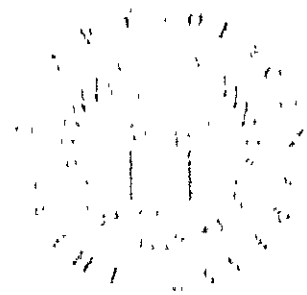
Monthly Index
of
Russian Accessions



Volume 1, No. 1 April 1962

THE LIBRARY OF CONGRESS
WASHINGTON : 1962

INTRODUCTORY NOTE

The MONTHLY INDEX OF RUSSIAN ACCESSIONS* is a record of the publications in the Russian language issued in and outside the Soviet Union that are currently received by the Library of Congress and a group of cooperating libraries. Whenever possible, publications printed in other languages spoken in the Soviet Union are also included.

The MONTHLY INDEX consists of three parts. Part A lists monographic literature, but no accessions published earlier than 1945 are included. To facilitate the use of this INDEX by readers who are not thoroughly familiar with the Russian language, the title in the original language in Part A is preceded by its English translation in brackets.

Part B lists Russian periodicals received, but excludes accessions printed earlier than 1947. Certain Soviet periodicals are being translated into English from cover to cover and published regularly in translation in the United States and other English-speaking countries. A list of such translated periodicals, their publishers, subscription prices, etc., is given at the end of each issue of the *Monthly Index*. In Part B such periodicals are indicated by an asterisk before the periodical title.

Part C provides subject analysis of the monographic titles listed in Part A and of the articles appearing in the periodicals enumerated in the *List of Periodicals Indexed and Abbreviations Used* at the beginning of Part C. The number and letter in parentheses following each abbreviation indicate the class and subclass in which the periodical appears in Part B. For the convenience of readers desiring to examine only monographs or periodical articles, the monographs are printed in slightly heavier type than the periodical articles. The titles of monographs are given both in the original language and in English translation, whereas titles of periodical articles are given in English translation only.

Sample title: Electric action of the brain in glaucoma. L.S.Levina, G.M.Neishtadt. Vest.oft. 30 no.5: 8–12 S–O '51.

Explanation: An article with title given above in English translation, written by L. S. Levina and G. M. Neishtadt, will be found in the September–October 1951 issue of *Vestnik oftalmologii*, vol. 30, no. 5, pages 8–12.

A cumulative list of periodicals included in the current volume appears in number 12 of that volume. This list is arranged by subject; the symbols of American libraries other than the Library of Congress, known to have files of such periodicals, follow each title.

Except in Part C, the material is divided into 17 subject classes and is arranged alphabetically within each class. In addition, for the convenience of the reader, the serials listed in Part B are divided within each subject class into several subclasses. All entries are transliterated according to the usual Library of Congress system except that ligatures are omitted. Unless otherwise indicated, all listed items are represented in the collections of the Library of Congress. Symbols representing other libraries indicate when items are available in those libraries. Curves ( ) around a symbol indicate that at the time of receipt the material was available in another library but not in the Library of Congress.

Cumulative author, subject, and periodical location indexes to the first four volumes of the MONTHLY INDEX are available as separate publications. Beginning with Volume 5, an author index to the monographs, and a periodical location index for the entire volume are furnished as appendices to the first two issues of the following volume.

Orders for microfilm or photostat copies of the listed items that are in the collections of the Library of Congress may be placed with the Photoduplication Service, Library of Congress, Washington 25, D. C.

The MONTHLY INDEX OF RUSSIAN ACCESSIONS is for sale by the Superintendent of Documents, U. S. Government Printing Office, Washington 25, D. C.

Price of single copies varies; subscription price, $12.00 a year domestic, $16.00 a year foreign. Price of Cumulative Index to Volumes 1–3, $1.50; to Volume 4, $0.60.

L. C. card, 48–46562

*Volumes 1–10 (No. 9), 1948–1957, issued under title *Monthly List of Russian Accessions*.

SYMBOLS OF LIBRARIES REPORTING RECEIPT OF PUBLICATIONS

AAP	Auburn University, Auburn, Ala.
AMAU	Air University Library, Maxwell Air Force Base, Montgomery, Ala.
AU	University of Alabama, University
AzU	University of Arizona, Tucson
C	California State Library, Sacramento
CCC	Claremont College, Claremont, Calif.
CCH	Honnold Library, Claremont, Calif.
CCP	Pomona College, Claremont, Calif.
CFS	Fresno State College, Fresno, Calif.
CL	Los Angeles Public Library
CLCM	Los Angeles County Museum Library, Los Angeles
CLL	Los Angeles County Law Library, Los Angeles
CLM	Los Angeles County Medical Association, Los Angeles
CLSU	University of Southern California, Los Angeles
CLU	University of California at Los Angeles
CMthL	University of California, Lick Observatory, Mount Hamilton
CPT	California Institute of Technology, Pasadena
CSf	San Francisco Public Library
CSfA	California Academy of Sciences, San Francisco
CSfU	University of San Francisco, San Francisco
CSmH	Henry E. Huntington Library, San Marino, Calif.
CSt	Stanford College Libraries, Stanford, Calif.
CSt-H	— The Hoover Institution on War, Revolution, and Peace
CSt-L	— Lane Medical Library
CStbS	University of California, Santa Barbara Library, Goleta
CStmoR	Rand Corporation, Santa Monica, Calif.
CU	University of California, Berkeley
CU-A	— University of California, Davis
CU-B	— Bancroft Library, Berkeley
CU-E	— East Asiatic Library, Berkeley
CU-M	— Medical Center, San Francisco
CU-Riv	— College of Arts, Letters and Science, Riverside
CU-S	— Scripps Institution of Oceanography, La Jolla
CaAEU	University of Alberta, Edmonton, Canada
CaBVa	Vancouver Public Library, Vancouver, Canada
CaBVaU	University of British Columbia, Vancouver, Canada
CaBViPA	Provincial Archives, Victoria, Canada
CaMWM	Manitoba Medical College, Winnipeg, Canada
CaOKQ	Queen's University, Kingston, Canada
CaOL	London Public Library, London, Canada
CaOOA	Public Archives Library, Ottawa, Canada
CaOOAg	Department of Agriculture, Main Library, Ottawa, Canada
CaOLU	University of Western Ontario, London, Canada
CaOOG	Geological Survey of Canada, Ottawa, Canada
CaOOGB	Geographical Bureau Library, Ottawa, Canada
CaOOH	Laboratory of Hygiene, Ottawa, Canada
CaOON	National Research Council, Ottawa, Canada
CaOONM	National Museum, Ottawa, Canada
CaOOS	Dominion Bureau of Statistics, Ottawa, Canada
CaOOU	University of Ottawa, Ottawa, Canada
CaOTM	Library, Meteorological Branch, Air Services, Dept. of Transport, Toronto, Canada
CaOTR	Royal Canadian Institute, Toronto. (Collection included with CaOTU)
CaOTU	University of Toronto, Toronto, Canada
CaQMAI	Arctic Institute of North America, Montreal, Canada
CaQMBM	Bibliotheque Municipale, Montreal, Canada
CaQMM	McGill University, Montreal, Canada
CaQMMM	— Medical Library
CaQMU	University of Montreal, Montreal, Canada
CaSSU	University of Saskatchewan, Saskatoon, Canada
CoBBS	U. S. National Bureau of Standards, Boulder Laboratories, Colorado
CoD	Denver Public Library
CoDM	Medical Society of the City and County of Denver
CoFS	Colorado State University, Fort Collins
CoU	University of Colorado, Boulder
CtHT	Trinity College, Hartford, Conn.
CtW	Wesleyan University, Middletown, Conn.
CtY	Yale University, New Haven
CtY-L	— Law Library
CtY-M	— Medical School Library
DA	U. S. Department of Agriculture Library
DAIA	American Institute of Architects Library, Washington, D. C.
DAL	U. S. Army Library, Pentagon Building
DBC	U. S. Bureau of the Census Library
DBS	U. S. Bureau of Standards Library
DC	U. S. Department of Commerce Library
DCU	Catholic University of America Library, Washington, D. C.
DDC	Dominican House of Studies, Immaculate Conception Convent Library, Washington, D. C.
DDO	Dumbarton Oaks Research Library of Harvard University, Washington, D. C.
DFR	Board of Governors of the Federal Reserve System
DI	U. S. Department of the Interior Library
DI-GS	— Geological Survey Library
DM	U. S. Bureau of Mines Library. (Library integrated with DI)
DN	U. S. Department of the Navy Library
DN-HO	— Hydrographic Office Library
DN-Ob	— Naval Observatory Library
DN-RL	Naval Research Laboratory Library, Anacostia Station, Washington, D. C.
DNIH	National Institutes of Health Library, Bethesda, Md.
DNLM	U. S. National Library of Medicine
DNW	U. S. National War College Library, Fort McNair
DP	U. S. Patent Office Library
DS	U. S. Department of State Library
DSC	Scottish Rite Supreme Council Library
DSI	Smithsonian Institution Library, Washington, D. C.
DSI-AO	— Astrophysical Laboratory Library
DSI-E	— Bureau of American Ethnology Library
DSI-M	— National Museum Library
DWB	U. S. Weather Bureau Library
DeU	University of Delaware, Newark
FMU	University of Miami, Coral Gables, Fla.
FTaSU	Florida State University, Tallahassee
FU	University of Florida, Gainesville
GAT	Georgia Institute of Technology, Atlanta
GEU	Emory University, Atlanta
GU	University of Georgia, Athens
I	Illinois State Library, Springfield
IArg	Argonne National Laboratory, Argonne, Ill.
ICA	Art Institute of Chicago, Chicago
ICAC	American College of Surgeons Library, Chicago
ICF	Chicago Natural History Museum, Chicago
ICJ	John Crerar Library, Chicago
ICMILC	Midwest Inter-Library Center, Chicago
ICN	Newberry Library, Chicago
ICU	University of Chicago, Chicago
ICU-Y	Yerkes Observatory, Williams Bay, Wis.
ICarbS	Southern Illinois University, Carbondale
IEN	Northwestern University, Evanston, Ill.
IHi	Illinois State Historical Library, Springfield
IU	University of Illinois, Urbana
IaAS	Iowa State University of Science and Technology, Ames
IaU	State University of Iowa, Iowa City
IdNTS	National Reactor Testing Station, Technical Library, Phillips Petroleum Company, Idaho Falls, Idaho
In	Indiana State Library, Indianapolis

InIA	Indiana Academy of Science Library, Indianapolis
InLP	Purdue University, Lafayette, Ind.
InNd	University of Notre Dame, Notre Dame, Ind.
InU	Indiana University, Bloomington
KAS	St. Benedict's College, Atchison, Kan.
KMK	Kansas State University, Manhattan
KU	University of Kansas, Lawrence
KU-L	— School of Law Library
KU-M	— Medical Center Library, Kansas City
KyU	University of Kentucky, Lexington
LNHT	Howard-Tilton Memorial Library of Tulane University, New Orleans, La.
LU	Louisiana State University, Baton Rouge
MA	Amherst College, Amherst, Mass.
MB	Boston Public Library
MBAt	Boston Athenaeum, Boston
MBM	Boston Medical Library, Boston
MBN	Boston Society of Natural History, Boston
MBU	Boston University
MBdAF	U. S. Air Force Cambridge Research Center, Bedford, Mass.
MCM	Massachusetts Institute of Technology, Cambridge, Mass.
MH	Harvard University, Cambridge, Mass.
MH-A	— Arnold Arboretum, Jamaica Plain
MH-AH	— Andover-Harvard Theological Seminary Library
MH-BH	— Blue Hill Meteorological Observatory, Milton, Mass.
MH-BL	— Biological Laboratories Library
MH-C	— Chemistry Library
MH-F	— Farlow Reference Library
MH-FA	— Fogg Art Museum Library
MH-G	— Gary Herbarium Library
MH-GM	— Gordon McKay Library
MH-HY	— Harvard-Yenching Institute (Chinese-Japanese Library)
MH-L	— Law School Library
MH-M	— Schools of Medicine, Public Health and Dental Medicine, Boston
MH-Mi	— Mineralogical Library
MH-O	— Astronomical Observatory, the Phillips Library
MH-P	— Peabody Museum Library
MH-PR	— Physics Research Library
MH-SD	— Graduate School of Design Library
MH-Z	— Museum of Comparative Zoology Library
MMeT	Tufts University, Medford, Mass.
MNS	Smith College, Northampton, Mass.
MWelC	Wellesley College, Wellesley, Mass.
MWhB	Marine Biological Laboratory, Woods Hole, Mass.
MdAN	U. S. Naval Academy, Annapolis
MdBJ	Johns Hopkins University, Baltimore
MdBWA	Walters Art Gallery, Baltimore
MeB	Bowdoin College, Brunswick, Maine
MeWC	Colby College, Waterville, Maine
	ry
	·ts
	ity, Detroit
	rsity, East Lansing
	ny, Midland, Mich.
	n, Ann Arbor
	ts Library
	ference Library, St. Paul
	ta, Minneapolis
	y
	tte, Mo.
	ansas City
	i School of Mines and
	ry
	rden, St. Louis
MoSU	St. Louis University, St. Louis
MoSW	Washington University, St. Louis
MoU	University of Missouri, Columbia
MsSM	Mississippi State University, State College
MsU	University of Mississippi, Oxford
MtBC	Montana State College, Bozeman
MtU	Montana State University, Missoula
N	New York State Library, Albany
NB	Brooklyn Public Library
NBC	Brooklyn College, Brooklyn
NBG	Brooklyn Botanic Garden, Brooklyn
NBM	Medical Society of the County of Kings and Academy of Medicine of Brooklyn Library, Brooklyn
NBSU-M	State University of New York, College of Medicine Downstate Medical Center Library, Brooklyn
NBuB	Buffalo Society of Natural Sciences, Buffalo
NCH	Hamilton College, Clinton, N. Y.
NCorniC	Corning Glass Works Library, Corning, N. Y.
NCsC	Carnegie Institution, Department of Genetics, Cold Spring Harbor, N. Y.
NIC	Cornell University, Ithaca, N. Y.
NIC-A	— State Colleges of Agriculture and Home Economics
NN	New York Public Library
NNA	American Geographical Society, New York
NNBG	New York Botanical Garden, Bronx Park, New York
NNC	Columbia University, New York
NNC-L	— Law Library
NNC-M	— Medical Library
NNC-T	— Teachers College Library
NNCC	Chemists' Club, New York
NNCoCi	College of the City of New York, New York
NNCorM	Cornell University Medical College Library, New York
NNE	Engineering Societies Library, New York
NNF	Fordham University, New York
NNIS	Library for Intercultural Studies, New York
NNJ	Jewish Theological Seminary of America, New York
NNM	American Museum of Natural History, New York
NNMM	Metropolitan Museum of Art Library, New York
NNNAM	New York Academy of Medicine, New York
NNPH-O	Institute of Ophthalmology, Presbyterian Hospital, New York
NNR	Russell Sage Foundation, College of the City of New York
NNRI	Rockefeller Institute for Medical Research, New York
NNU	New York University Libraries, New York
NNU-H	— University Heights Library
NNU-W	— Washington Square Library
NNUN	United Nations Library, New York
NPV	Vassar College, Poughkeepsie, N. Y.
NRE	Eastman Kodak Company, Rochester, N. Y.
NRU	University of Rochester, Rochester, N. Y.
NSyU	Syracuse University, Syracuse, N. Y.
NUpB	U. S. Brookhaven National Laboratory, Upton, N. Y.
NYBT	Boyce Thompson Institute for Plant Research, Yonkers, N. Y.
NbU	University of Nebraska, Lincoln
NcD	Duke University, Durham, N. C.
NcGW	Woman's College of the University of North Carolina, Greensboro
NcRS	North Carolina State College of Agriculture and Engineering, Raleigh
NcU	University of North Carolina, Chapel Hill
NdU	University of North Dakota, Grand Forks
Nh	New Hampshire State Library, Concord
NhD	Dartmouth College, Hanover, N. H.
NjI	Irvington Free Public Library, Irvington, N. J.
NjMuB	Bell Telephone Laboratories, Murray Hill, N. J.

NjN	Newark Public Library, Newark, N. J.
NjP	Princeton University, Princeton, N. J.
NjR	Rutgers University, New Brunswick, N. J.
O	Ohio State Library, Columbus
OCH	Hebrew Union College, Cincinnati
OCLloyd	Lloyd Library and Museum, Cincinnati
OCU	University of Cincinnati, Cincinnati
OCl	Cleveland Public Library
OClBHS	Benedictine High School, Cleveland
OClJC	John Carroll University, Cleveland
OClM	Cleveland Medical Library
OClMA	Cleveland Museum of Art
OClW	Western Reserve University, Cleveland
OCoB	Battelle Memorial Institute, Columbus
ODW	Ohio Wesleyan University, Delaware, Ohio
OHi	Ohio State Historical Society, Columbus
OO	Oberlin College, Oberlin, Ohio
OOxM	Miami University, Oxford, Ohio
OSte	Carnegie Library, Steubenville, Ohio
OU	Ohio State University, Columbus
OUCA	Chemical Abstracts, Ohio State University, Columbus
OkS	Oklahoma State University, Stillwater
OkU	University of Oklahoma, Norman
OrCS	Oregon State College, Corvallis
OrPR	Reed College, Portland, Ore.
OrU	University of Oregon, Eugene
P	Pennsylvania State Library, Harrisburg
PBL	Lehigh University, Bethlehem, Pa.
PBm	Bryn Mawr College, Bryn Mawr, Pa.
PHC	Haverford College, Haverford, Pa.
PLF	Franklin and Marshall College, Lancaster, Pa.
PP	Free Library of Philadelphia
PPAN	Academy of Natural Sciences, Philadelphia
PPAmP	American Philosophical Society, Philadelphia
PPBC	Philadelphia Bibliographical Center and Union Library Catalogue
PPC	College of Physicians of Philadelphia
PPDrop	Dropsie College for Hebrew and Cognate Learning, Philadelphia
PPF	Franklin Institute, Philadelphia
PPPM	Philadelphia Museum of Art
PPT	Temple University, Philadelphia
PPWI	Wistar Institute of Anatomy and Biology, Philadelphia
PPiCI	Carnegie Institute of Technology, Pittsburgh
PPiU	University of Pittsburgh, Pittsburgh
PRosC	Rosemont College, Rosemont, Pa.
PSC	Swarthmore College, Swarthmore, Pa.
PSt	Pennsylvania State University, University Park
PU	University of Pennsylvania, Philadelphia
PU-BZ	— Botany-Zoology Library
PU-El	— Moore School of Electrical Engineering Library
PU-FA	— School of Fine Arts Library
PU-Math	— Mathematics-Physics Library
PU-Mu	— University Museum Library
PU-Penn	— Penniman Library of Education
PU-Sc	— Towne Scientific School Library
RPB	Brown University, Providence, R. I.
RU	University of Rhode Island, Kingston
TCU	University of Chattanooga, Chattanooga, Tenn.
TNJ	Joint University Libraries (Vanderbilt University, George Peabody College for Teachers, and Scarritt College), Nashville, Tenn.
TONS	Oak Ridge Institute of Nuclear Studies, Oak Ridge, Tenn.
TU	University of Tennessee, Knoxville
TxCM	Agricultural and Mechanical College of Texas, College Station
TxDaM	Southern Methodist University, Dallas
TxHR	Rice Institute, Houston
TxLT	Texas Technological College, Lubbock
TxU	University of Texas, Austin
ULA	Utah State Agricultural College, Logan
ViBlbV	Virginia Polytechnic Institute, Blacksburg
ViU	University of Virginia, Charlottesville
ViU-L	— Law Library
ViW	College of William and Mary, Williamsburg
VtMiM	Middlebury College, Middlebury, Vt.
VtU	University of Vermont and State Agricultural College, Burlington
WHi	State Historical Society of Wisconsin, Madison
WU	University of Wisconsin, Madison
WaU	University of Washington, Seattle
WvU	West Virginia University, Morgantown

MONTHLY INDEX OF RUSSIAN ACCESSIONS

LIBRARY OF CONGRESS—PROCESSING DEPARTMENT

VOLUME 15, NO. 1 APRIL 1962

TABLE OF CONTENTS

Part A—Monographic Works Page

1. General ... 1
2. Bibliography ... 1
3. Philosophy & Religion ... 1
4. History ... 1
5. Social Sciences ... 2
6. Political Science ... 5
7. Law ... 7
8. Education ... 7
9. Music, Theater & Motion Pictures ... 8
10. Fine Arts ... 8
11. Language, Literature & Folklore ... 8
12. Geography & Geology ... 11
13. Science ... 12
14. Medicine ... 14
15. Agriculture ... 15
16. Technology ... 17
17. Military & Naval Sciences ... 23

Part B—Periodicals

1. General
   - *a.* Scholarly journals ... 25
   - *b.* Popular magazines ... 25
2. Bibliography
   - *a.* Bibliography ... 26
   - *b.* Libraries & library science ... 26
   - *c.* Printing & the book trade ... 26
3. Philosophy & Religion
   - *a.* Philosophy ... 26
   - *b.* Religion ... 26
4. History
   - *a.* General ... 27
   - *b.* Archaeology & antiquities ... 27
5. Social Sciences
   - *a.* Commerce ... 27
   - *b.* Economics ... 27
   - *c.* Finance ... 27
   - *d.* Labor ... 28
   - *e.* Sociology ... 28
6. Political Science ... 28
7. Law ... 28
8. Education
   - *a.* General ... 28
   - *b.* Physical education & games ... 29

Page

9. Music, Theater & Motion Pictures
   - *a.* Motion pictures 29
   - *b.* Music 29
   - *c.* Theater 29

10. Fine Arts
   - *a.* General 29
   - *b.* Architecture 29

11. Language, Literature & Folklore
   - *a.* Language 29
   - *b.* Literature & folklore 29

12. Geography & Geology
   - *a.* Ethnology 30
   - *b.* Geography 30
   - *c.* Geology & paleontology 30

13. Science
   - *a.* General 31
   - *b.* Astronomy 31
   - *c.* Biology 31
   - *d.* Chemistry 31
   - *e.* Mathematics 32
   - *f.* Physics 32

14. Medicine
   - *a.* General 32
   - *b.* Gynecology, obstetrics & pediatrics 32
   - *c.* Neurology & psychiatry 32
   - *d.* Ophthalmology & otorhinolaryngology 32
   - *e.* Pathology & therapeutics 32
   - *f.* Pharmacy & materia medica 33
   - *g.* Public health & nursing 33
   - *h.* Surgery & dentistry 33
   - *i.* Venereology & dermatology 33

15. Agriculture
   - *a.* General 33
   - *b.* Animal industry 33
   - *c.* Forestry 33
   - *d.* Plant culture 33

16. Technology
   - *a.* General 33
   - *b.* Aeronautics .....
   - *c.* Chemical technology .....
   - *d.* Civil & construction engineering .....
   - *e.* Electrical engineering 35
   - *f.* Industries & trades 35
   - *g.* Mechanical engineering 35
   - *h.* Mining & metallurgy 36

17. Military & Naval Sciences
   - *a.* Military science 37
   - *b.* Naval science 37

Part C—List of Periodicals Indexed and Abbreviations Used 38

Subject Index to Monographs and Periodicals 44

Guide to Periodicals Listed in the *Monthly Index of Russian Accessions*, Volume 14, April 1961–March 1962 ..... I–XLI

Periodicals Available in English Translation Cover-to-Cover,

1. GENERAL

GLASS, IU. I., and L. M. LANDA. [Museums of Uzbekistan] Muzei Uzbekistana. Tashkent, Gos. izd-vo Uzbekskoi SSR, 1961. 75 p.

2. BIBLIOGRAPHY

AFANAS'EV, IU. S. [Leningrad Public Library in 1960] Gosudarstvennaia Publichnaia biblioteka imeni M. E. Saltykova-Shchedrina v 1960 godu. Red. V. M. Barashenkov. Leningrad, [Izd. Gos. Publichnoi biblioteki im. M. E. Saltykova-Shchedrina] 1961. 113 p.

FROLOV, I. M. [Duplication of drawings and technical records without copying] Beskopirovat'noe razmnozhenie chertezhno-tekhnicheskoi dokumentatsii Leningrad, Gos soiuznoe izd-vo sudostroit. promyshl, 1961 35 p.

KALUGA. KALUZHSKAIA OBLASTNAIA BIBLIOTEKA IMENI V. G. BELINSKOGO. [The Kaluga Province Library, a brief guidebook] Kratkii spravochnik. [Kaluga] Kaluzhskoe knizhnoe izd-vo, 1961. 28 p.

MOSCOW. PUBLICHNAIA BIBLIOTEKA. [Library and bibliographical classification; tables for research libraries] Bibliotechno-bibliograficheskaia klassifikatsiia; tablitsy dlia nauchnykh bibliotek. Moskva, No. 6. [E Biological sciences] E Biologicheskie nauki. 1961. 130 p.

RUSSIA (1923- U.S.S.R.) Glavnoe arkhivnoe upravlenie. [Rules for the publication of documents of the Soviet period] Pravila izdaniia dokumentov sovetskogo perioda. Moskva, 1960. 53 p.

VESKIMAGI, K. [One hundred years in the service of the people; *from the Tarvastu Parish Library to the* Mustla Municipal Library (1860-1960)] Sada aastat rahva teenistuses, Tarvastu kihelkonna raamatukogust Mustla linna raamatukoguni 1860-1960. Tallinn, Eesti Riiklik Kirjastus, 1960. 51 p. [In Estonian]

3. PHILOSOPHY & RELIGION

ACADEMIA REPUBLICII POPULARE ROMINE. Institutul de Filozofie. [Progressive Rumanian thinkers of the 18th and 19th centuries. Translated from the Rumanian] Peredovye rumynskie mysliteli XVIII-XIX vv. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 703 p.

AKADEMIIA NAUK SSSR. Institut filosofii. [History of aesthetic ideas of the ancient world and the Middle Ages] Iz istorii estaticheskoi mysli drevnosti i srednevekov'ia. Moskva, Izd-vo Akad. nauk SSSR, *1961.* 341 p.

ANTSYFEROVA, L. I. [Regularities in elementary cognitive activity] O zakonomernostiakh elementarnoi poznavatel'noi deiatel'nosti. Moskva, Izd-vo Akad. nauk SSSR, 1961. 149 p.

CHAVUSAU, V. S. [Antireligious propaganda in Krichev District] Antyreligiinaia prapaganda u Krychauskim raene. Minsk, DzIarzh. vyd-vo BSSR, Red. minsva-polit. lit-ry, 1960. 44 p. (Bibliotechka ateista)

CHKNAVERIANTS, A. A. [Law of identity; a historical and logical sketch] Zakon tozhdestva; istoriko-logicheskii ocherk. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 99 p.

[CONTRADICTORY CHARACTER OF DEVELOPMENT] Protivorechivyi kharakter razvitiia; sbornik statei. Minsk, Gos. izd-vo BSSR Red. sotsial'no-ekon. lit-ry, 1961. 198 p.

DAUKSAS, K. [Miracles in the light of science] Stebuklai mokslo aviesoje. Vilnius, Valstybine politines ir mokslines literatures leidykla, 1961 39 p. [In Lithuanian]

GEORGIEV, F. I. [Apposition between Marxist and Hegelian theories of consciousness, Hegel's psychological theory] Protivopolozhnost' marksistskogo i gegelevskogo ucheniia o soznanii, psikhologicheskaia teoriia Gegelia. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 157 p.

KRAMARENKO, N. A. [Dialectical materialism is a scientific philosophy] Dialekticheskii materializm - nauchnaia filosofiia. Moskva, "Znanie," 1961. 45 p. (Narodnyi universitet kul'tury Obshchestvenno politicheskii fakul'tet, no. 15)

LIASHEVSKII, STEFAN. [Trilogy, reconciliation of contemporary scientific data with the Biblical narrative] Trilogiia; opyt soglasovaniia sovremennykh nauchnykh dannykh s Bibleiskim povestvovaniem. [n p.] 1962. 57 p

MAEVSKII, VL. [Lesna, Hopovo-Fourqueux (nuns devoted to charity)] Lesna, Khopovo-Furke. (Podvizhnitsy liubvi) Sao Paulo, 1962, 79 p

MECHNIKOV, I. I. [Studies on the nature of man] Etiudy o prirode cheloveka. Moskva, Izd-vo Akad. nauk SSSR, 1961. 288 p.

SAPOZHNYKOVA, L. S. [Be severe toward yourself] Bud' vymohlivym do sebe. Kyiv, 1961. 40 p. (Tovarystvo dlia poshyrennia politych i naukovykh znan' Ukrains'koi RSR. Ser. 10, no. 10)

SOVESHCHANIE PO PROBLEMAM VOSPRIIATIIA PROSTRANSTVA I PROSTRANSTVENNYKH PREDSTAVLENII, Leningrad, 1959. [Problems of the perception of space and spatial representations] Problemy vospriiatiia prostranstva i prostranstvennykh predstavlenii. Pod red. B. G. Anan'eva i B. F. Lomova Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1961. *196 p.*

STARCHENKO, A. A. [Role of analogy in the cognitive process, based on the materials of historical and legal studies] Rol' analogii v poznanii, na materialakh istoricheskogo i pravovogo issledovaniia. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 51 p.

ZHUKOVA, E. D. [Wisdom of the people] Narodnaia mudrost'. [Vladimir] Vladimirskoe knizhnoe izd-vo, 1960. 34 p.

4. HISTORY

AKADEMIIA NAUK SSSR. Institut istorii. [The great battle of Moscow; a brief historical study] Velikaia bitva pod Moskvoi, kratkii istoricheskii ocherk. Moskva, Voen. Izd-vo M-va obor. SSSR, 1961. 302 p.

ALEKBERLI, M. A. [How the Ukrainian people struggled against the aggression of the Turks and Tatars in the second half of the 16th and the first half of the 17th century] Bor'ba ukrainskogo naroda protiv turetsko-tatarskoi agressii vo vtoroi polovine XVI - pervoi polovine XVII vekov. [Saratov] Izd-vo Saratovskogo univ., 1961. 269 p.

ANDREEV, N. [History around us] Istoriia vokrug nas. [Smolensk, Smolenskoe knizhnoe izd-vo, 1961] 235 p.

[MICROFILM]

AWEJDE, OSKAR. [Materials and notes on the Polish Revolution of 1863] Pokazaniia i zapiski o pol'skom vosstanii 1863 g. Moskva, Izd-vo Akad. nauk SSSR, 1961. 662 p. (Vosstanie 1863 goda: Materialy i dokumenty)

BOIEV, IU. O., and IU. IE. IEGOROV. [Traditional bonds between the peoples of the U.S.S.R. and France] Tradytsiini zv'iasky mizh narodamy SRSR i Frantsii. Kyiv, Vyd-vo Akad. nauk URSR, 1960. 79 p.

BRYK, ALEXANDER S. [Ukrainian-Jewish relations] Ukrains'ko-evreis'ki vzaemovidnosyny. Winnipeg, Nakladom avtora, 1961. 383 p.

BYSTRICKAS, S. J. [The executed talk] Ir susaudytieji prabyla. Vilnius, Valstybine politines ir mokslines literatures leidykla, 1960. 86 p. [In Lithuanian]

CHERNILOVSKII, Z. M. [History of the slaveholding state and law Supplement: Documents on the history of the slaveholding state and law] Istoriia rabovladel'cheskogo gosudarstva i prava. Prilozhenie: Dokumenty po istorii rabovladel'cheskogo gosudarstva i prava. sost. K. I. Batyr, V. A. Vinnikov, IU. V. Kachanovskii. Izd. 2. Moskva, Vseo. iurid. zaochnyi in-t, 1960. 200 p.

[THE COMMUNIST PARTY DURING THE GREAT PATRIOTIC WAR, JUNE 1941-1945; documents and source materials] Kommunisticheskaia partiia v period Velikoi Otechestvennoi voiny, iiun' 1941 goda - 1945 god; dokumenty i materialy. Moskva, Gos. izd-vo polit. lit-ry, 1961, 702 p. (V pomoshch Uchashchimsia istoriiu KPSS)

[CONCLUSION OF A TREATY OF FRIENDSHIP, COOPERATION, AND MUTUAL AID BETWEEN THE KOREAN PEOPLE'S DEMOCRATIC REPUBLIC AND THE U.S.S.R.] Zakliuchenie dogovora o druzhbe, sotrudnichestve i vzaimnoi pomoshchi mezhdu KNDR i SSSR. [Pyongyang] 16 p. (Prilozhenie no. 2 k zhurnalu "Novaia Koreia" no. 15, 1961)

EESTI NSV TEADUSTE AKADEEMIA. Ajaloo Instituut. [History of the Estonian S.S.R. in three volumes] Istoriia Estonskoi SSR v trekh tomakh. Pod red. A. Vassara i G. Naana. Tallin, Estonskoe gos. izd-vo. Vol. I. [From the ancient period to the middle of the 19th century] S drevneishikh vremen do serediny XIX veka. 1961. 954 p.

EESTI NSV TEADUSTE AKADEEMIA. Ajaloo Instituut. [Union of Estonia and Russia and its historical significance; comprehensive studies] Eesti uhendamisest Venemaaga ja sellе ajaloolisest tahtsusest, luhiuurimisi. Toimetanud A. Vassar. Tallinn, Eesti Riiklik Kirjastus, 1960. 260 p. [In Estonian]

EPSHT
Agr
pozd
Mosk

[FRENC
mater
stat'i
Izd-vo

GANKOV
[Histo
Izd-vo

GAPONE
tion; c
dokum
426 p.

GONCHAI
Sociali
liberal
1917 t
Korea]
revoli
dvizhe
Kitaia,
zaochn

ITS, R. F., and G. IA. SMOLIN. [Outline history of China from the ancient period to the middle of the 17th century] Ocherki istorii Kitaia; s drevneishikh vremen do serediny XVII veka, posobie dlia uchitelia. Leningrad, Gos. uchebno-pedagog. izd-vo M-va prosv RSFSR, 1961 214 p.

KANN, P. IA., and IU. I. KORABLEV. [Petrokrepost (Oreshek-Shlisselburg-Petrokrepost), an account of its history and revolutionary associations] Petrokrepost' (Oreshek-Shlisselburg-Petrokrepost'); istoriko-revoliutsionnyi ocherk [Leningrad] Lenizdat, 1961. 316 p. (Goroda Leningradskoi oblasti)

KOMKOV, G. D. [Sources of the victory of the Soviet people in the Great Patriotic War] Istoki pobedy sovetskogo naroda v Velikoi Otechestvennoi voine Moskva, Izd-vo Akad nauk SSSR, 1961 110 p (Nauchno-populiarnaia serila)

KOMMUNISTICHESKAIA PARTIIA SOVETSKOGO SOIUZA. Tatarskii oblastnoi komitet. Partiinyi arkhiv. [For the Soviet regime; a collection of reminiscences by participants in revolutionary events in Tatarla] Za vlast' Sovetov; sbornik vospominanii uchastnikov revoliutsionnykh sobytii v Tatarii. Kazan', Tatarskoe knizhnoe izd-vo.
Pt. 2. 1960. 317 p.

KONDRATAS, Z. [The Ninth Fort] IX Fortas. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 47 p. [In Lithuanian]

KRASNOV, I. M. [The class struggle in the U. S. A. and the movement against anti-Soviet intervention, 1919-1920] Klassovala bor'ba v SShA i dvizhenie protiv antisovetskoi interventsii, 1919-1920 gg [Moskva] Izd-vo sotsial'no-ekon. lit-ry, 1961 301 p.

KULIEV, O., K. RAKHMANOV, and A. ARTYKOV. [History of the Turkmen S. S. R.; a textbook for the senior grades of secondary schools] Istoriia Turkmenskoi SSR; uchebnoe posobie dlia starshikh klassov srednei shkoly. Pod red. A. Il'iasova. Ashkhabad, Turkmenskoe gos. uchebno-pedagog. izd-vo, 1961 165 p.

KURGANOVAS, M. [Facing death] Mirties akivaizdoje. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1960. 156 p. [In Lithuanian]

KUROPIATNIK, G. P. [The second American revolution] Vtoraia amerikanskaia revoliutsiia. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 261 p.

LATVIJAS PADOMJU SOCIALISTIKAS REPUBLIKAS ZINATNU AKADEMIJA. Vestures instituts. [Against idealization of the Young Latvia movement] Protiv idealizatsiia mladolatyshskogo dvizhenila. Riga, Izd-vo Akad. nauk Latviiskoi SSR, 1960. 224 p.

LIGI, HERBERT. [Conditions and class struggle of the Estonian peasants at the start of the Livonian War (1558-1561)] Eesti talurahva olukord ja klassivoitlus liivi soja algul, 1558-1561. Tallina, 1961. [In Estonian with summaries in Russian and German]

LOUDEMIS, MENELAOS. [The fatherland in captivity; Greece under foreign rule] Rodina v plenu, Gretsiia pod inostrannym gospodstvom. Moskva, Gos. izd-vo polit. lit-ry, 1961 62 p.

LYSTSOV, V. P. [M. V. Lomonosov, the forefather of Russian enlightment] M. V. Lomonosov rodonachal'nik russkogo prosvetitel'stva, 1711-1961. Voronezh, 1961. 100 p.

[THE PARTY UNDERGROUND IN MINSK DURING THE GREAT PATRIOTIC WAR, JUNE 1941-July 1944] O partiinom podpol'e v Minske v gody Velikoi Otechestvennoi voiny, iiun' 1941 - iiul' 1944 gg. Minsk, Gos. izd-vo BSSR. Red. sotsial'no-ekon. lit-ry, 1961. 88 p.

PEISAKHOVICH, A. IA. [Cultural development of the White Russian S. S. R. 1943-1945] Kul'turnoe stroitel'stvo v Belorusskoi SSR v 1943-1945 gg. Minsk, Izd-vo Belgosuniversiteta im. V. I. Lenina, 1961. 65 p.

PIRUMOVA, N. M. [A. I Hertzen; on the 150th anniversary of his birth] A. I Gertsen; k 150-letiiu so dnia rozhdenila. Moskva, Izd-vo "Znanie," 1961. 45 p. (Vsesoiuznoe obshchestvo po raspostraneniiu politicheskikh i nauchnykh znanii. Ser. 1, Istoriia, no 24)

PROTOPOPOV, D. Z. [Tajikistan during the years of the holy war] Tadzhikistan v gody sviashchennoi voiny. Stalinabad, Tadzhikgosizdat, 1961. 48 p.

[THE SAND OF DZUKIJA IS SOAKED WITH BLOOD] Kraujа sugere Dzukija smelis. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1960. 70 p. [In Lithuanian]

SEVAST'IANOVA, T. M. [First Bolshevik newspapers in Voronezh] Pervye bol'shevistskie gazety v Voronezhe. [Voronezh] Voronezhskoe knizhnoe izd-vo, 1959. 89 p.

TARLE, E. V. [Talleyrand] Talelran. Moskva, Izd-vo Akad nauk SSSR, 1962 268 p.

[THE UNFORGETTABLE; reminiscences] Nezabyvaemoe; vospominanila. Moskva, Voen. izd-vo M-va obor. SSSR, 961. 301 p.

URAL'SKOE ARKHEOLOGICHESKOE SOVESHCHANIE. 2d., 1961. [Materials of the Second Archaeological Conference on the Urals] Materialy. Sverdlovsk, 1961. 11 p.
[MICROFILM]

UZDAVINYS, VINCAS. [The tragedy of the village of Pirciupis] Pirciupio kaimo tragedija; antrasis pataisytas leidimas. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1960. 93 p. [In Lithuanian]

VADEIKIS, J. Siluva. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1960 49 p. [In Lithuanian]

VICAS, J. [In the service of the SS, documents on crimes perpetrated by the Lithuanian guards] SS tarnyboje; dokumentinis leidinys apie Lietuvių tapsaugos dalių įvykdytus nusikaltimus. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 115 p. [In Lithuanian]

VOSLENSKII, M. S. [Foreign policy and parties of the German Federal Republic] Vneshniaia politika i partii FRG. Pod red. D. E. Mel'nikova. Moskva, Izd-vo In-ta mezhdunarodnykh otnoshenii, 1961. 342 p.

ZURLOV, IVAN. [They are not alone. Translated from the Bulgarian] Oni byli ne odni. Moskva, Voen. izd-vo M-va oborony SSSR, 1961. 302 p.

5. SOCIAL SCIENCES

ABDURAKHIMOV, M. [Organizers and inspirers of socialist competition] Sotsialistik musobakaning tashkilotchilari va ilkhomchilari. Toshkent, Kizil Üzbekiston, " "Pravda Vostoka" va Üzbekistoni Surkh" birlashgan nashriëti, 1961. 41 p. [In Uzbek]

AKADEMIIA NAUK SSSR. Institut lesa. [Problems of increasing forest productivity in four volumes] Problemy povysheniia produktivnosti lesov v chetyrekh tomakh. Moskva, Goslesbumizdat.
Vol. 4. [Economic problems of increasing forest productivity and accelerating ripening and cutting ages] Ekonomicheskie voprosy povysheniia produktivnosti lesov, vozrasty spelosti i vozrasty rubok. 1961. 253 p.

AKADEMIIA NAUK SSSR. Sovet po izucheniiu proizvoditel'nykh sil. [Problems in developing the productive forces of Magadan Province] Problemy razvitiia proizvoditel'nykh sil Magadanskoi oblasti. Moskva, Izd-vo Akad. nauk SSSR, 1961. 301 p.

AKADEMIIA NAUK SSSR. Sovetskii komitet zashchity mira. [Economic problems of disarmament] Ekonomicheskie problemy razoruzheniia. Moskva, Izd-vo Akad. nauk SSSR, 1961. 214 p.

ALAVERDIAN, S. K. [Housing question in Moscow; essays on the prerevolutionary period] Zhilishchnyi vopros v Moskve, ocherki predrevoliutsionnogo perioda Pod red A. A Arakeliana. Erevan, Izd-vo Akad nauk Armianskoi SSR, 1961 109 p

ALEKSEEV, G. E., and I. I. VOLCHONOK. [Wages in inland water transportation for members of the crew and operational enterprises] Oplata truda na rechnom transporte rabotnikov plavaiushchego sostava i eksploatatsionnykh predpriiatii Moskva, Izd-vo "Rechnoi transport," 1961 172 p.

AMANMURADOV, KH. A. [A decisive stage in the economic competition between socialism and capitalism] Sotsializmiñ kapitalizm bilen ykdysady bäsleşiginiñ ägytlaiży etapy. Ashgabad, 1960. 27 p [In Turkmen]

ANDREASIAN, R. N., and A. IA. EL'IANOV. [The Near East, oil and independence] Blizhnii Vostok; neft', i nezavisimost'. Moskva, Izd-vo vostochnoi lit-ry, 318 p.

ANSBERG, A., and V. TARMISTO. [Economic and cultural life in the Estonian S. S. R.] Eesti NSV majandus ja kultuur. Tallinn, Eesti Riiklik Kirjasus, 1960. 174 p. [In Estonian]

[AT A NEW STAGE; from the work practice of Leningrad trade unions] Na novom etape, iz opyta raboty leningradskikh profsoiuzov. [Leningrad] Lenizdat, 1960 109 p

AVAKIAN, A. B., and E. G. ROMASHKOV. [Projects for the near and distant future] Proekty blizkogo i dalekogo budushchego. Moskva, Gos. izd-vo geogr. lit-ry, 1961. 110 p.

BABAEV, A. [The Kara-Kum deserts and their economic significance] Garagum choll we onuñ halk khożalyk ähmiieti. Ashgabat, Turkmenistan döwlet neshirlaty, 1960. 52 p. [In Turkmen]

BABITSKII, B. E., and A. M. DAVIDOVICH. [Organization of the Supreme Economic Council and its local organs, 1917-1932] Organizatsiia Vysshego soveta narodnogo khoziaistva i ego mestnykh organov, 1917-1932, uchebnoe posobie. Minsk, Izd-vo Belgosuniv. im. V. I. Lenina, 1961. 58 p.

BABKIN, V., and G. SMIRNOVA. [How to get old-age pension] Kak poluchit' pensiiu za vysługu let. [Moskva] Mosk. rabochii, 1961. 126 p.

BASS, I. B. [Organization of the basic production processes in the light industry enterprises] Organizatsiia osnovnykh proizvodstvennykh protsessov na predpriiatiiakh legkoi promyshlennosti. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1961. 550 p.

BELIAEVA, Z. S., and I. F. PANKRATOV. [State guidance of collective farms during the large-scale building of communism in the U. S. S. R.] Gosudarstvennoe rukovodstvo kolkhozami v period razvernutogo stroitel'stva kommunizma v SSSR. Moskva, Gos. izd-vo iuridich. lit-ry, 1961. 166 p

BEREZHNYI, H. K. [In close contact with life] U tisnomu zv'iazku z zhyttiam. [Kharkiv] Kharkivs'ke knizhnoe vyd-vo, 1961. 14 p. (Ahitator dilyt'sia dosvidom)

BERGER, I. N., V. I. IVANITSKII, and I. I. KORZHENEVSKII. [Planning the managerial operations of a retail enterprise] Planirovanie khoziaistvennoi deiatel'nosti roznichnoi torgovoi organizatsii. Moskva, Gos. izd-vo torg. lit-ry, 1961. 190 p.

BOGACHEVSKII, M. B. [Taxes in capitalist countries] Nalogi kapitalisticheskikh gosudarstv. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 322 p. [With summaries in English, French, and German]

[CALENDAR OF THE UKRAINIAN NATIONAL ASSOCIATION FOR 1962; the year of its convention] Kalendar Ukrains'koho Narodnoho Soiuzu na konventsiinyi rik 1962. Jersey City, N. J. Vyd-vo "Svoboda, [n. d.] 192 p.

CHARYEV, B. CH. [Kara-Bogaz-Gol and its economic significance] Garabogazköl we onuñ halk khożalyk ähmiieti. Ashgabat, Turkmenistan döwlet neshirinty, 1961. 61 p. [In Turkmen]

CHMIL', V. I. [The work and the people of one shift] Dita i liudy odniei zminy. [Kharkiv] Kharkivs'ke knyzhkove vyd-vo, 1961. 16 p. (Peredovyky somyrichky)

[THE COUNTRIES OF SOUTHERN ASIA; economic and geographical survey of India, Pakistan, Nepal and Ceylon] Strany IUzhnoi Azii; Indiia, Pakistan, Nepal, TSeilon; ekonomiko-geograficheskii obzor (posobie dlia uchitelei). Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 260 p.

DANILEVICH, V. A. [Dzmitryi Barashkin, a steel maker] Stalievar Dzmitryi Barashkin. Minsk, Dziarzh. vyd-va BSSR Red. masava-palitychnaia lit-ra, 1961 45 p. (Nashi suchasniki)

DANILOV, P. S. [Capital assets and productive capacity of industrial enterprises and how to use them to the best advantage] Osnovnye fondy i proizvodstvennye moshchnosti promyshlennykh predpriiatii i puti ikh luchshego ispol'zovaniia Moskva, Izd-vo ekon lit-ry, 1961. 75 p. (Ekonomicheskoe samoobrazovanie)

DEDOV, G. I. [Gremyachinsk] Gremiachinsk. Perm', Permskoe knizhnoe izd-vo, 1961. 39 p. (Gorod Permskoi oblasti)
[MICROFILM]

D'IACHKOV, G. V. [Personal and communal matters on collective farms] Lichnoe i obshchestvennoe v kolkhoze. Pod obshchei red. Moiseeva M I Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 30 p (Osnovy ekonomiki sel'skokhoziaistvennogo proizvodstva: populiarnaia seriia)

DOKTOROV, M., and V. NIKOLAEV, [They are building a city] Oni stroiat gorod, ocherk. Tashkent, TSentr. kom-t LKSM Uzbekistana Izd-vo "Esh gvardiia," 1961 31 p. (Molodye geroi semiletki)

DZHURA, M. LI. [Warmed by the sun; studies on the leaders of the seven-year plan] Kueshdan nur emganlar Toshkent Uzbekiston SSR Davlat nashriëti, 1961. 157 p. [In Uzbek]

EGIAZARIAN, G. A. [Material self-interest during the large-scale building of communism] Material'naia zainteresovannost' v period stroitel'stva kommunizma. Moskva, Izd-vo "Znanie," 1961. 45 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 3, Ekonomika, no. 21)

EZHOV, V. A. [Leningrad workers in the struggle for the reconstruction of the city, 1944-1945] Rabochie Leningrada v bor'be za vosstanovlenie goroda, 1944-1945 gg. [Leningrad] Izd-vo Leningr. univ, 1961. 105 p.

FEDOROV, B. F., and F. P. P'IANKOV. [Establishing norms for fitting and assembling operations] Normirovanie slesarno-sborochnykh rabot. Moskva, Mashgiz, 1961. 49 p. (Biblioteka slesaria - sborshchika, no. 11)

FEFELOV, V. P. [Methods for determining the economic effectiveness of machines in agriculture] Metodika opredeleniia ekonomicheskoi effektivnosti mashin v sel'skom khoziaistve; avtoreferat dissertatsii na soiskanie uchenoi stepeni kandidata ekonomicheskikh nauk. Moskva, Mosk. sel'khoz. akad., 1959. 24 p.

FILATOV, N. A. [Organization and economics of specialized state farms] Organizatsiia i ekonomika spetsializirovannogo sovkhoza. [Moskva] Mosk. rabochii, 1961. 116 p.

[FOR YOU, SOVIET CITIZEN] Tebe-sovetskii chelovek. [Moskva, Izd-vo "Molodaia gvardiia," 1960] 15 p.

[FRIENDSHIP KNOWS NO BOUNDARIES] Druzhba ne znaet granits. [Khar'kov] Khar'kovskoe knizhnoe izd-vo, 1960. 55 p. (Bibliotechka molodogo rabochego)

GAADE, IU. E. [The organization of statistics in the U. S. S. R.; lecture on a course in statistical theory and general course in statistics] Organizatsiia statistiki v SSSR; lektsiia po kursu: Obshchaia teoriia statistiki i obshchii kurs statistiki. Moskva, Vses. zaochnyi finansovo-ekon in-t, 1960. 19 p.
[MICROFILM]

GADZHIEVA, S. SH. [The Kumyks; historical and ethnological study] Kumyki; istoriko-etnograficheskoe issledovanie. Moskva, Izd-vo Akad. nauk SSSR, 1961. 384 p.

GERMATSKII, A. P. [Conserve labor and time] Berech' trud i vremia. [Moskva] Mosk. rabochii, 1960. 39 p. (Obshchedostupnaia bibliotechka po ekonomike sel'skokhoziaistvennogo proizvodstva)

GERSHBERG, S. R. [The movement of collectives and shock workers of communist labor] Dvizhenie kollektivov i udarnikov kommunisticheskogo truda. Moskva, Gos. izd-vo polit. lit-ry, 1961. 301 p.

GLEBOV, F. V. [Headquarters of workers' initiative; from the work practice of regular production conferences] Shtab rabochei initsiativy; iz opyta raboty postoianno deistvuiushchikh proizvodstvennykh soveshchanii. Minsk, Gos. izd-vo BSSR. Red. massovo-polit. lit-ry, 1961. 28 p.

GLUKHOV, A. A. [Increasing labor productivity is the path to abundance] Povyshenie proizvoditel'nosti truda - put' k izobiliiu. Moskva, Izd-vo "Sovetskaia Rossiia," 1960. 37 p. (Dlia slushatelei sel'skikh nachal'nykh ekonomicheskikh shkol i kruzhkov. Tema no. 4)

[GOOD PEOPLE ARE AROUND YOU] Vokrug tebia - khoroshie liudi. Moskva, Gos. izd-vo polit. lit-ry, 1961. 69 p. (Iz serii o kommunisticheskoi morali: Vremia i liudi)

GORBUNOV, V. A. [Patriotic initiative of Muscovites; struggle for the improvement of the quality and durability of industrial products] Patrioticheskii pochin moskvichei, borot'ba za povyshenie kachestva i nadezhnosti promyshlennoi produktsii. [Moskva] Mosk rabochii, 1961. 66 p. (V pomoshch' agitatoru i propagandисtu)

GORDON, L. A. [From the history of the working class of India, recent conditions of the Bombay proletariat] Iz istorii rabochego klassa Indii, polozhenie bombeiskogo proletariata v novieishee vremia. Moskva, Izd-vo vostochnoi lit-ry, 1961. 249 p.

GORDONOV, L. SH. [Foreign airways] Vozdushnye puti zarubezhnykh stran Moskva, Gos izd-vo geogr. lit-ry, 1961 350 p

GOSUDARSTVENNYI BANK, Moscow. [State Bank of the U. S. S. R. reports to the 22d Congress of the CPSU; concise study of the State Bank's operations between the 20th and the 22d Congresses of the CPSU] Gosudarstvennyi bank SSSR k XXII s"ezdu KPSS; kratkii ocherk deiatel'nosti Gosbanka za period mezhdu XX i XXII s"ezdami KPSS. Moskva, Gosfinizdat, 1961. 131 p.

GRISHAENKOV, F. A. [Construction in Turkmenistan during the seven-year plan] Edilyllykda Turkmenistanyn gurlushygy Ashgabat, Turkmenistan devlet neshriaty, 1960. 72 p. [In Turkmen]

GUTTSAIT, M. G. [Chronic unemployment and the failure to use full industrial capacity in the U. S. A.] Khronicheskaia bezrabotitsa i nedogruzka predpriiatii SShA. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 369 p.

IINATCHENKO, V. P. [Indispensable principle of socialism] Neporushnyi printsyp sotsializmu. [Kharkov] Kharkivs'ke knyzhkove vyd-vo, 1961. 41 p. (Bibliotechka propagandysta)

[HOW KHARKOV PROVINCE WORKERS STRUGGLED FOR THE FOUNDATION OF A SOCIALIST ECONOMY, 1926-1932; collected documents and materials] Borot'ba trudiashchikh Kharkivshchyny za pobudovu fundamentu sotsialistychnoi ekonomiky, 1926-1932, zbirnyk dokumentiv i materialiv. [Kharkiv] Kharkivs'ke knyzhkove vyd-vo, 1960. 700 p.

HUBAREVICH, S. I. [How to plan collective-farm farming] Planavanne kalhasnai vytvorchasti. Minsk, Dziarzh. vyd-vo BSSR. Red. sel'skahaspadarchai lit-ry, 1960. 48 p.

IALKABOV, BAIRAM. [A new village on the old site] Kone oide tëze ola, Stalin rayonynyn "Moskva" kolkhozynyn medenieti bairada gurrun. Ashgabat, 1961. 21 p. [In Turkmen]

IANCHENKO, S. E. [Capital exports; textbook] Vyvoz kapitala; uchebnoe posobie. Minsk, Izd-vo Belgosuniv. im. V. I. Lenina, 1961. 49 p.

IASHIN, D. V. [Agricultural machinery industry in Uzbekistan, new machinery] Sel'skokhoziaistvennoe mashinostroenie Uzbekistana; novye mashiny. Tashkent, Izd-vo Uzbekskoi SSR, 1959 31 p. (Vystavka dostizhenii narodnogo khoziaistva SSSR)
[MICROFILM]

IUSUFBEKOV, RUSTAMBEK. [Farm production at a new stage of development] Davrai navi tarakkiëti istokhsoloti kolkhozi. Stalinobod, Nashrieti davlatii Tochikiston, 1961. 188 p. [In Tajik]

IVANOVICH, L. S., and K. I. SAENKO. [Stories on activists in industrial safety] Rasskazy ob aktivistakh okhrany truda. [Moskva] Izd-vo VTsSPS, Profizdat, 1961. 110 p.

IVANUSHKIN, A. P., and T. G. PAVLOV. [Uncovering hidden potentialities for reducing production costs] Vyiavlenie rezervov snizhenila sebestoimosti produktsii. Pod obshchei red. L. A. Leont'eva. [Moskva] Mosk. rabochii, 1961. 55 p. (Osnovy ekonomicheskikh znanii - kazhdomu rabochemu)

JAWORSKI, WLADYSLAW. [Credit system of People's Poland. Translated from the Polish] Kreditnaia sistema narodnoi Pol'shi. Vstup. stat'ia i obshchaia red. V. P. Shalashova. Moskva, Gosfinizdat, 1961. 126 p.

KALAMKAROV, V. A. [Development of the oil and gas industries] Razvitie neftianoi i gazovoi promyshlennosti. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 54 p.

KARIMOV, A., M. LIAKHOVSKII, and V PALITSAN. [A progressive village in Central Asia] Maktovga zamonaviy kishlok. Toshkent, Kizil Uzbekiston, "Pravda Vostoka" va "Uzbekiston Surkh" birlashgan nashriëti, 1961. 16 p. [In Uzbek]

KASSIL', L. A. [Conversation about a cultured person, a writer's notebook] Razgovor o kul'turnom cheloveke; zametki pisatelia. Moskva, Gos. izd-vo polit. lit-ry, 1961 30 p. (Iz serii o kommunisticheskoi morali)

KASYMOV, S. M. [Loess and its importance for the national economy] Löss va uning khalk khüzhaligidagi ahamiiati. Toshkent, 1961 38 p. [In Uzbek]

KAVALEUSKI, P. V. [Manpower and its use on the collective farms of the White Russian S. S. R.] Pratsounyia resursy i ikh vykarystanne u kalhasakh BSSR. Minsk, Dziarzh. vyd-va BSSR Red sotsyial'na-ekan. lit-ry, 1961 52 p

KHABIDULINA, R. IA. [Leningrad Communists, organizers of the Stakhanov Movement, 1935-1937] Leningradskie kommunisty - organizatory stakhanovskogo dvizhenila, 1935-1937 gg. [Leningrad] Izd-vo Leningr. univ., 1961. 169 p.

KHOZHAEV, E. [The communist intelligentsia and its role in the building of communism] Sovet intelligentsiasy ve kommunistik gurlushykda onun roly Ashgabat, 1961. 43 p [In Turkmen]

KHIVAN, M. G. [Collective farms advance under communism] Kolkhoz shagaet v kommunizm. Tashkent, Gos izd-vo Uzbekskoi SSR, 1961. 45 p. (Vystavka dostizhenii narodnogo khoziaistva SSSR)

KIM, I. L. [Budget and developing the economy and culture of Kazakhstan] Biudzhet i razvitie ekonomiki i kul'tury Kazakhstana. Alma-Ata, Kazakhskoe gos. izd-vo, 1961. 114 p.

KIM, M. P. [Communism and culture] Kommunizm i kul'tura. Moskva, Gos. izd-vo polit. lit-ry, 1961. 70 p. (Bibliotechka znanii o kommunizme no. 6)

KIZCHENKO, A. F. [U. S. S. R aid to underdeveloped countries] Dopomoha SRSR slaborozvynutym krainam. Kyiv, 1961. 47 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukraïns'koi RSR. Ser. 4, no. 11)

KLAZ, IL'IA. [Anatol' Shabuniaev, a locomotive engineer] Mashynist Anatol' Shabuniaev; narys. Minsk, Dziarzh. vyd-va BSSR. Red. masava-palit. lit-ry, 1961. 30 p. (Nashy suchasniki)

KOLOSOV, A. F. [Reproduction of public capital] Vosproizvodstvo obshchestvennogo kapitala. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 92 p.

KONDRAT'EV, N. F., and A. F. MIKHAILIK. [Kharkov in the seven-year plan] Khar'kov v semiletke. [Khar'kov] Khar'kovskoe knizhnoe izd-vo, 1961. 112 p.
[MICROFILM]

KONFERENTSIIA PO RAZVITIIU PROIZVODITEL'NYKH SIL VOSTOCHNOI SIBIRI. Chitinskoe regional'noe soveshchanie. [Natural resources and prospects for the economic development of Chita Province, materials] Prirodnye bogatstva i perspektivy razvitiia ekonomiki Chitinskoi oblasti; materialy.... [Chita] Chitinskoe knizhnoe izd-vo, 1960. 147 p.
[MICROFILM]

KOSTENKO, M. P. [Under Bulgarian stars] Pid zoriamy balkans'kymy. Kyiv, 1961. 38 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukraïns'koi RSR. Ser. 4, no. 12)

KOZIN, A. I. [For communist labor; from socialist competition practice at the S. M. Kirov Grain Milling Combine] Za kommunisticheskii trud; iz opyta sotsialisticheskogo sorevnovaniia na mel'kombinate imeni S. M. Kirova. Moskva, Zagotizdat, 1961. 43 p.

KRUGOVOI, T. P. [Subject and method of economics, textbook for correspondence school students] Predmet i metod politicheskoi ekonomii; uchebnoe posobie dlia studentov zaochnogo fakul'teta. Khar'kov, Izd-vo Khar'kovskogo gos. univ. im. A. M. Gor'kogo, 1960. 40 p.

KUDRIAVITSKII, L. B., L. M. IGNATENKO, and V. V. PROKHOROV. [The struggle of workers in Gomel' Government for the reconstruction of the national economy in 1921-1925] Trudiashchiesia Gomel'skoi gubernii v bor'be za vosstanovlenie narodnogo khoziaistva, 1921-1925 gg. Pod red. I. Ignatenko. Minsk, Izd-vo Belgosuniversiteta im. V. I. Lenina, 1961. 77 p.

KULAGIN, L. S. [Wages for workers in the woodworking industry] Oplata truda rabotnikov derevoobrabatyvaiushchei promyshlennosti. Moskva, Goslesbumizdat, 1961, 58 p.

KUPRIANOVA, Z. V., A. G. NOTSHTEIN, and V. I. STOMAKHIN. [Planning labor productivity in construction] Planirovanie proizvoditel'nosti truda v stroitel'stve; nauchnoe soobshchenie. Moskva, Gos. izd-vo lit-ry po stroit., arkhit., i stroit. materialam, 1961. 75 p.

KURBANOV, I. A. [Agriculture of Turkmenistan in the first years of Soviet power] Turkmenistanyn olke khozhalygy Sowet khokumatynyn ilkinji yllarynda. Ashgabat, 1961. 42 p. [In Turkmen]

KURYLEV, A. K. [Eliminating social, economic, cultural and mode of life differences between city and village] O likvidatsii sotsial'no-ekonomicheskikh i kul'turno-bytovykh razlichii mezhdu gorodom i derevnei. Moskva, Izd-vo "Znanie," 1961. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 2, Filosofiia, no 22)

KUTLIEV, N. [On the upsurge] Ösüş ellerde. Çerjew, 1960. 33 p. [In Turkmen]

KUZNETSOV, N. T. [Treasures of our rivers] Sokrovishcha nashikh rek. Moskva, Izd-vo Akad. nauk SSSR, 1961. 150 p. (Nauchno-popularnaia seriia)

LARINA, M. N., N. V. TRUBNIK, and V. P. ZHELNOV. [Production and financial plan and business accounting of a power supply section] Proizvodstvenno-finansovyi plan i khozraschetnyi raschet uchastka energosnabzheniia. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 108 p.

LENINGRAD. UNIVERSITET. [Problems in labor productivity under socialism] Voprosy proizvoditel'nosti truda pri sotsializme. [Leningrad] Izd-vo Leningr. univ., 1961. 108 p.

LISITSYN, N. A. [State plan is the law of developing production] Gosudarstvennyi plan - zakon razvitiia proizvodstva. Minsk, Gos. izd-vo BSSR. Red. sotsial'no-ekon. lit-ry, 1961. 30 p. (Dlia slushatelei nachal'nykh ekonomicheskikh shkol i kruzhkov na promyshlennykh predpriiatiiakh)

LOKTEV, V. [The workday in the U.S.S.R.] Rabochii den' v SSSR. Minsk, Gos. izd-vo BSSR. Red. sotsial'no-ekon. lit-ry, 1961. 46 p.

MANUSEVICH, A. M. [Establishment of work norms and wages in socialist industrial enterprises] Normirovanie truda i zarabotnaia plata na sotsialisticheskikh promyshlennykh predpriiatiiakh. Minsk, Gos. izd-vo BSSR. Red. sotsial'no-ekon. lit-ry, 1961. 31 p. (Dlia slushatelei nachal'nykh ekonomicheskikh shkol i kruzhkov na promyshlennykh predpriiatiiakh, no. 6)

MARTIANOVA, T. V. [Economics of coal preparation] Voprosy ekonomiki obogashcheniia uglei. Moskva, Izd-vo Akad. nauk SSSR, 1961. 166 p.

MARTOVITSKII, V. I. [The party's slogan "Look to the rural areas" and its realization in White Russia during 1924 and 1925] Lozung partii "Litsom k derevne" i ego osushchestvlenie v BSSR v 1924-1925 gg. Minsk, Izd-vo M-va vysshego, srednego spetsial'nogo i professional'nogo obrazovaniia BSSR, 1961. 134 p.

MATVIENKO, B. S., and G. G. KLEBANOV. [In step with life] V nogu s zhizn'iu. Minsk, Gos. izd-vo BSSR. Red. massovo-polit. lit-ry, 1961. 17 p.

MINTS, A. A. [The Moscow environs; economic and geographical features] Podmoskov'e; ekonomiko-geograficheskaia kharakteristika. Moskva, Gos. izd-vo geogr. lit-ry, 1961. 301 p.

MITROFANOVA, N. M. [How prices for goods are determined in our country] Kak obrazuiutsia tseny na tovary v nashei strane. Pod obshchei red. L. A. Leont'eva. [Moskva] Mosk. rabochii, 1961. 47 p. (Osnovy ekonomicheskikh znanii - kazhdomu rabochemu)

MITROKHIN, M. A., and I. A. IVIN. [Work norms and wages on collective and state farms] Normirovanie i oplata truda v kolkhozakh i sovkhozakh. Moskva, Izd-vo "Sovetskaia Rossiia," 1960. 33 p. (Dlia slushatelei sel'skikh nachal'nykh ekonomicheskikh shkol i kruzhkov, tema 5)

MOROZ, V., and M. KARPOV. [We march toward culture; cultural and educational work of the Ukrainian organizations of the Communist Youth League] Pokhid u kul'turu; z dosvidu roboty komsomol's'kykh organizatsii Ukrainy po kul'turnomu budivnytstvu. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1960. 41 p.

MOSCOW. AKADEMIIA OBSHCHESTVENNYKH NAUK. [Problems in the economics of socialism] Voprosy politicheskoi ekonomii sotsializma, diskussiia. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1961. 400 p.

MOSCOW. INSTITUT MEZHDUNARODNYKH OTNOSHENII. [Monopolistic capital in imperialism] Monopolisticheskii kapitalizm - imperializm; uchebnoe posobie. Pod red. E. IA. Pregelia. Moskva, Izd-vo IMO, 1961. 551 p.

MOSCOW. UNIVERSITET. Iuridicheskii fakul'tet. Kabinet gosudarstva i prava zarubezhnykh stran. [Juvenile delinquency and its prevention in foreign countries] Prestupnost' nesovershennoletnikh i bor'ba s nei v zarubezhnykh stranakh. [Moskva] Izd-vo Mosk. univ., 1961. 169 p.

MOSHENSKII, M. G. [Wage forms and systems in the industry of capitalist countries] Formy i sistemy zarabotnoi platy v promyshlennosti kapitalisticheskikh stran. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 301 p.

MOVENKO, I. M. [In my brigade] V moei brigade. [Khar'kov] Khar'kovskoe knizhnoe izd-vo, 1961. 15 p. (Peredoviki semiletki)

NAUCHNOE SOVESHCHANIE O PRIMENENII MATEMATICHESKIKH METODOV V EKONOMICHESKIKH ISSLEDOVANIIAKH I PLANIROVANII. 1960. [Works of the Scientific Conference on the Use of Mathematical Methods in Economic Planning and Research] Trudy. Moskva, Izd-vo Akad. nauk SSSR.
Vol. 4. [Linear programming] Lineinoe programmirovanie. 1961. 126 p.

NEMCHINOV, V. S., ed. [Use of mathematics in economic research] Primenenie matematiki v ekonomicheskikh issledovaniiakh. Moskva, Izd-vo sotsial'no-ekon. lit-ry.
Vol. 2. 1961. 534 p.

NIAZBERDYEV, MUKHAMMIT. [Material and technical aid given by the working class to the Turkmen peasants "Dekhkane."] Turkmen dalkhanlaryna ishchiler synpynyn kömechilik-tehnikt kömegi. Ashgabat, Turkmenistan döwlet neshirlaty, 1961. 79 p. [In Turkmen]

NOGINA, O. P. [Organization and work of day nurseries] Organizatsiia i rabota iaslei; rukovodstvo dlia zaveduiushchikh iasliami i nerabotaiushego personala iaslei i iaslei-sadov. Moskva, Medgiz, 1961. 185 p. (Biblioteka prakticheskogo vracha)

NOSILOVSKII, A. D. [The future is with us] Budushchee rialom s nami. Minsk, Gos. izd-vo BSSR. Red. massovo-polit. lit-ry, 1961. 66 p.

NOVIKOV, V. N. [State plan for the development of the Soviet national economy in 1962; a report and closing argument at the seventh session of the Fifth Supreme Soviet of the U.S.S.R., December 6 and 8, 1961. The law on....] O gosudarstvennom plane razvitiia narodnogo khoziaistva SSSR na 1962 god; doklad i zaklliuchitel'noe slovo na VII sessii Verkhovnogo Soveta SSSR piatogo sozyva 6 i 8 dekabria 1961 goda. Zakon... Moskva, Izd-vo ekon. lit-ry, 1961. 30 p.

NURM, E., E. RAIET, and M. KINDLAM, compa. [Dictionary of political and economic terminology] Politika ja majanduse oskussonastik. Tallinn, Eesti Riiklik Kirjastus, 1956. 361 p.

OBRAZTSOVA, L. IU. [Look for the good in man] Ishchi v cheloveke khoroshee. [Leningrad] Lenizdat, 1961. 66 p. (Vospitaem cheloveka budushchego)

OKORODNIK, S. IA. [Everything for the welfare of the people] Vse dlia blaha narodu. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1961. 43 p.

[ON THE BORDER OF OUR HOMELAND, sketches] U rodnogo rubezha, ocherki. Erevan, Aiastgosizdat, 1961. 66 p.

ORUDZHEV, M. G. [History of the penetration of German imperialism into Turkey, from the late 19th century to 1914] Iz istorii proniknoveniia nemetskogo imperializma v Turtsiiu, s kontsa XIX veka po 1914 god. Baku, Azerbaidzhanskoe Gos. izd-vo, 1961. 99 p.

OSIPOV, V. T. [Freight routing and improvements of the efficiency] Marshrutizatsiia perevozok i povyshenie ee effektivnosti. Moskva, Izd-vo Akad. nauk SSSR, 1961. 217 p.

OSTROVS, J. [Cultural revolution in Latvia] Kulturas revolucija Latvija. Rīga, Latvijas Valsts Izdevniecība, 1960. 350 p. [In Latvian]

[OVER THE WIDE-OPEN SPACES OF THE REPUBLIC] Respublikamyzyn giuletliktertine aytkakt. Ashgabat, "Sovet Turkmenistany" gazetinin redaktri, 1961. 180 p. [In Turkmen]

PERLOV, I. N. [Calculation and analysis of the economic activity of a refractories plant] Uchet i analiz khoziaistvennoi deiatel'nosti ogneupornogo zavoda. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 315 p.

PISHKIN, I. S. [Soviet metallurgists surpass American ones; from the creative practice of workers and specialists of pyrometallurgy] Sovetskie metallurgi obgonialut amerikanskikh. Iz tvorcheskogo opyta rabochikh-masterov ognevogo truda. [Moskva] Izd-vo VTsSPS Profizdat, 1961. 188 p. (Massovaia biblioteka rabochego)

PETROV, D. I. [Let us work the communist way] K trudam po kommunisticheskii. Minsk, Gos. izd-vo BSSR. Red. proizvodstvenno-lit-ry, 1961. 38 p.

PISKOTIN, M. I. [Budgetary rights of the local soviets of workers' deputies] Biudzhetnye prava mestnykh Sovetov deputatov trudiashchikhsia. Moskva, Gos. izd-vo iur. lit-ry, 1961. 371 p.

[PLANNING THE PRODUCTION AND FINANCIAL OPERATIONS OF A STATE FARM] Planirovanie proizvodstvenno-finansovoi deiatel'nosti sovkhoza. Moskva, Vses. zaochnye sel'skokhoz. kursy.
No 2. Motov, S. I. [Financial planning on state farms] Finansovoe planirovanie v sovkhozakh. 1959. 131 p.
[MICROFILM]

PODKOLZIN, A. M. [Developing the national economy of the U.S.S.R. in 1950-1959] Razvitie narodnogo khoziaistva SSSR v period 1946-1959 gg. Moskva, M-vo vysshego i srednego spetsial'nogo obrazovaniia RSFSR, 1959. 41 p.
[MICROFILM]

PODOROV, G. M. [Socialist labor discipline] O sotsialisticheskoi distsipline truda. [Leningrad] Lenizdat, 1961. 50 p. (Osnovy ekonomicheskikh znanii kazhdomu rabochemu)

POLETAEV, V. E. [On the road to a new Moscow; the beginning of the modernization of the capital, 1917-1935] Na putiakh k novoi Moskve; nachalo rekonstruktsii stolitsy, 1917-1935. Moskva, Izd-vo Akad. nauk SSSR, 1961. 198 p.

POPOV, D. M., and I. M. DORNYL. [Plans for the dispatching and regulation of mail flows] Plany napravleniia i regulirovanie pochtovykh potokov. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1961. 80 p.

POPOV, E. V. [Removing existing distinctions between city and country, between intellectual and physical work] Shekher bilen ataryn arasyndaky, ukyl nekhmeti bilen ilaiki zökhmetin arasyndaky dapdi tapawutlaryn ok edilmegi khakynda. Ashgabat, Turkmenistan döwlet neshirlaty, 1961. 45 p. [In Turkmen]

POPOV, V. [Disturbers of the dead calm] Vozmutiteli spokoistviia. Moskva, Gos. izd-vo polit. lit-ry, 1961. 30 p. (Kommunizm i chelovek)

[PROBLEMS IN TRADE-UNION WORK; consultations, comments and answers to questions] Voprosy profsoiuznoi raboty, konsul'tatsii, komm entarii, otvety na voprosy. [Moskva] Izd-vo VTsSPS Profizdat, 1961. 399 p.

PUHAUKA, L. K. [We shall carry out the seven-year plan ahead of schedule] Siamthoiku vykanaem daiterminova. Minsk, Dziarzh. vyd-va BSSR. Red. sel'skahaspadarchai lit-ry, 1961. 77 p.

BESSUDNOV, S.I. [International significance of the program of the CPSU] Mezhdunarodnoe znachenie programmy KPSS. Moskva, Izd-vo "Znanie," 1961. 78 p. (Narodnyi universitet kul'tury. Obshchestvenno-politicheskii fakul'tet, no 11/12)

BRANDT, E. [Equal among equals] Voldne vordsete hulgas Tallinn, Eesti Riiklik Kirjastus, 1960 177 p [In Estonian]

CHERKASHINA, L.E. [Our true friends, role of literature in the ideological-political education of youth] Nashi virni druzi, rol' khudozhn'oi literatury v ideino-politychnomu vykhovanni molodi. Kyiv, 1961. 37 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 10, no. 9)

[CONCISE HISTORY OF THE COMMUNIST PARTY OF SPAIN] Istoriia Kommunisticheskoi partii Ispanii; kratkii kurs Moskva, Gos. izd-vo polit. lit-ry, 1961. 287 p.

CONFERENCE OF REPRESENTATIVES OF COMMUNIST AND WORKERS' PARTIES. Moscow, 1960 [Documents of the Conference of the Representatives of Communist and Workers' Parties] Dokumenty Narady predstavnykiv komunistychnykh i robitnychykh partii. Kyiv, Derzh vyd-vo polit. lit-ry URSR, 1960. 58 p

DEVIATKINA, T.F. [Abolition of principalities in present-day India] Likvidatsiia knia'zhestv v sovremennoi Indii. Moskva, Izd-vo vostochnoi lit-ry, 1961. 131 p

DONZOV, D. [The invisible tablets of Taras Shevchenko, the mystique of Ukrainian Zaporogian chivalry] Nezrymi skrvzhali kobzaria, mistyka lytsarstva zaporoz'koho. Toronto, Ont., Kanada, Nakladom Vyd-va "Homin Ukrainy," 1961. 230 p.

EESTIMAA KOMMUNISTIK PARTEI. Keskkomitee. Partei Ajaloo Instituut. [Outline history of the Communist Party of Estonia] Ocherki istorii Kommunisticheskoi partii Estonii. Pod red. A. Pankseeva, A. Libmana. Tallin, Estonskoe Gos. izd-vo.
Pt. 1. [(From 1900 to 1920)] 90-e gody XIX veka - goda, 1920 god.

EGOROVA, N.A. [A country behind bars] Strana za reshetkoi. Moskva, Gos. izd-vo polit. lit-ry, 1961. 61 p.

ESTONIAN S.S.R. Ulemnoukogu [Meetings of the Fifth Supreme Soviet of the Estonian S.S.R., fourth session. January 5-6, 1961] Eesti NSV Ulemnoukogu viienda koosseisu, neljas istungjark, 5-6 jaanuaril 1961; stenogramm. Tallinn, Eesti Riiklik Kirjastus, 1961. 178 p. [In Estonian]

IUL'SKII, R.V. [On the road] V puti. Moskva, Gos izd-vo polit lit-ry, 1961 210 p. (Povesti o delakh i liudiakh partii)

[IN THE MAIN DIRECTION, from the work practice of the soviets of worker deputies] Na glavnom napravlenii; iz opyta raboty Sovetov deputatov trudiashchikhsia. Moskva, Izd-vo "Izvestiia," 1961. 151 p.

KALININ, G.S. [The Soviet state and law in the period of the consolidation of Soviet rule, October 1917-July 1918] Sovetskoe gosudarstvo i pravo v period uprocheniia Sovetskoi vlasti, oktiabr' 1917 - iiul' 1918 gg., lektsii dlia studentov VIUZI. Moskva, Vses. iurid. zaochnyi in-t.
No. 1. 1960. 88 p.

KOLOMIETS, G.N. [Spain today] Ispaniia segodnia. Moskva, Gos. izd-vo polit. lit-ry, 1961. 60 p.

KOMMUNISTICHESKAIA PARTIIA SOVETSKOGO SOIUZA. 22. s"ezd, Moscow, 1961. [The 22d Congress of the Communist Party of the Soviet Union. Verbatim report] Stenograficheskii otchet. Moskva, Gos. izd-vo polit. lit-ry.
Vols. 1-2. 1962.

KORNIIENKO, E.A. [Against the present-day revisionist interpretation of some problems concerning the dictatorship of the proletariat] Protiv *sovbasnogo revizionizmu* v pytanniakh dyktatury proletariatu. Kyiv, 1961. 47 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. I, no. 21)

KORTUNOV, V.V. [The strength of the working masses is in their unity] V edinstve-sila trudiashchikhsia mass. Moskva, Gos. izd-vo polit. lit-ry, 1961. 157 p.

KUTSAR-ZABRODSKAJA, S. [Estonian Communist party during the 1940 socialist revolution] Eestimaa Kommunistlik Partei 1940 aasta sotsialistlikus revolutsionnis. Tallinn, Eesti Riiklik Kirjastus, 1960. 160 p. [In Estonian]

LATVIJAS KOMUNISTISKA PARTIJA. Partijas vesturas instituts, Riga. [V.I. Lenin; brief sketch of his life] V.I. Lenins, isa biografiska apraksts. Riga Latvijas Valsts izdevnieciba, 1960. 148 p. [In Latvian]

LENIN, V.I. [Complete collected works] Polnoe sobranie sochinenii. Izd. 5. Moskva, Gos. izd-vo polit. lit-ry.
Vol 25. [March-July, 1914] Mart - iiul' 1914. 1961. 646 p.

LISOVSKII, V.I. [International law and the 15th session of the General Assembly of the United Nations] Mezhdunarodnoe pravo i XV sessiia General'noi Assamblei OON. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 38 p

LITHUANIAN S.S.R. Aukschiausioji Taryba. [Meetings of the Fifth Supreme Soviet of the Lithuanian S.S.R., second session, November 24-26, 1959. Verbatim report] Vtoroia sessiia Verkhovnogo Soveta Litovskoi SSR (piatogo sozyva) 24-26 noiabria 1959 g., stenograficheskii otchet Vilnius, Gos. izd-vo polit. i nauch lit-ry Litovskoi SSR, 1960 213 p.

LITHUANIAN S.S.R. Aukschiausioji Taryba. [The solemn fourth session of the Fifth Supreme Soviet of the Lithuanian S.S.R., July 21, 1960, verbatim report] Torzhestvennaia chetvertaia sessiia Verkhovnogo Soveta Litovskoi SSR (piatogo sozyva) 21 iiulia 1960 goda, stenograficheskii otchet Vilnius, Gos. izd-vo polit. i nauchn lit-ry Litovskoi SSR, 1960 130 p.

[THE LIVING WORD; practices in propaganda work with the masses] Zhivoe slovo; iz opyta propagandistskoi i agitatsionno-massovoi raboty. [Voronezh] Voronezhskoe knizhnoe izdatel'stvo, 1959. 140 p

LOPUKHOV, B.R. [Establishment of the Italian Communist Party] Obrazovanie ital'ianskoi Kommunisticheskoi partii. Moskva, Izd-vo Akad. nauk SSSR, 1962. 130 p.

MADOR, IU.P. [Sierra Leone yesterday and today] S'erra-Leone vchera i segodnia Moskva, Izd-vo In-ta mezhdunarodnykh otnoshenii, 1961 70 p.

MALININ, S.A., and V.G. ONUSHKIN. [International cooperation in the field of the peaceful use of atomic energy] Mezhdunarodnoe sotrudnichestvo v oblasti mirnogo ispol'zovaniia atomnoi energii. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961 125 p.

MAMEDOV, I., and IA. NUDEL'MAN [Party control in operation] Partiia kontroli amalda. Toshkent, "Kizil Uzbekiston," "Pravda Vostoka" va Uzbekistoni Surkh" bir lashgan nashr'iëti, 1961 19 p. [In Uzbek]

MARKHANOV, B.K. [The struggle of the Communist Party of White Russia to strengthen the unity of its ranks from 1921 to 1925] Bor'ba Kommunisticheskoi partii Belorussii za ukreplenie edinstva svoikh rabotnikov v 1921-1925 gg. Minsk, Izd-vo M-va *vysshego*, srednego spetsial'nogo i professional'nogo obrazovaniia BSSR, 1961. 173 p.

MARX, KARL, and FRIEDRICH ENGELS. [Manifesto of the Communist Party. Translated from the German] Manifest Kommunisticheskoi partii. Moskva, Gos. izd-vo polit. lit-ry, 1961. 70 p.

MAZHEIKA, M.A. [This proves our consciousness and strength] Dokaz nashei chyistini i sily Minsk, Dziarzh. vyd-va BSSR Red. mastsava-palit. lit-ry, 1961. 56 p. (Z vopytu partiynai raboty)

MOSCOW. INSTITUT ISTORII PARTII. [Outline history of the Communist Party of White Russia] Ocherki istorii Kommunisticheskoi partii Belorussii. Minsk, Gos. izd-vo BSSR Red. sotsial'no-ekon. lit-ry.
Pt. 1. 1883-1920 gg. 1961. 398 p.

NEZHINSKII, L.N., and A.I. PUSHKASH. [Struggle of the Hungarian people for the establishment and consolidation of the Hungarian people's democracy] Bor'ba vengerskogo naroda za ustanovlenie i uprochenie narodno-demokraticheskogo stroia. Moskva, Izd-vo Akad. nauk SSSR, 1961. 551 p.

NOVIKOV, A.I. [Reactionary nature of bourgeois ideology] Reaktsionnaia sushchnost' burzhuaznoi ideologii. [Leningrad] Lenizdat, 1961. 90 p. (Kritika sovremennoi burzhuaznoi ideologii)

OSTROUKHOVA, K.A. [The Sixth (Prague) All-Russian Conference of the Russian Social Democratic Party] Shestaia (Prazhskaia) Vserossiiskaia konferentsiia RSDRP. Moskva, Gos. izd-vo polit. lit-ry, 1961. 86 p. (S"ezdy, konferentsii i plenumy TsK KPSS)

PANKSEJEV, A. [Estonian Communist Party in its struggle for strengthening the union between the working class and the peasantry during the period 1944-1960] EKP voitlus toolisklassi ja talurahva liidu kindlustamise eest aastail 1944-1960. Tallinn, Eesti *Riiklik Kirjastus, 1961.* 151 p. [In Estonian]

POHORIL'TSEV, O.IA. [Let's go the road of labor!] Chest' i khvala pratsi. [Kharkiv] Kharkivske knyzhkove vyd-vo, 1961 24 p (Agitator dilyanki chy fermy)

PRITS, I. [Education in a pioneer organization] Kasvatusest pioneerorganisatsioonis Tallinn, Eesti Riiklik Kirjastus, 1960. 61 p [In Estonian]

PUTSYLEU, S.M. [Leninist unity of the party will ensure the successful building of communism] Leninskoe edinstvo partyi - zalog preodolenovaniia bud'mutnoi kamunizma. Minsk, Dzhiarzh vyd va BSSR Red sadavtal'na-ekon lit-ry, 1961 89 p

ROSLIAKOV, A.A. [How socialism was established in Turkmenistan] Turkmenistanda sotsializmin esaslarynyn guruldy. Ashgabat, Turkmenistan dovlet neshirlaty, 1961. 195 p. [In Turkmen]

ROY, JULES [The Algerian war] Translated from the French Preface by V. Shatrov] Al'bir-ie voina Red. I. Kelarev Moskva, Izd-vo inostr. lit-ry, 1961 420 p.

RYBKIN, P.A. [Training of young communists] Vospitanie molodykh kommunistov. Moskva, Voen. izd-vo M-va oborony SSSR, 1961. 62 p. (V pomoshch' sekretariu partiinoi organizatsii)

SANUKOV, K.N., and I.P. KRYLOV, eds. [Forty years of the Communist Youth League of the Mari A.O.R.] Marliiskomu komsomolu 40 let. Ioshkar-Ola, Marliiskoe knizhnoe izd-vo, 1961. 141 p.

SCHNEIDER, H., comp. [Deputy's manual] Rahvasaadiku kasiraamat. Tallinn, Eesti Riiklik Kirjastus, 1959 317 p. [In Estonian]

SEMEVSKII, B.N. [At a map of the world] U karty mira. Moskva, Izd-vo "Znanie," 1961. 16 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 12, Geologiia i geografiia, no. 20)

SIKORSKII, V.M., and F.P. RIMYGOV, eds. [Marxist Leninist program of the international communism movement; based on the materials of the Conferences of Representatives of Communist and Workers' Parties held in 1957 and 1960] Marksistsko leninskaia programma mezhdunarodnogo kommunisticheskogo dvizheniia; po materialam Soveshchanii pred stavitelei kommunisticheskikh i rabochikh partii v 1957, 1960 gg. Minsk, Izd-vo M va vyshchego, srednego spetsial'nogo i professional'nogo obrazovaniia, BSSR, 1961. 183 p.

SMIRNOV, N.K. [It is possible to prevent war] Voinu mozhno predotvratit'. Pol oblichet. red. I.V. Ilusova, [Leningrad] Lenizdat, 1960. 11 p. (Beseady na politicheskie temy)

SUIARKO, L.O. [The wind of freedom over Angola] Viter svobody nad Angoloiu Kyiv, 1961 [--] p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. I, no 7)

SUSLOV, M.A. [Results of the Conference of the Representatives of Communist and Workers' Parties, a report at the Plenary session of the Central Committee of the CPSU, January 10, 1961] Ob itogakh soveshchaniia predstavitelei kommunisticheskikh i rabochikh partii; doklad na Plenume TsK KPSS 10 ianvarka 1961 goda. Moskva, Gos. izd-vo polit. lit-ry, 1961. 19 p.

TITOV, L.M. [For new forms of party propaganda] Za novi formy partiinoi propagandy. [Kharkiv] Kharkivs'ke knizhkove vyd-vo, 1960. 44 p. (Bibliotechka propagandysta)

[TO THE PEOPLE OF THE WHOLE WORLD, the "military coup" fabricated by the American imperialists in South Korea, and their crimes] K narodam vsego mira; o "voennom perevorote," sfabrikovannom amerikanskimi imperialistami v IUzhnoi Koree, i ikh prestupleniiakh. Pyongyang, Izd-vo lit-ry na inostr. iazykakh, 1961. 34 p.

TURKMEN S.S.R. Verkhovnyi Sovet. [Meetings of the Fifth Supreme Soviet of the Turkmen S.S.R., third session, November 26-27, 1959. Verbatim report] Zasedaniia Verkhovnogo Soveta Turkmenskoi SSR, piatogo sozyva, tret'ia sessiia (26-27 noiabria 1959 *goda; stenograficheskii* otchet. Ashgabat, Turkmenistan dovlet neshirlaty, 1960. 257 p. [Parallel texts in Turkmen and Russian]

VUL'FOV, B.Z. [School Communist Youth League; role of the Communist Youth League organization in the social and political training of students] Shkol'nyi komsomol; rol komsomol'skoi organizatsii v obshchestvenno-politicheskom vospitanii shkol'nikov. Moskva, Izd-vo "Znanie," 1961. 30 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 11, Pedagogika, no. 21)

7. LAW

AKADEMIIA NAUK SSSR. Institut slavianovedeniia. [Comprehensive and condensed versions of "Legal rules for people"] Zakon Sudnyi liudem, prostrannoi i svobodnoi redaktsii. Podgotovili k pechati M. N. Tikhomirov, L. V. Milov. Pod red. M. N. Tikhomirova. Moskva, Izd-vo Akad. nauk SSSR, 1961. 284 p.

ALEKSANDROV, N. G. [The development of labor law in the period between the 20th and the 22d Congresses of the CPSU] Novoe v razvitii trudovogo prava v period mezhdu XX i XXII s"ezdami KPSS. [Moskva] Izd-vo Mosk. univ., 1961. 333 p.

ANZILOTTI, DIONSIO. [International law course] Kurs mezhdunarodnogo prava. Pod red. i s predisl. D. B. Levina. Moskva, Izd-vo inostr. lit-ry.
Vol. 1. [Preface and general theory Translated from the Italian] Vvedenie - Obshchaia teoriia. 1961. 446 p.

CHERKASSY (Province) Oblastnoi sovet profsoiuzov. [Collection of the most important laws and regulations concerning the work of women, adolescents, and minors] Sbornik vazhneishikh zakonov i postanovlenii o trude zhenshchin, podrostkov i molodezhi. Cherkassy, 1959. 98 p.
[MICROFILM]

D'IACHENKO, M. S., and T. V. MAL'KEVICH. [Methodological advice to students of the course "Public prosecution in the U. S. S. R."] Uchebno-metodicheskie ukazaniia po izucheniiu kursa "Prokurorskii nadzor v SSSR." Moskva, Vses. iurid. zaochnyi in-t, 1960. 53 p.
[MICROFILM]

ESTONIAN S. S. R. Law, statutes, etc. [Criminal procedure code of the Estonian S. S. R.] Eesti NSV kriminaalprotsessi koodeks. Tallinn, Eesti Riiklik Kirjastus, 1961. 213 p. [In Estonian]

ESTONIAN S. S. R. Laws, statutes, etc. [From the history of constitutional legislation of Soviet Estonia, collection of documents] Noukogude Eesti konstitutsioonilise seadusandluse ajaloost; dokumentide kogumik. Toimetanud J. Saat. Tallinn, Eesti Riiklik Kirjastus, 1960. 436 p. [In Estonian]

GURVICH, M. A. [Methodological instructions for students of the Soviet civil procedure course] Uchebno-metodicheskie ukazaniia po izucheniiu kursa sovetskogo grazhdanskogo protsessual'nogo prava. Moskva, M-vo vysshego i srednego spetsial'nogo obrazovaniia RSFSR, 1960. 20 p.

GURVICH, M. A. [Suspension of the statute of limitations in Soviet civil law] Prisekatel'nye sroki v sovetskom grazhdanskom prave. Moskva, Vses. iurid. zaochnyi in-t, 1961. 78 p.

GUTSENKO, K. F. [American courts and their class nature] Sudebnaia sistema SShA i ee klassovaia sushchnost'. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 150 p.

IAVICH, L. S. [Problems of the legal regulation of Soviet social relations] Problemy pravovogo regulirovaniia sovetskikh obshchestvennykh otnoshenii. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 170 p.

KOLBASOV, O. S., comp. [Collected legislative enactments concerning conservation] Okhrana prirody, sbornik zakonodatel'nykh aktov. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 383 p.

KOMAROV, B. K. [Contracts for the sale of merchandise on commission according to Soviet law] Dogovor komissii po sovetskomu pravu. [Moskva] Izd-vo Mosk. univ., 1961. 51 p.

LENIN, V. I. [V. I. Lenin on socialist legality] V. I. Lenin o sotsialisticheskoi zakonnosti. [Izd. 2., dop.] Moskva, Gos. izd-vo polit. lit-ry, 1961. 558 p.

LENINGRAD, UNIVERSITET. [Legal reference book for the Soviet public] Iuridicheskii spravochnik dlia naseleniia. Izd. 2., ispr. i dop. [Leningrad] Izd-vo Leningr. univ., 1960. 211 p.

MAKOVSKII, A. L. [Legal regulation of freight transportation by sea] Pravovoe regulirovanie morskikh perevozok gruzov. Moskva, Izd-vo "Morskoi transport," 1961. 310 p.

MIKHAILOVSKAIA, I. B. [Fellow workers' courts are an important means of the communist education of the masses] Tovarishcheskii sud - vazhnoe sredstvo kommunisticheskogo vospitaniia mass. Moskva, Izd-vo "Znanie," 1961. 31 p. (Vsesoiuznoe obshchestvo p'o rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 2. Filosofiia, no. 21)

MOZHEIKO, V. N. [Legal persons according to Soviet civil law] Iuridicheskie litsa po sovetskomu grazhdanskomu pravu, uchebnoe posobie po kursu "Sovetskoe pravo." Moskva, Vses. zaochnyi finansovo-ekon in-t, 1959. 43 p.
[MICROFILM]

NODEL', B. I., and S. S. SHAPOSHNIKOV. [Rights and obligations of the sales personnel of government-owned stores] Trudovye prava i obiazannosti rabotnikov gosudarstvennoi torgovli. Moskva, Gos. izd-vo torg. lit-ry, 1960. 102 p.

POBIRCHENKO, I. G. [Examination of claims in state arbitration agencies] Rassmotrenie del v gosudarstvennom arbitrazhe. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 73 p. (Bibliotechka khoziaistvennika i rabotnika iuridicheskoi sluzhby)

PUSHECHNIKOV, A. G., and B. P. TIMOKHOVICH. [The Soviet public and the struggle against crime] Obshchestvennost' i bor'ba s prestupnost'iu. Alma-Ata, Kazakhskoe Gos. izd-vo, 1960. 42 p.

RANDALU, H. [Educational tasks of the Soviet court and the participation of the community in the administration of justice] Noukogude kohtu kasvatuslikud ülesanded ja ühiskonna osavõtt õigusemõistmisest. Tallin, Eesti Riiklik Kirjastus, 1960. 61 p. [In Estonian]

RUSSIA. Laws, statutes, etc. ["Military articles" of Peter I, materials for the study of the state and law of the U. S. S. R.] Voinskie ustavy Petra I, materialy po izucheniiu istorii gosudarstva i prava SSSR. Moskva, 1960. 49 p.

RUSSIA (1917- U. S. S. R.) Laws, statutes, etc. [The code of laws on marriage, family, and guardianship of the R. S. F. S. R. Official text with amendments as of February 1, 1961 and supplementary materials on the articles] Kodeks zakonov o brake, sem'e i opeke RSFSR. Ofitsial'nyi tekst s izmeneniiami na 1 fevralia 1961 g. i s prilozheniem poiatneino-sistematizirovannykh materialov. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 199 p.

RUSSIA (1923- U. S. S. R.) Laws, statutes, etc. [Laws governing major construction work in the U. S. S. R.] Zakonodatel'stvo o kapital'nom stroitel'stve v SSSR. Moskva, Gos. izd-vo iurid. lit-ry.
Vol. 1. 1961. 704 p.
Vol. 2. 1961. 621 p.

RUSSIA (1923- U. S. S. R.) Law, statutes, etc. [Theoretical and practical commentaries to the "Basic Principals of the Criminal Law of the U. S. S. R. and the Union Republics"] Nauchno-prakticheskii Kommentarii k osnovam ugolovnogo zakonodatel'stva Soiuza SSR i soiuznykh respublik. Izd. 2. Otv. red. V. D. Men'shagin, P. S. Romashkin. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 190 p.

RUSSIA (1923- U. S. S. R.) Law, statutes, etc. [Theoretical and practical commentaries to the "Basic Principals of the Criminal Procedure Law of the U. S. S. R. and the Union Republics"] Nauchno-prakticheskii kommentarii k osnovam ugolovnogo sudoproizvodstva Soiuza SSR i soiuznykh respublik. Izd. 2., ispr. i dop. Pod red. i s predisl. V. A. Boldyreva. Moskva, Gos. izd-vo iurid. lit-ry, 366 p.

SILVET, E. [Electoral procedure for delegates of the working people of Local Councils in the Estonian S. S. R.] Eesti NSV kohalike tööraavi saadikute noukogude valimiste kord. Tallinn, Eesti Riiklik Kirjastus, 1961. 20 p. [In Estonian]

SILVET, E. [How are the District (Town) People's Courts elected in the Estonian S. S. R., election procedure in question-and-answer form] Kuidas valitakse Eesti NSV rajoonide (linnade) rahvakohtud; valimiste kord küsimustes ja vastustes. Tallinn, Eesti Riiklik Kirjastus, 1960. 26 p. [In Estonian]

SOLODKIN, I. I. [Outline history of Russian criminal law; from 1800 to 1825] Ocherki po istorii russkogo ugolovnoe prava; period chetvert' XIX v. [Leningrad] Izd-vo Leningr. univ., 1961. 169 p.

[SOVIET CRIMINAL LAW; general part] Sovetskoe ugolovnoe pravo; chast' obshchaia. Moskva, M-vo vysshego i srednego spetsial'nogo obrazovaniia RSFSR
No. 4. Gel'fer, M. A. [Elements of a crime] Sostav prestupleniia. 1960. 10 p.
[MICROFILM]

STOZHAROV, N. IA. [Basic problems of Soviet housing law; a handbook for the Soviet public] Osnovnye voprosy sovetskogo zhilishchnogo zakonodatel'stva; spravochnyi material dlia naseleniia. Minsk, Gos. izd-vo BSSR, Red. nauchno-tekhn. lit-ry, 1961. 104 p.

TURKMEN S. S. R. Laws, statutes, etc. [Statute on elections to the district (city) people's courts of the Turkmen S. S. R.] Türkmenistan SSR-niñ raion (shäkher) khalk sudlarynyn saylawlary khakynda düzgunnama. Ashgabat, Turkmenistan döwlet neshirlaty, 1960. 20 p. [In Turkmen]

VOLKOV, B. S. [Liability for destroying and inflicting damage to property in Soviet criminal law] Otvetstvennost' za unichtozhenie i povrezhdenie imushchestva po sovetskomu ugolovnomu pravu. [Kazan'] Izd-vo Kazanskogo univ., 1961. 89 p.

WHITE RUSSIA. Laws, statutes, etc. [Housing law] Zhilishchnoe zakonodatel'stvo. Minsk, Izd-vo M-va vysshego, srednego spetsial'nogo i professional'nogo obrazovaniia BSSR, 1961. 360 p.

ZELIKSON, E. S., and A. D. PLATUNOV. [Procedure in the election to the people's courts] Poriadok vyborov narodnykh sudov. Alma-Ata, Kazakhskoe gos. izd-vo, 1960. 30 p.

8. EDUCATION

AKADEMIIA PEDAGOGICHESKIKH NAUK RSFSR, Moscow. Institut teorii i istorii pedagogiki. Educational work of students of grades 6-11] Vospitatel'naia rabota s uchashchimisia IX-XI klassov; posobie dlia klassnykh rukovoditelei, uchitelei i direktorov srednikh obshcheobrazovatel'nykh trudovykh politekhnicheskikh shkol s proizvodstvennym obucheniem. Pod red. I. S. Mar'enko. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1961. 262 p.

AKADEMIIA PEDAGOGICHESKIKH NAUK RSFSR, Moscow. Institut teorii i istorii pedagogiki. [Educational work with grade 6-8 students; manual for class advisers, teachers and principals of the eight-year and secondary schools] Vospitatel'naia rabota s uchashchimisia V-VIII klassov; posobie dlia klassnykh rukovoditelei, uchitelei i direktorov vos'miletnikh i srednikh shkol. Pod red. N. I. Monakhova, V. I. Bol'shakova. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1961. 204 p.

BARATOV, M. [From the history of the struggle for education in Uzbekistan] Üzbekistanda ma"rifat uchun kurash tarikhidan. Toshkent, Üzbekiston SSR Fanlar akademiiasi nashriieti, 1961. 93 p. [In Uzbek]

BERNSHTEIN, M. S. [Schools and pedagogics in capitalist countries] Shkola i pedagogika v kapitalisticheskikh stranakh. Moskva, Izd-vo "Znanie," 1961. 37 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 11, Pedagogika, no 22)

[BRODERSEN'S DREAMS AND SOVIET REALITY] Mechty Brodersena i sovetskaia deistvitel'nost'. [Moskva, Izd-vo "Molodaia gvardiia," 1961] 10 p.

BURA, O. E., and GORBUNOV, V. V. [Laptu; a Russian game of darting] Russkaia udalaia, laptu. Moskva, Izd-vo "Fizkul'tura i sport," 1961. 39 p.

[CALENDAR FOR ATHLETES, 1961] Fizkultūras kalendars 1961 gadam. Riga, Latvijas Valsts Izdevniecība, 1960. 278 p. [In Latvian]

[CONQUERED HEIGHT, tales about athletes] Pokorennaia vysota; rasskazy o sportsmenakh. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1961. 107 p.

[DEVELOPMENT AND TRAINING OF SMALL CHILDREN] Razvitie i vospitanie rebenka rannego vozrasta. [By] A. I. Amel'kina i dr. Moskva, Medgiz, 1960. 108 p. (Biblioteka srednego medrabotnika)

FILIPPOVA, L. V., and I. V. FILIPPOV. [There are no miracles] Chudes ne byvaet. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1961. 70 p.

[GAMES, RECREATIONS, TRICKS] Igry, razvlecheniia, fokusy. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 70 p. (Biblioteka sel'skogo klubnogo rabotnika)

GONCHAROV, N. K. [Program of the CPSU in the field of education] Programma KPSS v oblasti narodnogo obrazovaniia. Moskva, Izd-vo "Znanie," 1961. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 11, Pedagogika, no. 24)

GORODILOVA, V. I., and N. I. KUZ'MINA. [Correction of speech defects in rhinolalia cases, handbook for speech correction teachers] Ustranenie nedostatkov proiznosheniia pri rinolalii, posobie dlia uchitelei-logopedov. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 213 p.

ISMAILOV, R I , and M F NORKIN [Russian-Uzbek dictionary on physical education and sports] Ruscha-Ŭzbekcha fizkul'tura va sport terminlari izohli lugati Toshkent, Ŭzbekiston davlat nashriёti, 1961 95 p [In Uzbek]

IVASHCHANKA, A. [A "university of culture" on a state farm] Universitet kul'tury u sauhase. Minsk, Dzlarzh. vyd-va BSSR Red. masava-palitychnai lit-ry, 1961. 16 p.

KEL', O. S. [Birth of a Pioneer collective, the organization of a primary collective for children in a boarding school] Rozhdenie pionerskogo kollektiva, opyt organizatsii pervichnogo kollektiva detei v shkole-internate. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1961. 91 p. (Pedagogicheskaia biblioteka uchitelia)

KRIUKOV, G. T. [Contact between teaching, training and socially useful work] Vobasta namudani ta"limu tarbiia bo mekhnati makhsulnok. Stalinobod, Nashrieti davlatii adabieti ta"limi-pedagog. vazorati maorifi RSS Tochikiston, 1961. 76 p. [In Tajik]

KULYEV, N. [The struggle against the survivals of capitalism is a constituent part of communist education] Zyianly galyndylara garshy goresh kommunistik terbiletin sostav bolegidir. Ashgabat, Turkmenistan dovlet neshiriaty, 1960. 68 p. [In Turkmen]

KUZ'MINA, N. V. [Forming pedagogical abilities] Formirovanie pedagogicheskikh sposobnostei. [Leningrad] Izd-vo Leningr. univ., 1961. 97 p.

LEHT, K., ed. [Atheistic education in schools] Ateistlik-kust kasvatusest koolis. Tallinn, Eesti Riiklik Kirjastus, 1960 71 p. [In Estonian]

LIBERMAN, M. KH. [Training workers in schools of progressive practice] Obuchenie rabochikh v shkolakh peredovogo opyta Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1961 54 p (V pomoshch' prepodavateliam i instruktoram dlia obucheniia rabochikh na proizvodstve)

MERENOV, I. V., and B. V. LAZAREV-STANISHCHEV. [Skin diving as a sport] Sportsmen-tegkovodolaz. Moskva, Voen. izd-vo M-va obor. SSSR, 1961 229 p.

MOROZOVA, N. A. [A. S. Makarenko, a seminar on his works] A. S. Makarenko; seminarii. Izd. 2., perer. Leningrad, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 239 p.

ROTBERG, G. KH [People's university of technical creativeness] Narodnyi universitet tekhnicheskogo tvorchestva. [Moskva] Profizdat, 1961 54 p.

SHAPAVAL, M. M. [Joint work of school and family in inculcating conscious discipline in students] Spil'na robota shkoly i sim'i u vykhovanni svidomoi dysteypliny uchniv. Kyiv, 1961. 46 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR Ser. 9, no. 12)

SHIRBAEV, M. [Uzbek folk wisdom on the education of youth] Ŭzbek khalk donishmandligi eshlar tarbiiasi tugrisida. Toshkent, "Kizil Ŭzbekiston," "Pravda Vostoka" va "Ŭzbekiston Sürkh" birlashgah nashriёti, 1961. 43 p. [In Uzbek]

[SOME ASPECTS OF TEACHING IN PRIMARY GRADES, from teachers' practice] Bashlangych klaslarda okatmagyn kёbir meseleleri; mugallymlarych ish tejribesinden Ashgabat, Turkmenistan dovlet okub-pedagogik neshiriaty, 1961 84 p [In Turkmen]

ommunist con-
ormirovanie
odogo pokolenila.
Izd-vo Akad.

textbook for
eachers] Pei-
h pedagogicheskikh
chebno-pedagog.
27 p.

's of Marxism-
its inculcation
sizmu-leninizmu
zdiisnennia u
(Tovarystvo
ovykh znan'

V PICTURES

INNAIA KONSER-
IEKOVA. [Azer-
izyka; sbornik
zd-vo, 1961.

BOGANOVA, T. V. [Russian national traditions in the music of S. S. Prokof'ev] Natsional'no-russkie traditsii v muzyke S. S. Prokof'eva Moskva, Sovetskii kompozitor, 1961. 161 p.

BUDASHKIN, N. P. [National music instruments] Narodnye muzykal'nye instrumenty. Moskva, Izd-vo "Znanie," 1961 36 p (Narodnyi universitet kul'tury. Fakul'tet literatury i iskusstva, no. 25)

[COLLECTION OF I 'SIAN ROMANCES AND SONGS] Russkie romansy i pesni, sbornik. Moskva, Izd-vo "Sovetskaia Rossiia," 1959. 248 p.

ELATAU, V. I. [From song to song] Ad pesni da pesni Minsk, Vyd-va Akad. navuk Belaruskai SSSR, 1961. 106 p

GANINA, M. A. [Aleksandr Konstantinovich Glazunov, his life and works] Aleksandr Konstantinovich Glazunov, zhizn' i tvorchestvo. Leningrad, Gos. muzykal'noe izd-vo, 1961. 389 p.

KREMNEV, B. G. [Beethoven] Betkhoven. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1961. 318 p. (Zhizn' zamechatel'nykh liudei. Serila biografii osnovana v 1933 godu M. Gor'kim, 12(326))

LUMET, H., comp [Theaters of Soviet Estonia] Teatry Sovetskoi Estonii. Tallinn, Estonskoe gos. izd-vo, 1956. 131 p. illus.

OKHLOPKOV, N. P [For all young people] Vsem molodym [Moskva] Izd-vo TsKVLKSM "Molodaia gvardiia," 1961 92 p.

SAVINSKII, S. I. [The pianist and his technique] Pianist i ego rabota. Leningrad, Sovetskii kompozitor, 1961. 269 p.

10. FINE ARTS

DOM DETSKOI KNIGI. [Life and works of I. I. Levitan, materials for school and children's library displays] Zhizn' i tvorchestvo I. I. Levitana; materialy dlia vystavki v shkole i detskoi biblioteke. Moskva, Gos. izd-vo detskoi lit-ry M-va prosv. RSFSR, 1961. 7 p. 28 plates.

ELIASBERG, N. E. [Raphael] Rafael'. [Moskva] Gos izd-vo "Iskusstvo," 1961. 52 p. illus.

FILIPPOV, V. A. [Drawing exercises for the eight-year schools, grades 5-7] Upiazhnenita po risovaniiu v vos'miletnei shkole; V-VII klassy. Pod red. N. N Rostovtseva. Moskva, Izd-vo Akad. pedagog nauk RSFSR, 1961. 62 p.

IERASIMOVICH, P. N. Anatol' Mikalaevich Tychyna. Minsk, Dziarzh. vyd-va BSSR Red. vyiaulenchai pradyktsyi, 1961. 68 p.

IGNAT'EV, E. I. [Psychology of the representational art of children] Psikhologiia izobrazitel'noi deiatel'nosti detei. Izd. 2., dop. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 222 p.

KARCHEUSKI, R. S. Mikalai Vasil'evich Duchyts. Minsk, Dzhiarzh vyd-vo BSSR Red vyiaulenchai praduktsyi, 1961 65 p.

LATI, H. Gunther Reindorff. Tallinn, Eesti NSV Kunst, 1960 35 p. illus. [In Estonian with summary in Russian]

LAZAREV, V. N. [Feofan Grek and his school] Feofan Grek i ego shkola. Moskva, Gos. izd-vo "Iskusstvo," 1961. 131 p. illus.

LENINGRAD. ERMITAZH. [The State Hermitage] Gosudarstvennyi Ermitazh, Leningrad, Izd-vo Gos. Ermitazha, 1961. 47 p. illus. [Parallel texts in Russian, English, and French]

LIUBIMOV, L. D. [Amid the treasures of the Hermitage] Sredi sokrovishch Ermitazha Moskva, Izd-vo "Znanie," 1961. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 6, Literatura i iskusstvo, no. 22)

MASHUROVSKII, D. I. [Sculptor Sergei Konenkov] Skul'ptor Sergei Konenkov. Moskva, Izd-vo "Znanie," 1961. 28 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 10, Molodezhnaia, no. 23)

PAKHOMOV, V. V. [Book art; planning illustrations for books] Knizhnoe iskusstvo; zamysel oformleniia illiustratsii. Moskva, Gos. izd-vo "Iskusstvo." Book 1. Zamysel oformleniia. 1961. 421 p.

[PROBLEMS AFFECTING HOUSE-BUILDING IN THE ESTONIAN S. S. R.] Elamuehituse kusimusi Eesti NSV-s, artiklite kogumik. Tallinn, Eesti NSV Ministrite Noukogu Riiklik Ehituse ja Arhitektuuri Komitee, 1960 117 p. [In Estonian]

PROKOF'EV, V. N [Contemporary fine arts of capitalist countries] Sovremennoe izobrazitel'noe iskusstvo kapitalisticheskikh stran. Moskva, Izd-vo "Znanie," 1961 39 p (Narodnyi universitet kul'tury. Fakul'tet literatury i iskusstva, no 26)

PROMENYTS'KYI, K. K. [Art in our everyday life] Mystetstvo v nashomu pobuti Kyiv, 1961. 50 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR Ser. 6, no 18)

[THIRD REPUBLIC EXHIBITION OF PORTRAITS; a catalog] Republikanlska portretu izstade, 3d Katalogs. Riga, Valsts Latviesu un Krievu Maksina Muzejs, 1961 23 p plates [In Latvian]

VARTANOV, A. S. [Characters of literature in the graphic arts and motion pictures] Obrazy literatury v grafike i kino Moskva, Izd-vo Akad nauk SSSR, 1961. 310 p.

VORONIN, N. N. [Architecture of north-eastern Russia of the twelfth to fifteenth centuries] Zodchestvo Severo-Vostochnoi Rusi XII-XV vekov v dvukh tomakh Moskva, Izd-vo Akad. nauk SSSR.
Vol. 1. [Twelfth century] XII stoletie. 1961. 562 p.

ZAKIN, R. M. [Creative work of the amateur artist] Tvorcheskaia rabota samodeiatel'nogo khudozhnika. Moskva, Gos. izd-vo "Iskusstvo," 1961. 53 p.

ZNAMEROVSKAIA, T. P. [Andrea Mantegna, an artist of the quattrocento in North Italy] Andrea, Mantin'ia; khudozhnik severoital'ianskogo kvattrochento. [Leningrad] Izd-vo Leningr. univ., 1961. 170 p.

11. LANGUAGE, LITERATURE & FOLKLORE

ABEN, KARL. [Textbook of the Estonian language for higher educational institutions, beginning course] Uchebnik estonskogo iazyka dlia vysshikh uchebnykh zavedenii, nachal'nyi kurs. 2 izd. Tallinn, Estonskoe gos. izd-vo, 1960. 292 p.

AKADEMIIA NAUK MOLDAVSKOI SSR. Institut iazyka i literatury. [Moldavian-Russian dictionary. 40,000 words] Moldavsko-russkii slovar' 40 000 slov. Moskva, Gos. izd-vo inostr. i natsional'nykh slovarei, 1961. 777 p.

AKADEMIIA NAUK SSSR. Institut mirovoi literatury. [Interrelation between literatures of East and West] Vzaimosviazi literatur Vostoka i Zapada. Moskva, Izd-vo vostochnoi lit-ry, 1961. 240 p.

AKADEMIIA NAUK SSSR. Institut narodov Azii. [Persian proverbs and sayings] Persidskie poslovitsy i pogovorki. Sostavlenie, perevod i kommentarii Kh. G. Korogly Moskva, Izd-vo vostochnoi lit-ry, 1961. 361 p. [In Russian and Persian]

AKADEMIIA NAUK TURKMENSKOI SSR, Ashkhabad, Institut literatury imeni Makhtumkuli. [Statements made by prominent Russians on Turkmen literature and Makhtum-Kuli] Vyskazyvaniia peredovykh liudei Rossii o Turkmenskoi literature i Makhtumkuli. Ashkhabad, Turkmengosizdat, 1960. 40 p. [In Turkmen and Russian]

AKADEMIIA NAVUK BSSR, Minsk. Instytut movaznaustva. [Chrestomathy on the history of the White Russian language] Khrestamatyia pa historyi belaruskai movy; vuchebny dapamozlnik dlia studentau filalagichnykh fakul'tetau vysheishykh navuchal'nykh ustanou. Minsk, Vyd-va Akad. navuk BSSR.
Pt. 1. 1961. 530 p.

AKADEMIIA NAVUK BSSR, Minsk. Instytut movaznaustva. [Course in the modern White Russian literary language; phonetics, orthography, lexicology] Kurs suchasnai belaruskai literaturnai movy, fanetyka, arfagrafiia, leksikalogiia. Padruchnik dlia studentau filalagichnykh fakul'tetau universitetau i pedagagichnykh instytutau. Minsk Dziarzh. vuchebna-pedagog. vyd-va M-va asvety BSSR, 1961. 206 p.

AKADEMIIA PEDAGOGICHESKIKH NAUK RSFSR, Moscow. Leningradskii Institut vechernikh (smennykh) i zaochnykh shkol. [From literature to life] Ot literatury - k zhizni. Pod red. N. I. Gromova. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1961. 53 p. (Pedagogicheskie chteniia)

ALEXIS, JACQUES-STEPHEN. [Romances to the stars. Translated from the French] Romansse tahtedele. Tallinn, Ajalehtede-Ajakirjade Kirjastus, 1961. 49 p. ("Loomingu" Raamatukogu, no. 47(211)) [In Estonian]

ANDREEV, A. N. [Ways of increasing students literacy in the Russian language in eight-year schools] Puti povysheniia gramotnosti uchashchikhsia po russkomu iazyku v vos'miletnei shkole. Moskva, Gos uchebno-pedagog. izd-vo M-va prosv RSFSR, 1961. 95 p (Iz opyta uchitelia)

[ANTHOLOGY OF TATAR POETRY] Tatar poeziiase antologiiase Kazan Tatknigoizdat matui edebiiat redaktsiiase, 1956 914 p. [In Tatar]

[ANTIRELIGIOUS PLAYS] Antyreligiinyia p'esy Minsk, Dziarzh. vyd-va BSSR. Red masava-palitychnai lit-ry, 1961. 79 p. (Bibliiatechka ateista)

BABAKAEV, V. D. [The Assamese language] Assamskii iazyk. Pod obshchei red G. P Serdiuchenko. Moskva, Izd-vo vostochnoi lit-ry, 1961 119 p (IAzyki zarubezhnogo Vostoka i Afriki)

BABYSHKIN, OLEH. [Struggle for realism in Ukrainian literature at the end of the 19th and beginning of the 20th century] Borot'ba za realizm v ukrains'kii literaturi kintsia XIX-pochatku XX st., na materialakh literaturnoi kritytyky Kyiv, Vyd-vo Akad. nauk URSR, 1961. 178 p.

BEDNYI, B. V. [Girls] Devchata. Moskva, Gos. izd-vo khudozh. lit-ry, 1961. 103 p. (Roman-gazeta, no. 22(250))

BEKETOV, V. P. [Welcome!] Dobro pozhalovat'; stikhi. [Khar'kov] Khar'kovskoe knizhnoe izd-vo, 1960. 46 p.

BELINSKII, V. G. [Works of Aleksandr Pushkin] Sochineniia Aleksandra Pushkina Moskva, Gos izd-vo detskoi lit-ry M-va prosv RSFSR, 1961. 404 p

BENDRUPE, MIRDZA. [The most beautiful garden, a book for big and little children] Visskaistakais dārzs; grāmata lielem un maziem bērniem. Riga, Latvijas Valsts izdevnieciba, 1960. 188 p. [In Latvian]

BIRZE, MIERVALDIS. [Unhappy dog, light short stories] Nelaimigais suns; nenopietni stastini. Riga Latvijas Valsts izdevnieciba, 1959. 240 p. [In Latvian]

BRAININA, B. IA. [Autobiography of the century] Avtobiografiia veka; sbornik statei. Moskva, Sovetskii pisatel', 1961 341 p

BUNIN, I. A. [Tales, stories, reminiscences] Povesti, rasskazy, vospominaniia. [Moskva] Mosk. rabochii, 1961. 631 p.

CALVINO, ITALO. [On a boat teeming with crabs, stories Translated from the Italian. Preface by TS. Kun] Na sudne polno krabov, rasskazy. Moskva, Izd-vo "Pravda," 1961. 45 p. (Biblioteka "Ogonek," no. 47)

CHARYEV, KHODZHANEPES [Selected works] Saitanan eserler. Red. Berdi Kerbabaev. Toplan Mukhammet Gurgansakhedov. Ashgabat, Turkmenistan dovlet neshriiaty, 1961. 246 p. [In Turkmen]

[COFFER OF WISDOM, ancient Chinese fables. Translated from the Chinese] Larets mudrosti; drevne kitaiskie basni. Leningrad, Gos izd-vo detskoi lit-ry M-va prosv RSFSR, 1961. 110 p.

DORMIDONTOVA, Z., and F. LOPP. [Russian-Estonian phrase book] Russko-estonskii razgovornik. Vestlusi vene ja Eesti keeles Tallinn, Eesti Riiklik Kirjastus, 1960. 191 p.

DRUZHININ, V. N. [Your comrade on the border] Tvoi tovarishch na granitse. Moskva, Voen. izd-vo M-va oborony SSSR, 1959. 182 p. (Biblioteka soldata i matrosa)

DZHALOLOV, O. D. [Plural category and certain aspects of the modern Tajik language] Kategoriiai chamʺva baʺze masʺalakhoi zabont khoziraī tochik. Stalinobod, Nashriёti akademiiai fankhoi RSS Tochikiston, 1961. 187 p. [In Tajik]

EESTI NSV TEADUSTE AKADEEMIA. Keele ja Kirjanduse Instituut. [Estonian dialects] Eesti murded. Tallinn, Eesti Riiklik Kirjastus. [In Estonian with summaries in Russian and German]
Vol. 1. Tanning, Salme. [Texts in the Mulgi dialect] Mulgi murdetekstid. 1961. 285 p.

FAIZI, RAKHMAT. [Girl in love with morning, a true short story] Devushka, vliublennaia v utro, malen'kaia povest - byl'. Tashkent, TSentr. kom-t LKSM Uzbekistana Izd-vo "Esh gvardiia," 1961. 47 p. (Molodye geroi semiletki)

FIRSOV, G. P. [Studying syntax and punctuation in schools; scientific basis of teaching intonation] Ob izuchenii sintaksisa i punktuatsii v shkole, nauchnoe obosnovanie raboty nad intonatsiei. Pod red V. V. Vinogradova. Moskva, Izd-vo Akad pedagog. nauk RSFSR, 1961 174 p. (Pedagogicheskaia biblioteka uchitelia)

[FOR A SCHOOL STAGE] Dlia shkol'nai estrady Minsk, Dziarzh. vyd-va BSSR Red dzitsiachai i lunatskai lit-ry, 1961 145 p.

FRISCH, MAX. [Mister Biedermann and the incendiaries, radio drama. Translated from the German] Harra Biedermann ja tulesuutajad; kuuldemang. Tallinn, Ajalehtede-Ajakirjade Kirjastus, 1961. 47 p. ("Loomingu" Raamatukogu, no. 48(212)) [In Estonian]

FUKS, E. IU. [Vocabulary exercises in Russian language lessons; in the upper grades of schools where education is carried on in the Lithuanian language] Slovarnaia rabota na urokakh russkogo iazyka v starshikh klassakh shkol s litovskim iazykom obucheniia Kaunas, Gos. izd-vo pedagog. lit-ry Litovskoi SSR, 1960. 69 p. (Mokytojo bibliotekele)

GALSWORTHY, JOHN. [Collected works in sixteen volumes. Translated from the English] Sobranie sochinenii v shestnadtsati tomakh. Moskva, Izd-vo "Pravda," (Biblioteka "Ogonek")
Vol. 3. 1962. 566 p.

GERASKIN, V. V. [I'm not a thief] IA ne vor. [Moskva] Gos. izd-vo jurid. lit-ry, 1961. 59 p. (Iz zala suda)

GORODETSKII, B. P. [Lyric poetry of Pushkin] Lirika Pushkina. Moskva, Izd-vo Akad. nauk SSSR, 1962. 465 p.

GOR'KII, MAKSIM. [M. Gor'kii on literature] M Gor'kii o literature. Moskva, Gos. izd-vo khudozh. lit-ry, 1961. 611 p.

GREBNEV, A. V. [Newspapers, their editorial staffs, writers, and readers] Gazeta, redaktsiia, avtory, chitateli Moskva, Gos. izd-vo polit. lit-ry, 1961. 119 p.

GULIAEV, N. A. [V. G. Belinskii and foreign aesthetics of his time] V. G Belinskii i zarubezhnaia estetika ego vremeni. [Kazan'] Izd-vo Kazanskogo univ , 1961 366 p.

GVOZDEV, A. N. [Modern Russian literary language] Sovremennyi russkii literaturnyi iazyk. Izd 2., perer i dop Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR.
Pt. 2 [Syntax] Sintaksis 1961 343 p.

HERTZEN, A. I. [Collected works in thirty volumes] Sobranie sochinenii v tridtsati tomakh. Moskva, Izd-vo Akad. nauk SSSR.
Vol. 25. [Letters, 1853-1856] Pis'ma 1853-1856 godov. 1961. 533 p.

HURSKI, M. I., M. H. BULAKHAU, and M. TS. MARCHANKA. [White Russian language] Belaruskaia mova, vuchebny dapamozhnik dlia fakul'tetau padrykhtouki nastaunikau pachatkovykh klasay pedagagichnykh instytutau. Minsk, Dziarzhaunae vuchebna-pedagagichnae vyd-va M-va asvety BSSR
Pt. 1. [Lexicology, phonetics, and morphology] Leksikalogiia, fanetyka i marfalogiia, 1961. 395 p.

ILESHIN, B. I. [The poet Evgenii A skii] Poet Evgenii Abramovich I Tambovskoe knizhnoe izd-vo, 1 tel'nye liudi otechestvennoi isto krae)

IL'F, I. A. [Early sketches and fe America] Rannie ocherki i fel'e Ameriki. Moskva, Izd-vo "Pra (Biblioteka "Ogonek," no. 51)

ISTRIN, V. A. [Development of wri Moskva, Izd-vo Akad. nauk SSSI

IVANOV, V. D. [Russia from time Rus' iznachal'naia; roman. [M VLKSM "Molodaia gvardiia,"
Vol. 1. [Chapters 1-8] Glavy
Vol. 2. [Chapters 9-17] Glav

JIROTKA, ZDENEK. [Saturnin. Tr Czech] Saturnin. Tallinn, Ajak Kirjastus, 1961. 191 p. ("Loo no. 40/42 (204/206)) [In Estonia

[JOYFUL CONCERT] Veselyi kontsert. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1961. 78 p.

KADYROV, PIRIMKUL [My treasures] Kadrim, povest' Toshkent, UzSSR davlat badiiī adabiёt nashriёti, 1961 129 p. [In Uzbek]

KAKHKHOR, ABDULLA [Voice from the grave; feuilletons] Kabriadan tovush, fel'etonlar. Toshkent, UzSSR davlat badiiī adabiёt nashriёti, 1961. 61 p [In Uzbek]

[KALMYK PROSE. Translated from the Kalmyk] Kalmytskaia proza. Vstup. stat'ia Konstantina Erymovskogo. Ellista, Kalmytskoe knizhnoe izd-vo, 1961. 238 p.

KAPEL'GORODS'KYI, PYLYP. [Works] Tvory Kyiv, Derzh. vyd-vo khudozh lit-ry, 1961 598 p.

KARIM, MUSTAI. [Joy of our house] Bizin olumizin guvanzhy. Ashgabat Turkmenistan dovlet neshriiaty, 1961. 105 p. [In Turkmen]

KATINSKAITE-DOVEIKIENE, O. [Lithuanian-French conversations] Lietuviski-prancuziski pasikalbejimai. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1959. 335 p.

KAZEMI, MORTAZA MOSHFEG. [Dreadful Teheran. Translated from the Persian] Strashnyi Tegeran. Ashkhabad, Turkmenkoe gos. izd-vo, 1960. 534 p.

KHAIDAKOV, S. M. [Vocabulary of the Lak language] Ocherki po leksike lakskogo iazyka. Moskva, Izd-vo Akad. nauk SSSR, 1961. 103 p.

KHRUSHCHEV, N. S. [For further successes in literature and art] Barot muvaffakiiatkhoi navi adabiёt va sanʺat. Stalinobod, Nashriёti davlatii Tochikiston, 1961. 22 p. [In Tajik]

KHUSRAU, amir, 1253 (ca)-1325. Shirin i Khusrau. Kritticheskii tekst i predisl. G. IU. Alieva. Moskva, Izd-vo vostochnoi lit-ry, 1961. 17, 382 p. [In Persian]

KIRBIZHEKOVA, U. N., comp [Khakass proverbs, sayings, and riddles] Khakas chonnyn" sospokterі, chookh-chaakhtary, siapokteki. Khakasskie poslovitsy, pogovorki i zagadki. Abakan, Khakasskaia knіga izdatel'stvoza, 1960. 143 p. [Parallel texts in Khakass and Russian]

[MICROFILM]

KISSEN, I. A., and KASYMOVA, KARIMA. [Uzbek Language textbook for Russian schools] Uzbek tili; rus maktablarining 4-sinfi uchun Toshkent, UzSSR "Urta va olii maktab" davlat nashriёti, 1961 133 p. [In Uzbek]

KLIMENKO, E. I. [Traditions and innovations in English literature] Traditsiia i novatorstvo v angliiskoi literature. [Leningrad] Izd-vo Leningr. univ., 1961. 190 p.

KOVAL'-VOLKOV, A. I. [Wings glowing with sun, verse] Zarіa na kryl'iakh; stikhi. [Moskva, Voen. izd-vo M-va oborony SSSR] 1961. 46 p. (Bibliotechka zhurnala Sovetskii voin, no. 19(422))

KREUTZWAL[illegible]
text
teks

637475 O - 62 - 2

KYSILEVS'KYI, K. Ivan Zilyns'kyi. Winnipeg, Nakladom Ukrains'koi Vil'noi Akad. nauk, 1962, 48 p. (Ukrains'ka Vil'na Akademiia nauk. Serila: Ukrains'ki vchent, no. 11)

LACIS, VILIS. [Collected works in nine volumes. Translated from the Latvian] Sobranie sochinenii v deviati tomakh Moskva, Izd-vo "Izvestiia." (Biblioteka klassikov literatur narodov SSSR)
Vol. 9. 1959. 556 p.

LAHODA, V. K. [Those who work and those who watch, satire and humor] Khto v boroni, a khto v storoni; satyra i humor Kyiv, Derzh. vyd-vo khudozh. lit-ry, 1961. 131 p

LEIZEROV, N. L. [Realism in contemporary art] Realizm v sovremennom iskusstve. Moskva, Izd-vo "Znanie," 1961. 38 p. (Narodnyi universitet kul'tury' Fakul'tet literatury i iskusstva, no 27)

LENINGRAD. UNIVERSITET. [Initial stage in the development of the Russian national language] Nachal'nyi etap formirovaniia russkogo natsional'nogo iazyka. [Leningrad] Izd-vo Leningr. univ., 1961. 254 p.

LETOV, B. D. [V. G. Korolenko as editor] V. G. Korolenko - redaktor. [Leningrad] Izd-vo Leningr. univ., 1961. 216 p.

[LITHUANIAN-GERMAN CONVERSATION BOOK] Lietuviski-vokiski pasikalbejimai. [By] V. Mackus, comp. 2 istaisytas ir papildytas leidimas. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1960. 510 p.

LOMTEV, T. P. [Comparative-historical grammar of the eastern Slavic languages; morphology] Sravnitel'no-istoricheskaia grammatika vostochnoslavianskikh iazykov; morfologiia. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 322 p.

LUTFII. [Selected works] Tanlangan asarlar. Toshkent, UzSSR. Davlat badiiii adabiet nashrieti, 1960. 233 p. [In Uzbek]

[MICROFILM]

MAKAENAK, A. IA. [Comedies] Kamedyi. Minsk, Dziarzh. vyd-va BSSR Red. mastatskai lit-ry, 1961 251 p.

MAKEEVA, V. N. [History of M. V. Lomonosov's "Russian grammar."] Istoriia sozdaniia "Rossiiskoi grammatiki" M. V. Lomonosova. Moskva, Akad. nauk SSSR, 1961. 170 p

MAMIN, N. I. [Banner of the Ninth Regiment; a tale] Znamia deviatogo polka; povest'. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 285 p.

MANDRUGIN, A. A. [Ivan Smirnov's purpose in life] Delo zhizni Ivana Smirnova [Moskva] Izd-vo VTsSPS Profizdat, 1961. 103 p.

MANDRYKA, M. I. [Bibliography of IAroslav Rudnyts'kyi] Bio-bibliografiia IAr. Rudnyts'koho. Winnipeg, Nakladom UVAN, 1961. 72 p. (Ukrains'ka vil'na akademiia nauk. Serila: Ukrains'ki vchent, no. 10)

MEILAKH, B. S. [Pushkin's literary thought as a
nnoe myshlenie
...kva, Izd-vo
shkin's
i.

[MODERN PAKISTANI STORIES. Translated from the Urdu and Hindu] Pakistanskie sovremennye rasskazy. Tashkent, Gos. izd-vo khudozh. lit-ry UzSSR, 1961. 143 p.

MOSCOW. VSESOIUZNAIA GOSUDARSTVENNAIA BIBLIOTEKA INOSTRANNOI LITERATURY. [Akutagawa Ryunosuke; a bio-bibliography] Akutagava Riunosuke; bio-bibliograficheskii ukazatel'. Moskva, Izd-vo Vses. knizhnoi palaty, 1961. 90 p. (Pisateli zarubezhnykh stran)

MOSCOW. VSESOIUZNAIA GOSUDARSTVENNAIA BIBLIOTEKA INOSTRANNOI LITERATURY. [Giovanni Baccaccio, a biobibliography] Dzhovanni Bokkacchio; bio-bibliograficheskii ukazatel'. Moskva, Izd-vo Vses. knizhnoi palaty, 1961. 72 p. (Pisateli zarubezhnykh stran)

MOSCOW. VSESOIUZNAIA GOSUDARSTVENNAIA BIBLIOTEKA INOSTRANNOI LITERATURY. [Hans Christian Andersen, a biobibliography] Khans Kristian Andersen, bio-bibliograficheskii ukazatel'. Moskva, Izd-vo Vses. knizhnoi palaty, 1961. 111 p. (Pisateli zarubezhnykh stran)

MOUSHENZON, A. IA. [Konstantin Zaslonov; a heroic drama in three acts] Konstantin Zaslonov, geroicheskaia drama v trekh deistviiakh. Minsk, Gos. izd-vo BSSR Red. khudozh. lit-ry, 1961. 98 p. [Publ. under his pseud. Arkadii Movzon]

NAUCHNAIA SESSIIA PO VOPROSAM GERMANSKOGO IAZYKOZNANIIA, 2d, Moscow, 1959. [Problems of Germanic linguistics, materials] Voprosy germanskogo iazykoznaniia, materialy. Moskva, Izd-vo Akad. nauk SSSR, 1961. 307 p.

NAUGHTON, BILL. [Late at night on Watling Street, stories. Translated from the English] Pozdno vecherom na Uotlin-strit, rasskazy. Moskva, Izd-vo "Pravda," 1961. 46 p. (Biblioteka "Ogonek," no 49)

NIKULINA, N. I. [Socialist realism, the formation and development of a new art theory in Russian literature] Chto takoe sotsialisticheskii realizm, o stanovlenii i razvitii novogo khudozhestvennogo metoda v russkoi literature. Leningrad, Ob-vo po raspr. polit. i nauchn. znanii RSFSR, 1961. 12 p.

[ON THE PATHS OF LITERATURE, articles and reviews, 1959] Kirjanduse radadelt, artikleid ja arvustusi 1959. Tallin, Eesti Riiklik Kirjastus. 1961. 326 p. [In Estonian]

PALL, E. [Textbook of the Estonian language] Uchebnik estonskogo iazyka. Tallin, Estonskoe Gos. izd-vo, 1955. 309 p. [In Russian and Estonian]

[PANJABI-RUSSIAN DICTIONARY] Pandzhabsko-russkii slovar' Sost. I. S. Rabinovich i I. D. Serebriakov. Okolo 35000 slov. S prilozheniem kratkogo ocherka grammatiki iazyka pandzhabi, sost. A. T. Aksenovym. Moskva, Gos. izd-vo inostr. i natsional'nykh slovarei, 1961. 1039 p.

PERETTS, V. N. [Studies and materials on early Ukrainian literature from the 16th to the 18th century] Issledovaniia i materialy po istorii staroi ukrainskoi literatury XVI-XVIII vekov. Moskva, Izd-vo Akad. nauk SSSR, 1962. 252 p.

PERMIAK, EVGENII. [Old witch] Staraia ved'ma. Moskva, Gos. izd-vo khudozh. lit-ry, 1961. 75 p. (Roman-gazeta, no. 24(252))

PETRESCU, CEZAR. [Dacia Felix. Translated from the Rumanian] Dacia Felix. Tallinn, Ajalehtede-Ajakirjade Kirjastus 1961. 54 p. (Loominguu Raamatukogu, no. 44(208)) [In Estonian]

PETROV, E. P. [Talented girl, early stories and feuilletons] Darovitaia devushka; ranniie rasskazy i fel'etony. Moskva, Izd-vo "Pravda," 1961. 1929 p. (Biblioteka "Ogonek," no 50)

PROKOPENKO, I. V. [Newspaper reporting] Reportazh v gazeti. [Kyiv] Vyd-vo Kyivs'koho univ., 1959. 157 p.

PULATOV, TAIR. [Past and future of public education in Tajikistan] Guzashta va oiandai maorifi khalk dar Tochikiston. Stalinobad, Nashrieti davlatii Tochikiston. 1960. 55 p. [In Tajik]

RANGEL, ELLINOR. [In search of happiness] Onne jahil. Tallinn, Eesti Riiklik, Kirjastus, 1961. 290 p. [In Estonian]

REFORMATSII, A. A., ed. [Russian language for foreign students; collection of methodological articles] Russkii iazyk dlia studentov inostrantsev; sbornik metodicheskikh statei. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 220 p.

RIURIKOV, IU. [After a hundred and thousand years; the man of the future and Soviet science fiction] Cherez 100 i 1000 let, chelovek budushchego i sovetskaia khudozhestvennaia fantastika. [Moskva] Gos. izd-vo "Iskusstvo," 1961. 111 p.

RIZAL Y ALONSO, JOSE. [Selected works. Translated from the Spanish, Tagalog, and English. Preface by A. Guber] Izbrannoe. Moskva, Izd-vo vostochnoi lit-ry, 1961. 258 p.

RUSTEM, S. [Song of friendship] Dostluk aidymy. Ashgabat, Turkmenistan dövlet neshiriaty, 1961. 93 p. [In Turkmen]

SAFAROV, NAZIR. [Far sighted girl, a tale] Uzokni kuzlagan kiz, vokeii kissa. Toshkent, UzSSR davlat badiii adabiet nashrieti, 1961. 156 p. [In Uzbek]

[SATIRIC FOLK TALES] Narodnye satiricheskie skazki. [Stalingrad] Stalingradskoe knizhnoe izd-vo, 1960. 20 p.

SHARIFI, AKOBIR. [Uncle the militiaman] Amaki militsa. [Stalinobd, Nashrieti davlatii adabieti ta"limi-pedagogii Tochikiston, 1961] 14 p. [In Tajik]

SHCHERBINA, V. R. [Lenin and problems of literature] Lenin i voprosy literatury. Moskva, Izd-vo Akad. nauk SSSR, 1961. 384 p.

SHEVCHENKO, T. H. [Complete collected works] Povne vydannia tvoriv. Za red. Pavla Zaitseva. Chicago, Vyd-vo Mykoly Denysiuka.
Vol. 2. [Poetry, 1843-1847] Poezii 1843-47 rr. 2 vyd. 1961. 300 p.
Vol. 14. [Index of Shevchenko's published works, first editions and special editions described in an annotated list] Pokazhchik vydan' Shevchenkovykh tvoriv, pershodruky y okremi vydannia ta spys literatury pro nykh. Zibrav i vporiadkuvav Volodymyr Doroshenko. 2., perehliadnene y znachno dopovnene vydannia. 1961. 505 p.

SHEVTSOV, I. M. [Story about a common man] Rasskaz o prostom cheloveke [Moskva] Mosk. rabochii, 1961. 79 p

SIGURDSSON, OLAFUR JOH. [Stars of Constantinople. Translated from the Icelandic] Konstantinoopoli tahed Tallinn, Ajalehtede Ajakirjade Kirjastus, 1961. 68 p. ("Loomingu" Raamatukogu, no 39(203)) [In Estonian]

SLAVINA, I. I. [M. Gor'kii's play "The Lower depths."] P'esa M. Gor'kogo "Na dne." Leningrad, Ob-vo po raspr. polit. i nauchnykh znanii RSFSR, 1961. 45 p. (Seriia "V pomoshch' uchashchimsia starshikh klassov")

SMOLIANITSKII, S. V. [Fine companions] Dobrye sputniki. Moskva, Gos. izd-vo polit. lit-ry, 1961. 30 p. (Kommunizm i chelovek)

SOIUZ PISATELEI SSSR. [Directory, compiled from information as of January 1, 1961] Spravochnik; sostavlen po dannym na 1 ianvaria 1961 goda. Moskva, Sovetskii pisatel', 658 p.

SOSIURA, V. M. [Lyric poetry] Lirvka. Kyiv, Derzh. vyd-vo khudozh. lit-ry, 1961. 398 p.

SYVOKIN, H. M. [Early Ukrainian poetics] Davni ukrains'ki poetyky. Kharkiv, Vyd-vo Kharkivs'koho derzh. univ., im. I. M. Gor'koho, 1960. 105 p.

TAGORE, Sir RABINDRANATH. [Works in eight volumes] Sochineniia v vos'mi tomakh. Toshkent, UzSSR davlat badiii adabiet nashrieti. [In Uzbek]
Vol. 3. [The home and the world; a novel. The last poem, a novel] Dom i mir; roman. Poslednaia poema; roman. 1961. 397 p.

TAJIK S. S. R. Upravlenie shkol. [Russian language and literature program for grades 9-11 of Tajik schools] Programma po russkomu iazyku i literature dlia IX-XI klassov tadzhikskoi shkoly. Stalinabad, Uchpedgiz Tadzhikskoi SSR, 1961. 67 p.

TAJIK S. S. R. Upravlenie shkol. [Tajik language program for grades 3-8 of the Russian eight-year schools in the Tajik S. S. R.] Programma po tadzhikskomu iazyku dlia III-VIII klassov russkoi vos'miletnei shkoly Tadzhikskoi SSR. Stalinabad, Uchpedgiz M-va prosv. Tadzhikskoi SSR, 1961. 27 p.

[TARUSA PAGES; an illustrated literary collection] Tarusskie stranitsy; literaturno-khudozhestvennyi illiustrirovannyi sbornik. Kaluga, Kaluzhskoe knizhnoe izd-vo, 1961. 318 p.

TAT'IANICHEVA, L. K. [Rustle of the pine forest; verse] Bor zvenit; stikhi. Moskva, Izd-vo "Pravda," 1961. 29 p. (Biblioteka "Ogonek," no. 46)

TOLSTOI, ALEKSEI. [Collected works in ten volumes] Sobranie sochinenii v desiati tomakh. Moskva, Gos. izd-vo khudozh. lit-ry.
Vol. 6. [Road to Calvary, a trilogy] Khozhdenie po mukam; trilogiia.
Book 3. [Bread, a tale] Khleb; povest'. 1960. 726 p.

TROIAKOV, P. A., and T. G. TOCHEEVA, eds. [Khakass legends and tales] Khakas chonnyn" kip-chiokhtiaty, nymakhtoty Abakan, Khakasltanyn" kniga izdatel'stvozy, 1960. 230 p [In Khakass]
[MICROFILM]

TRONSKII, I. M. [Stress in the ancient Greek language] Drevnegrecheskoe udarenie. Moskva, Izd vo Akad. nauk SSSR, 1962. 147 p.

TSVETKOVA, Z. M , and TS. G SHPIGEL'. [Methodological instructions on the English language textbook for the fifth grade of eight-year schools] Metodicheskie ukazaniia k uchebniku angliiskogo iazyka dlia V klassa vos'miletnei shkoly. Moskva, Gos. uchebno-pedagog izd-vo M-va prosv. RSFSR, 1961 127 p

[TURKMEN FOLK TALES. Translated from the Turkmen] Turkmenskie narodnye skazki. Ashkhabad, Turkmenskoe gos uchebno-pedagog izd-vo, 1960. 88 p.

[TURKMEN SONGS] Turkmen aidymlary. Ashgabat, Turkmenistan-dövlet neshiriaty, 1960. 364 p. [In Turkmen]

TYCHYNA, P. H. [Deep ocean, verse] Okean polnovodnyi; stikhi. Moskva, Izd-vo "Pravda," 1961. 30 p (Biblioteka "Ogonek," no. 48)

VIENUOLIS, ANTANAS. [Puodziunkiemis; a novel] Puodziunkiemis; romanas. Vilnius, Valstybine grozines literatures leidykla, 1961. 502 p [In Lithuanian]

VITT, V. V. [Stefan Zeromskii] Stefan Zheromskii. Moskva, Izd-vo Akad. nauk SSSR, 1961. 343 p.

[YARNS TIED IN A KNOT; selection of Soviet Russian poems] Solmeks solmitud longad; vene noukogude luule valimik. Tallin, Ajalehtede-Ajakirjade Kirjastus, 1961. 45 p. ("Loominga" Raamatukogu, no. 43(207) [In Estonian]

ZAGOSKIN, M. N. [Iurii Miloslavskii, or the Russians in the year 1612; a historical novel in three parts] Iurii Miloslavskii, ili russkie v 1612 godu, istoricheskii roman v trekh chastiakh. Moskva, Izd-vo "Izvestiia," 1961. 287 p. (Biblioteka istoricheskikh romanov narodov SSSR)

ZHURAVLEV, N. V. [M. E. Saltykov-Shchedrin in Tver, 1860-1862] M. E. Saltykov-Shchedrin v Tveri, 1860-1862. Red., biograficheskaia spravka i vstup. stat'ia N. A IAkovleva. [Kalinin] Kalininskoe knizhnoe izd-vo, 1961. 213 p.

12. GEOGRAPHY & GEOLOGY

AALOE, A., and others. [Stratigraphic review of the Paleozoic and Quaternary deposits of Estonia] Ulevaade Eesti aluspolija ja pinnakatte stratigraafiast. Tallina, Eesti NSV Teaduste Akadeemilia Geoloogia Instituut, 1960. 61 p. [In Estonian]

AKADEMIIA NAUK SSSR. Institut gornogo dela. [Geology, engineering geology, and hydrogeology of deposits in the Kursk Magnetic Anomaly] Voprosy geologii, inzhenernoi geologii i gidrogeologii mestorozhdenii KMA, sbornik statei. Moskva, Izd-vo Akad. nauk, SSSR, 1961. 92 p.

AKADEMIIA NAUK SSSR. Komissiia po osadochnym porodam. [Recent sediments of seas and oceans, transactions of a conference held on May 24-27, 1960] Sovremennye osadki morei i okeanov, trudy soveshchaniia 24-27 maia 1960 g. Moskva, Izd-vo Akad. nauk SSSR, 1961. 644 p.

AKADEMIIA NAUK SSSR. Sibirskoe otdelenie. Vostochno-Sibirskii geologicheskii institut. [Mineral waters in the southern part of Eastern Siberia] Mineral'nye vody iuzhnoi chasti Vostochnoi Sibiri. Moskva, Izd-vo Akad. nauk SSSR.
Vol. 2. [Mineral springs, wells for mineral waters, and mineral lakes (catalogs)] Mineral'nye istochniki, skvazhiny, vskryvaiushchie mineral'nye vody i mineral'nye ozera (katalogi). Pod obshchei red. N. A. Vlasova, V. G. Tkachuk i N. I. Tolstikhina. 1962. 197 p.

AKADEMIIA NAUK SSSR. Sovet po seismologii. [Earthquakes in the U. S. S. R.] Zemletriasenila v SSSR. Moskva, Izd-vo Akad. nauk SSSR, 1961. 412 p.

ANSPAK, A. [Cesis; guidebook for the city and its environs] TSesis; putevoditel' po gorodu i ego okrestnostiam. Riga, Latvitskoe Gos. izd-vo, 1960. 201 p.
[MICROFILM]

BAIDERIN, VIKTOR. [Beyond the Hindu Kush] Za Gindukushem Stalinabad, Tadzhikgosizdat, 1961 128 p

BILOHUROV, N. K. [In the new Germany, newspaperman's notebook] U novii Nimechchyni, notatki zhurnalista. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1960. 37 p.

CHICHKOV, V. M. [Rebelling land, travels and meetings] Buntuiushchaia zemlia; puteshestvila i vstrechi Moskva, Gos. izd-vo detskoi lit-ry M-va prosv. RSFSR, 1961. 155 p

[DNEPRODZERZHINSK, reference and guidebook] Dniprodzerzhynsk; dovidnyk-putivnyk. [Dniprpetrovsk] Dniprpetrovs'ke knyzhkove vyd-vo, 1960. 165 p.

EVSEEV, S. V. [Earthquakes in the Ukraine, a catalog of earthquakes in the Ukraine from the year 1000 through 1940] Zemletriasenila Ukrainy, katalog zemletriasenii Ukrainy s 1000 po 1940 gg. Kiev, Izd-vo Akad. nauk USSR, 1961 74 p.

[EXPERIMENTAL GEOMORPHOLOGY] Eksperimental'naia geomorfologiia. [By] N. I. Makkaveev i dr. [Moskva] Izd-vo Mosk. univ., 1961, 193 p.

INOZEMTSEV, I. V. [Alone on the ocean; a discourse on books] Odni v okeane; beseda o knigakh. Moskva, Gos. Biblioteka SSSR im. V. I. Lenina, 1961. 16 p.

IURK, IU. IU., and E. F. SHNIUKOV. [Iron oxides in the Ukrainian Crystalline Shield] Oksidy zheleza ukrainskogo kristallicheskogo shchita. Kiev, Izd-vo Akad. nauk USSR, 1961. 107 p.

IVANTSOVA, M. IA. [Chelyabinsk, concise guidebook] Chelliabinsk, kratkii putevoditel'. [Chelliabinsk] Chelliabinskoe knizhnoe izd-vo, 1961. 122 p.
[MICROFILM]

JALASTO, HANS. Hiiumaa. Tallinn, Eesti Riiklik Kirjastus, 1960 85 p. [In Estonian]

KACHURIN, S. P. [Thermokarst in the U. S. S. R.] Termokarst na territorii SSSR. Moskva, Izd-vo Akad. nauk SSSR, 1961. 90 p.

KASHTANOV, S. G. [Ground water of Kazan] Gruntovye vody g. Kazani. [Kazan'] Izd-vo Kazanskogo univ., 1959. 161 p.
[MICROFILM]

KEMMERIKH, A. O. [Hydrography of the Northern, Sub-Arctic, and Arctic Urals] Gidrografiia Severnogo, Pripolliarnogo i Polliarnogo Urala. Moskva, Izd-vo Akad. nauk SSSR, 1961. 136 p.

KHADKEVICH, T. K. [White Russia, my homeland] Maia Belarus'. Minsk, Derzh. vyd-vo BSSR Red. masava-palit. lit-ry, 1961. 98 p.

KOGAN, SH. I., and V. A. KOSHKALDA. [Lakes of the Turkmen S. S. R.; a popular scientific study] Ozera Turkmenskoi SSR; nauchno-populiarnyi ocherk. Pod red. A. O. Tashlieva. Ashkhabad, Izd-vo Akad. nauk Turkmenskoi SSR, 1960. 83 p.

KORNBLIUM, A. E. [Golden floodlands' notes on the reclamation of the Yakiroma Valley swamps] Zolotaia poima; zametki ob osvoenii IAkhromskoi poimy. [Moskva] Mosk. rabochii, 1961. 82 p.

KRASTINS, A. J. [A small tent town] Telsu pilsetina, Riga, Latvijas Valsts izdevnieciba, 1960. 33 p. [In Latvian]

KUZNIK, I. A. [Defining more precisely the parameters of simplified formulas of the State All-Union Scientific Research Institute for Roads for determining maximum discharges from storm and mixed runoff in the Volga Valley] Utochnenie parametrov uproshchennykh formul Soiuzdorniia dlia rascheta maksimal'nykh raskhodov po livnevomu i smeshannomu stoku v Povolzh'e. Saratov, M-vo avtomobil'nogo transporta i shossejnykh dorog RSFSR, 1961. 34 p.
[MICROFILM]

LEONT'EV, N. F. [Geographical foundations of the cartography of submarine relief on hypsometric maps] Geograficheskie osnovy kartografirovaniia podvodnogo rel'efa na gipsometricheskikh kartakh. Moskva, Izd-vo geodez. lit-ry, 1961. 205 p.

LEONT'EV, O. K. [Fundamentals of seashore geomorphology] Osnovy geomorfologii morskikh beregov. [Moskva] Izd-vo Mosk. univ., 1961. 416 p.

LEVITES, IA. M. [Historical geology together with the principles of the paleontology and geology of the U. S. S. R.] Istoricheskaia geologiia s osnovami paleontologii i geologii SSSR. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1961. 295 p.

MESHCHERIAKOV, IU. A. [Recent tectonic movements and erosive-accumulative processes in the northwestern part of the East-European Plain] Molodye tektonicheskie dvizheniia i erozionno-akkumulativnye protsessy severo-zapadnoi chasti Russkoi ravniny. Moskva, Izd-vo Akad. nauk SSSR, 1961 80 p

MUKHAMEDOV, KHALI ULLA. [Ancient defensive walls] Ўzbekistonning kadimiy mudofaa inshootlari tarikhidan. Toshkent, Ўzbekiston SSR fanlar Akademiiasi nashr lifi, 1961. 101 p. [In Uzbek]

PETROVA, G. N. [Laboratory estimation of the stability of residual magnetization] Laboratornaia otsenka stabil'nosti ostatochnoi namagnichennosti gornykh porod. Moskva, Izd-vo Akad. nauk SSSR, 1961. 102 p.

PROTASENIA, P. T. [Problems in communication and thought among primitive peoples] Problemy obshcheniia i myshleniia pervobytnikh liudei. Minsk, Izd-vo M-va vysshego, srednego spetsial'nogo i professional'nogo obrazovaniia BSSR, 1961. 150 p.

[RIGA, a short reference book. Translated by K. Strebeiko] Riga, isas izziuas Riga, Latvijas Valsts izdevnieciba, 1960. 270 p. [In Latvian]

RIZNICHENKO, IU. V., ed. [Weak earthquakes] Slabye zemletriasenila. Moskva, Izd-vo inostr. lit-ry, 1961. 533 p.

RUDNYTS'KYI, IAROSLAV BOHDAN. [Geographical names of Boikovia (Middle Carpathians)] Geograficlni nazvy Boikivshchyny. Druhe zaktalene vydannia pratsi: "Nazwy geograficzne Bojkowszczyzny" z 1939 r. [Winnipeg] Nakladom UVAN, 1962. 240 p. (Ukrainska Vil'na Akademiia Nauk. Serila' Nazvoznavstvo, nos. 23/24)

RUSSIA (1923- U. S. S. R.) Ministerstvo sel'skogo khoziaistva. [Program on the elements of geology for students majoring in agriculture] Programma po osnovam geologii dlia agronomicheskikh spetsial'nostei sel'skokhoziaistvennykh vuzov Moskva, 1958 6 p.
[MICROFILM]

SARKISIAN, S. G., and N. A. MIKHAILOVA. [Paleogeography of the period of the formation of the terrigenous Devonian stratum in Bashkiria and the Tatar A. S. S. R.] Paleogeografiia vremeni obrazovaniia terrigennoi tolshchi devona Bashkirii i Tatarii Moskva, Izd-vo Akad. nauk SSSR, 1961. 231 p. illus.

SEMENOV, A. I. [Tourists' routes across Novgorod Province] Turistskie marshruty po Novgorodskoi oblasti. [Novgorod] Knizhnaia red. gazety "Novgorodskaia pravda," 1961. 77 p.

SERBAN, MIHAI, IOSIF FIMAN, and DAN COMAN. [Caves of Rumania] Peshchery Rumynii. Bucharest, Izd-vo "Meridiany," 1961. xxxvi p. illus.

SHIRINIAN, K. G. [Volcanic tuffs and tuff-lavas in Armenia] Vulkanicheskie tufy i tufolavy Armenii. Erevan, Izd-vo AN Armianskoi SSR, 1961. 159 p.

SLIADNEV, A. F. [Methods of studying the balance of ground waters] Metody izucheniia balansa gruntovykh vod. Tashkent, Izd-vo Akad. nauk Uzbekskoi SSR, 1961. 128 p.

[SOVIET GEORGIA] Sovetskaia Gruzila. Tbilisi, Gos. izd-vo "Sabchota Sakartvelo," 1961. 1 v.

TARASOV, M. N. [Hydrochemistry of Lake Balkhash] Gidrokhimiia ozera Balkhash. Moskva, Izd-vo Akad. nauk SSSR, 1961. 225 p.

TAUSON, L. V. [Geochemistry of rare elements in granitoids] Geokhimiia redkikh elementov v granitoidakh. Moskva, Izd-vo Akad. nauk SSSR, 1961. 229 p.

VETRA, K. [The Vidzeme Upland] Vidzemeskaia vozvyshennost'. Riga, Latvijskoe gos. izd-vo, 1957. 149 p.

VIALOV, O. S. [Paleogene flysch on the northern slope of the Carpathians] Paleogenovyi flish severnogo sklona Karpat. Kiev, Izd-vo Akad. nauk Ukrainskoi SSR, 1961. 134 p.

VISHNEVSKII, B. N. [I. IA. Krivoshchekov, geographer and student of local lore] Geograf-kraeved I. IA. Krivoshchekov. [Perm'] Permskoe knizhnoe izd-vo, 1961. 103 p.

VOITKEVICH, G. V. [Problems of nuclear geology] Problemy radiogeologii. Red. L. V. Komlev. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1961. 360 p.

ZAMIATNIN, S.N. [Outline of the Paleolithic] Ocherki po paleolitu Podgotovleno k pechati M.Z Panichkinoi. Moskva, Izd-vo Akad nauk SSSR, 1961. 175 p

ZHUCHKEVICH, V.A. [Origin of the geographical names (toponymy) of White Russia] Proiskhozhdenie geograficheskikh nazvanii (toponimika) Belorussii Minsk, Izd-vo Belgosuniv im V I. Lenina, 1961 77 p

ZHUCHKEVICH, V.A., and O.F. IAKUSHKA. [Geography of the White Russian S.S.R., a textbook for secondary schools] Geagrafiia Belaruskai SSR, vuchebny dapamozhnik dlia staredniai shkoly. Vyd.2. Minsk, Dziarzh. vuchebna-pedagag. vyd-va M-va asvety BSSR, 1961. 73 p.

ZIMANAS, G. [What I saw in America, travel impressions] Kas as maciau Amerikoje; keliones ispudziai Vilnius, Valstybine grozines literatures leidykla, 1960 257 p [In Lithuanian]

13. SCIENCE

ABKIN, G.L. [Problems and exercises in general and inorganic chemistry, manual for the students of pedagogical institutes] Zadachi i uprazhnenila po obshchei i neorganicheskoi khimii, posobie dlia studentov pedagogicheskikh institutov. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 198 p.

[ADVANCED GEODESY] Vysshaia geodeziia. [By] V.G. Zdanovich i dr. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 607 p.

AHLFORS, LARS, and BERS, LIPMAN. [Spaces of Riemann surfaces and quasi-conformal mappings. Translated from the English] Prostranstva rimanovykh poverkhnostei i kvazikonformnye otobrazhenila Pod red. B.V. Shabala Moskva, Izd-vo inostr. lit-ry, 1961 176 p. (Biblioteka sbornika "Matematika")

AKADEMIIA NAUK SSSR. Ikhtiologicheskaia komissiia. [Studies on the biological foundations of fishery management; problems in the theory of the dynamics of the abundance of fishes] Ocherki po biologicheskim osnovam rybnogo khoziaistva; voprosy teorii dinamiki chislennosti ryb. Moskva, Izd-vo Akad nauk SSSR, 1961. 238 p.

AKADEMIIA NAUK SSSR. Institut matematiki. [Pedagogical heritage and documents on the life and work of Mikhail Vasil'evich Ostrogradskii (1.1.1862 - 1.1.1962)] Mikhail Vasil'evich Ostrogradskii, 1 ianvaria 1862 - 1 ianvaria 1962; pedagogicheskoe nasledie, dokumenty o zhizni i deiatel'nosti. Pod red I.B. Pogrebysskogo i A.P. IUshkevicha. Moskva, Gos. izd-vo fiziko-matem lit-ry, 1961. 397 p.

AKADEMIIA NAUK SSSR. Institut nauchno-tekhnicheskoi informatsii. [Manual of solubility] Spravochnik po rastvorimosti Moskva, Izd-vo Akad. nauk SSSR.
Vol 1 [Binary systems] Binarnye sistemy.
Book 1. 1961. 959 p.

AKADEMIIA NAUK SSSR. Institut teoreticheskoi astronomii. [Lunar occultations of stars visible in Abastumani, Irkutsk, Kazan, Kiev, Kilab, Leningrad, Lvov, Moscow, Odessa, Riga, Dushanbe, Tashkent, Tomsk and Kharkov in 1962-1963] Pokrytiia zvezd [illegible], Kazani, oskva, Odesse, , Khar'kove nauk SSSR, 'eskomu

ALEIMENKOV, V.P., and others [Observation of the Mössbauer effect in Sm^{149}] Nabliudenie effekta Mössbauera v Sm^{149} Dubna, Ob"edinennyi in-t iadernykh issl , 1961 6 p. [With summary in English]

ALIMARIN, I.P., and B.I. FRID. [Quantitative microchemical analysis of minerals and ores, laboratory manual] Kolichestvennyi mikrokhimicheskii analiz mineralov i rud, prakticheskoe rukovodstvo. Moskva, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1961. 399 p.

ANDREEV, S.V. [Our heart] Nashe serdtse. Moskva, Izd-vo "Znanie," 1961. 36 p (Narodnyi universitet kul'tury. Estestvennonauchnyi fakul'tet, no 19)

ANDRIANOV, K.A., E.Z. ASNOVICH, and A.I. PETRASHKO. [Chemistry of large molecules] Khimila bol'shikh molekul. Moskva, Izd-vo "Znanie," 1961. 39 p. (Narodnyi universitet kul'tury. Estestvennonauchnyi fakul'tet, no. 18)

ANTONOV, IU.N , and others. [Focusing and adjusting the injector beam of a linear accelerator] Fokusirovka i iustirovka puchka inzhektora lineinogo uskoritelia. Dubna, Ob"edinennyi in-t iadernykh issl, 1961. 19 p.

ARBUZOV, A.E. [A.M. Butlerov, the great Russian chemist; 100th anniversary of the theory of chemical structure] A.M. Butlerov velikii russkii khimik, k 100-letiiu teorii khimicheskogo stroeniia. Moskva, Izd-vo Akad. nauk SSSR, 1961. 42 p. (Nauchno-populiarnaia serila)

ASTAPOVICH, I.S. [Fundamental catalog of meteor radiants of the 19th century] Osnovnoi katalog meteornykh radiantov XIX veka. Ashkhabad, Izd-vo Akad. nauk Turkmenskoi SSR, 1956. 104 p.

AVETISIAN, A.E. [Integral and parametric representations of functions analytic in angular regions; author's abstract of his dissertation for the degree of Candidate of the Physical and Mathematical Sciences] Integral'nye i parametricheskie predstavlenila funktsii, analiticheskikh v uglovykh oblastiakh, avtoreferat dissertatsii, predstavlennoi na soiskanie uchenoi stepeni kandidata fiziko-matematicheskikh nauk. Nauchn. rukovoditel' M.M. Dzhrbashian. Erevan, In-t matem. i mekhaniki AN Armianskoi SSR, 1960. 12 p.
[MICROFILM]

BALANDIN, M.P., V.G. GREBINNIK, and G.I. SELIVANOV. [Synchronizing the operation of a bubble chamber and a synchrocyclotron] Sinkhronizatsiia raboty puzyr'kovoi kamery s sinkhrotsiklotronom. Dubna, Ob"edinennyi in-t iadernykh issl., 1961. 12 p. [With summary in English]

BALDIN, A.M., and NGUEN VAN KH'EU. [One possibility for determining the magnetic moments of unstable vector particles] Ob odnoi vozmozhnosti opredelenila magnitnykh momentov vektornykh nestabil'nykh chastits Dubna, Ob"edinennyi in-t iadernykh issl., 1961. 6 p.

BARASHENKOV, V.S., and V.M. MAL'TSEV. [Generation of deuterons in the interaction of fast nucleons with nuclei] Obrazovanie deitonov pri vzaimodeistvii bystrykh nukionov s iadrami. Dubna, Ob"edinennyi in-t iadernykh issl. 1961 8 p. [With summary in English]

BARBASHOV, B.M. [Dynamic resonances in solutions to Low's equation for certain models in the field theory] O dinamicheskikh rezonansakh v resheniiakh uravnenila Lou dlia nekotorykh modelei teorii polia. Dubna, Ob"edinennyi in-t iadernykh issl , 1961. 19 p. [With summary in English]

BAT', M.I., G.IU. DZHANELIDZE, and A.S. KEL'ZON. [Analytic mechanics in exercises and problems] Teoreticheskaia mekhanika v primerakh i zadachakh. Pod red. G.IU. Dzhanelidze. Moskva, Gos. izd-vo fiziko-matem. lit-ry.
Vol 2. [Dynamics] Dinamika, 1961. 616 p.

BELIAEV, L.I., and others. [Intensive radioactive fallout in Simeiz (Crimea) as a result of the nuclear explosion of Feb. 13, 1960 in the Sahara] Intensivnoe radioaktivnoe vypadenie v Simeize (Krym) v rezul'tate iadernogo vzryva v Sakhare 13 fevralia 1960 g. Moskva, Gos. Kom-t Soveta Ministrov SSSR po ispol'zovaniiu atomnoi energii, 1961. 36 p.

BELOUSOV, V.V., and B.I. SILKIN. [A year devoted to the planet] God, posviashchennyi planete. Moskva, Izd-vo "Znanie," 1961. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser.12, Geologiia i geografiia, no. 21)
[MICROFILM]

BELOV, N.V. [Crystal chemistry of silicates with large cations] Kristallokhimiia silikatov s krupnymi kationami. Moskva, Izd-vo Akad. nauk SSSR, 1961. 66 p. (Chteniia im. V.I. Vernadskogo, no. 2)

BERANOVA, G., and others. [Production of Md^{256} through irradiation of U^{238} with Ne^{22} ions, and study of some of its chemical properties] Poluchenie Md^{256} pri obluchenii U^{238} ionami Ne^{22} i izuchenie ego nekotorykh khimicheskikh svoistv. Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 11 p. [With summary in English]

BLOKHINTSEVA, T.D., and others. [Eight-liter hydrogen-deuterium bubble chamber in a magnetic field] Vos'militrovaia vodorodno-deiterievaia puzyr'kovaia kamera v magnitnom pole Dubna, Ob"edinennyi in-t iadernykh issl , 1961 20 p. [With summary in English]

BOBRINSKII, N.A., and N.A. GLADKOV. [Zoogeography; textbook for students of the departments of natural sciences and geography in teachers' institutes] Geografiia zhivotnykh (kurs zoogeografii), posobie dlia studentov estestvenno-geograficheskikh fakul'tetov pedagogicheskikh institutov. Izd. 2., perer. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 285 p.

BOGDANOV, O.P. [Animals of Uzbekistan (vertebrates), a textbook for high school teachers] Zhivotnye Uzbekistana (pozvonochnye); posobie dlia uchitelei srednei shkoly Tashkent, Gos izd-vo "Sredniia i vysshaia shkola," UzSSR, 1961 314 p.

BORGGARDT, A.I. [Selected works on phytopathology] Izbrannye trudy po fitopatologii. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1961. 214 p.

BUKHALO, S.M. [Production organization and planning in coal mines] Organizatsiia proizvodstva i planirovanie na ugol'nykh shakhtakh. Izd. 2., perer. i dop. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 413 p.

BYKHOVSKAI-PAVLOVSKAIA, I.E. [Trematoda of birds of the U.S.S.R., ecological and geographical survey] Trematody ptits fauny SSSR, ekologo-geograficheskii obzor. Moskva, Izd-vo Akad. nauk SSSR, 1962. 407 p.

CHARNYI, I.A. [Fundamentals of gas dynamics] Osnovy gazovoi dinamiki. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 199 p.

CH'U LIANG-YUAN. [Fine structure of the energy spectrum of collective oscillations of even-even nuclei] Tonkaia struktura energeticheskogo spektra kollektivnykh kolebanii chetno-chetnykh iader. Dubna, Ob"edinennyi in-t iadernykh issl., 1961. 7 p

[COLLECTION OF PROBLEMS AND CALCULATIONS ON HEAT TRANSMISSION] Sbornik zadach i raschetov po teploperedache. [By] G.N. Danilova i dr. Moskva, Gos. izd-vo torg. lit-ry, 1961. 270 p.

CROSS, A.D. [Introduction to practical infrared spectroscopy. Translated from the English. Preface by IU. Pentin] Vvedenie v prakticheskuiu infrakrasnuiu spektroskopiiu. Moskva, Izd-vo inostr. lit-ry, 1961. 109 p.

DMITRIEV, N.L., L. ZELENOVA, and M. KUNAKOV. [Plant and animal world of Kaluga Province] Rastitel'nyi i zhivotnyi mir Kaluzhskoi oblasti. [Kaluga] Kaluzhskoe knizhnoe izd-vo.
No. 1. Dmitriev, N.L. [Plant world] Rastitel'nyi mir. 1961. 113 p.

DYKHOVA, Z.I., and V.M. FEDOROV. [Radioactive phosphorus P^{32}] Radioaktivnyi fosfor - P^{32}. Moskva, Gos. izd-vo lit-ry v oblasti atomnoi nauki i tekhniki, 1961. 22 p.

EFIMOV, G.V. [Renormalization of models in the theory of a field with a fixed nucleon] O perenormirovke modelei teorii polia s fiksirovannym nuklonom. Dubna, Ob"edinennyi institut iadernykh issl., 1961. 12 p. [With summary in English]

ELISEEV, V.G. [Connective tissue; histophysiological essays] Soedinitel'naia tkan'; gistofiziologicheskie ocherki. Moskva, Medgiz, 1961. 415 p. [With summary in English].

ERSHOV, A.P., and K.V. KIM. [Programming program for the "Strela-3" computers; a manual] Programmirulushchaia programma dlia vychislitel'noi mashiny "Strela-3" (PPS); rukovodstvo dlia pol'zovania. Moskva, Vychislitel'nyi tsentr AN SSSR, 1961. 61 p.

EULER, LEONHARD. [Introduction of infinitesimal analysis. Translated from the Latin] Vvedenie v analiz beskonechnykh. Red. perevoda, vstup. stat'ia i primechanii I.B. Pogrebysskogo Moskva, Gos. izd-vo fiziko-matem. lit-ry.
Vol. 2. 1961. 390 p.

FIKHMAN, B. A. [Optical standardization of bacterial preparations] Opticheskaia standartizatsiia bakterialnykh preparatov. Moskva, Biuro nauchnoi informatsii, 1960. 285 p.
[MICROFILM]

FIKHTENGOL'TS, G. M. [Fundamentals of mathematical analysis] Osnovy matematicheskogo analiza. Izd. 3. Moskva, Gos. izd-vo fiziko-matem. lit-ry.
Vol. 2. 1960. 464 p.

FILIPPOV, A. F. [Collection of problems on differential equations] Sbornik zadach po differentsial'nym uravneniiam. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 100 p.

FINIKOV, S. P. [Differential geometry, course of lectures held at the mechanics branch of the Faculty of Mathematics and Mechanics of Moscow State University] Differentsial'naia geometriia; kurs lektsii, chitannyi na mekhanicheskom otdelenii mekhaniko-matematicheskogo fakul'teta MGU. [Moskva] Izd-vo Mosk. univ., 1961. 157 p.

FINKEL'SHTEIN, D. N. [Inert gases] Inertnye gazy. Moskva, Izd-vo Akad. nauk SSSR, 1961. 197 p.
[MICROFILM]

[FLORA OF SPOREFORMING PLANTS OF KAZAKHSTAN] Flora sporovykh rastenii Kazakhstana. Alma-Ata. Izd-vo Akad. nauk Kazakhskoi SSR.
Vol. 3. [Mildew] Muchnisto-rosianye griby. [By] M. P. Vasiagina i dr. 1961. 458 p.

[FLORA OF THE LATVIAN S. S. R. [with summary in Russian]] Latvijas PSR flora. P. Galenieka redakcija. Riga, Latvijas Valsts izdevniecība. [In Latvian]
Vol. 3. 1957. 459 p.
Vol. 4. 1959. 524 p.

FOK, V. A. [Theory of space, time, and gravitation] Teoriia prostranstva, vremeni i tiagoteniia. Izd 2, dop. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 563 p.

GOLLAND, M. I. [Equipment for luminescence analysis] Apparatura dlia luminestsentnogo analiza. Moskva, Gos. energ. izd-vo, 1961. 127 p.

GOLUBEV, V. V. [Single-valued analytic functions, automorphic functions] Odnoznachnye analiticheskie funktsii; avtomorfnye funktsii. Vstup. stat'ia A. I. Markushevicha. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 455 p. (Biblioteka russkoi nauki: matematika, mekhanika, fizika, astronomiia)

GUR'EV, M. V. [Dissociation of large molecules under electronic impact, author's resumé of a dissertation for the degree of Candidate of Chemical Sciences] Dissotsiatsiia krupnykh molekul pri elektronnom udare, avtoreferat dissertatsii predstavlennoi na soiskanie uchenoi stepeni kandidata khimicheskikh nauk. Moskva, Gos. komitet Soveta Ministrov SSSR po khimii, 1959. 9 p.
[MICROFILM]

GUTKIN, A. M., and E. M. NOVODVORSKAIA. [Methods for conducting exercises in physics (in institutes of higher education), methodological manual for teachers in technical colleges] Metodika provedeniia uprazhnenii po fizike (vo vtuze), metodicheskoe posobie dlia prepodavatelei vysshikh tekhnicheskikh uchebnykh zavedenii. Moskva, Gos. izd-vo "Vysshaia shkola."
Pt. 1. [Mechanics and molecular physics] Mekhanika i molekuliarnaia fizika. 1961. 174 p.

HAINLA, V., and U. VALK. [Spruces growing in Estonia] Eestis kasvavad kuused. Tartu, Eesti NSV Teaduste Akadeemia, 1961. 77 p. (Abiks Loodusevaatlejale, no. 45) [In Estonian with summary in English]

IVANOV, I. D. [Polarography of proteins, enzymes, and amino acids] Pollarografiia belkov, enzimov i aminokislot. Moskva, Izd-vo Akad. nauk SSSR, 1961. 264 p.

IVANOVA-KAZAS, O. M. [Studies on the comparative embryology of Hymenoptera] Ocherki po sravnitel'noi embriologii pereponchatokrylykh. [Leningrad] Izd-vo Leningr. univ., 1961. 265 p.

KABANOV, A. N., A. A. MARKOSIAN, and V. S. FARFEL'. [Life and the structure of the human body] Zhizn' i stroenie cheloveche skogo organizma. Moskva, Izd-vo "Znanie," 1961. 34 p. (Narodnyi universitet kul'tury: Estestvennonauchnyi fakul'tet, no. 17)

KAZANSKII, G. S., and others. [Methods for changing the duration of the interaction between the beam and the target in a synchrophasotron at 10 Bev.] Metody izmeneniia dlitel'nosti vzaimodeistviia puchka s mishen'iu v sinkhrofazotrone na 10 Bev. Dubna, Ob"edinennyi in-t iadernykh issl., 1961. 17 p. [With summary in English]

KAZANTSEV, V. A. [Studying polymers in schools] Omuzishi polimerkho dar maktab, nishondodi metodi, Stalinobod, Nashriети davlatii adabieti ta"limi-pedagogii vazorati maorifi RSS Tochikiston, 1961. 31 p. [In Tajik]

KIREEV, P. S., and E. V. ZAGORIANSKAIA. [Molecular spectrum analysis] Molekuliarnyi spektral'nyi analiz. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 142 p.

KIUN, B., V. I. SALATSKII, and I. V. SIZOV. [Study of the reaction $C^{12}(t, p)C^{14}$. Dubna, Ob"edinennyi in-t iadernykh issl., 1961. 15 p. [With summary in English]

KOLOMASOV, L. I. [Climate of Western Siberia] Klimat Zapadnoi Sibiri. [Novosibirsk] Novosibgiz, 1947. 56 p.

KOLOTOV, S. M., ed. [Course in projective geometry] Kurs nachertatel'noi geometrii. 2 izd. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1961. 313 p.

KONDRAT'EV, K. N. [On the border of the living, phages, the viruses of microbes] Na grani zhivogo, fagi - virusy mikrobov. Moskva, Izd-vo "Znanie," 1961. 46 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 8, Biologiia i meditsina, no. 24)

KOZLOVSKAIA, N. V. [Spring plants in the Minsk region] Vesennie rastenila okrestnostei Minska. Minsk, Izd-vo M-va vysshego, srednego spetsial'nogo i professional'nogo obrazovaniia BSSR, 1961. 50 p.

KRAEVSKII, N. A., ed. [Influence of radioactive strontium on the animal organism] Vliianie radioaktivnogo stronttsiia na zhivotnyi organizm. Moskva, Medgiz, 1961. 199 p.
[MICROFILM]

KUDRIAVTSEV, E. V., and V. P. IONOV, eds. [Mobile plasma. Translations] Dvizhushchaiasia plazma, sbornik perevodov. Moskva, Izd-vo inostr. lit-ry, 1961. 612 p.

KUSHNIRENKO, A. N. [Electrodynamics] Elektrodinamika. [Kiev] Izd-vo Kievskogo univ., 1961. 234 p.

KUZ'MIN, P. P. [The process of the melting of snow] Protsess taianiia snezhnogo pokrova. Leningrad, Gidrometeor. izd-vo, 1961. 344 p.

LAIKHTMAN, D. L. [Physics of the atmospheric boundary layer] Fizika pogranichnogo sloia atmosfery. Leningrad, Gidrometeor. izd-vo, 1961. 252 p.

LENINGRAD. ARKTICHESKII I ANTARKTICHESKII NAUCHNO-ISSLEDOVATEL'SKII INSTITUT. [Materials on observations completed by the research drift stations "North Pole 6" and "North Pole 7" in 1957-58] Materialy nabliudenii nauchno-issledovatel'skikh dreifuiushchikh stantsii "Severnyi polius-6," "Severnyi polius-7" 1957/1958 goda. Pod obshchei red. V. M. Dilatskogo. Leningrad, Izd-vo "Morskoi transport."
Vol. 2. 1961. 653 p.

LENINGRAD. PERVYI LENINGRADSKII MEDITSINSKII INSTITUT. [Studies on the pharmacology of the reticular formation and of synaptic transmission] Issledovaniia po farmakologii retikuliarnoi formatsii i sinapticheskoi peredachi. S predisl. V. V. Zakusova. Pod red. A. V. Val'dmana. Leningrad, 1961. 431 p. (Sbornik trudov kafedry farmakologii) [With summaries in English]

LESHKOVTSEV, V. A. [Physics of cosmic space] Fizika kosmicheskogo prostranstva. Moskva, Izd-vo "Znanie," 1961. 39 p. (Narodnyi universitet kul'tury: Estestvennonauchnyi fakul'tet, no. 16)

LEVANT, G. E., and G. A. RAITSYN. [Laboratory work in general chemistry] Praktikum po obshchei khimii. Pod red. I. N. Putilovoi. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 277 p.

LEVINA, R. E. [Variety and development of forms of plant propagation] Mnogoobrazie i evoliutsiia form razmnozhenila rastenii. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 69 p.
[MICROFILM]

LUSHCHIKOV, V. I., A. A. MANENKOV, and IU. V. TARAN. [Dynamic polarization of protons in hydrogen peroxides and tertiary butyl] Dinamicheskaia poliarizatsiia protonov v perekisiakh vodoroda i tretichnogo butila. Dubna, Ob"edinennyi in-t iadernykh issl., 1961. 7 p. [With summary in English]

MACHABELI, M. S. [Theory of the coagulation of the blood; essays on the history of the problem and some clinical methods] Teoriia svertyvaniia krovi; ocherki po istorii voprosa i nekotorye klinicheskie metody. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1960. 142 p.

MAMEDNIIAZOV, O. N. [M. V. Lomonosov] Beiik rus alymy M. V. Lomonosov. Ashgabat, 1961. 29 p. [In Turkmen]

MARKOV, M. V. [Grasses of the Tatar A. S. S. R. (classification key), textbook for students of universities, pedagogical and agricultural institutes, agricultural and forestry workers, teachers, and amateur ethnographers] Zlaki Tatarskoi ASSR (opredelitel'). posobie dlia studentov universitetov pedagogicheskikh i sel'skokhoziaistvennykh institutov, rabotnikov sel'skogo i lesnogo khoziaistva, uchitelei i kraevedov-liubitelei. [Kazan'] Izd-vo Kazanskogo univ., 1961. 71 p.
(DA)

MARSHAK, M. S. [Proper diet for the individual] Kak nado pitat'sia. Moskva, Izd-vo "Znanie," 1961. 39 p. (Narodnyi universitet kul'tury: Estestvennonauchnyi fakul'tet, no. 22)

MEZHVEDOMSTVENNAIA KONFERENTSIIA PO VOPROSAM ISSLEDOVANIIA OBLAKOV, OSADKOV I ATMOSFERNOGO ELEKTRICHESTVA, 6th, 1959. [Study of clouds, precipitation, and thunderstorm electricity; reports] Issledovaniia oblakov, osadkov i grozovogo elektrichestva, doklady. Otv. red. N. I. Vul'fson, L. M. Levin. Moskva, Izd-vo Akad. nauk SSSR, 1961. 327 p.

MIKHAILOV, I. F., and S. I. D'IAKOV. [Fluorescence microscopy, application in medical microbiology] Liuminestsentnaia mikroskopiia, primenenie v meditsinskoi mikrobiologii. Moskva, Medgiz, 1961. 222 p.

MIKHEEVA, L. M., and N. B. MIKHEEV. [Radioactive isotopes in analytical chemistry] Radioaktivnye izotopy v analiticheskoi khimii. Moskva, Gos. izd-vo lit-ry v oblasti atomnoi nauki i tekhn., 1961. 96 p.

MISHIN, V. P., and IA. S. PRZHEBOROVSKII. [Practical work in physical and colloid chemistry for the students of medical and stomatological institutes] Praktikum po fizicheskoi i kolloidnoi khimii, dlia studentov meditsinskikh i stomatologicheskikh institutov. Moskva, 1-i Mosk. med. in-t im. I. M. Sechenova, 1961. 52 p.
[MICROFILM]

MOISEEVA, E. N. [Biochemical properties of lichens and their practical importance] Biokhimicheskie svoistva lishainikov i ikh prakticheskoe znachenie. Moskva, Izd-vo Akad. nauk SSSR, 1961. 81 p.

MOROZOV, A. A. [M. V. Lomonosov; his career up to maturity, 1711-1741] M. V. Lomonosov. Put' k zrelosti, 1711-1741. Moskva, Izd-vo Akad. nauk SSSR, 1962. 486 p.

NIKANOVROV, V. I., and others. [Measurement of the spin correlation coefficient C_{kp} for proton-proton scattering at an energy of 660 Mev.] Izmerenie koeffitsienta spinovoi korreliatsii C_{kp} dlia (p-p) - rasseianiia pri energii 660 Mev. Dubna, Ob"edinennyi in-t iadernykh issl., 1961. 8 p. [With summary in English]

OBREIMOV, I. V. [Digital coding of scientific concepts] O tsifrovom kodirovanii nauchnykh poniatii. Moskva, Izd-vo Akad. nauk SSSR, 1961. 26 p.

ORLOV, A. IA. [Selected works in three volumes] Izbrannye trudy v trekh tomakh. Kiev, Izd-vo Akad. nauk USSR.
Vol. 3. 1961. 242 p.

FED', D. A., and Z. L. TURKETTI. [Distribution of the diurnal range of air temperature variations in the U. S. S. R.] Raspredelenie sutochnykh amplitud temperatury vozdukha na territorii SSSR. Moskva, Gidrometeor. izd-vo (otd-nie) 1961. 167 p.

PENNEMAN, R. A., and T. K. KEENAN. [Radiochemistry of americium and curium. Translated from the English. Preface by G. IAkovlev] Radiokhimiia ameritsiia i kiuriia. Pod red. G. N. IAkovleva. Moskva, Izd-vo inostr. lit-ry, 1961. 96 p.

PESHKOVA, V. M., and M. I. GROMOVA. [Practical manual on spectrophotometry and colorimetry] Prakticheskoe rukovodstvo po spektrofotometrii i kolorimetrii. [Moskva] Izd-vo Mosk. univ., 1961. 172 p.
[MICROFILM]

PETROV, A. Z. [Space, time, and matter; elementary outline of the modern theory of relativity] Prostranstvo-vremia i materiia; elementarnyi ocherk sovremennoi teorii otnositel'nosti. [Kazan'] Izd-vo Kazanskogo univ., 1961. 70 p.

PIKEL'NER, S. B. [The sun] Solntse. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 62 p. (Populiarnye lektsii po astronomii, no. 11)

PISARZHEVSKII, O.N. [Pages from the life of a Bolshevik and scientist, L IA Karpov] Stranitsy zhizni bol'shevika-uchenogo, o L. IA. Karpove. Moskva, Gos izd-vo polit lit-ry, 1960 30 p (Geroi i podvigi)

PLAVIL'SHCHIKOV, N N [Zoology, a textbook for teachers' institutes] Zoologiia, uchebnik dlia pedagogicheskikh uchilishch Izd 4 Moskva, Gos uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961 245 p

PODGORETSKII, M.I., and E.N. TSYGANOV [Determination of the true number of events and its fluctuations on the basis of the results of two independent observations] Opredelenie istinnogo chisla sobytii i ego fluktuatsii po rezul'tatam dvukh nezavisimykh nabliudenii Dubna, Ob"edinennyi in-t iadernykh issl 1961 6 p

PRIBALTIISKAIA ORNITOLOGICHESKAIA KONFERENTSIIA, 4th, 1960. [Abstracts of reports of the Baltic Conference on Ornithology] Tezisy dokladov. Riga, Izd-vo Akad. nauk Latviiskoi SSR, 1960 114 p.

RABINOVICH, B.N [Practical work in advanced geodesy, calculating operations] Praktikum po vysshei geodezii; vychislitel'nye raboty Izd. 2., perer. i dop. Moskva, Izd-vo Geodez lit-ry, 1961. 338 p

RAIKOV, B.E. [Karl Ernst von Baer, his life and works] Karl Ber; ego zhizn' i trudy. Moskva, Izd-vo Akad. nauk SSSR, 1961 521 p.

RASHKEVICH, N.A. [Life boils in the desert] Sakhroda kham khaet kainaidi. Toshkent, Uzbekiston SSR fanlar Akademiiasining nashriieti, 1961. 35 p. [In Uzbek]

RESPUBLIKANSKII INSTITUT USOVERSHENSTVOVANIIA UCHITELEI. [From the work practice of chemistry and biology teachers] Iz opyta raboty uchitelei khimii i biologii. Ashkhabad, Turkmenskoe gos. uchebno-pedagog. izd-vo, 1961. 21 p. (Bibliotechka uchitelia)

RISTKOK, J. [Ichthyophenological observations in the Estonian S.S.R. during 1951-1955] Ihtuofenoloogilised vaatlused Eesti NSV-s, 1951-1956. Tartu, Eesti NSV Teaduste Akadeemia, 1961 74 p. (Abiks Loodusevaatlejale, no. 42) [In Estonian, Russian, and German]

ROKITSKII, P.F. [Principles of variation statistics for biologists] Osnovy variatsionnoi statistiki dlia biologov. Minsk, Izd-vo Belgosuniv. im. V.I Lenina, 1961. 220 p

[MICROFILM]

RUSIN, N.P. [Meteorological and radiation regime of Antarctica] Meteorologicheskii i radiatsionnyi rezhim Antarktidy Leningrad, Gidrometeor. izd-vo, 1961. 446 p.

RUSSIA (1917- R.S.F.S.R.) Ministerstvo prosveshchenila. [Secondary school programs for the 1961-1962 school year; chemistry, grades 8-10] Programmy srednei shkoly na 1961/62 uchebnyi god; khimiia, VIII-X klassy. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 22 p.

SHAFRANOVSKII, I.I. [Mineral crystals; curve-faced, skeleton, and granular forms] Kristally mineralov; krivogrannye, skeletnye i zernistye formy Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol i okhrane nedr, 1961. 331 p.

SHAKHNO, K.U. [How to prepare for entrance examinations to institutions of higher learning; mathematics] Kak gotovit'sia k priemnym ekzamenam v vuz, matematika. [Leningrad] Izd-vo Leningr. univ., 1961 246 p.

SHCHERBAKOVA, E.IA. [Eastern Siberia] Vostochnaia Sibir'. Leningrad, Gidrometeor. izd-vo, 1961. 300 p. (Klimat SSSR, no. 5)

SHEVCHENKO, F.D. [Basic principles and laws of chemistry] Osnovni poniattia i zakony khimii Kyiv, Tovarystvo dlia poshyrennia polit. i nauk. znan' URSR, 1961. 34 p.

SHKABARA, E.A., I.IA. ZAVILIANSKII, and S.D. RAVIKOVICH. [Cybernetics and the brain] Kibernetika i mozg. Kiev, 1961. 52 p. (Obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii Ukrainskoi SSR. Ser. 6, no. 23)

SHOROKHOVA, E.V. [The problem of consciousness in philosophy and natural science] Problema soznaniia v filosofii i estestvoznanii. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 362 p.

SIERPINSKI, WACLAW. [Solution of equations in integral numbers. Translated from the Polish] O reshenii uravnenii v tselykh chislakh. Moskva, Gos. izd-vo fiziko-matem. 1961. 87 p.

SIMONOV, V.G. [Quantitative and qualitative transformations in microphysical processes] Kolichestvennye i kachestvennye prevrashcheniia v mikrofizicheskikh protsessakh. Minsk, Izd-vo Belgosuniversiteta im. V.I Lenina, 1961 20 p

SINGER, J.R. [Masers, solid state generators and amplifiers Translated from the English] Mazery, kvantovye usiliteli i generatory. Pod red. F.V Bunkina Moskva, Izd-vo inostr lit-ry, 1961. 206 p

SKVORTSOVA, A.A., and I.I. KHRENOV. [Technique for studying blood circulation, gas and energy metabolism, and pulmonary respiration in farm animals, a practical guide] Tekhnika issledovaniia krovoobrashcheniia, gazoenergeticheskogo obmena i legochnogo dykhaniia u sel'skokhoziaistvennykh zhivotnykh, prakticheskoe rukovodstvo. Moskva, Izd-vo Akad. nauk SSSR, 1961. 82 p.

SMIRNOV, V.I. [Course in higher mathematics] Kurs vysshei matematiki. Izd. 19, ispr. Moskva, Gos izd-vo fiziko-matem lit-ry.
Vol I. 1961. 478 p.

SMIRNOV, V.I., ed. [Studies on modern problems in the constructive theory of functions] Issledovaniia po sovremennym problemam konstruktivnoi teorii funktsii, sbornik statei Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 368 p.

SOVESHCHANIE PO SEREBRISTYM OBLAKAM, 6th, Riga, 1961. [Transactions of the Sixth Conference on Noctilucent Clouds] Trudy. Riga, Izd-vo Akad. nauk Latviiskoi SSR, 1961. 197 p.

[SPONTANEOUS FISSION WITH AN ANOMALOUSLY SHORT PERIOD] Spontannoe delenie s anomal'no korotkim periodom. Dubna, Ob"edinennyi in-t iadernykh issl [With summary in English]
Pt. 1. Polikanov, S.M., and others. 1962 17 p.
Pt. 2. Perelygin, V.P., and others. 1962. 7 p.

SREBRODOL'SKII, N.D. [Collection of problems and exercises on business mathematics] Sbornik zadach i uprazhnenii po torgovym vychisleniiam. Moskva, Gos. izd-vo torg. lit-ry, 1961. 214 p.

STEPANOV, B.I. [Fundamentals of the spectroscopy of negative luminous fluxes] Osnovy spektroskopii otritsatel'nykh svetovykh potokov. Minsk, Izd-vo Belgosuniv. im. V.I. Lenina, 1961. 122 p.

STRIGANOVA, A.P. [Reactivity and regenerative ability of denervated muscle at various stages of atrophy] Reaktivnost' i vosstanovitel'naia sposobnost' denervirovannoi myshtsy na raznykh stadiiakh atrofii. Moskva, Izd-vo Akad. nauk SSSR, 1961. 144 p.

SUKHENKO, K.A., ed. [Photoelectric methods of spectral analysis, collection of articles] Fotoelektricheskie metody spektral'nogo analiza; sbornik statei. Moskva, Gos. nauchno-tekhn. izd-vo Oborongiz, 1961. 95 p.

TEMNIKOVA, T.I., and V.A. CHERKASOVA. [Reference literature on organic chemistry] Spravochnaia literatura po organicheskoi khimii [Leningrad] Izd-vo Leningr. univ., 1961. 90 p.

TRUDNEV, V.P. [Count, grasp the meaning, and guess!] Schitai, smekai, otgadyvai. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 70 p.

VIALOV, G.N. [Two-dimensional problem of a magnetic field formed in the gap of a symmetric magnet] Ploskaia zadacha formirovaniia magnitnogo polia v zazore simmetrichnogo magnita. Dubna, Ob"edinennyi in-t iadernykh issl., 1961. 14 p. [With summary in English]

VIKTOROV, K.R. [Physiology of farm animals] Fiziologiia sel'skokhoziaistvennykh zhivotnykh. Pod red. E.N. Pavlovskogo. Moskva, Gos. izd-vo "Vysshaia shkola," 1960. 285 p.

VIL'NYTS'KYI, M.B. [Lenin on space and time and the theory of relativity] Lenin pro prostir i chas ta teoriiu vidnosnosti. Kyiv, 1961. 48 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. I, no. 23)

VINNIKOV, IA.A., and L.K. TITOVA. [Organ of Corti; histophysiology and histochemistry] Kortiev organ; gistofiziologiia i gistokhimiia. Moskva, Izd-vo Akad. nauk SSSR, 1961. 200 p.

VOLEVAKHA, M.M. [How to control the weather] Chy mozhna keruvaty pohodoiu Kyiv, 1961. 31 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR, Ser. 6, no. 24)

VOROPAEVA, A.V., and E.I. PODKOVSHCHIKOVA. [Dynamic series, textbook] Dinamicheskie riady; uchebnoe posobie. Minsk, Izd-vo M-va vysshego, srednego spetsial'nogo i professional'nogo obrazovaniia BSSR, 1961. 22 p

VSESOIUZNAIA KONFERENTSIIA PO TEORII FUNKTSII KOMPLEKSNOGO PEREMENNOGO, 4th, Moscow, 1958. [Studies on present-day problems in the theory of functions of complex variables (collected articles); reports] Issledovaniia po sovremennym problemam teorii funktsii kompleksnogo peremennogo (sbornik statei), doklady. Pod red. A.I. Markushevicha. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 511 p.

VSESOIUZNOE SOVESHCHANIE PO PROBLEMU RENIIA, 1958. [Rhenium, transactions] Renii, trudy Moskva, Izd-vo Akad. nauk SSSR, 1961 278 p.

ZANINA, A.A. [Caucasus] Kavkaz Leningrad, Gidrometeor. izd-vo, 1961 289 p. (Klimat SSSR, no. 2)

ZHIRIAKOV, V.G. [Organic chemistry] Organicheskaia khimiia. Moskva, Gos nauchno-tekhn. izd-vo khim. lit-ry, 1961. 300 p.

ZINOV'EV, A.A. [Propositional calculus and the theory of deduction] Logika vyskazyvanii i teoriia vyvoda. Moskva, Izd-vo Akad. nauk SSSR, 1962. 151 p.

14. MEDICINE

AKADEMIIA MEDITSINSKIKH NAUK SSSR. Moscow. [Transactions of a session of the Academy of Medical Sciences in Erivan, October 12-14, 1959] Trudy nauchnoi sessii Akademii meditsinskikh nauk SSSR v Erevane 12-14 oktiabria 1959 g. Redkolleglia. V.D. Timakov i dr. Moskva, Medgiz, 1960 191 p.
(DNLM)

ALEKSANDROVA, A.P., and V.S. LUK'IANOV. [Problems in the clinical aspects, prevention, and treatment of hypotension] Voprosy kliniki, profilaktiki i lecheniia gipotonicheskoi bolezni. Pod red. V.M. Banshchikova. Moskva, M-vo zdravookhraneniia RSFSR, 1960. 83 p.
(DNLM)

ANDREEVA, M.P. [Diseases of the thyroid gland] Zabolevaniia shchitovidnoi zhelezy. [Leningrad] Medgiz, 1961. 36 p. (Nauchno-populiarnaia meditsinskaia literatura)
(DNLM)

AVDULINA, A.S. [Do you know how to breathe? Conversations with a specialist in exercise therapy] Umeete li vy dyshat'; besedy metodista lechebnoi gimnastiki. Moskva, Izd-vo "Znanie," 1961. 35 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 8, Biologiia i meditsina, no. 23)

BAGDASAROV, A.A., and V.A. AGRANENKO. [Blood service] Sluzhba krovi. Moskva, Medgiz, 1961. 176 p.
(DNLM)

BEKKER, S.M., and S.G. KHASKIN, eds. [Women's clinic] Zhenskaia konsul'tatsiia. [Leningrad] Medgiz, 1961. 140 p.
(DNLM)

BELIAKOV, V.D. [Immunogenic prophylaxis in epidemiology] Immunoprofilaktika v epidemiologii. Moskva, Medgiz, 1961. 337 p

BUSYGIN, A.T. [Problems in preventing deformations of the maxillodental system and in the orthopedic treatment of amphodontosis (parodontosis)] Voprosy profilaktiki deformatsii zubochelustnoi sistemy i ortopedicheskogo lecheniia amfodontoza (parodontoza). Tashkent, Gos. med. izd-vo M-va zdravookhraneniia UzSSR, 1961. 45 p.
(DNLM)

DADASHI'IAN, M.A. [Prevention of infectious diseases and allergy in children] Profilaktika infektsionnykh zabolevanii i allergii u detei. Moskva, Medgiz, 1961. 248 p.
(DNLM)

DAVYDOV, R.Z. [Rectal fistulas] Rektal'nye svishchi. Tashkent, Gos. med. izd-vo M-va zdravookhraneniia UzSSR, 1961. 65 p.
(DNLM)

GEOGRAFICHESKOE OBSHCHESTVO SSSR. [Materials of the Commission on Medical Geography] Materialy Komissii meditsinskoi geografii. Leningrad.
Pt. 1. 1961. 76 p.

15 ACKNOWLEDGMENTS

BRODSKII, V. V., and others. [Concise handbook for the fruit grower] Kratkii spravochnik sadovoda Izd. 2. Minsk, Gos. izd-vo BSSR. Red. sel'khoz lit-ry, 1961 343 p
(DA)

CHEREMIN, I. K. [Seven-year plan of the collective farm] Semiletnii plan kolkhoza. [Gor'kii] Gor'kovskoe knizhnoe izd-vo, 1961. 77 p.
(DA)

[CONCISE MANUAL FOR THE BEEKEEPER] Korotkyi dovidnyk pasichnyka Kyiv, Derzh. vyd-vo sil's'kohospodars'koi lit-ry URSR, 1961. 164 p.
(DA)

[CORN IN THE FIELDS OF THE RUSSIAN FEDERATION] Kukuruza na polikh Rossiiskoi Federatsii. Moskva, Izd-vo M-va sel', khoz. RSFSR, 1961. 381 p.
(DA)

[DESIRED WATER] Zhelannaia voda [Moskva, Izd-vo "Molodaia gvardiia," 1961] 16 p

DMITROCHENKO, A. P., and P. D. PSHENICHNYI. [Feeding farm animals] Kormlenie sel'skokhoziaistvennykh zhivotnykh. Leningrad, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 527 p. (Uchebniki i uchebnye posobiia dlia sel'skokhoziaistvennykh vuzov)
(DA)

EESTI NSV TEADUSTE AKADEEMIA. Zoologia ja Botaanika Instituut. [Forestry research in the Estonian S. S. R.] Lesovodstvennye issledovaniia v Estonskoi SSR. Tartu, 1960. 64 p
(DA)

EROKHIN, N. D. [Private flower gardening] Priusadebnoe tsvetovodstvo Izd. 2, perer i dop. [Kostroma] Kostromskoe knizhnoe izd-vo, 1961 258 p.
(DA)

FARKHUTDINOV, M. F. [Under any kind of weather] Pri liubol pogode. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1961 24 p (VLKSM komsomol'skomu aktivistu)
(DA)

GLINIANYI, V. G., and UKTAM NARIMOV. [For high labor productivity; from the experience of the "Savai" State Farm, Andizhan Province] Za vysokuiu proizvoditel'nost' truda; iz opyta raboty sovkhoza "Savai" Andizhanskoi oblasti. Tashkent, Gos. izd-vo UzSSR, 1961. 40 p. (Vystavka dostizhenii narodnogo khoziaistva SSSR)
(DA)

GNEUSHEV, V. G. [Pioneers of higher speed] Pionery bol'shikh skorostei. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1961. 31 p. (VLKSM komsomol'skomu aktivistu)
(DA)

GOLUBEV, A. V. [Mechanization of grass drying] Mekhanizatsiia sushki trav. Moskva, Mashgiz, 1961. 77 p. (Biblioteka mekhanizatora sel'skogo khoziaistva)
(DA)

GORIN, D. P. [Collective farms and research] Kolkhoz i nauka. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 134 p.
(DA)

ian agriculture,
ukis, 1940-1960.
tslines literatures
n]

tensive
go

IAKUNINA, N. M [Annual obligations, in eight months] Godovoe obiazatel'stvo - za 8 mesiatsev. [Tula] Tul'skoe knizhnoe izd-vo, 1960 10 p. (Novatory sel'skogo khoziaistva)
(DA)

IARMOLENKA, M. M. [Ways for reducing costs in the production of meat and milk] Shliakhi znizhennia zatrat na vytvorchasts' miasa i malaka. Minsk, Dziarzh. vyd-va sel'skahaspadarchai lit-ry BSSR, 1961 62 p

IAROTSKII, A. V. [Outstanding female hog growers] Dongdor chuchkabokar . Toshkent, Uzbekiston SSR davlat nashriieti, 1961. 19 p
(DA)

KAZAKOV, E. D. [Harmful impurities in grain, poisonous and those requiring quarantine] Vrednye primesi v zerne, iadovitye i karantinnye. Moskva, Zagotizdat, 1961, 191 p.
(DA)

KHODOROVICH, M. A., and others. [Operation and repair of agricultural electric systems] Ekspluatatsiia i remont sel'skokhoziaistvennykh elektricheskikh ustanovok. Izd 2 Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961 336 p. (Uchebniki i uchebnye posobiia dlia sel'skokhoziaistvennykh tekhnikumov)
(DA)

KOLESNIKOV, A. S [Full utilization of water resources, experience of the Kanevskaya poultry breeders] Osvaivaem golubiiu tselinu; opyt kanevskikh ptitsevodov. Moskva, Gos. izd-vo sel'khoz lit-ry, 1960 61 p

KOMMUNISTICHESKAIA PARTIIA SOVETSKOGO SOIUZA. Vysshaia partiinaia shkola [Textbook on agriculture for party schools] Uchebnoe posobie po sel'skomu khoziaistvu dlia partiinykh shkol Moskva, Pt. 1 [Crop farming] Zemledelie, 1958. 397 p
(DA)

KOVALENKO, O. V. [Orchard diseases and pests in Kabardino-Balkaria] Vreditell i bolezni sadov Kabardino-Balkarii. 3 perer. i dop. izd. Nal'chik, Kabardino-Balkarskoe knizhnoe izd-vo, 1960 110 p.
(DA)

KRÁLIN, P. I. [Fertilizing of fields] Udobrenie polei. Moskva, Izd-vo "Znanie," 1961. 31 p. (Narodnyi universitet kul'tury. Sel'skokhoziaistvennyi fakul'tet, no. 16)

KRYLOV, G. V. [Forests of Western Siberia, history of studies, forest types, zoning, ways of use, and improvements] Lesa Zapadnoi Sibiri; istoriia izucheniia, tipy lesov, raionirovanie, puti ispol'zovaniia i uluchsheniia. Moskva, Izd-vo Akad. nauk SSSR, 1961 253 p.

KUPERMAN, F. M. [Biological control in the service of the harvest] Biologicheskii kontrol' na sluzhbu urozhaiu. Moskva, Izd-vo "Znanie," 1961. 52 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 8, Biologiia i meditsina, no. 22)

KUZ'MIN, V. V. [How to increase the resistance of farm animals to infectious diseases] Kak povysit' ustoichivost' sel'skokhoziaistvennykh zhivotnykh k zaraznym zabolevaniiam. Leningrad, Izd-vo sel'khoz lit-ry zhurnalov i plakatov, 1961. 113 p
(DA)

LIPATOV, N. N. [Separation of milk] Separirovanie moloka. Moskva, Pishchepromizdat, 1960. 254 p.
(DA)

LISKUN, E. F. [Selected works] Izbrannye trudy. Pod red. E. A. Arzumanians. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1961. 532 p.
(DA)

V. L. [Gardens and parks of the Ukraine, national and their preservation] Sady i parky Ukrainy; pamiatky ta ikh okhorona. Kyiv, 1961. 50 p. rstvo dlia poshyrennia politychnykh i naukovykh krains'koi RSR. Ser. 6, no. 21)

, G. E., and V. G. ARESHCHENKO. [Organizawork in forest enterprises] Organizatsiia truda priiatiiakh lesnogo khoziaistva. Minsk, Gos. sel'khoz. lit-ry BSSR, 1961. 105 p.

FOR THE FRUIT GROWER] Sputnik sadovoda. r] Tambovskoe knizhnoe izd-vo, 1960. 478 p.

VA, E. N. [Breeding of species of the genus] Selektsionnaia rabota s vidami roda Gibiskus t, Uzbekskaia Akad. sel'khoz. nauk, 1960.

[OUR BEACONS] Nashi maiaki. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 1 v (Bibliotechka "Nagliadnaia agitatsiia, propaganda i khudozhestvennoe oformlenie," no 4)

OVEZOV, ATA. [Agricultural machines and implements used in cotton growing] Pagtachylykda ulanylian obalkhozhalyk mashynlary we gurallary Ashgabat, 1961 110 p [In Turkmen]
(DA)

PELAHECHA, D. I [Friendly team, a sketch as told to I. O. Kornienko] Druzhna lanka, literaturnyi zapys I. O. Kornienka Kyiv, 1961. 41 p Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR Ser 5, no 15)

PLUNIAN, R. [At the forefront] Oldingi safda. Toshkent, "Kizil Uzbekiston, "Pravda Vostoka" va "Uzbekiston Sukh" bir lashgan nashriieti, 1961 15 p [In Uzbek]
(DA)

POLIAKOV, I. IA. [Harmful rodents and their control] Vrednye gryzuny i bor'ba s nimi. Leningrad, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 261 p.
(DA)

PRIKHOD'KO, V. A. [Hello, Anna Andreevna!] Zdravstvuite, Anna Andreevna! [Moskva] Mosk. rabochii, 1961. 63 p.
(DA)

PROTSENKO, E. P., and A. E PROTSENKO. [Concise atlas of the diseases of ornamental plants] Kratkii atlas boleznei dekorativnykh rastenii Moskva, Izd-vo Akad. nauk SSSR, 1961. 135 p.
(DA)

RAUD, A., and A. VAHER. [Catalog of types of regionalized and promising agricultural crops of the Estonian S. S. R.] Eesti NSV-s rajoonitud ja perspektiivsete pollumajanduskultuuride sortide kataloog. Tallinn, Eesti Riiklik Kirjastus, 1960. 25 p.
(DA)

RICHTER, R. R. [Pneumatic grass drier] Pnevmaticheskaia sushilka dlia trav. [Cheliabinsk] Cheliabinskoe knizhnoe izd-vo, 1961 34 p.
(DA)

ROGOV, A. A., and A. G. TORIN. [Labor protection on the collective farm; basic principles of the safety engineering and hygiene] Okhrana truda v kolkhoze, osnovnye pravila tekhniki bezopasnosti i proizvodstvennoi sanitarii. Moskva, Gos. izd-vo iurid lit-ry 1961. 63 p (Iuridicheskie konsul'tatsii v voprosakh i otvetakh, no. 13)

SAPUNOV, V. A. [Carbamide, a substitute for forage protein in stockbreeding] Karbamid - zamenitel' kormovogo belka v zhivotnovodstve. Minsk, Gos. izd-vo sel'khoz. lit-ry BSSR, 1961. 38 p.
(DA)

SHARAKHMEDOV, A. [Green light to cotton, from the experience of the Khrushchev Collective Farm, Yangi-Yul' District, Tashkent Province] Khlopku - zelenuiu ulitsu; iz opyta kolkhoza imeni Khrushcheva Iangiul'skogo raiona Tashkentskoi oblasti. Tashkent, Gos. izd-vo UzSSR, 1961. 45 p. (Vystavka dostizhanii narodnogo khoziaistva SSSR)
(DA)

SHASHIN, P. P. [Improvement of meadows is an urgent task of collective and state farms] Uluchshenie lugov - neotlozhnoe delo kolkhozov i sovkhozov. [Kaluga] Kaluzhskoe knizhnoe izd-vo, 1959. 17 p.
(DA)

SHIBALOV, A. N., and S. G. RASKIN. [One million domestic fowl] 1000 000 golov ptitsy. [Leningrad] Lenizdat, 1960 90 p.
(DA)

SKRYNNIKOVA, I. N. [Soil processes in cultivated peat lands, as exemplified by the cultivated ashy peat soils in the Yakhroma River Valley] Pochvennye protsessy v okul'turennykh torfianykh pochvakh; na primere issledovanii okul'turennykh mnogozol'nykh torfianykh pochv doliny r. IAkhromy. Moskva, Izd-vo Akad. nauk SSSR, 1961. 246 p.

SMETNEV, S. I., ed. [Chickens for meat] TSypliata na miaso. Moskva, Izd-vo M-va sel'. khoz. RSFSR, 1960. 197 p.
(DA)

SOLDATOV, A. G. [Growing high-production oak forests] Vyrashchivanie vysokoproduktivnykh dubrav. Moskva, Izd-vo sel'khoz. lit-ry zhurnalov i plakatov, 1961. 173 p.
(DA)

[A SOLDIER ON VIRGIN LANDS] Bũz erga kelgan soldat, sikl opeichi Ismoil Ibrakhimovning ish tazhribasi. Toshkent, Üzbekiston SSR davlat mashinati, 1961. 10 p. [In Uzbek]

[SUGAR BEET IN SIBERIA] Sakharnaia svekla v Sibiri. Moskva, Izd-vo M-va sel'. khoz. RSFSR, 1960. 206 p. (DA)

SVERDLOVSK. SVERDLOVSKII NAUCHNO-ISSLEDOVATEL'SKII INSTITUT LESNOI PROMYSHLENNOSTI. [Transactions of the Sverdlovsk Scientific Research Institute for the Lumbering Industry] Trudy [n p.] TSentr. nauchno-issl. in-t mekhanizatsii i energetiki lesnoi promyshl., 1960. 56 p. [MICROFILM]

[SWINE DISEASES] Bolezni svinei Izd. 2., perer. i dop. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1961 608 p. (DA)

TARASENKO, M. P., B. I. SHIK, and P. M. DOBROVOL'SKII. [Advice to fruit and grape growers] Sovety sadovodam i vinogradariam. Izd. 3. Kiev, Gos. izd-vo sel'khoz. lit-ry USSR, 1960. 249 p. (DA)

TARKHOV, A. I. [Pneumatics and automation of irrigation] Pnevmatika i avtomatizatsiia polivov Stalinabad, Izd-vo M-va sel'. khoz. Tadzhikskoi SSR, 1961 42 p. (DA)

TARTU. EESTI POLLUMAJANDUSE AKADEEMIA. [Diseases of swine] Bolezni svinei. Tartu, Izd. Estonskoi sel'khoz. Akad i Estonskogo nauchno-issl. in-ta zhivotnovodstva i veterinarii, 1960 349 p. (DA)

TIMOSHININ, V. D., and others. [Manual on sugar beet cultivation in the B. S. S. R.] Spravochnik po vozdelyvaniiu sakharnoi svekly v BSSR. Minsk, Gos. izd-vo BSSR. Red. sel'khoz. lit-ry, 1961. 194 p. (DA)

TOOTSEN, U. [Utilization of inland waters] Siseveekogude majandamisest Tallinn, Eesti Riiklik Kirjastus, 1960. 146 p. [In Estonian]

TSITOVICH, S. G. [Gory-Goretskii Agricultural Institute, the first higher agricultural school in Russia, 1836-1864] Gorygoretskii zemledel'cheskii institut - pervaia v Rossii vysshaia sel'skokhoziaistvennaia shkola, 1836-1864. Gorki, Izd-vo Belorusskoi sel'khoz. akad., 1960. 271 p. (DA)

TSOKOL, L. I. [Secret of success of a master greenhouse manager] Sekrety mastera-parnikovoda. [Moskva] Mosk. rabochii, 1961. 30 p (Liudi, dela, plany) (DA)

TSVETKOV, B. N. [Legal regulation of lumbering operations] Pravovoe regulirovanie lesozagotovitel'nykh rabot. Izd. 2., perer. [Leningrad] Lenizdat, 1961. 110 p. (DA)

UZILEVSKAIA, P. SH., and R. NEGMATULLIN. [Eshkuvvat Kucharov, rabbit breader] Krolikovod Eshkuvvat Kucharov. Tashkent, M-vo kul'tury UzSSR TSentr. Kom-t LKSM Uzbekistana Izd-vo "Esh gvardiia," 1961. 14 p. (Shkola peredovogo opyta) (DA)

VASYL'TEV, V. P., and M. I. SHYSHKOVA. [Pests and diseases of fruit and measures for their control] Shkidnyky ta khvoroby plodovykh kul'tur ta zakhody borot'by z nymy. Kyiv, 1961. 47 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 5, no. 19)

VINNICHENKO, I. F. [Here they are, the beacons; from a writer's notebook] Vot oni maiaki, iz bloknota pisatelia. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1961. 74 p. (DA)

VINOKUROV, M. M. [Make way for monospermous sugar beets] Dorogu odnosemiannoi! [Voronezh] Voronezhskoe knizhnoe izd-vo, 1961. 18 p. (DA)

VOROB'EV, N. IA., and V. A. ZHURAVSKII. [Creator of golden ears; a sketch] Tvorets zolotykh kolos'ev; ocherk. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 47 p. (DA)

VORONENKO, B. G. [Experimental tree-tapping in the Soviet Union] Opytnaia podsochka v Sovetskom Soiuze. Moskva, Goslesbumizdat, 1961. 183 p. (DA)

VSESOIUZNOE SOVESHCHANIE PO PROIZVODSTVU KUKURUZY, Krasnodar, 1960. [All-Union Conference on Corn Growing] Vsesoiuznoe soveshchanie po proizvodstvu kukuruzy, g. Krasnodar, 9-13 fevralia 1960 goda. Moskva, Izd-vo M-va sel'. khoz. SSSR, 1961. 527 p. (DA)

ZAMIATIN, G. S., ed. [Efficient use of feeds] Ratsional'noe ispol'zovanie kormov. Moskva, Izd-vo M-va sel'. khoz RSFSR, 1961. 73 p. (DA)

ZHIGUNOV, P. S., ed. [Northern reindeer breeding] Severnoe olenevodstvo. Izd. 2., perer. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 518 p. (DA)

16. TECHNOLOGY

AKADEMIIA NAUK SSSR. Institut kompleksnykh transportnykh problem. [Water and air transportation in capitalist countries, trends in the development of equipment] Vodnyi i vozdushnyi transport kapitalisticheskikh stran, tendentsii razvitiia tekhnicheskikh sredstv. Moskva, Izd-vo Akad. nauk SSSR, 1961 350 p.

AKADEMIIA NAUK SSSR. Otdelenie geologo-geograficheskikh poleznykh iskopaemykh. [Mineral distribution characteristics] Zakonomernosti razmeshcheniia poleznykh iskopaemykh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu.
Vol. 4 [Placer deposits] Rossypi. 1960. 254 p

AKADEMIIA NAUK URSR, Kiev. Instytut mashinoznavstva i avtomatyky. [Machines and devices for testing metals] Mashiny i pryltory dlia ispytanii metallov Kiev, Izd-vo Akad nauk USSR, 1961 132 p.

AKADEMIIA SEL'SKAHASPADARCHYKH NAVUK BSSR. Navukova-dasledchy instytut mekhanizatsyi i elektryfikatsyi sel'skai gaspadarki. [Problems of agricultural mechanics] Voprosy zemledel'cheskoi mekhaniki. Pod red. M. E. Matsepuro i B. N. IAnushkevicha. Minsk, Gos. izd-vo sel'khoz. lit-ry BSSR.
Vol. 7. 1961. 201 p.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut ekonomiki stroitel'stva. [Methods for determining the economic efficiency of new equipment in construction] Metody opredeleniia ekonomicheskoi effektivnosti novoi tekhniki v stroitel'stve. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 61 p.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. [Standard technological charts for hydraulic working, transporting, and filling of soil] Tipovye tekhnologicheskie karty po gidromekhanizirovannoi razrabotke, transportirovaniiu i ukladke grunta v sooruzheniia. Moskva, Gos. izd-vo lit-ry po stroit., arkhit i stroit. materialam, 1961. 37 p.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. [Temporary instructions N8-61 on operating procedures for cranes and basic earthmoving machines] Vremennye ukazaniia po rezhimam raboty kranov i osnovnykh zemleroinykh mashin N 8-61. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 30 p.

AKHMEDOV, A. [Invisible helpers] Küzga Kirinmas ördamchilar. Toshkent, Üzbekiston SSR davlat nashriëti, 1961. 63 p. [In Uzbek]

AKSEL, JAAN. [Fundamentals of storage] Laomajanduse pohialused. Tallin, Eesti Riiklik Kirjastus, 1960. 393 p. [In Estonian]

ALEKSANDROV, A. A., and B. I. FRIDMAN. [Handbook of the master worker in the saddle and industrial leather industries] Spravochnik mastera proizvodstva shorno-sedel'nykh i tekhnicheskikh kozh. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1961. 411 p.

ALKHAZOV, G. G. [Piston air compressor stations in machinery plants] Vozdushnye porshnevye kompressornye stantsii mashinostroitel'nykh zavodov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 110 p.

ALT, E., and E. JAKOOBI. [Manual for the repairing of radios] Raadiokoi rastaja kasiraamat. Tallinn, Eesti Riiklik Kirjastus, 1960. 330. [In Estonian]

ANDEREG, G. F., S. R. BARBANEL', and I. K. KACHURIN. [Equipment of wide-screen motion-picture theaters] Tekhnika shirokoekrannykh kinoteatrov. Moskva, Gos. izd-vo "Iskusstvo," 1961. 163 p. (Biblioteka kinomekhanika)

ANDREEV, V. A. [Heat exchangers for viscous liquids; principles of calculation and design] Teploobmennye apparaty dlia viazkikh zhidkostei, osnovy rascheta i proektirovaniia. Moskva, Gos energ. izd-vo, 1961. 172 p.

ARKHANGEL'SKII, IU. A. [Training in labor safety] Obuchenie bezopasnym priemam truda Moskva, Nauchno-tekhn izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961 46 p (Tekhnika bezopasnosti na avtotransporte)

ARKHANGEL'SKII, N. A., ed. [Manual for laboratory and practical exercises on the study of commercial products] Rukovodstvo k laboratornym i prakticheskim zaniatiiam po tovarovedeniiu promyshlennykh tovarov. Moskva, Gos. izd-vo torg. lit-ry.
Pt. 1. [Plastics, commercial chemicals, silicate products, building materials, hardware, electric goods, household appliances, general consumers and sports goods] Plasticheskie massy, khimiko-moskatel'nye, silikatnye tovary, stroitel'nye materialy, metallicheskie tovary, elektrotovary, domashnie mashiny, tovary kul'turnogo i sportivnogo naznacheniia. 1961. 366 p.

ARKHANGEL'SKII, N. P., S. L. MADORSKII, and A. M. SHAPIRO. [Electric engineering and the electric equipment of locks] Elektrotekhnika i elektrooborudovanie shliuzov. Moskva, Izd-vo "Rechnoi transport," 1961. 251 p.

ARUTIUNOV, N. B., and A. A. RIASNOI. [Ferrous metallurgy in Canada] Chernaia metallurgiia Kanady. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 170 p.

ARYKIN, I. G., M. P. LEBEDEV, and V. E. IUZVUK. [Organization and carrying out of irrigation and construction work on rivers used for lumber floating] Organizatsiia i proizvodstvo meliorativno-stroitel'nykh rabot na splavnykh putiakh. Moskva, Goslesbumizdat, 1961. 95 p.

ASTASHENKOV, P. T. [Use of electricity in airplanes and rockets] Elektrichestvo na samolete i rakete. Pod red. V. S. Kulebakina. Moskva, Voen izd-vo M-va obor. SSSR, 1961 140 p

AZAROV, A. S. [Mechanization and automation of machining processes on lathes] Mekhanizatsiia i avtomatizatsiia obrabotki detalei na tokarnykh stankakh. Moskva, Gos nauchno-tekhn. izd-vo mashinostroit lit-ry, 1961 223 p.

BAIKOV, V. T. [Structural mechanics for airplanes] Stroitel'naia mekhanika samoleta. Moskva, MAI.
Pt. 1 [Statically determinate rod systems] Staticheski opredelimye sterzhnevye sistemy. 1960. 228 p

BARON, L. I., and others. [Effect of the shape of the blasting charge on the results of the explosion] Vliianie formy zariada vybrosa na rezul'tat vzryva. Moskva, TSentr. in-t tekhn. informatsii ugol'noi promyshl., 1959. 15 p. [MICROFILM]

BARON, L. I., and V. I. TIKHOMIROVA. [Statistical analysis of indices of large-scale blasts of vertical borehole charges in open-pit mines] Opyt statisticheskogo analiza pokazatelei massovykh vzryvov vertikal'nykh skvazhinnykh zariadov v kar'erakh. Moskva, M-vo stroit. RSFSR, 1959. 33 p. [MICROFILM]

BARSEGIAN, V. A., and M. B. BEL'KIND. [Machinery for digging foundation holes for overhead contact system poles] Mashiny dlia razrabotki kotlovanov pod opory kontaktnoi seti. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 87 p. (Bibliotechka stroitelia-mekhanizatora)

BERG, O. IA. [Physical bases of the theory of the strength of concrete and reinforced concrete] Fizicheskie osnovy teorii prochnosti betona i zhelezobetona. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialm, 1961. 96 p.

BESPIATYI, F. S., and I. F. TROITSKII. [Theory and design of and calculations for tractors] Teoriia, konstruktsiia i raschet traktorov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 479 p.

BIKCHENTAI, R.N., G.S. LOPOIAN, and B.P. PORSHAKOV. [Use of gas turbine systems in industry] Primenenie gazoturbinnykh ustanovok v promyshlennosti. Moskva, Gosinti, 1959. 147 p.
[MICROFILM]

BIRULIA, A.K. [Road design] Proektirovanie avtomobil'nykh dorog. Izd. 4., perer. i dop. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR.
Pt. I. 1961 498 p.

BLANK, A.F., and F.A GORELENKOVA. [Pattern-making, sewing and designing of women's clothing] Raskroi, poshiv i modelirovanie zhenskogo plat'ia. Izd. 4., dop. i perer. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1961 421 p.

BOBRINSKII, IU.N., and L.K. ERSHOV. [Resistance welding of metals, from work practices of the Likhachev Automobile Plant] Kontaktnaia svarka metallov; iz opyta raboty avtozavoda im. Likhacheva. Moskva, TSentr. biuro tekhn informatsii, 1959. 51 p. (Opyt rabochikh-novatorov proizvodstva)
[MICROFILM]

BODIAGIN, M.N. [Mine ventilation] Provetrivanie shakht. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 230 p.

BOGOLIUBOV, S.K. [Exercises in the design of machine parts] Zadaniia po detalirovaniiu. Moskva, Mashgiz, 1961. 62 p.

BOLOBAN, N.A. [Safety handbook for construction hoist operators] Pamiatka po tekhnike bezopasnosti dlia mashinista stroitel'nykh pod"emnikov. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 16 p.

BOL'SHEV, E.N. [Assembly of completely precast apartment houses directly from vehicles] Montazh polnosbornykh zhilykh zdanii s transportnykh sredstv. Leningrad, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 103 p.

BONDARENKO, A.I. [Technical and economic indices of the service life of highways in Ukraine] Tekhniko-ekonomicheskie pokazateli sluzhby avtomobil'nykh dorog Ukrainy Moskva, Nauchno-tekhn izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961 92 p. (Obmen tekhnicheskim opytom dorozhnykh khoziaistv)

BORISENKO, A.I. [Protection of niobium from high temperature gas corrosion] Zashchita niobiia ot vysokotemperaturnoi gazovoi korrozii. Otvet. red. A.A. Appen. Moskva, Izd-vo Akad nauk SSSR, 1961. 39 p.

BOT, K.A. [Handbook for the roofer] Pamiatka krovel'shchika. Pod obshchei red. V.I. Makarova. [Leningrad] Lenizdat, 1961. 58 p. (V pomoshch' stroiteliu)

BOVIN, G.M. [Lateral displacement of the roller band of conveying machinery] Poperechnoe smeshchenie rolikovogo poloina transportiruiushchikh mashin. Moskva, Otdel nauchno-tekhn. informatsii, 1959 97 p.
[MICROFILM]

BROVMAN, IA.V. [Planning, designing and manufacturing headframes] Nadshakhtnye kopry; proektirovanie, rashchet i konstruktsiia. [Moskva] Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 238 p.

BULDEI, V.R., and V.E. SHAMANSKII. [Calculating drawdown with the help of electric models] Raschet vodoponizhenila pri pomoshchi elektricheskikh modelei. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1961. 95 p.

[CONCISE MANUAL FOR RURAL ELECTRICIANS] Kratkii spravochnik sel'skogo elektrifikatora. Sost K.P. Chernozubov Leningrad, Izd-vo sel'khoz lit-ry i khurnalov i plakatov, 1961 430 p.

DAVLETSHIN, KH.G. [Theory of deep piston pumps and the practice of using them in petroleum production, author's abstract of the dissertation presented in candidacy for the degree of Doctor of Technical Sciences] Voprosy teorii glubinnykh porshnevykh nasosov i praktiki ekspluatatsii ikh v neftedobyvaiushchei promyshlennosti; avtoreferat dissertatsii, predstavlennoi na soiskanie uchenoi stepeni doktora tekhnicheskikh nauk Moskva, Mosk. in-t neftekhimicheskoi i gazovoi promysht., 1959 23 p.
[MICROFILM]

DAVYDOV, V.V. [Technical computations in shipbuilding] Tekhnicheskie vychisleniia v korablestroenii Moskva, Izd-vo "Rechnoi transport," 1961. 246 p

DEMKIN, N.B. [Actual contact area of hard surfaces] Fakticheskaia ploshchad' kasaniia tverdykh poverkhnostei Moskva, Izd-vo Akad nauk SSSR, 1962 108 p

DESNITSKII, V.P. [Making alloyed steel castings for the manufacture of heavy electric machinery] Proizvodstvo legirovannykh stal'nykh otlivok dlia energomashinostroeniia, Moskva, Gos. nauchno-tekhn. izd-vo mashinostr. lit. lit-ry, 1961. 196 p.

DIKIS, M.IA., and A.N. MAL'SKII. [Machinery and equipment for canneries] Tekhnologicheskoe oborudovanie konservnykh zavodov Izd. 3., dop i perer. Moskva, Pishchepromizdat, 1961 539 p.

DMITRIEV, A.A., and K.F. RODDATIS. [Boiler systems in the German Federal Republic] Kotel'nye ustanovki Federativnoi Respubliki Germanii. Pod red K.F. Roddatisa. Moskva, Gos. energ izd-vo, 1961. 351 p.

DOBRIANSKII, A.F. [Petroleum chemistry] Khimiia nefti. Leningrad, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 223 p.

DOBROLIUBOV, A.I. [Improving the performance of hydraulic electric control devices of machine tools, detection and elimination of defects] Metody povysheniia ekspluatatsionnykh kachestv gidroelektroavtomatiki stankov, nakhozhdenie i ustranenie neispravnostei. Minsk, Gos izd-vo BSSR, Red. nauchno-tekhn. lit-ry, 1961. 168 p.

DOMBROVSKII, N.G. [Mechanization and automation of building operations] Mekhanizatsiia i avtomatizatsiia stroitel'nykh rabot. Moskva, Izd-vo "Znanie," 1961. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii Ser 4, Tekhnika, no. 18)

DOROKHOV, P.K., and G.L. DIKKER. [Technology of tobacco and production control] Tekhnologiia tabaka i tekhnokhimicheskii kontrol', Moskva, Pishchepromizdat, 1961. 350 p.

[DYNAMIC FEATURES OF SERVO DRIVES] Odinamicheskikh svoistvakh slediashchikh privodov. [n.p., 1959] 78 p.

DZIKAN, V.A. [Stove and hot-water heating] Pechnoe i vodianoe otoplenie. [Moskva] Mosk. rabochii, 1961. 130 p.

EGOROV, M.P., and I.S. KHEIFETS. [Organizing the working area of a machine-tool operator] Stanokchining ish urnini tashkil etish. Toshkent, Uzbekiston SSR davlat nashridi, 1961. 69 p. [In Uzbek]

EKEL'CHIK, M.S. [Brief handbook for the superintendent of construction operations] Kratkii spravochnik proizvoditelia stroitel'nykh rabot. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1961. 690 p.
[MICROFILM]

[ELECTRICAL EQUIPMENT] Elektricheskie apparaty. Izd. ofitsial'noe. Moskva, Gos. izd-vo standartov, 1961. 205 p. (Gosudarstvennye standarty SSSR)

[ELECTRICIAN'S HANDBOOK] Spravochnik elektromontera. Pod red. A.D. Smirnova i P.F. Solov'eva. Moskva, Gos. energ. izd-vo.
No. 3. Kuznetsov, P.V. [Installation of distribution devices with voltages up to 35 kv.] Montazh raspredelitel'nykh ustroistv napriazheniem do 35 kv. 1957. 272 p.

ESIPOV, P.P. [Studying the shaping of the teeth of circular saws for transverse sawing of pine lumber] Issledovanie profilirovki zub'ev kruglykh pil dlia poperechnogo pileniia sosnovoi drevesiny. [Arkhangel'sk] Arkhangel'skoe knizhnoe izd-vo, 1961. 78 p.

EVSTIUGOV, A.I. [Advice for rural carpenters] Sovety sel'skomu plotniku. [Moskva] Mosk. rabochii, 1961 123 p

FEDOROV, A.A. [Collection of problems for courses on the design of industrial electric power distribution systems] Sbornik zadanii na kursovoe proektirovanie po elektrosnabzheniiu promyshlennykh predpriiatii Moskva, M-vo vysshego i srednego spetsial'nogo obrazovaniia RSFSR, 1959. 101 p.
[MICROFILM]

FEDOROV, S.A. [Sinking and deepening of vertical shafts by the standard method] Prokhodka i uglubka vertikal'nykh stvolov shakht (obychnym sposobom). 2. izd. perer. i dop. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961 471 p.

[FERROUS METAL STANDARDS, rolled and guaged steel products] Sortament chernykh metallov; prokat i kalibrovannaia stal'. Izdanie ofitsial'noe. Moskva, Gos. izd-vo standartov, 1961. 502 p. (Gosudarstvennye standarty SSSR)

FILATOV, L.S. [Operating tractors and motor vehicles in winter] Ekspluatatsiia traktorov i avtomobilei v zimnikh usloviiakh. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 151 p

[FINISHING AND FACING MATERIALS] Materialy otdelochnye i oblitsovochnye. Izd ofitsial'noe. Moskva, Gos. izd-vo standartov, 1961 203 p (Gosudarstvennye standarty SSSR)

FOMICHEV, B.I. [Heating systems with water distribution through large conduits] Sistemy otopleniia s kollektornym raspredeleniem vody. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1961. 77 p.

FRADKIN, G.M., and E.E. KULISH. [Sources of α, β, γ, and neutron radiation for the automation and control of industrial processes] Istochniki $\alpha, \beta-, \gamma-$ i neitronnykh izluchenii dlia kontrolia i avtomatizatsii tekhnologicheskikh protsessov. Moskva, Gos. izd-vo lit-ry v oblasti atomnoi nauki i tekhniki, 1961. 96 p.

FRIDLENDER, G.O., and M.S. KOZLOV. [Aeronautical gyroscopic instruments] Aviatsionnye giroskopicheskie pribory. Pod red. V.A. Bodnera. Moskva, Gos. nauchno-tekhn. izd-vo Oborongiz, 1961. 300 p.

FRIDLIANDER, I.N., V.I. DOBATKIN, and E.D. ZAKHAROV, eds. [Malleable aluminum alloys] Deformiruemye aliuminievye splavy, sbornik statei. Moskva, Gos. nauchno-tekhn. izd-vo Oborongiz, 1961. 234 p.

FRUMIN, I.I., and others, comps. [Principles of the technology of mechanized hard facing] Osnovy tekhnologii mekhanizirovannoi naplavki. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1961. 303 p.

GAIDAEV, P.A. [Adjustment of triangulation] Uravnivanie triangulatsii. Moskva, Izd-vo geodez. lit-ry, 1960 259 p.

GAN'SHIN, V.N., and L.S. KHRENOV. [Tables for plotting circular curves] Tablitsy dlia razbivki krugovykh krivykh. Izd. 2., dop. Moskva, Goslesbumizdat, 1961. 303 p.

GAN'SHIN, V.N., and L.S. KHRENOV. [Tachymetric tables for calculating heights and ground distances using a circular tachymeter and alidade] Takheometricheskie tablitsy dlia vychisleniia prevyshenii i gorizontal'nykh proiozhenii pri rabote s krugovym takheometrom i kipregelom. Izd. 3., dop. Moskva, Goslesbumizdat, 1961. 251 p.

[GAUGES] Kalibry. Izd. ofitsial'noe. Moskva, Gos. izd-vo standartov, 1961. 163 p. (SSSR Gosudarstvennye standarty)

GENIEV, G.A. [Characteristic lines and lines of minor ruptures in the plane dynamic problem of plasticity] Kharakteristicheskie linii i linii slabykh razryvov v ploskoi dinamicheskoi zadache plastichnosti. Moskva, TSentr. nauchno-issl. in-t stroit. konstruktsii, 1956. 8 p.
[MICROFILM]

GIMEIN, S.M. [You should know safety regulations] Znat' tekhniku bezopasnosti! [Moskva] Mosk. rabochii, 1961. 28 p. (Sovety molodomu mekhanizatoru)

GINZBURG, D.B., and others. [Furnaces and drying apparatus for the silicate industry] Pechi i sushila silikatnoi promyshlennosti. Pod red. P.P. Budnikova. Moskva, Gos. izd-vo lit-ry po stroit. materialam, 1940. 483 p.

GOFMAN, G.B. Vladimir Il'iushin. Moskva, Voen. izd-vo M-va oborony SSSR, 1961. 42 p.

GOLOVKIN, R. V., and I. V. LUNIN. [Radiofrequency welding of straight-seam tubes] Radiochastotnaia svarka priamoshovnykh trub. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 74 p.

GONCHAROV, N. G., and G. P. EFIMOV. [Transportation of nonstandard size and heavy-weight freight] Perevozki negabaritnykh i tiazhelovesnykh gruzov. Izd. 2, perer. i dop. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 259 p.

GORDEEV, V. A., K. P. NEKRASOV, and P. V. VOLKOV. [Cotton weaving] Khlopkotkachestvo. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1961. 517 p.

GOSPODINOV, G. V. [Interpretation of aerial photographs] Deshifrirovanie aerosnimkov. [Moskva] Izd-vo Mosk. univ., 1961. 184 p.

GOSUDARSTVENNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT STEKLA. [Manual on the construction and repair of tank and pot glass furnaces] Rukovodstvo po stroitel'stvu i remontam steklovarennykh, vannykh i gorshkovykh pechei. Pod red. A. A. Golubeva. Moskva, Izd. PKB GIStekla, 1960. 77 p.
[MICROFILM]

GRILIKHES, S. IA. [Preparation of machine part surfaces for electroplating] Podgotovka poverkhnosti detalei pered gal'vanicheskim pokrytiem. Pod red. P. M. Vinogradovoi. Izd. 2., dop. i perer. Moskva, Mashgiz, 1961. 78 p. (Bibliotechka gal'vanotekhnika, no. 1)

GRITSEVSKII, B. P. [Public and industrial buildings] Grazhdanskie i promyshlennye zdaniia. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1961. 433 p.

[GUIDE TO FOOD PRODUCTS, milk, fat, eggs, meat, and fish goods] Tovarovedenie prodovol'stvennykh tovarov, tovary molochnye zhirovye, iaichnye miasnye, rybnye. [By] G. S. Inikhov i dr. Izd. 2., perer. Moskva, Gostorgizdat, 1961. 303 p.

GUSEV, O. V. [Ice crossings] Perepravy po l'du. Leningrad, Gidrometeor. izd-vo, 1961. 16 p.

HOLLMANN, R., ed. [General electric engineering] Uldine elektrotehnika. [By] H. Esop i dr. Tallinn, Eesti Riiklik Kirjastus, 1954. 948 p.

HORBATSEVICH, A. F., and V. P. KUZNETSOV. [Automatic lines for manufacturing gear wheels] Avtomaticheskie linii dlia proizvodstva zubchatykh koles. Minsk, Izd-vo Akad. nauk BSSR, 1961. 132 p.

IAGODIN, V. P. [Radio teletype engineering] Tekhnika bukvopechataiushchei radiosviazi. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 149 p. (Tekhnika sviazi)

IASHCHERITSYN, P. I. [Increasing the durability of ground parts, practice of the bearing industry] Povyshenie dolgovechnosti shlifovannykh detalei, iz opyta podshipnikovoi promyshlennosti. Minsk, Gos. izd-vo BSSR, Red. proizvodstvennoi lit-ry, 1961. 109 p.

IGREVSKII, V. I. [Organization of drilling; from the practice of the Al'met'yevsk Petroleum Industry Drilling Trust, a progressive trust of the Tatar A.S.S.R.] Praktika organizatsii burovykh rabot; iz opyta raboty peredovogo tresta Tatarii - Al'met'yevburneft'. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 72 p. (Obmen peredovym tekhnicheskim opytom)

IL'IN, B. A. [Utilization of wood waste and low-grade wood in foreign countries] Ispol'zovanie drevesnykh otkhodov i nizkotovarnoi drevesiny za rubezhom. Moskva, Goslesbumizdat, 1961. 136 p.

ILIUKOVICH, B. M. [Rolling T-sections in open grooves] Prokatka tavrovykh profilei v otkrytykh kalibrakh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 68 p.

ITENBERG, S. S. [Field geophysics] Promyslovaia geofizika. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 388 p.

IUFA, E. P. [Cutting tool department of machinery plant] Instrumental'noe khoziaistvo mashinostroitel'nogo zavoda. Moskva, Gos. nauchno-tekhnicheskoe izd-vo mashinostroit. lit-ry, 1961. 117 p. (Bibliotechka po zavodskoi ekonomike)

IUR'EV, B. N. [Selected works] Izbrannye trudy. Moskva, Izd-vo Akad. nauk SSSR.
Vol. 1. [Propellers. Helicopters] Vozdushnye vinty. Vertolety. 1961. 551 p.

IVANOV, N. I., and A. E. SHTEDING. [Reorganization of coal mines] Rekonstruktsiia ugol'nykh shakht. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu.
Pt. 1. [Practices of foreign countries in the reorganization of coal mines] Zarubezhnyi opyt rekonstruktsii shakht. 1961. 222 p.

JOTAUTAS, K. [New techniques in the building materials industry of the Lithuanian S.S.R.] Naujoji technika Lietuvos TSR statyviniu medziagu pramonejo. Vilnius, Centrinis techninės informacijos ir propagandos biuras, 1960. 126 p. [In Lithuanian]

KACHANOVA, E. B., and A. S. KUDRIAVTSEV. [Cement-production techniques in the United States] Tekhnologiia proizvodstva tsementa v SShA. Leningrad, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 99 p.

KAGANOV, I. L. [Industrial electronics, a general course] Promyshlennaia elektronika, obshchii kurs. Moskva, Gos. energ. izd-vo, 1961. 568 p.

KALNINS, GINTA, and ANNA KRAUZE. [Do your own sewing] Sheito sami. Riga, Latvijskoe gos. izd-vo, 1961. 431 p.

KALUGIN, A. N. [Development of technological processes] Tekhniki progres ugrunda. Ashgabat, Turkmenistan, dovlet nashriiaty, 1960. 64 p. [In Turkmen]

KANTOROVICH, B. V., and N. K. KUZNETSOV. [Hydraulics, water supply, and hydraulic power plants] Gidravlika, vodosnabzhenie i gidrosilovye ustanovki. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 550 p.

KARASEV, V. IA., and A. SH. SHIFRIN. [End and cylindrical cutters with a regular circular pitch of the teeth] Kontsevye i tsilindricheskie frezy s neravnomernym okruzhnym shagom zub'ev. Moskva, TSentr. biuro tekhn. informatsii, 1959. 63 p. (Dostizheniia nauki i tekhniki)
[MICROFILM]

KARAVAEV, I. I., and N. F. REZNIK. [Flotation purification of sewage water from washing and steaming stations] Flotatsionnaia ochistka stochnykh vod promyvochno-proparochnykh stantsii i depo. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 19 p.

KARTOSHKIN, M. D. [Fuel systems of thermal electric power plants] Toplivopodacha toplovykh elektrostantsii. Moskva, Gos. energ. izd-vo, 1961. 207 p.

KARVATSKII, S. B., and others. [New systems of coded interlocking] Novye sistemy kodovoi tsentralizatsii. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 30 p.

KATRENKO, D. A., and A. A. SMIRNIAGINA. [Science outstrips fancy] Nauka, obgoniaiushchaia mechtu. [Moskva] Izd-vo VTsSPS Profizdat, 1961. 204 p. (Massovaia biblioteka rabochego)

KATSMAN, M. M. [Electrical machinery and transformers] Elektricheskie mashiny i transformatory. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 370 p.

KAZANSKII, G. A., ed. [Maintenance and repair of all-metal passenger cars] Ustroistvo i remont tsel'nometallicheskikh passazhirskikh vagonov. Moskva, Gos. transp. zhel.-dor. izd-vo, 1953. 374 p.

KERSHENBAUM, IA. M., and M. IA. IUDOLOVICH. [Repair and assembly of oil-field equipment] Remont i montazh neftepromyslovogo oborudovaniia. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1962. 395 p.

KHAIDAROV, A. A., and B. K. KHAITOV. [Radioactive isotopes in geology and nonferrous metallurgy] Geologiia va rangli metallurgiiada radioaktiv izotoplar. Toshkent, Uzbekiston SSR davlat nashriieti, 1961. 113 p. [In Uzbek]

KHARAS, Z. B. [Rigging operations in installing equipment at petroleum refineries] Takelazhnye raboty pri montazhe oborudovaniia neftepererabatyvaiushchikh zavodov. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 258 p.

KHARKOV. IUZHNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT PROMYSHLENNOGO STROITEL'STVA. [Construction cranes] Stroitel'nye krany; spravochnoe posobie. Pod red. E. I. Koniushevskogo. [Khar'kov] Khar'kovskoe knizhnoe izd-vo, 1961. 409 p.

KHIGEROVICH, M. I. [Plastic building materials and articles] Stroitel'nye materialy i izdeliia iz plasmass. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1961. 119 p. (Novaia tekhnika i peredovye metody truda)

KHIMKI. TSENTRAL'NYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT MEKHANIZATSII I ENERGETIKI LESNOI PROMYSHLENNOSTI. [Album of working drawings of basic parts and units of the ZIL-157 automobile] Al'bom rabochikh chertezhei osnovnykh detalei i uzlov avtomobilia ZIL-157. Moskva, Goslesbumizdat.
Pt. 1. Dvigatel' ZIL-157. 1961. 118 p.

KHRULEV, V. M. [Strength and durability of glued joints in structural elements] Prochnost' i dolgovechnost' kleevykh soedinenii v stroitel'nykh konstruktsiiakh i detaliakh. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 118 p. (Nauchnye soobshcheniia)

KIRRET, O. [Chemical textile fibers] Keemilised tekstiilkiudained. Tallinn, Eesti Riiklik Kirjastus, 1961. 220 p. [In Estonian]

KISSIN, D. A., and K. A. BOVKUN. [Ways of increasing the output of sintering furnaces; practices of the "Zaporozhstan'" Plant] Puti uvelicheniia proizvoditel'nosti aglomeratsionnykh mashin; opyt zavoda "Zaporozhstal'," Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 83 p.

KITAEV, E. N. [The best cements for the manufacture of asbestos-cement materials] Optimal'nye tsementy dlia proizvodstva asbestotsementnykh materialov. Moskva, Otdel nauchno-tekhn. informatsii, 1959. 71 p.
[MICROFILM]

KITAEV, E. N. [Best conditions for manufacturing asbestos-cement materials from sand cement using pressure autoclaving] Optimal'nye usloviia proizvodstva asbesto-tsementnykh materialov iz peschanistogo tsementa s primeneniem avtoklavnoi obrabotki pod davleniem. Moskva, Otdel nauchno-tekhn. informatsii, 1960. 47 p.
[MICROFILM]

KITAEV, E. N., and R. E. GONCHARSKAIA. [Asbestos cement materials obtained from sand cements by autoclave treatment, and their chemical resistance to corrosive solutions] Khimicheskaia stoikost' v agressivnykh rastvorakh asbestotsementnykh materialov, poluchaemykh iz peschanistykh tsementov s primeneniem avtoklavnoi obrabotki. Moskva, Otdel nauchno-tekhn. informatsii, 1960. 24 p.
[MICROFILM]

KLUSHIN, M. I., ed. [Lubricating and cooling fluids and their use in cutting metals] Smazochno-okhlazhdaiushchie zhidkosti pri rezanii metallov i tekhnika ikh primeneniia. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 201 p.

KOCHETKOV, G. P., comp. [People with keen thoughts] Liudi pytlivoi mysli. [Moskva, Izd-vo "Sovetskaia Rossiia," 1961] 244 p.

KOGAN, G. E., comp. [Manual arc welding of metals] Ruchnaia dugovaia svarka metallov. Moskva, Vses. uchebno-pedagog. izd-vo Profizdat, 1961. 383 p.

KOGAN, P. KH. [Electrochemical methods for processing the aluminum parts of passenger cars; practices of the car barn of the Kiev Station of the Southwest Railroad] Elektrokhimicheskie sposoby obrabotki alliuminievykh detalei passazhirskikh vagonov, opyt vagonnogo depo stantsii Kiev IUgo-Zapadnoi dorogi. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 44 p.

KOLODEI, A. P. [Major repair of an apartment house] Kapital'nyi remont zhilogo doma. [Moskva] Mosk. rabochii, 1961. 67 p.

KONFERENTSIIA PO FIZIKO-KHIMICHESKIM OSNOVAM PROIZVODSTVA STALI. 5th Moscow, 1959. [Ingots and the properties of steel] Slitok i svoistva stali, trudy. Moskva, Izd-vo Akad. nauk SSSR, 1961. 477 p.

KOP'EV, S. I., and E. M. FILIPPOV. [Volunteer institute of inventors and builders] Obshchestvennyi institut novatorov-stroitelei. [Moskva] Izd-vo VTsSPS, Profizdat, 1961. 52 p.

KORNILOV, I. I. [Physicochemical principles of heat resistance in alloys] Fiziko-khimicheskie osnovy zharoprochnosti splavov. Moskva, Izd-vo Akad. nauk SSSR, 1961. 515 p.

KOROBKINA, G. S. [Canned food and food concentrates for infants and the sick] Konservy kontsentraty v detskom i dieticheskom pitanii Moskva, Gos. izd-vo torg. lit-ry, 1961 79 p.

KOVEL'MAN, I. A. [Special building materials; a short handbook] Spetsial'nye stroitel'nye materialy, kratkii spravochnik. Moskva, Gos izd-vo lit-ry po stroit., i arkhit., 1952 250 p.

KOZEL, M. M. [Allowances and fits in the manufacture of machinery and in woodworking] Dopuski i posadki v mashinostroenii i derevoobrabotke Minsk, Izd-vo M-va vysshego, srednego spetsial'nogo i professional'nogo obrazovanila BSSR, 1961 92 p

KOŽEŠNIK, JAROSLAV [Dynamics of machinery, selected works Translated from the Czech] Dinamika mashin, izbrannye stat'i Moskva, Gos nauchno-tekhn izd-vo mashinostroit lit-ry, 1961 423 p

KOZHEVNIKOV, S. N. [Dynamics of machinery with flexible members] Dinamika mashin s upругimi zven'iami Kiev, Izd-vo Akad nauk USSR, 1961 159 p

KOZLOVSKII, M. T., and V. V. PETROV. [Fuel equipment of IaAZ-204 and IaAZ-206 diesel engines; design, maintenance and repair] Toplivnaia apparatura dizel'nykh dvigatelei IaAZ-204 i IaAZ-206; konstruktsiia, obsluzhivanie i remont. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961. 214 p.

KRAKOVSKII, I. I. [Auxiliary marine engines] Sudovye vspomogatel'nye mekhanizmy Moskva, Izd-vo "Rechnoi transport"
Pt. 2. [Marine pumps] Sudovye nasosy. 1961. 174 p.

KRAVTSOV, A. F., and B. G. ALEKSEEV. [Control and automation of metallurgical processes, practical laboratory course] Kontrol' i avtomatizatsiia metallurgicheskikh protsessov; laboratornyi praktikum Kiev, Gos. izd-vo tekhn. lit-ry USSR.
Pt. 2. [Automatic control] Avtomaticheskoe regulirovanie. 1961. 235 p.

KREMENCHUTSKII, N. F. [Ventilation of coal mines] Proveti vanie ugol'nykh shakht. Moskva, Gos. nauchno-tekhn izd-vo lit-ry po gornomu delu, 1961. 239 p.

KRIVENTSOV, V. I. [Cotton is an important chemical raw material] Govacha mökhüm khimiki chig maldyr. Ashgabat, 1960. 27 p. [In Turkmen]

KRONGAUZ, S. D. [Heat treatment and heat supply at precast reinforced-concrete plants] Teplovaia obrabotka i teplosnabzhenie na zavodakh sbornogo zhelezobetona, teoreticheskie osnovy i praktika. Moskva, Gos izd-vo lit-ry po stroit arkhit. i stroit materialam, 1961. 270 p.

KRUPITSKII, E. I. [Handbook for machine-shop mechanics] Posobie po slesarnomu delu. Minsk, Izd-vo M-va vysshego, srednogo spetsial'nogo i professional'nogo obrazovanila BSSR, 1961. 235 p.

KUCHER, I. M. [Numerically controlled machine tools] Stanki s tsifrovym programmnym upravleniem. [Leningrad] Lenizdat, 1961. 159 p.

'O, and E. M. KALI-
lhe odor and taste
enila zapakha i
-vo M-va kommun.

iutomaatreguleerimine]
, 1960. 279 p. [In

OVSKII. [Industrial
ig] Gigiena truda
Moskva, Medgiz,
ala meditsinskaia

ANSKII. [Fundamentals
ssiles] Osnovy proekti-
snariadov. Moskva,
ongiz, 1961. 293 p.

ngs for districts of the
ii dlia raionov Krainego
lit-ry po stroit.,
I., 194 p.

iples of the production
l as a source of power,
kie osnovy i protsess
lanogo topliva dlia
tovanila. Pod red.
, energ. izd-vo, 1961.

KUZIN, A. A. [History of the discovery of ore deposits in Russia up to the middle of the 19th century] Istoriia otkrytii rudnykh mestorozhdenii v Rossii do serediny XIX v. Moskva, Izd-vo Akad nauk SSSR, 1961 359 p

KUZNETSOV, IU I. [Machine-tool attachments with high speed manual clamps] Stanochnye pri sposobleniia s bystrodeistvuiushchimi ruchnymi zazhimami. Moskva, Mashgiz, 1961 47 p

KVITKO, T. O. [Follow them] Za nimi idite. [Moskva] Mosk. rabochii, 1961. 58 p.

LARIN, B. N. [Saving of metal in the machinery industry] Mashinasozlikda metallni tezhash. Tashkent, Uzbekiston SSR davlat nashrieti, 1961. 10 p. [In Uzbek]

[LEADING BULLDOZER OPERATOR] Ilgor bul'dozerchi, 5-kurslish-montazh kontorasining bul'dozerchisi Ivan Kostinning ish tazhribasi. Toshkent, Uzbekiston SSR davlet nashrieti, 1961. 8 p. [In Uzbek]

LENINGRAD. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT TORFIANOI PROMYSHLENNOSTI. [Temporary instructions for the operation of the KPSh-2 machine for cleaning peat block drainage ditches] Vremennaia instruktsiia po ekspluatatsii mashiny KPSh-2 po prochistke kamyshovykh kanav Moskva, Gos. energ izd-vo, 1959. 20 p.

LERNER, A. IA. [Principles of the construction of high-speed servomechanisms and controllers] Printsipy postroeniia bystrodeistvuiushchikh sledi shchikh sistem i regulatorov. Moskva, Gos. energ. izd-vo, 1961. 151 p. (Biblioteka po avtomatike, no. 25)
[MICROFILM]

LIDIN, G. D., and others. [Controlling accumulations of methane in coal mines] Bor'ba so skoplenilami metana v ugol'nykh shakhtakh Moskva, Gos nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961 140 p

LINDENAU, N. I. [Basic technological trends in the expansion of the Kuznetsk Coal Basin during the years from 1959 to 1965] Osnovnye tekhnicheskie napravleniia razvitiia Kuznetskogo ugol'nogo basseina v 1959-1965 godakh Moskva, M-va vysshego i srednego spetsial'nogo obrazovanila RSFSR, 1959 54 p.
[MICROFILM]

LIUSHIN, S. F., V. A. RASSKAZOV, and L. K. SHARIN. [Use of the UINII-3 spring wall scraper] Primenenie avtomaticheskogo letaiushchego skrebka UINII-3. Ufa, Bashkirskoe knizhnoe izdatel'stvo, 1958 47 p. (V pomoshch' neftianiku)

LOVYGIN, N. I. [Problems of using the loess soil in Minsk District as foundations under the footings of buildings and structures] Voprosy ispol'zovaniia lessovidnykh gruntov raiona Minska v kachestve osnovanii fundamentov zdanii i sooruzhenii. Minsk, Redaktsionno-izdatel'skii otdel Belorusskogo politekhn in-ta im I. V. Stalina, 1960. 58 p.

MAKAROV, V. I. [Handbook for the plasterer] Pamiatka shtukatura [Leningrad] Lenizdat, 1961 61 p. (V pomoshch' stroiteliu)

MAKSIMOV, G. A. [Designing air-conditioning processes] Proektirovanie protsessov konditsionirovaniia vozdukha. Moskva, Gos izd-vo "Vysshaia shkola," 1961 96 p

MAKUNI, M. A. [Field laboratory tests of soils and road building materials] Polevye laboratornye ispytaniia gruntov i dorozhno-stroitel'nykh materialov. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961. 95 p.

MALYI, D. D. [Means for checking dimensions in the manufacture of machinery] Sredstva kontrolia razmerov v mashinostroenii Moskva, TSentr. biuro tekhn. informatsii, 1959. 58 p (Dostizhenila nauki i tekhniki)
[MICROFILM]

[MANUAL FOR WORKERS IN THE POSTAL, TELEGRAPH, AND TELEPHONE COMMUNICATIONS SERVICES] Operator pochtovo-telegrafno-telefonnoi sviazi. [By] B. S. Belikov i dr. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1961, 215 p. (Posobiia dlia sviazistov massovykh professii)

MARAKUSHEV, E. A., E. A. DOLIN, and A. I. OBLEZOV. [Class 86 sewing machine for hemming light fabrics developed by the Podol'sk Machinery Plant] Shveinaia mashina 86 klassa PMZ dliz podshivki tonkikh tkanei. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1961. 54 p. (Novoe otechestvennoe oborudovanie)

MARCHEVSKII, M. I. [Construction exhibition of the Latvian S. S. R.] Stroitel'naia vystavka Latvilskoi SSR. Riga, TSentr. biuro tekhn. informatsii, 1960. 9 p. illus. (Informatsionno-tekhnicheskii listok)

MAR'IASINA, I. E. [Stress losses in the reinforcement of curved prestressed-concrete elements] Poteri napriazhenila v armature izgibaemykh predvaritel'no napriazhennykh zhelezobetonnykh elementov Moskva, Otdel tekhn informatsii, 1958 54 p.
[MICROFILM]

MASLOV, A. V. [Instructions for plane-table and theodolite surveys at a scale of 1 10,000] Nastavlenie po proizvodstvu menzul'nykh i teodolitnykh s"emok v masshtabe 1 10 000 [3., isp., izd] Moskva, Izd-vo geodez lit-ry, 1961 327 p

MATVEEV, G. A. [Power equipment of atomic electric power plants; steam generators and flame steam superheaters] Energooborudovanie atomnykh elektrostantsii, parogeneratory i ognevye parogrevateli. Pod red. I. I. Novikova, Moskva, Gos. izd-vo lit-ry v oblasti atomnoi nauki i tekhniki, 1961. 197 p. (Osnovy iadernoi energetiki)

MEDVEDEV, P. E. [Discussions about important scientific discoveries] Besedy o vazhnelshikh nauchnykh otkrytiiakh Minsk, Gos izd-vo BSSR. Red. nauchno-tekhn. lit-ry, 1961 182 p.

MELAMED, L. G. [Technology of the manufacture of the basic assemblies of frame furniture] Tekhnologiia izgotovlenila osnovnykh uzlov korpusnoi mebeli. Moskva, Goslesbumizdat, 1961. 41 p.

[METHODS FOR DETERMINING THE TECHNICAL CONDITION OF THE CYLINDER-PISTON UNIT OF MOTOR-VEHICLE CARBURETOR ENGINES] Metody opredeleniia tekhnicheskogo sostoianiia tsilindro-porshnevoi gruppy avtomobil'nykh karburatornykh dvigatelei. Moskva, Avtotransizdat
No. 2 Rubets, D. A., and V. I. Shestukhin [Investigating the method for determining the technical condition of the cylinder-piston unit of a motor-vehicle carburetor engine by cutting off cylinders] Issledovanie metoda opredeleniia sostoianiia tsilindro-porshnevoi gruppy avtomobil'nogo karburatornogo dvigatelia putem vykliuchenila tsilindrov iz raboty. 1961 22 p.

MGALOBLISHVILI, N. M. [New types of central kitchens for public food-serving establishments, design and planning] Novye tipy zagotovochnykh predpriiatii obshchestvennogo pitaniia, voprosy proektirovaniia. Moskva, Gos. izd-vo torg. lit-ry, 1961. 140 p.

MODZELEVSKII, A. A. [Improving technological processes for assembling fixed joints] Usovershenstvovanie tekhnologii sborki nepodvizhnykh soedinenii. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit lit-ry, 1960. 66 p (Biblioteka slesarla-sborshchika, no 6)

MOISEEV, G. I. [Centrifugal compressor stations] Kompressornye stantsii s tsentrobezhnymi nagnetateliami. Leningrad, Gos. nauchno-tekhn izd-vo neft i gorno-toplivnol lit-ry, 1961. 61 p

MOMDZHI, G. S. [How to search for titanium deposits] Kak iskat' mestorozhdenila titana. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1960. 29 p. (Bibliotechka uchastnika geologicheskogo pokhoda)

MOROZ, I. I. [Automation of the production of structural ceramics] Avtomatizatsiia proizvodstva stroitel'noi keramiki Kiev, Gos izd-vo lit-ry po stroit i arkhit USSR, 1961 207 p.

MOSCOW. EKSPERIMENTAL'NYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT METALLOREZHUSHCHIKH STANKOV. [Standard plan for the modernization of 736 and 7A36 transverse planing machines] Tipovol proekt modernizatsii poperechno-strogal'nykh stankov modelei 736 i 7A36. Moskva, Gos. izd-vo mashinostroit. lit-ry, 1961. 147 p.

MOSCOW. MOSKOVSKAIA KINOSTUDIIA "MOSFIL'M." [Catalog of light filters for motion-picture photography] Katalog svetofil'trov dlia kinos"emok. Sost. operator V. I. Popov. [Moskva] 1960. 95 p.
[MICROFILM]

MOSCOW. NAUCHNO-ISSLEDOVATEL'SKII INSTITUT AVTOMOBIL'NOGO TRANSPORTA. Leningradskii filial. [Technical charts for the maintenance of the M-21A automobile, "Volga"] Tekhnologicheskie i postovye karty tekhnicheskogo obsluzhivanila avtomobilia M-21A "Volga." Moskva, Aviotransizdat, 1961. 150 p.

MOSCOW. MOSKOVSKII GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT. Kafedra obshchei i analiticheskoi khimii. [Corrosion inhibitors for metals; investigation and use] Ingibitory korrozii metallov, issledovanie i primenenie. Moskva, Izd. MGPI im. V. I. Lenina, 1960. 304, 12 p.

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT POD"EMNO-TRANSPORTNOGO MASHINOSTROENIIA. [Collection of abstracts of research and construction works] Sbornik annotatsii nauchno-issledovatel'skikh i konstruktorskikh rabot Moskva, Otdel nauchno-tekhn. informatsii, 1959 79 p.

[MICROFILM]

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT STROITEL'NOGO I DOROZHNOGO MASHINOSTROENIIA. [Safe operation of tower cranes] Bezopasnost' raboty na bashennykh kranakh. Moskva, Gosstrotizdat, 1961. 119 p.

MOSCOW. VSESOIUZNYI PROEKTNO-KONSTRUKTORSKII I NAUCHNO-ISSLEDOVATEL'SKII INSTITUT PO OBOGASHCHENIIU I BRIKETIROVANIIU UGLEI. [Multistage countercurrent washing of the products of centrifuge coal preparation] Mnogostupenchataia protivotochnaia promyvka produktov tsentrobezhnogo obogashcheniia uglia; sbornik statei. Pod obshchei red. G. N. Kuznetsova. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1959. 45 p.

[MICROFILM]

MOSCOW. VYSTAVKA DOSTIZHENII NARODNOGO KHOZIAISTVA SSSR. Pavil'on "Elektrifikatsiia SSSR." [Display of an 800 kv. d. c. power transmission line in the Pavilion "Electrification of the U.S.S.R."] Linija elektroperedachi postoiannogo toka 800 kv. Stalingradskaia GES - Donbass. Moskva, M-vo stroit. elektrostantsii SSSR [1959] 6 p.

[MICROFILM]

MOSKOVSKII AVTOMOBIL'NYI ZAVOD. [Catalog of parts for the ZIL-164A motor truck, ZIL-MMZ-585L and ZIL-MMZ-585M dump trucks, ZIL-164AR tractor, ZIL-157K three-axle motor truck and ZIL-MMZ-164AN and ZIL-157KV saddle tractors] Katalog detalei dvukhosnogo avtomobilia ZIL-164A, avtomobilei-samosvalov ZIL-MMZ-585L i ZIL-MMZ-585M, avtomobilia-tiagacha ZIL-164AR, trekhosnogo avtomobilia ZIL-157K i sedel'nykh tiagachei ZIL-MMZ-164AN i ZIL-157KV. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 466 p.

MOTYKO, A. S., and I. D. OSTROVSKII. [Developed sheet product surfaces] Razvertki poverkhnostei listovykh izdelii. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 94 p.

MYL'NIKOV, P. V. [Safety engineering and fire prevention measures in road construction] Tekhnika bezopasnosti i protivopozharnaia tekhnika v dorozhnom stroitel'stve. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shossoinykh dorog RSFSR, 1961. 207 p.

NAUCHNO-ISSLEDOVATEL'SKII INSTITUT, SLIUDY, ASBESTOTSEMENTNYKH IZDELII I PROEKTIROVANIIA STROITEL'STVA PREDPRIIATII SLIUDINOI PROMYSHLENNOSTI [Bibliography of manuscript reports and printed works of the Scientific Research Institute for Mica, Asbestos Cement Elements, and the Designing of Construction for Enterprises of the Mica Industry] Bibliograficheskii ukazatel' rukopisnykh otchetov i pechatnykh izdanii instituta "NIIASBESTTsEMENT." Moskva, Otdel nauchno-tekhn. informatsii, 1959. 26 p.

[MICROFILM]

NAUCHNO-TEKHNICHESKAIA KONFERENTSIIA PO SHAKHTNOMU STROITEL'STVU V KUZNETSKOM BASSEINE, Stalinsk, 1959. [Materials of the Scientific and Technical Conference on Mine Construction in the Kuznetsk Basin] Materialy. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 285 p.

NAUCHNO-TEKHNICHESKOE SOVESHCHANIE PO AROCHNYM PLOTINAM, Moscow, 1959. [Materials of the Scientific Technological Conference on Arch Dams] Trudy. Pod obshchei red. A. A. Borovogo. Moskva, Gos. energ. izd-vo, 1961. 182 p.

NAUMOV, IU. I. [Mechanization and automation of labor consuming processes in the manufacture of machinery] Mashinasozlikda ish protsesslarini mekhanizatsiialash-tirish va avtomatlashtirish. Toshkent, "Kizil Üzbekiston," "Pravda Vostoka" va "Uzbekistoni Surkh" birlashgan nashriëti, 1961. 45 p. [In Uzbek]

NEFEDOV, A. F. [Selecting the efficient total weight of an automobile train] Vybor ratsional'nogo obshchego vesa avtopoezda. [Moskva] Avtotransizdat, 1961. 35 p.

NEKRASOV, A. I. [Collected works] Sobranie sochinenii. Moskva, Izd-vo Akad. nauk SSSR.
Vol. 1. 1961. 442 p.

NEPOROZHNII, P. S. [Electrification and power engineering construction] Elektrifikatsiia i energeticheskoe stroitel'stvo. Moskva, Gos. energ. izd-vo, 1961. 189 p.

NIKITIN, M. N. [Layout and calculations in fabric manufacture] Proektirovanie tkanei. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1961. 212 p.

NIKOLAEV, N. I. [Are there limits of height and speed for an airplane?] Est' li predel vysoty i skorosti poleta samoleta? Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 52 p.

NOSOV, M. V. [Calculation of the basic dimensions of a single-stage centripetal turbine, textbook] Raschet osnovnykh razmerov odnostupenchatoi tsentrostremitel'noi turbiny, uchebnoe posobie. Moskva, Gos. nauchno-tekhn. izd-vo Oborongiz, 1961. 81 p.

NOZDREV, V. F. [Course in thermodynamics] Kurs termodinamiki. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 250 p.

ORAZNYIAZOV, Y. [Toward new achievements] Täze üstünliklere tarap; Ashgabadyn TSSR-in XX iyllygy adynaaky mashyn gurlushyk zavodynyn güluzhy tsekhinin ish täzhribesi barada. Ashgabat, Turkmenistan döwlet neshirlaty, 1961. 22 p. [In Turkmen]

OSETSKII, V. M. [Some problems in the theory of parachutes and similar self-braking mechanisms] Nekotorye voprosy teorii shakhtnykh parashiutov i analogichnykh mekhanizmov, obladaiushchikh samotormozheniem. Moskva, M-vo vysshego i srednego spetsial'nogo obrazovaniia RSFSR, 1959. 69 p.

[MICROFILM]

PALENOV, I. F. [Tables of the increase of rectangular coordinates and trigonometric functions] Tablitsy prirashchenii priamougol'nykh koordinat i trigonometricheskikh funktsii. 2. izd., dop. i ispr. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961, 564 p.

PANFILOV, K. K. [Automation and remote control on railroads] Avtomatika i telemekhanika na zheleznykh dorogakh. Kiev, 1961. 46 p. (Obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii Ukrainskoi SSR. Ser. 7, no. 10)

PAVLOV, L. V. [Using a mine rectifying apparatus for compiling aerophotographic plans of relief sections] Sostavlenie fotoplanov rel'efnykh uchastkov pri pomoshchi gornogo fotovypriamitelia. Moskva, Izd-vo geodez. lit-ry, 1961. 58 p.

PAVLOVA, E. K. [Mechanical equipment for public eating establishments] Mekhanicheskoe oborudovanie predpriiatii obshchestvennogo pitaniia. Pod red. A. IA. Kirillova. Moskva, Gos. izd-vo torg. lit-ry, 1961. 238 p.

[PETROLEUM PRODUCTS, testing methods] Nefteprodukty, metody ispytanii. Izd. ofitsial'noe. Moskva, Gos. izd-vo standartov, 1961. 979 p. (Gosudarstvennye standarty SSSR)

PETRUSOV, A. I., and V. E. KOMARISTOV. [Machinery for sowing, planting, and the application of fertilizers, theory, design, and calculations] Mashiny dlia poseva, posadki i vnesenila udobrenii; teoriia, konstruktsiia i raschet. Khar'kov, Izd-vo Khar'kovskogo gos. univ. im. A. M. Gor'kogo, 1961. 225 p.

[MICROFILM]

PIDOPLICHKO, A. P. [Peat deposits of White Russia; genesis, stratigraphy, and districting] Torfianye mestorozhdeniia Belorussii, genezis, stratigrafiia i raionirovanie. Minsk, Izd-vo Akad. nauk BSSR, 1961. 190 p.

PILIKOVSKII, M. IA., and V. M. RYBAKOV. [Processing of synthetic fibers by cotton-spinning machinery] Pererabotka khimicheskikh volokon na khlopkoprialil'nom oborudovanii. Pod red. N. M. Belitsina. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1961. 166 p.

PINEGIN, S. V. [Antifriction bearings in machines] Opory kacheniia v mashinakh. Moskva, Izd-vo Akad. nauk SSSR, 1961. 148 p. (Nauchno-populiarnaia serila)

PINUS, E. R., and V. N. KHMELEVSKII. [Handbook for the builder of cement and concrete pavements] Pamiatka rabochemu na stroitel'stve tsementobetonnykh pokrytii. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transporta i shosseinykh dorog RSFSR, 1960. 39 p. (Tekhnika bezopasnosti na dorozhnykh rabotakh)

PIRUMOV, A. I. [Aerodynamic principles of inertia separation] Aerodinamicheskie osnovy inertsionnoi separatsii. Pod red. N. IA. Fabrikanta. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 123 p.

PLAKSIN, I. N., and others. [New technology for the dressing of lead-zinc ores] Novaia tekhnologila obogashcheniia svintsovo-tsinkovoi rudy. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 127 p.

POBEDIN, I. S., and V. G. DROZD. [Production of merchant shapes] Proizvodstvo sortovoi stali. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1962. 248 p.

POGORELYI, B. G. [Organization of freight car maintenance and repair in the depot, practices of the car depot of the Liublino Station of the Moscow Railroad] Organizatsiia remonta gruzovykh vagonov v depo, opyt raboty vagonnogo depo stantsii Liublino Moskovskoi dorogi. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 75 p.

POPKOV, V. I., ed. [Handbook for the clothing industry worker] Spravochnik shveinika. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR.
Vol. 1, 1960. 335 p.

POVAROV, A. I. [Hydrocyclones] Gidrotsiklony. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 265 p.

PROFSOIUZ RABOCHIKH MASHINOSTROENIIA SSSR. [Norms on electrical lighting for machinery manufacturing and shipbuilding enterprises] Normy iskusstvennogo osveshcheniia dlia predpriiatii mashinostroeniia i sudostroeniia. Utverzhdeny postanovleniem Prezidiuma TsK profsoiuza rabochikh mashinostroeniia 22 iiunia 1960 g. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 67 p.

PROKOPENKO, M. S. [Development of chemical machinery manufacture in the Ukraine] Rozvytok khimichnoho mashinobuduvannia na Ukraini. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 74 p.

[MICROFILM]

PRUSENKO, V. S. [Elements of pneumatic control for the regulation of thermal processes] Elementy pnevmoavtomatiki dlia regulirovaniia teplovykh protsessov. Moskva, Gos. energ. izd-vo, 1961. 271 p. (Biblioteka po avtomatike, no. 37)

[MICROFILM]

PYKHACHEV, G. B. [Underground hydraulics] Podzemnaia gidravlika. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 396 p.

RABKINA, V. I. [Automation and organization of control systems at high-capacity thermal electric power plants] Avtomatizatsiia i organizatsiia upravleniia na teplovykh elektrostantsiiakh bol'shoi moshchnosti. Moskva, Gos. energ. izd-vo, 1961. 176 p.

RAKHLIS, I. M., F. D. ROMANOVSKII, and V. S. TURETSKII. [Over-all mechanization of loading and unloading operations, practices of the Odessa Port] Kompleksnaia mekhanizatsiia pogruzochno-razgruzochnykh rabot, opyt Odesskogo porta. Moskva, Izd-vo "Morskoi transport," 1961. 112 p. (Biblioteka obmena opytom na morskom transporte)

RAL'TSEVICH, V. A., ed. [Fundamentals of construction] Osnovy stroitel'nogo dela. [By] I. T. Golovnia i dr. Moskva, Izd-vo tekhn. i ekon. lit-ry po voprosam khleboproduktov, 1960. 243 p.

[REFRIGERATION ENGINEERING; encyclopedia in three volumes] Kholodil'naia tekhnika; entsiklopedicheskii spravochnik v trekh knigakh. Glav. red. Sh. N. Kobulashvili i dr. [Leningrad] Gostorgizdat.
Vol. 2. [Refrigeration in industry and transportation] Primenenie kholoda v promyshlennosti i na transporte. 1961. 575 p.

REZNIKOV, A. N., ed. [Metal-cutting tools for automatic and semiautomatic machine tools] Rezhushchii instrument dlia avtomatov i poluavtomatov. [Kuibyshev] Kuibyshevskoe knizhnoe izd-vo, 1961. 153 p.

RODIONOV, L. E. [Observations on the displacement of rocks in mine surveying; second lecture for students specializing in mine surveying] Marksheiderskie nabliudenila za sdvizheniem gornykh porod, lektsiia vtoraia dlia studentov spetsial'nosti "Markscheiderskoe delo." Moskva, Gos. izd-vo "Vysshaia shkola," 1960. 39 p.

RODIONOV, L. E. [Open-pit mining of mineral deposits] Otkrytaia razrabotka mestorozhdenii poleznykh iskopaemykh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 294 p.

ROMANOV, A. P. [The course of events...; from the diary of a Tass special reporter] Kak eto bylo...; iz dnevnika spetsial'nogo korrespondenta TASS. Moskva, Gos. izd-vo polit. lit-ry, 1961. 53 p.

RUDAKOV, G. A. [Chemistry and technology of camphor] Khimiia i tekhnologiia kamfary Moskva, Goslesbumizdat, 1961. 223 p

RUDITSYN, M. N., P. IA. ARTEMOV, and M. I. LIUBOSHITS. [Reference manual on the strength of materials] Spravochnoe posobie po soprotivleniiu materialov. Pod obshchei red. M. N. Ruditsyna. 2. ispr. izd. Minsk, Gos. izd-vo BSSR, Red. nauchno-tekhn. lit-ry, 1961. 515 p.

RUMIANTSEV, A. A. [Increasing labor productivity in drop forging operations] Povyshenie proizvoditel'nosti truda v kuznechno-shtampovochnom proizvodstve. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 95 p.

RUSANOVA, O. D. [Structure of the coal complex of the Angren deposit] Stroenie ugol'nogo kompleksa Angrenskogo mestorozhdeniia. Tashkent, Gos. izd-vo Uzbekskoi SSR, 1959. 95 p.
[MICROFILM]

RUS[illegible]
road, truck-mounted, crawler, rubber-tired] Tipovaia instruktsiia dlia kranovshchikov strelovykh peredvizhnykh kranov, zheleznodorozhnykh, avtomobil'nykh, gusenichnykh, pnevmokolesnykh. 2. izd. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 19 p.

RUSSIA (1917- R. S. F. S. R.) Ministerstvo rechnogo flota. Tekhnicheskoe upravlenie. [Technical specifications for the repair of the 3D6 TU RF 411-IIR-59 internal combustion engine] Tekhnicheskie usloviia na remont dvigatelia vnutrennego sgoraniia 3D6 TU RF 411-IIR - 59. Moskva, Izd-vo "Rechnoi transport," 1961. 343 p.

RUSSIA (1917- R. S. F. S. R.) Ministerstvo torgovli. [Collected recipes of dishes for workers and students] Sbornik retseptur bliud dlia pitaniia rabochikh i studentov. 2 perer., dop. izd. Moskva, Gos. izd-vo torg. lit-ry, 1961. 491 p.

RUSSIA (1917- R. S. F. S. R.) Moskovskii gorodskoi ekonomicheskii administrativnyi raion. Sovet narodnogo khoziaistva. [Over-all automation and modernization of equipment and production processes at the First State Bearing Plant] Kompleksnaia avtomatizatsiia i modernizatsiia oborudovaniia i protsessov proizvodstva na Pervom gosudarstvennom podshipnikovom zavode. Moskva, TSentr. biuro tekhn. informatsii, 1959. 84 p.
[MICROFILM]

RUSSIA (1917- R. S. F. R. S.) Tekhnicheskoe upravlenie. [Manufacture and assembly of pipelines] Izgotovlenie i montazh truboprovodov, sbornik statei. Moskva, TSentr. biuro tekhn. informatsii, 1960. 313 p.

RUSSIA (1923- U. S. S. R.) Glavnoe upravlenie elektrifikatsii i energeticheskogo khoziaistva. [Maintenance regulations for the installation of traction substations of electrified railroads] Pravila soderzhaniia ustroistv tiagovykh podstantsii elektrifitsirovannykh zheleznykh dorog. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 154 p.

RUSSIA (1923- U. S. S. R.) Glavnoe upravlenie signalizatsii i sviazi. [Safety engineering regulations and instructions in connection with the maintenance and repair of central block signaling and communication systems on railroads] Pravila i instruktsiia po tekhnike bezopasnosti pri obsluzhivanii i remonte ustroistv STsB i sviazi na zheleznodorozhnom transporte. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 124 p.

RUSSIA (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Handbook on the transportation, acceptance, and storage of materials, articles, and equipment in construction] Rukovodstvo po transportirovke, priemke, skladirovaniiu i khraneniiu materialov, izdelii, konstruktsii i oborudovaniia v stroitel'stve. 2., izd. ispr. i dop. Moskva, Gos. izd-vo lit-ry po stroit. arkhit. i stroit. materialam, 1961. 350 p.

RU[illegible]
eksploatatsii. 2. izd. Moskva, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1959. 103 p.
[MICROFILM]

RUSSIA (1923- U. S. S. R.) Komitet po delam izobretenii i otkrytii. [Collection of inventions; radio electronics] Sbornik izobretenii; radioelektronika. Moskva, TSentr. biuro tekhn. informatsii, 1961. 250 p. (Sborniki otechestvennykh izobretenii)

RUSSIA (1923- U. S. S. R.) Komitet po delam izobretenii i otkrytii. [Collection of inventions, the asbestos-cement and roofing materials industries] Sbornik izobretenii, asbestotsementnaia promyshlennost' i promyshlennost' miagkoi krovli. Moskva, Informatsionno-izdatel'skii otdel, 1959. 79 p.
[MICROFILM]

RUSSIA (1923- U. S. S. R.) Komitet po nadzoru za bezopasnym vedeniem rabot v promyshlennosti i gornomu nadzoru. [Regulations for the design and safe operation of freight-lifting cranes] Pravila ustroistva i bezopasnoi eksploatatsii gruzopod"emnykh kranov, obiazatel'ny dlia vsekh ministerstv i vedomstv. V nastoiashchee izdanie Pravil vneseny izmeneniia i dopolneniia, priniatye Gosgortekhnadzorom RSFSR. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 83 p.

RUSSIA (1923- U. S. S. R.) Ministerstvo putei soobshcheniia. [Analysis of the production and managerial operations of car depots, methodological handbook] Analiz proizvodstvenno-khoziaistvennoi deiatel'nosti vagonnykh depo, metodicheskoe posobie. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 36 p.

RUSSIA (1923- U. S. S. R.) Ministerstvo putei soobshcheniia. Glavnoe upravlenie vagonnogo khoziaistva. [Instruction for the repair and installation of journal bearings, for the storage and use of car lubricants and box packing materials] Instruktsiia po remontu i postanovke podshipnikov skol'zheniia, khraneniiu i primeneniiu vagonnykh smazok i buksovykh podbivochnykh materialov. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 53 p.

RUSSIA (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. [Program of the course "Strength of materials" for departments of mechanical engineering in technical institutes] Programma kursa "Soprotivlenie materialov" dlia mashinostroitel'nykh i mekhanicheskikh spetsial'nostei vysshikh tekhnicheskikh uchebnykh zavedenii. [Moskva, Izd-vo "Vysshaia shkola," 1959] 15 p.
[MICROFILM]

[SAFETY REGULATIONS FOR 1st AND 2d CLASS MINERS] Instruktsiia po bezopasnym metodam rabot dlia gornorabochego I i II razriadov. 2. izd. Odobrena Prezidiumom TsK Profsoiuza rabochikh ugol'noi promyshlennosti 11 maia 1959 g. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 50 p.

[SAFETY REGULATIONS FOR THE LOADER-HAULER] Instruktsiia po bezopasnym metodam rabot dlia nasypshchika-otkatchika. Odobrena Prezidiumom TsK Profsoiuza rabochikh ugol'noi promyshlennosti 11 marta 1959 g. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 26 p.

[SAFETY REGULATIONS FOR THE MINER WORKING WITH A PICK HAMMER IN STEEP SEAMS] Instruktsiia po bezopasnym metodam rabot dlia zaboishchika na otboinom molotke na krutykh plastakh. 2 izd. Odobrena Prezidiumom TsK Profsoiuza rabochikh ugol'noi promyshlennosti 11 marta 1959 g. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 28 p.

SAGATELIAN, E. A. [Mineralogy of lead and antimony ores of the Azatek deposit in the Armenian S. S. R.] Mineralogiia svintsovo-sur'mianykh rud Azatekskogo mestorozhdeniia Armianskoi SSR. Erevan, Izd-vo Akad. nauk Armianskoi SSR, 1961. 119 p.

SANIN, A. A. [Radio engineering methods for studying radiation] Radiotekhnicheskie metody issledovaniia izlucheniĭ. Pod red. M. S. Kozodaeva. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1961. 388 p.

SARATOV. UNIVERSITET. [Practical work in radio physics] Radiofizicheskiĭ praktikum. Izd. 2., dop. i perer. Saratov, 1961. 277 p.

SAROIAN, A. E. [Principles of designing drill columns] Osnovy rascheta buril'nykh kolonn. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 171 p.

SARSER, A. I. [Surveying in mine building] Marksheiderskie raboty pri stroitel'stve shakht. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 87 p.

SAVCHENKO, A. E. [Miner] Gornorabochii. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 239 p.

SAVUSHKINA, A. N., and V. M. SMIRNOV. [Fire prevention; textbook for sergeants' schools of the Militarized Fire Prevention Units of the Ministry of the Interior] Pozharnaia profilaktika; uchebnoe posobie dlia serzhantskikh shkol VPO MVD. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1961. 390 p.

[SEAMLESS SMOOTH, THREADED, WELDED AND SHAPED STEEL PIPES] Truby stal'nye besshovnye gladkie, nareznye, svarnye i profil'nye. Izdanie ofitsial'noe. Moskva, Gos. izd-vo standartov, 1961. 309 p. (Gosudarstvennye standarty SSSR)

SEGAL', A. I. [Applied theory of elasticity] Prikladnaia teoriia uprugosti. Izd. 2., dop. i ispr. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1961. 267 p.

SELIVANOV, G. E., and M. E. KAZANTSEV. [Problems and exercises on metal cutting and metal-cutting tools] Sbornik zadach i uprazhnenii po rezaniiu metallov i rezhushchemu instrumentu. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 182 p.

SEMIDUBERSKII, M. S. [Pumps, compressors, ventilators] Nasosy, kompressory, ventiliatory. Izd. 2., perer. i dop. Moskva, Gos. izd-vo "Vysshaia shkola, 1961. 287 p.

SEMILET, Z. V. [Heat exchangers equipped with spray coolers used in the chemical industries] Orositel'nye teploobmenniki khimicheskikh proizvodstv. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 110 p.

S"EZD INZHENERNO-TEKHNICHESKIKH RABOTNIKOV I NOVATOROV PROMYSHLENNOSTI UZBEKISTANA, 2d. [Theses of reports to the Congress of Engineers Technical Specialists and Innovators of Uzbekistan Industry] Tezisy dokladov. Tashkent, In-t nauchno-tekh. informatsii i propagandy Gos. nauchno-tekhn. kom-ta Soveta Ministrov UzSSR.

[Vol. 1.] [Section of the mining industry] Sektsiia gornorudnoi promyshlennosti. 1960. 15 p.

[Vol. 2.] [Section of light industry] Sektsiia legkoi promyshlennosti. 1960. 13 p.

[Vol. 3.] [Section of the petroleum and natural gas industry] Sektsiia neftianoi i gazovoi promyshlennosti. 1960. 30 p.

[Vol. 4.] [Section of the textile industry] Sektsiia tekstil'noi promyshlennosti. 1960. 24 p.

[Vol. 8.] [Section of the building materials and construction industry] Sektsiia promyshlennosti stroitel'nykh materialov i stroitel'stva. 1960. 26 p.
[MICROFILM]

SHATS, IA. IU. [Fundamentals of the design of coaxial gears] Osnovy proektirovaniia optimal'nykh soosnykh peredach. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 202 p.

SHTODA, A. V., ed. [Design of airplane gas-turbine engines] Konstruktsiia aviatsionnykh gazoturbinnykh dvigatelei. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 411 p.

SHUBNYI, F. F. [From laggards to leaders, notes of a brigade leader of electrical installation workers] Iz otstaiushchikh v peredovye, zametki brigadira elektromontazhnikov. [Moskva] Mosk. rabochii, 1961. 62 p.

SHUKHOV, A. S. [Engineering know-how for each worker] Kazhdomu rabochemu - inzhenernye znaniia. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1960. 47 p. (VLKSM komsomol'skomu aktivistu)

SINEGUB-LAVRENKO, A. A., V. I. ANISIMOV, and L. A. TARASOVA. [Photomechanical methods for the production of screens for textile printing] Fotomekhanicheskie sposoby izgotovleniia form dlia pechati na tkaniakh. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1961. 142 p.

SMIRNOV, S. S. [Complex metal deposits and metallogeny of eastern Transbaikalia] Polimetallicheskie mestorozhdeniia i metallogeniia Vostochnogo Zabaikal'ia. Moskva, Izd-vo Akad. nauk SSSR, 1961. 506 p.

SOKOLOV, A. V. [Optical properties of metals] Opticheskie svoistva metallov. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 464 p.

SOKOLOV, V. A. [New methods for separating light hydrocarbons] Novye metody razdeleniia legkikh uglevodorodov. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 329 p.

SOTCHENKO, Z. IA. [Specialization in the metal-cutting tool industry in the Ukrainian S. S. R.] Spetsializatsiia instrumental'nogo proizvodstva v Ukrainskoi SSR. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1961. 112 p.

SOVESHCHANIE RABOTNIKOV DROZHZHEVOI PROMYSHLENNOSTI RSFSR, Moscow, 1958. [Conference of workers of the yeast industry of the R. S. F. S. R.] Materialy. Moskva, 1959. 49 p.
[MICROFILM]

17. MILITARY & NAVAL SCIENCE

RED'KIN, M. G. [Armored carriers] Bronetransporty Moskva, Voen. izd-vo M-va obor SSSR, 1961 99 p

SHEVCHUK, M. K. [Incendiary agents and defense against them] Zazhigatel'nye sredstva i zashchita ot nikh. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 118 p

SOKOLOV, I. A., and A. V. KHORENKOV. [Observation instruments in field artillery] Pribory nabliudeniia nazemnoi artillerii Moskva, Voen. izd-vo M-va oborony SSSR, 1961. 96 p. (Za voenno-tekhnicheskie znaniia)

SKRIAGIN, L. N. [On the trail of sea disasters] Po sledam morskikh katastrof Moskva, Izd-vo "Morskoi transport," 1961. 251 p

ZAITSOV, A. A. [General staff duty] Sluzhba General'nogo Shtaba New York, Izd-vo "Voennyi vestnik," 1961. 209 p

SOLOMATIN, V. M., and D. K. SUKHOV. [Electrical engineering and telecommunication] Elektrotekhnika i elektrosviaz'. Moskva, Izd-vo "Rechnoi transport 1960 347 p.

PART B—PERIODICALS

An asterisk (*) appearing before a periodical title indicates that it is available in full English translation. For publishers of such translated periodicals, their subscription prices, etc., see listing at end of this issue.

1. GENERAL

a. SCHOLARLY JOURNALS

AKADEMIIA NAUK GRUZINSKOI SSR, Tiflis. Soobshcheniia [ACADEMY OF SCIENCES OF THE GEORGIAN S.S.R. Reports] Tiflis, vol. 27, nos. 4-5, Oct.-Nov. 1961.

AKADEMIIA NAUK SSSR. Vestnik [ACADEMY OF SCIENCES OF THE U.S.S.R. Journal]. Moscow, vol. 32, no. 1, Jan. 1962.

AKADEMIIA NAUK SSSR. Komi filial, Syktyvkar. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Komi Branch. Transactions]. Syktyvkar, no. 9, 1960.

AKADEMIIA NAUK SSSR. Sibirskoe otdelenie. Izvestiia [ACADEMY OF SCIENCES OF THE U.S.S.R. Siberian Department. Bulletin]. Novosibirsk, no. 11, 1961.

AKADEMIIA NAUK TADZHIKSKOI SSR, Stalinabad. Doklady [ACADEMY OF SCIENCES OF THE TAJIK S.S.R. Reports]. Stalinabad vol. 4, no. 4, 1961.

AKADEMIIA NAUK TADZHIKSKOI SSR, Stalinabad. Otdelenie geologo-khimicheskikh i tekhnicheskikh nauk. Izvestiia [ACADEMY OF SCIENCES OF THE TAJIK S.S.R. Department of Geological, Chemical and Technological Sciences. Bulletin]. Stalinabad, no. 1(2), 1960, no. 2(4), 1961.

KISHINEV. UNIVERSITET. Uchenye zapiski [UNIVERSITY. Studies] Vol 63, 1961.

LENINGRAD. GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT IM. A.I. GERTSENA. Uchenye zapiski [STATE PEDAGOGICAL INSTITUTE Studies]. Vol 201, 1961

LENINGRAD. UNIVERSITET. Vestnik [UNIVERSITY. Review]. Vol 17, no 1, 1962. Seriia matematiki mekhaniki i astronomii [Series in Mathematics, Mechanics and Astronomy], no. 1.

LYSTY DO PRYIATELIV. LETTERS TO FRIENDS, Newark, N.J., vol. 10, no. 1/2(107-108), Jan.-Feb. 1962.

MOSCOW. GORODSKOI PEDAGOGICHESKII INSTITUT. Uchenye zapiski [MOSCOW CITY PEDAGOGICAL INSTITUTE Studies] Vol. 62, 1958 Kafedra psikhologii [Department of Psychology], no. 3.

MOSCOW. MOSKOVSKII OBLASTNOI PEDAGOGICHESKII INSTITUT. Sbornik studencheskikh nauchnykh rabot po gumanitarnomu tsiklu [MOSCOW PROVINCE PEDAGOGICAL INSTITUTE Student Papers in the Humanities]. Vol. 4, 1960

MOSCOW. MOSKOVSKII OBLASTNOI PEDAGOGICHESKII INSTITUT. Uchenye zapiski [MOSCOW PROVINCE PEDAGOGICAL INSTITUTE. Studies]. Vol. 90, 1960. Trudy Kafedry metodiki prepodavaniia istorii i konstitutsii SSSR [Transactions of the Department of Methodology of the Teaching of the History and Constitution of the U.S.S.R.], no. 2.
Contents: Merzon, I.I. [Preparing students for practice history lessons] Podgotovka studentov k prakticheskim urokam po istorii. 90 p.

Vol. 98, 1960. Trudy Kafedry vysshei algebry, elementarnoi matematiki i metodiki matematiki [Transactions of the Department of Higher Algebra, Elementary Mathematics, and the methodology of mathematics], no. 2.

Vol. 95, 1961. Trudy Kafedry istorii KPSS [Transactions of the Department of the History of the CPSU], no. 8.

OBSHCHESTVENNYE NAUKI V UZBEKISTANE [SOCIAL SCIENCES IN UZBEKISTAN]. Issued by Akademiia nauk Uzbekskoi SSR [Academy of Sciences of the Uzbek S.S.R.]. Tashkent, nos. 7, 11, 1961.

ROSTOV-ON-DON. UNIVERSITET. Uchenye zapiski [UNIVERSITY Studies] Vol. 41, 1958 Trudy Khimicheskogo fakul'teta [Transactions of the Chemistry Faculty], no 9.

STALINABAD. UNIVERSITET. Trudy [UNIVERSITY Transactions]. Vol. 28, no. 1, 1960.

STANISLAV. DERZHAVNYI PEDAGOGICHNYI INSTYTUT Naukovi zapysky [STATE PEDAGOGICAL INSTITUTES. Studies]. Vol. 4, 1960.

TASHKENT. UNIVERSITET. Trudy [UNIVERSITY Transactions]. No. 179, 1960.

SOVREMENNAIA KITAISKAIA LITERATURA PO OBSHCHESTVENNYM NAUKAM, referativnyi sbornik [CONTEMPORARY CHINESE LITERATURE ON THE SOCIAL SCIENCES, Journal of Abstracts]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 44, 1961.

b. POPULAR MAGAZINES

AMERIKA, illiustrirovannyi zhurnal [AMERICA ILLUSTRATED]. Published by the United States Information Agency. Washington, D.C., no. 65, 1962; Ukazatel' soderzhaniia, oktiabr' 1956 g. - sentiabr' 1961 g. [Subject Index, Oct. 1956 - Sep. 1961].

AZIIA I AFRIKA SEGODNIA [ASIA AND AFRICA TODAY]. Issued by Institut narodov Azii and Institut Afriki Akademii nauk SSSR [Institute of the Peoples of Asia and the Institute of Africa of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 1, Jan. 1962.

BARVINOK [PERIWINKLE]. Issued by TSentral'nyi komitet Lenins'koho komunistychnoho soiuzu molodi Ukrainy and Respublikans'ka rada Vsesoiuznoi pioners'koi organizatsii imeni V.I. Lenina [Central Committee of the Ukrainian Communist Youth of Lenin and the Republic Council of the All-Union Lenin Pioneers]. Kiev, no. 2, Feb. 1962.

BELARUSKAIA MOLADZ', BYELORUSSIAN YOUTH, Issued by Zgurtavan'ne belaruskae moladzi u Amerytsy [White Russian Youth Association of America]. New york, vol. 3, no. 11, July - Sep. 1961.

BELARUS' [WHITE RUSSIA]. Minsk, vol. 19, no. 1, Jan. 1962.

BIAROZKA [THE LITTLE BIRCH]. Issued by TSentral'ny kamitet Leninskaha komunistychnaha saiuza moladzi Belarusi and Respublikanki Savet pilanerskai arganizatsyi imia V.I. Lenina [Central Committee of the White Russian Communist Youth League of Lenin and the Republic Council of Lenin Pioneers]. Minsk, vol. 36, no. 1, Jan. 1962.

DRUZHNO VPERED [FORWARD TOGETHER]. Issued by Kul'turna spilka ukrains'kykh trudiashchykh Chekhoslovachchyny [Cultural Association of the Ukrainian Workers of Czechoslovakia]. Presov, vol. 12, no. 1(162), Jan. 1962. [In Ukrainian]

GENYS [WOODPECKER]. Issued by Lietuvos Lenino komjaunimo sajungos Centro komitetas and Respublikine pioneriu taryba [Central Committee of the Lenin Communist Youth League of Lithuania and the Republic Council of Pioneers]. Vilnius, nos. 11(95)-12(96), 1961. [In Lithuanian]

JAUNIMO GRETOS [THE RANKS OF YOUTH]. Issued by Lietuvos Lenino komjaunimo sajungos Centro komitetas [Central Committee of the Lenin Communist Youth League of Lithuania]. Vilnius, no. 1(206)-2(207), Jan.-Feb. 1962. [In Lithuanian]

KAPKĂN, chuvashskii satiricheskii zhurnal [TRAP; Chuvash Satirical Magazine]. Cheboksary, vol. 22, nos. 1(304) - 3(306), Jan.-Feb. 1962.

KHORPUSHTAK [HEDGEHOG]. Dushanbe, no. 1(105), Jan. 1962.

KITAI [CHINA]. Published by Izdatel'stvo literatury na inostrannykh iazykakh [Publishing House for Literature in Foreign Languages]. Peiping, no. 2, 1961.

KOSTER [CAMP FIRE]. Issued by TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin] and others. Leningrad, no. 1, Jan. 1962.

KROKODIL [CROCODILE]. Issued by gazeta [Newspaper] "Pravda," Moscow, vol. 40, nos. 3(1053) - 4(1054) Jan.-Feb 1962.

KUL'TURA I ZHIZN' [CULTURE AND LIFE]. Issued by Soiuz sovetskikh obshchestv druzhby i kul'turnoi sviazi s zarubezhnymi stranami [Union of Soviet Societies for Friendship and Cultural Relations with Foreign Countries]. Moscow, vol. 5, no. 3, 1961, vol. 6, no. 1, 1962.

KYIV [KIEV]. Published by Bohdan Romanenchuk. Philadelphia, vol. 12, no. 6(69), Nov.-Dec. 1961.

MEDENIET ZHENE TURMYS [CULTURE AND LIFE]. Issued by Ministerstvo kul'tury Kazakhskoi SSR [Ministry of Culture of the Kazakh S.S.R.]. Alma-Ata, no. 1, Jan. 1962. [In Kazakh]

MOKSLEIVIS [THE STUDENT]. Issued by Lietuvos Lenino komjaunimo sajungos Centro komitetas and LTSR svietimo ministerija [Central Committee of the Lenin Communist Youth League of Lithuania and the Ministry of Education of the Lithuanian S.S.R.]. Vilnius, no. 1(49), 1962. [In Lithuanian]

MURZILKA [TINY TOT]. Issued by TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi and TSentral'nyi sovet Vsesoiuznoi pionerskoi organizatsii imeni V.I. Lenina [Central Committee of the All-Union Communist Youth League of Lenin and the Central Council of the V.I. Lenin All-Union Pioneer Organization]. Moscow, no. 2, Feb. 1962.

MUSHTUM [PUNCH]. Tashkent, vol. 39, nos. 18(612), 24(618), Sep.-Oct. 1961; vol. 40, nos. 2(620) - 3(621), Jan.-Feb. 1962.

MY I SVIT, WE AND THE WORLD. Toronto, vol. 13, no. 98, Jan. 1962.

NARODNAIA RUMYNIA [PEOPLE'S RUMANIA]. Bucharest, no. 2, Feb. 1962.

NOVAIA KOREIA [NEW KOREA] Published by Izdatel'stvo literatury na inostrannykh iazykakh [Foreign-Language Publishing House]. Pyongyang, nos. 17(165), 1961.

NOVOSTI KOREI [NEWS OF KOREA]. Issued by TSentral'noe telegrafnoe agentstvo Korei [Central Telegraph Agency of Korea]. Pyongyang, vol. 4, no. 13, May, 1961.

OGONEK [THE LITTLE LIGHT]. Moscow, vol. 40, nos. 2(1803)-6(1807), Jan.-Feb. 1962.

637475 O - 62 - 3

OTVECHAEM NA VOPROSY RABOCHIKH [WE ANSWER WORKERS' QUESTIONS] Moscow, no. 12, 1961. (Massovaia biblioteka rabochego)

OTVETY NA VOPROSY TRUDIASHCHIKHSIA [REPLIES TO WORKERS' QUESTIONS]. Moscow, no. 2(123), 1961

OVYD. HORIZON. Published by Mykola Denysiuk Publishing Co. Chicago, vol. 13, no. 1(020), Jan. -Mar. 1962.

PERETS' [PEPPER]. Issued by Vydavnytstvo [Publishing House] "Radians'ka Ukraina." Kiev, vol. 22, nos. 3(470)-4(171), Feb. 1962.

PIONER [PIONEER]. Erivan, no. 11, Nov. 1961; no. 1, Jan. 1962. [In Armenian]

PIONER [PIONEER]. Issued by TSentral'nyi komitet Vsesoiuznogo Leninskogo kommunisticheskogo soiuza molodezhi and TSentral'nyi sovet Vsesoiuznoi pionerskoi organizatsii imeni V. I. Lenina [Central Committee of the All-Union Communist Youth League of Lenin and the Central Council of the All-Union Lenin Pioneers]. Moscow, vol. 39, no 1, Jan. 1962

PIONERIIA [PIONEERS]. Issued by TSentral'nyi komitet Leninskoho komunistychnoho soiuzu molodi Ukrainy and Respublikans'ka Rada Vsesoiuznoi pioners'koi organizatsii imeni V. I. Lenina [Central Committee of the Ukrainian Communist Youth League of Lenin and the Republic Council of the All-Union Lenin Pioneers]. Kiev, vol. 39, no. 2(459), Feb. 1962.

POL'SHA [POLAND]. Warsaw, no. 2(90), 1962.

RODINA [OUR COUNTRY]. Issued by Komitet za vozvrashchenie na Rodinu i razvitie kul'turnykh sviazei s sootechestvennikami [Committee for Repatriation and Development of Cultural Relations with our Countrymen]. Berlin, vol. 3, no. 6(15), Nov. -Dec. 1961.

RUSSKII V AVSTRALII. THE RUSSIAN IN AUSTRALIA. Published by the Russian Central Welfare Committee. Sydney, vol. 10, no. 2(121), Feb. 1961.

SAMOSTIINA UKRAINA. INDEPENDENT UKRAINE. Published by TSentral'na uprava Organizatsiit dei-zhavnoho vidrodzhennia Ukrainy [Central Administration of the Organization for the Rebirth of Ukraine]. Chicago, vol. 15, no. 2(156)-3(157), Feb. Mar. 1962.

SEIATEL' [SOWER]. Published by N. Cholovskii. Buenos Aiers, no. 102, Dec. 1961.

SOGLASIE [CONCORD]. Los Angeles, Calif., vol. II, no. 126, Mar. 1962.

SOVREMENNAIA MONGOLIIA [CONTEMPORARY MONGOLIA] Ulan Bator, vol. 6, no. 9(46), Sep. 1961.

SUMIVETS'. Organ of Spilka ukrains'koi molodi Ameryky [Ukrainian American Youth Association]. New York, vol. 8, no. 3(37), Sep-Oct., 1961.

SVYTURYS [THE LIGHTHOUSE]. Vilnius, vol. 14, nos. 1(313)-2(314), Jan. 1962. [In Lithuanian]

URAL'SKII SLEDOPYT [URAL PATHFINDER]. Issued by Sverdlovskoe otdelenie Soiuza pisatelei and Sverdlovskii obkom VLKSM [Sverdlovsk Branch of the Association of Writers and the Sverdlovsk Province Committee of the All-Union Communist Youth League of Lenin]. Sverdlovsk, nos. 11-12, Nov. -Dec. 1961.

VESELKA. THE RAINBOW. Published by Ukrainian National Association. Jersey City, vol. 8, nos. 10(86)-12(88), Oct. -Dec. 1961, vol 9, nos. 1(89)-2(90), Jan. -Feb. 1962

VOZHYK [HEDGEHOG]. Issued by TSentral'ny kamitet Komunistychnai partyi Belarusi [Central Committee of the Communist Party of White Russia]. Minsk, vol. 22, nos. 2(528)-3(529), Jan. -Feb. 1962

VSESVIT. THE WORLD. Issued by Spilka pys'mennykiv Ukrainy and Ukraine'ke tovarystvo kul'turnoho zv'iazku z zakordonom [Association of Writers of the Ukraine and the Ukrainian Society for Cultural Relations with Foreign Countries]. Kiev, vol. 5, no. 1(43), Jan. 1962.

VYZVOL'NYI SHLIAKH [LIBERATION PATH]. London, vol. 8(14), no. 12/96(170), Dec. 1961, vol. 9(15), no. 1/97(171), Jan. 1962.

ZA SYNIM OKEANOM [BEYOND THE BLUE OCEAN]. New York, vol. 4, no. 1, Jan. 1962.

ZHIZN' GLUKHIKH [LIFE OF THE DEAF]. Issued by Vserossiskoe obshchestvo glukhikh [All-Russian Society of the Deaf]. Moscow, vol. 15, nos. 1-2, Jan. - Feb. 1962.

ZVAIGZNE [THE STAR]. Riga, no. 2(276), Jan. 1962. [In Latvian]

2. BIBLIOGRAPHY

a. BIBLIOGRAPHY

BIBLOS, ZHURNAL UKRAINS'KOI BIBLIOGRAFII [JOURNAL OF UKRAINIAN BIBLIOGRAPHY]. New York, vol. 8, no. 3(63), Mar. 1962.

KNIZHNAIA LETOPIS' [BOOK CHRONICLE]. Issued by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, nos 4-7, 1962.

LATVIJAS PSR PRESES HRONIKA, LETOPIS' PECHATI LATVIISKOI SSR [CHRONICLE OF PUBLICATIONS OF THE LATVIAN S. S. R.]. Issued by Latvijas PSR gramatu palata [Book Chamber of the Latvian S. S. R.]. Riga, no. 10, Oct. 1961; Vspomogatel'nye ukazateli za 1960 g. [Indexes for 1960].

LETOPIS' GAZETNYKH STATEI [CHRONICLE OF NEWSPAPER ARTICLES]. Issued by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, no. 1, 1962.

LETOPIS' ZHURNAL'NYKH STATEI [CHRONICLE OF PERIODICAL ARTICLES]. Published by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, nos. 3-6, 1962.

MOSCOW. PUBLICHNAIA BIBLIOTEKA. Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V. I. Lenina. Seriia 1: Fiziko-matematicheskie, khimicheskie i geologo-geograficheskie nauki, tekhnika i tekhnicheskie nauki [PUBLIC LIBRARY. Information Bulletin of New Foreign Books, Received by the Lenin Library. Series 1: Physical, Mathematical, Chemical, Geological and Geographical Sciences; Technology and Technological Sciences]. Vol. 7, nos. 2-5, Jan. -Feb. 1962.

MOSCOW. PUBLICHNAIA BIBLIOTEKA. Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V. I. Lenina. Seriia 2. Biologicheskie, meditsinskie i sel'skokhoziaistvennye nauki [PUBLIC LIBRARY. Information Bulletin of New Foreign Books, Received by the Lenin Library. Series 2: Biological, Medical, and Agricultural Sciences]. Vol. 5, nos. 2-5, Jan. -Feb. 1962.

MOSCOW. PUBLICHNAIA BIBLIOTEKA. Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V. I. Lenina. Seriia 3: Obshchestvennye nauki, khudozhestvennaia literatura, iskusstvo [PUBLIC LIBRARY. Information Bulletin of New Foreign Books, Received by the Lenin Library. Series 3: Social Sciences, Belles-Lettres, Art]. Vol. 5, nos. 2-5, Jan. -Feb. 1962.

NOVAIA LITERATURA PO EVROPEISKIM STRANAM NARODNOI DEMOKRATII: RUMYNIIA [NEW LITERATURE ON EUROPEAN PEOPLE'S DEMOCRACIES: RUMANIA]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 11, 1961.

NOVAIA LITERATURA PO EVROPEISKIM STRANAM NARODNOI DEMOKRATII I SLAVIANOVEDENIIU: CHEKHOSLOVAKIIA [NEW LITERATURE ON EUROPEAN PEOPLE'S DEMOCRACIES AND SLAVIC STUDIES: CZECHOSLOVAKIA]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 11, 1961.

NOVAIA LITERATURA PO EVROPEISKIM STRANAM NARODNOI DEMOKRATII I SLAVIANOVEDENIIU: POL'SHA [NEW LITERATURE ON EUROPEAN PEOPLE'S DEMOCRACIES AND SLAVIC STUDIES: POLAND]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 11, 1961.

NOVAIA LITERATURA PO IUGOSLAVII [NEW LITERATURE ON YUGOSLAVIA]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 11, 1961.

NOVAIA SOVETSKAIA I INOSTRANNAIA LITERATURA PO STRANAM ZARUBEZHNOGO VOSTOKA [NEW SOVIET AND FOREIGN LITERATURE ON THE COUNTRIES OF THE NON-SOVIET EAST]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 15, 1961.

NOVAIA SOVETSKAIA LITERATURA O NAUKE I NAUCHNO-ISSLEDOVATEL'SKOI RABOTE V SSSR [NEW SOVIET LITERATURE ON SCIENCE AND GENERAL RESEARCH IN THE U.S.S.R.]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 11, 1961.

NOVYE KNIGI [NEW BOOKS]. Issued by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, nos. 3, 5-8, Jan. -Feb. 1962.

NOVYE KNIGI ZA RUBEZHOM Seriia V: Biologiia, meditsina, sel'skoe khoziaistvo [NEW FOREIGN BOOKS. Series V Biology, Medicine, Agriculture] Published by Izdatel'stvo inostrannoi literatury [Publishing House of Foreign Literature]. Moscow, vol. 6, nos 1-2, Jan. -Feb. 1962.

NOVYE KNIGI ZA RUBEZHOM PO OBSHCHESTVENNYM NAUKAM; ekonomika, filosofiia, istoriia, mezhdunarodnye otnosheniia [NEW FOREIGN BOOKS ON THE SOCIAL SCIENCES, Economics, Philosophy, History, International Relations]. Published by Izdatel'stvo inostrannoi literatury [Publishing House of Foreign Literature]. Moscow, vol. 5, no. 1, Jan. 1962.

SOVETSKAIA BIBLIOGRAFIIA [SOVIET BIBLIOGRAPHY] Issued by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, no. 6(70), 1961

b. LIBRARIES & LIBRARY SCIENCE

BIBLIOTEKAR' [THE LIBRARIAN]. Organ of Ministerstvo kul'tury RSFSR [Ministry of Culture of the R.S.F.S.R.]. Moscow, nos. 1-2, Jan. -Feb. 1962.

c. PRINTING & THE BOOK TRADE

RASPROSTRANENIE PECHATI [DISTRIBUTION OF PUBLICATIONS]. Issued by Glavnoe upravlenie Soiuzpechati Ministerstva sviazi SSSR [Main Administration for the Distribution of Printed Matter of the Ministry of Communications of the U.S.S.R.]. Moscow, nos. 5-7, May-July 1961.

3. PHILOSOPHY & RELIGION

a. PHILOSOPHY

NOVAIA SOVETSKAIA LITERATURA PO FILOSOFII [NEW SOVIET LITERATURE ON PHILOSOPHY]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 11, 1961.

RUSSIA (1923- [illegible] sredniego vysshei sl[illegible] and Secon[illegible] Papers of Moscow, [illegible]

VOPROSY ESTETIKI [PROBLEMS OF AESTHETICS] Issued by Institut istorii iskusstv Akademii nauk SSSR [Institute of the History of Art of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 4, 1960.

VOPROSY FILOSOFII [PROBLEMS OF PHILOSOPHY]. Issued by Institut filosofii Akademii nauk SSSR [Institute of Philosophy of the Academy of Sciences of the U.S.S.R.]. Moscow, vol. 16, no. 1, 1962.

VOPROSY PSIKHOLOGII [PROBLEMS OF PSYCHOLOGY]. Issued by Akademiia pedagogicheskikh nauk RSFSR [Academy of Pedagogical Sciences of the R.S.F.S.R.]. Moscow, vol. 7, nos. 5-6, Sep. -Dec. 1961.

b. RELIGION

BELARUSKI KATOLIK, BYELORUSSIAN CATHOLIC. Princeton, no. 4, Aug. 1961.

BELYI LOTOS [WHITE LOTUS]. Burbank, Calif., no. 6, 1962.

DUKHOVNOE PROBUZHDENIE [SPIRITUAL AWAKENING]. Helsinki, vol. 40, no. 11, 1961; vol. 41, no. 1, 1962.

HOLAS TSARKVY [THE VOICE OF THE CHURCH]. Issued by TSarkounaia rada Belaruskae autakefal'nae pravoslaunae tsarkvy [Belorussian Autocephalic Orthodox Church]. New York, vol. 7, no. 14, 1961.

RUSSKO-AMERIKANSKII PRAVOSLAVNYI VESTNIK, THE RUSSIAN AMERICAN ORTHODOX MESSENGER. Organ of Mitropolichii okrug Russkoi Pravoslavnoi Tserkvi v Amerike [Metropolitanate of the Russian Orthodox Church in America]. New York, vol. 66, no. 2, Feb. 1962.

SVITLO, THE LIGHT. Issued by OO. Vasyllitany [The Basilian Fathers]. Toronto, vol. 25, no. 3(471), Mar. 1962.

TSERKOVNYI VESTNIK [CHURCH HERALD] Organ of Pravoslavnaia tserkov' v Pol'she [Orthodox Church in Poland] Warsaw, vol. 8, no. 11/12, Nov.-Dec. 1961.

VECHNOE [THE ETERNAL]. Paris, no. 1(169), Jan 1962.

VERA, NADEZHDA, LIUBOV' [FAITH, HOPE, AND CHARITY] Munich, no 36, May 1960

VIRA I KUL'TURA FAITH AND CULTURE Organ of Ukraine'ke naukove bohoslova'ke tovarystvo [Ukrainian Theological Society]. Winnipeg, vol. 25, no. 4(100), Feb. 1962.

VOPROSY ISTORII RELIGII I ATEIZMA [PROBLEMS OF RELIGION AND ATHEISM]. Issued by Institut istorii Akademii nauk SSSR [Institute of History of the Academy of Sciences of the U S S R.] Moscow, vol. 9, 1961

4. HISTORY

a. GENERAL

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Izvestiia. Seriia istorii, arkheologii i etnografii [ACADEMY OF SCIENCES OF THE KAZAKH S.S.R. Bulletin. Series in History, Archaeology, and Ethnography]. Alma-Ata, no. 3(17), 1961.

AKADEMIIA NAUK SSSR. Institut narodov Azii. Kratkie soobshcheniia [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of the Peoples of Asia. Brief reports]. Moscow, nos. 30, 44-45, 49, 57, 59, 1961.

INSTITUT ZUR ERFORSCHUNG DER UdSSR. Issledovaniia i materialy. INSTITUTE FOR THE STUDY OF THE U.S.S.R. [Investigations and Materials]. Munich, Ser. 1, no. 62, 1960.
Contents: Burg, David [Opposition trends among Soviet youth in the years following "the thaw"; [with summary in English] Oppozitsionnye nastroeniia molodezhi v gody posle "ottepeli." 64 p.

ISTORICHESKII ARHIV [HISTORICAL ARCHIVES]. Issued by Institut istorii Akademii nauk SSSR [Institute of History of the Academy of Sciences of the U.S.S.R.]. Moscos, vol. 7, no. 3, May-June 1961.

MAGADAN. OBLASTNOI KRAEVEDCHESKII MUZEI. Kraevedcheskie zapiski [REGIONAL LOCAL MUSEUM. Local Lore Annals]. No. 3, 1960.

MOSCOW. UNIVERSITET. Vestnik. Seriia 9: Istoriia [UNIVERSITY. Review. Series 9: History]. Vol. 17, no. 1, Jan.-Feb 1962.

NOVAIA SOVETSKAIA LITERATURA PO ISTORII, ARKHEOLOGII I ETNOGRAFII [NEW SOVIET LITERATURE ON HISTORY, ARCHAEOLOGY, AND ETHNOGRAPHY]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 10-11, 1961.

PREPODAVANIE ISTORII V SHKOLE [TEACHING HISTORY IN SCHOOLS]. Issued by Ministerstvo prosveshcheniia RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, vol. 17, no. 1, Jan.-Feb. 1962.

REVOLIUTSIONNOE DVIZHENIE V SIBIRI I NA DAL'NEM VOSTOKE [THE REVOLUTIONARY MOVEMENT IN SIBERIA AND THE FAR EAST]. Issued by Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia RSFSR [Ministry of Higher and Secondary Specialized Education of the R.S.F.S.R.]. Tomsk, no. 1, 1960.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednogo spetsial'nogo obrazovaniia, Nauchnye doklady vysshei shkoly; istoricheskie nauki [Ministry of Higher and Secondary Specialized Education. Research Papers of Higher Schools, Historical Sciences]. Moscow, no. 2, 1961.

VIZANTIISKII VREMENNIK [BYZANTINE CHRONICLE]. Organ of Institut istorii Akademii nauk SSSR [Institute of History of the Academy of Sciences of the U.S.S.R.]. Moscow, vols. 18-20, 1961.

VOENNO-ISTORICHESKII ZHURNAL [MILITARY HISTORY JOURNAL] Organ of Ministerstvo oborony SSSR [Ministry of Defense of the U S S.R.]. Moscow, vol. 3, no 9, Sep. 1961.

b. ARCHAEOLOGY & ANTIQUITIES

AKADEMIIA NAUK SSSR. Institut arkheologii. Kratkie soobshcheniia o dokladakh i polevykh issledovaniiakh [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Archaeology. Brief summaries of Reports and Field Explorations]. Moscow, no. 86, 1961.

MATERIALY I ISSLEDOVANIIA PO ARKHEOLOGII SSSR [MATERIALS AND RESEARCH IN THE ARCHAEOLOGY OF THE U.S.S.R.]. Issued by Institut arkheologii Akademii nauk SSSR [Institute of Archaeology of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 97, 1961.

MOSCOW. GOSUDARSTVENNYI ISTORICHESKII MUZEI. Pamiatniki kul'tury [STATE HISTORICAL MUSEUM. Landmarks of Culture] No. 32, 1961.
Contents. [Source materials relating to the Pugachev Rebellion in the collection of the State Historical Museum] Pamiatniki Pugachevskogo vosstaniia, khraniashchiesia v Gosudarstvennom istoricheskom muzee. 38 p.

No. 33, 1961.
Contents: Retkovskaia, L. S. [The universe in early Russian art] Vselennaia v iskusstve drevnei Rusi. 20 p. 20 plates.

5. SOCIAL SCIENCES

a. COMMERCE

BOLGARSKAIA VNESHNIAIA TORGOVLIA [BULGARIAN FOREIGN TRADE]. Issued by Bolgarskaia torgovaia palata [Bulgarian Chamber of Commerce]. Sofia, no. 3, 1960.

LENINGRAD. INSTITUT SOVETSKOI TORGOVLI. Sbornik nauchnykh rabot [INSTITUTE OF SOVIET COMMERCE. Collected Papers]. No. 16, 1960

NOVYE TOVARY; informatsionnyi biulleten' [NEW CONSUMER GOODS; Information Bulletin]. Moscow, no. 1, 1962.

SOVETSKAIA TORGOVLIA [SOVIET COMMERCE] Organ of Ministerstvo torgovli RSFSR [Ministry of Commerce of the R.S.F.S.R.] Moscow, vol. 36, nos. 1-2, Jan.-Feb. 1962.

VNESHNIAIA TORGOVLIA [FOREIGN TRADE]. Organ of Ministerstvo vneshnei torgovli SSSR [Ministry of Foreign Commerce of the U.S.S.R.] Moscow, vol. 42, no. 1, 1962.

b. ECONOMICS

AKADEMIIA NAUK GRUZINSKOI SSR, Tiflis. Institut ekonomiki. Trudy [ACADEMY OF SCIENCES OF THE GEORGIAN S.S.R. Institut of Economics. Transactions]. Tiflis, vol. 12, 1961.

EKONOMIKA RADIANS'KOI UKRAINY [ECONOMICS OF THE SOVIET UKRAINE]. Issued by Instytut ekonomiky Akademii nauk URSR [Institute of Economics of the Academy of Sciences of the Ukrainian S.S.R.]. Kiev, no. 9, Nov.-Dec. 1961.

EKONOMIKA SOVETSKOI UKRAINY [ECONOMICS OF THE SOVIET UKRAINE]. Issued by Gosplan Soveta Ministrov Ukrainskoi SSR and Institut ekonomiki Akademii nauk URSR [State Planning Commission of the Council of Ministers of the Ukrainian S.S.R. and the Institute of Economics of the Academy of Sciences of the Ukrainian S.S.R.]. Kiev, no. 4, July-Aug. 1960.

EKONOMIKA STROITEL'STVA [ECONOMICS OF CONSTRUCTION]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U.S.S.R. for Construction]. Moscow, nos. 11-12, Nov.-Dec. 1961.

KIEV. UNIVERSYTET. Kafedra politychnoi ekonomii. Zbirnyk naukovykh prats' [UNIVERSITY. Department of Economics Collected Papers]. No. 3, 1959.

LIAUDIES UKIS [THE NATIONAL ECONOMY]. Issued by Lietuvos TSR Valstybine plano komisija [State Planning Commission of the Lithuanian S.S.R.] and others. Vilnius, no. 9(35), Sep. 1961. [In Lithuanian]

MATERIALY PO PROIZVODITEL'NYM SILAM UZBEKISTANA [MATERIALS ON PRODUCTIVE FORCES OF UZBEKISTAN]. Issued by Sovet po izucheniiu proizvoditel'nykh sil Akademii nauk Uzbekskoi SSR [Council for the Study of Productive Forces of the Academy of Sciences of the Uzbek S.S.R.]. Tashkent, no. 11, 1960.
Contents [Land and water resources of the lower Amu Darya Valley and their use, Kara-Kalpak A.S.S.R. and Khorezm Province, Uzbek S.S.R.] Zemel'no-vodnye resursy nizov'ev Amu-Dar'i i ikh ispol'zovanie (Kara-Kalpakskaia ASSR i khorezmskaia oblast' UzSSR). 205 p.

MIROVAIA EKONOMIKA I MEZHDUNARODNYE OTNOSHENIIA [WORLD ECONOMICS AND INTERNATIONAL RELATIONS]. Issued by Institut mirovoi ekonomiki mezhdunarodnykh otnoshenii Akademii nauk SSSR [Institute of World Economics and International Relations of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 1, Jan. 1962.

MOSCOW. EKONOMIKO-STATISTICHFSKII INSTITUT. Voprosy statistiki i ucheta [INSTITUTE OF ECONOMICS AND STATISTICS. Problems of Statistics and Accounting] No. 4, 1961.

MOSCOW. UNIVERSITET. Vestnik. Seriia 8: Ekonomika, filosofiia [UNIVERSITY. Review. Series 8: Economics, Philosophy]. Vol 17, no. 1, Jan.-Feb. 1962

NARODNOE KHOZIAISTVO UZBEKISTANA [THE NATIONAL ECONOMY OF UZBEKISTAN]. Issued by Gosudarstvennaia planovaia komissiia Soveta Ministrov UzbekskoiSSR [State Planning Commission of the Council of Ministers of the Uzbek S S R.] Tashkent, vol 3, no. 8, Aug. 1961, vol. 4, no 1, Jan 1962.

NOVAIA INOSTRANNAIA EKONOMICHESKAIA LITERATURA [NEW FOREIGN ECONOMIC LITERATURE]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 11, 1961.

NOVAIA SOVETSKAIA EKONOMICHESKAIA LITERATURA [NEW SOVIET ECONOMIC LITERATURE]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 36, 1961.

OCHERKI PO SOVREMENNOI SOVETSKOI I ZARUBEZHNOI EKONOMIKE [STUDIES ON CONTEMPORARY SOVIET AND FOREIGN ECONOMICS]. Issued by Nauchno-issledovatel'skii ekonomicheskii institut [Scientific Research Institute of Economics]. Moscow, no. 1, 1960.

PLANOVOE KHOZIAISTVO [PLANNED ECONOMY]. Issued by Gosekonomsovet SSSR and Gosplan SSSR [State Economic Council of the U.S.S.R. and the State Planning Commission of the U.S.S.R.]. Moscow, vol. 38, no. 2, Feb. 1962.

REFERATIVNYI SBORNIK: EKONOMIKA PROMYSHLENNOSTI [JOURNAL OF ABSTRACTS: ECONOMICS OF INDUSTRY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 1, Jan. 1962.

SBORNIK NAUCHNYKH RABOT KAFEDR POLITICHESKOI EKONOMII VUZOV G. KHAR'KOVA [COLLECTED PAPERS BY THE DEPARTMENTS OF ECONOMICS OF KHARKOV INSTITUTIONS OF HIGHER EDUCATION]. Issued by Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia USSR [Ministry of Higher and Secondary Specialized Education of the Ukrainian S.S.R.]. Kharkov, no. 3, 1960.

UCHENYE ZAPISKI KAFEDR OBSHCHESTVENNYKH NAUK VUZOV G. LENINGRADA; Politicheskaia ekonomiia [STUDIES BY THE DEPARTMENTS OF SOCIAL SCIENCES OF LENINGRAD INSTITUTIONS OF HIGHER EDUCATION; Economics]. Leningrad, no. 3, 1961.

VESTNIK STATISTIKI [STATISTICAL REVIEW]. Organ of TSentral'noe statisticheskoe upravlenie SSSR [Central Statistical Administration of the U.S.S.R.]. Moscow, no. 1, 1962.

VOPROSY EKONOMIKI [PROBLEMS OF ECONOMICS]. Issued by Institut ekonomiki Akademii nauk SSSR [Institute of Economics of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 1-2, Jan.-Feb. 1962.

c. FINANCE

DEN'GI I KREDIT [MONEY AND CREDIT]. Published by Gosudarstvennyi bank SSSR [U.S.S.R. State Bank]. Moscow, vol. 20, no. 1, Jan. 1962.

d. LABOR

BEZOPASNOST' TRUDA V PROMYSHLENNOSTI [INDUSTRIAL SAFETY]. Organ of Komitet po nadzoru za bezopasnym vedeniem rabot v promyshlennosti i gornomu nadzoru pri Sovete Ministrov RSFSR [Committee for Safety Inspection in Industry and Mining, Attached to the Council of Ministers of the R.S.F.S.R.]. Moscow, vol. 5, no. 12, Dec. 1961.

BIULLETEN' NAUCHNOI INFORMATSII TRUD I ZARABOTNAIA PLATA [BULLETIN OF SCIENTIFIC INFORMATION: LABOR AND WAGES]. Issued by Nauchno-issledovatel'skii institut truda Gosudarstvennogo komiteta Soveta Ministrov SSSR po voprosam truda i zarabotnoi platy [Labor Scientific Research Institute of the State Committee of the Council of Ministers of the U.S.S.R. for Labor and Wages]. Moscow, vol. 4, nos. 9, 12, 1961.

RABOTNITSA [THE WOMAN WORKER]. Published by Izd-vo [Publishing House] "Pravda." Moscow, *vol 10, no.1, Jan 1962*

e SOCIOLOGY

AZÉRBAIĆHAN GADYNY [AZERBAIJAN WOMAN]. Issued by TSentral'nyi komitet Kommunisticheskoi Partii Azerbaidzhana [Central Committee of the Communist Party of Azerbaijan]. Baku, no. 12, Dec. 1961. [In Azerbaijani]

KAZACH'IA ZHIZN' [COSSACK LIFE]. Issued by Vtoroi otdel Kazach'e-amerikanskogo narodnogo soiuza [Second Division of the Cossack American National Alliance, Inc.]. Providence, R.I., vol. 10, no. 107, Jan. 1962.

KAZAKHSTAN EIELDERI [KAZAKHSTAN WOMAN]. Alma-Ata, no. 1, Jan. 1962. [In Kazakh]

KLUB [THE CLUB]. Organ of Vsesoiuznyi TSentral'nyi Sovet Professional'nykh Soiuzov [All-Union Central Council of Trade Unions]. Moscow, vol. 10, no. 6, June 1961

KOMSOMOL'SKAIA ZHIZN' [LIFE OF COMMUNIST YOUTH]. Issued by TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist *Youth League of Lenin*] Moscow, nos. 13-14, July 1961.

SOVETSKAIA ZHENSHCHINA [SOVIET WOMAN]. Organ of Komitet sovetskikh zhenshchin and Vsesoiuznyi TSentral'nyi Sovet Professional'nykh Soiuzov [Committee of Soviet Women and the All-Union Central Council of Trade Unions]. Moscow, vol 16, no. 2, 1962.

UKRAINS'KE TSENTRAL'NE DOPOMOHOVE OB"IEDNANNIA V AVSTRII. Biuleten' [UKRAINIAN CENTRAL RELIEF ASSOCIATION IN AUSTRIA Bulletin]. Salzburg, no 5/6, Sep.-Oct. 1961

ZHENSHCHINY MIRA [WOMEN OF THE WHOLE WORLD] Issued by Mezhdunarodnaia demokraticheskaia federatsiia zhenshchin [Women's International Democratic Federation]. Berlin, no 5, 1961

ZMINA [THE YOUNGER GENERATION]. Issued by TSentral'nyi komitet Lenins'koho komunistychnoho soiuzu molodi Ukrainy [Central Committee of the Ukrainian Communist Youth League of Lenin]. Kiev, no. 2(107), Feb. 1962.

6. POLITICAL SCIENCE

BLOKNOT AGITATORA [THE AGITATOR'S NOTEBOOK]. Issued by Otdel propagandy i agitatsii TSentral'nogo komiteta Kommunisticheskoi partii Gruzii [Propaganda and Dissemination Section of the Central Committee of the Communist Party of Georgia]. Tiflis, vol. 18, nos. 14, 16, July-Aug. 1961.

CHASOVOI [THE SENTRY]. Organ of Rossiiskoe natsional'noe dvizhenie [Russian National Movement]. Brussels, no. 426 (1), Jan. 1962.

EESTI KOMMUNIST [COMMUNIST OF ESTONIA]. Issued by Eestimaa Kommunistiliku Partei Keskkomitee [Central Committee of the Communist Party of Estonia]. Tallinn, vol. 18, no. 1, Jan. 1962. [In Estonian]

ĶAZAĶHSTAN KOMMUNISI [COMMUNIST OF KAZAKHSTAN]. Issued by the Communist Party of Kazakhstan. Alma-Ata, vol. 41, no. 1, Jan. 1962. [In Kazakh]

KOMMUNIST [COMMUNIST]. Issued by TSentral'nyi Komitet Kommunisticheskoi partii Litvy [Central Committee of the Communist Party of Lithuania]. Vilnius, vol. 44, no. 1(451), Jan. 1962

KOMMUNIST [COMMUNIST]. Organ of TSentral'nyi komitet Kommunisticheskoi partii Sovetskogo Soiuza [Central Committee of the Communist Party of the Soviet Union]. Moscow, vol. 38, no. 3, Feb. 1962.

KOMMUNIST BELORUSSII [COMMUNIST OF WHITE RUSSIA]. Organ of TSentral'nyi komitet Kommunisticheskoi partii Belorussii [Central Committee of the Communist Party of White Russia]. Minsk, vol. 35, no 7, July 1961.

KOMMUNIST SOVETSKOI LATVII [COMMUNIST OF SOVIET LATVIA] Issued by TSentral'nyi Komitet Kommunisticheskoi partii Latvii [Central Committee of the Communist Party of Latvia]. Riga, vol. 17, nos 1-2, Jan.-Feb. 1962.

KOMUNIST UKRAINY [COMMUNIST OF THE UKRAINE]. Issued by TSentral'nyi komitet Komunistychnoi partii Ukrainy [Central Committee of the Communist Party of the Ukraine]. Kiev, vol. 37, no. 1, Jan. 1962.

KOMMUNISTI TOČIKISTON [COMMUNIST OF TAJIKISTAN]. Issued by the Central Committee of the Communist Party of Tajikistan. Dushanbe, vol. 27, no. 1, Jan. 1962. [In Tajik]

LENINIAN UGIOV [LENIN'S WAY]. Issued by TSentral'nyi komitet Kommunisticheskoi partii Armenii [Central Committee of the Communist Party of Armenia]. Erivan, vol. 39, no. 1, Jan. 1962. [In Armenian]

MEZHDUNARODNAIA ZHIZN' [INTERNATIONAL LIFE]. Published by Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii [All-Union Society for the Dissemination of Political and Scientific Knowledge]. Moscow, vol. 9, no. 2, Feb. 1962.

MOLODOI KOMMUNIST [THE YOUNG COMMUNIST]. Organ of TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, nos. 7, 10, July, Oct. 1961.

MOSCOW. INSTITUT MEZHDUNARODNYKH OTNOSHENII. Uchenye zapiski [INSTITUTE OF INTERNATIONAL RELATIONS Studies]. No. 3, 1961

NOVOE VREMIA [NEW TIMES]. Moscow, vols. 20, nos. 6(872)-9(875), Feb. 1962.

PARTIINAIA ZHIZN' [PARTY LIFE] Issued by TSentral'nyi komitet Kommunisticheskoi partii Sovetskogo Soiuza [Central Committee of the Communist Party of the Soviet Union]. Moscow, no 3, Feb 1962.

PARTIINAIA ZHIZN' KAZAKHSTANA [PARTY LIFE OF KAZAKHSTAN]. Issued by TSentral'nyi komitet KP Kazakhstana [Central Committee of the Communist Party of Kazakhstan]. Alma-Ata, vol. 31, nos. 10-11, Oct.-Nov. 1961.

POLITICHESKOE SAMOOBRAZOVANIE [POLITICAL SELF-EDUCATION]. Issued by TSentral'nyi komitet Kommunisticheskoi partii Sovetskogo Soiuza [Central Committee of the Communist Party of the Soviet Union]. Moscow, vol. 5, no. 7, July 1961.

PROBLEMY MIRA I SOTSIALIZMA [PROBLEMS OF PEACE AND SOCIALISM]. Prague, vol. 5, no. 2(42), Feb. 1962.

RUSSIA (1917- R.S.F.S.R.) Verkhovnyi Sovet. Vedomosti [Supreme Soviet, Gazette]. Moscow, vol. 6, no. 4(174), Feb. 1962.

RUSSIA (1923- U.S.S.R.) Verkhovnyi Sovet. Vedomosti [Supreme Soviet, Gazette]. Moscow, vol. 25, nos. 6(1093)-8(1095), Feb. 1962.

SOTSIALISTICHESKII VESTNIK. THE SOCIALIST COURIER. Organ of Rossiiskaia sotsial-demokraticheskaia rabochaia partiia [Russian Social Democratic Workers' Party]. New York, vol. 42, no. 1/2(761-762), Jan.-Feb. 1962.

SVOBODA [FREEDOM] Issued by TSentral'noe ob"edinenie politicheskikh emigrantov iz SSSR [Central Association of Political Refugees from the U.S.S.R.]. Munich, vol. 11, no. 1(115), Jan. 1962.

TÜRKMENISTAN KOMMUNISTI [COMMUNIST OF TURKMENISTAN]. Organ of the Central Committee of the Communist Party of Turkmenistan. Ashkhabad, vol. 37, no. 12, Dec. 1961; vol. 37, no. 1, Jan. 1962. [In Turkmen]

UKRAINS'KYI SAMOSTIINYK [UKRAINIAN INDEPENDENT]. Munich, vol. 13, no. 1(447), Jan. 1962.

VIL'NA UKRAINA [FREE UKRAINE] Issued by Ukrains'ka vil'na hromada v Amerytsi [Ukrainian Free Society of America]. Detroit, vol 7, no 32, 1961

VISNYK THE HERALD Organ of Organizatsiia oborony chotyr'okh svobid Ukrainy [Organization for Defense of the Four Freedoms for the Ukraine, Inc.]. New York, vol 16, no 2(160), Feb. 1962.

VOLIA [FREEDOM] Organ of Narodno-trudovoi soiuz rossiiskikh solidaristov [National Workingmen's Association of Russian Solidarists] Frankfurt/Main, vol 1, no 9, Nov 1961.

VOPROSY ISTORII KPSS [PROBLEMS OF THE HISTORY OF THE COMMUNIST PARTY OF THE SOVIET UNION]. Issued by Institut marksizma-leninizma pri TsK KPSS [Institute of Marxism-Leninism, Attached to the Central Committee of the Communist Party of the Soviet Union]. Moscow, vol 6, no 1, 1962

ZNAMIA ROSSII, Organ russkoi nezavisimoi monarkhicheskoi mysli [THE BANNER OF RUSSIA, Organ of Russian Independent Monarchistic Thought]. New York, no. 218, Feb. 1962.

7. LAW

ALMA-ATA. UNIVERSITET Uchenye trudy. Seriia iuridicheskaia [UNIVERSITY. Studies Juridical Series]. No 5, 1959

RADIANS'KE PRAVO [SOVIET LAW]. Organ of Ministerstvo iustytsii URSR [Ministry of Justice of the Ukrainian S.S.R.] and others. Kiev, no. 4, July-Aug. 1961.

RUSSIA (1923- U.S.S.R.) Gosudarstvennyi komitet po voprosam truda i zarabotnoi platy. Biulleten' [State Committee on Problems of Labor and Wages. Bulletin]. Moscow, nos. 10-11, 1961.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, pravovedenie [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Jurisprudence]. Moscow, vol. 5, nos. 2, 4, 1961.

SOTSIALISTICHESKAIA ZAKONNOST' [SOCIALIST LEGALITY]. Organ of Prokuratura SSSR [Attorney General's Office of the U.S.S.R.]. Moscow, vol. 30, no. 12, Dec. 1961, vol. 30, no 1, Jan 1962.

SOVETSKAIA IUSTITSIIA [SOVIET JUSTICE]. Issued by Ministerstvo iustitsii and *Verkhovnyi Sud RSFSR* [Ministry of Justice and the Supreme Court of the R.S.F.S.R.]. Moscow, no. 1, Jan 1962.

SOVETSKAIA KRIMINALISTIKA NA SLUZHBE SLEDSTVIIA [SOVIET CRIMINOLOGY IN THE *SERVICE* OF INVESTIGATION] Issued by Vsesoiuznyi nauchno-issledovatel'skii institut kriminalistiki Prokuratury SSSR [All-Union Scientific Research Institute of Criminology of the Public Prosecutor's Office of the U.S.S.R.] Moscow, no. 15, 1961.

SOVETSKOE GOSUDARSTVO I PRAVO [SOVIET STATE AND LAW]. Organ of Institut gosudarstva i prava Akademii nauk SSSR [Institute of State and Law of the Academy of Sciences of the U.S.S.R.]. Moscow, vol 32, nos. 1-2, Jan.-Feb 1962.

8. EDUCATION

a. GENERAL

DOSHKIL'NE VYKHOVANNIA [PRESCHOOL EDUCATION]. Organ of Ministerstvo osvity URSR [Ministry of Education of the Ukrainian S.S.R.]. Kiev, vol. 23, nos. 1-2, Jan.-Feb. 1962.

DOSHKOL'NOE VOSPITANIE [PRESCHOOL EDUCATION]. Issued by Ministerstvo prosveshchenitia RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, vol. 36, no. 1, Jan. 1962.

GULKHAN. Issued by TsK LKSM and Ministerstvo prosveshchenitia Uzbekistana [Central Committee of the All-Union Communist Youth League of Lenin and the Ministry of Education of Uzbekistan]. Tashkent, nos. 10(118), 12 (120), Oct., Dec. 1961. [In Uzbek]

ĶAZAĶSTAN MEKTEBI [KAZAKHSTAN SCHOOLS]. Organ of the Ministry of Education of the Kazakh S.S.R. Alma-Ata, vol. 36, no. 12, Dec. 1961. [In Kazakh]

KUL'TURNO-PROSVETITEL'NAIA RABOTA [CULTURAL AND EDUCATIONAL WORK]. Organ of Ministerstvo kul'tury RSFSR [Ministry of Culture of the R.S.F.S.R.]. Moscow, vol. 22, nos. 6-7, June-July 1961.

NARODNOE OBRAZOVANIE [PUBLIC EDUCATION]. Issued by Ministerstvo prosveshchenila RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, no. 1, Jan. 1962

NOUKOGUDE KOOL [SOVIET SCHOOL]. Issued by Eesti Noukogude Sotsialistliku Vabariigi Haridusministeerium [Ministry of Education of the Estonian S.S.R.] Tallinn, vol. 20, no. 2, Feb. 1962. [In Estonian]

RADIANS'KA SHKOLA [SOVIET SCHOOL]. Organ of Ministerstvo osvity Ukrains'koi RSR [Ministry of Education of the Ukrainian S.S.R.]. Kiev, vol 40, no. 1, Jan. 1961

SEM'IA I SHKOLA [FAMILY AND SCHOOL] Issued by Akademiia pedagogicheskikh nauk RSFSR [Academy of Pedagogical Sciences of the R S F S.R.]. Moscow, vol 16, no 12, Dec 1961

SREDNEE SPETSIAL'NOE OBRAZOVANIE [SECONDARY SPECIALIZED EDUCATION]. Organ of Ministerstvo vysshego i srednego spetsial'nogo obrazovanila SSSR [Ministry of Higher and Secondary Specialized Education of the U.S.S.R.] Moscow, vol 9, no 1, Jan 1962

TARYBINE MOKYKLA [SOVIET SCHOOL]. Issued by Lietuvos TSR Svietimo ministerija [Ministry of Education of the Lithuanian S.S.R.]. Vilnius, no.12, Dec. 1961, no.1, Jan. 1962. [In Lithuanian]

VECHERNIAIA SREDNIAIA SHKOLA [EVENING SECONDARY SCHOOL] Issued by Ministerstvo prosveshchenila RSFSR [Ministry of Education of the R S F S R.]. Moscow, vol 4, no 6, Nov -Dec. 1961.

VESTNIK VYSSHEI SHKOLY [REVIEW OF SCHOOLS FOR HIGHER EDUCATION]. Organ of Ministerstvo vysshego i srednego spetsial'nogo obrazovanila SSSR [Ministry of Higher and Secondary Specialized Education of the U.S.S.R.]. Moscow, vol 20, no. 1, Jan. 1962.

VOZHATYI [PIONEER GUIDE]. Published by TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi and TSentral'nyi sovet Vsesoiuznoi pionerskoi organizatsii imeni V. I. Lenina [Central Committee of the All-Union Communist Youth League of Lenin and the Central Council of the All-Union Lenin Pioneers]. Moscow, vol. 37, no. 12, Dec. 1961, vol. 38, no. 1, Jan. 1962.

b. PHYSICAL EDUCATION & GAMES

FIZICHESKAIA KUL'TURA V SHKOLE [PHYSICAL EDUCATION IN SCHOOLS]. Issued by Ministerstvo prosveshchenila RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, nos. 1-2, Jan. -Feb. 1962.

FIZKUL'TURA I SPORT [PHYSICAL EDUCATION AND SPORTS]. Organ of Soiuz sportivnykh tovarystv i organizatsii URSR [Union of Sports Associations and Organizations of the Ukrainian S.S.R.]. Kiev, no. 2, Feb. 1962.

FIZKUL'TURA I SPORT [PHYSICAL EDUCATION AND SPORTS]. Organ of TSentral'nyi Sovet Soiuza sportivnykh obshchestv i organizatsii SSSR [Central Council of the Union of Sports Associations and Organizations of the U.S.S.R.]. Moscow, vol. 41 [i. e. 32], no. 1(763), Jan. 1962.

KEHAKULTUUR [PHYSICAL CULTURE]. Organ of Eesti NSV Spordiuhingute ja -organisatsioonide Liit [Union of Sports of Associations and Organizations of the Estonian S.S.R.]. Tallinn, vol. 23, nos. 2(443)-3(444), Jan. -Feb. 1962. [In Estonian]

LEGKAIA ATLETIKA [TRACK AND FIELD ATHLETICS]. Organ of TSentral'nyi sovet Soiuza sportivnykh obshchestv i organizatsii SSSR [Central Council of the Association of Sports Societies and Organizations of the U.S.S.R.]. Moscow, vol. 8, no. 1(60), Jan. 1962.

SHAKHMATY V SSSR [CHESS IN THE U.S.S.R.]. Organ of Shakhmatnaia federatsiia SSSR [Chess Federation of the U.S.S.R.]. Moscow, vol. 39, no. 1, Jan. 1962.

SPORTIVNYE IGRY [ATHLETIC GAMES]. Organ of TSentral'nyi sovet Soiuza sportivnykh obshchestv i organizatsii SSSR [Central Council of the Association of Sports Societies and Organizations of the U.S.S.R.]. Moscow, vol. 7, no. 12(79), Dec. 1961; vol. 8, no. 1(80), Jan. 1962.

9. MUSIC, THEATER & MOTION PICTURES

a. MOTION PICTURES

ISKUSSTVO KINO [CINEMA ART]. Organ of Ministerstvo kul'tury SSSR and Soiuz rabotnikov kinematografii SSSR [Ministry of Culture of the U.S.S.R. and of the Association of Cinematographic Workers of the U.S.S.R.]. Moscow, no. 7, July 1961.

IZ ISTORII KINO [FROM THE HISTORY OF MOTION PICTURES]. Issued by Institut istorii iskusstv Akademii nauk SSSR [Institute of History of Fine Arts of the Academy of Sciences of the U.S.S.R.]. Moscow, vol 4, 1961.

KINOMEKHANIK [MOTION-PICTURE OPERATOR]. Organ of Ministerstvo kul'tury SSSR [Ministry of Culture of the U.S.S.R.]. Moscow, no. 1, Jan. 1962.

SOVETSKII EKRAN [THE SOVIET SCREEN]. Published by Izdatel'stvo [Publishing House] "Iskusstvo." Moscow, nos. 1(021)-3(123), Jan. -Feb. 1962.

TEKHNIKA KINO I TELEVIDENIIA [MOTION-PICTURE AND TELEVISION ENGINEERING] Organ of Ministerstvo kul'tury SSSR [Ministry of Culture of the U S S R.] Moscow, vol 6, no 1, Jan 1962

b. MUSIC

MUZYKAL'NAIA ZHIZN' [MUSICAL LIFE]. Organ of Soiuz kompozitorov SSSR and Ministerstvo kul'tury SSSR [Association of Composers of the U.S.S.R. and the Ministry of Culture of the U.S.S.R.]. Moscow, vol. 5, nos. 1-2, Jan. 1962.

SOVETSKAIA MUZYKA [SOVIET MUSIC] Organ of Soiuz kompozitorov SSSR and Ministerstvo kul'tury SSSR [Association of Composers of the U S S.R and the Ministry of Culture of the U S S.R.] Moscow, vol 25, nos 8, 12, Aug -Dec. 1961 vol 26, no 1, Jan 1962.

c. THEATER

KHUDOZHESTVENNAIA SAMODEIATEL'NOST' [AMATEUR ART ACTIVITIES]. Issued by Vsesoiuznyi TSentral'nyi Sovet Professional'nykh Soiuzov [All-Union Central Council of Trade Unions]. Moscow, vol. 5, nos. 1-2, Jan. -Feb. 1962.

MOLODEZHNAIA ESTRADA [YOUNG PEOPLE'S STAGE]. Published by "Molodaia gvardiia" ["Young guard"]. Moscow, no. 1(109), 1962.

SOLDATSKAIA ESTRADA [SOLDIERS' STAGE]. Moscow, no. 1(111), 1961.

TEATR [THEATER] Organ of Ministerstvo kul'tury SSSR and Soiuz pisatelei SSSR [Ministry of Culture of the U S S.R and Association of Writers of the U.S S R.] Moscow, vol 22, no. 8, Aug. 1961, vol. 23, no 1, Jan. 1962.

TEATRAL'NAIA ZHIZN' [LIFE OF THE THEATER]. Organ of Ministerstvo kul'tury RSFSR, Vsesoiuznoe teatral'noe obshchestvo, and Soiuz pisatelei RSFSR [Ministry of Culture of the R.S.F.S.R., All-Russian Theater Society, and the Association of Writers of the R.S.F.S.R.]. Moscow, no. 24, Dec. 1961; no. 4, Feb. 1962.

10. FINE ARTS

a. GENERAL

ISKUSSTVO [ART]. Organ of Ministerstvo kul'tury SSSR [Ministry of Culture of the U.S.S.R.] and others. Moscow, vol. 24, nos. 6, 12, 1961.

KHUDOZHNIK [ARTIST]. Issued by Soiuz khudozhnikov RSFSR [Association of Artists of the R.S.F.S.R.]. Moscow, vol. 5, no. 1, 1962.

LENINGRAD, ERMITAZH. Soobshchenila [HERMITAGE Reports]. No. 20, 1961.

MYSTETSTVO [ART]. Organ of Ministerstvo kul'tury URSR [Ministry of Culture of the Ukrainian S.S.R.] and others. Kiev, vol. 6, no. 6, Nov-Dec. 1961.

SOVETAKAN ARVEST [SOVIET ART]. Issued by Ministerstvo kul'tury Armianskoi SSR [Ministry of Culture of the Armenian S.S.R.]. Erivan, no. 12, 1961. [In Armenian]

TVORCHESTVO [CREATIVE WORK]. Issued by Soiuz khudozhnikov SSSR [Association of Artists of the U.S.S.R.]. Moscow, no. 1(61), 1962.

b. ARCHITECTURE

STROITEL'STVO I ARKHITEKTURA MOSKVY [CONSTRUCTION AND ARCHITECTURE IN MOSCOW]. Published by Ispolkom Moskovskogo gorodskogo Soveta deputatov trudiashchikhsia [Executive Committee of the Moscow City Soviet of Workers' Deputies]. Moscow, vol. 9 [i. e. 10], no. 9, Sep. 1961.

11. LANGUAGE, LITERATURE & FOLKLORE

a. LANGUAGE

INOSTRANNYE IAZYKI V SHKOLE [FOREIGN LANGUAGES IN SCHOOLS]. Issued by Ministerstvo prosveshchenila RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, no. 1, Jan. -Feb. 1962.

KEEL JA KIRJANDUS [LANGUAGE AND LITERATURE] Issued by Eesti NSV Teaduste Akadeemila and Eesti NSV Kirjanike Liit [Academy of Sciences of the Estonian S.S.R. and the Association of Writers of the Estonian S.S.R.]. Tallinn, vol. 5, no. 1, Jan. 196 [In Estonian]

NOVAIA INOSTRANNAIA LITERATURA PO IAZYKOZNANIIU [NEW FOREIGN LITERATURE IN LINGUISTICS]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Science of the U.S.S.R.]. Moscow, no. 11, 1961.

NOVAIA SOVETSKAIA LITERATURA PO IAZYKOZNANIIU [NEW SOVIET LITERATURE IN LINGUISTICS]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 11, 1961.

NOVOSIBIRSK. GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT. Uchenye zapiski [STATE PEDAGOGICAL INSTITUTE Studies]. No. 15, 1959 Sbornik rabot kafedr angliiskogo i nemetskogo iazykov [Collected Papers of the Departments of the English and German Languages]. No. 1

ROMANO-GERMANSKAIA FILOLOGIIA [ROMANCE AND GERMANIC PHILOLOGY]. Issued by Kafedra inostrannykh iazykov Akademii nauk SSSR [Department of Foreign Languages of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 3, 1961.

VOPROSY KUL'TURY RECHI [PROBLEMS IN SPEECH CULTURE] Issued by Institut russkogo iazyka Akademii nauk SSSR [Institute of the Russian Language of the Academy of Sciences of the U.S.S.R.] Moscow, no. 4, 1961.

b. LITERATURE & FOLKLORE

ASHKHABAD; literaturno-khudozhestvennyi i obshchestvenno-politicheskii zhurnal [ASHKHABAD; Literary and Sociopolitical Journal]. Organ of Soiuz pisatelei Turkmenistana [Association of Writers of Turkmenistan]. Ashkhabad, vol. 2, no. 6, 1961.

BAIKAL. Organ of Soiuz pisatelei and Ministerstvo kul'tury Buriatskoi ASSR [Association of Writers and the Ministry of Culture of the Buryat A.S.S.R.]. Ulan-Ude, vol. 7, no. 6, Nov. -Dec. 1961.

DNESTR [DNIESTER]. Organ of Soiuz pisatelei Moldavskoi SSR [Association of Writers of the Moldavian S.S.R.]. Kishinev, vol. 14, no. 12, 1961.

DNIPRO [DNIEPER]. Organ of TSentral'nyi komitet Leninskoho komunistychnoho soiuzu molodi Ukrainy [Central Committee of the All-Union Communist Youth League of the Ukraine]. Kiev, vol. 36, nos. 1-2, Jan. -Feb. 1962.

DROSHA [THE BANNER]. Published by the Publishing House of the Central Committee of the Communist Party of Georgia. Tiflis, no. 11(124), Nov. 1961. [In Georgian]

DRUZHBA NARODOV [FRIENDSHIP OF PEOPLES]. Organ of Soiuz pisatelei SSSR [Association of Writers of the U.S.S.R.]. Moscow, nos. 1-2, Jan. -Feb. 1962.

GULISTON [ROSE GARDEN]. Issued by Organ of Soiuz pisatelei Tadzhikistana [Association of Writers of Tajikistan]. Stalinabad, no. 4, Oct. -Dec. 1961.

ISKUSSTVENNYE SPUTNIKI ZEMLI [ARTIFICIAL EARTH SATELLITES]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, no. 11, 1961.

IUNOST' [YOUTH]. Issued by Soiuz pisatelei SSSR [Association of Writers of the U.S.S.R.]. Moscow, vol. 8, no. 1, Jan. 1962.

LITERATURA I ISKUSSTVO NARODOV SSSR I ZARUBEZHNYKH STRAN; bibliograficheskii biulleten' [LITERATURE AND ART OF THE PEOPLES OF THE U.S.S.R. AND FOREIGN COUNTRIES; Bibliographical Bulletin]. Issued by Vsesoiuznaia knizhnaia palata and Vsesoiuznaia gosudarstvennaia biblioteka inostrannoi literatury [All-Union Book Chamber and the All-Union State Library of Foreign Literature]. Moscow, no. 1, 1962.

LITERATURA SLAVIANSKIKH NARODOV [LITERATURE OF SLAVIC PEOPLES]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, no. 6, 1961.

LITERATURA V SHKOLE [LITERATURE IN SCHOOLS]. Organ of Ministerstvo prosveshchenila RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, vol. 23, no. 1, Jan.-Feb. 1962.

LITERATURA V SHKOLI [LITERATURE IN SCHOOLS]. Organ of Ministerstvo prosveshchenila USSR [Ministry of Education of the Ukrainian S.S.R.]. Kiev, vol. 12, no. 2, Mar.-Apr. 1962.

LITERATURNAIA GRUZIIA [LITERARY GEORGIA]. Organ of Soiuz pisatelei Gruzii [Association of Writers of Georgia]. Tiflis, vol. 5, no. 12, Dec. 1961.

LITERATURNYI ARKHIV [LITERARY ARCHIVES]. Issued by Institut russkoi literatury Akademii nauk SSSR [Institute of Russian Literature of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 6, 1961

LITERATURNYI AZERBAIDZHAN [LITERARY AZERBAIJAN]. Organ of Soiuz pisatelei Azerbaidzhana [Association of Writers of Azerbaijan]. Baku, vol. 20, no. 1, Jan. 1962.

MOKSHA, literaturno-khudozhestvennai i obshchestvenno-politicheskiai zhurnal [MOKSHA, Literary and Socio-political Almanac]. Saransk, no. 6, Nov.-Dec. 1961. [In Mordvinian]

MOLODAIA GVARDIIA; literaturno-khudozhestvennyi i obshchestvenno-politicheskii zhurnal [YOUNG GUARD; Literary and Sociopolitical Magazine]. Issued by TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, no. 1, Jan. 1962.

MOSTY; literaturno-khudozhestvennyi i obshchestvenno-politicheskii al'manakh [BRIDGES; Literary and Sociopolitical Almanac]. Issued by TSentral'noe ob"edinenie politicheskikh emigrantov iz SSSR [Central Association of Political Emigrants from the U.S.S.R.]. Munich, vol. 8, 1961.

NA RUBEZHE [AT THE FRONTIER]. Issued by Soiuz pisatelei Karel'skoi ASSR [Association of Writers of the Karelian A.S.S.R.]. Petrozavodsk, vol. 22, no. 6, Nov.-Dec. 1961.

NEMAN [NEMAN RIVER]. Organ of Soiuz pisatelei BSSR [Association of Writers of the White Russian S.S.R.]. Minsk, vol. 11, no. 1, Jan.-Feb. 1962.

NEVA. Organ of Soiuz pisatelei RSFSR and Leningradskoe otdelenie Soiuza pisatelei [Association of Writers of the R.S.F.S.R. and the Leningrad Branch of the Association of Writers]. Leningrad, nos. 6-7, 12, 1961.

NOVAIA INOSTRANNAIA LITERATURA PO LITERATUROVEDENIIU [NEW FOREIGN LITERATURE ON THE STUDY OF LITERATURE]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii Nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 11, 1961.

NOVAIA SOVETSKAIA LITERATURA PO LITERATUROVEDENIIU [NEW SOVIET LITERATURE ON THE

[illegible] Akademii nauk [illegible] Sciences of the [illegible] Moscow,

[illegible] RSFSR [illegible] ow.

RADIANS'KE LITERATUROZNAVSTVO [SOVIET LITERARY REVIEW]. Organ of Instytut literatury im. T. H. Shevchenka Akademii nauk URSR and Spilka pis'mennykiv Ukrainy [Shevchenko Institute of Literature of the Academy of Sciences of the Ukrainian S.S.R. and the Association of Writers of the Ukraine]. Kiev, vol. 5, no. 4, July-Aug. 1961, vol. 6, no. 1, Jan.-Feb. 1962.

SHARKI SURKH [THE RED EAST]. Organ of the Association of Writers of Tajikistan. Stalinabad, no. 12, Dec. 1961. [In Tajik]

SOVET ĔDĔBIIATY [SOVIET LITERATURE]. Organ of Soiuz pisatelei Tatarii [Association of Writers of Tataria]. Kazan, vol. 10, no. 1, Jan. 1962. [In Tatar]

SOVET ĖDEBIIATY [SOVIET LITERATURE]. Organ of Soiuz sovetskikh pisatelei TSSR [Association of Writers of the Turkmen S.S.R.]. Ashkhabad, no. 1, Jan. 1962. [In Turkmen]

SOVETAKAN GRAKANUTIUN [SOVIET LITERATURE]. Organ of the Association of Soviet Writers of Armenia. Erivan, no. 12, 1961. [In Armenian]

SOVETSKAIA PECHAT' [SOVIET PRESS] Issued by Soiuz zhurnalistov SSSR [Association of Journalists of the U.S.S.R.] Moscow, no. 1, Jan. 1962

SOVREMENNAIA DRAMATURGIIA [CONTEMPORARY DRAMATURGY]. Published by Gosudarstvennoe izdatel'stvo [State Publishing House] "Iskusstvo." Moscow, vol. 2(24), 1961.

SUCHASNIST', literatura, mystetstvo, suspil'ne zhyttia [OUR TIME, Literature, Art, and Social Problems]. Munich, vol. 2, no. 2(14), Feb. 1962.

VITCHYZNA [OUR COUNTRY]. Organ of Spilka pys'mennykiv Ukrainy [Association of Writers of the Ukraine]. Kiev, no. 2, Feb. 1962

VOPROSY LITERATURY [PROBLEMS OF LITERATURE] Issued by Soiuz pisatelei SSSR and Institut mirovoi literatury Akademii nauk SSSR [Association of Writers of the U.S.S.R. and the Institute of World Literature of the Academy of Sciences of the U.S.S.R.]. Moscow, vol. 5, nos. 7-8, July-Aug. 1961.

12. GEOGRAPHY & GEOLOGY

a. ETHNOLOGY

SOVETSKAIA ETNOGRAFIIA [SOVIET ETHNOGRAPHY]. Issued by Institut etnografii Akademii nauk SSSR [Institute of Ethnography of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 5-6, Sep.-Dec. 1961.

b. GEOGRAPHY

AKADEMIIA NAUK SSSR. Institut okeanologii. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Oceanography. Transactions]. Moscow, vols. 48-50, 1961.

AKADEMIIA NAUK SSSR. Okeanograficheskaia komissiia. Biulleten' [ACADEMY OF SCIENCES OF THE U.S.S.R. Oceanographic Commission. Bulletin]. Moscow, no. 8, 1961.

AKADEMIIA NAUK SSSR. Okeanograficheskaia komissiia. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Oceanographic Commission. Transactions]. Moscow, vol. 12, 1961.

GEOGRAFICHESKOE OBSHCHESTVO SSSR. Geograficheskii sbornik [GEOGRAPHIC SOCIETY OF THE U.S.S.R. Geographical Papers]. Moscow, no. 14, 1961.

GEOGRAFICHESKOE OBSHCHESTVO SSSR. Izvestiia [GEOGRAPHIC SOCIETY OF THE U.S.S.R. Bulletin]. Moscow, vol. 93, no. 6, Nov.-Dec. 1961.

GEOGRAFIIA V SHKOLE [GEOGRAPHY IN SCHOOLS]. Issued by Ministerstvo prosveshchenila RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, vol. 25, no. 1, Jan.-Feb. 1962.

MOSCOW. GOSUDARSTVENNYI OKEANOGRAFICHESKII INSTITUT. Trudy [STATE OCEANOGRAPHICAL INSTITUTE. Transactions]. No. 62, 1961.
Contents: Vilenskii, IA.G., Glukhovskii, B. Kh. [Wind waves in the ocean; results of research and observational data on wave elements and winds in the northern part of the Atlantic Ocean] Volnovoe volnenie v okeane; rezul'taty issledovanii i materialy nabliudenii nad elementami voln i vetrom v severnoi chasti Atlanticheskogo okeana. 102 p.

OKEANOLOGIIA [OCEANOLOGY]. Issued by Okeanograficheskaia komissiia Akademii nauk SSSR [Oceanographic Commission of the Academy of Sciences of the U.S.S.R.]. Moscow, vol. 1, no. 6, 1961.

PROBLEMY ARKTIKI I ANTARKTIKI [PROBLEMS OF THE ARCTIC AND THE ANTARCTIC]. Issued by Arkticheskii i antarkticheskii nauchno-issledovatel'skii institut [Arctic and Antarctic Scientific Research Institute]. Leningrad, no. 9, 1961.

*PROBLEMY SEVERA [PROBLEMS OF THE NORTH]. Issued by Komissiia po problemam Severa Soveta po izucheniiu proizvoditel'nykh sil Akademii nauk SSSR [Commission on the Problems of the North of the Council on the Study of Productive Forces of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 4, 1961.

REFERATIVNYI ZHURNAL· GEOGRAFIIA [JOURNAL OF ABSTRACTS· GEOGRAPHY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 1, Jan. 1962.

VOPROSY GEOGRAFII [PROBLEMS OF GEOGRAPHY] Published by Moskovskii filial Geograficheskogo obshchestva SSSR [Moscow Chapter of the Geographic Society of the U.S.S.R.] Moscow, no. 55, 1961.

c. GEOLOGY & PALEONTOLOGY

AKADEMIIA NAUK ARMIANSKOI SSR, Erivan. Izvestiia. Geologicheskie i geograficheskie nauki [ACADEMY OF SCIENCES OF THE ARMENIAN S.S.R. Bulletin. Geological and Geographical Sciences]. Erivan, vol. 14, no. 5, 1961.

AKADEMIIA NAUK AZERBAIDZHANSKOI SSR, Baku. Izvestiia. Seriia geologo-geograficheskikh nauk i nefti [ACADEMY OF SCIENCES OF THE AZERBAIJAN S.S.R. Bulletin. Series in the Geological and Geographical Sciences and Petroleum]. Baku, nos. 3-5, 1961.

AKADEMIIA NAUK SSSR. Izvestiia. Seriia geologicheskaia [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin. Geological Series]. Vol. 27, nos. 1-2, Jan.-Feb. 1962.

AKADEMIIA NAUK SSSR. Institut geologii rudnykh mestorozhdenii, petrografii, mineralogii i geokhimii. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of the Geology of Ore Deposits, Petrology, Mineralogy, and Geochemistry. Transactions]. Moscow, no. 48, 1961

AKADEMIIA NAUK SSSR. Institut geologii rudnykh mestorozhdenii, petrografii, mineralogii i geokhimii. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of the Geology of Ore Deposits, Petrology, Mineralogy, and Geochemistry. Transactions]. Moscow, no. 60, 1961.
Contents: Kononova, V.A. [Urtite-iolite intrusives of southeastern Tuva and their genesis] Urtit-iolitovye intruzii iugo-vostochnoi Tuvy i nekotoryе voprosy ikh genezisa. 100 p.

AKADEMIIA NAUK SSSR. Komissiia po opredeleniiu absoliutnogo vozrasta geologicheskikh formatsii. Biulleten' [ACADEMY OF SCIENCES OF THE U.S.S.R. Commission on Determination of the Absolute Age of Geological Formations. Bulletin]. Moscow, no. 4, 1961.

AKADEMIIA NAUK SSSR. Laboratoriia geologii dokembriia. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Laboratory of the Geology of the Pre-Cambrian. Transactions]. Moscow, no. 13, 1961.
Contents: Eliseev, N.A., Nikol'skii, A.P., Kushev, V.G. [Metasomatites of the Krivoy Rog ore belt] Metasomatity Krivorozhskogo rudnogo poiasa. 204 p.

AKADEMIIA NAUK SSSR. Laboratoriia gidrogeologicheskikh problem. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Laboratory for Hydrogeological Problems. Transactions]. Moscow, vol. 31, 1961.
Contents: Kolodiazhnaia, A.A., and others. [Formation of underground waters in the region of bauxite deposits in the Northern Urals] Formirovanie podzemnykh vod raiona Severoural'skikh boksitovykh mestorozhdenii. 143 p.
Vol. 35, 1961.

AKADEMIIA NAUK SSSR. Sibirskoe otdelenie. Institut geologii i geofiziki. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Siberian Department. Institute of Geology and Geophysics. Transaction]. No. 6, 1961.
Contents: Pinus, G.V. [Tannu-Ola intrusive complex (Tuva)] Tannuol'skii intruzivnyi kompleks (Tuva). 109 p.

No. 7, 1961.
Contents. Pinus, G. V. [Lower Cambrian vulcanism of Tuva] Nizhnekembriiskii vulkanizm Tuvy 117 p.

LENINGRAD. VSESOIUZNYI GEOLOGICHESKII INSTITUT. Informatsionnyi sbornik [ALL-UNION GEOLOGICAL INSTITUTE. Information Bulletin]. No. 42, 1961.

MOSCOW. MOSKOVSKII GEOLOGORAZVEDOCHNYI INSTITUT Trudy [MOSCOW GEOLOGICAL PROSPECTING INSTITUTE. Transactions] Vol. 37, 1961

REFERATIVNYI ZHURNAL: GEOLOGHIA [JOURNAL OF ABSTRACTS: GEOLOGY] Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 1, Jan. 1962; Avtorskii ukazatel' za 1960 g. [Author Index for 1960]

VOPROSY GEOMORFOLOGII I GEOLOGII OSADOCHNOGO POKROVA KOL'SKOGO POLUOSTROVA [PROBLEMS IN THE GEOMORPHOLOGY AND GEOLOGY OF THE SEDIMENTARY COVER OF THE KOLA PENINSULA] Issued by Kol'skii filial Akademii nauk SSSR [Kola Branch of the Academy of Sciences of the U S S R] Apatity, vol 1, 1960.

13. SCIENCE

a. GENERAL

AKADEMIIA NAUK ARMIANSKOI SSR, Erivan. Doklady [ACADEMY OF SCIENCES OF THE ARMENIAN S.S.R. Reports]. Erivan, vol. 33, no. 4, 1961.

AKADEMIIA NAUK ARMIANSKOI SSR, Erivan. Izvestiia. Seriia fiziko-matematicheskikh nauk [ACADEMY OF SCIENCES OF THE ARMENIAN S.S.R. Bulletin. Series in Physical and Mathematical Sciences]. Erivan, vol. 14, no. 6, 1961.

*AKADEMIIA NAUK SSSR. Doklady [ACADEMY OF SCIENCES OF THE U.S.S.R. Reports]. Moscow, vol. 142, no. 3, Jan. 1962.

AKADEMIIA NAUK SSSR. Institut istorii estestvoznaniia i tekhniki. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of the History of Natural Sciences and Technology. Transactions]. Moscow, no. 43, 1961

AKADEMIIA NAVUK BSSR, Minsk. Doklady [ACADEMY OF SCIENCES OF THE WHITE RUSSIAN S.S.R. Reports]. Minsk, vol. 5, nos. 11-12, Nov.-Dec. 1961.

FAN VA TURMUSH [SCIENCE AND LIFE]. Issued by Akademiia nauk Uzbekskoi SSR [Academy of Sciences of the Uzbek S.S.R.]. Tashkent, no. 1(59), Jan. 1962. [In Uzbek]

NAUKA I ZHIZN' [SCIENCE AND LIFE]. Issued by Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii [All-Union Society for Dissemination of Political and Scientific Knowledge]. Moscow, vol. 28, no. 10, Oct. 1961.

NAUKA I ZHYTTIA [SCIENCE AND LIFE]. Published by Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR [Society for Dissemination of Political and Scientific Knowledge of the Ukrainian S.S.R.]. Kiev, vol. 11, no. 10(127), Oct. 1961.

NOVYE KNIGI ZA RUBEZHOM. Seriia A: Matematika, mekhanika, astronomiia, fizika, geofizika, khimiia, geologiia [NEW FOREIGN BOOKS. Series A: Mathematics, Mechanics, Astronomy, Physics, Geophysics, Chemistry, Geology]. Published by Izdatel'stvo inostrannoi literatury [Publishing House of Foreign Literature]. Moscow, vol. 15, nos. 1-2, Jan.-Feb. 1962.

PRIRODA [NATURE]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 51, no. 1, Jan. 1962.

*PROBLEMY KIBERNETIKI [PROBLEMS OF CYBERNETICS]. Published by Gosudarstvennoe izdatel'stvo fiziko-matematicheskoi literatury [State Publishing House of Physicomathematical Literature]. Moscow, no. 6, 1961.

ZNANIE - SILA [KNOWLEDGE IS POWER]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po professional'no-tekhnicheskomu obrazovaniiu [State Committee of the Council of Ministers of the U.S.S.R. for Industrial Training]. Moscow, vol. 36, no. 12, Dec. 1961; vol. 37, no. 1, Jan 1962.

ZNANNIA TA PRATSIA [KNOWLEDGE AND WORK]. Issued by TSentral'nyi komitet Lenins'koho komunistychnoho soiuza molodi Ukrainy [Central Committee of the Ukrainian Communist Youth League of Lenin]. Kiev, no. 1(263), Jan. 1962.

b. ASTRONOMY

BYURAKAN. OBSERVATORIIA Soobshcheniia [OBSERVATORY Reports]. Erivan, no 29, 1961

*GEODEZIIA I KARTOGRAFIIA [GEODESY AND CARTOGRAPHY]. Issued by Glavnoe upravlenie geodezii i kartografii Ministerstva geologii i okhrany nedr SSSR [Main Administration of Geodesy and Cartography of the Ministry of the Geology and Protection of Mineral Resources of the U.S.S.R.]. Moscow, nos. 11-12, Nov.-Dec. 1961, no. 1, Jan. 1962.

PULKOVO. GLAVNAIA ASTRONOMICHESKAIA OBSERVATORIIA Trudy [MAIN ASTRONOMICAL OBSERVATORY Transactions] Leningrad, ser. 2, vol. 73, 1961.

REFERATIVNYI ZHURNAL: ASTRONOMIIA I GEODEZIIA [JOURNAL OF ABSTRACTS: ASTRONOMY AND GEODESY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 1, Jan. 1962.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, geodeziia i aerofotos"emka [Ministry of Higher and Secondar Specialized Education. Bulletin of the Institutions of Higher Learning, Geodesy and Aerial Photography]. Moscow, no. 4, 1961.

c. BIOLOGY

AKADEMIIA NAUK AZERBAIDZHANSKOI SSR, Baku. Izvestiia. Seriia biologicheskikh i meditsinskikh nauk ACADEMY OF SCIENCES OF THE AZERBAIJAN S.S.R. Bulletin. Series in the Biological and Medical Sciences]. Baku, no. 10, 1961.

AKADEMIIA NAUK AZERBAIDZHANSKOI SSR, Baku. Sektor fiziologii. Trudy [ACADEMY OF SCIENCES OF THE AZERBAIJAN S.S.R. Sector of Physiology. Transactions]. Baku, vol. 4, 1960.

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Karagandinskii botanicheskii sad Trudy [ACADEMY OF SCIENCES OF THE KAZAKH S.S.R. Karaganda Botanical Garden. Transactions]. Alma-Ata, vol. 1, 1960.

AKADEMIIA NAUK SSSR. Botanicheskii institut. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Botanical Institute. Transactions. Ser. 3. Geobotanika [Geobotany], no. 13; Ser. 5. Rastitel'nye Syr'e [Plant Resources], no. 9. Moscow, 1961.

AKADEMIIA NAUK SSSR. Gel'mintologicheskaia laboratoriia. Osnovy nematodologii [ACADEMY OF SCIENCES OF THE U.S.S.R. Helminthological Laboratory. Principles of Nematodology]. Moscow, vol. 19, 1961.
Contents: Skrinbin, K.I., Shikhobalova, N.P. Lagodovskaia, E.A. [Oxyurata of animals and man] Oksiuraty zhivotnykh i cheloveka. 499 p.

AKADEMIIA NAUK TURKMENSKOI SSR, Ashkhabad. Izvestiia. Seriia biologicheskikh nauk [ACADEMY OF SCIENCES OF THE TURKMEN S.S.R. Bulletin. Series in the Biological Sciences]. Ashkhabad, no. 6, 1961.

ARKHIV ANATOMII, GISTOLOGII I EMBRIOLOGII [ARCHIVES OF ANATOMY, HISTOLOGY, AND EMBRYOLOGY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 41, no. 9, Sep. 1961.

* BIOFIZIKA [BIOPHYSICS]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 6, no. 6, 1961.

BIOLOGIIA V SHKOLE [BIOLOGY IN SCHOOLS]. Organ of Ministerstvo prosveshcheniia RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, no. 1, Jan.-Feb. 1962.

BOTANICHESKII ZHURNAL [BOTANICAL JOURNAL]. Organ of Vsesoiuznoe botanicheskoe obshchestvo [All-Union Botanical Society]. Moscow, vol. 46, nos. 8, 12, Aug., Dec. 1961.

*FIZIOLOGICHESKII ZHURNAL SSSR [PHYSIOLOGICAL JOURNAL OF THE U.S.S.R.]. Issued by Vsesoiuznoe fiziologicheskoe obshchestvo [All-Union Physiological Society]. Moscow, vol. 47, nos. 6-7, 10, 12, June-July, Oct., Dec. 1961.

ISSLEDOVANIIA PO GENETIKE [STUDIES ON GENETICS]. Issued by Leningradskii gosudarstvennyi universitet [Leningrad State University]. Leningrad, no. 1, 1961.

IUNYI NATURALIST [YOUNG NATURALIST] Issued by TSentral'nyi komitet Vsesoiuznogo Leninskogo kommunisticheskogo soiuza molodezhi and TSentral'nyi sovet Vsesoiuznoi pionerskoi organizatsii imeni V.I. Lenina [Central Committee of the All-Union Communist Youth League of Lenin and Central Council of the All-Union Lenin Pioneers] Moscow, no. 12, Dec. 1961; no. 1, Jan. 1962.

KHIMIIA BELKA [PROTEIN CHEMISTRY]. Issued by Laboratoriia khimii belka Khimicheskogo fakul'teta Moskovskogo gosudarstvennogo universiteta [Laboratory of Protein Chemistry of the Chemistry Faculty of Moscow State University]. Moscow, no. 1, 1961. [MICROFILM]

REFERATIVNYI ZHURNAL: BIOLOGHIA [JOURNAL OF ABSTRACTS: BIOLOGY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R. Moscow, no. 2, Jan. 1962.

SBORNIK RABOT PO EKOLOGII I SISTEMATIKE ZHIVOTNYKH [COLLECTED PAPERS ON ANIMAL ECOLOGY AND SYSTEMATICS]. Issued by Kafedra zoologii Orekhovo-Zuevskogo pedagogicheskogo instituta [Department of Zoology of the Orekhovo Zuyevo Pedagogical Institute]. Moscow, no. 1, 1959.

SBORNIK RABOT PO ICHTIOLOGII I GIDROBIOLOGII [PAPERS ON ICHTHYOLOGY AND HYDROBIOLOGY]. Issued by Akademiia nauk Kazakhskoi SSR [Academy of Sciences of the Kazakh S.S.R.] Alma-Ata, no. 3, 1961

VSEROSSIISKOE OBSHCHESTVO SODEISTVIIA OKHRANE PRIRODY I OZELENENIIU NASELENNYKH PUNKTOV. Moskovskoe oblastnoe otdelenie. Akvarium [ALL-RUSSIAN SOCIETY FOR COOPERATION IN CONSERVATION AND THE LANDSCAPING OF POPULATED PLACES Moscow Province Branch. Aquarium]. Moscow, no. 1, 1960.

VSESOIUZNOE BOTANICHESKOE OBSHCHESTVO. Belorusskoe otdelenie. Sbornik botanicheskikh rabot [ALL-UNION BOTANICAL SOCIETY. White Russian Branch. Botanical Papers]. Minsk, no. 2, 1960.

VSESOIUZNOE GIDROBIOLOGICHESKOE OBSHCHESTVO. Trudy [ALL-UNION HYDROBIOLOGICAL SOCIETY Transactions]. Moscow, vol. 11, 1961.

MOSCOW. GLAVNYI BOTANICHESKII SAD, Pushkinskoe. Trudy [MAIN BOTANICAL GARDEN. Transactions]. Vol. 3, 1961.

MOSCOW. UNIVERSITET Vestnik. Seriia 6: Biologiia, pochvovedenie [UNIVERSITY. Review Series 6: Biology, Soil Science]. Vol. 16, no. 6, Nov.-Dec. 1961 vol. 17, no. 1, Jan.-Feb. 1962.

*VOPROSY VIRUSOLOGII [PROBLEMS OF VIROLOGY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 6, [i.e. 7], no. 5, Sep.-Oct. 1961.

A'

*A

Ki

Mi

Ri

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, khimiia i khimicheskaia tekhnologiia [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Chemistry and Chemical Technology]. Moscow, vol. 4, no. 4, 1961.

*ZHURNAL STRUKTURNOI KHIMII [JOURNAL OF STRUCTURAL CHEMISTRY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.] Moscow, vol. 2, no 3, May-June 1961

e. MATHEMATICS

MATEMATICHESKII SBORNIK [MATHEMATICAL REVIEW]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 56(98), no. 1, Jan. 1962.

MOSCOW UNIVERSITET. Vestnik Seriia 1: Matematika, mekhanika [UNIVERSITY. Review Series 1 Mathematics, Mechanics] Vol 17, no 1, Jan.-Feb 1962

PRIKLADNAIA MATEMATIKA I MEKHANIKA [APPLIED MATHEMATICS AND MECHANICS]. Published by Institut mekhaniki Otdeleniia tekhnicheskikh nauk Akademii nauk SSSR [Mechanics Institute of the Technological Sciences Department of the Academy of Sciences of the U.S.S.R.]. Moscow, vol. 26, no. 1, Jan.-Feb. 1962.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; matematika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Mathematics]. Moscow, no. 1(26), 1962.

f. PHYSICS

CHEKHOSLOVATSKII FIZICHESKII ZHURNAL. CZECHOSLOVAK JOURNAL OF PHYSICS. Issued by Chekhoslovatskaia akademiia nauk [Czechoslovak Academy of Sciences]. Prague, vol. 12, nos. 1-2, 1962.

GEOMAGNETIZM I AERONOMIIA [GEOMAGNETISM AND AERONOMY] Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 1, no. 5, Sep.-Oct. 1961.

KIEV. UKRAINSKII NAUCHNO-ISSLEDOVATEL'SKII GIDROMETEOROLOGICHESKII INSTITUT. Trudy [UKRAINIAN SCIENTIFIC RESEARCH HYDROMETEOROLOGICAL INSTITUTE. Transactions] No 30, 1961

LENINGRAD GLAVNAIA GEOFIZICHESKAIA OBSERVATORIIA. Trudy [MAIN GEOPHYSICAL OBSERVATORY. Transactions]. Nos. 111, 116, 1961

METEOROLOGIIA I GIDROLOGIIA [METEOROLOGY AND HYDROLOGY]. Issued by Glavnoe upravlenie gidrometeorologicheskoi sluzhby pri Sovete Ministrov SSSR [Main Administration of Hydrometeorological Service, Attached to the Council of Ministers of the U.S.S.R.]. Leningrad, no. 1, Jan. 1962.

MOSCOW. NAUCHNO-ISSLEDOVATEL'SKII INSTITUT AEROKLIMATOLOGII. Trudy [SCIENTIFIC RESEARCH INSTITUTE OF AEROCLIMATOLOGY. Transactions]. Moscow, no 14, 1961.

14. MEDICINE

a GENERAL

AKADEMIIA MEDITSINSKIKH NAUK SSSR, Moscow Vestnik [ACADEMY OF MEDICAL SCIENCES OF THE U.S.S.R. Journal] Moscow, vol. 16, no 6, 1961

AZERBAICHAN TIBB ZHURNALY. AZERBAIDZHANSKII MEDITSINSKII ZHURNAL [AZERBAIJAN MEDICAL JOURNAL]. Issued by Azerbaichan SSR Sehlle nazirliti [Azerbaijan Ministry of Health]. Baku, no. 7, July 1961.
(DNLM)

*BIULLETEN' EKSPERIMENTAL'NOI BIOLOGII I MEDITSINY [BULLETIN OF EXPERIMENTAL BIOLOGY AND MEDICINE]. Issued by Akademiia meditsinskikh nauk SSSR [Academy of Medical Sciences of the U.S.S.R.]. Moscow, vol. 52, nos. 8, 10, Aug., Oct. 1961.

CHITA. INSTITUT EPIDEMIOLOGII, MIKROBIOLOGII I GIGIENY. Nauchnye zapiski [INSTITUTE OF EPIDEMIOLOGY, MICROBIOLOGY, AND HYGIENE. Studies]. No. 5, 1959.
Contents: Essel', A.E [Problems in the biology of the causative agent of diphtheria] Voprosy biologii vozbuditelia difterii. 189 p.

KARDIOLOGIIA [CARDIOLOGY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 1, nos. 2, 6, Mar.-Apr., Nov.-Dec. 1961.
(DNLM)

KLINICHESKAIA MEDITSINA [CLINICAL MEDICINE] Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, no. 1, 1962.
(DNLM)

MEDITSINSKAIA RADIOLOGIIA [MEDICAL RADIOLOGY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 6, nos. 6-7, 9, 1961, no. 1, 1962.
(DNLM)

*MEDITSINSKII REFERATIVNYI ZHURNAL [MEDICAL ABSTRACTS]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, Razdel [Section] 1, vol. 6, no. 1, Jan. 1962; Razdel [Section] 2, vol. 6, no. 2, Feb. 1962; Razdel [Section] 3, vol. 6, no. 2, Feb. 1962, Razdel [Section] 4, vol. 6, no. 2, Feb. 1962, Razdel [Section] 5, vol. 6, no. 2, Feb. 1962, Razdel [Section] 6, vol. 6, no. 2, Feb. 1962, Razdel [Section] 7, vol. 6, nos. 1-2, Jan.-Feb. 1962, Razdel [Section] 8, vol. 6, nos. 1-2, Jan.-Feb. 1962, Razdel [Section] 10, vol. 6, nos. 1-2, Jan.-Feb. 1962.

MEDITSINSKII ZHURNAL UZBEKISTANA [MEDICAL JOURNAL OF UZBEKISTAN]. Issued by Ministerstvo zdravookhraneniia and Akademiia nauk UzSSR [Ministry of Health of the Uzbek S.S.R. and the Academy of Sciences of the Uzbek S.S.R.]. Tashkent, nos. 6-8 June-Aug. 1961.

PEZIRIA SENETETSII [HEALTH SERVICE]. Organ of the Ministry of Health of the Moldavian S.S.R. Kishinev, vol. 4, no. 5, Sep.-Oct. 1961. [In Moldavian]

PROBLEMY TUBERKULEZA [PROBLEMS OF TUBERCULOSIS]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, no. 5, 1961.
(DNLM)

RUSSIA (1917- R.S.F.S.R.) Ministerstvo zdravookhraneniia. Uchenyi meditsinskii sovet. Biulleten' [Ministry of Health. Learned Medical Council. Bulletin]. Moscow, vol. 2, no. 6, Nov.-Dec. 1961.

SOVETSKAIA MEDITSINA [SOVIET MEDICINE]. Organ of Ministerstvo zdravookhraneniia RSFSR [Ministry of Health of the R.S.F.S.R.]. Moscow, vol 25, nos. 6-10, June-Oct. 1961

SOVETSKOE ZDRAVOOKHRANENIE [SOVIET HEALTH SERVICE]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.] Moscow, vol. 20, nos 7-8, 1961

VESTNIK RENTGENOLOGII I RADIOLOGII [REVIEW OF ROENTGENOLOGY AND RADIOLOGY]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 36, no. 5, Sep.-Oct. 1961

*VOENNO-MEDITSINSKII ZHURNAL [JOURNAL OF MILITARY MEDICINE]. Issued by Voenno-meditsinskoe upravlenie Ministerstva oborony SSSR [Military Medicine Administration of the Ministry of Defense of the U.S.S.R.]. Moscow, no. 7, July 1961.

*VOPROSY ONKOLOGII [PROBLEMS OF ONCOLOGY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol 7, nos. 5, 8, 12, 1961
(DNLM)

VRACHEBNOE DELO [MEDICAL PRACTICE]. Organ of Ministerstvo zdravookhraneniia USSR [Ministry of Health of the Ukrainian S.S.R.]. Kiev, nos. 6, 12, June, Dec 1961.

ZDRAVOOKHRANENIE ROSSIISKOI FEDERATSII [HEALTH SERVICE OF THE RUSSIAN FEDERATION]. Issued by Ministerstvo zdravookhraneniia RSFSR [Ministry of Health of the R.S.F.S.R.]. Moscow, vol 5, no 12, Dec 1961.

ZDRAVOOKHRANENIE TADZHIKISTANA [HEALTH SERVICE OF TAJIKISTAN]. Issued by Ministerstvo zdravookhraneniia Tadzhikskoi SSR [Ministry of Health of the Tajik S.S.R.]. Stalinabad, vol. 8, nos. 5(43)-6(44), Sep.-Dec. 1961

b GYNECOLOGY, OBSTETRICS & PEDIATRICS

AKUSHERSTVO I GINEKOLOGIIA [OBSTETRICS AND GYNECOLOGY] Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, no. 5, 1961.
(DNLM)

PEDIATRIIA [PEDIATRICS]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 40, no. 12, Dec. 1961, no. 1, 1962.
(DNLM)

VOPROSY OKHRANY MATERINSTVA I DETSTVA [PROBLEMS OF MOTHER AND CHILD CARE]. Issued by Ministerstvo zdravookhraneniia RSFSR [Ministry of Health of the R.S.F.S.R.] Moscow, vol 6, no 8, Aug. 1961.

c. NEUROLOGY & PSYCHIATRY

MOSCOW. GOSUDARSTVENNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT PSIKHIATRII. Trudy [STATE SCIENTIFIC RESEARCH INSTITUTE OF PSYCHIATRY. Transactions] Moscow, vol 22, 1960

*ZHURNAL VYSSHEI NERVNOI DEIATEL'NOSTI [JOURNAL OF THE HIGHER NERVOUS FUNCTION]. Published by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol 11, no. 5, Sep.-Oct. 1961

d OPHTHALMOLOGY & OTORHINOLARYNGOLOGY

VESTNIK OTORINOLARINGOLOGII [REVIEW OF OTORHINOLARINGOLOGY]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, no. 6, 1961.
(DNLM)

ZHURNAL USHNYKH, NOSOVYKH I GORLOVYKH BOLEZNEI [JOURNAL OF EAR, NOSE, AND THROAT DISEASES] Issued by Ministerstvo zdravookhraneniia USSR [Ministry of Health of the Ukrainian S.S.R.]. Kiev, vol. 21, nos 4-5, July-Oct 1961.

e PATHOLOGY & THERAPEUTICS

ARKHIV PATOLOGII [ARCHIVES OF PATHOLOGY]. Published by Akademiia meditsinskikh nauk SSSR [Academy of Medical Sciences of the U.S.S.R.]. Moscow, no. 1, 1962.
(DNLM)

*PROBLEMY GEMATOLOGII I PERELIVANIIA KROVI [PROBLEMS OF HEMATOLOGY AND BLOOD TRANSFUSION]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, no. 11, 1961; no. 2, 1962.
(DNLM)

TERAPEVTICHESKII ARKHIV [THERAPEUTIC ARCHIVES]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol 33, nos. 6, 8, 10, 1961.
(DNLM)

VOPROSY KURORTOLOGII, FIZIOTERAPII I LECHEBNOI FIZICHESKOI KUL'TURY [PROBLEMS OF RESORT THERAPY, PHYSICAL THERAPY, AND THERAPEUTIC PHYSICAL CULTURE]. Moscow, vol. 24, no. 6, Nov.-Dec. 1959; vol. 26, nos. 4, 6, July-Aug., Nov.-Dec. 1961.
(DNLM)

f. PHARMACY & MATERIA MEDICA

*ANTIBIOTIKI [ANTIBIOTICS]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 6, no. 6, June 1961.

*FARMAKOLOGIIA I TOKSIKOLOGIIA [PHARMACOLOGY AND TOXICOLOGY]. Issued by Akademiia meditsinskikh nauk SSSR [Academy of Medical Sciences of the U.S.S.R.], Moscow, vol. 24, no. 3, May-June 1961.

PERM. FARMATSEVTICHESKII INSTITUT. Trudy [PHARMACEUTICAL INSTITUTE. Transactions]. No. 1, 1959.

VITAMINNYE RESURSY I IKH ISPOL'ZOVANIE [VITAMIN RESOURCES AND THEIR UTILIZATION]. Moscow. no. 5, 1961.

g. PUBLIC HEALTH & NURSING

LENINGRAD. SANITARNO-GIGIENICHESKII MEDITSINSKII INSTITUT. Trudy [MEDICAL INSTITUTE OF SANITATION AND HYGIENE. Transactions]. Vol. 63, 1960.

h. SURGERY & DENTISTRY

STOMATOLOGIIA [STOMATOLOGY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 39, no. 6, Nov.-Dec. 1960.
(DNLM)

VESTNIK KHIRURGII [REVIEW OF SURGERY]. Issued by Khirurgicheskoe obshchestvo Pirogova [Pirogov Surgical Society]. Leningrad, nos. 5-6, 8, 1961, no. 1, 1962.
(DNLM)

VOPROSY NEIROKHIRURGII [PROBLEMS OF NEUROSURGERY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 25, no. 1, 1962.
(DNLM)

i. VENEREOLOGY & DERMATOLOGY

VESTNIK DERMATOLOGII I VENEROLOGII [REVIEW OF DERMATOLOGY AND VENEREOLOGY]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 35, no. 12, Dec. 1961, no. 1, 1962.
(DNLM)

15. AGRICULTURE

a. GENERAL

AKADEMIIA NAUK AZERBAIDZHANSKOI SSR, Baku. Institut pochvovedeniia i agrokhimii. Trudy [ACADEMY OF SCIENCES OF THE AZERBAIJAN S.S.R. Institute of Soil Science and Agricultural Chemistry. Transactions]. Baku, vol. 10, 1961.

CHELYABINSK. INSTITUT MEKHANIZATSII I ELEKTRIFIKATSII SEL'SKOGO KHOZIAISTVA. Trudy [INSTITUTE FOR THE MECHANIZATION AND ELECTRIFICATION OF AGRICULTURE. Transactions]. No. 12, 1961.

GIDROTEKHNIKA I MELIORATSIIA [HYDRAULIC ENGINEERING AND RECLAMATION]. Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 14, nos. 1-2, Jan.-Feb. 1962.

KHARKOV. UKRAINSKII NAUCHNO-ISSLEDOVATEL'SKII INSTITUT POCHVOVEDENIIA. Nauchnye trudy [UKRAINIAN RESEARCH INSTITUTE OF SOIL SCIENCE. Studies]. Vol. 5, 1961.

KOLHOSPNYK UKRAINY [COLLECTIVE FARMER OF THE UKRAINE]. Issued by Ministerstvo sil's'koho hospodarstva URSR [Ministry of Agriculture of the Ukrainian S.S.R.]. Kiev, vol. 9, no. 1(89)-2(90), Jan.-Feb. 1962.

KOLKHOZNOE PROIZVODSTVO [COLLECTIVE FARM PRODUCTION]. Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 22, no. 1, Jan. 1962.

KREST'IANKA [THE PEASANT WOMAN]. Published by Izd-vo [Publishing House] "Pravda." Moscow, vol. 40, no. 2, Feb. 1962.

SARATOV. INSTITUT MEKHANIZATSII SEL'SKOGO KHOZIAISTVA. Trudy [INSTITUTE OF THE MECHANIZATION OF AGRICULTURE. Transactions]. No. 25, 1961.
Contents Goncharenko, V.G. [Investigating piston rings of motor-vehicle engines] Issledovanie porshnevykh kolets dvigatelei avtotraktornogo tipa. 197 p.

SEL'SKAIA HASPADARKA BELARUSI [AGRICULTURE OF WHITE RUSSIA]. Issued by Ministerstvo sel'skai haspadarki Belaruskai SSR [Ministry of Agriculture of the White Russian S.S.R.]. Minsk, vol. 10, no. 1(109), Jan. 1962.

SEL'SKOE KHOZIAISTVO BELORUSSII [AGRICULTURE OF WHITE RUSSIA]. Issued by Ministerstvo sel'skogo khoziaistva Belorusskoi SSR [Ministry of Agriculture of the White Russian S.S.R.]. Minsk, vol. 10, no. 1(109), Jan. 1962.

SEL'SKOE KHOZIAISTVO KIRGIZII [AGRICULTURE OF KIRGHIZIA]. Issued by Ministerstvo sel'skogo khoziaistva Kirgizskoi SSR [Ministry of Agriculture of the Kirghiz S.S.R.]. Frunze, vol. 8, no. 1, 1962.

SEL'SKOE KHOZIAISTVO PODMOSKOV'IA [AGRICULTURE OF THE MOSCOW REGION]. Organ of Oblastnoe upravlenie sel'skogo khoziaistva [Province Administration of Agriculture]. Moscow, vol. 11, no. 1, Jan. 1962.

SEL'SKOE KHOZIAISTVO POVOLZH'IA [AGRICULTURE OF THE VOLGA VALLEY]. Organ of Ministerstvo sel'skogo khoziaistva RSFSR [Ministry of Agriculture of the R.S.F.S.R.]. Saratov, vol. 8, no. 1, Jan. 1962.

SEL'SKOE KHOZIAISTVO SEVERNOGO KAVKAZA [AGRICULTURE OF THE NORTHERN CAUCASUS]. Organ of Ministerstvo sel'skogo khoziaistva RSFSR [Ministry of Agriculture of the R.S.F.S.R.]. Krasnodar, vol. 5, no. 1, Jan. 1962.

SEL'SKOE KHOZIAISTVO SIBIRI [AGRICULTURE OF SIBERIA]. Organ of Ministerstvo sel'skogo khoziaistva RSFSR [Ministry of Agriculture of the R.S.F.S.R.]. Omsk, vol. 7, no. 1, Jan. 1962.

SEL'SKOE KHOZIAISTVO TADZHIKISTANA [AGRICULTURE OF TAJIKISTAN]. Organ of Ministerstvo sel'skogo khoziaistva Tadzhikskoi SSR [Ministry of Agriculture of the Tajik S.S.R.]. Dushanbe, vol. 16, no. 1, Jan. 1962.

SEL'SKOE KHOZIAISTVO TURKMENISTANA [AGRICULTURE OF TURKMENISTAN]. Issued by Ministerstvo sel'skogo khoziaistva Turkmenskoi SSR [Ministry of Agriculture of the Turkmen S.S.R.]. Ashkhabad, vol. 6, no. 1, Jan.-Feb. 1962.

SOTSIALISTICHESKOE SEL'SKOE KHOZIAISTVO AZERBAIDZHANA [SOCIALIST AGRICULTURE OF AZERBAIJAN]. Issued by Ministerstvo sel'skogo khoziaistva Azerbaidzhanskoi SSR [Ministry of Agriculture of the Azerbaijan S.S.R.]. Baku, vol. 10, no. 12, Dec. 1961.

SOTSIALISTLIK POLLUMAJANDUS [SOCIALIST AGRICULTURE]. Issued by Eesti NSV Pollumajanduse Ministeerium [Ministry of Agriculture of the Estonian S.S.R.]. Tallinn, vol. 17[i.e. 12], no. 2, Jan. 1962. [In Estonian]

SOVKHOZNOE PROIZVODSTVO [STATE FARM PRODUCTION]. Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, nos. 1-2, Jan.-Feb. 1962.

SVERDLOVSK. URAL'SKII NAUCHNO-ISSLEDOVATEL'SKII INSTITUT SEL'SKOGO KHOZIAISTVA. Doklady i soobshcheniia [URAL SCIENTIFIC RESEARCH INSTITUTE OF AGRICULTURE. Reports and Papers]. no. 4, 1959.

TIMIRYAZEVO, KALININGRADSKAIA OBLASTNAIA OPYTNO-MELIORATIVNAIA STANTSIIA. Nauchnye trudy [KALININGRAD PROVINCE EXPERIMENTAL AND LAND IMPROVEMENT STATION. Studies]. No. 1, 1959.

ULAN-UDE. BURIATSKII ZOOVETERINARNYI INSTITUT. Trudy Nauchno-proizvodstvennoi konferentsii po agronomii [BURYAT ZOOTECHNICAL AND VETERINARY INSTITUTE. Transactions of the Scientific and Practical Conference on Agronomy]. No. 1, 1959.

VESTNIK SEL'SKOKHOZIAISTVENNOI NAUKI [REVIEW OF AGRICULTURAL SCIENCE]. Issued by Vsesoiuznaia akademiia sel'skokhoziaistvennykh nauk imeni V. I. Lenina [All-Union Lenin Academy of Agricultural Sciences]. Moscow, vol. 6, no. 11, Nov. 1961.

ZA SOTSIALISTICHESKUIU SEL'SKOKHOZIAISTVENNUIU NAUKU [FOR SOCIALIST AGRICULTURAL SCIENCE]. Issued by Chekhoslovatskaia akademiia sel'skokhoziaistvennykh nauk [Czechoslovak Academy of Agricultural Sciences]. Prague, vol. 10, no. 5, 1961. [In Russian, English, and German].

b. ANIMAL INDUSTRY

MOLOCHNAIA PROMYSHLENNOST' [DAIR
Issued by Gosudarstvennyi komitet Sovet
SSSR po koordinatsii nauchno-issledovat
and TSentral'noe pravlenie Nauchno-tekl
obshchestva pishchevoi promyshlennosti
mittee of the Council of Ministers of the
on the Coordination of Research and the
ministration of the Scientific Technologi
of the Food Industry]. Moscow, vol. 23,
1962.

OKHOTA I OKHOTNICH'E KHOZIAISTVO [HU
AND GAME MANAGEMENT]. Issued by M
sel'skogo khoziaistva SSSR [Ministry of Ag
of the U.S.S.R.]. Moscow, vol. 8, nos. 1-2
1961.

RYBNOE KHOZIAISTVO [FISHERIES]. Orga
Glavnogo upravlenila rybnogo khoziaistva
SSSR [All-Union Scientific Institute of Ma
Fisheries and Oceanography of the Main
tion of Fisheries, Attached to the State P
Commission of the U.S.S.R.]. Moscow,
no. 1, 1962.

SVINOVODSTVO [SWINE BREEDING]. Issue
sterstvo sel'skogo khoziaistva SSSR [Min
Agriculture of the U.S.S.R.]. Moscow,
Jan. 1962.
(DA)

c. FORESTRY

LESNOE KHOZIAISTVO [FORESTRY]. Issue
stvo sel'skogo khoziaistva SSSR [Ministry
ture of the U.S.S.R.]. Moscow, vol. 14,
1961.

MASTER LESA [MASTER LUMBERMAN]. I
TsK Profsoiuza rabochikh lesnoi, bumazh
revoobrabatyvaiushchei promyshlennosti
Committee of the Trade Union of Workers
Forest, Paper, and Woodworking Industri
Moscow, vol. 6, no. 1, Jan. 1962.

VORONEZH. LESOTEKHNICHESKII INSTITU
nye zapiski [FORESTRY AND LUMBERIN
Studies]. Vol. 17, 1960.

VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'S
TUT LESNOGO KHOZIAISTVA (Trudy) [
SCIENTIFIC RESEARCH INSTITUTE OF
(Transactions)]. Moscow, no. 30, 1951
[Oak Forests of the U.S.S.R.]. vol. 3.

d. PLANT CULTURE

LEN I KONOPLIA [FLAX AND HEMP]. Issue
nisterstvo sel'skogo khoziaistva SSSR [Min
Agriculture of the U.S.S.R.]. Moscow, vol
no. 1, Jan. 1962.

POMIKULTURA, VITIKULTURA SHI VINERI
DOVEI [FRUIT CUI
WINE MAKING IN
ekonomiei naision.
RSS Moldovenesht'
istry of Agriculture
nev, nos. 3(95)-4(96),
Oct.-Dec. 19

SELEKTSIIA I SEMENOVODSTVO [PLANT BR
AND SEED PRODUCTION]. Issued by Minis
sel'skogo khoziaistva SSSR [Ministry of Agr
of the U.S.S.R.]. Moscow, vol. 27, no. 1,
1962.

ZEMLEDELIE [AGRICULTURE]. Issued by M
sel'skogo khoziaistva SSSR [Ministry of Agr
of the U.S.S.R.]. Moscow, vol. 23, no. 12,

16. TECHNOLOGY

a. GENERAL

AKADEMIIA NAUK ARMIANSKOI SSR, Erivan
Seriia tekhnicheskikh nauk [ACADEMY OF
OF THE ARMENIAN S.S.R. Bulletin. Seri
Technological Sciences]. Erivan, vol. 14,

AKADEMIIA NAUK UZBEKSKOI SSR, Tashkor
Seriia tekhnicheskikh nauk [ACADEMY OF
OF THE UZBEK S.S.R. Bulletin. Series in
nical Sciences]. Tashkent, no. 4, 1961.

BIULLETEN' IZOBRETENII [BULLETIN ON INVENTIONS]. Issued by Komitet po delam izobretenii i *otkrytii pri Sovete Ministrov SSSR* [Committee on Inventions and Discoveries, Attached to the Council of Ministers of the U. S. S. R.]. Moscow, vol. 38, nos. 21-22, Nov. 1961.

INZHENERNO-FIZICHESKII ZHURNAL [JOURNAL OF ENGINEERING PHYSICS]. Issued by Akademiia nauk BSSR [Academy of Sciences of the White Russian S. S. R.]. Minsk, vol. 5, no. 2, Feb. 1962.

NYI TEKHNIK [YOUNG TECHNICIAN]. Issued by TsK VLKSM and TSentral'nyi Sovet pionerskoi organizatsii imeni V. I. Lenina [Central Committee of the All-Union Communist Youth League of Lenin and the Central Council of the Lenin Pioneers]. Moscow, vol. 5, no. 7, July 1961.

ZMERITEL'NAIA TEKHNIKA [MEASUREMENT TECHNIQUES]. Issued by Komitet standartov, mer i izmeritel'nykh priborov pri Sovete Ministrov SSSR [Committee of Standards, Measures, and Measuring Instruments, Attached to the Council of Ministers of the U. S. S. R.]. Moscow, no. 12, Dec. 1961.

ENINGRAD. LENINGRADSKII INZHENERNO-EKONOMICHESKII INSTITUT. Trudy [LENINGRAD ENGINEERING AND ECONOMICS INSTITUTE. Transactions] No. 36, 1961

NAUKA I TEKHNIKA [SCIENCE AND TECHNOLOGY]. Issued by Nauchno-tekhnicheskii komitet Soveta Ministrov Latvitskoi SSR [Scientific and Technical Committee of the Council of Ministers of the Latvian S S R] and others. Riga, no. 12(17), Dec. 1961.

NAUCHNO-TEKHNICHESKIE OBSHCHESTVA SSSR [SCIENTIFIC TECHNOLOGICAL SOCIETIES OF THE U. S. S. R.]. Issued by Vsesoiuznyi sovet nauchno-tekhnicheskikh obshchestv [All-Union Council of Scientific Technological Societies]. Moscow, vol. 3, no. 12, Dec. 1961; vol. 4, no. 1, Jan. 1962.

OVYE KNIGI ZA RUBEZHOM. Seriia B: Tekhnika [*NEW FOREIGN BOOKS. Series B: Technology*]. Published by Izdatel'stvo inostrannoi literatury [Publishing House of Foreign Literature]. Moscow, vol. 8, nos. 1-2, Jan.-Feb. 1962.

PROFESSIONAL'NO-TEKHNICHESKOE OBRAZOVANIE [VOCATIONAL TECHNICAL EDUCATION]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po professional'no-tekhnicheskomu obrazovaniiu [State Committee of the Council of Ministers of the U.S.S.R. for Vocational Technical Education]. Moscow, vol. 19, no. 1(200), Jan. 1962.

PROMYSHLENNOST' ARMENII [INDUSTRY OF ARMENIA]. Issued by Soviet narodnogo khoziaistva Armianskoi SSR and Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov Armianskoi SSR [Economic Council of the Armenian S. S. R. and the State Scientific and Technical Committee of the Council of Ministers of the Armenian S. S. R.]. Erivan, vol. 4, no. 11, Nov. 1961.

STANDARTIZATSIIA [STANDARDIZATION]. Organ of Komitet standartov, mer i izmeritel'nykh priborov pri Sovete Ministrov SSSR [Committee of Standards, Measures, and Measuring Instruments, Attached to the Council of Ministers of the U. S. S. R.]. Moscow, vol. 26, no. 1, Jan. 1962.

TEKHNIKA - MOLODEZHI [TECHNOLOGY FOR YOUTH]. Organ of TSentral'nyi komitet Vsesoiuznogo Leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, vol. 29, no. 12, 1961.

ZHURNAL TEKHNICHESKOI FIZIKI [JOURNAL OF TECHNICAL PHYSICS]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. vol. 31, no. 12, Dec. 1961; vol. 32, no. 1,

[illegible]. Moscow, vol. 18, no. 12, Dec. 1961.

KRYL'IA RODINY [WINGS OF THE MOTHERLAND]. Issued by Vsesoiuznoe dobrovol'noe obshchestvo sodeistviia armii, aviatsii i flotu [All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy]. Moscow, vol. 13, no. 2, Feb. 1962.

MOSCOW, AVIATSIONNYI TEKHNOLOGICHESKII INSTITUT. Trudy [TECHNOLOGICAL INSTITUTE OF AERONAUTICS. Transactions]. No. 51, 1961.

c. CHEMICAL TECHNOLOGY

ANALITICHESKII KONTROL' PROIZVODSTVA V AZOTNOI PROMYSHLENNOSTI [ANALYTICAL PRODUCTION CONTROL IN THE NITROGEN INDUSTRY]. Issued by Gosudarstvennyi institut prikladnoi khimii [State Institute of Applied Chemistry]. Moscow, no. 12, pt. 2, 1960.
Contents: Markov, S. S., Vaikova, E. V. [Control in the shop of the production of concentrated nitric acid by the method of direct synthesis] Kontrol' v tsekhe proizvodstva kontsentrirovannoi azotnoi kisloty metodom priamogo sinteza. 226 p.

GAZOVAIA PROMYSHLENNOST' [GAS INDUSTRY]. Organ of Glavnoe upravlenie gazovoi promyshlennosti pri Sovete Ministrov SSSR [Main Administration of the Gas Industry, Attached to the Council of Ministers of the U.S.S.R.] and others. Leningrad, vol. 6, no. 11, 1961, vol. 7, no. 1, 1962.

*KAUCHUK I REZINA [CRUDE AND VULCANIZED RUBBER]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po khimii and Vsesoiuznoe khimicheskoe obshchestvo [State Committee of the Council of Ministers of the U.S.S.R. for Chemistry and the All-Union Chemical Society]. Moscow, vol. 20, nos. 11-12, Nov.-Dec. 1961, vol. 21, no. 1, Jan. 1962.

KHIMICHESKAIA PROMYSHLENNOST' [CHEMICAL INDUSTRIES]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po khimii [State Committee of the Council of Ministers of the U. S. S. R. on Chemistry]. Moscow, nos. 9, 11-12, Sep., Nov.-Dec. 1961, no. 1, Jan. 1962.

KHIMIIA I TEKHNOLOGIIA TOPLIV I MASEL [CHEMISTRY AND TECHNOLOGY OF FUEL AND OIL] Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot [State Committee of the Council of Ministers of the U.S.S.R. on the Coordination of Research] and others. Moscow, vol. 6, no. 12, Dec. 1961, vol. 7, nos. 1-2, Jan.-Feb. 1962.

KHOLODIL'NAIA TEKHNIKA [REFRIGERATION ENGINEERING]. Organ of Vsesoiuznyi nauchno-issledovatel'skii institut kholodil'noi promyshlennosti [All-Union Scientific Research Institute of the Refrigeration Industry]. Moscow, vol. 38, nos. 3-6, May-Dec *1961*.

KIEV. TEKHNOLOGICHESKII INSTITUT PISHCHEVOI PROMYSHLENNOSTI. Trudy [TECHNOLOGICAL INSTITUTE OF THE FOOD INDUSTRY. Transactions]. No. 23, 1960.

*KOKS I KHIMIIA [COKE AND CHEMISTRY]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii i nauchno-issledovatel'skikh rabot i TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva chernoi metallurgii [State Committee of the Council of Ministers of the U.S.S.R. on the Coordination of Research and the Central Administration of the Scientific Technological Society of Ferrous Metallurgy]. Moscow, nos. 8-11, 1961.

MASLOBOINO-ZHIROVAIA PROMYSHLENNOST' [OILS AND FATS INDUSTRY]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva pishchevoi promyshlennosti [State Committee of the Council of Ministers of the U.S.S.R. on the Coordination of Research and the Central Administration of the Scientific Technological Society of the Food Industry]. Moscow, vol. 27, no. 11, Nov. 1961.

*PLASTICHESKIE MASSY [PLASTICS]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po khimii [*State Committee for Chemistry* of the Council of Ministers of the U.S.S.R.]. Moscow, nos. 9-10, 1961.

RUSSIA [illegible]

[illegible] Food Technology]. Moscow, no. 6, 1961.

SAKHARNAIA PROMYSHLENNOST' [SUGAR INDUSTRY]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva pishchevoi promyshlennosti [State Committee of the Council of Ministers of the U. S. S. R. on the Coordination of Research and the Central Administration of the Scientific Technological Society of the Food Industry]. Moscow, vol. 35, nos. 11-12, Nov.-Dec. 1961.

SOVETSKOE FOTO [THE SOVIET PHOTO]. Issued by Ministerstvo kul'tury SSSR [Ministry of Culture of the U S S R.]. Moscow, vol. 22, no. 1, Jan. 1962

VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT PRIRODNYKH GAZOV. Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF NATURAL GAS Transactions] Moscow, no. 2(20), 1961

ZHURNAL NAUCHNOI I PRIKLADNOI FOTOGRAFII I KINEMATOGRAFII [JOURNAL OF SCIENTIFIC AND APPLIED PHOTOGRAPHY AND CINEMATOGRAPHY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 6, no. 6, Nov.-Dec. 1961

*ZHURNAL PRIKLADNOI KHIMII [JOURNAL OF APPLIED CHEMISTRY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U S S R] Moscow, vol. 34, nos. 11-12, Nov. Dec. 1961, vol. 35, no. 1, Jan. 1962. Ukazatel' [Index], vol. 34, 1960, vol. 34, 1961.

d. CIVIL & CONSTRUCTION ENGINEERING

AKADEMIIA NAUK TADZHIKSKOI SSR, Stalinabad. Institut seismostoikogo stroitel'stva i seismologii. Trudy [ACADEMY OF SCIENCES OF THE TAJIK S. S. R. Institute of Earthquake-proof Construction and Seismology. Transactions] Stalinabad, vol. 7, 1960.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Izvestiia [ACADEMY OF CONSTRUCTION AND ARCHITECTURE OF THE U. S. S. R. Bulletin]. Moscow, no. 7, 1961.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut osnovanii i podzemnykh sooruzhenii. [*Trudy*] [ACADEMY OF CONSTRUCTION AND ARCHITECTURE OF THE U. S. S. R. Institute of Foundations and Underground Construction (Transactions)] Moscow, no. 45, 1961

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut promyshlennykh zdanii i sooruzhenii. Trudy [ACADEMY OF CONSTRUCTION AND ARCHITECTURE OF THE U. S. S. R. Institute of Industrial Buildings and Structures. Transactions] Moscow, no. 3, 1960.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut sanitarnoi tekhniki. Sbornik trudov [ACADEMY OF CONSTRUCTION AND ARCHITECTURE OF THE U. S. S. R. Institute of Sanitary Engineering. Collected Papers] Moscow, no. 7, 1961

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut stroitel'noi fiziki i ogranzhdaiushchikh konstruktsii. Nauchnoe soobshchenie [ACADEMY OF CONSTRUCTION AND ARCHITECTURE. OF THE U. S. S. R. Institute of Construction Physics and Outside Wall Structures. Scientific Report]. Moscow, no. 7, 1960.
Contents: Ivashkova, V. K. [Using electric models to study the thermal properties of the enclosing elements of buildings] Issledovanie teplotekhnicheskikh svoistv ogranzhdaiushchikh konstruktsii zdanii metodom elektromodelirovaniia. 136 p.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut stroitel'nykh konstruktsii. Trudy [ACADEMY OF CONSTRUCTION AND ARCHITECTURE OF THE U. S. S. R. Institute of Construction Design. Transactions]. Moscow, no. 6, 1961

BABUSHKIN, VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT TRANSPORTNOGO STROITEL'STVA. Trudy [*ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF TRANSPORTATION CONSTRUCTION. Transactions*]. No. 43, 1961.
Contents: [Studying the structures of the overhead contact system] Issledovanie konstruktsii kontaktnoi seti. 173 p.

MO[illegible]OVA-[illegible]ELII,
Sbornik trudov [STATE SCIENTIFIC RESEARCH INSTITUTE OF REINFORCED CONCRETE PRODUCTS, BUILDING MATERIALS, AND ROCK PRODUCTS. Collected Papers] No. 2, 1959.

POZHARNOE DELO [FIRE FIGHTING]. Issued by Ministerstvo vnutrennikh del RSFSR [Ministry of the Interior of the R. S. F. S. R.]. *Moscow, vol. 8(32),* no. 1, Jan. 1962.

PUT' I PUTEVOE KHOZIAISTVO [RAILROAD TRACKS AND ROADWAY MAINTENANCE]. Organ of Ministerstvo putei soobshcheniia SSSR [Ministry of Railroad Transportation of the U. S. S. R.]. Moscow, vol. 5, *no. 12, Dec. 1961.*

STROITEL' [THE BUILDER]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva and TSentral'nyi komitet Profsoiuza rabochikh stroitel'stva i promyshlennosti stroitel'nykh materialov [State Committee of the Council of Ministers of the U S S.R. for Construction and the Central Committee of the Trade Union of Construction and Building Materials Workers] Moscow, no. 11, Nov 1961

TOMSK. INZHENERO-STROITEL'NYI INSTITUT Sbornik nauchnykh trudov [CIVIL ENGINEERING INSTITUTE Collected Scientific Papers] Vol 8, 1961

VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT NOVYKH STROITEL'NYKH MATERIALOV. Sbornik trudov [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF NEW BUILDING MATERIALS. Collected Papers] Moscow, no 2, 1960

ZHILISHCHNO-KOMMUNAL'NOE KHOZIAISTVO [COMMUNAL HOUSING AND SERVICES] Issued by Ministerstvo kommunal'nogo khoziaistva RSFSR and TsK profsoiuza rabochikh mestnoi promyshlennosti i kommunal'nogo khoziaistva [Ministry of Communal Economy of the R.S F S R. and the Central Committee of the Trade Union of Workers of Local Industries and Communal Economy] Moscow, vol 11, no 10, Oct. 1961.

e. ELECTRICAL ENGINEERING

*ATOMNAIA ENERGIIA [ATOMIC ENERGY] Issued by Akademiia nauk SSSR and Gosudarstvennyi komitet Soveta Ministrov SSSR po ispol'zovaniiu atomnoi energii [Academy of Sciences of the U.S.S.R. and the State Committee on the Use of Atomic Energy of the Council of Ministers of the U.S.S.R.]. Moscow, vol. 12, nos. 1-2, Jan.-Feb. 1962.

*AVTOMATIKA I TELEMEKHANIKA [AUTOMATIC AND REMOTE CONTROL]. Issued by Institut avtomatiki i telemekhaniki Akademii nauk SSSR [Institute of Automatic and Remote Control of the Academy of Sciences of the U.S.S.R.]. Moscow, vol. 23, no. 1, Jan. 1962.

ELEKTRICHESKIE STANTSII [ELECTRIC POWER STATIONS]. Organ of Gosplan SSSR [State Planning Commission of the U.S.S.R.] and others. Moscow, vol. 32, no. 12, Dec. 1961.

ENERGETICHESKII SBORNIK [POWER ENGINEERING PAPERS]. Issued by Cheliabinskii politekhnicheskii institut [Chelyabinsk Polytechnic Institute]. Chelyabinsk, no. 2, 1959.

ENERGETICHESKOE STROITEL'STVO; sbornik materialov po obmenu opytom [POWER CONSTRUCTION; Collection of Materials for the Exchange of Experience]. Issued by Tekhnicheskoe upravlenie Ministerstva stroitel'stva elektrostantsii SSSR [Technical Administration of the Ministry for the Construction of Electric Power Stations of the U.S.S.R.]. Moscow, nos. 20, 23, 1961.

ENERGETIK [ELECTRIC POWER TECHNICIAN]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot and TSentral'nyi Komitet Profsoiuza rabochikh elektrostantsii i elektropromyshlennosti [State Committee of the Council of Ministers of the U.S.S.R. on the Coordination of Research and the Central Committee of the Trade Union of Workers of Electric Power Stations and the Electrical Industry]. Moscow, vol. 9, no. 12, Dec. 1961.

LENINGRAD. GOSUDARSTVENNYI ISSLEDOVATEL'SKII ELEKTROKERAMICHESKII INSTITUT. Trudy [STATE ELECTRICAL CERAMICS RESEARCH INSTITUTE. Transactions]. No. 4, 1960.

PROMYSHLENNAIA ENERGETIKA [INDUSTRIAL POWER]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot and Nauchno-tekhnicheskoe obshchestvo energeticheskoi promyshlennosti [State Committee of the Council of Ministers of the U.S.S.R. on the Coordination of Research and Scientific Technological Society of the Power Industry]. Moscow, vol. 15, nos. 7-8, July-Aug. 1960; vol. 16, nos. 6-7, June-July 1961.

RADIO [RADIO]. Organ of Ministerstvo sviazi SSSR and Vsesoiuznoe dobrovol'noe obshchestvo sodeistviia armii, aviatsii i flotu [Ministry of Communication of the U.S.S.R. and of the All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy]. Moscow, nos. 1-2, Jan.-Feb. 1962.

*RADIOTEKHNIKA I ELEKTRONIKA [RADIO ENGINEERING AND ELECTRONICS]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 7, nos. 1-2, Jan.-Feb. 1962.

REFERATIVNYI ZHURNAL: ELEKTROTEKHNIKA I ENERGETIKA [JOURNAL OF ABSTRACTS: ELECTRICAL ENGINEERING AND ELECTRIC POWER]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 1, Jan. 1962.

REFERATIVNYI ZHURNAL ELEKTROTEKHNIKA [JOURNAL OF ABSTRACTS ELECTRICAL ENGINEERING]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, Avtorskii ukazatel'za 1960 g [Author Index for 1960], pt. 2, 1960.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; elektromekhanika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Electrical Machinery and Apparatus]. Novocherkassk, vol. 4, no. 12, 1961.

SVETOTEKHNIKA [ILLUMINATING ENGINEERING] Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroeniiu and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva energeticheskoi promyshlennosti [State Committee of the Council of Ministers of the U.S.S.R for Automation and Machinery Manufacture and the Central Administration of the Scientific Technological Society of the Power Industry]. Moscow, vol 8, nos. 1-2, Jan.-Feb. 1962

VESTNIK ELEKTROPROMYSHLENNOSTI [REVIEW OF THE ELECTRICAL INDUSTRY]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot [State Committee of the Council of Ministers of the U.S.S.R. on the Coordination of Research] and others. Moscow, vol 31, no. 10, Oct. 1960.

ZARUBEZHNAIA RADIOELEKTRONIKA [RADIO ENGINEERING ABROAD]. Moscow, vol. 17, no. 1, Jan. 1962.

f. INDUSTRIES & TRADES

AKADEMIIA NAUK URSR, Kiev. Instytut elektrozvarjuvannia Avtomaticheskaia svarka [ACADEMY OF SCIENCES OF THE UKRAINIAN S.S.R. Institute of Electric Welding Automatic Welding]. Kiev, vol. 15, no. 2(107), Feb. 1962.

BUMAZHNAIA PROMYSHLENNOST' [PAPER INDUSTRY]. Organ of Gosudarstvennyi komitet Soveta Ministrov RSFSR po koordinatsii nauchno-issledovatel'skikh rabot and TSentral'noe pravlenie NTO bumazhnoi i derevoobrabatyvaiushchei promyshlennosti [State Committee of the Council of Ministers of the R.S.F.S.R. on the Coordination of Research and the Central Administration of the Scientific Technological Society of the Paper and Woodworking Industry]. Moscow, vol. 36, nos. 9-12, Sep.-Dec. 1961; vol. 37, no. 1, Jan. 1962.

*DEREVOOBRABATYVAIUSHCHAIA PROMYSHLENNOST' [WOODWORKING INDUSTRY]. Issued by Gosudarstvennyi komitet Soveta Ministrov RSFSR po koordinatsii nauchno-issledovatel'skikh rabot and TSentral'noe pravlenie NTO bumazhnoi i derevoobrabatyvaiushchei promyshlennosti [State Committee of the Council of Ministers of the R.S.F.S.R. on the Coordination of Research and the Central Administration of the Scientific Technological Society of the Paper and Woodworking Industry]. Moscow, vol. 11, nos. 1-2, Jan.-Feb. 1962.

KHLEBOPEKARNAIA I KONDITERSKAIA PROMYSHLENNOST' [BAKING AND CONFECTIONERY INDUSTRY]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva pishchevoi promyshlennosti [State Committee of the Council of Ministers of the U.S.S.R. on the Coordination of Research and the Central Administration of the Scientific Technological Society of the Food Industry]. Moscow, vol. 5, no. 12, Dec. 1961.

KOZHEVENNO-OBUVNAIA PROMYSHLENNOST' [LEATHER AND FOOTWEAR INDUSTRY]. Issued by Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR and TSentral'noe pravlenie NTO legkoi promyshlennosti [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R. and the Central Administration of the Scientific Technological Society of Light Industry]. Leningrad, vol. 3, nos. 11-12, Nov.-Dec. 1961.

MESTNAIA PROMYSHLENNOST' I KHUDOZHES PROMYSLY [LOCAL INDUSTRY AND ART TI Issued by Gosudarstvennyi komitet Soveta Mi RSFSR po delam mestnoi promyshlennosti i stvennykh promyslov and TsK Profsoiuza rab mestnoi promyshlennosti i kommunal'nogo kh [State Committee of the Council of Ministers R.S.F.S.R. for Local Industry and Art Trad the Central Committee of the Trade Union of of Local Industries and Communal Economy]. cow, vol. 2, no. 7, July 1961.

OPYT STAKHANOVTSEV TSELLIULOZNO-BU PROMYSHLENNOSTI [EXPERIENCE OF ST ITES IN THE WOODPULP AND PAPER IND Issued by TSentral'nyi komitet Professional soiuza rabochikh bumazhnoi promyshlennost Committee of the Trade Union of Workers i Paper Industry]. Moscow, no. 2, 1960.

*RUSSIA (1923- U.S.S.R.) Ministerstvo vyss srednego spetsial'nogo obrazovaniia. Izvesti shikh uchebnykh zavedenii, tekhnologiia teks promyshlennosti [Ministry of Higher and Sec Specialized Education. Bulletin of the Institu Higher Learning; Technology of the Textile I Moscow, no. 6, 1961.

TEKSTIL'NAIA PROMYSHLENNOST' [TEXTILE TRY]. Organ of Gosudarstvennyi komitet Sov nistrov SSSR po koordinatsii nauchno-issledo skikh rabot and TSentral'noe pravlenie Nauc tekhnicheskogo obshchestva legkoi promyshle [State Committee of the Council of Ministers U.S.S.R on Coordination of Research and t Central Administration of the Scientific Tech Society of Light Industry]. Moscow, vol 21, r May, 1961.

g. MECHANICAL ENGINEERING

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-At tut energetiki. Trudy [ACADEMY OF SCIENC THE KAZAKH S.S.R. Institute of Power Eng Transactions]. Vol. 2, 1960.

AKADEMIIA NAUK URSR, Kiev. Instytut mashy stva i avtomatyky. Naukhnye zapiski. Seriia shinovedeniia [ACADEMY OF SCIENCES OF UKRAINIAN S.S.R. Institute of Machinery an matics. Studies. Series in Mechanical Engin Kiev, vol. 7, 1961. Voprosy mashinovedeniia prochnosti v mashinostroenii [Problems in M cal Engineering and Durability in Machinery facture], no. 7.

AVTOMOBILIST, al'manakh [AUTOMOBILIST, A Moscow, vol. 1, 1961.

AVTOMOBIL'NAIA PROMYSHLENNOST' [AUTO INDUSTRY]. Organ of Gosudarstvennyi komit Ministrov SSSR po avtomatizatsii i mashinost [State Committee of the Council of Ministers U.S.S.R. for Automation and Machinery Man Moscow, vol. 27, no. 12, Dec. 1961.

AVTOMOBIL'NYI TRANSPORT [AUTOMOTIVE T PORTATION]. Issued by Ministerstvo avtomo transporta i shosseinykh dorog RSFSR and TS nyi komitet Profsoiuza rabotnikov sviazi, avtomobil'nogo transporta i shosseinykh d [Ministry of the R.S.F. Trade Unio port, and I no. 12, Dec

AVTOMOBIL'I perevodnyk literatury p [AUTOMOT lations of F of Automoti stvennyi nat nogo transp of Automoti 1961.

BUMAGODEL making M Nauchno-is nogo mashi for the Man Moscow, no

DNEPROPETR DOVATEL'S nauchno-tek ENTIFIC RI Technical Ir

ELEKTRICHES TRIC AND I Issued by M [Ministry of Moscow, vo Jan. 1962.

LENINGRAD. INSTITUT TOCHNOI MEKHANIKI I OPTIKI. Sbornik statei [INSTITUTE OF PRECISION MECHANICS AND OPTICS Collected Papers]. No 49, 1960

MASHINOSTROITEL' [MACHINE BUILDER]. Organ of Nauchno-tekhnicheskoe obshchestvo mashinostroitel'noi promyshlennosti [Scientific-Technological Society of the Machinery Manufacturing Industry]. Moscow, no. 1, Jan. 1962.

MEKHANIZATSIIA I AVTOMATIZATSIIA PROIZVODSTVA [MECHANIZATION AND AUTOMATION OF PRODUCTION]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroeniiu [State Committee of the Council of Ministers of the U.S.S.R. for Automation and Machinery Manufacture]. Moscow, vol. 16, no. 1, Jan. 1962.

MOSCOW. MOSKOVSKII INSTITUT INZHENEROV ZHELEZNODOROZHNOGO TRANSPORTA. Trudy [MOSCOW INSTITUTE OF ENGINEERS OF RAILROAD TRANSPORTATION. Transactions]. Nos. 135-137, 142, 1961

MOSCOW. TSENTRAL'NYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT TEKHNOLOGII I MASHINOSTROENIIA. (Trudy) [CENTRAL SCIENTIFIC RESEARCH INSTITUTE OF TECHNOLOGY AND MACHINERY MANUFACTURE. (Transactions)]. Vol. 61, 1963.
Vol. 103, 1961.
Contents [Investigating the strength of materials used for the manufacture of turbine blades] Issledovanie prochnosti materialov lopatok turbin. 165 p.

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT ZHELEZNODOROZHNOGO TRANSPORTA. Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF RAILROAD TRANSPORTATION. Transactions]. No. 215, 1961.
Contents: [Methods of determining freight weight] Sposoby opredelenila vesa gruzov. 117 p.

No. 218, 1961.
Contents. Zakharov, A.G., Shishov, G.A., Zakharova, Z.I. [Economic evaluation of the operational indices of railroads] Ekonomicheskaia otsenka ekspluatatsionnykh pokazatelei raboty dorog. 174 p.

No. 219, 1961.
Contents: Bryleev, A.M., and others. [New systems of coded automatic block signaling] Novye sistemy kodovoi avtoblokirovki. 135 p.

SCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT ZHELEZNODOROZHNOGO TRANSPORTA. Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF RAILROAD TRANSPORTATION. Transactions] Nos 217, 220-221, 1961.

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT ZHELEZNODOROZHNOGO TRANSPORTA. Vestnik [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF RAILROAD TRANSPORTATION. Journal]. Vol. 20, no 8, 1961.

'PRIBOROSTROENIE [INSTRUMENT MANUFACTURE]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroeniiu and
[illegible] ogo
[illegible] iosti
[illegible] s of the
[illegible] nufacture
[illegible] ific
[illegible]
[illegible]
[illegible]

[illegible]
vol. 5, no. 1, [illegible] 1961

[illegible]
[illegible] RESEARCH LABORATORY, [illegible] Report [illegible]

[illegible]
[illegible] RESEARCH LABORATORY, [illegible] Report [illegible]

[illegible]
[illegible] Memorandum [illegible]

[illegible]
[illegible] Report [illegible]

[illegible]
[illegible] Report [illegible]

17. MILITARY & NAVAL SCIENCES

a. MILITARY SCIENCE

[illegible]
vol. 1, no. [illegible], [illegible]

[illegible]
[illegible]

[illegible]
[illegible]

[illegible]
[

PART C

List of Periodicals Indexed and Abbreviations Used

† Titles listed for the first time

Akush.i gin. (14b)	Akusherstvo i ginekologiia [Obstetrics and Gynecology]
Anal kontr proizv v azot prom. (16c)	†Analiticheskii kontrol' proizvodstva v azotnoi promyshlennosti [Analytical Production Control in the Nitrogen Industry]
Antibiotiki (14f)	Antibiotiki [Antibiotics]
Arkh anat.gist i embr (13c)	Arkhiv anatomii, gistologii i embriologii [Archives of Anatomy, Histology, and Embryology]
Arkh.pat. (14e)	Arkhiv patologii [Archives of Pathology]
Atom.energ. (18e)	Atomnaia energiia [Atomic Energy]
Avt.prom. (18g)	Avtomobil'naia promyshlennost' [Automobile Industry]
Avt.transp. (16g)	Avtomobil'nyi transport [Automotive Transportation]
Avtom.i telem. (10e)	Avtomatika i telemekhanika [Automatic and Remote Control]
Avtom.svar. (16f)	Akademiia nauk URSR, Kiev. Institut elektrozvariuvannia. Avtomaticheskaia svarka [Academy of Sciences of the Ukrainian S.S.R. Institute of Electric Welding. Automatic Welding]
Avtomobilist (16g)	†Avtomobilist; al'manakh [Automobilist; Almanac]
Az.i Afr.segodnia (1b)	Aziia i Afrika segodnia [Asia and Africa Today]
Azerb.med zhur (14a)	Azerbaichan tibb zhurnaly Azerbaidzhanskii meditsinskii zhurnal [Azerbaijan Medical Journal]
Azerb.neft.khoz. (18h)	Azerbaidzhanskoe neftianoe khoziaistvo [Azerbaijan Petroleum Industry]
Belarus' (1b)	Belarus' [White Russia]. In White Russian.
Bezop.truda v prom. (5d)	Bezopasnost' truda v promyshlennosti [Industrial Safety]
Bibliotekar' (2b)	Bibliotekar' [The Librarian]
Biofizika (13c)	Biofizika [Biophysics]
Biol.v shkole (13c)	Biologiia v shkole [Biology in Schools]
Biul.eksp.biol i med. (14a)	Biulleten' eksperimental'noi biologii i meditsiny [Bulletin of Experimental Biology and Medicine]
Biul.Gos.kom. po vop.truda i zar.platy (7)	Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po voprosam truda i zarabotnoi platy. Biulleten' [State Committee on Problems of Labor and Wages. Bulletin]
Biul.izobr. (16a)	Biulleten' izobretenii [Bulletin on Inventions]
Biul.Kom.po opr. abs.vozr.geol. form (12c)	Akademiia nauk SSSR. Komissiia po opredeleniiu absoliutnogo vozrasta geologicheskikh formatsii. Biulleten' [Academy of Sciences of the U.S.S.R. Commission on Determination of the Absolute Age of Geological Formations. Bulletin]
Biul.nauch.inform.: trud i zar.plata (5d)	Biulleten' nauchnoi informatsii: trud i zarabotnaia plata [Bulletin of Scientific Information: Labor and Wages]
Biul.nauch.-tekh. inform.VNITI (16g)	†Dnepropetrovsk. Vsesoiuznyi nauchno-issledovatel'skii trubnyi institut. Biulleten' nauchno-tekhnicheskoi informatsii [All-Union Scientific Research Pipe Institute. Bulletin of Technical Information]
Biul.Okean.kom. (12b)	Akademiia nauk SSSR. Okeanograficheskaia komissiia. Biulleten' [Academy of Sciences of the U.S.S.R. Oceanographic Commission. Bulletin]
Biul.tekh.-ekon. inform.Tekh.upr. Min.mor.flota (17b)	†Russia (1923- U.S.S.R.) Ministerstvo morskogo flota. Tekhnicheskoe upravlenie. Biulleten' tekhniko-ekonomicheskoi informatsii [Ministry of the Merchant Marine. Technical Administration. Bulletin of Technical and Economic Information]
Biul.Uch.med. sov. (14a)	Russia (1917- R.S.F.S.R.) Ministerstvo zdravookhraneniia. Uchenyi meditsinskii sovet. Biulleten' [Ministry of Health. Learned Medical Council. Bulletin]
Biok.agit. [Gruz.] (8)	Bioknot agitatora [The Agitator's Notebook]. For Georgia.
Bot.zhur. (13c)	Botanicheskii zhurnal [Botanical Journal]
Bum.prom. (16f)	Bumazhnaia promyshlennost' [Paper Industry]
Bumagodel.mash. (16g)	Bumagodelatel'noe mashinostroenie [Paper-Making Machinery Manufacture]
Den.i kred. (5c)	Den'gi i kredit [Money and Credit]
Der.prom. (16f)	Derevoobrabatyvaiushchaia promyshlennost' [Woodworking Industry]
Dokl.AN Arm.SSR (13a)	Akademiia nauk Armianskoi SSR, Erivan. Doklady [Academy of Sciences of the Armenian S.S.R. Reports]
Dokl.AN BSSR (13a)	Akademiia navuk BSSR, Minsk. Doklady [Academy of Sciences of the White Russian S.S.R. Reports]
Dokl.AN SSSR (13a)	Akademiia nauk SSSR. Doklady [Academy of Sciences of the U.S.S.R. Reports]
Dokl.AN Tadzh. SSR (1a)	Akademiia nauk Tadzhikskoi SSR, Stalinabad. Doklady [Academy of Sciences of the Tajik S.S.R. Reports]
Dokl.i soob. UNIISKH (15a)	†Sverdlovsk. Ural'skii nauchno issledovatel'skii institut sel'skogo khoziaistva. Doklady i soobshcheniia [Ural Scientific Research Institute for Agriculture. Reports and Papers]
Doshk.vosp. (8a)	Doshkol'noe vospitanie [Preschool Education]
Doshk.vykh. (8a)	Doshkil'ne vykhovannia [Preschool Education]. In Ukrainian.
Ekon.Rad.Ukr. (5b)	Ekonomika Radians'koi Ukrainy [Economics of the Soviet Ukraine]. In Ukrainian.
Ekon.Sov.Ukr. (5b)	Ekonomika Sovetskoi Ukrainy [Economics of the Soviet Ukraine]
Ekon.strol. (5b)	Ekonomika stroitel'stva [Economics of Construction]
Elek.i tepl.tiaga (18g)	Elektricheskaia i teplovoznaia tiaga [Electric and Diesel Locomotive Traction]
Elek.sta. (18e)	Elektricheskie stantsii [Electric Power Stations]
Energ.sbor. (18e)	†Energeticheskii sbornik [Power Engineering Papers]
Energ.stroi. (18e)	Energeticheskoe stroitel'stvo [Power Construction]
Energetik (18e)	Energetik [Electric Power Technician]
Farm i toks. (14f)	Farmakologiia i toksikologiia [Pharmacology and Toxicology]
Fiziol.zhur. (13c)	Fiziologicheskii zhurnal SSSR [Physiological Journal of the U.S.S.R.]
Gaz.prom. (16c)	Gazovaia promyshlennost' [Gas Industry]
Geod.i kart. (13b)	Geodeziia i kartografiia [Geodesy and Cartography]
Geog.sbor. (12b)	Geograficheskoe obshchestvo SSSR. Geograficheskii sbornik [Geographic Society of the U.S.S.R. Geographical Papers]
Geog.v shkole (12b)	Geografiia v shkole [Geography in Schools]
Geol.nefti i gaza (18h)	Geologiia nefti i gaza [The Geology of Petroleum and Gas]
Geomag i aer. (13f)	Geomagnetizm i aeronomiia [Geomagnetism and Aeronomy]
Gidr.i mel. (15a)	Gidrotekhnika i melioratsiia [Hydraulic Engineering and Reclamation]
Grazhd.av. (16b)	Grazhdanskaia aviatsiia [Civil Aviation]
Inform.biul.nov. inostr.knig.postup.v Bibl. im. V.I.Len. Ser.1 (2a)	Moscow. Publichnaia biblioteka. Informatsionnyi Biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V.I.Lenina. Seriia 1: Fiziko-matematicheskie, khimicheskie i geologo-geograficheskie nauki; tekhnika i tekhnicheskie nauki [Public Library. Information Bulletin of New Foreign Books Received by the Lenin Library. Series 1: Physical Mathematical, Chemical and Geological Geographical Sciences; Technology and Technological Sciences]
Inform.biul.nov. inostr.knig, postup.v Bibl. im. V.I.Len. Ser.2 (2a)	Moscow. Publichnaia biblioteka. Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V.I.Lenina. Seriia 2: Biologicheskie, meditsinskie i sel'skokhoziaistvennye nauki [Public Library. Information Bulletin of New Foreign Books, Received by the Lenin Library. Series 2: Biological, Medical, and Agricultural Sciences]
Inform.biul.nov. inostr.knig, postup.v Bibl. im.V.I.Len. Ser.3 (2a)	Moscow. Publichnaia biblioteka. Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V.I.Lenina. Seriia 3: Obshchestvennye nauki, khudozhestvennaia literatura, iskusstvo [Public Library. Information Bulletin of New Foreign Books Received by the Lenin Library. Series 3: Social Sciences, Belles-Lettres, Art]
Inform.sbor. TSNIIMF.Tekh. ekspl.mor.flota (17b)	†Leningrad. TSentral'nyi nauchno-issledovatel'skii institut morskogo flota. Informatsionnyi sbornik, Tekhnicheskaia ekspluatatsiia morskogo flota [Central Scientific Research Institute of the Merchant Marine. Information Bulletin. Operation and Maintenance of Merchant Ships]
Inform.sbor. VSEGEI (12c)	Leningrad. Vsesoiuznyi geologicheskii institut. Informatsionnyi sbornik [All-Union Geological Institute. Information Bulletin]
Inostr.iaz.v shkole (11a)	Inostrannye iazyki v shkole [Foreign Languages in Schools]

Inzh.-fiz.zhur. (16a)	Inzhenerno-fizicheskii zhurnal [Journal of Engineering Physics]
Isk.kino (9a)	Iskusstvo kino [Cinema Art]
Isk.sput.Zem. (13f)	Iskusstvennye sputniki Zemli [Artificial Earth Satellites]
Iskusstvo (10a)	Iskusstvo [Art]
Issl.i mat.Inst.po izuch.SSSR (4a)	Institut zur Erforschung der UdSSR. Issledovaniia i materialy [Institute for the Study of the U.S.S.R. Investigations and Materials]
Issl.po gen. (13c)	Issledovaniia po genetike [Studies on Genetics]
Ist.arkh. (4a)	Istoricheskii arkhiv [Historical Archives]
IUn nat. (13c)	IUnyi naturalist [Young Naturalist]
IUn.tekh.(16a)	IUnyi tekhnik [Young Technician]
Iz ist kino (9a)	Iz istorii kino [From the History of Motion Pictures]
Izm.tekh. (16a)	Izmeritel'naia tekhnika [Measurement Techniques]
Izv.AN Arm.SSR. Khim nauki (13d)	Akademiia nauk Armianskoi SSR, Erivan. Izvestiia. Khimicheskie nauki [Academy of Sciences of the Armenian S.S.R. Bulletin. Chemical Sciences]
Izv.AN Arm.SSR. Ser.fiz.-mat.nauk (13a)	Akademiia nauk Armianskoi SSR, Erivan. Izvestiia. Serila fiziko-matematicheskikh nauk [Academy of Sciences of the Armenian S.S.R. Bulletin. Series in Physical and Mathematical Sciences]
Izv.AN Arm.SSR. Ser.geol.i geog nauk (12c)	Akademiia nauk Armianskoi SSR, Erivan. Izvestiia. Serila geologicheskikh i geograficheskikh nauk [Academy of Sciences of the Armenian S.S.R. Bulletin. Series in the Geological and Geographical Sciences]
Izv.AN Arm.SSR. Ser.tekh.nauk (16a)	Akademiia nauk Armianskoi SSR, Erivan. Izvestiia. Serila tekhnicheskikh nauk [Academy of Sciences of the Armenian S.S.R. Bulletin. Series in the Technological Sciences]
Izv.AN Azerb.SSR. Ser biol.i med. nauk (13c)	Akademiia nauk Azerbaidzhanskoi SSR, Baku. Izvestiia. Serila biologicheskikh i meditsinskikh nauk [Academy of Sciences of the Azerbaijan S.S.R. Bulletin. Series in the Biological and Medical Sciences]
Izv.AN Azerb.SSR. Ser.geol.-geog. nauk i nefti (12c)	Akademiia nauk Azerbaidzhanskoi SSR, Baku. Izvestiia. Serila geologo-geograficheskikh nauk i nefti [Academy of Sciences of the Azerbaijan S.S.R. Bulletin. Series in the Geological and Geographical Sciences and Petroleum]
Izv.AN Kazakh. SSR.Ser.ist., arkheol.i etn. (4a)	Akademiia nauk Kazakhskoi SSR, Alma-Ata. Izvestiia. Serila istorii, arkheologii i etnografii [Academy of Sciences of the Kazakh S.S.R. Bulletin. Series in History, Archaeology, and Ethnography]
Izv.AN Kazakh.SSR. Ser.met., obog.i ogneup. (16h)	Akademiia nauk Kazakhskoi SSR, Alma-Ata. Izvestiia. Serila metallurgii, obogashchenila i ogneuporov [Academy of Sciences of the Kazakh S.S.R. Bulletin. Series in Metallurgy, Concentration, and Refractories]
Izv.AN SSSR.Otd. khim.nauk (13d)	Akademiia nauk SSSR. Izvestiia. Otdelenie khimicheskikh nauk [Academy of Sciences of the U.S.S.R. Bulletin. Department of Chemical Sciences]
Izv.AN SSSR.Ser. geol. (12c)	Akademiia nauk SSSR. Izvestiia. Serila geologicheskaia [Academy of Sciences of the U.S.S.R. Bulletin, Geological Series]
Izv.AN Turk.SSR Ser.biol.nauk (13c)	Akademiia nauk Turkmenskoi SSR, Ashkhabad. Izvestiia. Serila biologicheskikh nauk [Academy of Sciences of the Turkmen S.S.R. Bulletin. Series in the Biological Sciences]
Izv.AN Uz.SSR. Ser.tekh.nauk (16a)	Akademiia nauk Uzbekskoi SSR, Tashkent. Izvestiia. Serila tekhnicheskikh nauk [Academy of Sciences of the Uzbek S.S.R. Bulletin. Series in the Technical Sciences]
Izv.ASiA (16d)	Akademiia stroitel'stva i arkhitektury SSSR. Izvestiia [Academy of Construction and Architecture of the U.S.S.R. Bulletin]
Izv.Otd.geol.-khim.i tekh.nauk AN Tadzh.SSR (1a)	Akademiia nauk Tadzhikskoi SSR, Stalinabad. Otdelenie geologo-khimicheskikh i tekhnicheskikh nauk. Izvestiia [Academy of Sciences of the Tajik S.S.R. Department of Geological, Chemical, and Technological Sciences. Bulletin]
Izv.Sib.otd.AN SSSR (1a)	Akademiia nauk SSSR. Sibirskoe otdelenie. Izvestiia [Academy of Sciences of the U.S.S.R. Siberian Branch. Bulletin]
Izv.Vses.geog.ob-va (12b)	Geograficheskoe obshchestvo SSSR. Izvestiia [Geographic Society of the U.S.S.R. Bulletin]
Izv.vys.ucheb. zav.; chera.met. (16h)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; cherasia metallurgiia [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Ferrous Metallurgy]
Izv.vys.ucheb.zav.; elektromekh. (16e)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; elektromekhanika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Electrical Machinery and Apparatus]
Izv.vys.ucheb.zav.; fiz. (13f)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; fizika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Physics]
Izv.vys.ucheb.zav., geod.i aerof. (13b)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; geodeziia i aerofotos"emka [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Geodesy and Aerial Photography]
Izv.vys.ucheb.zav.; gor.zhur. (16h)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; gornyi zhurnal [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Mining Journal]
Izv.vys.ucheb.zav., khim.i khim.tekh. (13d)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; khimiia i khimicheskaia tekhnologiia [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Chemistry and Chemical Technology]
Izv.vys.ucheb. zav.; mashinostr. (16g)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; mashinostroenie [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Machine Building]
Izv.vys.ucheb.zav.; mat. (13e)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; matematika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Mathematics]
Izv.vys.ucheb.zav.; nefti i gaz (16h)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; neft' i gaz [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Petroleum and Gas]
Izv.vys.ucheb.zav.; pishch.tekh. (16c)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; pishchevala tekhnologiia [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Food Technology]
Izv.vys.ucheb.zav.; prav. (7)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; pravovedenie [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Jurisprudence]
Izv.vys.ucheb.zav.; tekh.tekst.prom. (16f)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; tekhnologiia tekstil'noi promyshlennosti [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Technology of the Textile Industry]
Izv.vys.ucheb.zav.; tsvet.met. (16h)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; tsvetnaia metallurgiia [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Nonferrous Metallurgy]
Kardiologiia (14a)	Kardiologiia [Cardiology]
Kauch.i rez. (16c)	Kauchuk i rezina [Crude and Vulcanized Rubber]
Khim.belka (13c)	Khimiia belka [Protein Chemistry]
Khim.i tekh.topl. i masel (16c)	Khimiia i tekhnologiia topliv i masel [Chemistry and Technology of Fuel and Oil]
Khim.prom. (16c)	Khimicheskaia promyshlennost' [Chemical Industries]
Khim.v shkole (13d)	Khimiia v shkole [Chemistry in Schools]
Khleb.i kond.prom. (16f)	Khlebopekarnaia i konditerskaia promyshlennost' [Baking and Confectionery Industry]
Khol.tekh. (16c)	Kholodil'naia tekhnika [Refrigeration Engineering]
Klin.med. (14a)	Klinicheskaia meditsina [Clinical Medicine]
Klub (5e)	Klub [The Club]
Knizh.let. (2a)	Knizhnaia letopis' [Book Chronicle]
Koks i khim. (16c)	Koks i khimiia [Coke and Chemistry]
Komm.Bel. (6)	Kommunist Belorussii [Communist of White Russia]
Komm.Vooruzh.Sil. (17a)	Kommunist Vooruzhennykh Sil [Communist of the Armed Forces]
Kommunist (6)	Kommunist [Communist]
Komsom.zhizn' (5e)	Komsomol'skaia zhizn' [Life of Communist Youth]
Kozh.-obuv.prom. (16f)	Kozhevenno-obuvnaia promyshlennost' [Leather and Footwear Industry]
Kraeved.zap. Mag.obl. kraeved.muz. (4a)	Magadan. Oblastnoi kraevedcheskii muzei. Kraevedcheskie zapiski [Regional Local Museum. Local Lore Annals]
Krat.soob.Inst. arkheol. (4b)	Akademiia nauk SSSR. Institut arkheologii. Kratkie soobshcheniia o dokladakh i polevykh issledovaniiakh [Academy of Sciences of the U.S.S.R. Institute of Archaeology. Brief Summaries of Reports and Field Explorations]

Krat.soob.Inst. nar.Azii (4a)	Akademiia nauk SSSR. Institut narodov Azii. Kratkie soobshcheniia [Academy of Sciences of the U.S.S.R. Institute of the Peoples of Asia. Brief reports]
Kryl.rod. (16b)	Kryl'ia rodiny [Wings of the Motherland]
Kul't.i zhizn' (1b)	Kul'tura i zhizn' [Culture and Life]
Kul't.pros rab. (8a)	Kul'turno-prosvetitel'naia rabota [Cultural and Educational Work]
Les.khoz (15c)	Lesnoe khoziaistvo [Forestry]
Let.gazet.st. (2a)	Letopis' gazetnykh statei [Chronicle of Newspaper Articles]
Let.zhur. st. (2a)	Letopis' zhurnal'nykh statei [Chronicle of Periodical Articles]
Lit.arkh. (11b)	Literaturnyi arkhiv [Literary Archives]
Lit i isk nar SSSR i zarub.stran (11b)	Literatura i iskusstvo narodov SSSR i zarubezhnykh stran [Literature and Art of the Peoples of the U.S.S.R. and Foreign Countries]
Lit slav nar. (11b)	Literatura slavianskikh narodov [Literature of Slavic Peoples]
Mashinostroitel' (16g)	Mashinostroitel' [Machine Builder]
Masl.-zhir.prom. (16c)	Masloboino-zhirovaia promyshlennost' [Oils and Fats Industry]
Mat.i issl.po arkheol. (4b)	Materialy i issledovaniia po arkheologii SSSR [Materials and Research in the Archaeology of the U.S.S.R.]
Mat.po proizv.sil Uzb. (5b)	Materialy po proizvoditel'nym silam Uzbekistana [Materials on Productive Forces of Uzbekistan]
Mat.sbor. (13e)	Matematicheskii sbornik [Mathematical Review]
Med.rad. (14a)	Meditsinskaia radiologiia [Medical Radiology]
Med.ref.zhur. (14a)	Meditsinskii referativnyi zhurnal [Medical Abstracts]
Med.zhur.Uzb. (14a)	Meditsinskii zhurnal Uzbekistana [Medical Journal of Uzbekistan]
Mekh.i avtom. proizv. (16g)	Mekhanizatsiia i avtomatizatsiia proizvodstva [Mechanization and Automation of Production]
Mest.prom.i khud.promys. (16f)	Mestnaia promyshlennost' i khudozhestvennye promysly [Local Industry and Art Trades]
Metalloved.i term. obr.met (16h)	Metallovedenie i termicheskaia obrabotka metallov [Metals and Heat Treatment of Metals]
Metallurg (16h)	Metallurg [Metallurgist]
Meteor.i gidrol. (13f)	Meteorologiia i gidrologiia [Meteorology and Hydrology]
Mezhdunar. zhizn' (6)	Mezhdunarodnaia zhizn' [International Life]
Mir.ekon.i mezhdunar.otn. (5b)	Mirovaia ekonomika i mezhdunarodnye otnosheniia [World Economics and International Relations]
Mol.komm. (8)	Molodoi kommunist [The Young Communist]
Mor.flot (17b)	Morskoi flot [The Merchant Marine]
Mystetstvo (10a)	Mystetstvo [Art]. In Ukrainian
NTO (16a)	Nauchno-tekhnicheskie obshchestva SSSR [Scientific Technological Societies of the U.S.S.R.]
Nar.khoz.Uzb. (5b)	Narodnoe khoziaistvo Uzbekistana [The National Economy of Uzbekistan]
Nar.obr. (8a)	Narodnoe obrazovanie [Public Education]
Nauch.dokl.vys. shkoly; filos. nauki (3a)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Nauchnye doklady vysshei shkoly; filosofskie nauki [Ministry of Higher and Secondary Specialized Education. Research Papers of Higher Schools; Philosophical Sciences]
Nauch.dokl.vys. shkoly; ist.nauki (4a)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Nauchnye doklady vysshei shkoly; istoricheskie nauki [Ministry of Higher and Secondary Specialized Education. Research Papers of Higher Schools; Historical Sciences]
Nauch.soob Inst gor dela (16h)	ǂ Akademiia nauk SSSR. Institut gornogo dela. Nauchnye soobshcheniia [Academy of Sciences of the U.S.S.R. Institute of Mining. Scientific Reports]
Nauch.soob.NIISF (16d)	ǂ Akademiia stroitel'stva i arkhitektury SSSR. Institut stroitel'noi fiziki i ograzhdaiushchikh konstruktsii. Nauchnoe soobshchenie [Academy of Construction and Architecture of the U.S.S.R. Institute of Construction Physics and Outside Wall Structures. Scientific Report]
Nauch.trudy KOMS (15a)	ǂ Timiryazevo. Kaliningradskaia oblastnaia opytno-meliorativnaia stantsiia. Nauchnye trudy [Kaliningrad Province Experimental and Land Improvement Station. Studies]
Nauch.trudy Ukr. nauch.-issl.inst. pochv. (15a)	ǂ Kharkov. Ukrainskii nauchno-issledovatel'skii institut pochvovedeniia. Nauchnye trudy [Ukrainian Research Institute of Soil Science. Studies]
Nauch.zap.Chit. inst.epid.,mikrobiol.i gig. (14a)	ǂ Chita. Institut epidemiologii, mikrobiologii i gigieny. Nauchnye zapiski [Institute of Epidemiology, Microbiology, and Hygiene. Studies].
Nauch.zap.IMA AN URSR. Ser. mashinoved. (16g)	Akademiia nauk URSR, Kiev. Instytut mashynoznavstva i avtomatyky. Nauchnye zapiski. Seriia mashinovedenii [Academy of Sciences of the Ukrainian S.S.R. Institute of Machinery and Automatics. Studies. Series in Mechanical Engineering]
Nauch.zap. Ukrniiproekta (16h)	Kiev. Gosudarstvennyi nauchno-issledovatel'skii i proektnyi institut ugol'noi, rudnoi, neftianoi i gazovoi promyshlennosti "Ukrniiproekt." Nauchnye zapiski [State Scientific Research and Planning Institute for the Coal, Ore Extraction, Petroleum, and Gas Industries "Ukrniiproekt." Studies]
Nauch.zap.VLTI (15c)	ǂ Voronezh Lesotekhnicheskii institut. Nauchnye zapiski [Forestry and Lumbering Institute. Studies]
Nauk.zap.Stan. derzh ped inst (1a)	ǂ Stanislav Derzhavnyi pedagogichnyi instytut Naukovi zapysky [State Pedagogical Institute Studies]. In Ukrainian
Nauka i zhizn' (13a)	Nauka i zhizn' [Science and Life]
Nauka i zhyttia (13a)	Nauka i zhyttia [Science and Life]. In Ukrainian.
Neft.khoz. (16h)	Neftianoe khoziaistvo [The Petroleum Industry]
Neva (11b)	Neva
Nov.inostr.ekon. lit. (5b)	Novaia inostrannaia ekonomicheskaia literatura [New Foreign Economic Literature]
Nov.inostr.lit.po iaz. (11a)	Novaia inostrannaia literatura po iazykoznaniiu [New Foreign Literature in Linguistics]
Nov.inostr.lit.po lit. (11b)	Novaia inostrannaia literatura po literaturovedeniiu [New Foreign Literature on the Study of Literature]
Nov.knigi (2a)	Novye knigi [New Books]
Nov.knigi za rub. Ser.A (13a)	Novye knigi za rubezhom. Seriia A. Matematika, mekhanika, astronomiia, fizika, geofizika, khimiia, geologiia [New Foreign Books. Series A: Mathematics, Mechanics, Astronomy, Physics, Geophysics, Chemistry, Geology]
Nov.knigi za rub. Ser.B. (16a)	Novye knigi za rubezhom. Seriia B: Tekhnika [New Foreign Books. Series B: Technology]
Nov.knigi za rub. Ser.V (2a)	Novye knigi za rubezhom. Seriia V: Biologiia, meditsina, sel'skoe khoziaistvo [New Foreign Books. Series V: Biology, Medicine, Agriculture]
Nov.knigi za rub.po obshchestv. naukam;ekon., filos.,ist., mezhdunar.otn. (2a)	Novye knigi za rubezhom po obshchestvennym naukam; ekonomika, filosofiia, istoriia, mezhdunarodnye otnosheniia [New Foreign Books on the Social Sciences; Economics, Philosophy, History, International Relations]
Nov.lit.po evrop. stran.nar.dem.: Rum. (2a)	Novaia literatura po evropeiskim stranam narodnoi demokratii: Rumyniia [New Literature on European People's Democracies: Rumania]
Nov.lit.po evrop. stran.nar.dem.i slav.: Chekh. (2a)	Novaia literatura po evropeiskim stranam narodnoi demokratii i slavianovedeniiu: Chekhoslovakiia [New Literature on European People's Democracies and Slavic Studies: Czechoslovakia]
Nov.lit.po evrop. stran.nar.dem. i slav.: Pol'. (2a)	Novaia literatura po evropeiskim stranam narodnoi demokratii i slavianovedeniiu: Pol'sha [New Literature on European People's Democracies and Slavic Studies: Poland]
Nov.lit.po IUg. (2a)	Novaia literatura po IUgoslavii [New Literature on Yugoslavia]
Nov.sov ekon.lit (5b)	Novaia sovetskaia ekonomicheskaia literatura [New Soviet Economic Literature]
Nov.sov.i inostr. lit.po stran. zarub.Vost. (2a)	Novaia sovetskaia i inostrannaia literatura po stranam zarubezhnogo Vostoka [New Soviet and Foreign Literature on the Countries of the Non-Soviet East]
Nov.sov.lit.o nauke i nauch.-issl.rab. v SSSR (2a)	Novaia sovetskaia literatura o nauke i nauchno-issledovatel'skoi rabote v SSSR [New Soviet Literature on Science and General Research in the U.S.S.R.]
Nov.sov lit.po filosof. (3a)	Novaia sovetskaia literatura po filosofii [New Soviet Literature on Philosophy]
Nov.sov.lit.po iaz. (11a)	Novaia sovetskaia literatura po iazykoznaniiu [New Soviet Literature in Linguistics]
Nov.sov.lit.po ist. arkheol.i etn. (4a)	Novaia sovetskaia literatura po istorii, arkheologii i etnografii [New Soviet Literature on History, Archaeology, and Ethnography]
Nov.sov.lit.po lit. (11b)	Novaia sovetskaia literatura po literaturovedeniiu [New Soviet Literature on the Study of Literature]
Nov.tov. (5a)	Novye tovary; informatsionnyi biulleten' [New Consumer Goods; Information Bulletin]
Nov.vrem. (6)	Novoe vremia [New Times]
Obog.rud (16h)	Obogashchenie rud [Ore Dressing]
Obshchestv.nauki v Uz. (1a)	Obshchestvennye nauki v Uzbekistane [Social Sciences in Uzbekistan]
Och.po sovr.sov. i zarub.ekon. (5b)	ǂ Ocherki po sovremennoi sovetskoi i zarubezhnoi ekonomike [Studies on Contemporary Soviet and Foreign Economics]
Ogonek (1b)	Ogonek [The Little Light]

Okeanologiia (12b)	Okeanologiia [Oceanology]
Oktiabr' (11b)	Oktiabr' [October]
Osnovy nematodologii (13c)	Akademiia nauk SSSR. Gel'mintologicheskaia laboratoriia. Osnovy nematodologii [Academy of Sciences of the U.S.S.R. Helminthological Laboratory. Principles of Nematodology]
Otv. na vop. rab. (1b)	Otvechaem na voprosy rabochikh [We Answer Workers' Questions]
Otv na vop. trud (1b)	Otvety na voprosy trudiashchikhsia [Replies to Workers' Questions]
Pam kul't (4b)	Moscow. Gosudarstvennyi istoricheskii muzei. Pamiatniki kul'tury [State Historical Museum. Landmarks of Culture]
Part. zhizn' (6)	Partiinaia zhizn' [Party Life]
Part. zhizn' Kazakh (6)	Partiinaia zhizn' Kazakhstana [Party Life of Kazakhstan]
Pediatriia (14b)	Pediatriia [Pediatrics]
Plan. khoz. (5b)	Planovoe khoziaistvo [Planned Economy]
Plast. massy (18c)	Plasticheskie massy [Plastics]
Polit. samoobr. (6)	Politicheskoe samoobrazovanie [Political Self-Education]
Pozh. delo (16d)	Pozharnoe delo [Fire Fighting]
Prep. ist. v shkole (4a)	Prepodavanie istorii v shkole [Teaching History in Schools]
Priborostroenie (16g)	Priborostroenie [Instrument Manufacture]
Prikl. mat. i mekh. (13a)	Prikladnaia matematika i mekhanika [Applied Mathematics and Mechanics]
Priroda (13a)	Priroda [Nature]
Prisp. dlia tekh. obsluzh. i rem. avt. (16g)	Prisposobleniia dlia tekhnicheskogo obsluzhivaniia i remonta avtomobilei [Accessories for Technical Servicing and Repair of Automobiles]
Probl. Arkt. i Antarkt. (12b)	Problemy Arktiki i Antarktiki [Problems of the Arctic and the Antarctic]
Probl. gemat. i perel. krovi (14a)	Problemy gematologii i perelivaniia krovi [Problems of Hematology and Blood Transfusion]
Probl kib. (13a)	Problemy kibernetiki [Problems of Cybernetics]
Probl Sev (12b)	Problemy Severa [Problems of the North]
Probl tub. (14a)	Problemy tuberkuleza [Problems of Tuberculosis]
Prof.-tekh. obr. (16a)	Professional'no-tekhnicheskoe obrazovanie [Vocational Technical Education]
Prom. Arm. (18a)	Promyshlennost' Armenii [Industry of Armenia]
Prom energ. (18e)	Promyshlennaia energetika [Industrial Power]
Put' i put. khoz. (16d)	Put' i putevoe khoziaistvo [Railroad Tracks and Roadway Maintenance]
Pyt. shev. (11b)	Pytannia shevchenkoznavstva [Problems in the Study of Shevchenko). In Ukrainian.
Rad. lit. (11b)	Radians'ke literaturoznavstvo [Soviet Literary Review). In Ukrainian.
Rad. pravo (7)	Radians'ke pravo [Soviet Law). In Ukrainian.
Rad. shk. (6a)	Radians'ka shkola [Soviet School). In Ukrainian.
Radio (18e)	Radio [Radio]
Radiotekh. i elektron. (18e)	Radiotekhnika i elektronika [Radio Engineering and Electronics]
Raspr. pech. (2c)	Rasprostranenie pechati [Distribution of Publications]
Rech. transp. (17b)	Rechnoi transport [Inland Water Transportation]
Ref. sbor.: Ekon. prom. (5b)	Referativnyi sbornik: Ekonomika promyshlennosti [Journal of Abstracts: Economics of Industry]
Ref. zhur.: Astron. i geod. (13b)	Referativnyi zhurnal: Astronomiia i geodeziia [Journal of Abstracts: Astronomy and Geodesy]
Ref. zhur.: Biol. (13c)	Referativnyi zhurnal: Biologiia [Journal of Abstracts: Biology]
Ref. zhur.: Elektrotekh. (18e)	Referativnyi zhurnal: Elektrotekhnika [Journal of Abstracts: Electrical Engineering]
Ref. zhur.: Elektrotekh. i energ. (18e)	Referativnyi zhurnal: Elektrotekhnika i energetika [Journal of Abstracts: Electrical Engineering and Electric Power]
Ref. zhur.: Fiz. (13f)	Referativnyi zhurnal: Fizika [Journal of Abstracts: Physics]
Ref. zhur.: Geog. (12b)	Referativnyi zhurnal: Geografiia [Journal of Abstracts: Geography]
Ref. zhur.: Geol. (12c)	Referativnyi zhurnal: Geologiia [Journal of Abstracts: Geology]
Ref. zhur.: Gor. delo (16h)	Referativnyi zhurnal: Gornoe delo [Journal of Abstracts: Mining]
Ref. zhur.: Khim. (13d)	Referativnyi zhurnal: Khimiia [Journal of Abstracts: Chemistry]
Ref. zhur.: Mashinostr. (16g)	Referativnyi zhurnal: Mashinostroenie [Journal of Abstracts: Machinery Manufacture]
Ref. zhur.: Mekh. (13f)	Referativnyi zhurnal Mekhanika [Journal of Abstracts: Mechanics]
Ref. zhur.: Met (16h)	Referativnyi zhurnal Metallurgiia [Journal of Abstracts: Metallurgy]
Rev. dvizh. v Sib. i na Dal'. Vost. (4a)	† Revoliutsionnoe dvizhenie v Sibiri i na Dal'nem Vostoke [The Revolutionary Movement in Siberia and the Far East]
Rom.-germ. filol. (11a)	† Romano-germanskaia filologiia [Romance and Germanic Philology]
Ryb khoz. (15b)	Rybnoe khoziaistvo [Fisheries]
Sakh. prom. (18c)	Sakharnaia promyshlennost' [Sugar Industry]
Sbor. bot. rab Bel. otd. VBO (13c)	Vsesoiuznoe botanicheskoe obshchestvo. Belorusskoe otdelenie. Sbornik botanicheskikh rabot [All-Union Botanical Society. White Russian Branch. Botanical Papers]
Sbor nauch rab kaf. polit. ekon vuzov g. Khar. (5b)	† Sbornik nauchnykh rabot kafedr politicheskoi ekonomii vuzov g Khar'kova [Collected Papers by the Departments of Economics of Kharkov Institutions of Higher Education]
Sbor. nauch. rab. Len. inst. sov. torg. (5a)	Leningrad. Institut sovetskoi torgovli. Sbornik nauchnykh rabot [Institute of Soviet Commerce. Collected Papers]
Sbor. nauch. trud. TISI (16d)	Tomsk. Inzhenerno-stroitel'nyi institut. Sbornik nauchnykh trudov [Civil Engineering Institute. Collected Scientific Papers]
Sbor. perev. mat iz inostr. period. lit. po vop. avt transp. (16g)	Avtomobil'nyi transport za rubezhom; sbornik perevodnykh materialov iz inostrannoi periodicheskoi literatury po voprosam avtomobil'nogo transporta [Automotive Transportation Abroad; Translations of Foreign Periodical Literature on Problems of Automotive Transportation]
Sbor rab. kaf. angl i nem. iaz. (11a)	† Novosibirsk. Gosudarstvennyi pedagogicheskii institut. Uchenye zapiski. Sbornik rabot kafedr angliiskogo i nemetskogo iazykov [State Pedagogical Institute Studies. Collected Papers of the Departments of the English and German Languages]
Sbor. rab. po ekol. i sist. zhiv. (13c)	† Sbornik rabot po ekologii i sistematike zhivotnykh [Collected Papers on Animal Ecology and Systematics]
Sbor. rab. po ikht. i gidrobiol. (13c)	† Sbornik rabot po ikhtiologii i gidrobiologii [Papers on Ichthyology and Hydrobiology]
Sbor. st. LITMO (18g)	Leningrad. Institut tochnoi mekhaniki i optiki. Sbornik statei [Institute of Precision Mechanics and Optics. Collected Papers]
Sbor. stud. nauch. rab. po gum. tsik. MOPI (1a)	† Moscow. Moskovskii oblastnoi pedagogicheskii institut. Sbornik studencheskikh nauchnykh rabot po gumanitarnomu tsiklu [Moscow Province Pedagogical Institute. Student Papers in the Humanities]
Sbor. trud. Inst. gor. dela AN URSR (16h)	Akademiia nauk URSR, Kiev. Instytut hirnychoi spravy. Sbornik trudov [Academy of Sciences of the Ukrainian S.S.R. Institute of Mining. Collected Papers]
Sbor. trud. NIIST (16d)	Akademiia stroitel'stva i arkhitektury SSSR. Institut sanitarnoi tekhniki. Sbornik trudov [Academy of Construction and Architecture of the U.S.S.R. Institute of Sanitary Engineering. Collected Papers]
Sbor. trud. NIIZHelezobetona (18d)	† Moscow. Gosudarstvennyi nauchno-issledovatel'skii institut zhelezobetonnykh izdelii, stroitel'nykh i neruduykh materialov. Sbornik trudov [State Scientific Research Institute of Reinforced Concrete Products, Building Materials, and Rock Products Collected Papers]
Sbor. trud. VNIINSM (16d)	[Vsesoiuznyi nauchno-issledovatel'skii institut novykh stroitel'nykh materialov. Sbornik trudov [All-Union Scientific Research Institute of New Building Materials. Collected Papers]
Sem'ia i shkola (8a)	Sem'ia i shkola [Family and School]
Soob. AN Gruz. SSR (1a)	Akademiia nauk Gruzinskoi SSR, Tiflis. Soobshcheniia [Academy of Sciences of the Georgian S.S.R. Reports. Russian language edition]
Soob Biur. obser. (13b)	Byurakan. Observatoriia Soobshcheniia [Byurakan Observatory. Reports]
Soob. Gos. Erm. (10a)	Leningrad. Ermitazh. Soobshcheniia [Hermitage. Reports]
Sots. zakon. (7)	Sotsialisticheskaia zakonnost' [Socialist Legality]
Sov. bibl. (2a)	Sovetskaia bibliografiia [Soviet Bibliography]
Sov. etn. (12a)	Sovetskaia etnografiia [Soviet Ethnography]
Sov. foto (18c)	Sovetskoe foto [The Soviet Photo]
Sov. gos. i pravo (7)	Sovetskoe gosudarstvo i pravo [The Soviet State and Law]
Sov. iust. (7)	Sovetskaia iustitsiia [Soviet Justice]
Sov. krim. na sluzh. sled. (7)	Sovetskaia kriminalistika na sluzhbe sledstviia [Soviet Criminology in the Service of Investigation]
Sov. med. (14a)	Sovetskaia meditsina [Soviet Medicine]
Sov. muz. (9b)	Sovetskaia muzyka [Soviet Music]

Sov.pech. (11b)	Sovetskaia pechat' [Soviet Press]
Sov.shakht. (16h)	Sovetskii shakhter [Soviet Miner]
Sov.torg. (5a)	Sovetskaia torgovlia [Soviet Commerce]
Sov.voin (17a)	Sovetskii voin [Soviet Soldier]
Sov.zdrav. (14a)	Sovetskoe zdravookhranenie [Soviet Health Service]
Sovr.kit.lit.po obshchestv.naukam (1a)	Sovremennaia kitaiskaia literatura po obshchestvennym naukam; referativnyi sbornik [Contemporary Chinese Literature on the Social Sciences, Journal of Abstracts]
Sovr.Mong. (1b)	Sovremennaia Mongoliia [Contemporary Mongolia]
Sred.spets. obr. (8a)	Srednee spetsial'noe obrazovanie [Secondary Specialized Education]
Stan.i instr. (16g)	Stanki i instrument [Machine Tools and Their Cutting Tools]
Standartizatsiia (16a)	Standartizatsiia [Standardization]
Stomatologiia (14h)	Stomatologiia [Stomatology]
Stroi.i arkhit. Mosk. (10b)	Stroitel'stvo i arkhitektura Moskvy [Construction and Architecture in Moscow]
Stroitel' (16d)	Stroitel' [The Builder]
Sudostroenie (17b)	Sudostroenie [Shipbuilding]
Svetotekhnika (16e)	Svetotekhnika [Illuminating Engineering]
Teatr (9c)	Teatr [The Theater]
Tekh.kino i telev. (9a)	Tekhnika kino i televidenila [Motion-Picture and Television Engineering]
Tekh.mol. (16a)	Tekhnika - molodezhi [Technology for Youth]
Tekst.prom. (16f)	Tekstil'naia promyshlennost' [Textile Industry]
Terap.arkh. (14e)	Terapevticheskii arkhiv [Therapeutic Archives]
Trakt.i sel'khoz-mash. (16g)	Traktory i sel'khozmashiny [Tractors and Agricultural Machinery]
Trudy Bot inst. Ser 3 (13c)	Akademiia nauk SSSR Botanicheskii institut Trudy, Seriia 3 Geobotanika [Academy of Sciences of the U S S R Botanical Institute Transactions, Series 3, Geobotany]
Trudy Bot.inst. Ser.5 (13c)	Akademiia nauk SSSR. Botanicheskii institut. Trudy, Seriia 5. Rastitel'noe syr'e [Academy of Sciences of the U.S.S.R. Botanical Institute. Transactions, Series 5. Plant Resources]
rudy CHIMESKH (15a)	Chelyabinsk. Institut mekhanizatsii i elektrifikatsii sel'skogo khoziaistva. Trudy [Institute for the Mechanization and Electrification of Agriculture. Transactions].
Trudy GAO (13b)	Pulkovo. Glavnaia astronomicheskaia observatoriia. Trudy [Main Astronomical Observatory. Transactions]
Trudy GGO (13f)	Leningrad. Glavnaia geofizicheskaia observatoriia. Trudy [Main Geophysical Observatory. Transactions]
Trudy GIEKI (16e)	Leningrad. Gosudarstvennyi issledovatel'skii elektrokeramicheskii institut. Trudy [State Electrical Ceramics Research Institute. Transactions]
Trudy GOIN (12b)	Moscow. Gosudarstvennyi okeanograficheskii institut Trudy [State Oceanographic Institute. Transactions]
Trudy Gidrobiol ob-va (13c)	Vsesoiuznoe gidrobiologicheskoe obshchestvo. Trudy [All-Union Hydrobiological Society. Transactions]
Trudy Glav.bot. sada (13c)	Moscow. Glavnyi botanicheskii sad, Pushkinskoe. Trudy [Main Botanical Garden. Transactions]
	[State Scientific Research Institute]
	ii rudnykh mesto- i geokhimii. Trudy R. Institute of the Mineralogy, and
	konomi- an
	ot Kazakh tions]
	t es
	ia
	inces
	r of
	titut of loil ons]
Trudy Inst.seism. stroi.i seism. (16d)	Akademiia nauk Tadzhikskoi SSR, Dushanbe. Institut seismostoikogo stroitel'stva i seismologii. Trudy [Academy of Sciences of the Tajik S.S.R. Institute of Earthquakeproof Construction and Seismology. Transactions]
Trudy KTIPP (10c)	Kiev. Tekhnologicheskii institut pishchevoi promyshlennosti. Trudy [Technological Institute of the Food Industry. Transactions]
Trudy Karag.bot. sada (13c)	Akademiia nauk Kazakhskoi SSR, Alma-Ata. Karagandinskii botanicheskii sad. Trudy [Academy of Sciences of the Kazakh S.S.R. Karaganda Botanical Garden. Transactions]
Trudy Komi fil. AN SSSR (1a)	Akademiia nauk SSSR Komi filial, Syktyvkar. Trudy [Academy of Sciences of the U.S.S.R. Komi Branch. Transactions]
Trudy LIEI (16a)	Leningrad. Leningradskii inzhenerno-ekonomicheskii institut. Trudy [Leningrad Engineering and Economics Institute. Transactions]
Trudy LSGMI (14g)	Leningrad. Sanitarno-gigienicheskii meditsinskii institut. Trudy [Medical Institute of Sanitation and Hygiene. Transactions]
Trudy Lab geol dokem (12c)	Akademiia nauk SSSR Laboratoriia geologii dokembriia Trudy [Academy of Sciences of the U S S R Laboratory of the Geology of the Pre-Cambrian Transactions]
Trudy Lab.gidrogeol.probl. (12c)	Akademiia nauk SSSR, Laboratoriia gidrogeologicheskikh problem. Trudy [Academy of Sciences of the U.S.S.R. Laboratory for Hydrogeological Problems. Transactions]
Trudy MATI (16b)	Moscow. Aviatsionnyi tekhnologicheskii institut. Trudy [Technological Institute of Aeronautics. Transactions]
Trudy MGRI (12c)	Moscow. Moskovskii geologorazvedochnyi institut. Trudy [Moscow Geological Prospecting Institute. Transactions]
Trudy MIIT (16g)	Moscow. Moskovskii institut inzhenerov zheleznodorozhnogo transporta. Trudy [Moscow Institute of Engineers of Railroad Transportation. Transactions]
Trudy MINKHiGP (16h)	Moscow. Institut neftekhimicheskoi i gazovoi promyshlennosti. Trudy [Institute of the Petrochemical and Gas Industry. Transactions]
Trudy Mekhanobr (16h)	Leningrad. Nauchno-issledovatel'skii i proektnyi institut mekhanicheskoi obrabotki poleznykh iskopaemykh. Trudy [Scientific Research and Planning Institute for the Mechanical Processing of Minerals. Transactions]
Trudy NII prom. zdan i soor. (16d)	Akademiia stroitel'stva i arkhitektury SSSR. Institut promyshlennykh zdanii i sooruzhenii. Trudy [Academy of Construction and Architecture of the U.S.S.R Institute of Industrial Buildings and Structures. Transactions]
Trudy NIIAK (13f)	Moscow. Nauchno-issledovatel'skii institut aeroklimatologii. Trudy [Scientific Research Institute of Aeroclimatology. Transactions]
[Trudy] NIIOSP (16d)	Akademiia stroitel'stva i arkhitektury SSSR. Institut osnovanii i podzemnykh sooruzhenii. [Trudy] [Academy of Construction and Architecture of the U.S.S.R. Institute of Foundations and Underground Construction. (Transactions)]
Trudy Nauch.-proizv.konf.po agron. (15a)	Ulan-Ude. Buriatskii zooveterinarnyi institut. Trudy Nauchno-proizvodstvennoi konferentsii po agronomii [Buryat Zootechnical and Veterinary Institute. Transactions of the Scientific and Practical Conference on Agronomy]
Trudy Okean.kom. (12b)	Akademiia nauk SSSR. Okeanograficheskaia komissiia. Trudy [Academy of Sciences of the U.S.S.R. Oceanographic Commission. Transactions]
Trudy Perm. farm.inst. (14f)	Perm. Farmatsevticheskii institut. Trudy [Pharmaceutical Institute. Transactions]
Trudy SIMSKH (15a)	Saratov. Institut mekhanizatsii sel'skogo khoziaistva. Trudy [Institute of the Mechanization of Agriculture. Transactions]
Trudy Sekt.fiziol. AN Azerb.SSR (13c)	Akademiia nauk Azerbaidzhanskoi SSR, Baku Sektor fiziologii. Trudy [Academy of Sciences of the Azerbaijan S.S.R Sector of Physiology. Transactions]
Trudy Sred.-Az. nauch.-issl. gidrometeor.inst. (13f)	Sredneaziatskii nauchno-issledovatel'skii gidrometeorologicheskii institut. Trudy [Central Asia Hydrometeorological Research Institute. Transactions]
Trudy TSNII MPS (16g)	Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. Trudy [All-Union Scientific Research Institute of Railroad Transportation. Transactions]
Trudy TSNIIS (16d)	Babushkin. Vsesoiuznyi nauchno-issledovatel'skii institut transportnogo stroitel'stva. Trudy [All-Union Scientific Research Institute of Transportation Construction. Transactions]
Trudy TSNIISK (16d)	Akademiia stroitel'stva i arkhitektury SSSR. Institut stroitel'nykh konstruktsii. Trudy [Academy of Construction and Architecture of the U.S.S.R. Institute of Construction Design. Transactions]
[Trudy] TSNIITMASH (16g)	Moscow. TSentral'nyi nauchno-issledovatel'skii institut tekhnologii i mashinostroeniia. (Trudy) [Central Scientific Research Institute of Technology and Machinery Manufacture. (Transactions)]
Trudy Tadzh.gos. un. (1a)	Stalinabad. Universitet. Trudy [University. Transactions]
Trudy TashGU (1a)	Tashkent. Universitet. Trudy [University. Transactions]

Trudy UkrNIGMI (13f)	Kiev. Ukrainskii nauchno-issledovatel'skii gidrometeorologicheskii institut. Trudy [Ukrainian Scientific Research Hydrometeorological Institute. Transactions]
Trudy Uralmekhanobra (16h)	ǂ Sverdlovsk. Nauchno-issledovatel'skii i proektnyi institut obogashchenila i mekhanicheskoi obrabotki poleznykh iskopaemykh "Uralmekhanobr." Trudy [Scientific Research and Planning Institute for the Concentration and Mechanical Processing of Minerals. Transactions]
Trudy VNII (16h)	Vsesoiuznyi neftegazovyi nauchno-issledovatel'skii institut. Trudy [All-Union Scientific Research Institute of Petroleum and Natural Gas. Transactions]
Trudy VNIIBT (16h)	Vsesoiuznyi nauchno-issledovatel'skii institut burovoi tekhniki. Trudy [All-Union Scientific Research Institute of Drilling Techniques. Transactions]
Trudy VNIIGAZ (16c)	Vsesoiuznyi nauchno-issledovatel'skii institut prirodnykh gazov. Trudy [All-Union Scientific Research Institute of Natural Gas Transactions]
Trudy VNIIKIMASH (16g)	Vsesoiuznyi nauchno-issledovatel'skii institut kislorodnogo mashinostroenila Trudy [All-Union Scientific Research Institute of Industrial Oxygen Apparatus Construction. Transactions]
Tyl.i snab.Sov. Voor.Sil (17a)	Tyl i snabzhenie Sovetskikh Vooruzhennykh Sil [The Rear and Supply of Soviet Armed Forces]
Uch.trudy Kazakh. gos.un.Ser.iur. (7)	ǂ Alma-Ata. Universitet. Uchenye trudy. Seriia iuridicheskaia [University. Studies. Juridical Series]
Uch.zap.IMO (6)	Moscow. Institut mezhdunarodnykh otnoshenii. Uchenye zapiski [Institute of International Relations. Studies]
Uch.zap.Kaf. obshchestv.nauk vuz.g Len.;polit. ekon. (5b)	Uchenye zapiski kafedr obshchestvennykh nauk vuzov g. Leningrada; Politicheskaia ekonomiia [Studies by the Departments of Social Sciences of Leningrad Institutions of Higher Education; Economics].
Uch.zap.Kish.un. (1a)	Kishinev. Universitet. Uchenye zapiski [University. Studies]
Uch.zap.MOPI (1a)	Moscow. Moskovskii oblastnoi pedagogicheskii institut. Uchenye zapiski [Moscow Province Pedagogical Institute. Studies]
Uch.zap.Mosk.gor. ped.inst. (1a)	Moscow. Gorodskoi pedagogicheskii institut. Uchenye zapiski [Moscow City Pedagogical Institute. Studies]
Uch.zap.Ped.inst. Gerts. (1a)	Leningrad. Gosudarstvennyi pedagogicheskii institut im.A.I.Gertsena. Uchenye zapiski [State Pedagogical Institute. Studies]
Uch.zap.RGU (1a)	Rostov-on-Don. Universitet. Uchenye zapiski [University. Studies]
Ugol' Ukr. (16h)	Ugol' Ukrainy [Coal of the Ukraine]
Vech.sred.shkola (8a)	Vechernlaia srednlaia shkola [Evening Secondary School]
Ved.Verkh.Sov RSFSR (6)	Russia (1917- R.S.F.S.R.) Verkhovnyi Sovet. Vedomosti [Supreme Soviet. Gazette]
Ved.Verkh.Sov. SSSR (6)	Russia (1923- U.S.S.R.) Verkhovnyi Sovet. Vedomosti [Supreme Soviet. Gazette]
Vest.AMN SSSR (14a)	Akademiia meditsinskikh nauk SSSR, Moscow, Vestnik [Academy of Medical Sciences of the U.S.S.R. Journal]
Vest.AN SSSR (1a)	Akademiia nauk SSSR. Vestnik [Academy of Sciences of the U.S.S.R. Journal]
Vest.derm.i ven. (14i)	Vestnik dermatologii i venerologii [Review of Dermatology and Venereology]
Vest.elektroprom. (16e)	Vestnik elektropromyshlennosti [Review of the Electrical Industry]
Vest.khir. (14h)	Vestnik khirurgii [Review of Surgery]
Vest.LGU (1a)	Leningrad. Universitet. Vestnik [University. Review]
Vest.mash. (16g)	Vestnik mashinostroenila [Machine-Building Review]
Vest.Mosk.un.Ser.1: Mat., mekh. (13a)	Moscow. Universitet. Vestnik. Seriia 1: Matematika, mekhanika [University. Review. Series 1: Mathematics, Mechanics]
Vest.Mosk.un. Ser.2: Khim. (13d)	Moscow. Universitet. Vestnik. Seriia 2: Khimiia [University. Review. Series 2: Chemistry]
Vest.Mosk.un. Ser.6:Biol., pochv. (13c)	Moscow. Universitet. Vestnik. Seriia 6: Biologiia, pochvovedenie [University. Review. Series 6: Biology, Soil Science]
Vest.Mosk.un. Ser. 8: Ekon., filos. (5b)	Moscow. Universitet. Vestnik. Seriia 8: Ekonomika, filosofiia [University. Review. Series 8: Economics, Philosophy]
Vest.Mosk.un. Ser.9: Ist. (4a)	Moscow. Universitet. Vestnik. Seriia 9: Istoriia [University. Review. Series 9: History]
Vest.otorin. (14d)	Vestnik otorinolaringologii [Review of Otorhinolaryngology]
Vest.rent.i rad. (14a)	Vestnik rentgenologii i radiologii [Review of Roentgenology and Radiology]
Vest.sel'khoz.nauki (15a)	Vestnik sel'skokhoziaistvennoi nauki [Review of Agricultural Science]
Vest.stat. (5b)	Vestnik statistiki [Statistical Review]
Vest.TSNII MPS (16g)	Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. Vestnik [All-Union Scientific Research Institute of Railroad Transportation. Journal]
Vest.vys.shkoly (8a)	Vestnik vysshei shkoly [Review of Schools for Higher Education]
Vit.res.i ikh isp (14f)	Vitamlnnye resursy i ikh ispol'zovanie [Vitamin Resources and Their Utilization]
Viz vizm. (4a)	Vizantiiskii vremennik [Byzantine Chronicle]
Vnesh.torg. (5a)	Vneshniaia torgovlia [Foreign Trade]
Voen.-ist.zhur. (4a)	Voenno-istoricheskii zhurnal [Military History Journal]
Voen.-med.zhur. (14a)	Voenno-meditsinskii zhurnal [Journal of Military Medicine]
Voen.vest. (17a)	Voennyi vestnik [Military Review]
Vop.ekon. (5b)	Voprosy ekonomiki [Problems of Economics]
Vop.est (3a)	Voprosy estetiki [Problems of Aesthetics]
Vop.filos. (3a)	Voprosy filosofii [Problems of Philosophy]
Vop.geog. (12b)	Voprosy geografii [Problems of Geography]
Vop.geomorf.i geol.osad pokr. Kol'.poluost. (12c)	ǂ Voprosy geomorfologii i osadochnogo pokrova Kol'skogo poluostrova [Problems in the Geomorphology and and Geology of the Sedimentary Cover of the Kola Peninsula]
Vop.ist.KPSS (3)	Voprosy istorii KPSS [Problems of the History of the Communist Party of the Soviet Union]
Vop ist rel.i ateiz (3b)	Voprosy istorii religii i ateizma [Problems of Religion and Atheism]
Vop.kul't recht (1a)	ǂ Voprosy kul'tury rechi [Problems in Speech Culture]
Vop.kur., fizioter. i lech.fiz.kul't. (14e)	Voprosy kurortologii, fizioterapii i lechebnoi fizicheskoi kul'tury [Problems of Resort Therapy, Physical Therapy, and Therapeutic Physical Culture]
Vop.lit. (11b)	Voprosy literatury [Problems of Literature]
Vop.neirokhir. (14h)	Voprosy neirokhirurgii [Problems of Neurosurgery]
Vop.okh.mat.i det. (14b)	Voprosy okhrany materinstva i detstva [Problems of Mother and Child Care]
Vop.onk. (14a)	Voprosy onkologii [Problems of Oncology]
Vop.psikhol. (3a)	Voprosy psikhologii [Problems of Psychology]
Vop.stat.i uchets (5b)	Moscow. Ekonomiko-statisticheskii institut. Voprosy statistiki i ucheta [Institute of Economics and Statistics. Problems of Statistics and Accounting]
Vop.virus. (13c)	Voprosy virusologii [Problems of Virology]
Vrach.delo (14a)	Vrachebnoe delo [Medical Practice]
Vzryv.delo (16h)	Vzryvnoe delo [Blasting]
Vzryv.rab. (16h)	ǂ Vzryvnye raboty [Blasting]
Zap.LGI (16h)	Leningrad. Gornyi institut. Zapiski [Institute of Mining. Records]
Zarub.radioelek. (16e)	Zarubezhnaia radioelektronika [Radio Engineering Abroad]
Zav.lab. (16h)	Zavodskaia laboratoriia [The Factory Laboratory]
Zbir.nauk.prats' Kaf.polit.ekon. Kyiv.un. (5b)	ǂ Kiev. Universytet. Kafedra politychnoi ekonomii. Zbirnyk naukovykh prats' [University. Department of Economics. Collected Papers]
Zdrav.Ros.Feder. (14a)	Zdravookhranenie Rossiiskoi Federatsii [Health Service of the Russian Federation]
Zdrav.Tadzh. (14a)	Zdravookhranenie Tadzhikistana [Health Service of Tajikistan]
Zemledelie (15d)	Zemledelie [illegible]
Zhel.dor tr (10g)	
Znan.mira i	
Zhil.-kom.khoz. (16d)	Zhilishchno-kommunal'noe khoziaistvo [Communal Housing and Services]
Zhur.eksp.i teor. fiz. (13f)	Zhurnal eksperimental'noi i teoreticheskoi fiziki [Journal of Experimental and Theoretical Physics]
Zhur.nauch.i prikl.fot.i kin. (16c)	Zhurnal nauchnoi i prikladnoi fotografii i kinematografii [Journal of Scientific and Applied Photography and Cinematography]
Zhur.prikl.khim. (16c)	Zhurnal prikladnoi khimii [Journal of Applied Chemistry]
Zhur.strukt.khim. (13d)	Zhurnal strukturnoi khimii [Journal of Structural Chemistry]
Zhur.tekh.fiz. (16a)	Zhurnal tekhnicheskoi fiziki [Journal of Technical Physics]
Zhur.ush.,nos.i gorl.bol. (14d)	Zhurnal ushnykh, nosovykh i gorlovykh boleznei [Journal of Ear, Nose, and Throat Diseases]
Zhur.vys.nerv. deiat. (14c)	Zhurnal vysshei nervnoi deiatel'nosti [Journal of the Higher Nervous Function]
Znan.sila (13a)	Znanie - sila [Knowledge is Power]
Znan.ta pratsia (13a)	Znannia ta pratsia [Knowledge and Work]. In Ukrainian.

ACTH

Dynamics of changes in the lymphatic vessels of the liver in dogs and white rats following experimental inflammation of the liver [with summary in English] A V Kraev Arkh anat, gist i embr 41 no 9 16-29 S '61.

Influence of ACTH on the simultaneous activity of 1st and 2d signal systems in patients in the initial stages of schizophrenia [with summary in English] S N Raeva Zhur vys. nerv deiat 11 no 5 835-842 S-O '61.

Side effects of ACTH and cortisone on gastric secretion [with summary in English] I. P Smirnov Klin med no 1 114-116 '62

Side effects of adrenocorticotropic hormone, P. M. Munarov Med. zhur. Uzb no 7 61-62 Jl '61.

ACTH—PHYSIOLOGICAL EFFECT

Action of the adrenocorticotropic hormone on the conditioned reflex activity of white rats. Kh. I Seifulla. Farm. i toks. 24 no 3,267-271 My-Je '61.

Changes in the blood under the influence of ACTH and corticosteroid hormones. L. M. Petrova. Probl. gemat. i perel. krovi no 11;28-33 '61.

ABDOMEN

Histopathology of the central nervous system and morphological changes in certain organs of the abdominal cavity during acute intestinal obstruction in experimental animals. B A Akhundzhanov Med zhur Uzb no 7 43-49 Jl '61

ABDOMEN—DISEASES

"Acute abdomen" in atypical forms of acute infections [with summary in English] R. P Askerkhanov. Sov med. 25 no. 6;121-126 Je '61

Significance of the symptom of percussive painfulness in the diagnosis of acute abdomen N S Mazchenko Sov. med. 25 no 9;137 S '61.

Stenocardia and myocardial infarct simulating "acute abdomen." A. P. Podonenko. Vest. khir no 5; 128-131 '61.

ABDOMEN—INNERVATION

Electrophysiological analysis of excitation conduction in the ganglia of the solar plexus. O N. Zaniatina Fiziol. zhur. 47 no. 6;687-696 Je '61.

ABDOMEN—TUMORS

Comparative evaluation of the methods for pneumography of the abdominal cavity and retroperitoneal space in the diagnosis of tumors [with summary in English]. B P. Shirai. Vop. onk. 7 no. 12;42-47 '61.

Pseudomyxomatosis of the abdominal cavity. R. S. Kolesnikova, V. A. Bukharin. Vest khir. no. 7 79-83 '61

ABDOMINAL ANEURYSM

Complicated aneurysms of the abdominal aorta [with summary in English. M. B. Dubinskii, G. Z. Markman. Vest. khir. no. 6, 48-52 '61.

ABKHAZIA—GEOLOGY, STRATIGRAPHIC

Stratigraphy of upper Cretaceous deposits in central Abkhazia. R. A. Gambashidze. Soob AN Gruz. SSR 27 no. 5;561-566 N '61

ABKHAZIA—MINERAL WATERS—PHYSIOLOGICAL EFFECT

Changes in the secretory and excretory functions of the stomach in gastritis using various mineral waters of Abkhazia. A. L. Grigoliia, N V. Mgeladze, T. K. Dzidzava. Vop. kur., fizioter. i lech. fiz. kul't. 26 no. 6;491-496 N-D '61.

ABKHAZIA—PUBLIC HEALTH, RURAL

Organization of specialized help for the rural population [with summary in English]. Sh. D. Gogokhia. Sov. zdrav. 20 no 7,44-50 '61.

ABORTION—COMPLICATIONS AND SEQUELAE

Treatment of infected abortions. V. I. Bodiazhina. Sov. med. 25 no. 10;99-105 O '61.

ABRASION

Origin of the abrading technique and its significance in the ancient economy. S. A. Semenov. Krat. soob Inst. arkheol. no. 86;3-10 '61.

ABROSIMOVICH, PAVEL VASIL'EVICH, 1900-

Creative path of Pavel Vasil'evich Abrosimovich N. A. Pokareva, A P Shevelev. Izv. ASiA no 2 134-136 '61.

ABSORPTION

Degree of absorption of gaseous substances in dependence on their concentration in a gas mixture flow. M T Borok. Zhur prikl khim. 35 no. 1 95-99 Ja '62

Use of high-frequency analysis in the study of absorption kinetics. V. I Ermakov, K. I. Sakodynskii Khim prom no. 12;868-870 D '61

Water absorption of small concentrations of nitrogen dioxide in dependence on the temperature and effect of ultrasonic waves and electrical ionization. M. T. Borok. Zhur prikl. khim. 35 no. 1 99-101 Ja '62.

ABSORPTION (PHYSIOLOGY)

Permeability of the skin and intensity of the tuberculin reactions in patients with pulmonary tuberculosis [with summary in French] V. M. Torletskii. Probl tub. no 5;45-50 '61

Studies of the effect of artificial hydrogen sulfide baths on processes of absorption from the knee joint cavity. Vop. kur., fizioter. i lech fiz kul't 26 no. 6 532-534 N-D '61

ABSORPTION OF SOUND

Absorption of sound of finite amplitude in a coagulating aerosol. B F Podoshevnikov, B D Tartakovskii. Zhur. prikl. khim 34 no. 11 2573-2577 N '61

ABSTRACT ART see Art, Abstract

ABSTRACTION

Abstracting visually given properties and characteristics of objects [with summary in English]. P. A. Shevarev. Vop. psikhol. 7 no. 6 63-76 N-D '61.

ACADEMY OF SCIENCES OF THE U. S. S. R.

General Meeting of the Department of Chemical Sciences of the Academy of Sciences of the U. S. S. R. held on November 17, 1961 Izv. AN SSSR Otd. khim nauk no. 1 187-188 Ja '62.

In the Presidium of the Academy of Sciences of the U. S. S. R. Vest. AN SSSR 32 no. 1;131 Ja '62

ACADEMY OF SCIENCES OF THE UZBEK S. S. R.

Successes and tasks of science in Soviet Uzbekistan. Obshchestv. nauki v Uz no. 11-7-12 '61.

ACCELERATION—PHYSIOLOGICAL EFFECT

Changes in the electrocardiogram and disorder of the state of the central nervous system under the influence of acceleration. E. V. Marukhanian. Fiziol. zhur 47 no. 7;843-851 Jl '61.

Character of the development of vegetative reactions in subjects during use of angular accelerations of various magnitudes [with summary in English]. IU. G. Grigor'ev. Vest. otorin. no. 6, 76-81 '61.

ACCELERATORS, ELECTRON see Particle accelerators

ACCIDENTS

(see also subdivision under Tula Province)

Trauma in children and measures for its control according to data of surgical clinics in Makhachkala M. R Abdullaev, M. F. Kolesnikov. Sov. med. 25 no. 10;63-66 O '61.

ACCIDENTS—PREVENTION

Child enemy No. 1; Accidents. J. M. Mackintosh. zhen. mira no. 5;30-32 '61.

ACCLIMATIZATION

Changes in the blood picture during the acclimatization of Brown Latvian Cattle imported into Azerbaijan [in Azerbaijani with summary in Russian]. G. T. Efendiev. Trudy Sekt. fiziol. AN Azerb. SSR 4;80-87 '60.

ACCOUNTING

(see also subdivision under Armenia; Germany, East)

Accounting should serve to strengthen contractual relations in the national economy. E. V. Novak Uch. zap. Kish. un. 53:121-123 '61.

New textbook on the theory of accounting. D. I. Pil'menshtein. Vop. stat. i ucheta no. 4;100-123 '61.

Notes on the methods of constructing accounting systems and plans. N. S. Pomaskov. Sbor. nauch rab Len. inst. sov. torg. no. 16;160-177 '60.

Rakhmanov, V. V. [Journal-voucher accounting system in small enterprises] Zhurnal'no-ordernaia forma schetovodstva na nebol'shikh predpriiatiiakh. Moskva, Gosfinizdat, 1961. 207 p.

Role of accounting in the socialization of industry. S. L. Mekhanik. Vop. stat. i ucheta no. 4;74-105 '61.

Strengthen business accounting. B. Kin, A. Grishin, N. Gritsynin. Tyl i snab. Sov. Voor. Sil 21 no. 12;51-58 D '61.

Subject and method of Soviet accounting. D. I. Pil'menshtein. Vop. stat. i ucheta no. 4;5-17 '61.

Uniform accounting plan for Soviet trade. P. V. Mezentsev, V. D. Sokolov. Sbor. nauch. trab. Len. inst. sov. torg. no. 15;161-167 '60

ACCOUNTING—PROBLEMS, EXERCISES, ETC.

Reorganizing the methods for practical exercises on commercial accounting. P. P. Bogashev, I. I Golovanova, M. M. Rumiantseva. Sbor. nauch rab. Len. inst sov. torg no. 16;183-192 '60.

ACETANILIDE—THERAPEUTIC USE

Use of Tibon in treating the nephrotic syndrome [with summary in English]. E. I. Feldman. Vop okh mat i det. 6 no. 8;7-11 Ag '61.

ACETIC ACID

Alkaptonuria. C. Dimitriu and others. Terap. arkh. no. 9;88-91 '61.

Alkaptonuric arthrosis. T. Tashev, G Khadzhidekov, D TSkova Klin. med. no 1;120-131 '62.

Preparation of α-alkoxyalkyl-γ-chloroallylacetic acids M. T Dangian, G M Shakhnazarina, G. A. Markarian. Izv AN Arm SSR, Khim nauki 14 no. 5 491-494 '61

Production control of 2,4-dichlorophenoxyacetic acid by potentiometric titration in a nonaqueous medium. E. A. Gribova. Zav. lab. 27 no. 12;1455-1456 '61

Solid - liquid and liquid - vapor equilibrium in the system dioxane - acetic acid. K. N. Kovalenko, N I. Balandina Uch. zap. RGU 41 39-43 '56.

ACETIC ANHYDRIDE

Time factor in the physicochemical analysis of liquid systems. Part 3; Acetic anhydride - water system. M. Usanovich, E. Bektanov. Izv. vys. ucheb. zav.; khim. i khim. tekh. 4 no. 4;574-579 '61.

ACETOACETAMIDE

Production of some pyrazolones from acetoacetamide and sodium acetoacetate P. A. Levin. Zhur. prikl khim 34 no. 12;2803-2804 D '61

ACETOACETIC ACID

Production of some pyrazolones from acetoacetamide and sodium acetoacetate. P. A. Levin. Zhur. prikl. khim. 34 no. 12;2803-2804 D '61.

ACETONE

Liquid-vapor equilibrium in the system acrolein – acetone at the pressure of 200 mm. of Hg. R. P. Kirsanova, S. Sh. Byk. Zhur. prikl khim. 35 no. 1;100-109 Ja '62.

ACETYLENE

(see also subdivision under United States)

Formation of dispersed carbon during the explosion of acetylene. Trudy VNIIGAZ no. 12;16-26 '61

Safety measures in producing acetylene of natural gas. I. S. Roizen. Bezop. truda v prom. 5 no. 12;18-19 D '61.

Synthesis of pyridylpolyacetylenes. I. L. Kotliarevskii, L. I Vereshchagin. Izv. AN SSSR Otd. khim. nauk no. 1; 162-164 Ja '62

Upper concentration limit of flame propagation in mixtures of acetylene with oxygen and air B. A. Ivanov, S. M. Kogarko Dokl. AN SSSR 142 no 3;637-638 Ja '62.

ACETYLENE BLACK see Carbon black

ACID-BASE EQUILIBRIUM

Changes in the acid base equilibrium under the influence of strophanthin and corglycon in circulatory insufficiency [with summary in English] A L Kabakov Terap. arkh 33 no. 10 38-45 '61.

Reserve alkalinity and true urinary acidity in acute myocardial infarction caused by thrombosis of the coronary artery. A. D. Khetaguri ov. Terap. arkh 33 no 10 33-38 '61

ACIDOSIS

Effect of concomitant diseases on the course of diabetic acidosis in children [with summary in English] N. P. Valedinskaia Pediatriia 40 no 12:33-36 D '61.

ACIDS

Electrometric titration in acid-based determinations. N. A. Khlopin, N. S. Litvinova Trudy Perm. farm. inst. no. 1 142-147 '59

ACIDS, FATTY

Analysis of dibasic acids of the aliphatic series. M. S. Eventova, E. N. Safonova Vest. Mosk. un. Ser 2 Khim 17 no. 1:68-72 Ja-F '62

Effect of soap concentration on the completeness of separation of unsaponifiables. P. G Igonin, V. V. Svitkin Khim. i tekh. topl. i masel 7 no. 2:20-31 F '62.

Effect of the fractional composition of synthetic fatty acids on the thermal stability and performance characteristics of sodium-base greases V V. Smitsyn and others. Khim. i tekh. topl i masel 7 no. 2 53-59 F '62.

ACIDS, FATTY—ANALYSIS

Composition of synthetic fatty acids produced by various plants. N. K Man'kovskaia, A A Perchenko, S A Udovenko. Masl -zhir. prom. 27 no 11:26-29 N '61

ACIDS, ORGANIC

Interaction of ethylenediamine with organic acids and acid anhydrides D E Dionis'ev, N V Magak'ian. Uch. zap. RGU 41 69-81 '58.

Potentiometric determination of acids in mixtures of cellulose acetate production. E A. Emelin, G. P. Svistunova. Zav. lab. 27 no 12 1458-1459 '61

Stereochemistry of cyclic compounds. Report No. 48: Oxidation of anhydride of cis-syn-7-methoxy-1, 2, 3, 9, 10, 10a-hexahydrophenanthrene-1, 2-dicarboxylic acid with peracetic acid, and chemical transformations of products obtained V F Kucherov, L K Lysanchuk, V. M. Andreev. Izv AN SSSR, Otd. khim. nauk no 1:98-106 Ja '62.

Stereochemistry of cyclic compounds Report No. 49: Oxidation of cis-syn-Δ^7-hydrindene-4, 5-dicarboxylic acid and the synthesis of isomeric trans-hydrindane 4, 5-dicarboxylic acids V. F Kucherov, E P. Serebriakov, A V Usova. Izv. AN SSSR, Otd. khim. nauk no. 1, 106-112 Ja '62.

ACIDS, ORGANIC—SPECTRA

Electron paramagnetic resonance spectra of irradiated dicarboxylic acids. IU. N Molin and others. Zhur strukt. khim. 2 no. 3:293-300 My-Je '61

ACOUSTIC NERVE—TUMORS

Trigeminal neuralgia as an initial symptom of the appearance neurinoma of the 8th nerve B. G. Egorov, IU. V. Konovalov, IU. M. Fiiatov. Vop. neirokhir 25 no. 1: 43-49 '62.

ACROLEIN

Liquid - vapor equilibrium in the system acrolein - acetone at the pressure of 200 mm of Hg. R. P. Kirsanova, S. Sh. Byk Zhur. prikl khim. 35 no. 1, 198-199 Ja '62.

Radioactive tracer technique in investigating the mechanism of oxidation of propylene to acrolein on a cuprous oxide catalyst. O A. Golovina, O V. Isaev, M. M. Sakharov. Dokl. AN SSSR 142 no. 3 619-622 Ja '62.

ACRYLAMIDE

Application of polyacrylamide for better preservation of fillers in paper. N. A. Afonchikov, E. A. Terent'ev Bum. prom. 36 no. 11:22-25 N '61.

Using polyacrylamide in the sugar industry. A. K Kartashev and others Sakh. prom 35 no. 11:17-23 N '61

Utilization of polyacrylamides in a flotation pulp trap. P A. Ryl'skaia, M. M. Kozlova. Bum prom 36 no 10: 15 O '61.

ACRYLONITRILE

Production and study of hydrolyzed polyacrylonitrile ("gipan") for stabilizing and increasing the thermostability of clay muds. D. E. Zlotnik. Trudy VNIIBT no. 3:48-59 '61.

ACTINIARIA see Sea-anemones

ACTING

And your opinion? Aman Kul'mamedov and others. Teatr 22 no. 8:80-85 Ag '61.

Bitter reproaches. Vladimir Magar. Teatr 22 no. 8: 86-89 Ag '61.

The discussion continues in Kiev. Teatr 22 no. 8:86 Ag '61.

Purpose of our life. Aleksei Popov. Teatr 22 no. 8: 54-65 Ag '61.

ACTING—STUDY AND TEACHING
(see also subdivision under Spas)

Handicraft or art? [Urii Frid. Teatr 22 no. 8:140-142 Ag '61

ACTINOMETER

Method and apparatus for determining correction factors accounting for the effect of wind on the readings of thermoelectric balance meters P V. Dziachenko Trudy GGO no 116 61-75 '61

ACTINOMYCOSIS

Actinomycosis of the pterygopalatine space. V. A. Petrov. Stomatologiia 39 no 6:68-69 N-D '60

ACTIONS AND DEFENSES

Right to bring an action in recent theoretical studies and judicial practice. M. A Gurvich. Izv vys. ucheb. zav., prav. 5 no. 2:132-138 '61.

ACTIVATED CARBON see Carbon, Activated

ACTORS

Facts of the matter are... Teatr 22 no. 8:141-145 Ag '61.

ACUPUNCTURE

Treatment by acupuncture of neuralgia of the trigeminal nerve and neuritis of the facial nerve. R. I. Mikhailova. *Stomatologiia 39 no 6:52-55 N-D '60.*

ACUPUNCTURE—CONGRESSES

Scientific session on reflex therapy by the chen-chiu method. IU. Kardakov. Biul. Ucn med. sov 2 no. 6: 36-38 N-D '61.

ACUTE CATARRHAL JAUNDICE see Hepatitis, Infectious

ADAMELLITE see subdivision under Azerbaijan

ADAPTATION (BIOLOGY)

Concepts of Selye (stress, general adaptation syndrome, adaptation disease), a survey. A A Shtein. Vest. *derm. i ven. 35 no. 12 22-29 D '61*

Ways of adaptation to sub-Arctic conditions in terrestrial vertebrates (chiefly mammals). S. S. Shvarts. Probl. Sev. no. 4 75-94 '61.

ADAPTATION (BIOLOGY)—CONGRESSES

Conference on the problem of adaptation, *training and* other methods for increasing body resistance January 25 to 28, 1961. N V. Zimkin Fiziol. zhur 47 no 7: 934-937 Jl '61

ADDING MACHINES see Calculating machines

ADENOSINETRIPHOSPHORIC ACID

Some aspects of the therapeutic action of adenosinetriphosphoric acid K V Mosketi Vrach. delo no. 6 131-135 Je '61

ADENOVIRUS INFECTIONS

Characteristics of group adenovirus diseases among children [with summary in English]. L K Maslennikova, T. A Klushina, V. A. Saposhnikova. Sov. med 25 no. 7: 95-99 Jl '61.

Relationship between adenoviruses and rheumatism [with summary in English]. V. I. Marchenko and others. Terap. arkh. no 6:72-75 '61

ADHESION

"The science of adhesive joints" by J. J. Bikerman. Reviewed by S. S. Voiutskii Kauch. i rez. 20 no. 11:63-64 N '61.

ADHESIONS (ANATOMY)

Adhesive disease and its treatment [with summary in English]. N. I. B Vest. khir. no 1:63-68 '62.

Horizonal intestinal plication in adhe Simonian. Vest. khir. no 1:68-7

ADHESIVES

Adhesive SPD-3 for binding articles copolymers. E. A. Kashkovskaia, N Milovanova. Plast. massy no. 10:41

BOV-1, a new multipurpose synthetic Borisov, N. N. Oster-Volkov. Plas '61

Bonding of polyethylene to metals an IAkubchik and others. Zhur. prikl. 2579-2581 N '61.

Effect of the compounding ingredient on the adhesive strength of rubber-Boguslavskii and others. Kauch. i Ja '62.

Production of adhesives in laboratori N. S. Il'in, V. A. Glagolev Kauch. i Ja '62.

ADIPONITRILE

Determination of cyclopentanone and nitrile. A. S. Maslennikov. Zhur. no. 12:2800-2802 D '61.

ADMINISTRATION, AGRICULTURAL see Agricultural administration

ADMINISTRATION OF JUSTICE see Justice, Administration of

ADMINISTRATIVE REMEDIES

How the local soviets of workers' deputies examine the letters, complaints, and warnings of Soviet citizens. S. N. Savitskii. Uch. trudy Kazakh. gos. un. Ser. iur. no. 5 71-93 '59

ADRENAL CORTEX—RADIOGRAPHY

Effect of total-body alpha irradiation on hormonal activity of the adrenal cortex. F. I. Leites. Med. rad. no. 6:73-77 '61.

ADRENAL GLANDS

Effect of the functional state of the higher sections of the central nervous system on the reaction of the adrenal glands under "stress." I. D. Gurvarieva. Vrach. delo no. 12:145-146 D '61.

Secondary effect of exogenous corticoids on the adrenopituitary system. F Kost. Sov. med 25 no 6:13-21 Je '61.

ADRENAL GLANDS—EXCISION

Anesthesia in bilateral adrenalectomy for far-advanced breast cancer [with summary in English] F. Vaicenk, M. Koziel. Vest. khir no 1:95-99 '62

Results of the treatment of far-advanced breast cancer with bilateral adrenalectomy. K. Typovsky, M. Koziel. Vest. khir no 1:99-105 '62.

Role of the sympathoadrenal system in regulating the immunogenic process. E. A. Kornova, L. M. Khal. Fiziol zhur. 47 no. 10:1298-1305 O '61.

ADRENAL GLANDS—RADIOGRAPHY

Action of radioactive iodine on the thyroid, pituitary and adrenal glands in rabbits [with summary in English]. Ch. I. Kutakh. Med. rad. no. 6, 12-41 '61.

ADRENALINE

Dynamics of changes in the conditioned reflexes of dogs following administration of small adrenaline doses A S Denisova Dokl AN SSSR 142 no. 3 725-727 Ja '62

Effect of adrenaline on the function of a transplanted reinnervated kidney A. A. Lebedev. Fiziol zhur 47 no. 7:892-899 Jl '61.

Histopathology of the nerve elements in the heart and aorta of dogs after intravenous injection of adrenaline and caffeine [with summary in English]. P. M. Krokhina Biul. eksp. biol. i med. 52 no. 8, 112-117 Ag '61.

Mechanism in developing sleep inhibition after the administration of adrenaline IU. A. Borkovskaia, O. N Fadeeva. Fiziol. zhur 47 no 7:806-814 Jl '61.

Species characteristics in the phenomenon of adrenaline bradycardia in rabbits. O. A. Mikhaleva. Fiziol zhur 47 no. 7:829-833 Jl '61.

Urinary excretion of catechol amines in hypertension and symptomatic hypertonia [with summary in English]. V. V. Men'shikov Kardiologiia 1 no. 2 16-20 Mr-Ap '61.

ADRENALINE—PHYSIOLOGICAL EFFECT

Effect of circulatory disorders and edema of the lungs on the formation and course of an infectious process in them (pneumonia). Report No 1: Effect of intraperitoneal injection of adrenalin on the development of experimental pneumococcal pneumonia in white rats [with summary in English]. N. G. Palkov. Biul eksp. biol. i med. 52 no. 8:37-40 Ag '61.

ADRENOCORTICAL [illegible]

ADSORPTION (Continued)

Plotting vapor adsorption isotherms from the vapor adsorption isotherms of a standard substance under the theory of potential. E. N. Serpionova. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 4:588-593 '61

Specific surface of peat coke N. D. Drozhalina, V. L. Rakovskii Dokl. AN BSSR 5 no. 11:494-496 N '61

Statics of the absolute adsorption of carbon dioxide from a mixture with nitrogen at atmospheric pressure. I. P. Ishkin, N. F. Katina Zhur. prikl. khim 34 no 12: 2623-2627 D '61

Statics of the differential adsorption of carbon dioxide from air at high pressures. I. P. Ishkin, N. F. Katina. Zhur prikl. khim 34 no 12 2628-2633 D '61

Study of vitamin B_{12} adsorption and desorption by activated clays. [A. G. Popova. Vit. res. i ikh isp. no. 5 112-118 '61.

Wetting capacity of surface-active substances and their rate of adsorption from aqueous solutions. S. A. Nikitina and others. Zhur. prikl. khim. 34 no 12: 2658-2664 D '61.

ADZHINOUR REGION—GEOLOGY, STRUCTURAL

Characteristics of recent tectonics in the Adzhinour region. F. S Akhmedbeili Izv AN Azerb SSR, Ser geol.-geog. nauk i nefti no. 5:21-31 '61.

AERIAL PHOTOGRAMMETRY

Automation in photogrammetry; a survey of foreign literature. K. P. Bychkovskii. Geod. i kart. no. 1: 63-71 Ja '62.

"Basis of analytical methods used in stereophotogrammetric processing of the materials of aerial photographic surveying" by N D Il'inskii Reviewed by IA. I. Gebgart, S A Murashev, A. G Skobelev. Izv vys ucheb zav , geod i aerof no 4 129-136 '61

Computation of the effect of refraction and the earth's curvature in the processing of aerial photographs A. G. Vanin. Geod i kart. no. 12:23-30 D '61

Estimating the precision of phototriangulation strips by the use of models and geodetic control points V. V Vainauskas. Izv. vys. ucheb zav , geod. i aerof no 4: 83-89 '61

Graphical plotting of the curve representing the bending of very long spatial phototriangulation chains G E Strel'nikov. Izv. vys ucheb zav., geod i aerof no 4: 95-100 '61.

Horizontal and vertical control based on preliminarily marked flight lines. V. N. Belykh. Geod. i kart. no. 1: 40-42 Ja '62.

Making test dummies of aerial photographs by the use of measuring grids I. T. Antipov. Geod. i kart no. 12: 36-36 D '61.

Orientation of elevational photogrammetric networks by fixed points on maps. V I. Pavlov Izv. vys. ucheb. zav., geod i aerof. no 4 101-107 '61.

Pavlov, L. V. [Using a mine rectifying apparatus for compiling aerophotographic plans of relief sections] Sostavlenie fotoplanov rel'efnykh uchastkov pri pomoshchi gornogo fotoreansformatora. Moskva, Izd-vo geodez lit-ry, 1961. 58 p.

Some problems in photogrammetric processing of aerial photographs on the stereograph. G. D. Krasheninnikov. Geod. i kart no. 11 34-39 N '61.

Stereophotogrammetric apparatus for determining the elements of reciprocal orientation and relief drawing on aerial photographs IA. I. Gebgart Izv vys. ucheb. zav , geod i aerof. no 4 91-94 '61.

Stereotopographic surveying in wooded regions. V. V. Pervozvanskii, N. F. Elizarov. Geod. i kart. no. 1:31-39 Ja '62.

AERIAL PHOTOGRAPHY see Photography, Aerial

AERODYNAMIC FORCES see Drag (Aerodynamics)

AERODYNAMIC HEATING

Temperature of the forward edge of a plate subjected to aerodynamic heating [with summary in English]. V. B. Poruchikov. Vest. Mosk. un. Ser 1, Mat., mekh. 17 no. 1:47-52 Ja-F '62.

AERODYNAMICS

Establishment of oscillation equilibrium behind a shock wave. S. I. Anisimov. Zhur. tekh. fiz. 31 no. 12 1491-1493 D '61

Nekrasov, A. I. [Collected works] Sobranie sochinenii. Moskva, Izd-vo Akad. nauk SSSR. Vol. 1. 1961. 442 p.

Variety of nonsteady-state kinetic equations in the aerodynamics of rarefied gases [with summary in English]. B. V. Filippov. Vest. LGU 17 no. 1:112-146 '62.

AERODYNAMICS, SUPERSONIC

Effect of gas dynamic relaxation of CO_2 on the resistance factor of a sphere at supersonic velocities. G. I. Mishin, V. A. Ovsiannikov. Zhur. tekh. fiz. 31 no. 12 1467-1471 D '61.

Variational problems for supersonic solids of revolution and exhaust nozzles. IU. D. Shmyglevskii. Prikl. mat. i mekh. 26 no 1:110-125 Ja-F '62.

AERODYNAMICS, SUPERSONIC—TABLES, ETC.

Chushkin, P. I., and N. P. Shulishnina. [Tables for supersonic flow around blunt-nosed cones] Tablitsy sverkhzvukovogo techeniia okolo zatuplennykh konusov. Moskva, Vychislitel'nyi tsentr AN SSSR, 1961. 91 p.

AERONAUTICAL SOCIETIES—CONGRESSES

The 54th general meeting of the International Aeronautical Federation. A. Tat'ianchenko Kryl. rod 13 no 2, 8 F '62.

AERONAUTICS

Facts, events, people Kryl. rod. 13 no. 2:14-15 F '62.

How the prerevolutionary secret police shadowed Russian aviators. E. K. Barshtein. Ist. arkh 7 no. 3 205-206 My-Je '61

Whales of the air ocean. E. Shilimov. Znan. sila 37 no 1:6-8 Ja '62.

AERONAUTICS—COMPETITIONS
(see also subdivision under Orel)

In the Aeronautical Competition Committee. Kryl. rod. 13 no. 2 31 F '62.

Records continue to hold. N. Golovanov, P. Korzinkin. Kryl. rod 13 no. 2:20-21 F '62.

AERONAUTICS, COMMERCIAL
(see also subdivision under Communist Countries, Czechoslovakia; Germany, East)

Akademiia nauk SSSR. Institut kompleksnykh transportnykh problem. [Water and air transportation in capitalist countries; trends in the development of equipment] Vodnyi i vozdushnyi transport kapitalisticheskikh stran, tendentsii razvitiia tekhnicheskikh sredstv. Moskva, Izd-vo Akad. nauk SSSR, 1961. 350 p

Brief news. Grazhd. av. 10 no. 12:11 D '61.

Brief news. Grazhd. av. 10 no. 12:32 D '61.

Clear objective. Z. Solomatina. Grazhd. av. 10 no. 12: 1 D '61.

Decisions of the Party Congress should be fulfilled. Grazhd. av. 10 no. 12:22 D '61.

Gordonov, L. Sh. [Foreign airways] Vozdushnye puti zarubezhnykh stran. Moskva, Gos. izd-vo geogr. lit-ry, 1961 350 p.

The main source of development. I. Rodionov. Grazhd. av. 10 no. 12, 10 D '61.

On the airlines around the earth. Grazhd. av. 10 no. 12: 31 D '61.

With high speeds in northern regions. A. Kolesnikov. Grazhd. av. 10 no. 12 16-17 D '61.

AERONAUTICS, COMMERCIAL—STUDY AND TEACHING

If you do not study you are not a progressive worker. N. Ershov, K. Orekhova. Grazhd. av. 10 no. 12 19-20 D '61.

Thinking about the future. B. M. Firsanov. Grazhd. av. 10 no. 12, 2-4 D '61.

AERONAUTICS, MILITARY

We should try to eliminate aircraft accidents. N. Shchepankov, A. Krylov. Komm. Vooruzh. Sil 2 no. 3:29-33 F '62.

AERONAUTICS, MILITARY—PSYCHOLOGY

Psychological study of fliers' mistakes and expert evaluation in aviation medicine. V. M. Mishurin. Voen - med. zhur. no. 7:80-83 Jl '61.

AERONAUTICS IN MARINE RESEARCH

Results of oceanographic operations by the use of helicopters. V. L. TSurikov. Okeanologiia 1 no. 6:1082-1084 '61.

AERONAUTICS IN MEDICINE

Operating room on the Mi-4 helicopter. M. G. Anan'ev and others. Sov. zdrav. 20 no. 9:89-90 '61.

AERONAUTICS IN PUBLIC HEALTH see subdivision under Dnepropetrovsk Province

AEROSOLS

Absorption of sound of finite amplitude in a coagulating aerosol. B. F. Podoshevnikov, B. D. Tartakovskii. Zhur. prikl. khim. 34 no. 11:2573-2574 N '61.

Acoustic coagulation of aerosols in dependence on the sound duration value. B. F. Podoshevnikov. Zhur. prikl. khim. 34 no. 12:2664-2668 D '61.

Aerosol layer in the upper atmosphere. A. E. Mikirov. Dokl. AN SSSR 142 no. 3:587-588 Ja '62.

Experimental studies of the deposition of aerosols from a stream on thin single fibers. Report No. 1. Deposition of polydispersed aerosols of tungsten trioxide. L. V. Radushkevich, V. A. Kolganov. Izv. AN SSSR. Otd. khim. nauk. no. 1:23-31 Ja '62

AESTHETICS

Aesthetic conscience of the contemporary man. N. Dmitrieva. Vop. lit. 5 no. 7:66-75 Jl '61.

Aesthetic education and creativity. K. Kantor. Vop. est. no. 4:85-91 '60.

Aesthetic nature of the typical in literature and art. P. I. Havryliuk. Rad. lit. 6 no. 1:16-26 Ja-F '62.

Aesthetic views of Förster. G. Plavius. Vop. filos. 16 no. 1:71-82 '62.

Akademiia nauk SSSR. Institut filosofii. [History of aesthetic ideas of the ancient world and the Middle Ages] Iz istorii esteticheskoi mysli drevnosti i srednevekov'ia Moskva, Izd-vo Akad. nauk SSSR, 1961 341 p

Attention to musical aesthetics. N. Shakhnazarova. Sov. muz 25 no 12 11-19 D '61.

Building communism and creating beauty. V Tasalov. Vop. lit 5 no. 8 85-96 Ag '61

Category of the aesthetic ideal. O. V. Larmin. Nauch. dokl. vys. shkoly; filos. nauki 4 no 3, 126-131 '61.

Cultivation of taste. Iav Kassil'. Vop. est. no. 4: 82-96 '60.

"Forms of art" by V Kozhinov. Reviewed by IU. Koval' Vop lit. 5 no 7:205-207 Jl '61.

Four Achillean heels. IUrii Borev. Oktiabr' 38 no. 7: 209-213 Jl '61

From the aesthetic shops to the industrial shops. A Dubrovin. Vop lit 5 no. 7:75-86 Jl '61.

"Marxism-Leninism on literature and art" by B. Riurikov Reviewed by M Zel'dovich. Vop. lit 5 no. 7 202-205 Jl '61

"Nature of artistic generalizations" by V. A. Razumnyi. Reviewed by S. Rapoport. Iskusstvo 24 no. 12:67-70 '61.

The objective and subjective in aesthetics. V. Zlotnikov, I. Ildashev. Iskusstvo 24 no. 12:30-37 '61.

On the "nature" of art. E. Il'enkov. Vop. est. no. 4: 32-42 '60.

Problem of form and content in art. T. P. Znamerovskaia. Nauch. dokl. vys. shkoly; filos. nauki 4 no. 3: 132-142 '61.

Propagate the great art of all time and peoples. V. Lazarev Vop est. no. 4:148-153 '60.

AESTHETICS—STUDY AND TEACHING

"Aesthetic training of secondary school students in extracurricular work" by B. P. Rozhdestvenskii, G. A. Pukova, T. V. Shatskova. Reviewed by D. Likhachev. Sem'ia i shkola 16 no. 12:43 D '61.

Children should enjoy the beauty of nature. I. Goncharov. Sem'ia i shkola 16 no. 12:17-19 D '61.

Cultivate a sense for beauty during childhood. T. Polozova. Vop. est. no. 4:154-159 '60.

Horizons became wider. V. Shatskaia. Sem'ia i shkola 16 no. 12:4 D '61.

On human beauty,.... V. G. Andrushkevich. Vech. sred. shkola 4 no. 6:65-69 N-D '61.

AFANAS'EV, KONSTANTIN SERGEEVICH, 1905-1960

In memory of Konstantin Sergeevich Afanas'ev. S. Ill. Lipshits. Bot. zhur. 46 no. 8:1231-1234 Ag '61.

AFFORESTATION
(see also subdivision under Caspian Lowland; Dnieper Valley; Don Valley)

Afforestation by cluster and spot planting. N. I. Ivchenko. Zemledelie 23 no. 12:49-55 D '61.

Changes in the ordinary Chernozem soils under the influence of shelterbelts and forest plantations. P. D. Sidyshev. Vest. Mosk. un. Ser. 6 Biol., pochv. 16 no. 6:69-72 N-D '61.

Conference on Steppe Afforestation. N. Borzovskii. Les. khoz. 14 no. 12:86 D '61.

Master the silvicultural theory and introduce advanced methods in afforestation, seminar on planting oak in clusters. Les. khoz. 14 no. 12:6-10 D '61.

AFFORESTATION—CONGRESSES

International Conference on the Methods of Research in Afforestation. A. G. Babaev, G. G. Novikov. Izv. AN Turk SSR. Ser. biol. nauk no. 6:98 '61.

AFGHANISTAN—BOTANY

"Flora of Afghanistan. Results of the Kyoto University Scientific Expedition to the Karakorum and Hindukush, 1955, v. II" [in English] by Siro Kitamura. Reviewed by I. T. Vasil'chenko. Bot. zhur. 46 no. 8:1218-1220 Ag '61.

AFGHANISTAN—DESCRIPTION AND TRAVEL

Baiderin, Viktor. [Beyond the Hindu Kush] Za Gindukushem. Stalinabad, Tadzhikgosizdat, 1961. 128 p.

AFGHANISTAN—WATER RESOURCES DEVELOPMENT

Calculating surface water resources in Afghanistan. V. I. Shul'ts Izv. AN Uz. SSR. Ser. tekh. nauk no. 4:65-77 '61.

AFRASHTEH, MOHAMMAD ALI, 1908-1959

The satirical poetry of Afrashteh. Drh. Dorri. Krat. soob. Inst. nar. Azii no 30:53-66 '61.

AFRICA

Africa, an atom-free zone. K. Gelvandov. Az. i Afr. segn. no. 1:52-53 Ja '62.

"Africa; the lion awakes" [in English], by Jack Woddis. Reviewed by I. Potekhin. Mezhdunar. zhizn' 9 no. 2: 131-133 F '62.

The Lagos conference. M. Kozlov. Nov. vrem. 20 no. 7: 16-17 F '62.

AFRICA—BIBLIOGRAPHY

[New Soviet and foreign literature on the countries of the non-Soviet East.] Nov. sov. i inostr. lit. po stran. zarub Vost. no 15 '61

AFRICA—ECONOMIC GEOGRAPHY—MAPS

Russia (1923- U.S.S.R.) Glavnoe upravlenie geodezii i kartografii. [Equatorial and Southern Africa, 1:5000000] Ekvatorial'naia i IUzhnaia Afrika; 1:5000000. Moskva, Gos. izd-vo geogr. lit-ry, 1961. 1 fold. map.

——— ——— [Text] 56 p.

AFRICA—HISTORY

"Ancient and medieval sources for the ethnology and history of the peoples of Africa south of the Sahara. Arab sources from the 7th to the 10th century." Reviewed by A. Khalidov. Sov. etn. no 6,141-143 N-D '61.

AFRICA—LABOR LAWS AND LEGISLATION

Legal regulation of labor in the new independent states of Africa. S. A. Ivanov. Sov. gos. i pravo 32 no 1,86-97 Ja '62

AFRICA—MISSIONS

"Colonialism under the cowl" [in German] by Heinrich Loth. Reviewed by O. Kokorin. Az. i Afr. segodnia no 1 57-59 Ja '62

AFRICA—NATIONALISM

"Africa. The roots of revolt" [in English] by Jack Woddis. Reviewed by V. Rybakov. Mir. ekon. i mezhdunar. otn. no 1 151-155 Ja '62

AFRICA—POLITICS

Developing the national liberation movement of African peoples. E. I. Gorokhovskii. Uch. zap. kaf. obshchestv. nauk vuz g. Ien., Polit. ekon. no. 3;188-215 '61

New books on Africa, Europe, and India. IU. Finogenova. Otv. na vop. rab. no 12 11-40 '61

New phase of national liberation struggle in Africa. V. Fedotov. Komm. Vooruzh. Sil 2 no. 3:81-86 F '62

AFRICA—PORTUGUESE COLONIES

Last hours of Salazar's empire. L. Aleksandrovich. Az. i Afr. segodnia no. 1 31-33 Ja '62

AFRICA—PHYSICAL GEOGRAPHY

Africa in Masudi's analysis. L. A. Semenova. Krat. soob. Inst. nar. Azii no 45 111-121 '61.

AFRICA—PHYSICIANS, RUSSIAN

History of the activity of Russian physicians on the African continent in the 19th and 20th centuries. B. A. Godovannyi, V. V. Petrosov, L. V. Salmin. Sov. zdrav. 20 no.7 80-82 '61

AFRICA—PUBLIC HEALTH

Grazhul', V. S., and IU. P. Lisitsyn. [Colonialism and public health in Africa] Kolonializm i zdravookhranenie v Afrike. Moskva, Medgiz, 1961. 141 p.

AFRICA—TRADE UNIONS

Intrigues of the enemies of the African proletariat. N. Gavrilov. Nov. vrem. 20 no. 6;17-19 F '62.

AFRICA, WEST—FOREIGN EXCHANGE

Brief information on foreign exchange and banks abroad. Den. i kred. 20 no 1:87-88 Ja '62

AFRICAN STUDIES

Session of the Academic Council of the African Institute of the Academy of Sciences of the U. S. S. R. A. V. Nikoforov. Sov. etn. no. 6;124-126 N-D '61.

AGARICALES see subdivision under White Russia

AGDAM DISTRICT—PUBLIC HEALTH

Some results of work following abolition of the regional department of health and unification of the sanitary and epidemiological station with a regional hospital [with summary in English]. Kh. A. Bozfian. Sov. zdrav. 20 no. 7.29-33 '61

AGED—DISEASES

Differential diagnosis of vascular and tumoral diseases of the brain in aged patients. D. IA. Kagan, S. A. Rovinskaia. Vrach. delo no. 6 152 Je '61.

AGGREGATES

Best system of singular points of parabolic interpolation. D. L. Berman. Izv. vys. ucheb. zav. ;mat. no. 1;27 '62.

Extending the function of a set. M. E. Kvachko. Izv. vys. ucheb. zav. ;mat. no. 1:158 '62.

Singular points of algebraic surfaces containing an imaginary double Königs's net. I. V. Zuev. Izv. vys. ucheb. zav. ;mat. no. 1;41-46 '62.

AGGREGATES (BUILDING MATERIALS)

Basic trends in the development of the manufacture of artificial porous aggregates. M. P. Elinzon. Sbor. trud. VNIINSM no. 2:3-17 '60.

Calculation of the thawing time of a loose-frozen mixture of gravel and sand in processing it with hot water for aggregates. V. V. Chizhov. Sbor. nauch. trud. TISI 8; 80-88 '61.

An efficient thermomechanical for method breaking down a frozen mixture of gravel and sand in processing them for concrete and precast reinforced concrete aggregates in winter. V. V. Chizhov, B. E. Leikam. Sbor. nauch. trud TISI 6;3-13 '61.

AGING

Age-related antigenic characteristics in tissues of old animals [with summary in English]. V. A. Kurev. Biul. eksp. biol. i med. 52 no 10 85-89 O '61

Age-related changes in the intraorganic lymphatic system of the stomach in white rats [with summary in English]. L. I. Rassokhina-Volkova. Arkh. anat. gist. i embr. 41 no 9 50-59 S '61.

AGNOSIA

Mechanisms of eye movements in the process of visual perception and their pathology (Simultaneous agnosia and optic ataxia) [with summary in English]. A. R. Luriia, E. N. Pravdina-Vinarskaia, A. L. IArbus. Vop. psikhol. 7 no 5 159-172 S-O '61.

AGRANENKO, ZAKHARII

Debut in motion pictures... (from a director's diary). Z. Agranenko. Isk. kino no. 12:69-82 D '61.

AGREEMENTS see Contracts

AGRICULTURAL ADMINISTRATION
(see also subdivision under Kiev Province, Kochubeyevskiy District)

Beliaeva, Z. S., and I. F. Pankratov. [State guidance of collective farms during the large-scale building of communism in the U. S. S. R.] Gosudarstvennoe rukovodstvo kolkhozami v period razvernutogo stroitel'stva kommunizma v SSSR. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 166 p.

AGRICULTURAL COLLEGES see subdivision under Gorki (Mogilev Province)

AGRICULTURAL CREDIT see subdivision under Ukraine; United States

AGRICULTURAL EDUCATION
(see also subdivision under Kostroma)

Agricultural institutions of higher learning must be the center of progressive science and practice. Vest. vys. shkoly 20 no 1 3-7 Ja '62.

AGRICULTURAL EXPERIMENT STATIONS see subdivision under Yangi-Aryk District

AGRICULTURAL IMPLEMENTS see subdivision under United States

AGRICULTURAL LAWS AND LEGISLATION
(see also subdivision under Estonia)

January 1961 Plenum of the Central Committee of the CPSU and the objectives of Soviet jurisprudence. Izv. vys. ucheb. zav., prav. 5 no. 2, 4-11 '61.

Methods and principles of the legal regulation of agrarian relations. V. S. IAkushev. Izv. vys. ucheb. zav. ;prav. 5 no. 4;75-81 '61.

AGRICULTURAL LIBRARIES see subdivision under Pskov Province

AGRICULTURAL MACHINERY

Automation of mobile machinery [with summaries in English, German, and French]. S. P. Gel'fenbein. Vest. sel'khoz. nauki 6 no 11, 81-89 N '61.

Certain problems concerning the mechanization of work in orcharding and viniculture. N. F. Moiseev. Trakt. i sel'khozmash. 31 no.12;11-15 D '61.

Heavy industry is the basis for developing and consolidating the collective farm system and socialist production relations in rural areas. I. S. IAstremskyi. Zbir. nauk. prats' Kaf. polit. ekon. Kyiv. un. no. 3:51-62 '59.

Machinery for orchards and vineyards. E. A. Klimova. Trakt. i sel'khozmash. 31 no.12;26-27 D '61.

Machines of the four elements. B. Zubkov. Znan. sila 36 no 12;2-4 D '61.

New machinery for rural areas. Biok. agit. [Chuz.] 18 no. 14;26 Jl '61.

Using vibration for the reduction of traction resistance in machinery. A. A. Dubrovskii. Vest. AN SSSR 32 no. 1; 59-61 Ja '62.

Zhitnev, N. F., and A. P. Kolotushkina, eds. [Economic effectiveness of the agricultural machinery] Ekonomicheskaia effektivnost' novykh sel'skokhoziaistvennykh mashin; metodika i normativno-spravochnye materialy. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 314 p.

AGRICULTURAL MACHINERY—DESIGN

Petrusov, A. I., and V. E. Komaristov. [Machinery for sowing, planting, and the application of fertilizers; theory, design, and calculations] Mashiny dlia poseva, posadki i vnesenila udobrenil, teoriia, konstruktsiia i raschet. Khar'kov, Izd-vo Khar'kovskogo gos. univ. im. A. M. Gor'kogo, 1961. 225 p.

[MICROFILM]

AGRICULTURAL MACHINERY—ECONOMIC ASPECTS

Fefelov, V. P. [Methods for determining the economic effectiveness of machines in agriculture] Metodika opredeleniia ekonomicheskoi effektivnosti mashin v sel'skom khoziaistve, avtoreferat dissertatsii na soiskanie uchenoi stepeni kandidata ekonomicheskikh nauk. Moskva, Mosk. sel'khoz. akad., 1960. 21 p.

AGRICULTURAL MACHINERY—MAINTENANCE AND REPAIR

Storage of machinery and their life. M. N. Mehamed. Vest. sel'khoz. nauki 6 no 11 90-93 N '61.

AGRICULTURAL MACHINERY INDUSTRY see subdivision under Tagamog, Tashkent, Uzbekistan

AGRICULTURAL METEOROLOGY see Meteorology, Agricultural

AGRICULTURAL PESTS see subdivision under Buryat-Mongolia

AGRICULTURAL POLICY
(see also subdivision under White Russia)

V. I. Lenin on the socialist transformation of agriculture and the development of the supply of equipment and machinery for collective farms. I. P. Tkachenko. Sbor. nauch. tab. kaf. polit. ekon. vuzov g. Kiev. no 3 81-91 '60.

AGRICULTURAL PRODUCTS see Farm produce, Produce trade

AGRICULTURAL RESEARCH
(see also subdivision under China, Ukraine)

Gorin, D. P. [Collective farms and research] Kolkhoz i nauka. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 134 p.
(DA)

Liskun, V. F. [Selected works] Izbrannye trudy. Pod red. F. A. Arzumanianna. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1961. 532 p.
(DA)

Oil industry and agricultural science [with summaries in English, German, and French]. N. N. Gil'dshtein. Vest. sel'khoz. nauki 6 no 11 44-46 N '61

AGRICULTURAL WAGES

Bonuses to the workers of state farm trusts. Biul. Gos. kom. po vop. truda i zar. platy no. 10;21-24 '61.

Mitrokhin, M. A., and I. A. Ivin. [Workers' ins and wages on collective and state farms] Normirovanie i oplata truda v kolkhozakh i sovkhozakh. Moskva, Izd-vo "Sovetskaia Rossiia," 1960. 33 p. (Dlia slushatelei sel'skikh vechernikh ekonomicheskikh shkol i kruzhkov, tema 5)

Zelen'ko, V. K. [Advanced forms of the organization and payment of labor on collective farms] Progressivnye formy organizatsii ta oplaty pratsi u kolhospakh. [Kharkiv] Khar'kivs'ke knyzhkove vyd-vo, 1960. 101 p.

AGRICULTURAL WORKERS

About a new type of farmer. N. Mitov. Mol. kommun. no. 7;77-93 Jl '61.

AGRICULTURAL WORKERS—DISEASES AND HYGIENE

Ways of lowering morbidity among collective farm workers with a temporary loss of work capacity [with summary in English]. M. F. Mazurik. Sov. med. 25 no. 10;86-89 O '61.

AGRICULTURAL WORKERS—EDUCATION AND TRAINING

Ivashchanka, A. [A "university of culture" on a state farm] Universitet kul'tury u sadhase. Minsk, Dzierzh. vyd-va BSSR Red. masava-palitychnai lit-ry, 1961. 16 p.

AGRICULTURE
(see also subdivision under Astrakhan Province; Bukhara Province, Buryat-Mongolia, Castile, China; Communist Countries; Georgia; Glubokoye District; Golodnaya Steppe; Hungary; Kopyl District; Korea; Kustanay Province; Lithuania, Mongolia, Moscow Province; Oktyabr'skiy District, Kustanay Province, Orenburg Province; Samarkand Province, Ukraine, Virgin Territory, Volga Valley; Volgograd Province, White Russia)

Agricultural development concerns the party and the entire nation. Vest. sel'khoz. nauki 6 no 11;3-9 N '61.

[illegible] yvukova-
iyi
kl.
Pod red. M. E. Maisepuro i B. N. IAnushkevicha. Minsk, Gos. izd-vo sel'khoz. lit-ry BSSR.
Vol. 7. 1961. 201 p.

Beacon lights show the way to everybody. Zemledelo 23 no. 12:80-82 D '61.

Better use of soil is an important resource for increasing agricultural production. M. A. Ol'shanskii. Zemledelie 23 no. 12:3-6 D '61.

Contribution to a common cause. V. Miaskov. Kul't. i zhizn' 5 no. 8;34-35 '61.

Developing the U. S. S. R. agriculture during the seven-year plan, 1959-1965. M. S. Pohoriielov. Zbir. nauk. prats' Kaf. polit. ekon. Kyiv. un. no. 3:3-12 '59.

AGRICULTURE (Continued)

Farkhutdinov, M. F. [Under any kind of weather] Pri liubom pogode [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1961. 24 p (VLKSM komsomol'skomu aktivistu)
(DA)

Kommunisticheskaia partiia Sovetskogo Soiuza. Vysshaia partiinaia shkola [Textbook on agriculture for party schools] Uchebnoe posobie po sel'skomu khoziaistvu dlia partiinykh shkol Moskva.
Pt. 1 [Crop farming] Zemledelie 1958 397 p
(DA)

[Our beacons] Nashi maiaki. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 1 v (Bibliotechka "Nagliadnaia agitatsiia, propaganda i khudozhestvennoe oformlenie," no 4)

Party chronicle Part. zhizn' Kazakh. no. 11 79-80 N '61.

Problems in the further intensification of agricultural production. E Tiapkina Vop ekon no. 2 37-45 F '62

The raising of the cultural and technical level of agricultural workers F Onotskii Otv. na vop trud no 2 9-13 '61

Selection and arrangement of party and government personnel during the fourth five-year plan V G. Cheremnykh Trudy Perm. farm inst no. 1 3-23 '59

Vinnichenko, I. F. [Here they are, the beacons; from a writer's notebook] Vot oni maiaki, iz bloknota pisatelia [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1961 74 p
(DA)

AGRICULTURE—ACCOUNTING

More on operational accounting for agriculture. N. Kulikov Vest stat no. 1 66-67 '62

AGRICULTURE—BIBLIOGRAPHY see Bibliography—Agriculture

AGRICULTURE—ECONOMIC ASPECTS
(see also subdivision under India, Leningrad Province, Ukraine)

Developing commodity and monetary relations at the present-day stage. A A. Chukhno. Zbir. nauk. prats' Kaf. polit. ekon Kyiv un no 3 111-122 '59

"Economic efficiency of agricultural production" Reviewed by E. Khlebutin. Plan khoz. 39 no 2 87-90 F '62

Economic geography and some aspects of agricultural production. V. N. Tiurin. Geog v shkole 25 no. 1 45-48 Ja-F '62

Kurylev, A. K. [Eliminating social, economic, cultural and mode of life differences between city and village] O likvidatsii sotsial'no-ekonomicheskikh i kul'turno-bytovykh razlichii mezhdu gorodom i derevnei. Moskva, Izd-vo "Znanie," 1961. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii Ser. 2, Filosofiia, no. 22)

AGRICULTURE—EXPERIMENTATION
(see also subdivision under Altai Territory)

How you can take part in the development of communism. M. Dunin IUn nat no. 12 2-3 D '61.

Magician of the fields. L. Ivanov. Nauka i zhizn' 28 no 10 34-39 O '61.

Planning experimental work in schools. V. I. Bocharova. Biol v shkole no. 1 44-50 Ja-F '62.

They greeted the congress. IUn. nat. no. 1 12 Ja '62.

AGRICULTURE—LABOR PRODUCTIVITY
(see also subdivision under Andizhan Province)

Accounting for and planning of labor productivity on collective farms. V. F. Mashenkov. Och po sovr. sov. i zar. ub. ekon. no. 1 218-239 '60.

Glukhov, A. A. [Increasing labor productivity is the path to abundance] Povyshenie proizvoditel'nosti truda - put' k izobiliiu. Moskva, Izd-vo "Sovetskaia Rossiia," 1960. 37 p. (Dlia slushatelei sel'skikh nachal'nykh ekonomicheskikh shkol i kruzhkov. Tema no 4)

AGRICULTURE—STATISTICS see subdivision under Armenia

AGRICULTURE—STUDY AND TEACHING
(see also subdivision under Dobromil'; Estonia; Kiev District; Ukraine)

Aid of specialists from the laboring class to the peasantry during the sharp rise in agriculture. M. A. Burmistrova. Sbor. st. LITMO no. 49 161-176 '60.

Alignment with the beacon! Klub 10 no. 6 18 Je '61.

Comprehensive production practice on the fundamentals of agriculture and methods of teaching natural history. D. P. Shirokikh. Uch. zap. Ped. inst. Gerts. 201 187-196 '61.

Degree project is done at a poultry farm. N. P Tret'iakov. Vest. vys. shkoly 20 no. 1 78-79 Ja '62

The experience of the leaders is available to all machinery operators. N. Ignatov. Part. zhizn' no 3 13-18 F '62.

Experimental and agricultural work of Anuchino secondary school students. V. A. TSarapkin. Biol. v shkole no. 1 52-55 Ja-F '62.

In a state committee. Prof.-tekh. obr. 19 no. 1 6 Ja '62.

On the radio and in the community centers. E Frasov Kul't.-pros. rab 22 no 5 12-13 Je '61.

Organizing field practice at the Natural History Faculty. V A. Malov Uch zap Ped inst. Gerts 201 171-186 '61

Our agricultural correspondence school. R. I. Kaganova Sred spets. obr. 9 no 1 43-50 Ja '62.

Rodnikovskaya rural school V. M Kazantsev. Vech. sred. shkola 4 no 6 21-24 N-D '61

Teaching the course on the fundamentals of agriculture. V. A. Matisen Uch zap Ped. inst. Gerts 201 161-169 '61

Work on a school plot is an important stage in the transition to agricultural work. K. F. Isakov Biol. v shkole no 1 50-51 Ja-F '62.

Young masters of the earth M Ivanov Komsom. zhizn' no 13 19-23 Jl '61

Youth studies with masters. S Komarova Komsom. zhizn' no 13 16-19 Jl '61

AGRICULTURE, COOPERATIVE
(see also subdivision under Germany, East, Korea, North, Mongolia, Poland; Ukraine)

Socialist cooperation shows peasants the Leninist road toward communism S P Trapeznikov Vop ist KPSS 6 no 1 14-32 '62

AGROPYRON

Protein complex of wheat grain and its changes in remote hybridization. N. A. Tiunova. Trudy Glav. bot sada 8, 113-140 '61

AIR

Behavior of a metallic lithium surface in a low moisture air and argon atmosphere. V. V. Rachev, B. K. Mastennikov, A. A. Lbov. Zhur. prikl. khim. 35 no 1 189 Ja '62.

AIR—POLLUTION

[Manual on communal hygiene] Rukovodstvo po kommunal'noi gigiene. Otv. red. F. G. Krotkov. Moskva, Medgiz.
Vol. 1. [Communal hygiene] Kommunal'naia gigiena. Red. V. A. Riazanov. 1961. 707 p.

AIR—SEPARATION

Remote control system of the BR-5 air separation apparatus of the All-Union Scientific Research Institute of Oxygen Apparatus and Machinery B. V. Denisshchuk, N. M. Isaev. Trudy VNIIKIMASH no 4 87-100 '61

Results of testing under industrial conditions of the BR-5 air separation units experimental and serial of the All-Union Research Institute of Oxygen Apparatus and Machinery V. M. Smirnov, V. A. Shmelev. Trudy VNIIKIMASH no 4 101-115 '61

AIR, IONIZED

Dependence of the ionization of the air on the concentration of turpentine vapors. E. S. Lakhno, A. N. Sverchkov, IU. D. Dumanskii Vrach delo no. 12 124-126 D '61.

Effect of hydroaeroionization in conjunction with other physical factors on hypertension. A. A Mikirtycheva Med. zhur. Uzb no. 6 33-35 Je '61

AIR, MOISTURE OF see Humidity

AIR BRAKES

Characteristics of the performance of triple valves on long trains E. V. Klykov. Elek. i tepl tiaga 5 no. 12 36-37 D '61.

AIR COMPRESSORS

Alkhazov, G. G. [Piston air compressor stations in machinery plants] Vozdushnye porshnevye kompressornye stantsii mashinostroitel'nykh zavodov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 110 p.

AIR COMPRESSORS—EQUIPMENT AND SUPPLIES

Oil and moisture separator for compressed air. D. I. Rubanovich. Prom. energ. 16 no 6 30-33 Je '61.

AIR CONDITIONING

Autonomic conditioner with wide-range regulation of room microclimate (Biotop-2). IU. A. Isakov, L. P. Lukashevich, D. I. Panchenko. Vrach. delo no. 12 111-117 D '61.

Calculation of finned conditioners in cooling and drying air. V. Z. Zhadan. Khol. tekh. 38 no. 3 23-24 My-Je '61.

Determining the mean difference of enthalpies in cooling towers and air washers with cross flow [with summary in English on page 70]. L. D. Berman. Khol. tekh. 38 no. 4 34-37 Jl-Ag '61.

Equations of the controlled member and elements of the automatic control system of air conditioning units. M. M. Khasanov. Izv. Otd. geol. -khim. i tekh. nauk AN Tadzh. SSR no. 2 3-21 '61.

Maksimov, G. A. [Designing air-conditioning processes] Proektirovanie protsessov konditsionirovaniia vozdukha. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 96 p.

Selecting rated climatic parameters when designing air-conditioning systems. IA. S. Grechanik. Khol. tekh. 38 no. 6 26-30 N-D '61.

AIR CONDITIONING—EQUIPMENT AND SUPPLIES

Experimental investigation of a freon air cooler with flat pipes A B Barenboim, B. A Minkus, I B Shteinberg Khol tekh 38 no 6 7-10 N-D '61

Organize the output of air-conditioning units. M. D Galkin. Izm tekh no 12 62 D '61.

AIR FILTERS

New cyclone-type air filter with automatic dust removal. IU. P. Khlebnikov, V. A. Kikhtenko. Trakt i sel'khozmash. 31 no. 12 3-4 D '61.

AIR FLOW

The aerodynamic principle of least action. S I Strizhenov. Sbor trud. NIIST no 7 171-188 '61

Construction of isotherms and lines of flow S I Strizhenov Sbor. trud NIIST no 7 168-174 '61

Theoretical study of the Reynolds criterion for flow in pipes S I Strizhenov. Sbor trud NIIST no 7 189-196 '61

AIR FLOW—TESTING

Determining pressure losses in air ducts by the method of reactions G. V Rossin Trudy Ural'mekhanobra no 5 161-175 '59

AIR-PASSAGES see Respiratory organs

AIR PILOTS

Fight in the air. Kryl. rod. 13 no. 2 4 F '62.

AIR PREHEATERS

Air preheater. Gaz. prom. 6 no. 11 37 '61.

Air preheater for a cupola. G. M. Kuimov. Prom. energ. 15 no. 7 33-34 Jl '60.

Concerning the methodology for designing a concentric pipe-type air preheater. A. P. Abovskii, N. F. Volkov, Z. I Gelfer. Prom. energ. 15 no 7 48-50 Jl '60.

AIR RAID SHELTERS

Laying out shelters for troops. V. Konikov, R. Oktiabr'skii. Voen. vest. 41 no. 7 94-96 Jl '61.

AIR WARFARE

Each political worker should be a skilled specialist. S Chukanov. Komm. Vooruzh. Sil 2 no. 3 48-51 F '62.

AIRAPETIAN, IU.

Pianists, Bekar, Matisiav Smirnov. Sov. muz. 26 no. 8 99-100 Ag '61.

AIRPLANES—DESIGN AND CONSTRUCTION

Balkov, V. T. [Structural mechanics of airplanes] Stroitel'naia mekhanika samoleta. Moskva, MAI
Pt. 1. [Statically determinate rod systems] Staticheski opredelimye sterzhnevye sistemy 1950. 228 p

AIRPLANES—ELECTRIC EQUIPMENT

Astashenkov, P. T. [Use of electricity in airplanes and rockets] Elektrichestvo na samolete i rakete. Pod red. V. S. Kulebakina. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 140 p

AIRPLANES—FLIGHT TESTING

Nikolaev, N. I. [Are there limits of height and speed for an airplane?] Est' li predel vysoty i skorosti poleta samoleta? Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 52 p.

Open eyes; a documentary tale Anatolii Agranovskii. Oktiabr' 38 no 7 59-136 Jl '61.

AIRPLANES—FUEL

Effect of phenol and amine compounds on deposit formation in fuels containing cracked components. V. N. Zaelov, V. M. Melekhin. Zhur. prikl. khim. 34 no. 11 2537-2541 N '61.

AIRPLANES—MODELS

Airplane model "Kuzbass." L. Gamilovskii. Kryl. rod. 13 no. 2 25 F '62.

Airplane models for the world championship. IU. Sokolov. Kryl. rod 13 no. 2 24-25 F '62.

At the start. V. Bukreev. Kryl. rod. 13 no. 2 25 F '62.

Decision of the International Airplane-Modeling Committee of the International Aeronautical Federation. Kryl. rod. 13 no. 2 26 F '62.

Radio equipment for proportional control of an airplane model (to be concluded). A. Dmitriev, V. Semenov. Kryl. rod. 13 no. 2 27-29 F '62.

AIRPLANES—PILOTING

Everything is mentioned in the instructions. A. Molchanov. Grazhd. av. 18 no. 12 31 D '61.

AIRPLANES—RADIO CONTROL

Radio equipment for proportional control of an airplane model (to be concluded). A. Dmitriev, V. Semenov. Kryl. rod. 13 no. 2 27-29 F '62.

AIRPLANES—TAKE-OFF

Taxying, take-off, gain in altitude. What should airline captain keep in mind? Circumspection and once more circumspection. I. Mikulik. Grazhd. av. 18 no. 12 5-6 D '61.

AIRPLANES — TAKE-OFF (Continued)

Weight of the airplane, temperature, air density. Wind velocity and component. Their effect on the take-off. E Vartek. Grazhd.av. 18 no 12 7 D '61.

AIRPLANES—TURBOJET ENGINES

Shlocda, A. V., ed. [Design of airplane gas-turbine engines] Konstruktsiia aviatsionnykh gazoturbinnykh dvigatelei. Moskva, Voen izd-vo M-va obor. SSSR, 1961. 411 p.

AIRPLANES, MILITARY—PILOTING

Vazhin, P. A. [Tactical skill of fliers] Takticheskoe masterstvo letchikov. Moskva, Voen izd-vo M-va oborony SSSR, 1961 78 p.

AIRPLANES, PILOTLESS see Guided missiles

AIRWAYS

Goldonov, L. Sh. [Foreign airways] Vozdushnye puti zarubezhnykh stran Moskva, Gos izd-vo geogr lit-ry, 1961 350 p

AKHANGARAN—CEMENT INDUSTRIES

The giant is gaining strength. Nat. khoz. Uzb. 1 no. 1: 37 Ja '62.

AKIMOV, NIKOLAI PAVLOVICH

Nikolai Akimov. M. Turovskaia. Teatr 23 no. 1,56-60 Ja '62

AKMOLINSK PROVINCE see Tselinograd Province

AKSENOV, VASILII

False romanticism L Stishova Mol kommn no 10 126-128 O '61

AKSTAFA VALLEY—SOILS

Chestnut soils of the Akstafa Basin. Sh. G. Gasanov. Trudy Inst. pochv. i agrokhim AN Azerb. SSSR 10 71-124 '61

AKTYUBINSK—EDUCATION, PRESCHOOL

Page from a newspaper. V. M. Doshk. vosp. 35 no. 1: 26 Ja '62.

AKTYUBINSK PROVINCE—COMMUNIST PARTY OF THE SOVIET UNION

Communists are undertaking greater tasks; from the party conference of the Aktyubinsk Province. V. Golubev. Part. zhizn' Kazakh. 31 no. 10 16-21 O '61.

AKUTAGAWA, RYUNOSKUE, 1892-1927

[illegible]
1961. 90 p. (Pisateli zarubezhnykh stran)

ALA-TAU, ZAILIYSKIY see Trans-Ili Ala-Tau

ALANINE

Duration in blood circulation and excretion with the urine of sarcolysin C^{14} after intravenous application to rabbits [with summary in English]. M. A. Novikova, A. V. Chestukhin Biul eksp. biol i med 52 no. 8:56-59 Ag '61.

Fragmentation reaction of activated derivatives of dibenzylphenylalanine. Vlach. I Maksimov. Izv. AN SSSR. Otd. khim. nauk no 1,112-119 Ja '62.

ALAPAYEVSK REGION—IRON ORES

Flow sheet for the dressing of Alapayevsk ores. N. G. Timenkov. Trudy Uralmekhanobra no 5:87-103 '59.

ALASKA

"Alaska; the big land" [in English] by Ben Adams. Reviewed by V. Zagumennyi. Sov etn. no 6:152-154 N-D '61.

ALASKA—MEDICAL GEOGRAPHY

Some materials on the medico-geographical features of Alaska. I. I. Krasnopeev Geog. sbor. no. 14:110-120 '61.

ALASKA, GULF OF—SHRIMPS

Concentrations of prawns in the western part of the Gulf of Alaska. B. G. Ivanov. Ryb. khoz. 38 no. 1,14-17 '62.

ALAY RANGE—GEOLOGY

Structure and stratigraphy of Paleozoic sediments in the trans-Alay Range and the northern Timan Ridge M. N. Solovyeva, Iu. B. Kazmin, V. V. Kozlov. Izv. AN SSSR. Ser. geol. 27 no. 2:64-72 F '62.

ALAY RANGE—ROCKS, IGNEOUS

Structural characteristics of the Turpi alkaline massif. Z. M. Liashkevich. Izv. Otd. geol.-khim. i tekh nauk AN Tadzh. SSR no 2 49-70 '61.

ALBANIA—FOREIGN RELATIONS—RUSSIA

Who gains from the dissident actions of the Albanian leaders? N. Vinnitskii, A. Arkad'ev. Mezhdunar. zhizn' 9 no. 2:76-81 F '62.

ALBANIA—POLITICS AND GOVERNMENT

For imperialist sliver... D. Bocharov. Sov. pech. no 1:59-60 Ja '62.

ALCOHOL

Effect of ammonium base and cellulose hardness on the quality of alkalies and the production of alcohol. G. A. Kalistratov, Z. IA. Skvortsova, O. P. Golubeva Bum prom 36 no 10 12-13 O '61

ALCOHOL, DENATURED—THERAPEUTIC USE

Treatment of hemorrhoids with alcohol-novocaine blocks P. P. Laptionov Vest. khir. no 1:78-80 '62.

ALCOHOLISM

Morphological changes in the brain in cases of combined alcoholism and atherosclerosis. A. P. Levkovich-Sokolova, P. B. Kazakova, L. I. Il'ina. Trudy Gos. nauchno-issl. inst. psikh. 22:117-126 '60.

Treating chronic alcoholism with oxygen. V. A. Lukashev Vrach. delo no 12:145 D '61

Vascular diseases and the role of alcohol in them V. M. Banshchikov, Z. V. Kosenko, G. M. Putin. Sov. med 25 no. 6:34-40 Je '61

ALCOHOLISM AND TRAFFIC ACCIDENTS see Drinking and traffic accidents

ALCOHOLS

Chemistry of allyl chlorides. Report No. 1: Cyanoethylation of 1-alkoxy-3-alkene-5-ols and conversions of alkoxynitriles obtained. S. A. Vartanian, A. O. Tosunian, L. G. Meseropian Izv. AN Arm SSR Khim nauki 14 no 5,469-475 '61

Dehydrogenation of alcohols on a copper-calcium catalyst. I. B. Rapoport, V. M. Gol'dberg, L. B. Heikson Zhur. prikl. khim. 34 no. 11 2541-2550 N '61.

Developing the carbamide method for separating oxygen-containing substances into normal and isostructural compounds. E. M. Kheifets and others. Khim. i tekh. topl. i masel 7 no. 1:60-61 Ja '62.

Methods of preparing higher aliphatic alcohols (C_7 - C_{16}), and their technological and economic evaluation V. I. Klimenko, D. M. Rudkovskii, S. F. Riabukhova. Khim. prom. no. 1:8-10 Ja '62.

Nuclear magnetic resonance study of association in the systems ethyl alcohol - water and isopropyl alcohol - water. V. V. Ivanov, S. G. Entelis. Izv. AN SSSR. Otd. khim. nauk no. 1 178-180 Ja '62

Temperature dependence of the viscosity of n-alcohols. M. Kh. Karapet'iants, [An' Go-sen' (Yen Kuo-shên)]. Izv. vys. ucheb. zav. khim. i khim. tekh. 4 no. 4:560-563 '61.

Thermal effect of the reaction of alcohol dehydration affecting the results of kinetic measurements A. A. Balandin, V. Stsibizhevskii, A. A. Tolstopiatova. Vest. Mosk. un. Ser. 2: Khim 17 no. 1:30-33 Ja-F '62.

ALDABERGENOV, NURMOLD

Legend of Aldabergenov Sabit Mukanov. Oktiabr' 38 no 7 6-7 Jl '61.

ALDEHYDES

Flotation qualities of aldehydes N. S. Vlasova, V. I. Klassen Nauch. soob. Inst. gor. dela 6 67-76 '60.

ALDER see subdivision under White Russia

ALEKSANDROV, ANATOLII NIKOLAEVICH, 1888-

"Memory of the heart." O. Stepanov. Sov. muz. 26 no. 8:20-22 Ag '61.

ALEKSANDROVA, EMILIIA BORISOVNA

Pastimes of Emiliia Aleksandrova. A. S. Teatr 23 no. 1:180-181 Ja '62.

ALEYSK DISTRICT—SCHOOL SUPERVISION

Public inspector, R. Zhabreva. Doshk. vosp. 35 no. 1: 27-30 Ja '62

ALFONSO, NICOLAS

Spanish guitarist. B. D. Sov. muz. 25 no. 12:107 D '61.

ALGAE

Chemistry of green algae (Chlorophyta) [with summary in English]. G. K. Barshkov. Bot. zhur 46 no 12: 1824-1834 D '61

Materials on the species of algae causing the fouling of ships in the Sea of Azov and the Black Sea. K. I. Ivanova. Trudy Inst. okean 49:137-146 '61.

Phylogeny of green algae (Chlorophycophyta) [with summary in English]. K. I. Meier. Bot. zhur. 46 no 8: 1074-1086 Ag '61.

Studying the requirement of two species of algae Dunaliella for mineral and organic components of the medium. E. S. Mil'ko. Vest. Mosk. un. Ser. 6: Biol., pochv. 17 no. 1:18-24 Ja-F '62.

Work of a school club on the study of algae. A. A. Gurevich. Biol. v shkole no. 1:83-84 Ja-F '62.

ALGAE—CULTURES AND CULTURE MEDIA

Isolating single-cell cultures of Chlorella [with summary in English]. K. V. Kvitko. Issl. po gen. no. 1:50-54 '61.

ALGEBRAIC GEOMETRY see Geometry, Algebraic

ALGEBRAIC TOPOLOGY

Equivalence of topological spaces in primitive classes of algebras. T. M. Baranovich Mat. sbor 56 no 1: 129-136 Ja '62

ALGERIA—HISTORY

"Kitab tuhfat al-zair fi mawathis al-Amir Abd al-Qadir" Reviewed by A. I. Maltseva. Krat. soob. Inst. nar. A. fi no. 15 192-196 '61

ALGERIA—POLITICAL PRISONERS

Youngster from Pontchailloux. Henri Alleg. Ogonek 40 no. 6,26-27 F '62

ALGERIA—POLITICS AND GOVERNMENT

Algeria in 1881 - 1882, based on a Russian journalist's letters G. A. Nersesov Sov etn. no 5 110-115 S-O '61

How the Soviet Union defended the interests of the Algerian people in the United Nations, 1957-1960 Submitted by V. V. Ivantsov, V. IA. Sipols Ist. arkh 7 no 3:3-4 My-Je '61

New stage in the struggle for the liberation of Algeria. Larbi Bokali. Mezhdunar. zhizn' 9 no 2 40-49 F '62.

Outrageous intrigues of the fascists. T. Ievleva. Mezhdunar. zhizn' 9 no. 2 125-126 F '62

Roy, Jules. [The Algerian war. Translated from the French Preface by V. Shatrov] Alzhirskaia voina. Red. L. Kelarev. Moskva, Izd-vo inostr. lit-ry, 1961 120 p

Who needs the war in Algeria. V. Gavrilyuk. Komm. Ved. 39 no 7:71-75 Jl '61.

ALGERIA—SOCIAL CONDITIONS

Algeria in 1881 - 1882; based on a Russian journalist's letters G. A. Nersesov. Sov. etn no 5:110-115 S-O '61

ALGORISM

Asymptotic behavior of the distribution of maximum deviations V. S. Korolyuk Dokl. AN SSSR 142 no 3 522-525 Ja '62.

Resolution of algebraic-differential algorisms on electronic computers V. A. Shurygin, N. N. Tamenko Probl. kib. no. 6:33-41 '61

'ALĪ SHĪR, MĪR, called al-NAWĀ'Ī, 1441-1501

Paleographic description of the manuscripts of Alisher Navoi's "Collected letters." G. A. Davydova. Krat. soob. Inst. nar. Azii no 41 187-192 '61.

ALIMENTARY CANAL—CANCER

Protein fractions in the blood serum in cancer of the gastrointestinal tract before and after surgery. T. A. Kadonshchuk. Vop. onk. 7 no. 5,9-16 '61

ALIMENTARY CANAL—RADIOGRAPHY

Functional changes in the gastrointestinal tract in patients with peptic ulcer of the stomach and duodenal bulb after injection of cabbage juice (X-ray study). P. K. Klimov Terap arkh. 33 no. 8 28-32 '61.

"X-ray diagnosis of the gastrointestinal canal" [in German] by R. Prevot and M. Lamarich Reviewed by I. U. N. Sokolov. Vest. rent i rad 36 no 5 73-74 S-O '61

ALIMENTARY CANAL—SURGERY

Some problems in esophageal and gastric surgery in cancer. N. I. Krakovskii, B. I. Peterson. Sov. med. 25 no. 8:147-149 Ag '61.

ALKALI LANDS see Saline and alkali soils

ALKALI METAL HALIDES—DIPOLE MOMENTS

Polarizability of ions and dipole moments of the diatomic molecules of alkali halides. V. A. Kovalevskii, V. M. Tatevskii Vest. Mosk. un. Ser. 2: Khim. 17 no. 1:21-26 Ja-F '62.

ALKALI METAL VANADATES

Compound liberated at the anode in the electrolysis of alkali vanadate solutions. A. S. Goncharenko. Zhur. prikl. khim. 34 no. 11 2575-2576 N '61.

ALKALI METALS—ANALYSIS

Applicability limits for the method of additions in the flame photometric determination of alkaline elements. B. D. Stepin, V. E. Plyushchev. Izv. vys. ucheb. zav.: khim. i khim. tekh. 4 no. 4:560-573 '61.

ALKALI METALS—ELECTRIC PROPERTIES

Calculating the conductance of vapors of alkali metals and copper. V. P. Ignatenko. Zhur. tekh. fiz. 32 no 1 126-132 Ja '62.

ALKALINE EARTH OXIDES

Investigating the reactions taking place during the production of alkaline earth hexaborides by carbon reduction. N. V. Vekshina, L. IA. Markovskii. Zhur. prikl. khim. 35 no. 1:30-37 Ja '62.

ALKALOIDS

Alkaloid resources of the flora of the central Sayans. B. A. Shukhobodskii. Trudy Bot. inst. Ser. 6 no. 9:317-340 '61.

ALKALOIDS (Continued)

Quantitative determination of alkaloids by means of dioxane sulfotrioxide. O. S. Ostroshchenko, A. S. Sadykov, L. S. Smirnova. Zhur. prikl. khim. 34 no. 12: 2797-2800 D '61.

Variation of alkaloid content in datura. I. I. Gerasimenko. Bot. zhur. 46 no. 8:1202-1205 Ag '61.

ALKALOIDS—PHYSIOLOGICAL EFFECT

Effect of pilocarpine and atropin on the size of the pupil and intraocular pressure in rabbits in normal conditions and in disorders of the innervation of the eye. N. V. Bekauri and others. Fiziol. zhur. 47 no. 7:821-825 Jl '61.

Role of alkaloids in the vital activity of plants. M. Z. Mindlin, V. K. Gerasimenko. Trudy Perm. farm. inst. no. 1:121-130 '59.

ALKANES see Paraffins

ALKOXY GROUPS

Antineoplastic activity of alkoxy derivatives of p'-bis (β-chloroethyl)-aminomethyl-azobenzene. A. I. Kravchenko, S. P. Khramchenkova. Vop onk 7 no. 12 19-26 '61.

ALKYLATION

Alkylation of phenol with diisobutyl in the presence of cation-exchanging tar as a catalyst. V. I. Isagliants, G. A. Ivanov. Nauch. zap. Ukrniiproekta no. 4:113-120 '61.

Packless mixer with an electromagnetic drive as a reactor for the production of alkyl sulfuric acids. I. IA. Fingrut, A. P. TSitrin. Khim. i tekh. topl. i masel 7 no. 2:44-49 F '62.

ALL-UNION COMMUNIST PARTY (BOLSHEVIK) see Communist Party of the Soviet Union

ALLANITE see subdivision under Armenia; Siberia; Eastern

ALLERGY

Allergy in the pathogenesis of polyposis of the nose and its accessory sinuses. I. M. Sobol' Vest. otorin. no. 6:3-11 '61.

Case of anaphylactic shock. V. V. Vlasov. Voen.-med. zhur no. 7:73-74 Jl '61

Case of human sensitization to dry antiinfluenza serum following its administration through the upper respiratory passages. K. M. Cheiysheva Vop virus. 6 no. 5 628 S-O '61

Changes in the allergy test under the influence of hydrogen sulfide baths in polyarthritis of nonspecific etiology S. Kalandarov. Zdrav Tadzh. 8 no. 5:10-13 S-O '61

Clinical aspects of toxic allergic tuberculosis in children. G. S. Kirkevich. Pediatriia no. 1:47-52 '62.

Clinical manifestations of medicinal penicillin allergy [with summary in English]. IU P. Borodin Sov med. 25 no. 7:58-66 Jl '61.

Dadash'ian, M. A. [Prevention of infectious diseases and allergy in children] Profilaktika infektsionnykh zabolevanii i allergii u detei. Moskva, Medgiz, 1961. 248 p. (DNLM)

Eruptions following vaccination against smallpox. V. M. Komarov. Sov. med. 25 no. 8:120-122 Ag '61

Neuroallergic pathogenesis of multiple sclerosis. D. A. Markov, A. L. Leonovich. Vest. AMN SSSR 16 no. 6:18-22 '61.

Pathology of allergic myocarditis. IU G Boiko. Klin. med. no. 1. 124-127 '62.

Role of allergy in the development of pathological processes; based on data by IA. I. Azhip and others A. N. Gordienko. Biul. Uch. med. sov. 2 no 6:17-22 N-D '61.

[illegible] pathogenesis of traumatic and ana- [illegible] v and others. Voen.-med.

ALMA-ATA—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

During these unforgettable days. P. Shutov. Part. zhizn' Kazakh. no. 11:28-33 N '61.

Party groups need everyday assistance. IU. Parpov, P Panov. Part. zhizn' Kazakh. 31 no. 10.76-77 O '61.

ALMA-ATA—ELECTRIC POWER

Features in the development of the electric power system of Alma-Ata. S. S. Naboko. Trudy Inst. energ. AN Kazakh. SSR 2.82-87 '60.

ALMA-ATA HYDROELECTRIC POWER STATION—PIPELINES

Construction of a high-pressure pipeline at the Alma-Ata Hydroelectric Power Station No 2 N. I Zinevich Energ stroi no 20 90-94 '61

ALMALYK—LEAD INDUSTRY

Hello, future! Polina Shcherbinina. Nar. khoz. Uzb. 4 no 1:38-39 Ja '62.

ALMALYK—ZINC INDUSTRY

Hello, future! Polina Shcherbinina. Nar. khoz. Uzb. 4 no. 1:38-39 Ja '62

AL'MET'YEVSK REGION—BORING

Igrevskii, V.I. [Organization of drilling; from the practice of the Al'met'yevsk Petroleum Industry Drilling Trust, a progressive trust of the Tatar A.S.S.R.] Praktika organizatsii burovykh rabot; iz opyta raboty peredovogo tresta Tatarii - Al'met'evburneft'. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 72 p. (Obmen peredovym tekhnicheskim opytom)

ALPHA RAYS—INDUSTRIAL APPLICATIONS

Using polonium 210 for separating minerals in a flow of ions caused by alpha rays. I. N. Plakain, L. P. Starchik Izv. vys. ucheb. zav. ;gor. zhur. no. 11:162-166 '61.

ALPHA RAYS—PHYSIOLOGICAL EFFECT

Effect of total-body alpha irradiation on hormonal activity of the adrenal cortex. F. L. Leites. Med. rad. no. 8:73-77 '61.

ALTAI MOUNTAINS—LOESS

Characteristics of loess in the Rudnyy Altai N I. Kriger, I. S Chumakov, G M Terekhina Trudy MGRI 37 116-130 '61

ALTAI MOUNTAINS—PRECIPITATION (METEOROLOGY)

Distribution of the average annual amount of precipitation in the central Altai. V. I. Rusanov. Izv. Vses. geog. ob-va 93 no. 6:507-511 N-D '61.

ALTAI MOUNTAINS—PUBLIC HEALTH

History of public health in the Altai. A. S. Kodkin. Sov. med. 25 no 10:145-147 O '61.

ALTAI TERRITORY—AGRICULTURE—EXPERIMENTATION

Key to fertility. G. A. Naifvaiko. Ogonek 40 no. 2:2-3 Ja '62.

ALTAI TERRITORY—BEANS

Forage beans in the Altai Territory. N. I. Chekanova. Zemledelie 23 no. 12:14-18 D '61.

ALTAI TERRITORY—COMMUNITY AND SCHOOL

Public inspection. V. Z. Shutilina. Doshk. vosp. 35 no 1:17-19 Ja '62.

ALTAI TERRITORY—FARM MECHANIZATION

Their conscience is at stake. Nikolai Bykov. Ogonek 40 no. 3:7-8 Ja '62.

ALTAI TERRITORY—MUSIC

Twelve days in the Altai A. Ostrovskii. Sov. muz. 26 no. 1:112-114 Ja '62

ALTAI TERRITORY—STANDARDIZATION

Improve the standardization procedures in the Altay Territory. D. I. Grechko. Standartizatsiia 26 no 1: 61-62 Ja '62.

ALTAI TERRITORY—WAGES—MACHINERY INDUSTRY

Using group wage payment systems in the machinery manufacturing plants of the Altai Economic Region. E. IArin. Biul. nauch. inform. ;trud i zar. plata 4 no. 9: 39-41 '61.

ALTERNATING CURRENTS see Electric currents, Alternating

ALTITUDE, INFLUENCE OF

Changes in blood circulation and saturation of the blood with oxygen in the acclimatization process of a person in the mountains [with summary in English]. A N TSyrul'nikov. Biul. eksp. biol. i med. 52 no 8:41-47 Ag '61.

Comparative indices from ballistocardiograms of inhabitants of high mountain and valley regions of Tajikistan I. P. Plotnikov. Zdrav. Tadzh. 6 no. 5:36-38 S-O '61.

Man in the mountains. V. Kunchulila. Znan. sila 36 no. 12:22-23 D '61

Materials on the medico-geographical features of mountain landforms. V. P. Biakov Geog. sbor no. 14 36-56 '61

Method of measuring pulmonary ventilation in respiration under increased pressure at high altitudes N A. Agadzhanian and others. Fiziol. zhur. 47 no. 6:778-780 Je '61.

ALTITUDES—MEASUREMENT

Hypsometric construction of layers with concordant dip. A. S. Gluzbar. Izv. vys. ucheb zav. ;gor. zhur no. 11: 55-57 '61.

AL'TSHULER, ANATOLII EVGEN'EVICH, 1906-1961

A. E Al'tshuler (1906-1961); obituary. Khim. i tekh. topl. i masel 6 no 12 3 of cover D '61

ALTYKUL' VALLEY—GEOLOGY, STRATIGRAPHIC

Recent data on lower Cambrian deposits in the basin of the Altykul' River. T I Khairullina, B. V IAskovich Izv. Otd. geol -khim i tekh nauk AN Tadzh SSR no. 2 111-117 '61.

ALUMINA—CONGRESSES

Technological conference on improving the procedure for the production of alumina. I N. Kitlei. Izv. vys. ucheb. zav. , tsvet. met 4 no 3 155-159 '61.

ALUMINATES

Effect of protective additions on the stability of aluminate solutions in the presence of solid phases L G. Romanov, V. D. Ponomarev. Izv. AN Kazakh. SSR Ser. met. , obog i ogneup no 3 59-65 '61.

Role of sodium ferrite in leaching of aluminate sinters. M F Malyshev, G V Kazabrodskaia. Zhur. prikl. khim. 31 no 11:2107-2113 N '61.

ALUMINOSILICATES

Basic laws governing the oxidation of coke on the surface of an aluminosilicate spherical catalyst. S. V. Adel'son, A. IA. Zaitova. Khim. i tekh. topl i masel 7 no. 1:25-31 Ja '62.

Selecting an aluminosilicate catalyst for heavy feed stock cracking. E. T. Gulnitch. Khim. i tekh. topl. i masel 7 no. 2 18-19 F '62.

ALUMINUM

Determination of magnesium in soils with aluminum. G. P. Fedorova, L. S. Serdiuk. Izv. vys. ucheb. zav. ; khim. i khim. tekh. 4 no. 4:606-607 '61.

Possibility of using accelerators in binding asbestos cement to aluminum with phenolic adhesives. A. S Freidin, A. B. Sholokhova, M. S. Krol' Plast. massy no. 9: 20-24 '61.

Use of aluminum fibers for improving the properties of polyester and epoxide resins (from "Intern. Plast. Eng," no. 1, 1961). Plast. massy no. 10:71 '61.

ALUMINUM—ANALYSIS

Determination of iron, aluminum, and manganese in metallurgical slags by the use of trilon. V. A. Radko, E. M. IAkimets. Zav. lab. 27 no. 12:1464-1465 '61.

ALUMINUM—ELECTROMETALLURGY

Investigating by a new method current efficiency in the production of aluminum by electrolysis of cryolite-alumina melts. E. Balazh, A. I. Beliaev. Izv. vys. ucheb. zav. , tsvet. met. 4 no. 3:67-74 '61

ALUMINUM—METALLOGRAPHY

Electron microscope study of a sintered aluminum powder. A. I. Painov, Pan-IA-chen'. Zav. lab. 27 no. 12:1500-1501 '61.

Selecting preparation methods for studying the structure of a sintered aluminum powder. N. S. Gorchikova, N. I. Kolobnev. Zav. lab. 27 no. 12 1498-1499 '61.

ALUMINUM—METALLURGY

Composition of solid precipitates during the processing of red muds for the hydrochemical production of alumina M M. Goldman, V. D. Ponomarev. Izv. AN Kazakh. SSR. Ser. met. , obog. i ogneup. no. 3 40-49 '61.

ALUMINUM—WELDING

Construction of all-aluminum passenger cars. D. M. Rabkin, I. M. Savich, T. S. Rozhdestvenskaia Avtom. svar. 15 no. 2 60-65 F '62.

New machines for the cold butt welding of aluminum, copper and aluminum with copper. I. B. Baranov. Avtom. svar. 15 no. 2:49-59 F '62.

ALUMINUM ALLOYS

Fridlander, I. N., V. I. Dobatkin, and E. D. Zakharov, eds. [Malleable aluminum alloys] Deformiruemye aliuminievye splavy; sbornik statei. Moskva, Gos. nauchno-tekhn. izd-vo Oborongiz, 1961. 234 p.

ALUMINUM ALLOYS—BRITTLENESS

Method of determining the endurance limit of materials with low embrittlement. N. A. Borodin. Trudy MATI no. 51:86-89 '61.

ALUMINUM ALLOYS—FATIGUE

Effect of stress concentration on the fatigue of B95 aluminum alloy. E. V. Glatsintov, M. N. Stepnov, V. P. Kogaev. Trudy MATI no. 51:67-73 '61.

ALUMINUM ALLOYS —FATIGUE (Continued)

Fatigue properties of aluminum alloys used for helicopter blades. E. V. Glatsintov, M. N. Stepnov, V. P. Kogaev. Trudy MATI no. 51:39-66 '61.

ALUMINUM ALLOYS—TESTING

Effect of stress concentration on the durability of B95 aluminum alloy. N. A. Borodin. Trudy MATI no. 51 74-84 '61.

Investigating the mechanical properties of aluminum alloys under the effect of compression. G. T. Ivanov, V. S. Streltsev. Trudy MATI no. 51 90-99 '61.

Mechanical properties of D16 and B95 aluminum alloys in connection with the procedure for the manufacture of semifinished products of these alloys. N. A. Borodin, E. V. Glatsintov, M. N. Stepnov. Trudy MATI no. 51 5-38 '61.

ALUMINUM CARBIDE

Preparation of metallic calcium by the reduction of calcium oxide by aluminum carbide. A. S. Burnazian, M. V. Darbinian. Izv. vys. ucheb. zav., tavet. met. 4 no. 3 81-87 '61.

ALUMINUM FOUNDING see subdivision under Zaporozh'ye

ALUMINUM ORGANIC COMPOUNDS

Direct synthesis of triisobutyl aluminum. A. F. Zhigach and others. Khim. prom. no. 1:24-26 Ja '62.

Polyorganoalumoxanes and polyorganoaluminosiloxanes. K. A. Andrianov and others. Izv. AN SSSR, Otd. khim. nauk no. 1:78-86 Ja '62.

ALUMINUM OXIDE

Preparation of active spherical aluminum oxide. IA. R. Katsobashvili and others. Khim. prom. no. 1 26-30 Ja '62.

ALUMINUM OXIDE—ELECTRIC PROPERTIES

Investigating oxide films on aluminum by means of impedance measurements. S. IA. Grilikhes, B. IA. Zil'berman, B. S. Krasikov. Zhur. prikl. khim. 34 no. 12: 2695-2692 D '61.

ALUMINUM-TITANIUM-VANADIUM ALLOYS see Titanium-aluminum-vanadium alloys

AMALGAMS

Reduction of tellurium (IV) by cadmium amalgam. E. F. Speranskaia, E. S. Shevchenko. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 4 545-549 '61.

AMASHUKELI, VASILII IAKOVLEVICH, 1886-

First motion-picture cameraman in Georgia. K. I. Gogodze. Iz ist. kino 4:103-110 '61.

AMATEUR ART ACTIVITIES see subdivision under Kiev; Leningrad

AMATEUR MOTION PICTURES

"How to shoot and project motion pictures" by N. Kudriashov. Reviewed by O. Kasimov. Iskusstvo kino no. 12:137-138 D '61.

In the interest of the amateur photographer. I. Kravtsova. Sov. foto 22 no. 1 25-26 Ja '62.

Practice is the best school of mastery. A. G. Simonov. Tekh. kino i telev. 6 no. 1:73-77 Ja '62.

AMATEUR RADIO STATIONS

I have received a great satisfaction. G. Pozdernik. Radio no. 2 27-28 F '62.

In the QSL bureau of the Central Radio Club. Radio no. 1: 18-21 Ja '62.

Journey of an SSB transmitter. Radio no. 2:27 F '62.

Mobile SSB transmitter. Radio no. 2:20-21 F '62.

The outstanding WAZ SSB certificate was received by a Soviet shortwave radio operator. Radio no. 2:17 F '62.

SQ SSB. Radio no. 1:23 Ja '62.

"Surprises" of the S-band. A. Voimboim. Radio no. 1: 22-23 Ja '62.

The transfers were faultless. A. Moskalenko. Radio no. 2:28 F '62.

Transmitter for a beginning shortwave radio operator. N. Ronzhin. Radio no. 1, 24-27 Ja '62.

Work on SSB is very beneficial. IU. Inozemtsev. Radio no. 2 28 F '62

AMATEUR THEATRICALS

(see also subdivision under Dnepropetrovsk Province; Drogobych, Kameshkovo, Kustanay Province; Kuznetsk Basin, Moscow; Spas)

Diploma of the stage director. Teatr 22 no. 8:177 Ag '61.

Mailbox of "Teatr." Teatr 22 no. 8:176 Ag '61.

News from Kazan and other cities. Teatr 22 no. 8: 178-180 Ag '61.

Okhlopkov, N. P. [For all young people] Vsem molodym. [Moskva] Izd-vo TsKVLKSM "Molodaia gvardiia," 1961. 92 p.

Why is it a failure? IU. S. Teatr 22 no. 8:177 Ag '61.

AMBUSHES AND SURPRISES

Rifle platoon in ambush. T. Isachenko. Voen. vest. 41 no. 9 56-59 S '61.

AMEBIASIS

(see also subdivision under Uzbekistan)

Late results of the treatment of hepatic amebiasis [in Azerbaijani with summary in Russian] N. F. Bagdasarov. Azerb. med. zhur. no. 7:35-38 Jl '61.

Surgical complications of amebiasis [with summary in English] D. S. Karimov. Med. zhur. Uzb. no. 8 36-39 Ag '61.

AMERICAN LITERATURE—HISTORY AND CRITICISM

"Rooted in mankind itself ", on the development of the American novel. R. Orlova. Vop. lit. 5 no. 8 97-122 Ag '61.

AMERICANS see subdivision under Kuznetsk Basin

AMERICIUM

Penneman, R. A., and T. K. Keenan. [Radiochemistry of americium and curium. Translated from the English. Preface by G. IAkovlev] Radiokhimiia ameritsiia i kiuriia. Pod red. G. N. IAkovleva. Moskva, Izd-vo inostr. lit-ry, 1961. 96 p.

AMINES

Effect of phenol and amine compounds on deposit formation in fuels containing cracked components. V. N. Zrelov, V. M. Melekhin. Zhur. prikl. khim. 34 no. 11: 2537-2544 N '61.

Quantitative determination of some organic bases by means of dioxanesulfotrioxide. O. S. Otroshchenko, A. S. Sadykov, N. I. Saiti. Zhur. prikl. khim. 34 no. 12: 2768-2770 D '61.

Reactions of amines with bis-(chloromethyl)-tetramethyldisiloxane and its derivatives. K. A. Andrianov, L. M. Volkova. Izv. AN SSSR. Otd. khim. nauk no. 1:87-90 Ja '62.

AMINO ACIDS

Bonds formed between diketopiperazines and amino acids. L. N. Akimova. Khim. belka no. 1:89-140 '61.

Ivanov, I. D. [Polarography of proteins, enzymes, and amino acids] Polirografiia belkov, enzimov i aminokislot. Moskva, Izd-vo Akad. nauk SSSR, 1961. 254 p.

Luminescence of aromatic amino acids and proteins in solutions in connection with their excitation in short-wave ultraviolet fields. E. A. Burshtein. Biofizika 6 no. 6:753-763 '61.

Prolonged afterglow of proteins and amino acids at room temperature. Report No. 1. Kinetics of the afterglow of proteins and amino acids. S. V. Konev, M. A. Kattsnikov. Biofizika 6 no. 6 638-641 '61.

Proteins and amino acids in the blood serum of patients with otogenic intracranial complications. I. IU. Laskov, G. A. Polgin. Med. zhur. Uzb. no. 6:12-17 Je '61.

Rapid method for histochemical determination of free amino acids in plants. R. K. Saliaev. Bot. zhur. 46 no. 8:1144-1145 Ag '61.

Specific polycondensation of amino acid ethers. V. V. Patrikeev, T. D. Kozarenko, A. A. Balandin. Izv. AN SSSR Otd. khim. nauk no. 1 170-171 Ja '62.

Synthesis of amino acid benzyl esters. E. P. Krysin, N. A. Poddubnaia. Vest. Mosk. un. Ser. 2: Khim. 17 no. 1: 75-77 Ja-F '62.

AMINO ACIDS—THERAPEUTIC USE

Correcting circulatory disorders after loss of blood by introducing a solution of sodium lactate enriched with amino acids [with summary in English]. I. I. Staru-shenko. Vrach. delo no. 12:16-20 D '61.

AMINOPYRINE

Behavior of pyramidon under conditions of differential titration. N. IA. Khlopin, A. Trudy Perm. farm. inst. no. 1:138-1

AMMONIA

Method of converting Baltic shale into used in the synthesis of ammonia. V. LIEI no. 36:76-95 '61.

Modeling of an ammonia synthesis col electronic mathematical computers. Khim. prom. no. 12:850-854 D '61.

Spectrophotometric study of thymol-hy for ammonia. M. I. Kulenok. Izv. vys. i khim. tekh. 4 no. 4:558-560 '61.

Synthesis of ammonia in the fluid-bed Anokhin. Zhur. prikl. khim. 35 no.

AMMONIA AS FERTILIZER

Using ammonium bicarbonate as fertili chin, V. I. Sokolova. Zemledelie 23

AMMONIUM CARBONATE

Drying of crystalline ammonium bicarbed. N. A. Shakhova, A. I. Rychkov, E. Khim. prom. no. 11:783-786 N '61.

AMMONIUM NITRITE

Reaction rate of decomposition of amm solutions. D. IA. Itkina, M. A. Miniov. Zhur. prikl. khim. 35 no. 1:43-47 Ja

Stabilization of the thermal decomposition of highly concentrated ammonium nitrate melts. IA. I. Kil'man. Khim. prom. no. 1:66-69 Ja '62.

AMMONIUM PHOSPHATE

Production of ammonium phosphate and liquid fertilizers from ammonia of coke-oven gas. G. D. Khariampovich, R. I. Kudriashova. Koks i khim. no. 11:38-41 '61.

AMMONIUM SULFATE

Drying ammonium sulfate in a dryer with a direct shifting of the fluidized bed. M. D. Kuznetsov and others. Koks i khim. no. 6:39-42 '61.

New design for an ammonium sulfate dryer. S. IU. Slipovich. Koks i khim. no. 8:42-43 '61.

Production of first-grade ammonium sulfate. K. P. Popov, V. F. Sokolov. Koks i khim. no. 8:35-39 '61.

AMMONOIDEA see subdivision under Kedabek District

AMNIOTIC FLUID

Protein and carbohydrate content in the amniotic fluid during labor [with summary in English] S. I. Kellin, G. B. Kravtsova, V. I. Leitan. Akush. i gin. no. 5 55-59 '61.

AMPLIFIERS (ELECTRONICS)

Cascade circuit of a low-frequency amplifier. P. Sobolev. Radio no. 2, 31 F '62.

Comparative analysis of the frequency characteristics of two operating modes of a MDM-type d. c. amplifier [with summary in English]. V. I. Anfalmov. Avtom. i telem. 23 no. 1:98-105 Ja '62.

Differentiating amplifier with capacitative feedback [with summary in English]. L. IA. Rinitskii, L. IA. Nagornyi. Avtom. i telem. 23 no. 1:91-97 Ja '62.

Measuring d. c. amplifier having an automatic zero-drift correction. V. IU. Konchalovskii, R. R. Kharchenko. Priborostroenie no. 1:10-12 Ja '62.

Problem concerning the choice of transfinite systems for the amplification of space charge waves. L. V. Kasatkin, G. N. Rapoport. Radiotekh. i elektron. 7 no. 2: 347-348 F '62.

Sanin, A. A. [Radio engineering methods for studying radiation] Radiotekhnicheskie metody issledovaniia izlucheniĭ. Pod red. M. S. Kozodaeva. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1951. 388 p.

AMPLIFIERS, TRANSISTOR see Transistor amplifiers

AMPUTATION

Interiliacabdominal amputation in malignant tumors of the pelvic girdle. IU. V. Petrov. Vop. onk. 7 no. 5: 103-110 '61.

AMU DARYA VALLEY—LAND

[Land and water resources of the lower Amu Darya Valley and their use; Kara-Kalpak A. S. S. R. and Khorezm Province, Uzbek S. S. R.] Zemel'no-vodnye resursy nizov'ev Amu-Dar'i i ikh ispol'zovanie (Kara-Kalpakskaia ASSR i Khorezmskaia oblast' UzSSR). Tashkent, Izd-vo Akad. nauk Uzbekskoĭ SSR, 1960. 265 p. (Materialy po proizvoditel'nym silam Uzbekistana, no. 11)

AMU DARYA VALLEY—WATER RESOURCES DEVELOPMENT

[Land and water resources of the lower Amu Darya Valley and their use; Kara-Kalpak A. S. S. R. and Khorezm Province, Uzbek S. S. R.] Zemel'no-vodnye resursy nizov'ev Amu-Dar'i i ikh ispol'zovanie (Kara-Kalpakskaia ASSR i Khorezmskaia oblast' UzSSR). Tashkent, [illegible]
265 p. (M[illegible]

ANADYR'—FORTIFICATIONS, OLD

The Anadyr' Fortification. I. S. Vdovin. Kraeved. zap. Mag obl. kraeved muz. no 3 31-48 '60

ANADYR'—HISTORY

The Anadyr' Fortification. I. S. Vdovin. Kraeved. zap. Mag obl kraeved muz no 3:31-48 '60

ANADYR' REGION—FROZEN GROUND

Some observations on thermokarst in the region of the village of Anadyr', N.A. Grave, I. A. Nekrasov. Probl. Sev. no. 4:157-164 '61.

ANAKOPHA—ARCHAEOLOGY

Archaeological excavations in Anakopiia during 1957 and 1958. M. M. Trapsh. Viz. vrem 19:260-282 '61.

ANALEPTICS—PHYSIOLOGICAL EFFECT

Effect of the action of analeptics on respiration against the background of morphine, medinal and urethane application [with summary in English]. T. V Raspopova Farm i toks. 24 no. 3:276-279 My-Je '61

ANALGESICS—PHYSIOLOGICAL EFFECT

Effect of analgesics on the reactive potentials of the afferent systems of the brain [with summary in English]. L. N. Sinitsyn Farm. i toks. 24 no 3,268-267 My-Je '61.

ANALOGIES, ELECTROMECHANICAL see Electromechanical analogies

ANALYSIS, CHROMATOGRAPHIC see Chromatographic analysis

ANALYTIC FUNCTIONS see Functions, Analytic

ANALYTICAL GEOMETRY see Geometry, Analytic

ANALYTICAL MECHANICS see Mechanics, Analytic

ANAPHYLAXIS

Anaphylactic shock in penicillin therapy. G. A. Gol'dberg, L. P. Motovilova Sov. med 25 no. 7:124-126 Jl '61

Study of the correlation between the minimal sensitizing and the permissible doses of tissue and serum antigens in various stages of sensitization [with summary in English]. B. D. Brondz. Biul. eksp. biol i med. 52 no 8,86-90 Ag '61.

Two cases of anaphylactic shock following the administration of bicillin D. V. Pomosov, M. A Slastikhin, I. A. Erukhin. Klin. med. no 1:141-145 '62

ANATOMY, HUMAN

Kabanov, A. N., A. A. Markosian, and V. S. Faifel'. [Life and the structure of the human body] Zhizn' i stroenie cheloveecheskogo organizma. Moskva, Izd-vo "Znanie," 1961. 34 p. (Narodnyi universitet kul'tury. Estestvennonauchnyi fakul'tet, no. 17)

Medical museum of the department of Normal Anatomy at the Leningrad Medical Institute of Sanitation and Hygiene. V. N Nadezhdin, V N Balashev, L E Zhemchuzhnikova. Arkh anat gist i embr. 41 no 9 111-120 S '61.

ANATOMY, PATHOLOGICAL

Modern requirements for a qualitative analysis of medical diagnosis and the procedure of clinical pathoanatomic conferences. M. K. Dal'. Vrach delo no. 6 99-104 Je '61.

ANATOMY, PATHOLOGICAL—ATLASES

Radnot, M. [Atlas of eye diseases] Atlas glaznykh boleznei. Budapest, Izd-vo Akad. nauk Vengrii.
Vol. 1. 1962. 188 p.
(DNLM)

ANDERSEN, HANS CHRISTIAN, 1805-1875—BIBLIOGRAPHY see Bibliography—Andersen, Hans Christian, 1805-1875

ANDIZHAN PROVINCE—AGRICULTURE—LABOR PRODUCTIVITY

Glinianyi, V. G., and Uktam Narimov. [For high labor productivity; from the experience of the "Saval" State Farm, Andizhan Province] Za vysokuiu proizvoditel'nost' truda; iz opyta raboty sovkhoza "Saval" Andizhanskoi oblasti. Tashkent, Gos. izd-vo UzSSR, 1961. 40 p. (Vystavka dostizhenii narodnogo khoziaistva SSSR)
(DA)

ANDREEV, ALEKSANDR DMITRIEVICH

"Sun of Leningrad"; verse by Aleksandr Andreev. Reviewed by G. Borisov. Neva no. 12:199-200 '61.

ANDREEV, MIKHAIL NIKOLOV

Survey of the works of Prof. D. S. Angelov and of Prof. M. N. Andreev on the history of the Bulgarian State and law during the feudal period. N. N. Leman Viz. vrem. 19:319-329 '61.

ANDREEV, SERGEI EFIMOVICH, 1861-

Anniversary of S. E. Andreev, Honored Worker in Science and Technology of the R.S.F.S.R. Obog. rud. 6 no. 5: 55-56 '61.

ANEMIA

Anemias of intestinal origin. E. I. Atakhanov. Terap. arkh. 33 no. 6:52-59 '61.

Combination of hemolytic anemia with chronic angiocholecystitis. I. N. Rudenskaia Pediatriia 10 no. 1: 31-33 D '61

Effect of vitamin B_{12} on hemopoiesis in anemia. V. A. Gal'tsev Zdrav. Tadzh. 8 no. 5:18-21 S-O '61

Hemopoiesis in the liver in hemolytic disease in newborn infants [with summary in English] A. V. Zhukovets Arkh. pat. no. 1 24-31 '62

Pathogenesis of anemia in ankylostomiasis. L. A. Efendiyeva. Azerb. med. zhur no. 7 17-22 Jl '61.

ANEMOMETER

Apparatus for calibrating the ASO-3 ventilation anemometers. P. V. D'iachenko, A. I. Kameneva. Trudy GGO no 116 41-46 '61

Wear-resistant pivots of anemometers. P. V. D'iachenko. Trudy GGO no 116 56-59 '61.

ANESTHESIA

Advantages and disadvantages of bronchoesophagoscopy under anesthesia with the use of muscle relaxants. A. N. Kabanov. Vest. khir no 5:100-110 '61

Anesthesia in bilateral adrenalectomy for far-advanced breast cancer [with summary in English]. P. Valek, M. Koziel Vest. khir no. 1:95-99 '62

Anesthesia in tonsillotomy. G. N. Grigor'ev. Zhur. ush., nos. i gorl. bol. 21 no 5 76 S-O '61

Influence of conduction anesthesia on the paired activity of the salivary glands [with summary in English]. N. P. IArosh. Zhur. vys. nerv. deiat. 11 no 5 942-946 S-O '61

Preparation of patients for surgical cautery of pleural adhesions in the sanatorium. A. D. Cheremukhin and others. Sov. med. 25 no. 6:130-131 Je '61

S. N. Potapova's article, "Cutaneous anesthesia through electrophoresis in treating pockmarks of the face, and saccharomycetic paronychia and onychia." M. A. Kachkovskii. Vop. kur., fizioter. i loch. fiz. kul't. 24 no. 6:555-556 N-D '59.

Tracheobronchoscopy under anesthesia. G. I. Lukomskii Vest. khir. no 5:100-106 '61.

Use of procuran in anesthesia [with summary in English]. I. N. Erukova. Vest. khir. no. 6:91-94 '61.

ANESTHESIA—COMPLICATIONS AND SEQUELAE

Case of recurarization following the use of decamethonium. M. K. Muradov. Zdrav. Tadzh. 8 no 6:38-40 N-D '61.

ANESTHESIA, INTRATRACHEAL see Intratracheal anesthesia

ANESTHESIA, SPINAL see Spinal anesthesia

ANESTHESIOLOGY
(see also subdivision under Paris)

Organizing anesthesiological service. S. V. Kul'nev, A. V. Gorshkov. Sov med. 25 no. 10,122-124 O '61.

ANESTHESIOLOGY—MEDICAL INSTRUMENTS AND APPARATUS

Automatic respiration control in anesthesia. A. M. Rukman. Vest khir. no. 1:112-117 '62.

ANEURYSMS

Case of surgical treatment of aneurysm of the internal carotid artery V. P. Ivanov, I. I. Shafranskii. Vest. khir. no 1:140-142 '62.

Surgical treatment of old traumatic aneurysms [with summary in English]. O. B. Milonov. Vest. khir. no. 6:52-59 '61.

ANEURYSMS, AORTIC see Aortic aneurysms

ANGARA RIVER—HYDROELECTRIC POWER STATIONS

Angara billions. V. IArosh. Nauka i zhizn' 28 no. 10: 56-57 O '61

ANGARA VALLEY—IRON ORES

Flow sheet for the dressing of the Angara-Ilim region iron ores. N. G. Turenkov. Trudy Ural'nauchnaobra no. 5:74-98 '59.

ANGELICA
(see also subdivision under Sayan Mountains)

Development of fruit in Archangelica decurrens Ldb. [with summary in English]. G. A. Doulatova. Bot. zhur. 46 no 12:1760-1765 D '61.

ANGELOV, DIMITUR SIMEONOV

Survey of the works of Prof. D. S. Angelov and of Prof. M. N. Andreev on the history of the Bulgarian State and law during the feudal period. N. N. Leman. Viz. vrem 19:319-329 '61

ANGINA PECTORIS

Angina pectoris syndrome in bronchial asthma. V. A. Trigor. Vrach. delo no. 12:37-40 D '61.

Clinical variations, classification and pathogenic treatment of stenocardia. A. B. Shakhmazarov. Vrach. delo no. 12:32-36 D '61.

Differential diagnostic value of determining transaminase in the blood in stenocardia and with infarctoral necroses of the myocardium. V. G. Uspenskaia, V. I. Potrovskii. Kardiologiia 1 no. 6:90-91 N-D '61.

Gorki. Gor'kovskii gosudarstvennyi meditsinskii in
[Angina pectoris and myocardial infarct; collected articles of the Department of Typological Therapy honor of Professor A. I. Gefter's 60th birthday] Grudnaia zhaba i infarkt miokarda; sbornik trudov kafedry fakul'tetskoi terapii, posviashchennyi 60-letiiu professora A. I. Geftera. Pod red. K. G. Nikulina. Gor'kii 1960. 382 p.
(DNLM)

Immediate and late results of bilateral ligation of internal thoracic artery in stenocardia. A. A. Nerets, I. N. Rybkin. Klin. med no 1 11-18 '62

Importance of studying blood protein fractions in differential diagnosis of stenocardia and myocardial infarct [with summary in English] B. A. Ondrienko. Kardiologiia 1 no 6 49 in N-D '61

Ligation of the internal thoracic arteries in a patient with stenocardia and stomach cancer. S. T. Zhdan. Vest. khir. no. 5 107-108 '61.

Significance of a novocaine block of the aortic cardiac plexuses in the treatment of stenocardia. V. I. Kl. Vrach delo no 6 39-42 Je '61.

Stenocardia and myocardial infarct simulating "acute abdomen." A. P. Podmarenko Vest khir no 6: 128-131 '61.

Therapeutic action of erinit in stenocardia. I. N. Ry. N. N. Vedrova Klin med no 1 10 43 '62

Treatment of stenocardia by local radon baths of high concentrations. A. IA. Gubergrits, I. A. Loshchina. Vop. kur., fizioter. i loch. fiz. kul't. 26 no. 1 30-3 Jl-Ag '61.

Use of new coronary vessel dilating substances in the treatment of stenocardia [with summary in English] P. S. Grigor'ev. Vrach. delo no. 1:10-14 D '61.

ANGIOGRAPHY

"Angiocardiography atlas of congenital heart defects. German] by R. Kunzler and N. Schad. Reviewed by Zedin and P. V. Shaldin Vest. rent. i rad. 36 no 74-75 S-O '61

Role of angiopneumography in the diagnosis and determination of the operability of lung cancer [with summary in English]. A. Kh. Trakhtenberg Vest. khir no 11-24 '62

ANGIOMATOSIS

On "familial" angioreticulomatosis of the cerebellum (Hippel-Lindau disease) [with summary in English] I. S. Babskin. Vop. neirokhir. 25 no. 1,54-59 '61.

ANGIOSPERMS

Biochemical evolution of the pollen of angiosperms. Tsingen. Trudy Glav. bot. sada 8:149 '61 '61

Histochemical investigation of the pollen and pollen in some angiosperms. V. A. Poddubnaia-Arnoldi and others. Trudy Glav. bot. sada 8:162 '61 '61

ANGOLA—ETHNOLOGY

Population of Angola. A. I. Sobchenko. Sov. etn no 124-134 S-O '61

ANGOLA—POETS

Poetry is over wholeship in Angola. Lidiia Nekrasova. Kult. i zhizn' 5 no. 8,6-7 '61.

ANGOLA—POLITICS AND GOVERNMENT

Population of Angola. A. I. Sobchenko. Sov. etn no 124-134 S-O '61

Solarko, L. O. [The wind of freedom over Angola] Vi svobody nad Angoloiu. Kyiv, 1961. 47 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 4, no 7)

ANGREN—CONSTRUCTION INDUSTRY

Doktorov, M., and V. Nikolaev. [They are building a coal mining gorod, ochered "Tashkent, Tsenti Kom. LKSM Uzbekistana Izd-vo "Esh gvardiia," 1961. 31 (Molodye gerot nemlodki)

ANGREN BASIN—COAL GEOLOGY

Rumanova, O. D. [Structure of the coal complex of the Angren deposit] Stroenie ugol'nogo kompleksa Angrenskogo mestorozhdeniia. Tashkent, Gos. izd-vo Uzbekskoi SSR, 1959. 95 p.
[MICROFILM]

ANGREN REGION—COAL—ANALYSIS

Sorptional ash of coal. I. N. Semashova, I. S. Saflev AN SSSR 142 no. 3,633-636 Ja '62

ANILINE

Physicochemical analysis of the system aniline - ethyl alcohol, viscosity, density, and surface tension. K. Kovalenko, N. A. Trifonov. Uch. zap. RGU 11, 15-5 '58.

Studying the transformation of 6-nitroaniline caused gamma rays. E. N. Zedelashvili. Soob. AN Gruz. 27 no. 5:541-545 N '61.

ANIMAL COLORATION see Color of animals

ANIMAL INTRODUCTION

Outlook for the acclimatization of some species of the Caspian fauna (as exemplified by Vesselovskoye Reservoir). V. M. Kruglova. Trudy Gidrobiol. ob-va 11: 345-353 '61

Some considerations on the introduction of new species of food fauna into Crimean reservoirs. P. A. Zhuravl. Trudy Gidrobiol. ob-va 11:338-344 '61

ANIMALS—FEEDING AND FEEDS

Feeders for wild animals. V. Barkov. IUn. nat. no. 12: 40 D '61

ANIMALS, FOOD HABITS OF

Characteristics of the nutrition of murine rodents in the forest and in cutover areas. V. V. Tupeeva. Trudy Komi fil. AN SSSR no. 9: 71-81 '60

ANIMALS, HABITS AND BEHAVIOR OF

Notes of a naturalist. F. Filenko, P. M. Romanova, IUrii Kachaev. IUn. nat. no. 12: 38-39 D '61.

ANIMALS, TREATMENT OF

Children must grow up to be humane. I. A. Piskunova, I. I. IAntsen. Doshk. vosp. 35 no. 1: 87-90 Ja '62

ANIMALS AS CARRIERS OF DISEASE see subdivision under Kirghizistan

ANIONS

Separation of some anions by electrolysis with the use of ion-exchange membranes. A. G. Kebliankskii, O. A. Ulitin. Zhur. prikl. khim. 34 no. 12: 2699-2704 D '61

ANKYLOSTOMIASIS see Hookworm disease

ANNIVERSARIES

Looking through the calendar. Kul't.-pros. rab. 22 no. 6: 58-59 Je '61

Looking through the calendar. Kul't.-pros. rab. 22 no. 7: 58-59 Jl '61.

Noteworthy dates. Nar. obr. no. 1: 126-127 Ja '62.

Propagandist's notebook. Blok. agit. [Groz.] 18 no. 14: 32 Jl '61.

Propagandist's notebook. Blok. agit. [Groz.] 18 no. 16: 31 Ag '61

ANORTHOSITE see subdivision under Armenia

ANOSOV, NIKOLAI PAVLOVICH

Correspondence of conductors. Sov. muz. 25 no. 8: 81-83 Ag '61

ANOXEMIA

Effect of arterial hypoxemia in pulmonary emphysema on capillary permeability. G. N. IUshina. Terap. arkh. 33 no. 10: 103-105 '61

Negative effect of narcotic substances in oxygen starvation. A. I. Ulovich. Farm. i toks. 24 no. 3: 284-288 My-Je '61.

Protective action of hypoxia in "brief" and "prolonged" irradiation of mice by gamma rays. I. B. Bychkovskaia. Med. rad. no. 6: 68-72 '61.

Report on Z. I. Barkashova's book, "Acclimatization to hypoxia and its physiological mechanisms." G. P. Konradi. Fiziol. zhur. 47 no. 10: 1330-1332 O '61.

ANTARCTIC REGIONS

Captain Scott on the South Pole. F. Debenham. Priroda 51 no. 1: 100-104 Ja '62.

Chronicler of scientific daring. L. Davydov. Nauka i zhizn' 28 no. 10: 91-96 O '61.

ANTARCTIC REGIONS—DESCRIPTION AND TRAVEL

On the icy continent. A. Druzhinin. Nov. vrem. 20 no. 9: 28-29 F '62.

ANTARCTIC REGIONS—HISTORY

Two heroic expeditions; 50 years since the discovery of the South Pole. K. K. Markov. Priroda 51 no. 1: 93-100 Ja '62.

ANTARCTIC REGIONS—ICE

Dynamics of the shelf ice front in eastern Antarctica. IA. P. Koblents, IU. A. Kruchinin. Probl. Arkt. i Antarkt. no. 9: 67-74 '61.

ANTARCTIC REGIONS—IONOSPHERE

Some characteristics of the F_2 layer in Antarctica. G. V. Bukin. Geomag. i aer. 1 no. 5: 730-739 S-O '61

ANTARCTIC REGIONS—MAGNETISM, TERRESTRIAL

Daily variation of magnetic disturbances at the geomagnetic pole in Antarctica. A. P. Nikol'skii. Geomag. i aer. 1 no. 5: 781-785 S-O '61

ANTARCTIC REGIONS—METEOROLOGY

Rusin, N. P. [Meteorological and radiation regime of Antarctica] Meteorologicheskii i radiatsionnyi rezhim Antarktidy. Leningrad, Gidrometeoiz. izd-vo, 1961. 446 p.

ANTARCTIC REGIONS—OCEAN TEMPERATURE

Factors determining the thermal stratification of Antarctic waters. IU. A. Ivanov. Okeanologiia 1 no. 6: 992-996 '61.

ANTARCTIC REGIONS—RUSSIAN EXPLORATION

In the land of glacial armor. A. Barabanov. Grazhd. av. 18 no. 12: 26-28 D '61.

Seventh Soviet Antarctic Expedition. Mor. flot 22 no. 1: 36 Ja '62.

ANTENNAS (ELECTRONICS)

Antenna with back radiation. K. Fokitel. Radio no. 2: 26 F '62

Application of Fourier's double transformations for the synthesis of antennas with plane apertures. B. M. Minkovich. Radiotekh. i elektron. 7 no. 1: 171-173 Ja '62

Effect of the directivity of receiving-transmitting antenna systems on the statistical characteristics of the received signal. IU. A. Kovura. Radiotekh. i elektron. 7 no. 2: 195-201 F '62

Optimum distribution of the parameters of linear antennas. E. V. Baklanov. Izv. Sib. otd. AN SSSR no. 11: 136-137 '61

ANTENNAS (ELECTRONICS)—DIFFRACTION

Concerning the role of diffraction on the fringes of a mirror with side radiation. B. E. Kinber. Radiotekh. i elektron. 7 no. 1: 90-98 Ja '62

ANTENNAS (ELECTRONICS)—MEASUREMENT

Using thermopiles and thermistors in measuring current in a measuring antenna. V. S. Businov. Izm. tekh. no. 12: 54-55 D '61

ANTHELMINTICS

Seasonality of infection with ascariasis and the best time for worming in various climate zones. V. P. Burmakina. Zdrav. Padzh. 8 no. 6: 56-58 N-D '61

ANTHRACENE

Processing anthracene fraction by hydrogenation. A. G. Boris and others. Koks i khim. no. 10: 53-56 O '61

ANTHRACNOSE see subdivision under White Russia

ANTHRAX

Recovery in anthrax lesions of the intestine. V. N. Lebedev. Sov. med. 25 no. 7: 134-138 Jl '61.

ANTHROPOLOGY

"Outline history of anthropology in Russia" by M. G. Levin. Reviewed by N. Cheboksarov. Sov. etn. no. 6: 132-134 N-D '61.

Review of a number of articles in the journal "Soviet Anthropology." N. D. Dovgiallo. Arkh. anat. gist. i embr. 11 no. 9: 121-126 S '61.

ANTHROPOLOGY—CONGRESSES

First session of the Working Organizational Committee of the Seventh International Congress of Anthropologists and Ethnologists. K. IAkimova. Sov. etn. no. 5: 116-118 S-O '61.

ANTHROPOLOGY—MAPS see subdivision under Asia

ANTHROPOLOGY, PHILOSOPHICAL see Philosophical anthropology

ANTHROPOMETRY

Coordination Committee on the Standardization of Anthropometry. Marc R. Suter. Sov. etn. no. 6: 155 N-D '61.

ANTIAIRCRAFT ARTILLERY

Antiaircraft battery on the defensive. D. Miloserdov. Voen. vest. 41 no. 7: 84-87 Jl '61.

Inspection of a battery before firing. A. Luginin. Voen. vest. 41 no. 7: 88-89 Jl '61

On the march in the mountains. A. Kozhevnikov. Voen. vest. 41 no. 9: 84-86 S '61.

What experience teaches. P. Bystrykh. Voen. vest. 41 no. 9: 87 S '61.

ANTIBIOTICS

Administration of antibiotics into the hypogastric artery by the retrograde route in gynecological diseases [with summary in English]. T. V. Borima. Akush. i gin. no. 5: 98-100 '61

Antibiotic sensitivity in strains of coli bacilli isolated at various stages of acute radiation sickness in animals treated and not treated with antibiotics [with summary in English]. N. N. Klimpai skaia, N. V. Rueva. Antibiotiki 6 no. 6: 534-541 Je '61.

Clinical and morphological characteristics of the form of renal tuberculosis in patients treated with antibiotics and chemical preparations. A. B. Topchan, V. I. Braude, T. P. Mochalova. Probl. tub. no. 5: 50-56 '61

Comparative study of dehydrogenase activity in Brestau bacteria isolated from patients [with summary in English]. F. G. Diatlov. Antibiotiki 6 no. 6: 521-526 Je '61.

Comparative study of three methods for determining bacterial sensitivity to antibiotics [with summary in English]. I. V. Vlasova. Antibiotiki 6 no. 6: 513-516 Je '61.

Current status of study on polymyxins and related antibiotics. S. M. Mamiofe, Z. T. Sinitsyna. Antibiotiki 6 no. 6: 552-563 Je '61.

Devices used in automatic control of antibiotics production processes. N. A. Romanov. Priborostroenie no. 1: 24-25 Ja '62.

Effect of the antibiotic goldecain on the process of ascorbic acid oxidation. E. P. Markhel', N. V. Novotel'nov. Izv. vys. ucheb. zav., pishch. tekh. no. 5: 31-34 '61.

Effectiveness of antibiotic and sulfanilamide treatment of food toxicoinfections of salmonella origin. IU. M. Mikhailova, E. G. Mel'nik. Sov. med. 25 no. 7: 131-133 Jl '61.

Electron microscope observations on morphological changes in meningococci under the influence of sulfodimezine and antibiotics [with summary in English]. L. E. Rybak, L. I. IArmolenko. Antibiotiki 6 no. 6: 531 Je '61.

Local treatment of chronic suppurative otitis with antibiotics ["Otolan, polska," No. 3, 1960]. Zhur. ush., nos. i gorl. bol. 21 no. 6: 66 N-Ag '61.

Morphology of umbilical sepsis at different periods during the use of antibiotic therapy on nursing infants [with summary in English]. V. M. Afanas'eva. Pediatriia no. 1: 16-20 '62.

Mycerin therapy in colienteritis and other infectious gastrointestinal diseases in young children [with summary in English]. A. G. Avanesova, I. I. Riabinskaia, L. V. Poliak. Sov. med. 25 no. 6: 105-109 Je '61

Mycotic stomatitis in men. L. V. Shevliakov. Vest. derm. i ven. no. 1: 46-49 '62.

Planelles, Kh. Kh., and A. M. Kharitonova. [Side effects in the use of antibiotics for bacterial infections] Pobochnye iavleniia pri antibiotikoterapii bakterial'nykh infektsii. Moskva, Medgiz, 1960. 358 p. (DNLM)

Preservation of antibiotic resistance in strains of staphylococci isolated from patients [with summary in English]. A. N. Shneerson, I. S. Bulanova-Kala, N. A. Andreeva. Antibiotiki 6 no. 6: 526-530 Je '61

"Principal manifestations of the side effects of antibiotics in clinical practice" by U. A. Ankarov. Review by S. M. Navashin. Antibiotiki 6 no. 6: 567-569 Je '61

Relationship between vitamin B_{12} and antibiotics in animal nutrition. A. R. Valdman. Vit. res. i ikh isp. no. 5: 269-282 '61.

Sensitivity of microflora to various antibiotics in subacute and chronic inflammation of the maxillary sinuses [with summary in English]. V. Z. Tarasiuk. Zhur. ush., nos. i gorl. bol. 21 no. 1: 41-45 Jl-Ag '61

"Side effects following antibiotic therapy for bacterial infections" by Kh. Kh. Planelles, A. M. Kharitonova. Reviewed by I. A. Kassirskii, G. I. Valuheva. Antibiotiki 6 no. 6: 564-567 Je '61.

Study of the combined effect of the antibiotic 6270 and of some synthetic preparations with an inhibitory effect on the growth of experimental tumors [with summary in English]. O. K. Rosselimo, M. S. Stanilavskaia, G. N. Lepeshkina. Antibiotiki 6 no. 6: 479-484 Je '61

Treating pasteurellosis of cattle and buffaloes with antibiotics [in Azerbaijani with summary in Russian]. M. G. Alekperov. Trudy Sekt. fiziol. AN Azerb. SSR 1: 97-103 '60

Use of antibiotics in dermatology [with summary in English]. A. A. Kalamkarian. Sov. med. 25 no. 7: 70-73 Jl '61.

Use of antibiotics in the surgery of suppurative diseases. N. N. Plotovykh. Sov. med. 25 no. 7: 66-70 Jl '61

Use of mycerin in treating pneumonia in infants [with summary in English]. V. M. Marchenko. Sov. med. 25 no. 10: 92-96 O '61

ANTIBIOTICS—PHYSIOLOGICAL EFFECT

Effect of broad-spectrum antibiotics on some indices of blood coagulability and resistance of the vascular wall in rheumatic lesions of the cardiovascular system. I. F. Kuprash. Vrach. delo no. 12: 62-65 D '61

Effect of sea water and penicillin, streptomycin and ecmolin solutions on the function of the ciliated epithelium [with summary in English]. M. IA. Polunov. Zhur. ush., nos. i gorl. bol. 21 no. 5: 56-61 S-O '61

ANTICOAGULANTS (MEDICINE)

Effect of anticoagulants on the blood level in coronary atherosclerosis [with summary in English]. L. A. Minnikov, V. L. Platenko. Sov. med. 25 no. 7: 31-35 Jl '61.

ANTICOAGULANTS (MEDICINE)—THERAPEUTIC USE

Technic for anticoagulant therapy. B. E. Votchal, R. I. Averina. Klin. med. no. 1: 15-19 '62

ANTIGENS AND ANTIBODIES

Age-related antigenic characteristics in tissues of old animals [with summary in English]. V. A. Korev. Biul. eksp. biol. i med. 52 no. 10: 85-89 O '61.

Antigens from cancerous tumors of the stomach in man [with summary in English]. R. B. Gragerova. Vop. onk. 7 no. 5: 53-59 '61.

Appearance of incomplete antibodies after bone marrow transplantation in radiation sickness (preliminary report) [with summary in English]. M. A. Umnova, M. N. Novikova. Biul. eksp. biol. i med. 52 no. 8: 93-98 Ag '61.

Auto-antibody formation in rheumatism (preliminary report) [with summary in English]. I. N. Nosyn. Sov. med. 25 no. 6: 55-61 Je '61.

Data demonstrating the antigenic relationship between Salmonella typhi and human leucocytes [with summary in English]. V. Kh. Vyichanov, R. Popivanov. Biul. eksp. biol. i med. 52 no. 10: 89-92 O '61.

Diagnostic significance of immune body titer and transaminase activity in the blood in diagnosing the phase of rheumatic fever. R. I. Mikutis. Klin. med. no. 1: 77-84 '62.

ANTIGENS AND ANTIBODIES (Continued)

Influence of reserpine on the concentration of antibodies circulating in the blood. V. V Kvirikadze, M. A Mendeleva. Trudy Gos. nauchno-issl. inst. psikh. 22 420-425 '60.

Mechanisms controlling the production of antibiotics in the light of data of immunity genetics and the biochemistry of abnormal human hemoglobins V P Efroimson. Probl klin no 6 161-181 '61

Simultaneous sensitization to some erythrocyte antigens. M. A. Umova and others Probl gemat i perel. krovi no. 11 56-58 '61

Study of the correlation between the minimal sensitizing and the permissible doses of tissue and serum antigens in various stages of sensitization [with summary in English]. B. D. Bronda Biul. eksp biol i med. 52 no. 8:86-90 Ag '61

ANTIHYALURONIDASE

Activity of nonspecific antihyaluronidase of blood serum in rats with vitamin A deficiency and excess. N B Lutsiuk, IA. I Dumanskii. Vrach delo no. 6 97-98 Je '61

Activity of tissue antihyaluronidase in different courses of the rheumatic process [with summary in English] O L Dukhovnaia Vrach. delo no 6 28-32 Je '61.

ANTIMONY

Zinc corrosion in solutions of sulfuric acid and a zinc electrolyte in the presence of antimony and cobalt impurities. K. N Kovalenko, IU. P. Ivanova, S P Vorob'eva Uch. zap. RGU 41 27-38 '58

ANTIMONY ORES see subdivision under Azatek region (Armenian S. S. R.)

ANTIOCH—HISTORY

"Antioch, pagan and Christian. Libanius, Chrysostomus, and the monks of Syria" [in French] by A. J. Festugiere Reviewed by S. A. Kaufman. Viz vrem. 20:267-278 '61.

ANTIPYRINE

Behavior of the system of bromate-bromide-antipyrine under conditions of polarographic differential titration. N. IA. Khlopin, L. G. Gein. Trudy Perm farm. inst. no. 1, 134-137 '59.

ANTIQUITIES see Archaeology, also subdivision 'Antiquities' under Atargan; Lukashevka, Moldavia; Ossetia, North; Shaytanovka region; Sovetskoye District, Chechen-Ingush A. S. S. R.; Talas Valley; Uelen, Vol'dino region; Volhynia

ANTISEPTICS

Use in stomatology of new synthetic antimicrobic preparations. M N Rotmistrov and others Stomatologiia 39 no. 6:22-26 N-D '60.

ANTISPASMODICS

Effect of cholinolytics methyldiazil and methyldiphacil, on motor activities of the gastrointestinal tract [with summary in English] M N. Makhsumov Farm. i toks. 24 no. 3:327-335 My-Je '61.

Electrocardiogram in elderly and senile mental patients under treatment with methyldiazil. M. L. Shekhtman. Vrach. delo no. 12:108-110 D '61.

Spasmolytic action of dioquine. A. IU. Svidler. Khim. i med. no. 15:113-117 '60

Use of methyldiazil in the surgical treatment of disease [with summary in English] O. K. Maslov Vest. khir no. 1:109-112 '62

ANTONOV, SERGEI PETROVICH, 1915-

A road made longer by fifteen years; remarks on the works of Sergei Antonov A. Marchenko Vop. lit 5 no 8 12-38 Ag '61.

ANTRUM—DISEASES

Puncture of the antrum ["Otolar. polska," No. 3, 1960] Zhur. ush., nos. i gorl. bol. 21 no. 4:88 Jl-Ag '61.

ANTS

Herald of a young naturalist. V. Maevskii and others. IUn. nat. no. 12:24-25 D '61.

ANUS—ABNORMITIES AND DEFORMITIES

Removal of anal stenosis in a 32-year-old woman. D. V. Pomosov. Vest. khir. no. 1:144-145 '62

AORTA—DISEASES

Physiological mechanisms of functional compensation in experimental aortic coarctation. Med zhur. Uzb. no. 6: 51-53 Je '61.

Surgical treatment of mitral, aortic and tricuspid stenosis [with summary in English]. S. A. Kolesnikov and others. Vest. khir. no. 5:3-10 '61.

AORTA—INNERVATION

Histopathology of the nerve elements in the heart and aorta of dogs with intravenous injection of adrenaline and caffeine [with summary in English]. E. M. Krokhina. Biul. eksp. biol. i med. 52 no. 8:112-117 Ag '61

AORTA—SURGERY

Alloplasty of a segment of the aortic arch using the ostium and trunk portion of the left subclavian artery M. N. Antchkov and others. Vest. khir. no. 7.15-18 '61.

Single-stage surgical removal of mitral, aortic and tricuspid stenoses using the left approach N. M. Genin, K. V Lapkin, A. D. Levant Vest khir no 1:134-136 '62

AORTIC ANEURYSMS

Clinical aspects and pathogenesis of dissecting aortic aneurysm N I IAnushkevich, A G Makarova Vrach delo no 6 110-142 Je '61

APARTMENT HOUSES

(see also subdivision under Moscow)

Bol'shev, E. N. [Assembly of completely precast apartment houses directly from vehicles] Montazh polnosbornykh zhilykh zdanii s transportnykh sredstv. Leningrad, Gos. izd-vo lit-ry po stroit., arkhit. i stroit materialam, 1961. 103 p.

Efficient design details of apartment houses made of vibrated brick panels. V. V. Nasedkin. Sbor. nauch trud TISI 6:14-20 '61

Experimental planning institute. I P. Domshlak Izv ASiA no 2 117-120 '61

Large-panel housing construction is the basic way to raise labor productivity in housing construction. A Kutsenova Ekon stroi no 11 35-42 N '61

A method for choosing the most efficient design details for large-panel apartment houses M S Mints Izv ASiA no 2 71-88 '61.

The product manufactured by a housing construction combine is a finished house. E. G Strzhalkovskii. Izv. ASiA no. 2 42-48 '61

APARTMENT HOUSES—COST OF CONSTRUCTION

Changing the estimated cost of apartment houses when adapting them to local building conditions L. A Gel'berg, G. L Fedorov Izv ASiA no. 2 89-93 '61

APARTMENT HOUSES—MAINTENANCE AND REPAIR see subdivision under Moscow

APATITE see subdivision under Baikal Lake region

APHASIA

Peculiar form of amnesic aphasia. G. I. Sosnovik. Sov. med 25 no 7 150-154 Jl '61.

APHASIA—CONGRESSES

Symposium on asphasia in Bucharest. R. A. Tkachev, N. A. Kryshova, E. S. Bein. Vest. AMN SSSR 16 no. 6: 65-68 '61.

APOPHYLLITE see subdivision under Kedabek District

APOPLEXY

So-called spontaneous intracerebral hemorrhages and their surgical treatment. A. I. Arttumov. Vop. neirokhir. 25 no. 1:38-42 '62

APPARATUS, CHEMICAL see Chemical apparatus

APPARATUS, ELECTRICAL see Electric apparatus and appliances

APPELLATE COURTS see subdivision under Irkutsk Province

APPELLATE PROCEDURE

Examination of criminal cases in appellate courts. A. Ryvlin. Rad. pravo no. 4:66-72 Jl-Ag '61.

How to examine the findings of experts in appellate and review procedure. A Pataashvili Sots. zakon 10 no. 1.34-37 Ja '62.

APPENDICITIS

On "hernial appendicitis." I. IU. Ibadov. Vest. khir. no. 5:85-87 '61.

Suturing of abdominal wounds following surgery in acute appendicitis. E. I. Otstavnova. Voen.-med. zhur. no 7: 85 Jl '61.

APPROXIMATE COMPUTATION

Efficient method for finding the best possible approximation procedures L. P. Lebedev Dokl. AN SSSR 142 no. 3.530-533 Ja '62.

Polynomials of best approximation and some of their applications. I. I. Eterman Izv. vys. ucheb. zav. ;mat. no. 1:179 '62.

APSAR

Materials on the history and architecture of the Apsar Fortress. V. A. Lekvinadze. Viz. vrem. 20:225-242 '61

APSHERON ARCHIPELAGO—FOLDS (GEOLOGY)

Mechanism of the formation of folds in the anticlinal zone of the Darwin Shoal, Gyurgyany-More field and Artem Island. A. D. Aliev, A. P. Ushakov. Azerb. neft. khoz. 40 no. 9:8-11 S '61.

APSHERON PENINSULA—CLAY

Compression resistance of clays in the Apsheron in the stage of the Apsheron Peninsula. A. K. Giul'. Izv. AN Azerb. SSR. Ser. geol. -geog. nauk i nefti no. 3:39-45 '61.

APSHERON PENINSULA—GAS, NATURAL—GEOLOGY

Geology of the Kirmaku Ridge. S. T. Ovnatanov, V. A. Gorin, G. P. Tamravian. Izv. AN Azerb. SSR. Ser geol. -geog. nauk i neftl no. 5:41-53 '61.

APSHERON PENINSULA—PARAFFINS

Dewaxing filter stock of the reinforced Surakhany oil in kerosene solution with an aluminum stearate additive. I. I. Agroskin, M. M. Prokopets, S. N. Popov Izv. vys. ucheb. zav., neft' i gaz 4 no. 6:73-80 '61

APSHERON PENINSULA—PETROLEUM GEOLOGY

Geology of the Kirmaku Ridge S. T. Ovnatanov, V. A. Gorin, G. P. Tamravian. Izv AN Azerb SSR. Ser geol.-geog. nauk i nefti no. 5:41-53 '61

Out of town session of the Institute of Geology in Neftyanyye Kamni. Z. L. Kravchinskii Izv AN Azerb SSR. Ser geol.-geog. nauk i nefti no. 5:104 '61.

APSHERON PENINSULA—WINDS

Wind conditions in the eastern part of the Apsheron region. A. A Kerimov, S. D. Koshinskii Izv. AN Azerb SSR. Ser. geol.-geog nauk i nefti no 4 107-116 '61.

AQUATIC WEED CONTROL

Small-scale work mechanization in the maintenance of open drainage systems B. M Protopopov Nauch. trudy KOMS no 1 138-148 '59.

AQUEDUCTS see subdivision under Golodnaya Steppe

ARABIC STUDIES

"Selected works," Vols. 1-6 by I. IU. Krachkovskii. Reviewed by E. A. Belinev. Vest AN SSSR 32 no. 1: 147-151 Ja '62.

ARAL SEA—BARBEL (FISH)

Materials on the biology of the Aral barbel P. I. Galaktionova Shor. rab po ikht i gidrobiol. no 1 202-213 '61.

Materials on the biology of the migratory barbel Barbus brachycephalus K of the Aral Sea P. I. Markova Shor rab po ikht. i gidrobiol no 3 154-170 '61

ARAL SEA—BENTHOS

Seasonal dynamics of benthos in the Aral Sea. P. A IAbionskaia Shor. rab po ikht i gidrobiol no 3 71-92 '61

A survey of research on the zoobenthos of the Aral Sea. N Z Khusainova Shor. rab po ikht. i gidrobiol no 3 52-70 '61.

ARAL SEA—CARP

Biological characteristics of the Aral carp O. N. Ivanova Shor rab po ikht i gidrobiol no 3 171-184 '61

ARAL SEA—DECAPODA

Biology of prawns acclimatized in the Aral Sea. A S Mutinovskaia Shor rab po ikht i gidrobiol. no 3. 119-123 '61

ARAL SEA—FISHERIES

Estimation of prospective fish resources and principal trends in the development of fisheries in the Aral Sea. A V. Voiodkin Shor. rab po ikht i gidrobiol. no 3 121-145 '61

Seasonal dynamics of the specific composition of fish catches in the Aral Sea during 1950-1954 O. D Romany cheva. Shor rab. po ikht. i gidrobiol. no 1 106-112 '61.

ARAL SEA—FISHERIES—CONGRESSES

Introductory address. P. F. Mariekhov. Shor rab. po ikht i gidrobiol no. 3 8-9 '61.

Resolution of the conference dedicated to the 30th anniversary of the research activities of the Aral Ichthyological Section of the Institute of Ichthyology and Fisheries of the Academy of Sciences of the Kazakh S. S R. Shor rab po ikht. i gidrobiol no 3 214-216 '61

ARAL SEA—FISHERIES—RESEARCH

Development of pisciculture science on the Aral Sea A. V Voiodkin. Shor. rab. po ikht. i gidrobiol no. 3 10 44 '61.

Introductory address R. M Musaflrov. Shor. rab. po ikht i gidrobiol no 3 5-7 '61

Some future problems of fishery research in the Aral Sea. G. V. Nikol'skii Shor. rab po ikht. i gidrobiol. no. 3 45-51 '61.

ARAL SEA—FISHING NETS

Use of pound nets in the southern part of the Aral Sea during 1950-1959 B. V. Pozdnev. Shor. rab po ikht. i gidrobiol no. 3.197-201 '61.

ARAL SEA—HERRING

Materials on the biology of the Baltic herring (Clupea harengus membras (L.)) in the Aral Sea N F. Rykov. Shor. rab. po ikht i gidrobiol. no 3 185-196 '61.

ARAL SEA—UNDERWATER ACOUSTICS

Speed of sound propagation in waters of the Caspian and Aral Seas. A. N. Spidchenko. Okeanologiia 1 no. 6. 1020-1024 '61.

ARAL SEA REGION—KARA-KALPAKS

Collective farmers' life in the fishing artels on the islands in the southern part of the Aral Sea [with summary in English]. T. A. Zhdanko. Sov. etn. no. 5:27-43 S-O '61

ARAL SEA REGION—KAZAKHS
Collective farmers' life in the fishing artels on the islands in the southern part of the Aral Sea [with summary in English] T. A. Zhdanko. Sov. etn. no. 5:27-43 S-O '61.

ARBITRATION, INTERNATIONAL
Some problems concerning the recognition and execution of arbitral decisions in Soviet agreements with foreign countries. S. N. Lebedev. Uch. zap. IMO no. 3:229-240 '61.

ARBITRATION AND AWARD
(see also subdivision under Ukraine)
Decisions of the State Arbitration Agency attached to the Council of Ministers of the U.S.S.R. Sots. zakon. 30 no. 12:79-80 D '61.
Pobirchenko, I. G. [Examination of claims in state arbitration agencies] Rassmotrenie del v gosudarstvennom arbitrazhe. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 73 p. (Bibliotechka khoziaistvennika i rabotnika iuridicheskoi sluzhby)

ARC, ELECTRIC see Electric arc

ARC LIGHT see Electric lighting, Arc

ARCHAEOLOGICAL SURVEYING see subdivision under Mongolia

ARCHAEOLOGY
(see also subdivision under Anakopia, Azerbaijan, Dniester Valley; Prut Valley; Uzh Valley, also subdivision 'Antiquities' under Atargan, Lukashevka, Moldavia; Ossetia, North; Shaytanovka region, Sovetskoye District, Cherchen-Ingush A.S.S.R., Talas Valley, Uelen; Vol'dino region, Volhynia)
Archaeological explorations in the R.S.F.S.R. in 1957-1958. N.K. Lisitsyna. Krat. soob. Inst. arkheol. no. 86:117-136 '61.
Archaeology today and tomorrow. L. Klein. Neva no. 12 153-159 '61.
From the past to the future; natural science and the prospects of archaeology. L.S. Klein. Priroda 51 no. 1: 68-77 Ja '62.

ARCHAEOLOGY—BIBLIOGRAPHY see Bibliography—Archaeology

ARCHANGEL PROVINCE—PAPER INDUSTRY
Production reserves are being used. I.P. Tiurin. Bum. prom. 36 no. 9:12-13 S '61.

ARCHES
Vibrations in precast arches. A.M. Modetbekov. Trudy TSNIISK no. 6:119-133 '61.

ARCHES, TRIUMPHAL see subdivision under Paris

ARCHITECTURE
Activities of the Academy of Construction and Architecture of the U.S.S.R. from 1956 to 1960. V.A. Kucherenko. Izv. AS1A no. 2:3-14 '61.
Architecture and world outlook. K. Afanas'ev. Vop. est. no. 4:150-161 '60.
Architecture is in the process of reorganizing. K.A. Ivanov, P.A. Volodin, N.A. Pokureva. Izv. AS1A no. 2: 25-33 '61.
Decision of the general meeting of members of the Academy of Construction and Architecture of the U.S.S.R. on the results of the activities of the Academy from 1956 to 1960. Izv. AS1A no. 2:15-24 '61.
Everything is for man! K. Ivanov. Stroi. i arkhit. Mosk. 9 no. 9:7-9 S '61.
In opposition to tendentious evaluations of the new, progressive direction taken by Soviet architecture. V.I. Svetlichnii. Izv. AS1A no. 2:34-41 '61.
Institute of the Theory and History of Architecture and Construction Technology. P.A. Tol'tevskii. Izv. AS1A no. 2:126-127 '61.
Perception of the new in architecture. G. Borisovskii. Vop. est. no. 4:144-148 '60.
Propagation of modern architectural style. S. Khan-Magomedov. Vop. est. no. 4:102-107 '60.
The study of architectural forms on certain Russian icons. A. Stolakovich. Viz. vrem. 18:116-123 '61.
Voronin, N.N. [Architecture of north-eastern Russia of the twelfth to fifteenth centuries] Zodchestvo Severo-Vostochnoi Rusi XII-XV vekov v dvukh tomakh. Moskva, Izd-vo Akad. nauk SSSR.
Vol. 1. [Twelfth century] XII stoletie. 1961. 562 p.

ARCHITECTURE—DESIGNS AND PLANS
Instructions on the order for paying bonuses to workers in planning and engineering organizations. Biul. Gos. kom. po vop. truda i zar. platy no. 10:9-17 '61.

ARCHITECTURE—DETAILS
Analysis of causes of the collapse of precast cornices and frontons completed on previously frozen concrete. A.I. Obolonin. Shor. nauch. trud. TISI 8:89-94 '61.

ARCHITECTURE, MILITARY see Military, Architecture

ARCHIVES
(see also subdivision under Germany, East; Poland)
Party archives prepare for the 22d Congress of the CPSU. N.V. Matkovskii. Ist. arkh. 7 no. 3:225-233 My-Je '61.

ARCTIC OCEAN—PHYTOPLANKTON
Phytoplankton of the North Pole (according to P.P. Shirshov's collections made from the first drift station "North Pole" during 1937-1938 under the leadership of I.D. Papanin). P.I. Usachev. Trudy Gidrobiol. ob-va 11 189-208 '61.

ARCTIC REGIONS
Conquering the ice regions. E.I. Tolstykov. Znan. ta pratsia no. 1:28 Ja '62.

ARCTIC REGIONS—CLOUDS
Cloud veil in the Arctic. N.N. Brlazgin. Probl. Arkt. i Antarkt. no. 9:75-77 '61.

ARCTIC REGIONS—CYCLONES
Some results of research on the thermal structure of Arctic anticyclones. L.A. Gavrilova. Trudy NIIAK no. 11:76-83 '61.

ARCTIC REGIONS—HYDROMETEOROLOGY
Relationship between hydrometeorological processes in the Atlantic area of the Arctic and the thermal and dynamic state of the Gulf Stream. V.M. Ivanov. Probl. Sev. no. 4:27-45 '61.

ARCTIC REGIONS—ICE-BREAKING VESSELS
For an active method of icebreaker pilotage; from work practices of the icebreaker "Moskva." A. Dedinin. Mor. flot 22 no. 1:35-36 Ja '62.

ARCTIC REGIONS—MAGNETISM, TERRESTRIAL
Daily variation of magnetic disturbances at the geomagnetic pole in Antarctica. A.P. Nikol'skii. Geomag. i aer. 1 no. 5:781-785 S-O '61.
Magnetic activity in the high latitudes of the Northern Hemisphere. I.A. Feldshtein. Geomag. i aer. 1 no. 5:786-794 S-O '61.
Q-indices of geomagnetic activity according to the data of Soviet Arctic observatories. G.I. Korobkova, A.I. Ol'. Probl. Arkt. i Antarkt. no. 9:89-92 '61.
Some properties of gigantic pulsations of the geomagnetic field. A.I. Ol', N.D. Chicherina. Probl. Arkt. i Antarkt. no. 9:85-87 '61.

ARCTIC REGIONS—METEOROLOGY—OBSERVATIONS
Leningrad. Arkticheskii i antarkticheskii nauchno-issledovatel'skii institut. [Materials on observations completed by the research drift stations "North Pole 6" and "North Pole 7" in 1957-58] Materialy nabliudenii nauchno-issledovatel'skikh dreifuiushchikh stantsii "Severnyi polius-6," "Severnyi polius-7" 1957/1958 goda. Pod obshchei red. V.M. Dzhatskogo. Leningrad, Izd-vo "Morskoi transport."
Vol. 2. 1961. 653 p.

ARCTIC REGIONS—SNOW—THERMAL PROPERTIES
Thermophysical characteristics of the Arctic snow cover. A.P. Koptev. Probl. Arkt. i Antarkt. no. 9:50-58 '61.

ARCTIC REGIONS—SURGERY
Providing emergency surgical care in remote areas of the Arctic. V.A. Popov, B.G. Apanasenko, I.A. Gorlinchev. Voen.-med. zhur. no. 7:04 Jl '61.

ARGON
Behavior of a metallic lithium surface in a low moisture air and argon atmosphere. V.V. Rachev, B.K. Maslennikov, A.A. Libov. Zhur. prikl. khim. 35 no. 1:100-Ja '62.
Deionization of argon plasma in a magnetic field. V.S. Golubev. Radiotekh. i elektron. 7 no. 1:153-160 Ja '62.

ARISTOLOCHIC ACID
Antineoplastic activity of aristolochic acid. L.N. Fiftis, P.S. Massagetov. Vop. onk. 7 no. 8:87-88 '61.

ARM
Lymphatic system of the fascia of the upper extremities [with summary in English]. E.B. Sal'iannikova. Arkh. anat. gist. i embr. 41 no. 9:93-102 S '61.

ARMAMENTS see subdivision under France

ARMAND, INESSA (STÉPHANE), 1875-1920
New documents on Inessa Armand. G.A. Nikolaev, G.Kh. Filippov. Ist. arkh. 7 no. 3:201-202 My-Je '61.

ARMASH (ARMENIA)—PUBLIC HEALTH, RURAL
Some results of work at the Armash rural medical district [with summary in English]. A.P. Airlian. Sov. zdrav. 20 no. 7:59-62 '61.

ARMATURES
Balancing of the traction motor armature on the MS-25 balancing stand. E.A. Perfil'ev. Elek. i tepl. tiaga 5 no. 12:12-14 D '61.
Glass tape for armature binding. V.I. Pukalov. Elek. i tepl. tiaga 5 no. 12:30-32 D '61.

ARMENIA—ACCOUNTING
Journal-voucher No. 6. V. Sarkisian. Prom. Arm. 4 no. 11:24-26 N '61.

ARMENIA—AGRICULTURE—STATISTICS
Russia (1923- U.S.S.R.) Tsentral'noe statisticheskoe upravlenie. [Agriculture in the Armenian S.S.R., statistical annual] Sel'skoe khoziaistvo Armianskoi SSR, statisticheskii sbornik. Pod red. G.G. Melkumii. Erevan, Aipetrat 1961. 103 p.

ARMENIA—ALLANITE
Orthite from the Gilatskoy granitoid massif. V.P. Petrov, V.S. Baltiiskii. Izv. AN Arm. SSR. Geol. i geog. nauki 14 no. 5:73-78 '61.

ARMENIA—ANORTHOSITE
Anorthosites of the Shorzha and Dzhil-Gatanakhskoy hologabbro-peridotite massifs in the Armenian S.S.R. S. Abolan. Izv. AN Arm. SSR Geol. i geog. nauki 14 no. 1:7-22 '61.

ARMENIA—BATHOLITHS
Mechanism of the formation of the Megri-Ordubad batholith. Sh.A. Azizbekov, T.G. Gadzhiev. Izv. AN Azerb. SSR, Ser. geol.-geog. nauk 1 no. 6:11-30 '61.

ARMENIA—BINDING MATERIALS
Using wastes of the Razdan Mining and Chemical Combine for the manufacture of mineral binding materials. I. Zakharov. Prom. Arm. 4 no. 11:28-31 N '61.

ARMENIA—BORDER GUARD
[On the border of our homeland; sketches] U rubezhnogo rubezhia, ocherki. Erevan, Armgosizdat, 1961. 69 p.

ARMENIA—BRANDY
Developing an efficient system for the manufacture of brandy alcohols. V. Litvak. Prom. Arm. 4 no. 11: 36-40 N '61.

ARMENIA—CONCRETE WALLS
Texturized lightweight concrete outer-wall panels made with natural stone materials. V. Stepanian. Prom. Arm. 4 no. 11:50-51 N '61.

ARMENIA—CONSTRUCTION INDUSTRY—ACCOUNTING
Shortcomings of the present systems of accounting for the work of construction machinery. B. Shukhanzarian. Prom. Arm. 4 no. 11:51-52 N '61.

ARMENIA—ECONOMIC CONDITIONS
In the Economic Council of the Armenian S.S.R. Prom. Arm. 4 no. 11:72-74 N '61.

ARMENIA—ECONOMICS
Conference of economists. Prom. Arm. 4 no. 11: 76-77 N '61.

ARMENIA—EFFICIENCY, INDUSTRIAL
Toward new achievements in the work of efficiency promoters. A. Sarafian. Prom. Arm. 4 no. 11:11-14 N '61.

ARMENIA—GASTROPODA, FOSSIL
Gastropoda of Rauracian sediments in northern Armenia. Z.V. Kriachkova. Izv. AN Arm. SSR Geol. i geog. nauki 14 no. 5:3-12 '61.

ARMENIA—GEOGRAPHICAL SOCIETIES
Twenty-fifth anniversary of the Armenian Geographical Society; 1935-1960. L.S. Stepanian. Izv. AN Arm. SSR. Geol. i geog. nauki 14 no. 5:61-63 '61.

ARMENIA—INDUSTRIAL ORGANIZATION
Interdepartmental inspection. K. Khachumian. Prom. Arm. 4 no. 11:22-24 N '61.

ARMENIA—INDUSTRIES
News in brief. Prom. Arm. 4 no. 11:74-75 N '61.

ARMENIA—INDUSTRIES—BIBLIOGRAPHY
New books and information materials received by the Scientific and Technical Library of the Economic Council of the Armenian S.S.R. Prom. Arm. 4 no. 11: 70-80 N '61.

ARMENIA—MUNICIPAL SERVICES
The Armenian S.S.R. Zhil.-kom. khoz. 11 no. 10:23 O '61.

ARMENIA—NONFERROUS METAL INDUSTRIES—SOCIETIES, ETC.
Daily routine of the Scientific and Technical Society. B. Barseghian. Prom. Arm. 4 no. 11:64-66 N '61.

ARMENIA—PEAT
Using Aparan peat as fuel. M. Babushian. Prom. Arm. 4 no. 11:18-21 N '61.

ARMENIA—PEDIATRICS
Akademiia meditsinskikh nauk SSSR, Moscow. [Transactions of a session of the Academy of Medical Sciences in Erivan, October 12-14, 1959] Trudy nauchnoi sessii Akademii meditsinskikh nauk SSSR v Erevane 12-14 oktiabria 1959 g. Redkollegiia: V.D. Timakov i dr. Moskva, Medgiz, 1960. 191 p.

ARMENIA—PHYSICAL GEOGRAPHY
Syunik (Zangezur) as a physicogeographical region and its regionalization. G.S. Abramian. Izv. AN Arm. SSR. Geol. i geog. nauki 14 no. 5:55-60 '61.

ARMENIA—PORTLAND CEMENT

Selecting the economical batch for the manufacture of portland cement at the Razdan Mining and Chemical Combine N Nikogosian. Prom Arm 4 no 11 15-18 N '61

ARMENIA—RELATIONS (GENERAL) WITH THE BYZANTINE EMPIRE

History of relations between Armenia and Byzantium A. M Melikset-Bek Viz vrem 20;64-74 '61

ARMENIA—RESEARCH, INDUSTRIAL

State Committee of the Council of Ministers of the Armenian S S R for the Coordination of Research Work Prom. Arm 4 no. 11,76 N '61

ARMENIA—SOCIALIST COMPETITION

They welcomed the 22d Congress of the CPSU the communist way. Prom. Arm 4 no 11 7-9 N '61

ARMENIA—TECHNICAL EDUCATION

In the Armenian House of Technology. Prom. Arm. 4 no 12 75-76 N '61

ARMENIA—THEATER

You should be alarmed! Aleksandr Araksmanian. Teatr 22 no 8,70-75 Ag '61

ARMENIA—TORNADOES

A very strong tornado L. A. Enfiadzhian. Priroda 51 no 1:89-90 Ja '62

ARMENIA—VOLCANIC ASH, TUFF, ETC.

Shirinian, K. G. [Volcanic tuffs and tuff-lavas in Armenia] Vulkanicheskie tufy i tufolavy Armenii Erevan, Izd-vo AN Armianskoi SSR, 1961 159 p

ARMENIA—WATER GAS

Synthesis gas and its utilization in the chemical industry of Armenia. M. Khachaturov Prom Arm. 4 no 11. 13-14 N '61

ARMENIAN HIGHLAND—GEOGRAPHY

Concerning the geography of the Armenian Highland G K Gabrielian Izv. AN Arm. SSR Geol i geog nauki 14 no 5 43-53 '61

ARMENIAN MANUSCRIPTS see Manuscripts, Armenian

ARMENIAN MERCHANTS see Merchants, Armenian

ARMIES see also subdivision 'Army' under Germany, West, Russia, United States

ARMIES—OFFICERS

Moessner, E. [Modern officers] Sovremennye ofitsery. Buenos Aires, Ukhno-Amerikanskii Otdel In-ta po issl. problem voiny i mira im. N. N. Golovina, 1961, 40 p.

ARMIES—STAFFS

Zaitsev, A. A. [General staff duty] Sluzhba General'nogo Shtaba. New York, Izd-vo "Voennyi vestnik," 1961 209 p

ARMORED VEHICLES

Red'kin, M. G. [Armored carriers] Bronetransporty. Moskva, Voen. izd-vo M-va obor SSSR, 1961. 99 p

AROMATIC COMPOUNDS—SPECTRA

Investigating the negative ions of some aromatic compounds by means of electron paramagnetic resonance S. P. Solodovnikov. Zhur. struk khim 2 no 3 282-282 My-Je '61.

AROMATIC PLANTS see subdivision under Sayan Mountains

ARPENAL—PHYSIOLOGICAL EFFECT

X-ray study of the action of arpenal on the function of the gall bladder in chronic cholecystitis [with summary in English] V. N Okunevich. Terap. arkh 33 no 10 63-66 '61

ARRHYTHMIA

Characteristics of heart sounds during extrasystoles in children according to phonocardiographic data [with summary in English]. M. K. Oskolkova, T. I Ternova Vop. okh. mat. i det. 6 no. 8:29-35 Ag '61.

Clinical significance of sinus arrhythmia (simultaneous with the problem of the effect of deep breathing on the heart's activity) [with summary in English] S G Moiseev, A. I Bochenkova. Kardiologiia 1 no. 2 61-72 Mr-Ap '61

Combination of complete atrioventricular block with auricular flutter V N Abigezalova. Klin med. no 1 139-141 '62.

Late ventricular extrasystoles. N. K. Furkalo. Vrach. delo no. 12;140-141 D '61.

Rare case of full auriculoventricular block with rhythm migrations in the ventricles and frequent attacks of the Adams-Morgagni-Stokes syndrome P. S. Fedyshin, O. V. Korkushko. Vrach delo no. 12;137-139 D '61.

Shestakov, S. V. [Cardiac fibrillation; auricular fibrillation and auricular flutter] Mertsatel'naia aritmiia, mertsanie i trepetanie predserdii. 2. izd. Moskva, Medgiz, 1961. 101 p. (Biblioteka prakticheskogo vracha)
(DNLM)

Species characteristics in the phenomenon of adrenaline bradycardia in rabbits O. A. Mikhaleva Fiziol zhur 47 no 7 826-833 Jl '61.

Treatment of paroxysmal tachycardia using a carotid sinus novocaine block. V. V. Zadotannyi Vrach delo no 12 136-137 D '61

ARSENIC

Electric conductivity of the selenium - arsenic system in a glassy state. L. V. Bardakov, Z. U Borisova, R. L. Miuller Zhur prikl khim 34 no. 11 2446-2451 N '61

Leaching of arsenic out of Cottrell dusts by a solution of sodium sulfide G I Gnatyshenko, I R Polyviannyi Izv AN Kazakh SSR Ser met, obog i ogneup. no. 3 35-39 '61

Sublimation and recovery of selenium and arsenic in the process of sulfating metallurgical dusts. L. S. Getskin, V P Sivtaev. Zhur prikl khim 34 no 11 2398-2403 N '61

ARSENIOUS ACIDS

Technique for applying arsenious acid. S. Z. Zikherman. Stomatologiia 39 no 6:60-61 N-D '60.

ART

Art in everyday life. D. Sarabianov. Vop. est. no. 4: 91-99 '60

Brief notes Iskusstvo 24 no. 6:77-78 '61.

Brief notes Iskusstvo 24 no. 12,77-79 '61.

Brief notes. Soob. Gos. Erm. no 20;78 '61

Individuality of the artist. R. Kaufman. Vop. est. no. 14 100-105 '60

Prokof'ev, V. N. [Contemporary fine arts of capitalist countries] Sovremennoe izobrazitel'noe iskusstvo kapitalisticheskikh stran Moskva, Izd-vo "Znanie," 1961 39 p (Narodnyi universitet kul'tury. Fakul'tet literatury i iskusstva, no 26)

Zakin, R. M. [Creative work of the amateur artist] Tvorcheskaia rabota samodeiatel'nogo khudozhnika. Moskva, Gos. izd-vo "Iskusstvo," 1961. 53 p.

ART—BIBLIOGRAPHY see Bibliography—Art

ART—COLLECTORS AND COLLECTING

To our foreign reader. Iskusstvo 24 no. 12;80 '61.

ART—EXHIBITIONS see subdivision under Kiev, Leningrad

ART—HISTORY see subdivision under Baltic States

ART—PERIODICALS

Looking over foreign periodicals. . Iskusstvo 24 no 6 71-76 '61

Looking over foreign periodicals. . . Iskusstvo 24 no. 12; 71-76 '61

ART—PSYCHOLOGY

Ignat'ev, E. I. [Psychology of the representational art of children] Psikhologiia izobrazitel'noi deiatel'nosti detei. Izd. 2., dop. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961, 222 p.

What is artistic talent? S Plotnikov. Otv. na vop. trud. no 2 17-22 '61.

ART—SOCIETIES, ETC

To our foreign reader. Iskusstvo 24 no 6,70 '61.

ART—STUDY AND TEACHING

Learn to understand and appreciate art. V. Pavliuk. Bibliotekar' no 2;30-31 F '62

ART, ABSTRACT

Journey beyond the realm of meaning. Dm Moldavskii. Oktiabr' 38 no. 8 194-200 Ag '61.

ART, CHINESE
(see also subdivision under Leningrad)

Art of our friends. M. Fiekel'. Neva no. 12 211-212 '61

ART, CZECH—EXHIBITIONS see subdivision under Leningrad

ART, GEORGIAN

Georgian artists on the fortieth anniversary of their republic. N. Ezerskaia. Iskusstvo 24 no. 12;16-23 '61.

ART, ITALIAN—EXHIBITIONS see subdivision under Leningrad

ART, JAPANESE see subdivision under Leningrad

ART, MEXICAN—EXHIBITIONS

Treasures of Mexican art. M. Kazarnovskii, S. Shamsonov. Neva no. 6;204-211 '61

ART, PAPUAN

The art of the Papuans in the works of N. N. Miklukho-Maklai [with summary in English]. V. R. Kabo. Sov. etn. no. 6:41-50 N-D '61.

ART GALLERIES AND MUSEUMS see subdivision under Leningrad

ART INDUSTRIES

Applied decorative art and cultivation of taste. M. Il'in. Vop. est. no. 4;168-172 '60.

ART INDUSTRIES—EXHIBITIONS

"Art in everyday life"; an exhibition of new models of articles produced by the art industry S. B. Rozhdestvenskaia. Sov. etn no 6,110-120 N-D '61

From exhibitions into homes. N. Chumachenko. Mest. prom. i khud. promys 2 no 7 20-21 Jl '61

ART INDUSTRIES—STUDY AND TEACHING

Creators of beauty S Rozen Prof.-tekh obr. 19 no 1 22 Ja '62

Twenty-ninth annual. E. Solov'eva Nar. obr. no 1 121-Ja '62

ART SCHOOLS

Great tasks of the Soviet school of art Iskusstvo 24 no. 6 2-3 '61

ARTERENOL

Urinary excretion of catchol amines in hypertension and symptomatic hypertonia [with summary in English] V V Men'shikov Kardiologiia 1 no 2 18-29 Mr-Ap '61.

ARTERIES—DISEASES

Change in capillary blood circulation under the action of heat stresses in endarteritis obliterans. Z. M. Oshenikhnaia Vrach delo no 12;98-102 D '61

Changes in the bone marrow of patients with endarteritis obliterans following lumbar sympathectomy S O Apsit, N I. Batygina. Sov med. 25 no 9:118-121 S '61.

Clinical aspects and diagnosis of periarteritis nodosa [with summary in English]. V E Liubomudrov Sov med. 25 no. 8,55-62 S '61

Compound treatment of endarteriosis and atherosclerosis of the peripheral vessels [with summary in English] V. T. Poriadin, Sov. med 25 no 10:53-58 O '61.

Diprophen treatment of endarteritis obliterans in the polyclinic [with summary in English]. P. A Pavlenko Sov. med. 25 no. 10;105-108 O '61

Disorder of vascular permeability in endarteritis obliterans. P. P. Alekseev. Vest. khir., no. 6:70-74 '61.

Intravital diagnosis of periarteritis nodosa and its treatment Z. V. Gorbunova, A V Ivanova Sov. med 25 no 7 127-130 Jl '61.

Myocardial infarctions associated with endarteritis obliterans in young people [with summary in English] M A Gurevich. Sov med. 25 no 7 25-31 Jl '61.

State of coronary blood circulation in patients with endarteritis obliterans [with summary in English]. E. I. Macheret. Vrach. delo no. 12;93-97 D '61

Val'dman, V. A. [Arterial dystonia and dystrophy] arterial'nye distonii i distrofii. [Leningrad] Medgiz, 1961. 319 p.
(DNLM)

ARTERIES—INFLAMMATION

Combined treatment using mud, medical gymnastics and liver diathermy of patients with chronic infectious nonspecific polyarteritis. M. S. Belen'kii, E. M. Rybchinskaia. Vop kur., fizioter. i lech. fiz. kul't. 26 no. 4: 356-357 Jl-Ag '61.

ARTERIOSCLEROSIS

"Arteriosclerosis, origin, clinical forms, treatment" by A. L Miasnikov Reviewed by N A Kurshakov Kardiologiia 1 no 2 80-83 Mr-Ap '61.

Compound treatment of endarteriosis and atherosclerosis of the peripheral vessels [with summary in English] V. T. Poriadin, Sov. med. 25 no. 10;53-58 O '61

Effect of physical exercises on the content of serum proteins, lipoproteins and total cholesterol in middle-aged and elderly persons with manifestations of arteriosclerosis [with summary in English]. L. S Romanova, P. M. Babarin. Kardiologiia 1 no. 6 36-41 N-D '61

Importance of electroencephalography in the differential diagnosis of focal lesions of the brain, conditioned by hypertension and atherosclerosis. A. M. Pulatov. Zdrav. Tadzh. 8 no. 5;13-17 S-O '61.

Method for phono-oscillography in the clinical treatment of cardiovascular diseases (hypertension, arteriosclerosis) [with summary in English] M. N. Tumanovskii, A I Zolotarev. Kardiologiia 1 no. 6,46-51 N-D '61.

Miasnikov, A. L. [Atherosclerosis; genesis, clinical forms, treatment] Ateroskleroz, proiskhozhdenie, klinicheskie formy, lechenie. Moskva, Medgiz, 1960. 443 p.
(DNLM)

Oxyhemometric studies of atherosclerosis [with summary in English] M V. Ignat'ev Sov. med. 25 no 7. 35-38 Jl '61.

Pathogenesis of disorders of the mesenteric circulation in atherosclerosis and hypertension [with summary in English]. V. S. Smolenskii. Kardiologiia 1 no. 2 36-46 Mr-Ap '61.

Scientific studies on the problems of hypertension, arteriosclerosis and coronary insufficiency from 1961 to 1962. Kardiologiia 1 no. 2:89-91 Mr-Ap '61.

Stenosing coronary atherosclerosis in dogs [with summary in English]. T. A. Sinitsyna, K. M. Pozharisskii. Kardiologiia 1 no. 6:25-30 N-D '61.

Study of blood protein fractions by the electrophoresis method in coronary atherosclerosis. A. I. Chernova. Vrach. delo no. 12;26-32 D '61.

ARTERIOSCLEROSIS (Continued)

Use of some biochemical and instrumental methods in studying atherosclerosis, changes in the turbidity of the blood serum under a cholesterol load and the rate of spreading of pulse waves L T Ptai, A N Vapra, Y I. Lookhem Klin med no. 1 67-72 '62.

ARTHRITIS

Blood transfusion in treating infectious nonspecific polyarthritis [with summary in English]. E, G Pikhlak Sov. med. 25 no 6:90-94 Je '61.

Changes in the allergy test under the influence of hydrogen sulfide baths in polyarthritis of nonspecific etiology. S. Kalandarov Zdrav. Tadzh 6 no 5:10-13 S-O '61

Changes in the peripheral lymph system in experimental allergic arthritis and the effect of Matsesta balneologic procedures and such changes, X-ray experimental study D, P, Lutai, N, M, Shikhova, A, A, Rekkandt Vop, kur , fizioter, i lech, fiz, kul't. 24 no 6 492-498 N-D '59

Disorders of the hand function in infectious nonspecific polyarthritis; their prevention and treatment N V Kubilitskaia Sov med 25 no, 10:115-122 O '61.

Effectiveness of the compound treatment of chronic dystrophic polyarthritis in miners at Sochi-Matsesta Health Resort at various seasons of the year, E A Karchagina and others. Vop kur., fizioter i lech fiz kul't, 24 no. 6:503-506 N-D '59.

Hormone therapy (ACTH, cortisone, adrenone) of infectious nonspecific polyarthritis [with summary in English]. E, D, Ivanova Sov. med. 25 no. 6:87-90 Je '61.

Nature of the rheumatoid factor [with summary in English]. N I Kuznetsova Biul. eksp biol i med 52 no 10 51-54 O '61.

Polyserositis in infectious nonspecific polyarthritis, T, M. Trofimova Terap. arkh 33 no. 6,95-103 '61.

Treatment of infectious polyarthritis of undetermined etiology by novocaine electrophoresis in the area of the spleen, Z, E, Bykhovskii, P, F, Liudvinskaia, Vop kur., fizioter, i lech, fiz, kul't, 24 no. 6:499-502 N-D '59.

ARTHRITIS, RHEUMATOID

Bee venom in treating infectious nonspecific (rheumatoid) arthritis [with summary in English]. V, A, Peitsulenko, Sov, med, 25 no, 6:94-101 Je '61.

Characteristics of the course and clinical picture of rheumatic septic polyarthritis [with summary in English]. L, Rusev, G, S, Nikolov, Sov med 25 no, 6:66-70 Je '61.

Radon baths in the treatment of infectious nonspecific polyarthritis. M Z. Pogorelova, V, G Savina Vrach delo no, 6, 150-151 Je '61

Renal lesions in infectious nonspecific (rheumatoid) polyarthritis [with summary in English] M, V, Kurashova, Sov, med, 25 no 6:58-62 Ag '61.

Significance of neural regulation disorders in the pathogenesis of infectious nonspecific (rheumatoid) arthritis [with summary in English]. M G. Astapenko. Terap, arkh, 33 no. 10 75-81 '61

Some manifestations of the side effects of pyrazolidine in the treatment of rheumatoid arthritis, Preliminary report [with summary in English]. V, N, Lebedev. Klin med no. 1:112-114 '62.

Ten-years experience with hormone therapy of nonspecific infectious (rheumatoid) polyarthritis [with summary in English]. M, G, Astapenko. Sov, med, 25 no, 7 3-8 Jl '61.

Treatment of dystrophic polyarthritis with Chartak mineral water. T, V, Tolkacheva, Med zhur Uzb. no, 6:27-29 Je '61.

ARTIFICIAL HIBERNATION

Basal metabolism change under the influence of a neuroplegic mixture in toxic goiter. N.V.Smirnov. Vest. khir. no. 6:23-27 '61.

Use of neuroplegia in the preoperative preparation of patients with goiter [with summary in English]. A, A, Men'shov. Vest, khir, no, 1:105-109 '62.

Use of phenothiazine derivatives in the preoperative management of patients with Basedow's disease. N.E. Komarover. Vest. khir. no, 6:8-12 '61.

ARTIFICIAL HORIZONS (AERONAUTICAL INSTRUMENTS)

Fridlender, G, O., and M, S, Kozlov, [Aeronautical gyroscopic instruments] Aviatsionnye giroskopicheskie pribory. Pod red, V, A, Bodnera, Moskva, Gos, nauchno-tekhn, izd-vo Oborongiz, 1961, 390 p.

ARTIFICIAL MINERAL WATERS see Mineral waters, Artificial

ARTIFICIAL RESPIRATION—EQUIPMENT AND SUPPLIES

Simple apparatus for artificial respiration for laboratory animals [with summary in English]. M, IA, Melzobs, IA, Shuster, A, A, Kimenis. Biul, eksp, biol i med, 52 no, 8:124-125 Ag '61.

ARTIFICIAL SATELLITES

Equator of cosmic rays according to the data of the third Soviet artificial satellite, I, A, Savenko and others Isk, sput, Zem, no, 11, 30-34 '61.

Investigation of the X-radiation from the sun. Part 2. S, L, Mandel'shtam and others. Isk sput. Zem. no. 11: 3-14 '61.

Measuring radiation of helium on the sun in far ultraviolet. A V Bruns, V, K Prokof'ev. Isk sput Zem no 11 15-22 '61

Results of first microbiological and cytological experiments in space on artificial satellites. N, N Zhukov-Verezhnikov and others Isk sput, Zem no 11 12-67 '61

Rockets and artificial satellites in the service of science; some results in cosmos research (to be continued), K, Mykhailov Nauka i zhyttia 11 no 10 16-20 O '61

Rotation of the plane of the circular orbit of a satellite. V, F, Illarionov L, M, Shkadov Prikl, mat, i mekh 26 no 1:15-21 Ja-F '62

Spectrometer for measuring solar radiation in far ultraviolet A, V Bruns, V, K Prokof'ev Isk sput Zem no, 11 23-29 '61.

ARTIFICIAL TEETH see Teeth, Artificial

ARTILLERY

Artillery action against a landing operation, N Gilch-Koshanskii. Voen, vest. 41 no 7:73-79 Jl '61

ARTILLERY—PROBLEMS, EXERCISES, ETC.

Adjustment of fire at night by means of smoke shells. N, Kurlenin. Voen vest. 41 no 9:112-111 S '61.

ARTILLERY, FIELD AND MOUNTAIN

Artillery in defense, V, Godelevich, P, Shkarybskii Voen, vest, 41 no, 7:27-30 Jl '61.

Battery in a night attack. M, Pankov. Voen, vest, 11 no, 9 45-48 S '61.

Combat training of artillery, Voen, vest. 41 no, 7:3-5 Jl '61.

Complex field firing, V, Berezhnoi, Voen vest, 41 no, 7:81-83 Jl '61.

During periodic illumination of a locality. G, Slashchev. Voen, vest. 41 no, 9:109-112 S '61.

Is a rolling barrage necessary? P Kuznetsov. Voen, vest. 41 no, 7:79-81 Jl '61.

This is the way we study. Sov, voin 43 no, 21 4-5 N '61.

Toward new frontiers. V, Vitiukov. Voen, vest. 41 no, 7:9 Jl '61.

Work of the artillery reconnaissance scout at night, A, Merkulov. Voen, vest. 41 no, 9:83-84 S '61.

ARTISTIC PHOTOGRAPHY see Photography, Artistic

ARTOSIN

Functional state of the kidneys in patients with diabetes mellitus treated with artosin, S, M, Gusman, M, A, Alekperov. Terap, arkh, no 6,66-72 '61

ARUTIUNIAN, PARUIR TIGRANOVICH, 1914-1957

P, T, Arutiunian as historian of the Armenian people, a biographical note N A, Kuznetsova, Krat soob Inst nar Azii no 30,67-71 '61

ASBESTOS

Asbestos fibrous materials as substitutes for asbestos cloth, N, T, Dodonov, K, V, Khartke Kauch i rez, 20 no, 11:35-38 N '61.

Composite crew organized by the All-Union Scientific Research Institute of Asbetos Engineering Goods I, A, Sheftel' Kauch i rez 21 no, 1:57 Ja '62

ASBESTOS CEMENT

Kitaev, E, N, [The best cements for the manufacture of asbestos-cement materials] Optimal'nye tsementy dlia proizvodstva asbestotsementnykh materialov. Moskva, Otdel nauchno-tekhn, informatsii, 1959. 71 [MICROFILM]

Kitaev, E, N, [Best conditions for manufacture asbestos-cement materials from sand pressure autoclaving] Optimal'nye us asbesto-tsementnykh materialov iz p tsementa s primeneniem avtoklavnoi davleniem, Moskva, Otdel nauchno-te 1959 47 p. [MICRO

Kitaev, E, N., and R, E, Goncharskaia, materials obtained from sand cement treatment, and their chemical resista solutions] Khimicheskaia stoikost' v a rastvorakh asbestotsementnykh mater emykh iz peschanistykh tsementov s p avtoklavnoi obrabotki. Moskva, Otdel informatsii, 1960. 24 p. [MICRO

Let's introduce large elements made of more daringly, S, Lazarevich, S, Fas no 11, 32-34 N '61.

Possibility of using accelerators in bin cement to aluminum with phenolic adh din, A, B, Sholokhova, M, S, Krol' Pl 20-24 '61.

Russia (1923- U, S, S, R,) Komitet po d i otkrytii. [Collection of inventions; th cement and roofing materials industri izobretenii; asbestotsementnaia promy promyshlennost' mingkoi krovli. Mosk tsionno-izdatel'skii otdel, 1959. 79 p [MICROF

ASCARIDS AND ASCARIASIS
(see also subdivision under Uzbekistan)

Age hemogram in ascariasis in children [with summary in English]. A, D Kleif Pediatriia 40 no. 12:23-26 D '61

Seasonality of infection with ascariasis and the best time for worming in various climate zones. V, F Burmakina Zdrav. Tadzh. 5 no 6,56-58 N-D '61

Simplified method for examining the population for ascariasis kh I Mamkeeva Zdrav. Tadzh. 6 no 5: 31-32 S-O '61

ASCORBIC ACID

Amount of vitamin C and its use in surgery in children with tonsillitis, B, L, Khromechek. Vest. otorin no. 6: 35-39 '61.

Effect of the antibiotic gordecain on the process of ascorbic acid oxidation I P Markhel', N V Novotel'nov. Izv vys ucheb zav , pishch tekh no 6 31-11 '61

Histochemical characteristics of ascorbic acid in the eye in acute radiation sickness [with summary in English]. V, M, Abdullaev. Med, rad. no, 7 35-39 '61.

Mechanism of changes in the thromboplastic activity of the blood of white rats under the influence of high doses of vitamins C and B_{12} [with summary in English] G V. Andreenko, N, P, Sytina Biul eksp, biol i med. 52 no 10,31-34 O '61

Role of vitamin C in the prevention of skin diseases, N, I, Ilushkin, Voen, -med, zhur no, 7:80 Jl '61.

State of ascorbic acid metabolism under the action of X-rays on the body Z, IA Dolgova Med rad no 1: 67-70 '62

Volumetric ferrimetric method for the quantitative determination of vitamin C Report No, 1, G, I, Savel'eva, Trudy Perm, farm, inst, no, 1:53-62 '59.

ASEEV, NIKOLAI NIKOLAEVICH, 1889-

Happiness made to order, D, Moldavskii, Neva no, 6: 186-192 '61

ASEPTIC SURGERY see Surgery, Aseptic and antiseptic

ASHES (FERTILIZER)

Wood ashes are a valuable local fertilizer. D, V, Zheltukhin, Khim, v shkole 17 no, 1:86-87 Ja-F '62.

ASHKHABAD—PUBLIC HEALTH

Study on the health of the population of Ashkhabad, O, M, Kuliyev Zdrav, Ros, Feder 5 no, 12:15-18 D '61.

ASIA—ANTHROPOLOGY—MAPS

"Map of the peoples of western Asia" by S, I, Bruk, Reviewed by A Pershits. Sov, etn. no, 6:135-137 N-D '61.

ASIA—BIBLIOGRAPHY

[New Soviet and foreign literature on the countries of the non-Soviet East.] Nov, sov, i inostr, lit, po stran, zarub, Vost, no, 15 '61.

ASIA—ECONOMIC CONDITIONS

"Common market" in Asia, P, Kralnov Az, i Afr sog, no 1 53-54 Ja '62.

ASIA—ECONOMIC GEOGRAPHY

[The countries of southern Asia; economic and geographical survey of India, Pakistan, Nepal and Ceylon] Strany IUzhnoi Azii: Indiia, Pakistan, Nepal, TSeilon; ekonomiko-geograficheskii obzor (posobie dlia uchitelei). Moskva, Gos uchebno-pedagog, izd-vo M-va prosv. RSFSR, 1961. 260 p.

AŠKERC, ANTON, 1856-1912

Anton Aškerc and Russian literature. M. I Ryzhova Lit. slav. nar no. 6, 178-206 '61.

ASPARAGINASE

Purification of asparaginase from the serum of guinea pigs by chromatography on a diethylaminoethylcellulose column S R Mardashev, Van Shao-khua [Wang Shao-hua] Dokl AN SSSR 142 no. 3 709-712 Ja '62.

ASPERGILLUS AWAMORI

Using fermentation preparation from Aspergillus awamori for preparing mash for liquid yeasts G M. Smirnova, L. A. Egorova, V L Kalinina Khleb i kond prom 5 no 12 5-7 D '61.

ASPHALT

Rapid process of tar oxidation in obtaining hard asphalts, compressorless method. A. N. Bodan, V. T Skliar. Nauch. zap. Ukrniiproekta no. 4 150-166 '61.

ASPHYXIA

Method for inducing labor with simultaneous prevention of intra-uterine fetal asphyxia [with summary in English]. P N Savitskii Akush i gin no 5 43-48 '61

ASPHYXIA NEONATORUM

Our experience with the prevention and treatment of secondary asphyxias in premature and newborn infants [with summary in English. G. S Lobanov Sov. med 25 no. 9, 35-40 S '61

ASSAM—ETHNOLOGY

"Secret lands where women reign" [in English] by Gabrielle Bertrand. Reviewed by S. Maretina. Sov. etn. no. 6:137-141 N-D '61

ASSAMESE LANGUAGE—GRAMMAR

Babakaev, V. D. [The Assamese language] Assamskii iazyk. Pod obshchei red G P. Serdiuchenko Moskva, Izd-vo vostochnoi lit-ry, 1961 119 p. (Iazyki zarubezhnogo Vostoka i Afriki)

ASSEMBLY-LINE METHODS
(see also subdivision under United States)

Automatic machinery line. Prom. energ. 15 no. 7:34 Jl '60.

Bass, I. B. [Organization of the basic production processes in the light industry enterprises] Organizatsiia osnovnykh proizvodstvennykh protsessov na predpriiatiiakh legkoi promyshlennosti. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1961. 550 p.

Conveyer unit for coating glued veneer with a polyester film (from "Wood and Wood Products," 66 no 3, 1961) Der prom 11 no 1 31 Ja '62

From practices of the automation of production A Kh. Morozov. Tekst prom 21 no. 5 49-50 My '61.

Positioning of blanks by means of a rod conveyer. Kh. S Al'tshuler. Der prom 11 no 1 21-23 Ja '62.

Rotating production lines for the manufacture of box containers. V. P Lebedev Der. prom 11 no. 2 12-13 F '62

Semiautomatic line for the finishing of glued veneer (from "Wood and Wood Products, " November, 1960) Der. prom 11 no. 2 32 F '62

Sewing production line conveyers with a programmed distribution of semifinished products. B. I. Dolgikh Kozh. -obuv. prom. 3 no. 12:30 D '61.

Shift specialization at the "Parizhskaia Kommuna" Shoe Factory. M. V. Lev. Kozh. -obuv prom. 3 no. 11 34-35 N '61.

Theoretical justification and experience in the automation of the processing of squared subassemblies. V. P. Bukhtiiarov. Der prom. 11 no. 1:9-11 Ja '62

ASSOCIATION OF IDEAS

Associative experiment and its clinical use [with summary in English]. V. M. Kogan, M. S. Rogovin. Vop. psikhol. 7 no. 6:105-113 N-D '61.

ASSUAN DAM see Aswan dam

ASTHMA

Angina pectoris syndrome in bronchial asthma. V. A. Triger. Vrach. delo no. 12:37-40 D '61.

Disease of the heart in bronchial asthma P. N. Vasil'ev, V. I. Rovinskii. Arkh. pat. no. 1 47-54 '62.

Intratracheal administration of penicillin and novocaine in the treatment of bronchial asthma. A. S Simonenko. Vrach delo no. 6:127-128 Je '61.

Role of heredity in bronchial asthma [with summary in English]. P. K. Bulatov. Terap. arkh 33 no. 10 81-85 '61.

Use of dionine electrophoresis in the treatment of bronchial asthma [in Azerbaijani with summary in Russian]. M. E. Efendiev, N. R. Kudari. Azerb. med. zhur. no. 7: 55-56 Jl '61.

ASTRAKHAN—PAPER INDUSTRY

The giant of the Volga Valley almost completed. S. P. Paradizov. Bum. prom. 36 no. 9 17 S '61.

ASTRAKHAN PROVINCE—AGRICULTURE

Division of Astrakhan Province into agricultural regions. V. G. Kriuchkov, T. A. Solovieova. Vop. geog. no. 55: 182-205 '61.

ASTROLOGY see subdivision under India

ASTRONAUTICS

Close and distant prospects. V I. Krasovskii. Nauka i zhizn' 28 no 10:81-90 O '61.

Communists are paving the way into outer space Mol. komm no 10 89-90 O '61

Earth as a planet. Boris Liapunov. Nauka i zhizn' 28 no 10:22-28 O '61

Man and outer space. Georgii Martynov. Neva no. 6: 157-159 '61.

Man penetrated space. Lidiia Kurnosova Zhen mira no. 5:18-19 '61.

Romanov, A. P. [The course of events...; from the diary of a Tass special reporter] Kak eto bylo... ; iz dnevnika spetsial'no korrespondenta TASS. Moskva, Gos izd-vo polit lit-ry, 1961. 53 p.

Safety of cosmic airways V Shcherbakov Tekh mol 29 no 12 12-13 '61

To all scientists, engineers, technicians and workers, to all collectives and organizations who participated in the successful realization of world's first man flight into space on board of the "Vostok" satellite ship, to the first Soviet astronaut, Comrade IUrii Alekseevich Gagarin, joint address of the Central Committee of the CPSU, the Presidium of the Supreme Council of the U. S. S. R. and the Council of Ministers of the U. S. S R Prom. energ 16 no. 6:1-2 Je '61.

To the Communist Party and the peoples of the Soviet Union! To the peoples and governments of all countries! To all progressive humanity! Voen. vest. 41 no. 9 3-4 S '61.

ASTRONOMY

Galaxies approach the people A. G. Masevich Ogonek 40 no 4 15-16 Ja '62

Stratospheric balloons and astronomy. A. G. Vorob'ev. Priroda 51 no 1:43-48 Ja '62.

ASTRONOMY—ABSTRACTS

[Astronomy and geodesy] Ref. zhur.: Astron. i geod. no. 1 Ja '62.

ASTRONOMY—CONGRESSES

Advances in astronomy, General Assembly of the International Astronomical Union. A. G. Masevich. Priroda 51 no 1, 78-88 Ja '62

ASWAN DAM

Decisive year at Aswan. I. T. Novikov. Nov. vrem. 20 no 7:10-11 F '62

ASYNCHRONOUS ELECTRIC MOTORS see Electric motors, Induction

ATARGAN—ANTIQUITIES

Archaeological materials from the Atargan settlement. R. S. Vasil'evskii. Kraeved zap. Meg. obl. kraeved. muz. no. 3:60-70 '60.

ATAXIA

Mechanisms of eye movements in the process of visual perception and their pathology (Simultaneous agnosia and optic ataxia) [with summary in English] A R. Luriia, E N. Pravdina-Vinarskaia, A. L IArbus Vop. psikhol 7 no 5 159-172 S-O '61.

ATHEISM
(see also subdivision under Krichev District; Tambov Province, White Russia)

Leht, K., ed. [Atheistic education in schools] Ateistlikust kasvatusest koolis. Tallinn, Eesti Riiklik Kirjastus, 1960. 71 p. [In Estonian]

Methods of atheistic propaganda among the people. G. D. Lapchinskii, E. A. Morozov. Vop. ist. rel. i ateiz. 9:189-203 '61.

Present-day theoretical problems in scientific atheism. I. D Pantskhava, V. K. Tancher. Nauch. dokl. vys. shkoly; filos. nauki 4 no. 3:11-17 '61.

Shakhnovich, M. I. [Lenin and the problems of atheism; criticism of religion in V. I. Lenin's works] Lenin i problemy ateizma; kritika religii v trudakh V. I. Lenina. Moskva, Izd-vo Akad. nauk SSSR, 1961. 670 p.

ATHEISM—BIBLIOGRAPHY see Bibliography—Atheism

ATHEISM—STUDY AND TEACHING

All-Russian Conference on Survivals of the Religion of Islam and Ways of Overcoming Them. A. A. Abilov, S. M. Gadzhiev. Nauch. dokl. vys. shkoly; filos. nauki 4 no. 3:183-186 '61.

"Atheistic education in extracurricular work" by A. M. Netyl'ko. Reviewed by N Sorokin, S. Benkliev. Nar. obr. no 1:113-115 Ja '62.

Atheistic education in zoology lessons in the sixth grade. E. F. Niklishina, N. Krugtov. Biol. v shkole no. 1:22-23 Ja-F '62.

Atheistic education of ninth-grade students in chemistry lessons. A. S. V'ialitsyn. Khim. v shkole 17 no. 1:51-57 Ja-F '62.

Atheistic education of students in biology lessons. N. V. TSyganov. Biol. v shkole no. 1:18-22 Ja-F '62.

Each taken separately. L. Beliakova, A. Kondrashina. Bibliotekar' no. 1:43-44 Ja '62.

Extracurricular work on atheistic education. F. K. Zabolotskii. Sred. spets. obr. 9 no 1, 40-42 Ja '62

Legends exposed. M Ippolitov. Bibliotekar' no. 1:45-46 Ja '62.

On the pages of newspapers. V. Ermakova. Bibliotekar' no 2:40-41 F '62

On the right road. E. Chernova. Bibliotekar' no. 2: 38-39 F '62.

ATHLETES

[Conquered height; tales about athletes] Pokorennaia vysota, rasskazy o sportsmenakh. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1960. 197 p.

ATHOS (MONASTERIES)

Relations between the Chilandar Monastery and some of its dependencies during the 14th century. K. V. Khvostova. Viz. vrem. 18:30-53 '61.

ATLANTIC OCEAN—IONOSPHERE

Ionospheric observations in the Atlantic Ocean. G V. Bukin Geomag. i aer. 1 no. 5 832 S-O '61

ATLANTIC OCEAN—MAGNETISM, TERRESTRIAL

Work of the nonmagnetic research ship "Zaria" during the period of the International Geophysical Year. M. M. Ivanov. Biul. Okean kom. no. 8:17-20 '61

ATLANTIC OCEAN—METEOROLOGICAL STATIONS

Weather ships in the Atlantic Ocean. N. N. Sysoev. Biul. Okean kom. no. 8:59-61 '61

ATLANTIC OCEAN—OCEAN TEMPERATURE

Nature of the relationship between the thermal state of the North Atlantic and the air temperature in Europe. S. T Pagava. Meteor i gidrol no 1 10-18 Ja '62.

ATLANTIC OCEAN—OCEANOGRAPHIC RESEARCH

Fifth cruise of the research ship "Mikhail Lomonosov." A. A. Ivanov. Biul. Okean kom. no. 8:12-16 '61.

First Atlantic expedition of the Academy of Sciences of the U. S. S. R. on the ships "Sergei Vavilov" and "Petr Lebedev." I. F. Mikhal'tsev Okeanologiia 1 no. 6: 1089-1093 '61.

ATLANTIC OCEAN—PHYTOPLANKTON

Primary production in the Atlantic Ocean. IU. I. Sorokin, L B Klimshtein Trudy Gidrobiol. ob-va 11 265-294 '61.

ATLANTIC OCEAN—SIPHONOPHORA

Charming Portuguese man-of-war (Physalia pelagica); venomous animals in the tropical waters of the Atlantic. E. S Piusnirov, IU. N. Ivanov. Priroda 51 no. 1: 112-114 Ja '62.

ATLANTIC OCEAN—SUBMARINE GEOLOGY

Work on marine geology in the Atlantic Ocean. M. V. Klenova, V. M. Lavrov. Biul. Okean. kom. no. 8:38-45 '61.

ATLANTIC OCEAN—WAVES

Vilenskii, IA. G., and B. Kh. Glukhovskii. [Wind waves in the ocean; results of research and observational data on wave elements and winds in the northern part of the Atlantic Ocean] Vetrovoe volnenie v okeane; rezul'taty issledovanii i materialy nabliudenii nad elementami voln i vetrom v severnoi chasti Atlanticheskogo okeana. Moskva, Gidrometeor. izd-vo (otd-nie), 1961. 102 p. (Moscow. Gosudarstvennyi okeanograficheskii institut. Trudy, no. 62)

ATLASES

Moscow conference on comprehensive atlases of republics, territories, and provinces I. N. Uman. Izv. AN Azerb. SSR, Ser. geol. -geog. nauk i nefti no 3:95-97 '61.

New school atlases and maps. F. M. Kozlov. Geog. v shkole 25 no. 1:93-94 Ja-F '62.

ATLASES, BULGARIAN

Bulgarian geographical school atlas. R. S. Narakikh, G. A. Pravotvorova. Geod. i kart. no. 12:62-65 D '61.

ATMOSPHERE

Aerosol layer in the upper atmosphere. A. D. Mikirov. Dokl AN SSSR 142 no. 3:597-599 Ja '62

Be^7 concentration in the surface layer of the air and in atmospheric precipitations. V. P. Shvedov, Z. G. Grishchenko, I. I. Gedeonov Atom. energ 12 no. 1:64-66 Ja '62.

General circulation of the atmosphere. A. P. Chalikov. Geog. v shkole 25 no. 1:20-34 Ja-F '62.

ATMOSPHERIC PRESSURE
(see also subdivision under Europe)

Relationship between solar corpuscular streams and the type of the high-level baric field of the troposphere. B. I. Sazonov. Trudy GGO no. 111:126-135 '61.

Solar and geophysical relationships during different types of atmospheric circulation. T. V. Pokrovskaia, N. L. Spitsyna. Trudy GGO no. 111:118-125 '61.

Some characteristics of the baric field in January and July over the Northern Hemisphere. L. G. Zastavenko. Trudy NIAK no. 14:23-34 '61.

ATMOSPHERIC TEMPERATURE

Basic features of the winter temperature field in the free atmosphere over the Northern Hemisphere. I. V. Khanevskaia. Trudy NIIAK no. 14:5-22 '61

Eliminating radiation errors of the comb radiosonde from aeroclimatic temperature data. I. G. Guterman. Trudy NIIAK no. 11,109-119 '61.

Pod', D. A., and Z. L. Turketti. [Distribution of the diurnal range of air temperature variations in the U. S. S. R.] Raspredelenie sutochnykh amplitud temperatury vozdukha na territorii SSSR. Moskva, Gidrometeoizd-vo (otd-nie) 1961. 167 p.

ATOMIC ENERGY

Short items. Atom. energ. 12 no. 2:171-173 F '62.

ATOMIC ENERGY—BIBLIOGRAPHY see Bibliography—Atomic energy

ATOMIC ENERGY—INTERNATIONAL COOPERATION see Atomic power—International control

ATOMIC ICEBREAKERS

Arctic voyage. Vl. Nikolaev. Sov. pech. no. 1:41-46 Ja '62.

Atom crushes ice. G. Koposov. Ogonek 40 no. 3:16 Ja '62

ATOMIC MASS

New scale of atomic mass (atomic weights). A. V. Lapitskii. Vest. Mosk. un. Ser. 2:Khim. 17 no. 1:78-79 Ja-F '62.

ATOMIC NUCLEI see Nuclei, Atomic

ATOMIC POWER—INTERNATIONAL CONTROL

Malinin, S. A., and V. G. Onushkin. [International cooperation in the field of the peaceful use of atomic energy] Mezhdunarodnoe sotrudnichestvo v oblasti mirnogo ispol'zovaniia atomnoi energii. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 125 p.

ATOMIC POWER ENGINEERING see Nuclear engineering

ATOMIC POWER PLANTS—EQUIPMENT AND SUPPLIES

Matveev, G. A. [Power equipment of atomic electric power plants, steam generators and flame steam superheaters] Energooborudovanie atomnykh elektrostantsii, parogeneratory i ognevye paroperegrevateli. Pod red. L. I. Novikova. Moskva, Gos. izd-vo lit-ry v oblasti atomnoi nauki i tekhniki, 1961. 197 p. (Osnovy atomnoi energetiki)

ATOMIC SHIPS

Design and construction of atomic ships in capitalist countries. V. Letunov. Mor. flot 22 no. 1:38-42 Ja '62.

ATOMIC WARFARE

Co-operation in defense. N. Miroshnichenko. Voen. vest. 41 no. 7:10-14 Jl '61

ATOMIC WEAPONS—SAFETY MEASURES

Protection from weapons of mass destruction in a defensive position. S. Kurilenko, A. Shalfapin. Voen. vest. 41 no. 7:37-39 Jl '61.

Shevchuk, M. K. [Incendiary agents and defense against them] Zazhigatel'nye sredstva i zashchita ot nikh. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 118 p.

ATOMS

Diamagnetic susceptibility of atoms. V. S. Korol'kov. Dokl. AN BSSR 5 no. 11:402-403 N '61.

ATROPIN

Mechanism of the interrelationship of atropin and the choline receptors in the intact heart muscle and in tissue homogenate. S. N. Nistratova. Fiziol. zhur. 47 no. 12:1471-1478 D '61.

Participation of M- and N-choline-reactive systems in conditioned reflex switching. G. E. Grigorian. Dokl. AN Arm. SSR 33 no. 4:187-191 '61.

ATTACK AND DEFENSE (MILITARY SCIENCE)

Battalion defends the coast line. A. Kazarian, D. Reznik. Voen. vest. 41 no. 7:17-19 Jl '61.

Co-operation in defense. N. Miroshnichenko. Voen. vest. 41 no. 7:10-14 Jl '61.

A company attacks. G. Ionov. Voen. vest. 41 no. 9:41-44 S '61.

Creation of a target and training complex. V. Zarubitskii. Voen. vest. 41 no. 7:49-52 Jl '61.

In a forward detachment. Voen. vest. 41 no. 9:51 S '61.

Organized fire brings success. K. Maksimov. Voen. vest. 41 no. 7:23-26 Jl '61.

Rifle company defends a water barrier. G. Ionov. Voen. vest. 41 no. 7:44-48 Jl '61.

Rifle company in an advance party; answer to the problem published in "Voennyi vestnik" No. 3, 1961. Voen. vest. 41 no. 7:39-40 Jl '61.

ATTENTION

Characteristics of students' attention in school work. L. I. Solntseva. Uch. zap. Mosk. gor. ped. inst. 62:205-252 '58.

Characteristics of voluntary and postvoluntary attention in schoolchildren of the 6th and 9th classes. D. I. Gatkevich. Uch. zap. Mosk. gor. ped. inst. 62:99-145 '58.

Distribution of attention in connection with the characteristics of nervous activity. A. A. Makogonova. Uch. zap. Mosk. gor. ped. inst. 62:253-314 '58.

Forming the postvoluntary attention of students of the secondary school in drafting drawing classes and in home work. S. I. Bamashek. Uch. zap. Mosk. gor. ped. inst. 62:91-97 '58.

Organizing students' attention during the question period in lessons on natural science. A. S. Borodulina. Uch. zap. Mosk. gor. ped. inst. 62:67-89 '58.

Organizing the students' attention in oral questioning during the lesson. T. A. Kotsman. Uch. zap. Mosk. gor. ped. inst. 62:81-90 '58.

Switching the students' attention in the lesson. N. V. Lavrova. Uch. zap. Mosk. gor. ped. inst. 62:147-207 '58.

Voluntary and postvoluntary attention. N. F. Dobrynin. Uch. zap. Mosk. gor. ped. inst. 62:5-65 '58.

ATTENUATORS (ELECTRONICS)

Use of a thin film filter for the suppression of the E_{01} field in a limit attenuator. G. A. Rugova. Radiotekh. i elektron. 7 no. 2:315-317 F '62.

ATTITUDE (PSYCHOLOGY)

Attitude as a factor in the mental regulation of action [with summary in English]. N. G. Lovandovskii. Vop. psikhol. 7 no. 5:135-142 S-O '61.

AUDIO-VISUAL EDUCATION

Use of audio-visual dictation in the education of children. O. Fadeeva. Doshk. vykh. 23 no. 2:21-26 F '62.

AUDITING see subdivision under Uzbekistan

AUREOMYCIN

Treatment of multiform exudative erythema with biomycin. G. S. Zel'din. Sov. med. 25 no. 9:137 S '61.

Use of biomycin in treating alveolitis. A. I. Prudkii. Stomatologiia 39 no. 6:63-64 N-D '60.

AURORAS

Effect of magnetic variations on the reflection of radio waves by auroral ionization zones. V. I. Pogorelov. Geomag. i aer. 1 no. 5:687-694 S-O '61.

Radar observations of auroras at Soviet Antarctic stations in 1960. B. E. Brunelli, S. M. Sandulenko. Geomag. i aer. 1 no. 5:679-686 S-O '61.

Some results of geomagnetic observations in the region of the South Magnetic Pole. P. A. Maisuradze. Geomag. i aer. 1 no. 5:772-780 S-O '61.

Space and time distribution of aurorae and their relationship with high-latitude geomagnetic disturbances. O. V. Khorosheva. Geomag. i aer. 1 no. 5:695-701 S-O '61.

AURORAS—SPECTRA

Observation of zero lines (PG N_2 λ 10420 Å and Meinel's negative system N_2^+ λ 11109 Å) in auroras. N. I. Fedorova. Geomag. i aer. 1 no. 5:702-708 S-O '61.

AUSTRIA—AUTOMOBILES

Austrian station wagon "Steyer-Puch 700 C." V. Zelenskii. Avt. transp. 40 no. 1:50 Ja '62.

AUSTRIA—FASCISM

Neo-Nazism in Austria. N. Kotlishev. Nov. vrem. 20 no. 8:14-16 F '62.

AUSTRIA—MEDICAL GEOGRAPHY

Materials on the medico-geographical features of Austria. N. I. Kondrat'ev. Geog. sbor. no. 14 108-117 '61.

AUSTRIA—PUBLIC HEALTH

Materials on the medico-geographical features of Austria. N. I. Kondrat'ev. Geog. sbor. no. 14 108-117 '61.

AUTHORS—DIRECTORIES

Soiuz pisatelei SSSR. [Directory; compiled from information as of January 1, 1961] Spravochnik; sostavlen po dannym na 1 ianvaria 1961 goda. Moskva, Sovetskii pisatel', 658 p.

AUTOBIOGRAPHIC FICTION see Fiction, Autobiographic

AUTOCLAVES

The heating of concrete articles in periodic autoclaves. N. B. Mar'iamov. Sbor. trud. NIIZhelezobetona no. 2:37-67 '59

Kitaev, E. N. [Best conditions for manufacturing asbestos-cement materials from sand cement using pressure autoclaving] Optimal'nye usloviia proizvodstva asbesto-tsementnykh materialov iz peschanistogo tsementa s primeneniem avtoklavnoi obrabotki pod davleniem. Moskva, Otdel nauchno-tekhn. informatsii, 1959. 47 p.

[MICROFILM]

Krongauz, S. E. [Heat treatment and heat supply at precast reinforced-concrete plants] Teplovlia obrabotka i teplosnabzhenie na zavodakh sbornogo zhelezobetona; teoreticheskie osnovy i praktika. Moskva, Gos. izd-vo lit-ry po stroit. arkhit. i stroit. materialam, 1961. 270 p.

AUTOCLAVES—CORROSION

Reliable protection of digesters against corrosion. B. V. Lopatin. Bum. prom. 36 no. 12:13-14 D '61.

AUTOMATIC CONTROL
(see also subdivision under Kazakhstan)

Addition to the paper "L. S. Pontriagin's maximum principle and optimum programming of rocket thrust." V. K. Isaev. Avtom. i telem. 21 no. 1:127 Ja '61.

Analytical construction of an optimizing regulator for a system with time lags. N. N. Krasovskii. Prikl. mat. i mekh. 26 no. 1:30-51 Ja-F '62.

Assembling and operating automatic devices in coolers. V. I. Alekseev, V. B. Iakobson. Khol. tekh. 38 no. 1:56-60 My-Je '61.

Automatic and remote control of pipeline transportation of oil. L. B. Kubianovskii, D. O. Olegov. Trudy VNII no. 35:120-141 '61.

Automatic apparatus for shaft sorting. O. Burmavlon. Prom. Arm. 4 no. 11:46-48 N '61.

Automatic clock- and watchmakers. Iu. Malevinskii. Iun. tekh. 5 no. 7:23-25 Jl '61.

Automatic construction of Mikhailov's hodograph. V. A. Brik. Izv. vys. ucheb. zav.; elektromekh. 4 no. 12:96-98 '61.

Automatic control of nitric acid content in the process of benzene nitration. Z. I. Zin'kov, I. A. Buchinin. Zhur. prikl. khim. 35 no. 1:95 Ja '62.

Automatic control of production processes. A. Gorshkov. NTO 4 no. 18-12 Jn '62

Automatic control of technological processes at the No. 2 recovery shop. A. I. Burdin. Koks i khim. no. 9:47-48 '61

Automatic control system for the thermal treatment of the star wheels of combines. M. M. Klimov. Prom. energ. 15 no. 11:8-9 Ag '60.

Automatic device for removing excess windings from bobbins. Iu. F. Monin, Iu. P. Raizer, M. L. Gincherman. Tekst. prom. 21 no. 5:59-61 My '61.

Automatic feed drilling rigs for stoping. V. Sh. Sharipov. Vzryv. delo no. 46/3:239-254 '61.

Automatic feed water regulators for BKVR type boilers. Prom. energ. 16 no. 7:60-62 Jl '61.

Automatic loading of jaw crushers. L. S. Sverdel', G. V. Volkonin. Trudy Uralmekhanobra no. 5:3-16 '59.

Automatic production line with program control of machinery adjustment developed by the Ukrainian Scientific Research Institute of Mechanical Woodworking. G. N. Konnovskii, F. T. Ushich-Dekan', I. G. Revutskaia. Der. prom. 11 no. 2,7-10 F '62

Automatically controlled main electric drive of a multi-bucket excavator. A. F. Kotov, L. V. Gul'ko, M. A. Birov. Nauch. zap. Ukrnilpromekta no. 2:152-162 '60.

Automation of a milling and trimming machine. V. A. Rusin. Mashinostroitel' no. 1:11 Ja '62

Automation of drainage systems with low voltage electric motors. V. M. Lepikhov, L. I. Polevodin. Ugol' Ukr. 5 no. 7:34-36 Jl '61.

Automation of 6 to 10 kv. distribution networks. I. A. Kitpichnikov, M. I. Kharif. Prom. energ. 16 no. 6:10-13 Je '61.

Automation of the drainage systems in Krivoy Rog Basin mines. A. D. Petrenko. Prom. energ. 16 no. 7:35-37 Jl '61.

"BSSh" drilling rig with automatic control of the drilling process. Iu. A. Nenkin. Vzryv. delo no. 46/3:106-120 '61.

Cableless circuit for the automation of belt and single-chain scraper conveyers in a coal mine. A. P. Chernyshev and others. [illegible]

Characteristics of intro[illegible] study of nonlinear vibr[illegible] E. P. Popov. Prikl. ma[illegible] '62.

Concerning a certain crit[illegible] [with summary in Englis[illegible] telem. 23 no. 1:3-21

Concerning a problem of [illegible] skii. Prikl. mat. i mekh.

Concerning the theory of [illegible] periodically varying par[illegible] Avtom. i telem. 23 no.

Conference on designing [illegible] diffusion processes. M[illegible] 36 D '61.

Conference on the general of automation in traction [illegible] Elek. i tepl. tiaga 6 no.

Cybernetics in military a[illegible] no. 2:3-8 F '62.

Device for the automatic [illegible] liquor-flow. A. A. Nagib[illegible] 36 no. 9:28-30 S '61.

Devices used in automatic [illegible] tion processes. N. A. Re[illegible] 24-25 Ja '62

Dombrovskii, N. G. [Mech[illegible] building operations] Mek[illegible] stroitel'nykh rabot. Mo[illegible] 47 p. (Vsesoiuznoe obshc[illegible] politicheskikh i nauchnyk[illegible] no. 16)

AUTOMATIC CONTROL (Continued)

Dynamics of cyclic automatic control B M. Podchufarov Izv vys ucheb zav , mashinostr no 8 42-51 '61

Efficient types of air-regulating devices for air-feed drills. G I Kusnitsyn. Vzryv delo no 46/3 252-262 '61

Electronics should help agriculture E Bornovolokov Radio no 1 7-8 Ja '62.

Equations of the controlled member and elements of the automatic control system of air conditioning units M.M Khasanov. Izv Otd. geol -khim. i tekh nauk AN Tadzh SSR no. 2 3-21 '61.

From the experience on automation in a coal preparation plant V. D Gusev Koks i khim no 9:21-24 '61

Investigation of a gradient automatic optimization system in the presence of random interference at the input and output of the object [with summary in English] TS, TS. Paulauskas Avtom. i telem 23 no 1:34-41 Ja '62

Kraytsov, A. F., and B. G. Alekseev. [Control and automation of metallurgical processes, practical laboratory course] Kontrol' i avtomatizatsiia metallurgicheskikh protsessov, laboratornyi praktikum. Kiev, Gos. izd-vo tekhn. lit-ry USSR
Pt. 2. [Automatic control] Avtomaticheskoe regulirovanie. 1961. 235 p.

Kunnap, E. [Automatic control] Automaatreguleerimine] Tallinn, Eesti Riiklik Kirjastus, 1960. 279 p. [In Estonian]

Lernei, A. IA. [Principles of the construction of high-speed servomechanisms and controllers] Printsipy postroeniia bystrodeistvuiushchikh sledlashchikh sistem i regulatorov. Moskva, Gos. energ. izd-vo, 1961. 151 p. (Biblioteka po avtomatike, no. 25) [MICROFILM]

Let's automate the handling of a ship. B. Egorov. Rech. transp 20 no. 11:38-39 N '61

Magnetic logic element for the realization of implication functions [with summary in English] N. P. Vasil'eva, I. Gashkovets. Avtom i telem. 23 no. 1 57-63 Ja '62.

New systems and apparatus of automatic control of mine ventilation units A. A. Selivra. Sbor trud Inst. gor. dela AN URSR no. 7:116-126 '61.

Passage of random signals through a time discriminator and an integrating amplifier. Part 2 Correlation functions and spectral densities of the output signals of a pulse system [with summary in English] F. M. Kilin. Avtom i telem 23 no 1:25-33 Ja '62.

Problem concerning the functional construction of digital control mechanisms [with summary in English]. T. IA. khodorov. Avtom. i telem 23 no 1:45-51 Ja '62

Program setter with a reverse movement of the cam. V. V. Birlukov. Priborostroenie no. 1 23-24 Ja '62.

Rotary drilling of holes. P. N. Budin. Vzryv. delo no. 46/3-263-270 '61

Study of an automatic speed-regulating system of a section with a mechanical differential B M Shraibman Bumagodel mash no. 9 87-110 '61

Synthesis of linear systems of automatic control in the case of limited displacements of the regulating organs on the criterion of the least RMS error at a given moment of time. K. Shtaidten. Prik. mat. i mekh. 26 no 1,70-79 Ja-F '62.

Taking measures to mechanize and automate the power plant of "Kazbek" type tankers. V. R. Sukhomlin, IU IA Fomin. Biul. tekh. -ekon. inform. Tekh. upr Min mor flota 5 no. 4:13-29 '60

Technical progress in the oil production of the R.S.F.S.R. in the period following the 20th Congress of the CPSU. D. D. Gruz'. Neft. khoz. 39 no. 10 8-12 O '61.

Use of computers to control the stability and trim of a ship IU. Kurach Mor flot 22 no 1 12-14 Ja '62

Use of television apparatus in the systems of automatic control of production processes. A B. Levit. Tekh kino i telev. 6 no. 1:23-31 Ja '62.

Using digit breakdowns in designing automatic control systems. O. P. Il'in Izv. AN Uz SSR. Ser tekh. nauk no 4 24-31 '61.

Variational problems of the optimization of control processes V. A. Troitskii. Prikl mat. i mekh. 26 no 1. 29-38 Ja-F '62.

AUTOMATIC CONTROL—BIBLIOGRAPHY see Bibliography—Automatic control

AUTOMATIC CONTROL—CONGRESSES

Second congress of the executive council of the International Federation on Automatic Control. V. Trapeznikov. Rech. transp. 20 no 11:49 N '61.

Seminar on the automation and mechanization of furnaces and electric power plant control systems. I. IA. Varshavskii. Prom. energ. 15 no. 8:51-52 Ag '60.

AUTOMATIC CONTROL—ELECTRIC EQUIPMENT

Circle diagram of a quick-acting electric motor. A. A. Lebedev. Izv. vys. ucheb. zav , elektromekh. 4 no. 12: 87-90 '61

AUTOMATIC CONTROL—EQUIPMENT AND SUPPLIES

Control units with regulating automatic systems and measuring devices. Prom. energ. 15 no. 8:55 Ag '60.

AUTOMATIC CONTROL—PHYSIOLOGICAL EFFECT

Study of the reliability of the work of the human operator in automated systems [with summary in English]. V. D Nebylitsyn. Vop psikhol. 7 no 6:9-18 N-D '61.

AUTOMATION
(see also subdivision under United States)

At the State Committee on Automation and Machinery Manufacture attached to the Council of Ministers of the U. S. S. R. Mekh. i avtom. proizv. 16 no. 1,55 Ja '62

An automated workshop. Ul Bialiaeu. Belarus' 19 no 1,8 Ja '62.

Automatic casting line. K. L. Shcherbakov. Mekh. i avtom. proizv. 16 no 1:51-52 Ja '62.

Automatic rotary lines for manufacturing ceramic parts. V N. Alekseev Mekh i avtom proizv 16 no 1:6-8 Ja '62

Automation in a coal preparation shop. A. N. Bazanov, V. G. Kul'pin. Koks i khim no. 11:13-19 '61

Automation is the technology of communism V Havrylov Nauka i zhyttia 11 no 10 9-13 O '61.

Automation of circular grinding machines. G. B. Lur'e and others. Stan. i instr 33 no 2:16-21 F '62

Automation of evaporation sections. B. A. Eremenko and others Sakh prom 35 no 11 39-45 N '61

Automation of mobile machinery [with summaries in English, German, and French]. S. P. Gel'fenbein Vest sel'khoz nauki 6 no. 11 81-89 N '61

Automation of suspended centrifugal machines at the Beslan Corn Processing. M V Burnatsev Sakh prom 35 no 11 61-66 N '61

Automation of the stacking up of skins. V. S. Kopeikin. Mekh i avtom. proizv 16 no. 1:16-19 Ja '62.

Automation, remote control and communications on the Rumanian railroads. P Mihailescu. Zhel dor transp 43 no 12 26-31 D '61

Azarov, A. S. [Mechanization and automation of machining processes on lathes] Mekhanizatsiia i avtomatizatsiia obrabotki detalei na tokarnykh stankakh Moskva, Gos. nauchno-tekhn izd-vo mashinostroit lit-ry, 1961 223 p

Complete automation in the coke shop of the Magnitogorsk Metallurgical Combine. O. N. Pankrat'ev, L. S. Bannikov koks i khim no 10:33-36 O '61.

Deaerber and boiler automation in a gas-drying unit. V. I. Istomin. Gaz. prom 6 no 11:48-50 '61

Determining the degree of mechanization and automation of production processes N. S. Preobrazhenskaia Avt. prom. 27 no. 12:1-5 D '61

Economic foundation of communist labor. A. Arakelian. Kommunist 38 no 3:47-56 F '62.

Eighth conference on processes and apparatus, chemical machinery construction and automation in Czechoslovakia. V. M. Olevskii. Khim. prom. no 12:871 D '61.

General line of economic development. NTO 4 no 1: 2-5 Ja '62.

Holbatsovich, A. F., and V. P. Kuznetsov. [Automatic lines for manufacturing gear wheels] Avtomaticheskie linii dlia proizvodstva zubchatykh koles. Minsk, Izd-vo Akad. nauk BSSR, 1961. 132 p.

Introduce rotary production lines more efficiently. V. S. Zamalin. Mekh. i avtom. proizv. 16 no. 1:21-22 Ja '62.

Mechanization and automation of welding processes in enterprises of the Moscow Province Economic Council. S. S. Gudimenko, G. N. Strekalov. Mekh. i avtom. proizv. 16 no. 1:14-16 Ja '62.

Methods for the technical and economic evaluation of automation in the baking industry Report No 2 B N. Alekhin. Khleb. i kond. prom 5 no 12 20-23 D '61.

Naumov, IU. L. [Mechanization and automation of labor consuming processes in the manufacture of machinery] Mashinasozlikda ish protsesslarini mekhanizatsiialashtirish va avtomatlashtirish. Toshkent, "Kizil Uzbekiston," "Pravda Vostoka" va "Uzbekistoni Surkh" birlashgan nashriëti, 1961. 45 p. [In Uzbek]

Obtaining information on the course of chemical processes during their automation. V. N. Treier, V. I. Obukhov. Dokl. AN BSSR 5 no. 12:548-549 D '61.

Organizational principles of the automation of production management in a machinery plant. L. I. Andronov. Vest mash. 42 no. 1:75-82 Ja '62.

Panfilov, K. K. [Automation and remote control on railroads] Avtomatika i telemekhanika na zheleznykh dorogakh. Kiev, 1961. 46 p (Obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii Ukrainskoi SSR. Ser. 7, no. 10)

Pneumatic and electric drives for rectilinear displacements used in the automation of production processes. B. A. Chelishchev, I. I. Fuks. Mekh. i avtom. proizv. 16 no. 1:35-40 Ja '62.

Rabkina, V. L. [Automation and organization of control systems of high-capacity thermal electric power plants] Avtomatizatsiia i organizatsiia upravleniia na teplovykh elektrostantsiiakh bol'shoi moshchnosti. Moskva, Gos. energ. izd-vo, 1961. 175 p.

Reznikov, A. N., ed. [Metal cutting tools for automatic and semiautomatic machine tools] Rezhushchii instrument dlia avtomatov i poluavtomatov. [Kuibyshev] Kuibyshevskoe knizhnoe izd-vo, 1961, 153 p.

Role of mathematic methods in the automation of production processes. A. I. Dilu Mekh. i avtom proizv 16 no. 1:18-20 Ja '62

Rotating machine tools for metal cutting and their use in automatic production lines. M. M. Breitman, A. P. Chekhovskii Mekh. i avtom. proizv 16 no 1:8-13 Ja '62.

Russia (1917- R. S. F. S. R.) Moskovskii gorodskoi ekonomicheskii administrativnyi raion. Sovet narodnogo khoziaistva [Over-all automation and modernization of equipment and production processes at the First State Bearing Plant] Kompleksnaia avtomatizatsiia i modernizatsiia oborudovaniia i protsessov proizvodstva na Pervom gosudarstvennom podshipnikovom zavode Moskva, TSentr. biuro tekhn informatsii, 1959 84 p [MICROFILM]

Seminar on the automation of chemical industries. S. V. Kuznetsov. Khim prom no. 12,872-873 D '61.

"Technology and automation of cellulose production" by N A Baranov, B G. Grobovskii Reviewed by B P Osanov Bum. prom 36 no 10 30 O '61

[Technology calls] Tekhnika zovet. [Moskva] Mosk. rabochii, 1961. 104 p.

AUTOMATION—BIBLIOGRAPHY see Bibliography—Automation

AUTOMATION—PHYSIOLOGICAL ASPECTS

Attitude as a factor in the mental regulation of action [with summary in English] N G Levandovskii Vop. psikhol 7 no 5 135-142 S-O '61

AUTOMOBILE DRIVERS

Advice to amateur drivers G A Penko. Avtomobilist 1 92-99 '61

Automobile drivers perform excellently. V. Shevtsov. Tyl i snab. Sov. Voor. Sil 21 no. 10:67-71 O '61.

Instructions for automobile drivers I M Dakser-gof. Avtomobilist 1 108-115 '61

The main thing is to learn how to drive a car properly. V Gantman. Avtomobilist 1 77-78 '61

Maslutin, M. V. [On a long trip; from the notebook of a motor transport officer] V bol'shom reise; iz zapisnoi knizhki ofitsera-avtomobilista. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 54 p.

Reaction time. M. Levinson. Avt. transp. 40 no. 1:45 Ja '62

Soldiers' gifts of work to the congress V. Smolin. Tyl i snab. Sov. Voor. Sil 21 no. 10, 15-18 O '61

Where and how to train automobile drivers? N. IAlymov, N. Marenkov. Avt. transp 39 no 12 52-54 D '61.

AUTOMOBILE EXHAUST GAS

Neutralization of exhaust gases. K. Kochnev, M. Vasil'ev, S Filatov. Avt. transp. 40 no. 1:19-21 Ja '62.

AUTOMOBILE INDUSTRY see subdivision under Erivan, Minsk

AUTOMOBILE RACING
(see also subdivision under Moscow)

From the history of automobile racing. S. V. Glazunov. Avtomobilist 1,43-15 '61.

Rally Moscow-Sevastopol-Moscow N I Akimova, M. G. Gintsburg. Avtomobilist 1 17-19 '61.

Soviet automobile racing in 1959-1960. L. Afanas'ev, A Sabinin, G. Solov'ev Avtomobilist 1,35-12 '61

Testing of tires in the first women's automobile racing. F. I. IAshunskaia. Kauch. i rez. 20 no. 12:53 D '61.

What is a rally competition? G. M. Solov'ev. Avtomobilist 1:46 '61

AUTOMOBILE TRAINS

Nefedov, A. F. [Selecting the efficient total weight of an automobile train] Vybor ratsional'nogo obshchego vesa avtopoezda. [Moskva] Avtotransizdat, 1961. 35 p.

AUTOMOBILES
(see also subdivision under Austria)

Automobile and a motorboat. V. Gantman Avtomobilist 1 130-134 '61.

Automobile Exhibition in Paris. L. Afanas'ev. Avtomobilist 1:57-59 '61.

1000 automobiles. Avtomobilist 1:37, 41, 45, 49, 55, 61, 65, 81, 83, 85, 89, 91, 93, 95, 97, 99, 102, 103, 105, 107, 110, 111, 112, 113, 115, 119, 131, 133 '61

AUTOMOBILES—COLD WEATHER OPERATION

Starting preheater for motors of the ZIL-157 automobile. IA. Gdodovskii. Tyl i snab. Sov Voor. Sil 21 no. 10: 87-88 O '61.

AUTOMOBILES—DESIGN AND CONSTRUCTION

The first Soviet-built tiny automobile with small cylinder capacity L. D. Barkhi Avtomobilist 1 70-71 '61

AUTOMOBILES—ELECTRIC EQUIPMENT

Repair of foot-operated light switches. V. Demenkov. Tyl i snab Sov. Voor. Sil 21 no. 11:80 N '61.

AUTOMOBILES—ENGINES

Some advices for the maintenance of the 407 "Moskvich" car engine. IA. V. Goriachii, M. K. Smetskii. Avtomobilist 1 100-107 '61.

AUTOMOBILES—IGNITION—TESTING

Device for checking ignition advance. A. Filimonov. Avt transp 40 no 1,21-22 Ja '62

AUTOMOBILES—MAINTENANCE AND REPAIR

[Accessories for technical servicing and repair of automobiles.] Prisp. dlia tekh. obsluzh. i rem avt. nos. 1,3-6 '61.

Moscow. Nauchno-issledovatel'skii institut avtomobil'nogo transporta, Leningradskii filial. [Technical charts for the maintenance of the M-21A automobile, "Volga"] Tekhnologicheskie i postovye karty tekhnicheskogo obsluzhivaniia avtomobilia M-21A "Volga." Moskva, Avtotransizdat, 1961. 150 p.

Prolonging the overhaul life of an automobile S. B. Reidel' Avtomobilist 1 30-31 '61

AUTOMOBILES—STARTING DEVICES

Self-starters for the starting of engines A. Omel'ianenko Avt transp. 39 no. 12 56 D '61

AUTOMOBILES—TECHNOLOGICAL INNOVATIONS

Innovations in automobile engineering. S. V. Glazunov Avtomobilist 1 51-56 '61

AUTOMOBILES—TIRES

Effect of rubber content of automobile tires on their performance. L. G. Khrapunov Kauch. i rez 20 no 11 25-31 N '61.

Ruler for determining the density angle of cord threads in casings and expansion width of a tire-building drum. M. V. Bakanov. Kauch i rez. 20 no. 11,45-48 N '61.

AUTOMOBILES—TOURING

"Chaika" cars start out on a long trip S Laptev. Avtomobilist 1 16-19 '61

In an automobile from Peiping to Paris. Avtomobilist 1 9-11 '61.

Trip on a real map. N IUr'ev. Avtomobilist 1 5-8 '61.

Zikmund and Ganzelka's motor vehicles are touring around the world Avtomobilist 1 30-33 '61

AUTOMOBILES—TRAILERS

Automobile trailer. B. I Zavadskii Avtomobilist 1 124-129 '61

I have a home-trailer B IA. Gartenberg Avtomobilist 1, 117-123 '61.

AUTOMOBILES—TRANSMISSION DEVICES

Balancing parts of the automatic gearbox and hydrotransmitter of GAZ automobiles. A. V. Novikov. Avt prom 27 no. 12;37-39 D '61.

Performance of an automobile hydraulic transmission. A. A. Gol'braikh Avtomobilist 1 60-66 '61

Problem concerning the classification of electromechanical power transmission systems. S P Lebedev. Trudy CHIMFSKH no. 12 5-10 '61

AUTOMOBILES, MIDGET see Karts (Midget cars)

AUTOMOBILES, MILITARY—MAINTENANCE AND REPAIR

For accurate work in organic transport. A. Silenchuk. Tyl i snab Sov. Voor. Sil 21 no. 11 62-66 N '61.

AUTOMOBILES, RACING

Tiny racing automobiles with small cylinder capacity. A. A Sabinin Avtomobilist 1,67-69 '61

AUTOMOBILES, RENTAL

Urgent objectives in the organization of automobile renting Z. Forapontova Avt. transp. 40 no. 1,10-13 Ja '62.

AUTOMORPHIC FUNCTIONS see Functions, Automorphic

AUTOMOTIVE TRANSPORTATION see Transportation, Automotive

AUTONOMIC DRUGS

Effect of ganglion-blocking preparations on the blood picture [with summary in English]. M. F. Runova. Farm. i toks. 24 no. 3;309-314 My-Je '61.

Effect of potentiated local anesthesia, using ganglion-blocking drugs and intramuscular hexenal injections, on the total protein content and the ratios of protein fractions in blood serum in certain surgical interventions. G. K. Aliev and others. Azerb. med. zhur. no. 7: 9-16 Jl '61.

Effectiveness of neuroplegic substances and hypothermia in the prevention and treatment of traumatic shock in irradiated animals. P. K. Dinchenko and others. Voen. -med. zhur. no. 7;86 Jl '61.

Ganglion blocking preparations. M. D. Mashkovskii. Khim. i med. no. 15;5-15 '60.

Influence of neuroplegic substances and local hypothermia in preventing shock arising in connection with prolonged compression of an extremity with a tourniquet. F. M. Danovich. Voen. -med. zhur. no. 7;27-31 Jl '61.

Local anesthesia with potentiation under hospital conditions. A. A. Frolov. Voen. -med. zhur. no. 7;71-72 Jl '61

Neuroplegic substances in combination with local anesthesia in surgery for cancer of the uterine corpus and cervix [with summary in English]. N. M. Novikova. Sov. med. 25 no. 8;40-43 Ag '61.

New ganglion blocking preparations. M. V. Rubtsov and others. Khim. i med. no. 15;18-28 '60.

Potentiated local anesthesia under conditions of a garrison hospital. IU. N. Razumnyi Voen. -med zhur. no. 7;78-79 Jl '61

Preoperative management of patients with thyrotoxicoses [with summary in English]. IU V. Riabov. Vest. khir. no. 6;13-19 '61.

Treatment with neuroleptic drugs (reserpine, aminazine) for patients with cerebral atherosclerosis and hypertension with mental disorders. Preliminary report. G. K Tarasov. Trudy Gos. nauchno-issl. inst. psikh. 22;395-407 '60

Use of neuroplegic preparations in the compound treatment of tetanus [with summary in English]. I. I. Lipshina. Sov. med. 25 no. 10;89-92 O '61.

Use of neuroplegic substances in gastric resection under local anesthesia [with summary in English]. I. S. Poleshchuk. Sov med. 25 no 8;44-47 Ag '61.

Use of potentiated local anesthesia. A. D. Stepanishchev. Voen -med. zhur. no 7;76 Jl '61

Use of potentiated local anesthesia under conditions of a garrison hospital S. M. Baranov, A. P. Alekseev. Voen -med zhur. no. 7;76 Jl '61.

AUTONOMIC NERVOUS SYSTEM see Nervous system, Autonomic

AUTORADIOGRAPHY

Autoradiographic study of the penetration of Sendai virus into the cells of tissue culture. Report No. 1. Production of radioactive isotope-labelled preparations of Sendai virus [with summary in English]. V. M. Zhdanov, A. G. Bukrinskaia Vop. virus. 6 no. 5 542-546 S-O '61

Autoradiographic study of the penetration of Sendai virus into the cells of tissue culture. Report No. 2: Use of virus preparations labelled with P^{32} [with summary in English] A. G. Bukrinskaia, V M. Zhdanov, G. P. Ramenskaia Vop. virus 6 no 5.547-552 S-O '61.

AUTORADIOGRAPHY—EQUIPMENT AND SUPPLIES

Thin photosensitive layers for obtaining autoradiograms of bacterial objects studied with the electron microscope. I. V. Fedorova, V. I. Feoktistov. Med. rad. no. 7;73-77 '61.

AUXILIARY POLICE

In the headquarters of voluntary policemen. M. Nikolaev. Sots. zakon. 30 no. 12 63-64 D '61.

Somenov, V. M., E. A. Frolov, and D. IA. Mirskii. [This is what voluntary policemen should know] Eto nado znat' druzhinniku. Moskva, Gos. izd-vo jurid. lit-ry, 1961. 70 p.

AVIATION MEDICINE

Medical expert evaluation of flying personnel in chronic diseases of the gastrointestinal tract E. T. Malyshkin, B. I. Gel'man. Voen -med. zhur no. 7;57-60 Jl '61.

Psychological study of pilot's mistakes and expert evaluation in aviation medicine. V. M. Misharin. Voen. -med zhur. no. 7;60-63 Jl '61.

AVICENNA, 980?-1037

Elements of epidemiology in the works of Ibn Sina [with summary in English] M. I. Badanov. Med zhur. Uzb. no 8,69-74 Ag '61

AXONOMETRIC PROJECTION

Axonometric rectangular projections of inclined solids with curvilinear surfaces. A. S. Baliabin. Izv. vys. uchcb. zav.; mashinostr. no. 8;5-14 '61.

Using geological maps for drawing linear elements on axonometric block diagrams. S. M. Kravchenko. Trudy MGRI 37 152-158 '61.

AZARKHIN, RODION

Double bass. L. Rakov. Sov. muz. 26 no. 1;101-102 Ja '62.

AZAROV, VSEVOLOD

"Eternal fire"; verse by Vsevolod Azarov. Reviewed by Al Dymshits. Oktiabr' 38 no. 6;216-218 Ag '61.

AZATEK REGION (ARMENIAN S. S. R.)—ANTIMONY ORES

Sagatelian, E. A. [Mineralogy of lead and antimony ores of the Azatek deposit in the Armenian S. S. R.] Mineralogiia svintsovo-sur'mianykh rud Azatekskogo mestorozhdeniia Armianskoi SSR. Erevan, Izd-vo Akad. nauk Armianskoi SSR, 1961. 119 p.

AZATEK REGION (ARMENIAN S. S. R.)—LEAD ORES

Sagatelian, E. A. [Mineralogy of lead and antimony ores of the Azatek deposit in the Armenian S. S. R.] Mineralogiia svintsovo-sur'mianykh rud Azatekskogo mestorozhdeniia Armianskoi SSR. Erevan, Izd-vo Akad. nauk Armianskoi SSR, 1961. 119 p.

AZEPINONE

Investigating the effect of vacuum on the quality of secondary polycaprolactam in autoclave liquefaction. A. M. Belotserkovskii, G. A. Voloskov. Plast. massy no. 9; 63-66 '61.

Use of nitro paraffins in the production of caprolactam. IA. A. Shmidt, O. B. Bal'tseva, N. I. Simonova. Khim. prom. no. 1;15-17 Ja '62.

AZERBAIJAN

Do you know? Kul't. i zhizn' 5 no. 8;10-12 '61.

AZERBAIJAN—ADAMELLITE

Indications of hybridism in the adamellite intrusive of the Megri-Ordubad batholith. Sh A. Azizbekov, I. N Emel'ianova Izv. AN Azerb. SSR Ser. geol. -geog. nauk i nefti no. 3 15-24 '61.

AZERBAIJAN—ARCHAEOLOGY

"Studies in the archaeology and ethnology of Azerbaijan" by A K Alekperov Reviewed by V. Kobychev, A Trofimova Sov etn no. 5 181-185 S-O '61

AZERBAIJAN—CHOREA

Materials on the study of clinical forms of choreic hyperkinesis in Azerbaijan. E. S. Shakhtdzhanova Izv. AN Azerb. SSR, Ser. biol. i med. nauk no. 10;149-152 '61.

AZERBAIJAN—CONDENSATE OIL WELLS

Developing gas-condensate fields of Azerbaijan. A. M. Pirverdian, A. G Durmishkhan, M. Z. Chernomordikov. Azerb. neft. khoz. 40 no. 11;19-20 N '61.

AZERBAIJAN—COPAL

Materials for the study of copal-bearing sediments in the Koshkarchay-Terterchay interfluve O. B. Aliev Izv. AN Azerb. SSR, Ser. geol. -geog. nauk i nefti no 4; 101-106 '61.

AZERBAIJAN—COTTON—FERTILIZERS AND MANURES

Effect of mineral fertilizers and manure on the dynamics of soil nutrients and cotton yields. K. Z. Verdiev. Izv. AN Azerb. SSR, Ser. biol. i med. nauk no 10;91-96 '61.

AZERBAIJAN—COTTON—IRRIGATION

Irrigation problems at a conference of the representatives of agriculture from the republics of Central Asia, Azerbaijan, and the southern provinces of Kazakhstan N. S Khrushchev and others Gidr. i mel. 14 no 1, 3-10 Ja '62.

Regional conference on agriculture in Tashkent. Gidr i mel 14 no 1 11-20 Ja '62.

AZERBAIJAN—DAIRY CATTLE

Changes in the blood picture during the acclimatization of Brown Latvian Cattle imported into Azerbaijan [in Azerbaijani with summary in Russian]. G. T. Efendiev. Trudy Sekt. fiziol. AN Azerb. SSR 4;80-87 '60.

AZERBAIJAN—DIPTERA

Description of three species of bloodsucking midges (Heleidae, Diptera) from the Lesser Caucasus. Sh. M. Dzhafarov. Izv. AN Azerb. SSR, Ser. biol. i med. nauk no. 10;75-80 '61.

AZERBAIJAN—EARTH TEMPERATURE

Determining the characteristics of the change in the geothermic depth in Azerbaijan deposits. A. B. T'Saturiants, S. F. Shabanov. Izv. AN Azerb. SSR. Ser. geol - geog. nauk i nefti no. 5;109-117 '61

AZERBAIJAN—ELECTRIC POWER

Concerning the saving of electric power in the industrial enterprises of the Azerbaijan S. S. R. I. M. Petrosov. Prom. energ. 15 no 8;9-12 Ag '60.

AZERBAIJAN—ETHNOLOGY

"Studies in the archaeology and ethnology of Azerbaijan" by A. K. Alekperov. Reviewed by V. Kobychev, A. Trofimova. Sov. etn. no. 5;181-185 S-O '61

AZERBAIJAN—GAS, NATURAL—GEOLOGY

Using field geophysical data for correlating cretaceous sediments in the Yalama and Khudat areas. R. R. Rakhmanov. Azerb. neft. khoz. 40 no. 11;6-7 N '61.

AZERBAIJAN—GEOLOGY, STRUCTURAL

Structural and geomorphological studies in Azerbaijan. B. K. Baba-zade. Azerb. neft. khoz. 40 no. 11;11-12 N '61.

AZERBAIJAN—GEOMORPHOLOGY

Structural and geomorphological studies in Azerbaijan. B. K. Baba-zade. Azerb. neft. khoz. 40 no. 11;11-12 N '61.

AZERBAIJAN—HEMORRHAGIC SEPTICEMIA OF CATTLE

Treating pasteurellosis of cattle and buffaloes with antibiotics [in Azerbaijani with summary in Russian]. IU. G. Alekperov. Trudy Sekt. fiziol. AN Azerb. SSR 4;97-102 '60.

AZERBAIJAN—HORSETAIL

Chemical composition of some horsetail species growing in Azerbaijan and diuretic properties of preparations derived from them [in Azerbaijani with summary in Russian]. R. K. Aliev, R. A. Abdullaev, A. K. Rakhimova. Trudy Sekt. fiziol. AN Azerb. SSR 4;29-37 '60.

AZERBAIJAN—LAKES—TEMPERATURE

Thermal characteristics of the Greater Caucasus lakes (in Azerbaijan) [in Azerbaijani with summary in English]. Kh. D. Zamanov, R. B. Tarverdiev. Izv. AN Azerb. SSR, Ser. geol. -geog. nauk i nefti no. 5;155-167 '61.

AZERBAIJAN—MINERAL WATERS

Effect of the Daydag arsenous water on the conditioned reflex activity in normal dogs [in Azerbaijani with summary in Russian] S. A. Samedov Trudy Sekt. fiziol. AN Azerb SSR 4 72-79 '60

AZERBAIJAN—MULBERRY—VARIETIES

Introduction and study of foreign mulberry varieties in Azerbaijan I. K. Abdullaev Izv. AN Azerb. SSR Ser. biol. i med. nauk no. 10:23-34 '61

AZERBAIJAN—MUNICIPAL SERVICES

The Azerbaijan S. S. R. Zhil.-kom. khoz. 11 no. 10 11 O '61

AZERBAIJAN—PETROLEUM—REFINING

Petroleum refining and chemical industry of the Azerbaijan Council of National Economy. R. G. Ismailov, L. V. Ivanova, R. Sh. Sverdlov. Khim. i tekh. topl. i masel 7 no. 1 4-8 Ja '62

AZERBAIJAN—PETROLEUM GEOLOGY

Using field geophysical data for correlating cretaceous sediments in the Yalama and Khudat areas R. R. Rakhmanov. Azerb. neft. khoz. 40 no. 11 6-7 N '61

AZERBAIJAN—PETROLEUM INDUSTRY

For a new upswing in the petroleum industry of Azerbaijan. Azerb. neft. khoz. 40 no. 11 1-2 N '61

Objectives of petroleum industry workers in Azerbaijan A. D. Amirov. Bezop. truda v prom. 5 no. 12 3-5 D '61.

AZERBAIJAN—PHYSIOLOGY—RESEARCH

Seven-year plan and developmental paths of the science of physiology in Azerbaijan [in Azerbaijani] A. I. Karaev Trudy Sekt. fiziol. AN Azerb SSR 4:5-10 '60.

AZERBAIJAN—PUBLIC HEALTH

Valuable work on the history of public health in the Iranian Azerbaijan. D. M. Abdullaev. Azerb. med. zhur. no. 7 84-89 Jl '61.

AZERBAIJAN—QUARTZ-PORPHYRY

Hydrothermal quartz-porphyries in the Koshgarchay - Shamkhorchay interfluve as a ceramic raw material. Z. A. Katina. Izv. AN Azerb SSR Ser. geol.-geog. nauk i nefti no. 4:57-62 '61.

AZERBAIJAN—RADIOACTIVE PROSPECTING

Some results of using a radiometric survey in Azerbaijan. A. N. Shatsov, Iu. V. Peisikov, A. M. Guseinov Azerb. neft. khoz. 40 no. 11 7-11 N '61

AZERBAIJAN—RADIOLARIA, FOSSIL

New species of radiolaria of the lower Cretaceous in northeastern Azerbaijan. Kh. Sh. Aliev. Izv. AN Azerb SSR. Ser. geol.-geog. nauk i nefti no. 5 63-72 '61

AZERBAIJAN—RUNOFF

Origin of structural mudflows and their regionalization in the Greater Caucasus within the Azerbaijan area M. S. Mamedzade. Izv. AN Azerb SSR Ser. geol.-geog. nauk i nefti no. 5:160-161 '61.

AZERBAIJAN—SALINE AND ALKALI SOILS

Effect of soil salinization on the root system of some trees and shrubs [in Azerbaijani with summary in Russian]. Z. S. Azizbekova, Z. Iu. Mamedova. Izv. AN Azerb. SSR, Ser. biol. i med. nauk no. 10:15-22 '61

AZERBAIJAN—SHEEP—ANATOMY

Morphological characteristics of some internal organs of sheep raised in the Azerbaijan S. S. R. B. A. Aliev. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 10. 81-89 '61.

AZERBAIJAN—SNOW

Snowstorms in warm weather. A. D. Ellubov. Priroda 51 no. 1 126 Ja '62

AZERBAIJAN—SOILS

Soils of the Dzheyran massif. [in Azerbaijani with summary in Russian]. M. E. Salaev, A. K. Zeinalov. Trudy Inst. pochv. i agrokhim. AN Azerb. SSSR 10:5-70 '61.

AZERBAIJAN—VOCATIONAL EDUCATION

Schools of Azerbaijan solve great problems T. Pochitalin. Prof.-tekh. obr. 19 no. 1 24-25 Ja '62

AZERBAIJAN—WHEAT—DISEASE AND PEST RESISTANCE

Studying the susceptibility of wheat varieties to rust and covered smut in relation to the altitude of the region. M. M. Ismailov. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 10:43-53 '61.

AZERBAIJAN—ZEBUS

Blood picture of Azerbaijanian breeder zebus. A. I. Karaev, G. K. Kadyrov. Trudy Sekt. fiziol. AN Azerb. SSR 4:125-134 '60

AZIMUT (SHIP)

A new research ship. K. S. Pomeranets. Probl. Arkt. i Antarkt. no. 9:86-88 '61.

AZIMUTH

Using the wrist watch in determining the azimuth by observations on Polaris. E. B. Knaub Geod. i kart. no. 12:12-17 D '61

AZO COMPOUNDS

Antineoplastic activity of alkoxy derivatives of p,p'-bis (β-chloroethyl)-aminomethyl-azobenzene. A. I. Kravchenko, S. P. Khramchenkova. Vop. onk. 7 no. 12 19-26 '61.

AZO DYES

Sensitivity of Ehrlich cancer cells to dyes. B. E. Aizenman and others. Vop. onk. 7 no. 8:83-90 '61.

AZOV, SEA OF—COAST CHANGES

History of the development of the northern and western coasts of the Sea of Azov with reference to the formation of coastal marine placers. F. A. Shcherbakov. Trudy Okean. kom. 12 17-29 '61

AZOV, SEA OF—FISHERIES—ECONOMIC ASPECTS

Development of the economy of fishing collectives and the fishing industry of the Azov-Don region under conditions of controlled fishing. Iu. A. Prudnikov. Ryb. khoz. 38 no. 1 82-84 '62.

AZOV, SEA OF—FISHERIES—RESEARCH

Hydrological and hydrochemical work of the Azov-Black Sea Fisheries Scientific Institute. D. IA. Berenbeim Biul. Okean. kom. no. 3:35-37 '61.

AZOV, SEA OF—FISHES—FOOD

Relationship between catch size and the utilization of the food supply by fish in the Sea of Azov. M. V. Zheltenkova Trudy Gidrobiol. ob-va 11 309-322 '61

AZOV, SEA OF—FOULING OF SHIP BOTTOMS

Fouling of ships sailing in the Sea of Azov and the Kerch Strait. E. M. Lebedev Trudy Inst. okean. 49:116-136 '61.

Materials on the species of algae causing the fouling of ships in the Sea of Azov and the Black Sea. K. L. Ivanova. Trudy Inst. okean. 49:137-146 '61.

AZOV, SEA OF—SHIPWORMS

First stage of the settlement of shipworms in the Sea of Azov. P. I. Riabchikov, I. N. Soldatova, S. E. Dzakova Trudy Inst. okean. 49:117-155 '61.

AZOV, SEA OF—STORMS

A short-lived storm. E. N. Egorov, L. G. Galanov. Priroda 51 no. 1:90-92 Ja '62

AZOV SEA REGION—MINES AND MINERAL RESOURCES

History of the development of the northern and western coasts of the Sea of Azov with reference to the formation of coastal marine placers. F. A. Shcherbakov Trudy Okean. kom. 12:17-29 '61.

AZOV SEA REGION—URANIUM

Forms of uranium occurrence in waters of the Sea of Azov, some limans, and rivers of the Azov-Black Sea Basin M. S. Lambet, D. S. Nikolaev. Dokl. AN SSSR 142 no. 3 681-682 Ja '62.

BCG VACCINATION

Effect of ionizing radiations on regularity of the vaccine process in BCG vaccination in an experiment [with summary in English]. A. I. Togunova, M. F. Kulikova. Med. rad. no. 7:39-45 '61.

BABENKI—TOY INDUSTRY

Babenki toy factory. V. F. Volusʹko. Doshk. vosp. 35 no. 1:97-98 Ja '62

BACH, JOHANN SEBASTIAN, 1685-1750

"Edvard Grieg" and "Sebastian Bach" by F. M. Orzhekhovskaia. Reviewed by I. Balakhovskaia. Sem'ia i shkola 16 no. 12:40-41 D '61.

BACILLUS MEGATHERIUM

Conditions for the formation of vitamin B_{12} by Bacillus megatherium cultures. V. I. Ushakova. Vit. res. i ikh isp. no. 5:61-72 '61.

BACTERIA, EFFECT OF DRUGS ON

Comparative study of three methods for determining bacterial sensitivity to antibiotics [with summary in English]. I. V. Vlasova. Antibiotiki 6 no. 6:513-518 Je '61.

Sensitivity of microflora to various antibiotics in subacute and chronic inflammation of the maxillary sinuses [with summary in English]. V. Z. Tarasiuk. Zhur. ush., nos. i gorl. bol. 21 no. 4:41-45 Jl-Ag '61.

Significance of the functional condition of microbes for the antibacterial action of tetracycline [with summary in English]. V. N. Solovʹev, V. S. Zueva. Antibiotiki 6 no. 6:508-513 Je '61.

BACTERIA, METHANE-PRODUCING

Biosynthesis of vitamin B_{12} by methane-producing bacteria. V. IA. Bykhovskiĭ, E. S. Pantskhava. Vit. res. i ikh isp. no. 5:82-89 '61.

Producing vitamin B_{12} by processing waste products of the distilling industry with thermophilic methane bacteria. V. N. Bukin and others Vit. res. i ikh isp. no. 5:90-111 '61

BACTERIA, PATHOGENIC

Study of transformational activity in streptomycin resistance in pathogenic microbes [with summary in English]. P. P. Sakharov and others Biul. eksp. biol. i med. 52 no. 10 80-84 O '61

BACTERIA, PHYTOPATHOGENIC

Biochemical properties of the causative agents of the soft rot of plants, Pectobacterium phytophthorum (Appel) Waldee, P. carotovorum (Jones) Waldee, P. aroideae (Towns.) Waldee M. V. Gorlenko, Khe Li-man' (Ho Li-yuan) Vest. Mosk. un-ta. Ser. 6, Biol., pochv. 16 no. 6 26-36 N-D '61

BACTERIA, SULFUR

Role of sulfate-reducing bacteria on the corrosion of low-alloy and stainless steel in sea water I. A. Rozenberg. Trudy Inst. okean. 49:258-265 '61.

BACTERICIDES

Antibacterial properties of preparations from the meadow geranium. N. R. Pshenichnova Trudy Perm. farm. inst. no. 1:81-85 '59

Some characteristics of pulmonary tuberculosis in connection with the use of antibacterial drugs [with summary in English]. N. S. Pilipchuk. Vrach. delo no. 6 80-84 Je '61

BACTERIOLOGY

Elkhman, B. A. [Optical standardization of bacterial preparations] Opticheskaia standartizatsiia bakterinykh preparatov. Moskva, Biuro nauchnoĭ informatsii, 1960. 203 p.

[MICROFILM]

"Principles of bacteriology and serology" [in German] by H. Helmrich. Reviewed by T. G. Tsiranova Sov. med. 25 no. 9:156 S '61.

Thin photosensitive layers for obtaining autoradiograms of bacterial objects studied with the electron microscope. I. V. Fedorova, V. I. Feokistov. Med. rad. no. 7:73-77 '61.

BACTERIOLOGY—CULTURES AND CULTURE MEDIA

Survival of marine micro-organisms (heterotrophs) during cultivation under laboratory conditions F. V. Zenkova, A. F. Kiles Dokl. AN SSSR 142 no. 3 695-698 Ja '62.

BACTERIOLOGY, AGRICULTURAL—CONGRESSES

Conference on Soil and Agricultural microbiology. N. T. Kiseleva. Izv. AN Turk. SSR. Ser. biol. nauk no. 6:99-101 '61.

BACTERIOPHAGE

Comparative study of the biological properties of indicator typhoid phages. M. Abdusamatov. Med. zhur. Uzb. no. 6:46-51 Je '61.

Kondratʹev, K. N. [On the border of the living; phages, the viruses of microbes] Na grani zhivogo; fagi - virusy mikrobov. Moskva, Izd-vo "Znanie," 1961. 45 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 6, Biologiia i meditsina, no. 24)

Nature and significance of bacteriophage. Report No. 3. Ultra-thin phage sections (methods and preliminary data) [with summary in English]. N. N. Zhukov-Verezhnikov, A. P. Pokhov, T. A. Bulko Biul. eksp. biol. i med. 52 no. 10 76-79 O '61

Obtaining indicator typhoid phages from nature. M. Abdusamatov. Med. zhur. Uzb. no. 7:40-43 Jl '61.

Treatment of dysentery in children with tetracycline together with a bacteriophage R. Z. Sherman, O. I. Shevlakova, S. D. Tatarinova Sov. med. 25 no. 7:91-95 Jl '61.

BAD GASTEIN, AUSTRIA—HEALTH RESORTS, WATERING PLACES, ETC.

Original methods of treatment and some data on research at the health resort in Bad Gastein (Austria). G. A. Reinberg. Vop. kur., fizioter. i lech. fiz. kult. 26 no. 4: 362-367 Jl-Ag '61.

BAER, KARL ERNST VON, 1792-1876

Raikov, B. E. [Karl Ernst von Baer; his life and works] Karl Ber; ego zhizn' i trudy. Moskva, Izd-vo Akad. nauk SSSR, 1961. 524 p.

BAGGING

Shop for washing and repairing sacks. V. N. Treʹtiakov. Sakh. prom. 36 no. 12:36-39 D '61.

BAHUSHEVICH, FRANTSISHAK, 1840-1900

New data on F. Bahushevich. A. Malʹdzis. Belarus' 19 no. 1:26 Ja '62.

BAIKAL, LAKE—PHYTOPLANKTON

Periodical changes in the development of phytoplankton in Lake Baikal (in the region of the village Listvenichnoye - Tankhoy Station - Peschanaya Bay). O. M. Kozhova. Trudy Gidrobiol. ob-va 11:28-43 '61.

BAIKAL LAKE REGION—APATITE

Quartz-diopside rocks of the southwestern Lake Baikal region and characteristics of apatite localization. I. S. Dolitsin. Trudy IGEM no. 48:175-201 '61.

BAIKAL LAKE REGION—DIOPSIDE

Quartz-diopside rocks of the southwestern Lake Baikal region and characteristics of apatite localization. I. S. Delitsin. Trudy IGEM no. 48:175-201 '61.

BAIKAL LAKE REGION—ROCKS, CARBONATE

Metasomatic and retrograde-metamorphic processes in the carbonate rocks of the "Perceval" deposit (southern Lake Baikal Region). M. I. Zhero. Trudy IGI'M no. 48:161-174 '61.

BAKAL—CONSTRUCTION INDUSTRY—FINANCE

Business accounting in the "Rudbakalstroi" construction administration. G. Peddel', D. Georgov. Ekon. stroi. no. 12:47-51 D '61.

BAKALOV, GEORGII, 1873-1939

Georgii Bakalov's Russian ties. V. I. Zlydnev. Lit. slav. nar. no. 6:218-267 '61.

BAKANOV, NIKOLAI ALEKSEEVICH, 1893-1961

N. A. Bakanov; an obituary. Sakh. prom. 35 no. 11:60 N '61.

BAKERS AND BAKERIES see subdivision under Uzbekistan; Yaroslavl Province

BAKERS AND BAKERIES—EQUIPMENT AND SUPPLIES

Mechanization in preparing Slavic zwieback. V. N. Prudov. Khleb. i kond. prom. 5 no. 12:31-32 D '61.

Methods for the technical and economic evaluation of automation in the baking industry. Report No. 2. B. N. Alekhin. Khleb. i kond. prom. 5 no. 12:20-23 D '61.

BAKHRUSHIN, SERGEI VLADIMIROVICH, 1882-1950

Career of Sergei Vladimirovich Bakhrushin. A. A. Zimin. Nauch. dokl. vys. shkoly; ist. nauki no. 2:117-127 '61.

BAKING INDUSTRY—EQUIPMENT AND SUPPLIES

Inertia conveyer for bakery products. E. V. Efimova. Izv. vys. ucheb. zav., pishch. tekh. no. 5:106-115 '61.

BAKU—PUBLIC HEALTH

Organizing "health zones" in parks and gardens of Baku. Sh. M. Gasanov. Azerb. med. zhur. no. 7:3-8 Jl '61.

BAKU—RAILROADS—CARS

Mazut and pigeons. I. Meskhi. Ogonek 40 no. 5:6-7 Ja '62.

BAKU—TAR

Industrial refining of tars obtained from the pyrolysis of hydrocarbon gases in Baku plants. R. G. Ismailov, T. M. Ivanova, Z. A. Sultanov. Azerb. neft. khoz. 40 no. 11:33-37 N '61.

BAKU—TIRES, RUBBER

Manufacture of diaphragms at the Baku tire factory. G. IA. Vasil'ev and others. Kauch. i rez. 21 no. 1:45-47 Ja '62.

BAKU—WATER SUPPLY

Water supply to Greater Baku. D. M. Suleimanov. Izv. AN Azerb. SSR, Ser. geol.-geog. nauk i nefti no. 5:183 '61.

BAKU ARCHIPELAGO—GAS, NATURAL—GEOLOGY

Sedimentation of the productive formation in the Sangachaly-More - Duvannyy Island - Bulla Island anticlinal zone (northeastern Baku Archipelago). G. M. Usanov. Azerb. neft. khoz. 40 no. 9:5-8 S '61.

BAKU ARCHIPELAGO—PETROLEUM GEOLOGY

Sedimenation of the productive formation in the Sangachaly-More - Duvannyy Island - Bulla Island anticlinal zone (northeastern Baku Archipelago). G. M. Usanov. Azerb. neft. khoz. 40 no. 9:5-8 S '61.

BAKU ARCHIPELAGO—SEDIMENTATION AND DEPOSITION

Lithology of recent sediments in the northern part of the Baku Archipelago. D. M. Suleimanov, F. S. Aliev. Izv. AN Azerb. SSR, Ser. geol.-geog. nauk i nefti no. 4:83-89 '61.

BALAKHNA—PAPER INDUSTRY

Technical cooperation bears fruit. K. M. Dolmatov. Bum. prom. 36 no. 9:12-13 S '61.

BALANCE

Analytic balance with elastic (band) suspension. Izm. tekh. no. 12:57 D '61.

BALANCING OF MACHINERY

Balancing of the mobile upper structure of cranes. B. I. Zhermunskii. Vest. mash. 42 no. 1:31-34 Ja '62.

Balancing of the traction motor armature on the MS-25 balancing stand. E. A. Perfil'ev. Elek. i tepl. tiaga 5 no. 12:12-14 D '61.

Balancing parts of the automatic gearbox and hydrotransmitter of GAZ automobiles. A. V. Novikov. Avt. prom. 27 no. 12:37-39 D '61.

Using balancers in the production of compressors for home refrigerators [with summary in English on page 79]. A. D. Maliarchikov. Khol. tekh. 38 no. 4:39-42 Jl-Ag '61.

BALASHOV, NIKOLAI SEMENOVICH

Bul'skii, R. V. [On the road] V puti. Moskva, Gos. izd-vo polit. lit-ry, 1961. 110 p. (Povesti o dekabrkh i budnikh partii)

BALKAN PENINSULA—TILLAGE

System of tillage in Bulgaria and neighboring countries of the Balkan Peninsula during the Middle Ages. N. K. Kontsov. Viz. vrem. 20 3-13 '61.

BALKASHIN, IURII ANATOL'EVICH

Short road. G. Orlov. Sov. muz. 25 no. 12:11-14 D '61.

BALKHASH—CONSTRUCTION WORKERS—EDUCATION AND TRAINING

From the history of the formation of the labor force in the "Balkhashstroi," 1930-1935. L. A. Pinegina. Izv. AN Kazakh. SSR, Ser. ist., arkheol. i etn. no. 3:26-40 '61.

BALKHASH—COPPER INDUSTRY

From the history of the formation of the labor force in the "Balkhashstroi," 1930-1935. L. A. Pinegina. Izv. AN Kazakh. SSR Ser. ist., arkheol. i etn. no. 3:26-40 '61.

BALKHASH, LAKE—WATER—COMPOSITION

Tarasov, M. N. [Hydrochemistry of Lake Balkhash] Gidrokhimiia ozera Balkhash. Moskva, Izd-vo Akad. nauk SSSR, 1961. 225 p.

BALLADS

"Russian historical songs of the 16th and 18th centuries" by V. K. Sokolova; trudy of the N. N. Miklukho-Maklai Institute of Ethnology of the Academy of Sciences of the U. S. S. R. Vol. 61. Reviewed by K. Chistov. Sov. etn. no. 5:174-176 S-O '61.

BALLADS, UKRAINIAN

"Songs and romances by Ukrainian poets." Reviewed by A. V. Pozdneev. Rad. lit. 5 no. 1:127-130 Jl-Ag '61.

BALLAST (RAILROADS)

Accumulation of residual deformations in the ballast cross section on a track with reinforced concrete ties. V. F. Fedulov. Trudy TSNII MPS no. 217:107-115 '61.

Changes occurring in some properties of ballast materials in connection with tamping. P. M. TSigel'nyi. Trudy TSNII MPS no. 217:25-31 '61.

Elastic and residual deformations of the track in connection with the various methods, areas and degrees of tamping of the ballast cross section. V. A. Aleshin, N. I. Puzanova. Trudy TSNII MPS no. 217:56-70 '61.

Problem of the stabilization of the ballast foundation of the railroad track. V. A. Aleshin. Trudy TSNII MPS no. 217:5-8 '61.

Studying the efficiency of various methods of ballast foundation tamping under operating conditions. A. K. Shafranovskii. Trudy TSNII MPS no. 217:71-98 '61.

BALLAST (RAILROADS)—TESTING

Application of gamma rays for determining the compaction of ballast materials. P. M. TSigel'nyi. Trudy TSNII MPS no. 217:32-47 '61.

Using the photometric analysis of X-ray pictures for determining ballast compaction. A. K. Shafranovskii, IU. G. Vinogradov. Trudy TSNII MPS no. 217:48-55 '61.

BALLET see subdivision under China; Great Britain, Latin America; Leningrad; Moscow, White Russia

BALLISTIC MISSILES

Kurov, V. D., and IU. M. Dolzhanskii. [Fundamentals for designing powder-rocket missiles] Osnovy proektirovaniia porokhovykh raketnykh snariadov. Moskva, Gos. nauchno-tekhn. izd-vo Oborongiz, 1961. 293 p.

BALLISTOCARDIOGRAPHY

(see also subdivision under Tajikistan)

Ballistocardiographic changes in workers of an Irkutsk mica factory. K. R. Sedov. Sov. med. 25 no. 7:109-114 Jl '61.

Ballistocardiographic study of children with rheumatism. A. L. Tatarinov. Pediatriia no. 1:67-73 '62.

Ballistocardiography in the diagnosis of rheumatic carditis [with summary in English]. G. V. IAnovskii. Vrach. delo no. 12:65-69 D '61.

Changes in the ballistocardiogram in cancer of the internal organs. T. P. Chuberkis, E. M. Kucherenko, O. IA. Grinshpun. Vrach. delo no. 12:134 D '61.

Classification of the recording systems in ballistocardiography [with summary in English]. V. V. Parin, R. M. Baevskii. Kardiologiia 1 no. 2:46-54 Mr-Ap '61.

Pneumoelectrooscillography as a method for examining the cardiovascular system. O. IA. Grinshpun. Vrach. delo no. 6:125-127 Je '61.

Role of heart movements in the formation of a systolic ballistocardiographic complex [with summary in English]. A. V. Mareev. Biul. eksp. biol. i med. 52 no. 10:13-16 O '61.

Use of electro- and ballistocardiography in detailed medical examination. V. M. Pozniak. Voen.-med. zhur. no. 7:69-70 Jl '61.

BALLOONS

Stratospheric balloons and astronomy. A. G. Vorob'ev. Priroda 51 no. 1:13-18 Ja '62.

BALSAMS

Treatment of gastric and duodenal peptic ulcer by Chinese respiratory exercises (pneumotherapy) and Shostakovskii's balsam [in Azerbaijani with summary in Russian]. N. Z. Vezirova, S. IA. Kravchinskaia. Azerb. med. zhur. no. 7:57-62 Jl '61.

BALTIC SEA—COAST CHANGES

Postglacial development of the central section of the southern coast of the Baltic Sea (within the Polish People's Republic). IU. A. Pavlidis, V. L. Boldyrev. Trudy Okean. kom. 12:30-41 '61.

Some characteristics of the postglacial transgression of the Baltic Sea and its relation with the latest transgression of other seas. IU. A. Pavlidis. Trudy Okean. kom. 12:86-93 '61.

BALTIC SEA—COD FISH

Quantitative estimation of the concentrations of Baltic cod by the use of sonar. K. I. Rudanov. Rybn. khoz. 38 no. 1:26-32 '62.

BALTIC SEA—MARINE BIOLOGY

Some general features of the distribution and biology of animal and plant species occurring in large masses in the Baltic Sea as related to its hydrological characteristics. I. I. Nikolaev. Okeanologiia 1 no. 6:1046-1058 '61.

BALTIC STATES—ART—HISTORY

Against distortion of the history of art of the Soviet Baltic States. S. Chervonnaia. Iskusstvo 24 no. 12:70-73 '61.

BALTIC STATES—ORNITHOLOGY—CONGRESSES

Pribaltiiskaia ornitologicheskaia konferentsiia, 4th, 1960. [Abstracts of reports of the Baltic Conference on Ornithology] Tezisy dokladov. Riga, Izd-vo Akad. nauk Latviiskoi SSR, 1960. 114 p.

BALZAC, HONORE DE, 1799-1850

Philosophical views of Balzac. R. Reznik. Vop. lit. 5 no. 7:120-131 Jl '61.

BANACH SPACES

One form of solving axially symmetric space problems in the theory of elasticity by means of functions of complex variables and the solution of these problems for a sphere. A. IA. Aleksandrov, IU. I. Solov'ev. Prikl. mat. i mekh. 26 no. 1:138-145 Ja-F '62.

BANDAGES AND BANDAGING

Action of an ultra-high frequency electric field through bandages with ointments and medicinal solutions. I. A. Abrikosov, N. A. Gavrilova. Vop. kur., fizioter. i lech. fiz. kul't. 26 no. 4:332-335 Jl-Ag '61.

BANKS AND BANKING

(see also subdivision under Finland; Pomazyrevo)

Bank control over the course of trade and delivery of goods. G. Zysman, V. Lapaksin, TS. Khaitina. Den. i kred. 20 no. 1:50-61 Ja '62.

Brief information on foreign exchange and banks abroad. Den. i kred. 20 no. 1:87-88 Ja '62.

City general banks in Russia during the first half of the 19th century. N. S. Sviridov. Nauch. dokl. vys. shkoly; ist. nauki no. 2:84-101 '61.

Gosudarstvennyi bank, Moscow. [State Bank of the U. S. S. R. reports to the 22d Congress of the CPSU; concise study of the State Bank's operations between the 20th and the 22d Congresses of the CPSU] Gosudarstvennyi bank SSSR k XXII s"ezdu KPSS, kratkii ocherk deiatel'nosti Gosbanka za period mezhdu XX i XXII s"ezdami KPSS. Moskva, Gosfinizdat, 1961. 131 p.

Supplying credit for the purchase of new machinery. K. Arasianov. Den. i kred. 20 no. 1:61-65 Ja '62.

BANKS AND BANKING—ACCOUNTING

(see also subdivision under Mogilev Province; Moscow Province)

From our readers' letters. Den. i kred. 20 no. 1:72-77 Ja '62.

Technique for calculating interest rates for individual accounts. M. Andreev. Den. i kred. 20 no. 1:70-72 Ja '62.

BANKS AND BANKING—STATISTICS see subdivision under Voronezh Province

BARATASHVILI, NIKOLOZ MELITONOVICH, 1817-1845

Kita Abashidze on the realistic trend in N. Baratashvili's works. D. I. Ramishvili. Soob. AN Gruz. SSR 27 no. 6:651-656 N '61.

BARATYNSKII, EVGENII ABRAMOVICH, 1800-1844

Ileshin, B. I. [The poet Evgenii Abramovich Baratynskii] Poet Evgenii Abramovich Baratynskii. [Tambov] Tambovskoe knizhnoe izd-vo, 1961. 29 p. (Zamechatel'nye liudi otechestvennoi istorii v Tambovskom krae)

BARBEL (FISH) see subdivision under Aral Sea

BARBITAL

Effect of the action of analeptics on respiration against the background of morphine, medinal and urethane application [with summary in English] T V Raspopova Farm i toks 24 no 3,276-279 My-Je '61

BARBITURATES

Introductory intravenous anesthesia with Lactinal IU. B Nechaev, N. I. Burianova, E. V. Sgineva. Vest khir no 1:99-104 '62.

BARBITURATES—TOXICOLOGY

Treatment of severe barbiturate poisoning using a preparation of glutarimide (megimide) Tihamer Nemes, Gyorgy Boros Sov med 25 no 10,136-140 O '61.

BARBITURIC ACID

Synthesis of some new barbiturates and thiobarbiturates. M. T Dangian, E G Mesropian Izv. AN Arm SSR Khim nauki 14 no 5 487-489 '61

BARENTS SEA—FISHERIES—RESEARCH

Underwater observations by the use of a bathyscaphe in the Barents Sea I. I. Lagunov Biul. Okean kom no. 8, 67-72 '61

BARI, NINA KARLOVNA, 1901-1961

In memory of professor N. K. Bari. D. E. Men'shov, P. L. Ul'ianov Vest Mosk un. Ser. 1:Mat , mekh 17 no 1' 74-80 Ja-F '62

BARIUM SILICATE

Synthesis of barium metasilicate M G Manvelian, A. S Sarkisian, G M Sagatelian Izv. AN Arm SSR Khim nauki 14 no 5 425-434 '61

BARIUM TITANATE—ELECTRIC PROPERTIES

Change in the structure-sensitive characteristic of barium titanate during its high-temperature phase transition L A. Trifonov Izv vys ucheb zav , fiz no 6 174-175 '61.

BARK

Chlorophyll a and chlorophyll b content of the bark and wood of some trees. E. N. Ketskhoveli, D Ch Kinkladze. Soob. AN Gruz. SSR 27 no. 5:597-600 N '61.

BARLEY see subdivision under Karabakh Steppe

BARTOK, BELA, 1881-1945

Bela Bartok in Russia. I Nest'ev Sov. muz 25 no. 12 110-117 D '61.

BASAL METABOLISM

Basal metabolism change under the influence of a neuroplegic mixture in toxic goiter. N V Smirnov. Vest. khir. no 6:23-27 '61.

BASEDOW'S DISEASE see Graves' disease

BASES (CHEMISTRY)

Electrometric titration in acid-based determinations. N.IA Khlopin, N.S. Litvinova. Trudy Perm. farm. inst no. 1:142-147 '59.

Some economic indices of the use of soluble bases in the sulfite pulp production. V. V. Naumov. Bum. prom. 37 no 1:11-13 Ja '62

Use of soluble bases at new and modernized plants. I. D. TSvetkov Bum prom. 37 no 1:3-7 Ja '62.

BASHKIRIA—BUILDING TRADES—STUDY AND TEACHING

Let's study new technology more thoroughly A. Smirnov Prof -tekh obr. 19 no 1 29 Ja '62.

BASHKIRIA—CRACKING PROCESS

Thermal cracking of fuel oils and tars from high-sulfur crudes. K V Kostrin, IU S Sabadash. Khim. i tekh. topl. i masel 7 no. 2 1-5 F '62.

BASHKIRIA—ELECTRIC POWER—PERIODICALS

Conference of the readers of "Promyshlennaia energetika" journal in an enterprise of the Bashkiria Economic Council. N. I. Konovalov. Prom energ. 16 no. 7:56 Jl '61.

BASHKIRIA—FIRE EXTINCTION—SOCIETIES, ETC.

Searching for new developments. Sadrislamov. Pozh. delo 8 no. 1:6 Ja '62.

BASHKIRIA—JOURNALISM

There are creative contacts! G. Ramazanov. Sov. pech. no 1:17 Ja '62.

BASHKIRIA—OIL RESERVOIR ENGINEERING

Form of indicator diagrams in the exploitation of wells with bottom pressure below the saturation pressure and the formation pressure above the saturation pressure. V. F Usenko. Neft. khoz. 39 no. 9.40-46 S '61.

BASHKIRIA—PALEOGEOGRAPHY

Sarkisian, S. G., and N. A. Mikhailova. [Paleogeography of the period of the formation of the terrigenous Devonian stratum in Bashkiria and the Tatar A. S. S. R.] Paleogeografiia vremeni obrazovaniia terrigennoi tolshchi devona Bashkirii i Tatarii. Moskva, Izd-vo Akad. nauk SSSR, 1961. 231 p. illus.

BASHKIRIA—PETROLEUM—REFINING

Prospective flow sheet of the Bashkir Scientific Research Institute of the Petroleum Industry for refining high-sulfur oils I I Kantor Khim i tekh. topl i masel 7 no 1 14-19 Ja '62

BASHKIROV, D

New features in the programs of pianists. D Blagoi, Mstislav Smirnov Sov muz 25 no. 12 103 D '61

BASNER, VENIAMIN EFIMOVICH, 1925-

Success of a composer, on V. Basner's "Third quartet." M Aranovskii Sov. muz 25 no 12 24-27 D '61

BASS

Cold storage of codfish and bass. A. I. Piskarev, A. P. Bornovalova, L. G. Luk'ianitsa. Khol. tekh. 38 no. 3: 39-43 My-Je '61.

BASUTOLAND

Three protectorates in South Africa A Strogovich. Az i Afr sep no 1 26-27 Ja '62

BATES LABORATORY ASPIRATOR see Separators (Machines)

BATHOLITHS see subdivision under Armenia; Iran, Nakhichevan A. S S. R.

BATHS

"Balneo- and physiotherapy in diseases of the digestive tract." Reviewed by I. Berlesku. Vop. kur., fizioter. i lech. fiz. kul't 26 no 6 559-562 N-D '61.

Late results of balneological treatment of cardiovascular disorders in diseases of the nervous system N I Strelkova. Vop. kur., fizioter., i lech. fiz. kul't. 26 no. 4:293-297 Jl-Ag '61.

BATHS, MOOR AND MUD

(see also subdivision under Sapozhok, Tajikistan)

Combined treatment using mud, medical gymnastics and liver diathermy of patients with chronic infectious nonspecific polyarteritis. M. S. Belen'kii, I'. M. Rybchinskaia. Vop. kur., fizioter., i lech. fiz. kul't. 26 no. 4: 356-357 Jl-Ag '61.

Detection and treatment of precancerous conditions of the cervix uteri under conditions of a mud therapy spa. I. A. Brusilovskii, N. D. Batsman, G. S. Leibovich. Sov. med. 25 no. 8:129-131 Ag '61.

BATHS, SEA

(see also subdivision under Sochi)

Comparative study of the effect of carbon dioxide, hydrogen sulfide and oxygen baths in sea water on hypertension. T. A. Vasil'eva. Vop kur , fizioter. i lech. fiz kul't. 24 no 6;530-536 N-D '59.

Treatment of hypertension by sea baths. N. E. Filinov. Vop. kur., fizioter., i lech. fiz. kul't 26 no. 6 528-532 N-D '61

BATHYSCAPHE

(see also subdivision under France)

Underwater observations by the use of a bathyscaphe in the Barents Sea. I. I. Lagunov. Biul. Okean kom no. 8:67-72 '61.

BATTERIES, ELECTRIC see Electric batteries, Storage batteries

BATTERIES, SOLAR see Solar batteries

BATTLES IN ART

The diorama "Assault on Mt. Sapun." G. Ternovskii. Iskusstvo 24 no. 6:40-46 '61.

BATYL ALCOHOL

Use of Batyl alcohol and leukogen in radiation leucopenia E N Mozharova, A. M. Rusanov, R S. Komarova Med rad no 9 13-16 '61

BAUXITE see subdivision under Ural Mountains

BEAMS AND GIRDERS

Torsional rigidity of I and U-beams. G.S. Kit. Nauch. zap. IMA AN URSR. Ser., mashinoved. 7 no. 7, 81-84 '61.

BEANS see subdivision under Altai Territory

BEANS—HARVESTING

Tractor mounted ZhBA-3, 5 bean reaper. IU. A. Nikolaev. Trakt. i sel'khozmash. 31 no. 12:27 D '61.

BEARING INDUSTRY see subdivision under Minsk; Moscow

BEARING METALS—METALLOGRAPHY

Thermomechanical treatment of ball bearing steel. M. L. Bernshtein, E. L. Demina, K. E. Safonova. Metalloved. i term. obr. met. no. 1:23-28 Ja '62.

BEARINGS (MACHINERY)

Pinegin, S. V. [Antifriction bearings in machines] Opory kacheniia v mashinakh. Moskva, Izd-vo Akad. nauk SSSR, 1961. 148 p. (Nauchno-populiarnaia serila)

Self-excited vibrations of light rotors with sleeve bearings. S. I. Sergeev. Trudy VNIIKIMASH no. 4:141-161 '61.

BEDNYI, DEM'IAN, 1883-1945

Motifs in Demian Bednyi's poetry written during 1911-1914 N A. Voitko Nauk zap Stan. derzh. ped. inst vol. 4:71-92 '60

BEE CULTURE

Increasing the productivity and profitability of beekeeping V Kondrat'eva Vest sel'khoz nauki 6 no 11 154-155 N '61

BEE CULTURE—HANDBOOKS, MANUALS, ETC.

[Concise manual for the beekeeper] Korotkyi dovidnyk pasichnyka. Kyiv, Derzh. vyd-vo sil's'kohospodars'koi lit-ry URSR, 1961. 164 p.
(DA)

BEE VENOM—THERAPEUTIC USE

Bee venom in treating infectious nonspecific (rheumatoid) arthritis [with summary in English] V A. Peritsulenko Sov med 25 no 6;94-101 Je '61.

BEES

Orzhevskii, M. D. [Bees have curative powers] Pchely lechat. [Voronezh] Voronezhskoe knizhnoe izd-vo, 1960. 62 p.
(DNLM)

BEETHOVEN, LUDWIG VAN, 1770-1827

Beethoven sonatas. D. B. Sov. muz. 25 no. 8:95 Ag '61

Krempev, B. G. [Beethoven] Betkhoven. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1961. 318 p. (Zhizn' zamechatel'nykh liudei. Serila biografii osnovana v 1933 godu M. Gor'kim, 12(320))

Two notes regarding Beethoven. N. Fishman. Sov. muz. 25 no 8:67-71 Ag '61.

BEETS, SUGAR see Sugar beets

BEKETOV, NIKOLAI NIKOLAEVICH, 1826-1911

Beketov and modern metallurgy. A. I. Beliaev. Izv. vys. ucheb zav , tsvet met. 4 no 3:153-154 '61

BELAYA KALITVA DISTRICT—MEDICINE—STUDY AND TEACHING

Work of a district hospital on training of medical personnel by correspondence O. E. Chernetskii Sov zdrav. 20 no. 7,54-58 '61.

BELAYA TSERKOV' DISTRICT—TEACHERS, TRAINING OF

Student's agricultural research. M. N. Biba. Rad. shk. 40 no. 1:59-61 Ja '62.

BELEMNITES

(see also subdivision under Caucasus)

Ecology of upper Jurassic belemnites; climatic zonation in the propagation, life habitat, mass intravital injuries. V. A. Gustomesov. Trudy MGRI 37 190-204 '61

BELGOROD PROVINCE—IRON ORES—TESTING

Using models to study the distribution of strains in a block of untouched ore with weak interlayers in the YAkovlevo deposit (Kursk Magnetic Anomaly). V. F. Trumbachev, E. M. Mel'nikov. Nauch. soob. Inst. gor. dela 5:50-56 '60.

BELGOROD PROVINCE—PEAS

High pea yields on experimental model farms. A. I. Galin. Zemledelie 23 no. 12:18-19 D '61.

BELINSKII, VISSARION GRIGOR'EVICH, 1811-1848

"Dostoevskii and Belinskii" by V. Kirpotin. Reviewed by U Gural'nik. Vop. lit. 5 no. 7,210-214 Jl '61.

Gulianov, N. A. [V. G. Belinskii and foreign aesthetics of his time] V. G. Belinskii i zarubezhnaia estetika ego vremeni. [Kazan'] Izd-vo Kazanskogo univ., 1961. 366 p.

In memory of V. G. Belinskii. E. M. Grinberg. Obshchestv. nauki v Uz. no. 7:87 '61.

"Vissarion Belinskii; his personality, ideas, and epoch" by M. Polikov Reviewed by A. Lavretskii. Vop. lit. 5 no. 8:223-229 Ag '61.

BELOYARSKOYE DISTRICT—WATER SUPPLY, RURAL

Some problems with regard to the water supply of livestock farms. K. M. Lutikov. Dokl. i soob. UNIISKH no. 4:44-49 '59.

BELTS AND BELTING

All-woven driving belts made of synthetic fibers. E. Eviteva, G. Volkov. Mashinostroitel' no. 1, 27 Ja '62.

Manufacture of conveyer belts and V-belts in Russian and foreign industries. V. P. Khabarov. Kauch. i rez. 21 no. 1:55-57 Ja '62.

BELTS AND BELTING—VIBRATION

Lateral vibrations of driving belts. S. I. Leonov. Izv. vys. ucheb. zav., mashinostr. no. 8:35-41 '61.

BENCH MARKS

New measures for controlling the corrosion of station marks and bench marks. M. S. Uspenskii. Geod. i kart. no 11:17-19 N '61.

The type of ground bench marks. M. S. Uspenskii. Geod. i kart. no. 1:27-30 Ja '62.

BENT GRASS see subdivision under White Russia

BENTHOS see subdivision under Aral Sea, Bering Sea, Black Sea region; Caspian Sea region; Don Delta, Mozhaysk Reservoir; Volga River

BENTONITE

Study of vitamin B_{12} adsorption and desorption by activated clays. IA.G.Popova. Vit.res i ikh isp no.5 112-118 '61.

BENZENE

(see also subdivision under Soviet Far East)

Adsorption and the heat of adsorption of pyridine and benzene vapors on graphitized carbon black. N.N Avgul', A V.Kiselev, I A.Lygina Izv AN SSSR.Otd khim nauk no 1 32-37 Ja '62

Automatic control of nitric acid content in the process of benzene nitration. Z E.Zin'kov, E A Budrina. Zhur. prikl.khim. 35 no.1 196 Ja '62.

Distribution of nitric acid by phases in the continuous nitration of benzene. Z.E.Zin'kov, E.A Budrina, N.G.Zakharova. Zhur.prikl.khim. 35 no 1 139-141 Ja '62.

Equilibrium composition of vapor and liquid phases of phosgene binary solutions in chlorobenzene and in 1,2,4-trichlorobenzene. N.A.Gol'dberg, V.A.Gorbushenkov. Zhur prikl.khim. 34 no 11 2577-2578 N '61.

Liquid-vapor equilibrium in the ethylene - benzene system. S.G Liubetskii. Zhur.prikl.khim. 35 no.1 141-147 Ja '62.

Production of pure cyclohexane by the catalytic hydrogenation of benzene containing thiophene. I.L.Levitskii E.A.Udal'tsova, M.G.Gonikberg. Zhur.prikl.khim. 35 no.1:204-206 Ja '62.

Reduction and electroreduction of organic substances on a platinized platium Part 1: Behavior of allylbenzene, propenylbenzene, and α-methylstyrene on a surface of a platinum electrode. A. D. Semenova and others. Vest Mosk. un. Ser. 2:Khim. 17 no. 1:49-54 Ja-F '62.

Spectroscopic study of the effect of the medium on the reactive capacity of benzene substituted. V I Danilova Izv. vys. ucheb. zav., fiz. no. 6:66-73 '61

Steric hindrance and molecule conformation. Report No. 5 Crystalline structure of hexachlorobenzene. I. N. Strel'tsova. IU. T. Struchkov. Zhur struki. khim 2 no. 3:312-326 My-Je '61.

Using the head fractions of crude benzene for producing compressed materials. E. D. Levin, I. G. Pravdivyi, L. V. Naginskaia. Koks i khim. no. 8:44-46 '61

BENZENECARBOXYLIC ACIDS

Production of benzenepolycarboxylic acids from hydrolytic lignin by oxidation with alkali permanganate. M. I. Chudakov, A. P. Krasnova. Zhur prikl. khim 34 no. 12:2754-2760 D '61.

Production of benzenepolycarboxylic acids from hydrolytic lignin by oxidation with nitric acid. M. I. Chudakova, A. P. Krasnova. Zhur. prikl khim. 34 no. 12: 2760-2764 D '61

BENZIMIDAZOLE

Change in some indexes of the functional condition of the auditory analyzer under the influence of dibazole. A. P. Velitskii. Voen.-med. zhur. no 7:79 Jl '61.

BENZOFURAN

Derivatives of benzofuran. Report No. 6. Some reactions of benzofurfuryl- and 2, 3-dihydrobenzofurfurylalkylamines. A L. Mndzhoian, M. A. Kaldrikian Izv. AN Arm. SSR Khim. nauki 14 no. 5.495-504 '61.

BENZOIC ACID

Possibility of using C^{14} benzoic acid in determining the synthetic antitoxic function of the human liver. A. A Shatalova, G. I. Meerov. Med. rad no. 1:48-52 '62.

BENZOPYRENE

Content of 3,4-benzopyrene in fish smoked with the aid of smoke generators of various types. N.D.Gorelova, P.P.Dikun. Vop.onk. 7 no.12:71-73 '61.

BENZYL ALCOHOL

Synthesis of amino acid benzyl esters. E. P. Kryain, N. A. Poddubnaia. Vest. Mosk. un. Ser. 2:Khim, 17 no. 1: 75-77 Ja-F '62.

BERANGER, PIERRE JEAN DE, 1780-1857

When verse is set to music. V. Dmitriev. Vop. lit. 5 no. 5.201 Ag '61.

BERING SEA—BENTHOS

Vertical distribution of zoogeographical complexes of benthic fauna of the continental shelf and upper horizons of the slope in the eastern part of the Bering Sea. A. A. Neiman. Okeanologiia 1 no 6:1073-1078 '61.

BERING SEA—COAST CHANGES

Some data on the postglacial transgression of the Bering Sea. F. A. Shcherbakov. Trudy Inst. okean. 48: 114-120 '61.

BERING SEA—SUBMARINE GEOLOGY

Marine geological explorations in the fishery regions of the Bering Sea. D. E. Gershanovich. Biul. Okean kom. no. 3:46-48 '61.

BERLIN QUESTION (1945-)

The policy of the "front-line city" is the policy of the "cold war." Mezhdunar. zhizn' 9 no. 2 82-86 F '62.

Social blindness. Konni Zilliacus. Mezhdunar. zhizn' 9 no. 2 68-75 F '62.

BERNSTEIN, EDUARD, 1850-1932

Revisionism and pre-evolutionary censors. T. G. Snytko Ist. arkh 7 no. 3 284-285 My-Je '61

BERNSTEIN POLYNOMIALS

Derivative of S. N. Bernstein's quasi-polynomial. G V Badalian Izv AN Arm SSR Ser fiz.-mat nauk 14 no 6 5-16 '61

Letter to the editor. G V Badalian Izv. AN Arm SSR, Ser fiz.-mat nauk 14 no 6 135 '61.

BERRIES see subdivision under Buryat-Mongolia

BERUNII, ABU RAIKHON, 973-1052

"Abu Raikhon Berunii" by M. A. Sal'e. Reviewed by U. I. Karimov. Obshchestv. nauki v Uz no. 7:65-66 '61

BERYL

Effect of a caustic soda solution on beryl surfaces during preparations for flotation I N. Plaksin, V I Solnyshkin Izv. vys. ucheb. zav., tsvet. met. 4 no 3 28-36 '61

Studying the action of sodium oleate and flotation modifiers during the flotation of beryl, spodumene, and feldspar. O S Bogdanov, Sin Vei-chzhun [Hsing Wei-chung], N.A IAnis. Trudy Mekhanobr no.128,26-36 '61.

BERYLLIUM

Be^7 concentration in the surface layer of the air and in atmospheric precipitations V. P. Shvedov, Z. G. Gritchenko, I. I. Gedeonov Atom. energ. 12 no 1:64-66 Ja '62

Beryllium today and tomorrow. B. Rozen. Znan. sila 37 no. 1:43 Ja '62

Separation of beryllium from accompanying elements by means of ion-exchange chromatography. N A Suvorovskaia, G I Lopatina Nauch soob. Inst. gor. dela 6 30-31 '60

Some angular relations of the secondary electron emission from thin beryllium films. R. B. Segal' Izv. vys. ucheb zav., fiz no. 6 27-29 '61

BERYLLIUM—ANALYSIS

Determination of beryllium in minerals and ores. N. A. Suvorovskaia, M M. Voskresenskaia, T A. Mel'nikova. Nauch. soob Inst gor dela 6:63-66 '60.

BERYLLIUM COMPOUNDS

Investigating the process of preparing a basic beryllium carbonate. V I Ganopol'skii, M A. Kolenkova, A I. Lainer. Izv vys ucheb. zav., tsvet met. 4 no. 3 75-80 '61

BERYLLIUM-ZINC ALLOYS—ELECTROMETALLURGY

Electrolytic preparation of beryllium-zinc alloys at temperatures under 1000°. L F. Nichkov, M. V Smirnov Izv vys. ucheb. zav., tsvet met 4 no. 3.105-107 '61

BESSEL'S FUNCTIONS

Akademiia nauk SSSR. Vychislitel'nyi tsentr. [Standard programs for the "Strela-3" computer] Standartnye programmy dlia mashiny "Strela-3." Moskva.

No. 3. Chistova, E. A. [Calculation of Bessel's functions] Vychislenie funktsii Besselia. 1961. 39 p.

Some special functions of the Bessel's function family and the simplest generalizations associated with them. A. B. Kharadze. Soob. AN Gruz. SSR 27 no 5:513-519 N '61.

BESSEMER PROCESS

Zaikov, S. T. [New technology in converter steelmaking] Novaia teknnologiia v konvertornom proizvodstve stali. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1961. 157 p.

BESTUZHEV, NIKOLAI ALEKSANDROVICH, 1701-1855

Great deed of Bestuzhev. Irakliі Andronikov. Ogonek 40 no. 3:26-27 Ja '62.

BET-PAK-DALA—GEOLOGY

"Cenozoic of Bet-Pak-Dala in central Kazakhstan" by K. V. Nikiforova. Reviewed by L. K. Gabuniia. Izv. AN SSSR. Ser. geol. 27 no. 1:111-113 Ja '62.

BETA RAYS

Angular distribution of β-radiation from thick-layered sources. F. K. Ivochkin, IU. IA. Sokolov. Atom. energ. 12 no. 1:53-54 Ja '62.

BETA RAYS—SPECTRA

Shape of β-spectra at different depths of the irradiated medium. K. K. Aglintsev, V. P. Kasatkin. Atom. energ. 12 no. 1:51-52 Ja '62.

BETATRON

Electrocardiographic changes in guinea pigs dying from rays generated in a 25 MeV betatron. V. P. Polkovnikova. Med rad no. 6 63-67 '61.

BETEL'MAN, ABRAM ISAAKOVICH, 1890-

Anniversary of Professor Abram Isaakovich Betel'man. Stomatologiia 39 no. 6:72 N-D '60.

BEYHAQI, ABU-al-FAZL, 996 (ca)-1077

Abu-al-fazl Beyhaqi, on the 900th anniversary of his "History." G I Kozlov Kirat. soob Inst nar Azii no 30,72-74 '61

BHARTRHARI

The "vairagya" of Bhartrihari. O F. Volkova Kirat. soob Inst nar Azii no 57 21-21 '61.

BIALOWIEZA FOREST—OAK

Dumast oak (Quercus petraea Liebl.) growing in the Bialowieza Forest. I D. Ufkevich, V A Feofilov. Sbor. bot. rab. Bel otd. VBO no. 2:229-234 '60.

BIBLIOGRAPHY

[Book chronicle.] Knizh let nos. 4-7 '62.

Brief news. Sov. bibl. no. 6:105-106 '61.

New books. Kommunist 38 no. 3:127 F '62.

[New books.] Nov. knigi nos. 3, 5-6 Ja-F '62.

[New Soviet literature on science and general research in the U.S.S.R.] Nov. sov. lit. o nauke i nauch.-issl rab. v SSSR no 11 '61.

BIBLIOGRAPHY—AFRICA

[New Soviet and foreign literature on the countries of the non-Soviet East.] Nov. sov. i inostr. lit. po strian. zarub. Vost. no. 15 '61

BIBLIOGRAPHY—AGRICULTURE

[Information bulletin of new foreign books, received by the Lenin Library. Series 2: Biological, Medical, and Agricultural Sciences] Inform. biul. nov. inostr. knig, postup. v Bibl. im. V. I. Len. Ser. 2:Biol., med. i sel'skokhoz. nauki 5 nos. 2-5 Ja-F '62.

New books. Zemledelie 23 no. 12:88-89 D '61.

New books about new developments. Kul't.-prosv. rab. 22 no. 6:6 Je '61

[New foreign books. Series V: Biology, medicine, agriculture] Nov. knigi za rub. Ser. V: Biol., med., sel'. khoz. 6 nos. 1-2 Ja-F '62.

Use the resources of the earth in a reasonable way. A. Bochever Bibliotekar' no. 2:12-15 F '62

Works of scientific institutions. Vest sel'khoz nauki 6 no 11:72, 156 N '61.

BIBLIOGRAPHY—ANDERSEN, HANS CHRISTIAN, 1805-1875

Moscow. Vsesoiuznaia gosudarstvennaia biblioteka inostrannoi literatury. [Hans Christian Andersen, a bibliography] Khans Kristian Andersen; bio-bibliograficheskii ukazatel'. Moskva, Izd-vo Vses. knizhnoi palaty, 1961. 111 p. (Pisateli zarubezhnykh stran)

BIBLIOGRAPHY—ARCHAEOLOGY

[New Soviet literature on history, archaeology, and ethnography] Nov. sov. lit. po ist., arkheol. i etn. nos. 10-11 '61.

BIBLIOGRAPHY—ART

[Literature and art of the peoples of the U.S.S.R. and foreign countries.] Lit. i isk. nar. SSSR i zarub. stran no. 1 '62.

BIBLIOGRAPHY—ASIA

[New Soviet and foreign literature on the countries of the non-Soviet East.] Nov. sov. i inostr. lit. po strian. zarub. Vost. no. 15 '61.

BIBLIOGRAPHY—ATHEISM

Scientific and atheistic literature for teachers. E. I. Turbina. Biol. v shkole no. 1:93 Ja-F '62.

BIBLIOGRAPHY—ATOMIC ENERGY

Supplement to the list of publications of the State Publishing House for Literature on Atomic Energy for 1960 and 1961. Atom. energ 12 no 1:86-95 Ja '62.

BIBLIOGRAPHY—AUTOMATIC CONTROL

New books. Priborostroenie no. 1:32-3 of cover Ja '62.

BIBLIOGRAPHY—AUTOMATION

Books, dissertations, periodicals. Stan. i instr. 33 no. 2:46-47 F '62.

Books on automation and remote control. Mash. tekh. 5 no. 7:22-25 Jl '61.

New books. Mekh. i avtom. proizv. 16 no. 1:57-58 Ja '62

Review of foreign periodicals. Mekh. i avtom. proizv. 16 no. 1:61-63 Ja '62.

Review of periodicals, December 1961. Mekh. i avtom. proizv. 16 no. 1:59-60 Ja '62.

BIBLIOGRAPHY—BOCCACCIO, GIOVANNI, 1313-1375

Moscow. Vsesoiuznaia gosudarstvennaia biblioteka inostrannoi literatury. [Giovanni Boccaccio; a bio-bibliography] Dzhovanni Bokkacchcho, bio-bibliograficheskii ukazatel'. Moskva, Izd-vo Vses. knizhnoe palaty, 1961. 72 p. (Pisateli zarubezhnykh stran)

BIBLIOGRAPHY—BIOLOGY

[Information bulletin of new foreign books, received by the Lenin Library. Series 2: Biological, Medical, and Agricultural Sciences] Inform. biul. nov. inostr. knig, postup. v Bibl. im. V. I. Len. Ser. 2:Biol., med. i sel'skokhoz. nauki 6 nos. 2-5 Ja-F '62.

[New foreign books. Series V: Biology, medicine, agriculture] Nov. knigi za rub. Ser. V: Biol., med., sel'. khoz. 6 nos. 1-2 Ja-F '62.

BIBLIOGRAPHY—BUILDING RESEARCH

Brief summaries of the more important publications of the Academy put out by the State Construction Publishing House in the first quarter of 1961. Izv. AS\A no. 2 136-139 '61.

BIBLIOGRAPHY—CARDIOLOGY

State Publishing House for Medical Literature announces the following editions for publication in 1962. Kardiologiia 1 no. 6 2 and 4 of cover N-D '61

BIBLIOGRAPHY—CARTOGRAPHY

Bibliography. Geod. i kart. no. 1 77-80 Ja '62.

Bibliography. Geod. i kart. no. 11:76-79 N '61.

Bibliography. Geod. i kart. no. 12:66-70 D '61.

BIBLIOGRAPHY—CHEMICAL INDUSTRIES

Literature on production standards and wages. Khim. prom. no. 12:875 D '61.

BIBLIOGRAPHY—CHEMISTRY

New books. Khim. v shkole 17 no. 1 91-92 Ja-F '62.

BIBLIOGRAPHY—CHEMISTRY, ORGANIC

Temnikova, T. I., and V. A. Cherkasova. [Reference literature on organic chemistry] Spravochnaia literatura po organicheskoi khimii [Leningrad] Izd-vo Leningr. univ., 1961 90 p

BIBLIOGRAPHY—CHILDREN'S LITERATURE

Bibliographical publications of provincial children's libraries during 1960 and 1961. O. I. Levina. Sov. bibl. no. 6 60-65 '61.

BIBLIOGRAPHY—COAL MINES AND MINING

From pages of journals published in July 1961. Ugol' Ukr. 5 no. 7:48 Jl '61.

BIBLIOGRAPHY—COKE

Bibliography. Koks i khim. no. 11:3 of cover '61.

BIBLIOGRAPHY—COMMUNISM

Documents and articles on the history of the CPSU as well as the history of the international labor and communist movement published in September-October 1961 in periodicals and scholarly serials Vop ist KPSS 6 no 1 214-224 '62.

Pamphlets on communism. IU. Kovtun. Vop. ekon. no. 1:138-139 Ja '62.

BIBLIOGRAPHY—COMMUNIST EDUCATION

Brief notes on new books. Polit. samoobr. 5 no. 7: 142-143 Jl '61.

BIBLIOGRAPHY—COMMUNIST PARTY OF THE SOVIET UNION

Documents and articles on the history of the CPSU as well as the history of the international labor and communist movement published in September-October 1961 in periodicals and scholarly serials Vop ist. KPSS 6 no. 1 214-224 '62.

Leninist norms of party life and principles of leadership. S. Kazakov. Bibliotekar' no. 2:8-11 F '62.

BIBLIOGRAPHY—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

"Problems of ideological work." Reviewed by G. Smirnov. Polit. samoobr. 5 no. 7:131-136 Jl '61.

BIBLIOGRAPHY—COMMUNISTS

Life is a heroic deed. N. Pliashev. Polit. samoobr. 5 no. 7:139-142 Jl '61.

BIBLIOGRAPHY—CONSTRUCTION INDUSTRY

New books. Ekon. stroi. no. 11'62 N '61.

BIBLIOGRAPHY—CONVEYING MACHINERY

Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut pod"emno-transportnogo mashinostroeniia. [Collection of abstracts of research and construction works] Sbornik annotatsii nauchno-issledovatel'skikh i konstruktorskikh rabot. Moskva, Otdel nauchno-tekhn. informatsii, 1959. 70 p.

[MICROFILM]

BIBLIOGRAPHY—CORROSION AND ANTICORROSIVES

"Corrosion and the protection of materials; and bibliography of Russian literature from 1917 to 1959." Reviewed by N. P. Popova. Sov. bibl. no. 6:68-69 '61.

BIBLIOGRAPHY—CRIMEA—HISTORY

Problems in the history of early medieval Taurica and the literature of recent years. D. L. Talis. Viz. vrem. 18:240-250 '61.

BIBLIOGRAPHY—CRIMINAL LAW

"Soviet criminal law; a bibliography of literature from 1917 to 1960." Reviewed by E. M. Popova. Sov. bibl. no. 6:65-67 '61.

BIBLIOGRAPHY—CRUSADES

History of the Crusades in works by West German historians. M. A. Zaborov. Viz. vrem. 18:291-311 '61.

BIBLIOGRAPHY—CRYSTALLOGRAPHY

List of works published in 1960 containing new data on crystalline structures. B; Organic compounds. Zhur. strukt. khim. 2 no. 3:386-392 My-Je '61.

BIBLIOGRAPHY—CZECHOSLOVAKIA

[New literature on European people's democracies and Slavic studies: Czechoslovakia.] Nov. lit. po evrop stran, nar. dem. i slav.; Chekh no 11 '61.

BIBLIOGRAPHY—CZECHOSLOVAKIA—BOTANY

"Bibliography of the flora of Czechoslovakia" [in Slovak] by Jan Futak and Karol Domin. Reviewed by S. M. Stoiko. Bot. zhur. 46 no. 8:1217-1218 Ag '61.

BIBLIOGRAPHY—DECEMBRISTS

"The Decembrist movement, a bibliography of literature from 1920 to 1959" by R. G. Eimontova. Reviewed by Z. I. Tradina Sov. bibl no. 6:52-54 '61

BIBLIOGRAPHY—DERMATOLOGY

Annotations of candidate and doctoral dissertations on problems of dermatology and related sciences defended in 1960. Vest. derm. i ven. 35 no. 12:63-67 D '61.

Summaries of candidate and doctoral dissertations on problems of dermatology and related sciences defended in 1960 T. V. Vasil'ev Vest. derm. i ven. no. 1 73-82 '62

BIBLIOGRAPHY—ECONOMICS

New books on problems in economics. Ekon. Rad. Ukr. no. 6 129-130 N-D '61

[New foreign books on the social sciences; economics, philosophy, history, international relations.] Nov. knigi za rub. po obshchestv. naukam, ekon., filos., ist., mezhdunar. otn. 5 no. 1 Ja '62.

[New foreign economic literature.] Nov. inostr. ekon. lit. no 11 '61.

[New Soviet economic literature.] Nov. sov. ekon. lit. no 36 '61

BIBLIOGRAPHY—EDUCATION

Aid for teachers. Rad. shk. 40 no. 1:91-92 Ja '62.

Bookshelf. Nar. obr. no. 1:110, 115, 117 Ja '62.

"Literature on pedagogical sciences and public education." Reviewed by I. Meseniashin. Nar. obr no. 1:111-113 Ja '62.

Published in "Vysshaia shkola." Vest. vys. shkoly 20 no 1 96 Ja '62

BIBLIOGRAPHY—ELECTRIC ENGINEERING

From professional journals. Prom. energ. 16 no. 7: 59 Jl '61.

BIBLIOGRAPHY—ELECTRIC POWER

Perusing professional journals. Prom. energ. 16 no. 6: 53 Je '61.

BIBLIOGRAPHY—ELECTRICITY ON SHIPS

Electric equipment on ships. Sudostroenie 27 no. 11:41 N '61.

BIBLIOGRAPHY—ENGELS, FRIEDRICH, 1820-1895

"Founders of scientific communism; what to read about Marx and Engels" by V. V. Mishanina. Reviewed by I. \. Levin. Sov. bibl. no 6:49-51 '61.

BIBLIOGRAPHY—ESTUARIES

Books on the hydrological regime of river estuaries prepared at the State Oceanographic Institute and published during 1956-1958. S. I. Vendrov, M. N. Kostianitsyn. Biul. Okean. kom. no. 3:94-99 '61.

BIBLIOGRAPHY—ETHNOLOGY

[New Soviet literature on history, archaeology, and ethnography] Nov. sov. lit. po ist., arkheol. i etn. nos. 10-11 '61.

BIBLIOGRAPHY—FACTORY MANAGEMENT

New books published by the State Publishing House of the Machinery Industry. Vest. mash 42 no. 1:92 Ja '62.

BIBLIOGRAPHY—FINANCE

Bookshelf. Den. i kred. 20 no. 1:93-95 Ja '62.

BIBLIOGRAPHY—FISHERIES

New literature on the fishing industry. Ryb. khoz. 38 no. 1:90-91 '62.

BIBLIOGRAPHY—FOLKLORE

"Russian folklore, a bibliography of literature from 1945 to 1959" by M. IA. Melits. Reviewed by A. D. Solmonov. Sov. bibl no. 6:67-68 '61.

BIBLIOGRAPHY—FORESTS AND FORESTRY

New books. Les. khoz. 14 no. 12:37-38, 64, 82-84, 87 D '61.

BIBLIOGRAPHY—GENETICS

Information of theses completed at the Department of Genetics and Breeding of the Leningrad University in 1959/60. Iesl. po gen. no. 1 103-104 '61.

BIBLIOGRAPHY—GEOGRAPHY

List of materials published in the periodical to teachers on topics studied in the fourth quarter of the school years. Geog. v shkole 25 no. 1:67-68 Ja-F '62.

New books and articles on geography, local lore and tourism. I. S. IUn'ev. Geog. v shkole 25 no. 1:94-96 Ja-F '62.

BIBLIOGRAPHY—GEOLOGY

Literature on geology received by the library of the Department of Geological and Geographical Sciences of the Academy of Sciences of the U. S. S. R. during November 1961 Izv. AN SSSR, Ser. geol. 27 no. 2:118-125 F '62.

Literature on geology received by the library of the Department of Geological and Geographical Sciences of the U. S. S. R. during October 1961 Izv. AN SSSR, Ser. geol. 27 no. 1 116-128 Ja '62

BIBLIOGRAPHY—GOR'KII, MAKSIM, 1868-1936

"M. Gor'kii in the Nizhegorod and Gorkiy press from 1893 to 1958; a bibliography." Reviewed by A. V. Sigorskii. Sov. bibl no. 6 58-60 '61

BIBLIOGRAPHY—HEALTH EDUCATION

"How to preserve one's health, a series of leaflets for readers in public libraries." Reviewed by G. N. Belaventseva Sov. bibl no. 6:71-72 '61

BIBLIOGRAPHY—HISTORY

Annotations Vop. ist. KPSS 6 no. 1:204-213 '62

[New foreign books on the social sciences; economics, philosophy, history, international relations.] Nov. knigi za rub. po obshchestv. naukam; ekon., filos., ist., mezhdunar. otn. 5 no. 1 Ja '62.

[New Soviet literature on history, archaeology, and ethnography] Nov. sov. lit. po ist., arkheol. i etn. nos. 10-11 '61.

BIBLIOGRAPHY—HOISTING MACHINERY

Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut pod"emno-transportnogo mashinostroeniia. [Collection of abstracts of research and construction works] Sbornik annotatsii nauchno-issledovatel'skikh i konstruktorskikh rabot. Moskva, Otdel nauchno-tekhn. informatsii, 1959. 70 p

[MICROFILM]

BIBLIOGRAPHY—HUNGARY—BYZANTINE STUDIES

Byzantine studies in Hungary from 1946 to 1959. R. Benedikti Viz. vrem 20:296-310 '61.

BIBLIOGRAPHY—HYDROLOGY

Literature on meteorology, hydrology, and oceanography published in 1961. Meteor. i gidrol no 1 60-63 Ja '62.

BIBLIOGRAPHY—INDUSTRIAL SAFETY

Literature on safety engineering. Mashinostroitel' no. 1 47 Ja '62

BIBLIOGRAPHY—INDUSTRY

New books and information materials received by the Scientific and Technical Library of the Economic Council of the Armenian S. S. R. Prom. Arm. 4 no. 11: 78-80 N '61

BIBLIOGRAPHY—INSTRUMENTS

Articles from periodicals. Priborostroenie no. 1:30-31 Ja '62.

New books. Priborostroenie no. 1:32-3 of cover Ja '62.

BIBLIOGRAPHY—INTERNATIONAL RELATIONS

[New foreign books on the social sciences; economics, philosophy, history, international relations.] Nov. knigi za rub. po obshchestv. naukam; ekon., filos., ist., mezhdunar. otn. 5 no. 1 Ja '62.

BIBLIOGRAPHY—KAZAKHSTAN—MEDICINE

"Public health and medicine in prerevolutionary Kazakhstan" by V. O. Grebenshchikov Reviewed by K. Makirov, N. Azhgaliev Sov med. 25 no. 9:153 S '61.

BIBLIOGRAPHY—KREMENCHUG HYDROELECTRIC POWER STATION

Books on the construction of the Kremenchug Hydroelectric Power Station, bibliographic list. Energ. stroi. no. 23:153-155 '61.

BIBLIOGRAPHY—LABOR AND LABORING CLASSES

Our contemporary. I. Razmanova. Bibliotekar' no. 1: 11-14 Ja '62.

Selected bibliography on the problems of labor and wages. Biul. nauch. inform. trud i zar. plata 4 no. 12: 70-72 '61.

Those who go in front. B. Viktorov. Sov. pech. no. 1: 50-52 Ja '62.

To the victory of communist labor! A. Guseva. Klub 10 no. 6:12-13 Je '61.

BIBLIOGRAPHY—LANGUAGE AND LANGUAGES

[New foreign literature on linguistics.] Nov. inostr. lit. po iaz. no. 11 '61.

[New Soviet literature in linguistics] Nov. sov. lit. po iaz. no. 11 '61.

BIBLIOGRAPHY—LATIN AMERICA—COMMUNIST PARTIES

Studies in the field of the communist and labor movement in Latin America. E. S. Dabagian. Vop. ist. KPSS 6 no. 1:164-176 '62

BIBLIOGRAPHY—LAW

Classified index of articles published in the first half of 1960 in the legal periodicals of the European people's democracies. Izv vys. ucheb. zav., prav 5 no 4:174-185 '61

Current Soviet legal literature, October-November, 1961. Sov gos i pravo 32 no. 2:154-159 F '62

BIBLIOGRAPHY—LIBRARY SCIENCE

New books Bibliotekar' no. 1:63-64 Ja '62

New books. Bibliotekar' no. 2:63-64 F '62.

BIBLIOGRAPHY—LITERATURE

[Information bulletin of new foreign books, received by the Lenin Library. Series 3. Social sciences, belles-lettres, art] Inform. biul. nov. inostr. knig, postup. v Bibl. im. V. I. Len, Ser. 3 Obshchestv. nauki, khud. lit., isk. 5 nos. 2-5 Ja-F '62.

[Literature and art of the peoples of the U. S. S. R. and foreign countries.] Lit. i isk. nar. SSSR i zarub. stran no. 1 '62.

BIBLIOGRAPHY—LITERATURE—HISTORY AND CRITICISM

[New foreign literature on the study of literature.] Nov. inostr. lit. po lit. no. 11 '61.

[New Soviet literature on the study of literature.] Nov. sov. lit. po lit. no. 11 '61.

BIBLIOGRAPHY—MACHINERY

"New books on machinery for workers", a new bibliographical publication. V. B. Petrovskii Sov. bibl. no. 6. 16-23 '61.

BIBLIOGRAPHY—MANUSCRIPTS, GREEK

"Index of libraries and catalogs of Greek manuscripts" [in French] by M. Richard. Reviewed by E. E. Granstrem. Viz. vrem. 18 287-289 '61.

BIBLIOGRAPHY—MARINE ENGINEERING

Bibliography; technical literature for seamen. Biul. tekh.-ekon. inform. Tekh. upr. Min. mor. flota 5 no. 4: 124-131 '60.

Design and operation of marine engines and boilers. Sudostroenie 27 no. 11:35, 41 N '61

Design and operation of marine engines and boilers. Sudostroenie 27 no. 12:33 D '61

From books. Sudostroenie 27 no. 12:18, 48, 64, 68 D '61.

Organization and economics of production. Sudostroenie 27 no 11:16, 56 N '61.

Organization and economics of production. Sudostroenie 27 no. 12:18, 61 D '61.

Shipbuilding and marine engineering. Sudostroenie 27 no. 11:44, 50 N '61.

Shipbuilding and marine engineering. Sudostroenie 27 no. 12 37, 41, 55 D '61.

BIBLIOGRAPHY—MARX, KARL, 1818-1883

"Founders of scientific communism; what to read about Marx and Engels" by V. V. Misharina. Reviewed by L. A Levin. Sov. bibl. no. 6:49-51 '61.

BIBLIOGRAPHY—MECHANICAL ENGINEERING

Books, dissertations, periodicals. Stan. i instr. 33 no. 2:45-47 F '62.

New books. Mekh. i avtom. proizv. 16 no. 1:57-58 Ja '62.

New books. Vest. mash. 42 no. 1:90-91 Ja '62.

Review of foreign periodicals. Mekh. i avtom. proizv. 16 no. 1:61-63 Ja '62

Review of foreign periodicals. Vest. mash. 42 no. 1:91-93 Ja '62.

Review of periodicals, December 1961. Mekh. i avtom. proizv. 16 no. 1:59-60 Ja '62

BIBLIOGRAPHY—MEDICAL COLLEGES

"Bibliographical index," Materials for a history of the S. M. Kirov Military Medical Academy. Edited by A. A Shibkova. Reviewed by N. A. Bogoiavlenskii, V. A. Nevskii Sov. zdrav. 20 no. 7:90-92 '61.

BIBLIOGRAPHY—MEDICINE

Dissertations approved by the Higher Attestation Commission in January and February of 1961. I. N. Fedorova. Terap. arkh. no. 6:117-121 '61.

[Information bulletin of new foreign books, received by the Lenin Library. Series 2: Biological, Medical, and Agricultural Sciences] Inform. biul. nov. inostr. knig, postup. v Bibl. im. V. I. Len, Ser. 2: Biol., med. i sel'skokhoz. nauki 5 nos. 2-5 Ja-F '62.

New books. Vest. rent. i rad. 36 no. 5:2 of cover S-O '61

New books. Vop. okh. mat. i det. 6 no. 6:2-3 of cover Ag '61.

New books. Vrach. delo no. 6:155-156 Je '61.

New books. Vrach. delo no. 12:151-152 D '61.

New books. Zdrav. Ros. Feder. 5 no. 12:3 of cover D '61.

New books. Zdrav. Tadzh. 6 no. 5:3 of cover S-O '61.

New books. Zdrav. Tadzh. 6 no. 6:3 of cover N-D '61.

[New foreign books. Series V: Biology, medicine, agriculture] Nov. knigi za rub. Ser. V: Biol., med., sel'. khoz. 6 nos. 1-2 Ja-F '62.

State Publishing House for Medical Literature announces the 1962 publications Biul. Ucn med sov. 2 no. 6:3-4 of cover N-D '61.

State Publishing House for Medical Literature announces the following editions for publication in 1962. Vop. kurortol. i fiz. kul't 26 no. 6 4 of cover N-D '61

State Publishing House for Medical Literature announces the following for publication in 1962. Vest. derm. i ven. 35 no 12 2 and 4 of cover D '61.

BIBLIOGRAPHY—MENSURATION

From periodicals. Izm. tekh. no. 12:65 D '61.

BIBLIOGRAPHY—METALS

New books. Metalloved. i term. obr. met. no. 1:3 of cover Ja '62

BIBLIOGRAPHY—METEOROLOGY

Literature on meteorology, hydrology, and oceanography published in 1961 Meteor. i gidrol. no. 1 60-63 Ja '62

BIBLIOGRAPHY—MICA

Nauchno-issledovatel'skii institut, sludy, asbesto-tsementnykh izdelii i proektirovaniia stroitel'stva predpriiatii sliudianoi promyshlennosti [Bibliography of manuscript reports and printed works of the Scientific Research Institute for Mica, Asbestos Cement Elements, and the Designing of Construction for Enterprises of the Mica Industry] Bibliograficheskii ukazatel' rukopisnykh otchetov i pechatnykh izdanii instituta "NIIASBESTTsEMENT." Moskva, Otdel nauchno-tekhn. informatsii, 1950. 26 p

[MICROFILM]

BIBLIOGRAPHY—MIKHEEV, VIKTOR IVANOVICH, 1912-1956

In memory of Viktor Ivanovich Mikheev. L. Shafranovskii, N. N. Stulov, V. A. Moklevskii. Zap. LGI 38 no. 2:3-8 '61.

Review of the unpublished scientific works of V. I. Mikheev. N. N. Stulov. Zap. LGI 38 no. 2:9-25 '61.

BIBLIOGRAPHY—MILITARY EDUCATION

New books. Voen. vest. 41 no. 9:126 S '61.

BIBLIOGRAPHY—MOTION-PICTURE PHOTOGRAPHY

Motion-picture photography and projection. Tekh. kino i telev. 6 no. 1:88-89 Ja '62.

BIBLIOGRAPHY—MOTION-PICTURE PHOTOGRAPHY—FILMS

Motion-picture film and its photographic processing. Tekh. kino i telev. 6 no. 1:90-91 Ja '62.

BIBLIOGRAPHY—MOTION-PICTURE PROJECTION

Motion-picture photography and projection. Tekh. kino i telev. 6 no. 1:88-89 Ja '62.

BIBLIOGRAPHY—MOTION PICTURES

Books on motion-picture technology to be published in 1962. N. D. Panfilov. Tekh. kino i telev. 6 no. 1:92 Ja '62.

BIBLIOGRAPHY—MUNICIPAL SERVICES

New books. Zhil.-kom. khoz. 11 no. 10 36 O '61.

BIBLIOGRAPHY—MUSIC

Notes on scores. Sov. muz. 25 no. 8:136 Ag '61.

BIBLIOGRAPHY—NUCLEAR PHYSICS

New literature. Atom. energ. 12 no. 2:180-187 F '62.

BIBLIOGRAPHY—OCEANOGRAPHY

Literature on meteorology, hydrology published in 1961. Meteor. i gidrol.

BIBLIOGRAPHY—ORE DRESSING

Russian and foreign publications on o Obog. rud. 6 no. 5:57-61 '61.

Soviet and foreign literature on min Obog. rud 6 no. 4:47-52 '61.

BIBLIOGRAPHY—PAPER INDUSTRY

New books. Bum. prom. 37 no. 1 1

BIBLIOGRAPHY—PASHEV, KONSTAI

"Konstantin Pashev. A bibliography and V. Bakirdzhiev. Reviewed by V zdrav. 20 no. 7:88 '61.

BIBLIOGRAPHY—PEDIATRICS

State Publishing House for Medical L its 1962 publications Pediatriia 4 D '61.

BIBLIOGRAPHY—PHILOSOPHY

New books on philosophy from institu learning. Nauch. dokl. vys. shkoly: f 196-197 '61.

[New foreign books on the social scie philosophy, history, international z za rub. po obshchestv. naukam.; eko mezhdunar. otn. 5 no. 1 Ja '62.

[New Soviet literature on philosophy. filos. no. 11 '61.

BIBLIOGRAPHY—PHOTOGRAPHY

Books on photography to be published during 1962. N. Panfilov. Sov. foto 22 no. 1:32 Ja '62.

BIBLIOGRAPHY—PHYSICS

New books. Inzh.-fiz. zhur. 5 no. 2:139-140 F '62

New literature. Atom. energ. 12 no. 2:180-187 F '62

BIBLIOGRAPHY—PIONEERS (COMMUNIST YOUTH)

"Laws of the young Pioneers, a booklet." Reviewed by M. L. Kistiakovskaia Sov. bibl no. 6:72-73 '61.

BIBLIOGRAPHY—PLAKSIN, IGOR' NIKOLAEVICH, 1900-

Works of Igor' Nikolaevich Plaksin, corresponding member of the Academy of Sciences of the U. S. S. R. Nauch. issled. inst. gor. dela 6:138-162 '60.

BIBLIOGRAPHY—PLASTICS INDUSTRY

New books Plast. massy no. 9 15 '61

BIBLIOGRAPHY—POLAND

[New literature on European people's democracies and Slavic studies: Poland.] Nov. lit. po evrop. stran. nar. dem. i slav.: Pol' no. 11 '61.

BIBLIOGRAPHY—POLYMERS

New books and articles on polymer materials. Plast. massy no. 10:77-78 '61.

BIBLIOGRAPHY—RADIO

Radio amateur books published by the All-Union Society for Assistance to the Army, Air Force, and Navy S. Tereshchenko, L. Maksimova Radio no. 2 63 F '62

BIBLIOGRAPHY—RADIO ASTRONOMY

Annotations and articles on geomagnetism and astronomy published in "Izvestiia vysshikh uchebnykh zavedenii, radiofizika," vol. 1, no. 3, 1961. Geomag. i aer. 1 no. 6:847 S-O '61

BIBLIOGRAPHY—RADIO-FREQUENCY SPECTROSCOPY

Bibliographic list of works on radiospectroscopy and its application in chemistry. Part 2. Zhur. strukt. khim. 2 no. 3:303-305 My-Je '61.

BIBLIOGRAPHY—RADIOLOGY, MEDICAL

Bibliographic sources on medical radiology. A. A. Kuznetsov. Med. rad. no. 6 60-62 '61.

Bibliographical sources on medical radiology; bibliography of foreign literature. A. A. Kuznetsov. Med. rad. no. 7 61-65 '61.

Contemporary literature on medical radiology, periodicals monographs (conclusion). Med rad no. 9 83-90 '61.

BIBLIOGRAPHY—REFRIGERATION AND REFRIGERATING MACHINERY

Books to be published in the second half of 1961. Khol. tekh. 38 no. 3:61-63, 67 My-Je '61.

New books. Khol. tekh. 30 no. 1:65-66 Ji-Ag '61.

New books. Khol. tekh. 36 no. 6:58-59 N-D '61.

BIBLIOGRAPHY—RELIGION

What, how, and why. G. Bogatova, V. Neiman. Klub 10 no. 6:37-38 Je '61.

BIBLIOGRAPHY—REMOTE CONTROL

Books on automation and remote control. Ukr. tekh. 5 no 7:22-25 Jl '61.

BIBLIOGRAPHY—RUDNYTS'KYI, IAROSLAV BOHDAN, 1910-

Mandryka, M. L. [Biobibliography of Iaroslav Rudnyts'kyi]

BIBLIOGRAPHY—SCIENCE

[Information bulletin of new foreign books, received by the Lenin Library, Series 1 Physical, mathematical, chemical, geological and geographical sciences, technology and technological sciences] Inform. biul. nov inostr. knig, postup. v Bibl. im. V. I. Len. Ser. 1 Fiz. - mat., khim. i geol. -geog. nauki, tekh. i tekh. nauki 7 nos. 2-5 Ja-F '62.

New books of the publishing house of the Academy of Sciences of the U. S. S. R. Vest. AN SSSR 32 no. 1 154-158 Ja '62

[New foreign books, Series A: Mathematics, mechanics, astronomy, physics, geophysics, chemistry, geology] Nov. knigi za rub. Ser. A: Mat., mekh., astron., fiz., geofiz., khim., geol. 15 nos. 1-2 Ja-F '62

We advise you to read. Rad. shk. 40 no. 1:32-33 Ja '62

BIBLIOGRAPHY—SHEVCHENKO, TARAS, 1814-1861

Shevchenko, T. H. [Complete collected works] Povne vydannia tvoriv. Za red. Pavla Zaitseva. Chicago, Vyd-vo Mykoly Denysiuka.

Vol. 2. [Poetry, 1843-1847] Poezii 1843-47 rr. 2 vyd. 1961. 309 p.

Vol. 14. [Index of Shevchenko's published works, first editions and special editions described in an annotated list] Pokazhchik vydan' Shevchenkovykh tvoriv, pershodruky y okremi vydannia ta spys literatury pro nykh. Zibrav i vporiadkuvav Volodymyr Doroshenko. 2., perehlianene y znachno dopovnene vydannia. 1961. 505 p.

BIBLIOGRAPHY—SHIPBUILDING

Contents of "Sudostroenie" for 1961 Sudostroenie 27 no. 12 92-91 D '61

Design and operation of ships. Sudostroenie 27 no. 11: 18, 41 N '61

Design and operation of ships Sudostroenie 27 no. 12 15 D '61.

Shipbuilding and marine engineering Sudostroenie 27 no. 12 37, 11 55 D '61

Shipbuilding and marine engineering. Sudostroenie 27 no. 11:44, 50 N '61

BIBLIOGRAPHY—SHIPS

New books. Rech. transp 20 no. 11, 43 N '61.

BIBLIOGRAPHY—SOCIAL SCIENCES

Bookshelf. Prep. ist. v shkole 17 no. 1:106-112 Ja-F '62.

[Information bulletin of new foreign books, received by the Lenin Library, Series 3: Social sciences, belles-lettres, art] Inform. biul. nov. inostr. knig, postup. v Bibl. im. V. I. Len. Ser. 3: Obshchestv. nauki, khud. lit., isk. 5 nos. 2-5 Ja-F '62.

BLIOGRAPHY—SOCIALIST COMPETITION

Books about the pioneers of the future. L. Viktorov. Mest. prom. i khud. promys. 2 no. 7 31 Jl '61.

Workers' creative initiative and activity; concise bibliographical list] Tvorcheskaia initsiativa i aktivnost' trudiashchikhsia; kratkii bibliograficheskii ukazatel'. [Moskva] Izd-vo VTsSPS, 1961 97 p.

BIBLIOGRAPHY—SOUND—RECORDING AND REPRODUCING

Sound recording and reproducing. Tekh. kino i telev. 6 no. 1:86-88 Ja '62

BIBLIOGRAPHY—STATISTICS

Statistical collections published in 1960-1961 Vest. stat. no. 1:76-77 '62.

BIBLIOGRAPHY—STOMATOLOGY

Literature. Trudy LSGMI 63:220-228 '60

BIBLIOGRAPHY—SUGAR INDUSTRY

From new technical and agricultural literature. Sakh. prom. 35 no. 11 77-78 N '61

BIBLIOGRAPHY—SURVEYING

Bibliography. Geod. i kart. no. 1:77-80 Ja '62.

Bibliography. Geod. i kart. no. 11:76-79 N '61.

Bibliography. Geod. i kart. no. 12:66-70 D '61.

BIBLIOGRAPHY—TAJIKISTAN—MEDICINE

"Medicine in Tajikistan." Edited by V. S. Vailia. Reviewed by V. A. Nevskii. Sov. zdrav. 20 no. 6:79-83 '61.

BIBLIOGRAPHY—TECHNOLOGICAL INNOVATIONS

In the world of science and technology; developments in the U. S. S. R. Prom. Arm. 4 no. 11:67-69 N '61.

BIBLIOGRAPHY—TECHNOLOGY

[Information bulletin of new foreign books, received by the Lenin Library. Series 1. Physical, mathematical, chemical, geological and geographical sciences; technology and technological sciences] Inform. biul. nov. inostr. knig, postup. v Bibl. im. V. I. Len. Ser. 1: Fiz. - mat., khim. i geol. -geog. nauki; tekh. i tekh. nauki 7 nos. 2-5 Ja-F '62.

[New foreign books. Series B: Technology] Nov. knigi za rub. Ser. B: Tekh. 6 nos. 1-2 Ja-F '62.

Present-day status of the bibliography of technical literature in foreign countries. L. V. Zal'bermints. Sov. bibl. no. 6 96-102 '61

BIBLIOGRAPHY—TELEVISION

Television. Tekh. kino i telev. 6 no. 1:83-86 Ja '62.

BIBLIOGRAPHY—TEXTILE INDUSTRY

From pages of periodicals published by economic councils Tekst. prom. 21 no. 5 90-91 My '61

BIBLIOGRAPHY—THEATER

During the coming year the publishing house "Iskusstvo" will publish Teatr 23 no. 1, 168 Ja '62.

BIBLIOGRAPHY—TRANSPORTATION, AUTOMOTIVE

Literature on automotive transporation to be published in 1962 V. M. Klennikov Avt. transp. 10 no. 1, 60-61 Ja '62

BIBLIOGRAPHY—UKRAINIAN LITERATURE

Prospective plans of publishing houses for 1962. M. K. Bohutsk'kyi, F. M. IAkovenko Rad. lit. 6 no. 1 155-159 Ja-F '62

With the literary scholars of Poltava. O. I. Danys'ko. Rad. lit. 5 no. 4, 157-158 Jl-Ag '61.

BIBLIOGRAPHY—WAR POETRY

Relationship of generations. V. TSybin. Sov. voin. 43 no. 14:36 Jl '61.

BIBLIOGRAPHY—WOODWORKING INDUSTRIES

From pages of technical and economic bulletins of economic councils Der. prom. 11 no. 1 2-4 of insert Ja '62

From pages of technical and economic bulletins of economic councils Der. prom. 11 no. 2 2-3 of insert F '62.

New books Der. prom. 11 no. 1 26-27 Ja '62

New books Der. prom. 11 no. 2:3-4 of insert F '62

BIBLIOGRAPHY—YUGOSLAVIA

[New literature on Yugoslavia.] Nov. lit. po IUg. no. 11 '61

BIBLIOGRAPHY (THEORY, METHODS, ETC.)

Bibliographies are readers' companions. N. Prokof'eva. Bibliotekar' no. 2:55-56 F '62

Creatively discuss and decide the urgent problems of bibliography. Sov. bibl. no. 6 3-6 '61.

Discussion of the draft rules for bibliographical description. T. N. Danchenko. Sov. bibl. no. 6 88-91 '61.

From a bookseller's point of view. V. O. Osipov. Sov. bibl. no. 6:83-84 '61

Practices in promoting bibliography as an aid to production. L. I. Zaderman, N. L. Rabinovich. Sov. bibl. no. 6 24-29 '61.

Strange contradiction. V. N. Denis'ev. Sov. bibl. no. 6: 80-83 '61.

BICILLIN

Bicillin-3 and its clinical use. A. F. Bliuger and others. Sov. med. 25 no. 7, 78-81 Jl '61.

Treatment of syphilis with bicillin. M. P. Frishman and others. Vest. derm. i ven. 35 no. 12:55-59 D '61.

Treatment of syphilis with bicillin-1 and bicillin-3 [with summary in English]. A. A. Brukson. Vest. derm. i ven. no. 1 36-42 '62.

Two cases of anaphylactic shock following the administration of bicillin. D. V. Pomosov, M. A. Siastikhin, I. A. Erukhin. Klin. med. no. 1 144-145 '62.

BIG BUSINESS

Volkov, M. IA. [Financial capital and financial oligarchy] Finansovyi kapital i finansovaia oligarkhiia. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 99 p.

BILE

Problem of "white" bile [with summary in English]. M. G. Badrutdinov. Biul. eksp. biol. i med. 52 no. 10 21-25 O '61

Secretory activity of the abomasum and pancreas and bile secretions in sheep. D. K. Kulmov. Fiziol. zhur. 47 no. 10:1314-1318 O '61.

BILE DUCTS—DISEASES

Levomycetin in the treatment of cholecystitis and cholangitis [with summary in English]. V. P. Sil'vestrov, A. L. IAroslavtsev. Sov. med. 25 no. 7:81-86 Jl '61.

Stenosis of the common bile duct caused by chronic pancreatitis and its surgical treatment [with summary in English]. V. Sh. Rabotnikov. Sov. med. 25 no. 9:23-28 S '61.

BILE DUCTS—RADIOGRAPHY

Cholangiography in surgery of the biliary tract. S. M. Red'ko. Sov. med. 25 no. 10:42-49 O '61.

Intravenous cholangiocholecystography and its clinical significance [with summary in English]. Z. P. Popova Sov. med. 25 no. 7 86-91 Jl '61.

BILHARZIOSIS see Schistosomiasis

BILIARY CALCULI see Calculi, Biliary

BILIARY TRACT—DISEASES

Functional state of the pancreas before and after surgical treatment of diseases of the biliary tract. E. M. Landa. Klin. med. no. 1 98-101 '62

Use of nicodine in certain diseases of the biliary tract. L. N. Dividich. Vrach. delo no. 6 17-20 Je '61

BILIARY TRACT—SURGERY

Cholangiography in surgery of the biliary tract. S. M. Red'ko. Sov. med. 25 no. 10, 42-49 O '61

BILIRUBIN

Three bilirubin fractions and the significance of their determination in the blood in liver lesions [with summary in English] Z. D. Shvartsman. Terap. arkh. 33 no. 10 55-59 '61

BILOKIN', NADIIA AVRAMIVNA, 1893-

Folk artist Nadiia Bilokin'. Oleksandr Statyva. Mystetstvo 8 no. 6 27 N-D '61.

BINDING MATERIALS

(see also subdivision under Armenia)

Basic regular processes in the formation of layers during the hardening of binding substances, and chemical methods of influencing the formation process and properties of the layers V. B. Ratinov, T. I. Rozenberg. Sbor. trud. NIIZHelezobetona no. 2:7-36 '59

Hardening of binding materials based on granulated fuel slags. A. V. Volzhenskii, K. V. Gladkikh, B. N. Vinogradov. Sbor. trud. VNIINSM no. 2:52-74 '60.

Separation of fine fractions with the help of an electron microscope. A. M. Gutkin and others. Sbor. trud. VNIINSM no. 2 130-161 '60.

Using the ultrasonic pulse method to study the kinetics of hardening of binding substances M. M. Malanta and others. Sbor. trud. NIIZHelezobetona no. 2:81-90 '59.

BIOCHEMISTRY

Important stage in the development of present-day biochemistry. N. M. Sisakian Vest. AN SSSR 32 no. 1: 94-95 Ja '62

BIOLOGICAL ASSAY

Determination of vitamin B_{12} by the bioautographic method. N. D. Ierusalimskii and others. Vit. res. i ikh isp. no. 5 110-132 '61.

Microbiological method of vitamin B_{12} determination. L. S. Kulseva. Vit. res. i ikh isp. no. 5:133-144 '61.

Technique for biological determination of the activity of vitamin B_{12} by the growth method. N. N. Erofeeva. Vit. res. i ikh isp. no. 5, 145-156 '61.

BIOLOGICAL LABORATORIES—EQUIPMENT AND SUPPLIES

Installation for the study of algae. V. E. Semenenko, A. A. Nichiporovich Vest. AN SSSR 32 no. 1:77-79 Ja '62.

BIOLOGICAL RESEARCH

(see also subdivision under Galapagos Islands)

"Electrophysiological methods in biological research" by J. Bures, M. Petran, J. Zachar. Reviewed by D. G. Kvasov. Fiziol. zhur. 47 no. 6:789-791 Je '61.

BIOLOGY

Applicability of prigogine's theorem to biology. K. S. Trincher. Biofizika 6 no. 6:750-752 '61.

"Bionics." R. Variamov. [Un. tekh. 5 no. 7:17-21 Jl '61.

BIOLOGY—ABSTRACTS

[Biology.] Ref. zhur. Biol. no. 2 Ja '62.

BIOLOGY—BIBLIOGRAPHY see Bibliography—Biology

BIOLOGY—CLASSIFICATION

Moscow. Publichnaia biblioteka. [Library and bibliographical classification; tables for research libraries] Bibliotechno-bibliograficheskaia klassifikatsiia; tablitsy dlia nauchnykh bibliotek. Moskva.

No. 6. [E Biological sciences] E Biologicheskie nauki. 1961. 139 p.

BIOLOGY—PHILOSOPHY

Historical approach to biology; some notes concerning the collection of articles "Philosophical problems in modern natural science." IU. S. Grigor'ev. Bot. zhur. 46 no. 12:1835-1837 D '61.

BIOLOGY—STUDY AND TEACHING

(see also subdivision under Bulgaria)

Let's enhance the communist education of students in connection with their study of biology. Biol. v shkole no. 1:3-6 Ja-F '62.

Method of comparison in biology lessons. Z. IA. Gornostaeva. Biol. v shkole no. 1:24-26 Ja-F '62.

Respublikanskii institut usovershenstvovaniia uchitelei. [From the work practice of chemistry and biology teachers] Iz opyta raboty uchitelei khimii i biologii. Ashkhabad, Turkmenskoe gos. uchebno-pedagog. izd-vo, 1961. 21 p. (Bibliotechka uchitelia)

Using the materials of the 22d Congress of the CPSU in teaching biology. M. I. Mel'nikov, N. V. Padalko, R. D. Mash. Biol. v shkole no. 1:12-18 Ja-F '62.

BIOPHYSICS

Problems in the future of biophysics. Biofizika 6 no.6: 625-630 '61.

BIOPHYSICS—CONGRESSES

Conference on biophysics at "Miassovo." G. A. Gileva, I. I. Poletaeva. Probl. kib. no 6 298-300 '61

First biophysics congress. A. M. Kuzin. Vest. AN SSSR 32 no. 1:96-99 Ja '62.

BIOPHYSICS—EQUIPMENT AND SUPPLIES

AB-1 automatic analyzer of biological structures. V. B. Borshchev and others. Biofizika 6 no 6 745-747 '61

BIPHENYL

Synthesis and oxidative polycondensation of 4, 4'-diethinylbiphenyl. I. L. Kotliarevskii, M. S. Shvartsberg, B. G. Kruglov. Izv. AN SSSR Otd. khim. nauk no. 1 184-185 Ja '62.

BIRDBANDING

Why do they band the birds? I. M. Sapetina. IUn. nat. no. 12:30 D '61

BIRDS see subdivision under Kara Kum Canal region, Kola Peninsula, Ukraine

BIRDS—BEHAVIOR

Biology of the goatsucker (Caprimulgus europaeus L.) during the nesting period. E. N. Derim. Sbor. rab. po ekol. i sist. zhiv. no. 1:88-91 '59.

Experiments and observations on some forest birds during the hatching period. E. N. Derim. Sbor. rab. po ekol. i sist. zhiv. no. 1:80-87 '59.

Few lines on the secrets of birds. Znan. sila 36 no. 12: 19 D '61.

Herald of a young naturalist. V. Maevskii and others. IUn. nat. no. 12 24-25 D '61.

Observations and experiments with the nesting of the song thrush (Turdus ericetorum Turt.). E. N. Derim. Sbor. rab. po ekol. i sist. zhiv. no. 1:92-100 '59.

To children about their feathered friends. V. Chernyi. Doshk. vykh. 23 no. 2:43-44 F '62

Whitebreasted watchmen. N. Nikol'skii. IUn. nat. no. 12: 31 D '61.

Wrens. Sem'ia i shkola 16 no. 12:24-26 D '61.

BIRDS—MIGRATION

Birds look at the stars. Znan. sila 36 no. 12:17-18 D '61.

BIRDS—PARASITES see Parasites—Birds

BIRDSONG

"Bird conversations" by Pavel Barto. Reviewed by V. Vetlugin IUn nat. no 1,34 Ja '62.

al-BIRUNI, 973? - 1048

Biruni's studies on the specific gravity of metals. A. M. Belenitskii. Krat. soob. Inst. nar. Azii no 44 59-66 '61

BISMUTH see subdivision under Uzbekistan

BISMUTH—ELECTRIC PROPERTIES

Change in the concentration of current carriers in bismuth caused by selenium admixtures [with summary in English]. N. E. Alekseevskii, T. I. Kostina Zhur. eksp. i teor. fiz. 41 no. 6:1722-1724 D '61.

BISMUTH PHOSPHATE

Polarographic determination of the bismuth phosphate solubility product. P. N. Kovalenko, K. N. Bogdasarov. Uch. zap. RGU 41 107-111 '58.

BIURAKAN OBSERVATORY

N. S. Khrushchev visits the Biurakan Observatory. Soob. Biur. obser. no. 29:3-6 '61.

BIURET—SPECTRA

Spectrophotometry of biuret complexes as a method for investigating polypeptides and proteins. M. I. Piekhan Khim. nauka no 1:191-241 '61

BLACK EARTH see Chernozem soils

BLACK SEA—CIRRIPEDIA

The cirriped Balanus improvisus Darwin as a factor causing corrosion of stainless steel I. B. Ulanovskii and others. Trudy Inst. okean. 49:235-241 '61.

Reaction of the cirriped Balanus improvisus Darwin of the Black Sea to reduced salinity. E. P. Turpaeva, R. G. Simkina. Trudy Inst. okean. 49:205-223 '61

BLACK SEA—DIATOMS

Variability of some diatoms of the Black Sea. A. I. Proshkina-Lavrenko. Bot. zhur. 46 no. 12:1794-1797 D '61.

BLACK SEA—DOGFISH

Develop the fisheries of the spiny dogfish. P. K. Gudimovich. Ryb. khoz. 38 no. 1:17-18 '62.

BLACK SEA—FISHERIES—RESEARCH

Hydrological and hydrochemical work of the Azov-Black Sea Fisheries Scientific Institute. D. IA. Berenbeim. Biul. Okean. kom. no. 8:35-37 '61.

BLACK SEA—FOULING OF SHIP BOTTOMS

Materials on the species of algae causing the fouling of ships in the Sea of Azov and the Black Sea K. L. Ivanova Trudy Inst okean. 49, 137-146 '61.

BLACK SEA—HYDROGEN SULFIDE

Free hydrogen sulfide and some of its conversion products in sediments of the Black Sea I. I. Volkov Trudy Inst. okean. 50 29-67 '61

BLACK SEA—HYDROLOGY

Distribution of Mediterranean waters in the Black Sea. A. K. Bogdanova Okeanologiia 1 no. 6 963-991 '61

Study of mixing processes in the Black Sea IU. A. Vladimirtsev Okeanologiia 1 no 6 976-982 '61

BLACK SEA—IRON SULFIDES

Iron sulfides, their interrelationships and transformations in sediments of the Black Sea I. I. Volkov Trudy Inst okean. 50 68-92 '61.

BLACK SEA—LAMELLIBRANCHIATA

Effect of the bivalvular mollusk Mytilus galloprovincialis L. on the corrosion of steel I. B. Ulanovskii and others. Trudy Inst. okean. 49:242-247 '61.

BLACK SEA—MARINE FOULING

Effect of fouling caused by macroscopic organisms on the corrosion of steel in the Black Sea. K. S. Arbuzova. Trudy Inst. okean 49:266-273 '61.

BLACK SEA—POLYCHAETA

Reaction of the polychaete Mercierella enigmatica Fauvel of the Black Sea to different salinity conditions E. P. Turpaeva. Trudy Inst. okean 49:187-199 '61.

BLACK SEA—POLYZOA

Effect of different salinity and temperature conditions on the growth rate of colonies of the polyzoan Lepralia pallasiana Moll. R. G. Simkina, E. P. Turpaeva. Trudy Inst. okean. 49:200-204 '61.

BLACK SEA—SHIPWORMS

Effect of different salinity conditions on the bivalvular mollusk Turedo navalis L. I. N. Soldatova Trudy Inst okean. 49:162-179 '61.

BLACK SEA—SUBMARINE TOPOGRAPHY

Exploration of the tops of submarine canyons by divers. P. A. Kaplin Okeanologiia 1 no 6 1034-1038 '61

BLACK SEA—SULFUR COMPOUNDS

Distribution of different forms of sulfur compounds in bottom sediments of the Black Sea E. A. Ostroumov, I. I. Volkov, L. S. Fomina Trudy Inst. okean 50:93-129 '61.

BLACK SEA REGION—BENTHOS

Benthic fauna in the deltas of Pontocaspian rivers. F. D. Mordukhai-Boltovskoi Trudy Gidrobiol ob-va 11 136-140 '61.

BLACK SEA REGION—DESCRIPTION AND TRAVEL

On the Black Sea. E. Don. Kul't. i zhizn' 5 no. 8:10-21 '61.

BLACK SEA REGION—URANIUM

Forms of uranium occurrence in waters of the Sea of Azov, some limans, and rivers of the Azov-Black Sea Basin M. S. Lambet, D. S. Nikolaev Dokl AN SSSR 142 no. 3:681-682 Ja '62.

BLACKTHORN

Blackthorn nectarine. H. P. Rudkivs'kyi. Nauka i zhyttia 11 no 10 38-39 O '61.

BLADDER—CALCULUS see Calculi, Urinary

BLADDER—DISPLACEMENT

Strangulated hernia in ectopia vesicae. A. A. Sivitskov, A. A. Tiurina, IU. N. Andriushin. Vest. khir. no. 5: 137-139 '61.

BLADDER—HERNIA

Strangulated hernia in ectopia vesicae. A. A. Sivitskov, A. A. Tiurina, IU. N. Andriushin. Vest. khir. no. 5: 137-139 '61.

BLADES—TESTING

Moscow. TSentral'nyi nauchno-issledovatel'skii institut tekhnologii i mashinostroeniia. [Investigating the strength of materials used for the manufacture of turbine blades] Issledovanie prochnosti materialov lopatok turbin. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroitel'noi lit-ry, 1961. 105 p. (Trudy, vol. 103)

BLAGODATNOYE (BASHKIRIA)—GOLD ORES

Increasing the recovery and the quality of concentrates in the flotation of Blagodatnoye deposit ores. F. I. Nagirniak, V. N. Popova. Trudy Uralmekhanobra no. 5: 31-52 '59.

BLAST FURNACES

Blowing-out and the operations of a blast furnace with a 2000 m^3 capacity. A. V. Zagreba, N. F. Slin'ko, G. I. Fedorenko. Metallurg 7 no. 1 8-13 Ja '62.

Hydrodynamic phenomena in blast furnace charge layers and their effect on changes in the hot blast pressure at tuyeres A. S. Kuvarkin, B. I. Kitaev, V. P. Tikhonov, Izv. vys. ucheb. zav., chern. met. 4 no. 12:27-30 '61

Role of sinter homogeneity and its fluxing on the acceleration of the blast furnace process and the improvement of sinter quality. D. G. Khokhlov. Trudy Uralmekhanobra no. 5:113-131 '59.

Some theoretical problems connected with the blowing into blast furnaces of reducing gases. N. I. Kramynthev Izv. vys. ucheb. zav., chern. met. 4 no. 12 11-19 '61.

BLAST FURNACES—EQUIPMENT AND SUPPLIES

Electric welding of copper blast furnace tuyere. N. A. Maltsev Avtom. svar. 15 no. 2 66-68 F '62

Improving working conditions in a blast-furnace plant. I. S. Beloshapka. Bezop. truda v prom. 5 no. 12 28-29 D '61.

BLAST FURNACES—MODELS

Changes in the structure of a layer under the effect of its movement. B. S. Malkov, V. K. Granovov. Izv. vys. ucheb. zav., chern. met. 4 no. 12 18-25 '61.

BLAST FURNACES—SAFETY MEASURES

Great contribution toward industrial safety P. D. Ermakov Metallurg 7 no. 1 38 Ja '62.

BLASTING

Baron, L. I., and others. [Effect of the shape of the blasting charge on the results of the explosion] Vliianie formy zariada vybrosa na rezul'tat vzryva. Moskva, TSentr. in-t tekhn. informatsii ugol'noi promyshl., 1959. 15 p.

[MICROFILM]

Baron, L. I., and V. I. Tikhomirova. [Statistical analysis of indices of large-scale blasts of vertical borehole charges in open-pit mines] Opyt statisticheskogo analiza pokazatelei massovykh vzryvov vertikal'nykh skvazhinnykh zariadov v kar'erakh. Moskva, M-vo stroit. RSFSR, 1959. 33 p.

[MICROFILM]

Blasting operations at the "Kamskoye Ust'ye" gypsum mine. P. P. Dul'tsev, M. M. Kurmanov. Vzryv. rab no. 4,113-121 '60.

"Blasting specialist" by G. M. Korovchenko. Reviewed by A. I. Romadinov. Bezop. truda v prom. 5 no. 12 37-38 D '61.

Breaking of rock during brief-delay blasting. S. A. Davydov. Vzryv rab. no 4:42-56 '60

Breaking parameters in hydraulic coal mining. V. A. Mazurov. Nauch. soob Inst gor. dela 5:32-38 '60.

Breaking the longwall face by means of blast hole holes. V. V. Mislin. Ugol' Ukr. 5 no. 7:22-24 Jl '61.

Calculation of the fracturing which arises with the introduction of boring and blasting operations G. P. Demidiuk, Vzryv. rab. no. 4:75-81 '60.

Dust formation caused by the explosion of put-on charges E. V. Solgalov. Bezop. truda v prom. 5 no. 12:23 D '61.

Efficiency of lowering the yield of oversize during primary blasting. A. E. Azarkovich, M. G. Dorokol, M. M. Kurmanov. Vzryv. rab. no. 4:104-111 '60.

Efficient degree of breaking of rock by blasting and a determination of the most economical finished fraction size B. N. Kutuzov. Vzryv. rab no. 4:82-90 '60.

Evaluation of the yield and extent of oversize according to the data of industrial accounting of the expenditures indices of secondary blasting. G. P. Demidiuk, G. S. Cherepanov. Vzryv. rab. no. 4:68-74 '60.

Lowering the yield of oversize by increasing the specific expenditure of explosive for breaking down building stone when quarrying it. L. I. Baron, Zh. K. Gambito. Vzryv. rab. no. 4:91-103 '60.

Theoretical determination of grain-size distribution when rock is broken down by explosives. E. P. Maksimova. Vzryv. rab. no. 4:16-25 '60.

Using the energy of explosives for controlled blasting and breaking of an ore body in mining flat and inclined seams. L. A. Mamsurov. Nauch. soob. Inst. gor. dela 7 58-71 '61.

Ways to improve grain-size distribution when breaking down minerals by explosives. G. P. Demidiuk. Vzryv. rab. no. 4:26-41 '60.

BLASTING—SAFETY MEASURES

Knowledge of regulations is a guarantee of safe working conditions. A. P. Cheishvili. Bezop. truda v prom. 5 no. 12:11-12 D '61.

BLASTING—TERMINOLOGY

Blasting terminology. M. N. Kosachev. Nauch. soob. Inst. gor. dela 7 142-145 '61.

BLEACHING

Machine unit for the bleaching of textile fabrics. M. I. Strakhov. Tekst. prom. 21 no. 5,69-71 My '61.

BLEACHING MATERIALS

Use of sodium chlorite for bleaching. V. M. Beil'tsov, A. A. Kharkharov. Izv. vys. ucheb. zav.: tekh. tekst. prom no. 6:108-113 '61.

BLEEDING see Hemorrhage

BLOCK BOOKS see subdivision under Tibet

BLOOD

Blood and bone marrow picture of the rabbit under normal conditions. N V Dzhibladze, N A TSintsadze. Soob AN Gruz.SSR 27 no 4 407-410 O '61

Blood picture of Azerbaijanian breeder zebus. A. I. Karaev, G. K. Kadyrov Trudy Sekt. fiziol AN Azerb. SSR 1;125-134 '60

Change in higher nervous activity and in the peripheral blood picture during prolonged gamma-ray irradiation (Co^{60}) of dogs [with summary in English] A F Makarchenko, R S Zlatin, M F Sinotina Zhur vys nerv deiat. 11 no 5 895-901 S-O '61.

Change in the thrombokinase and fibrinogen content of blood during the growth of transplantable sarcoma [with summary in English] L. Kh Garkabi. Biul eksp biol i med. 52 no 8 94-97 Ag '61.

Changes in the blood under the influence of ACTH and corticosteroid hormones L. M. Petrova. Probl gemat i perel. krovi no 11,28-33 '61

Some biochemical indices of the blood of patients with mental disorders caused by cerebral atherosclerosis and hypertension Preliminary report. I. N. Bobrova, I. S. Romanova. Trudy Gos. nauchno-issl. inst. psikh. 22 355-362 '60

BLOOD—AGGLUTINATION

Role of the hemagglutination reaction in the differential diagnosis of tuberculosis and non-tuberculous diseases A. P. Kalapata. Sov. med. 25 no. 10-20-33 O '61

Use of exudates and transudates for the preparation of standard isohemagglutinating sera A. IA. Ashkenazi. Probl. gemat i perel. krovi no 11;38-41 '61.

BLOOD—ANALYSIS AND CHEMISTRY
(see also subdivision under Tashkent)

Changes in the blood picture during the acclimatization of Brown Latvian Cattle imported into Azerbaijan [in Azerbaijani with summary in Russian] G. T. Efendiev Trudy Sekt fiziol AN Azerb. SSR 1;80-87 '60.

Composition of peripheral blood and marrow in the Transcaucasian hamster TS. I. Abakelilia and others Soob. AN Gruz. SSR 27 no. 5,619-624 N '61.

Content of principal water-soluble vitamins and carotene in fresh and preserved donor's blood. IA. B Maksimovich and others Probl gemat. i perel krovi no 2 40-42 '62.

Effect of physical exercises on the content of serum proteins, lipoproteins and total cholesterol in middle-aged and elderly persons with manifestations of arteriosclerosis [with summary in English]. L. S. Romanova, P. M. Babarin Kardiologiia 1 no 6 36-41 N-D '61.

Zinc content of blood in children of nursery age. V. A. Leonov, M. M. Korobenkova. Doki AN BSSR 5 no. 11; 515-516 N '61.

BLOOD—CIRCULATION

Bloodless method for determining the rate of blood flow in children [with summary in English]. A. A. Galstian. Pediatriia 40 no 12;27-31 D '61

Changes in blood circulation and saturation of the blood with oxygen in the acclimatization process of a person in the mountains [with summary in English]. A. N TSyrul'nikov. Biul. eksp. biol. i med. 52 no. 8-41-47 Ag '61.

Duration in blood circulation and excretion with the urine of sarcolysin C^{14} after intravenous application to rabbits [with summary in English]. M. A. Novikova, A. V Chestukhin. Biul. eksp. biol i med 52 no. 8;58-59 Ag '61.

Effect of dinitrophenol and potassium cyanide on the minute volume of the coronary blood flow and cardiac oxygen absorption [with summary in English]. I. E. Kisin. Farm. i toks. 24 no. 3;297-300 My-Je '61.

Influence of neuroplegic substances and local hypothermia in preventing shock arising in connection with prolonged compression of an extremity with a tourniquet. F. M. Danovich. Voen.-med. zhur. no 7;27-31 Jl '61.

Relationship between changes in the minute volume of coronary circulation and cardiac oxygen requirement under the influence of adrenaline, noradrenaline, ephedrine and phenamine [with summary in English] I. E. Kisin. Biul. eksp biol i med. 52 no 10.67-71 O '61.

Skvortsova, A. A., and I. I. Khrenov. [Technique for studying blood circulation, gas and energy metabolism, and pulmonary respiration in farm animals; a practical guide] Tekhnika issledovaniia krvoobrashcheniia, gazoenergeticheskogo obmena i legochnogo dykhaniia u sel'skokhoziaistvennykh zhivotnykh; prakticheskoe rukovodstvo. Moskva, Izd-vo Akad. nauk SSSR, 1961, 82 p.

State of blood circulation and respiration during clinical recovery from cavernous pulmonary tuberculosis. L. B. Akselrod. Probl. tub. no. 5;75-81 '61.

Use of radioactive chromium in determining the quantity of circulating blood and total erythrocytic mass in actually healthy subjects and in patients with erythremia [with summary in English]. A N. Tarasov. Med. rad. no. 1,45-48 '62.

BLOOD—CIRCULATION, DISORDERS OF

Capillary circulation in some diseases of the internal organs A. N. Garanian Vrach. delo no 6 145 Je '61

Change in capillary blood circulation under the action of heat stresses in endarteritis obliterans Z. M. Pulenichenko. Vrach delo no. 12;98-102 D '61.

Changes in the acid base equilibrium under the influence of strophanthin and corglycon in circulatory insufficiency [with summary in English] A. I Kabakov. Terap. arkh. 33 no. 10 38-45 '61.

Changes in the blood flow in the great vessels in angioplasty of the extremities in an experiment [with summary in English]. K. A Grigorovich. Vest. khir. no. 6-67-70 '61.

Comparative evaluation of the diuretic effect of novurite, hypothiaside, and diacarb in circulation disorders [with summary in English]. U B. Sharapov. Med zhur. Uzb. no. 9 85-89 Ag '61.

Comparative evaluation of the effect of periplocin and other cardiac drugs on circulatory insufficiency [with summary in English] F A Gruzina. Sov. med. 25 no 7 38-42 Jl '61.

Correcting circulatory disorders after loss of blood by introducing a solution of sodium lactate enriched with amino acids [with summary in English]. I. I. Starushenko. Vrach delo no 12;95-20 D '61.

Data on the characteristics of renal circulation in diffuse nephritis [with summary in English]. M. I. Frankfurt, A. K. Merzon. Terap arkh. no 6;51-61 '61.

Dynamics of gas metabolism in circulatory insufficiency [with summary in English] M. I Mikhaev. Kardiologiia 1 no 6 74-81 N-D '61.

Effect of salicylates on cardiac activity in experimental disturbance of the coronary circulation (electrocardiographic data) M. M. Shikhov and others Vrach delo no. 6 14-18 Je '61.

Indications, methods and effectiveness of oxygen therapy in circulatory insufficiency [with summary in English]. O. V. Vinogradskii. Sov. med. 25 no. 6;21-27 Je '61

Isolanide treatment of chronic circulatory insufficiency. T R. Petrova, V L. Smelova Vrach delo no 6 147-148 Je '61.

State of coronary blood circulation in patients with endarteritis obliterans [with summary in English]. B. I. Macheret. Vrach. delo no 12;93-97 D '61

Treatment of circulatory insufficiency with erysimine. F. A. Gruzina. Klin. med no. 1;29-35 '62

BLOOD—COAGULATION

Anticoagulant system in disorders of the coronary circulation [with summary in English]. V. M Panchenko. Terap. arkh. 33 no. 10 28-33 '61.

Changes in the blood coagulation system during the development and course of myocardial infarct [with summary in English]. V. N. Maliarovskii. Sov med 25 no. 8;28-33 Ag '61.

Depression of the physiological function of the anti-coagulation system as a consequence of an atherogenic diet [with summary in English]. G G. Buzna'ian and others. Biul eksp. biol, i med. 52 no. 10,76-80 O '61.

Effect of broad-spectrum antibiotics on some indices of blood coagulability and resistance of the vascular wall in rheumatic lesions of the cardiovascular system. L. P. Kuprash. Vrach. delo no. 12;82-85 D '61.

Evaluation of the Owren-Aas test as a control method in dicoumarin therapy. I. I. Birka. Klin. med. no 1-53-57 '62.

Machaboli, M. S. [Theory of the coagulation of the blood; essays on the history of the problem and some clinical methods] Teoriia svertyvaniia krovi; ocherki po istorii voprosa i nekotoryo klinicheskie metody. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1960. 142 p.

Mechanism of changes in the thromboplastic activity of the blood of white rats under the influence of high doses of vitamins C and B_{12} [with summary in English]. G. V. Andreenko, N. P. Sytina. Biul. eksp. biol. i med 52 no. 10-31-34 O '61.

"Pharmacotherapy in disorders of the coagulating system of the blood." Reviewed by B. A. Kudriashov. Biul. Uch. med. sov. 2 no. 8;42-43 N-D '61.

BLOOD—COLLECTION AND PRESERVATION

Bagdasarov, A. A., and V. A. Agranenko. [Blood service] Sluzhba krovi. Moskva, Medgiz, 1961. 178 p. (DNLM)

Mechanism of favorable action of substances from the phenothiazine series -- diprazine and ethysine -- on erythrocytes preservation in blood conservation. V. A. Leontovich, A. G. Sukhova. Probl. gemat. i perel. krovi no. 11;47-52 '61.

BLOOD—DISEASES

Phagocytic activity of the leucocytes in some diseases of the blood system. G. V. Ossobenskaia, G. S. Sel'inovskaia. Probl. gemat. i perel. krovi no.11;20-24 '61.

Protein fractions in the blood serum in some diseases of the blood system [with summary in English]. V. A. Almazov, S. V. Kannev. Terap.arkh. 33 no. 8;80-91 '61.

Study of the sequence of distribution of a stimulus in the heart in hyperkalemia [with summary in English]. V. S. Sal'manovich. Kardiologiia 1 no. 6-16-25 N-D '61.

BLOOD—EXAMINATION

Age hemogram in ascariasis in children [with summary in English]. A. D. Kleif Pediatriia 40 no 12;23-26 D '61

BLOOD—OXYGEN CONTENT

Bloodless method for determining the rate of blood flow in children [with summary in English] A. A. Galstian Pediatriia 40 no. 12;27-31 D '61.

Changes in blood circulation and saturation of the blood with oxygen in the acclimatization process of a person in the mountains [with summary in English]. A. N. TSyrul'nikov. Biul eksp. biol. i med. 52 no 8;41-47 Ag '61.

Oxyhemometric studies of atherosclerosis [with summary in English]. M. V Ignat'ev. Sov med. 25 no. 7 35-38 Jl '61.

Red blood change and oxyhemometry in myocardial infarction [with summary in English] A. S. Loginov Sov. med 25 no. 7,19-24 Jl '61

BLOOD—RADIOGRAPHY

Effect of P^{32} application on the content of glucose and water in the blood and skin of rabbits. S. I. Matushkov. Med rad. no. 7-68-69 '61.

State of the blood system in animals during injury. I. K. Petrovich. Med. rad. no. 7-58-62 '61.

BLOOD—SERUM see Serum

BLOOD—TRANSFUSION

Arterial blood transfusion in some pathological states in children [with summary in English]. G. IA. Skripko. Vop. okh. mat. i det. 6 no. 8;35-37 Ag '61.

Bagdasarov, A. A., and V. A. Agranenko. [Blood service] Sluzhba krovi. Moskva, Medgiz, 1961. 178 p. (DNLM)

Blood transfusion in compound therapy for Botkin's disease. F. K Ivanov. Vrach. delo no 6 131-132 Je '61

Blood transfusion in treating infectious nonspecific polyarthritis [with summary in English]. E. G. Pikhlak Sov. med. 25 no. 6;90-94 Je '61.

Experimental and clinical study of the effectiveness of transfusions with blood preserved with citric acid instead of acid sodium citrate. S. V. Olshanova Probl. gemat. i perel. krovi no. 11,52-55 '61.

Udin, S. S. [Selected works; problems in military field surgery and the transfusion of cadaveric blood] Izbrannye proizvedeniia; voprosy voenno-polevoi khirurgii i perelivanie posmertnoi krovi. Moskva, Medgiz, 1960. 563 p. (DNLM)

Modification of the method of intraarterial administration of blood and Petrov's solution for treatment of agonal states arising during hemorrhage complicated by shock V. K. Kulagin. Vest. khir. no. 5;24-29 '61.

Role of blood transfusion in treating thyrotoxicosis. D. A. Makar. Vest. khir. no. 6;29-30 '61.

Studies on the adaptation of transfused leucocytes A. V. Blaklin. Probl gemat. i perel. krovi no. 2 33-35 '62.

BLOOD AS FOOD OR MEDICINE

Autohemotherapy with novocaine. S. I. Dovzhanskii. Sov. med. 25 no. 7;152 Jl '61.

Hemotherapy of renal complications in patients with suppurative surgical diseases. A. S. Kukel'. Probl. gemat i perel. krovi no. 2,42-44 '62.

Treatment of gynecological sepsis by intraarterial administration of penicillin with blood and vitamins N. P. Kalashnikova Akush. i gin no. 5 95-97 '61.

BLOOD BANKS see subdivision under Uzbekistan

BLOOD CELLS

Effect of ganglion-blocking preparations on the blood picture [with summary in English]. M. P Ronova. Farm. i toks. 24 no. 3,309-314 My-Je '61.

Reaction of thrombocytes [and some other elements of the hemogram] to the action of ionizing radiations in relation to a preliminary irradiation [with summary in English]. O. S. Sorgel'. Med. rad. no 9;17-21 '61.

BLOOD DONORS

Detection of brucellosis among blood donors. E. K. Aronova, A. T. Sharifkhodzhaev, M. E. Timofeeva. Probl. gemat. i perel. krovi no. 11;60-62 '61.

BLOOD PLASMA

Changes in properties toxic to paramecia in blood plasma from rabbits and monkeys with acute radiation sickness. G. A. Dzhafarov. Med. rad. no. 9-38-45 '61.

BLOOD PLASMA SUBSTITUTES

Bagdasarov, A. A., and V. A. Agranenko. [Blood service] Sluzhba krovi. Moskva, Medgiz, 1961. 178 p. (DNLM)

Influence of protein hydrolysates on gastric secretion. L. V. Andreev. Fiziol. zhur. 47 no. 6;764-773 Je '61.

Modification of the method of intraarterial administration of blood and Petrov's solution for treatment of agonal states arising during hemorrhage complicated by shock. V. K. Kulagin. Vest. khir. no. 5;24-29 '61.

Substitution of blood in clinical practice. P. M. Makalmov and others. Vest. khir. no. 5;30-33 '61.

BLOOD PLATELETS

Cytochemistry of blood platelets in acute radiation sickness. A. A Totskaia, E. I Tsetsenova, G M Abdullaev Med. rad no 9 28-34 '61

Functional state of the thrombocytes in coronary insufficiency [with summary in English] L A Gushchina Terap arkh 33 no 10 23-28 '61.

Reaction of thrombocytes (and some other elements of the hemogram) to the action of ionizing radiations in relation to a preliminary irradiation [with summary in English] O S Sergel' Med rad. no 9 17-21 '61

Thrombocyte count in the diagnosis of cancer A. F. Krivoshchekii Vest khir no 7 30-34 '61

BLOOD PRESSURE

Arterial pressure in acute psychoses in patients with cerebral atherosclerosis G.V Stoliarov. Trudy Gos. nauchno-issl inst. psikh 22:223-232 '60.

Changes in the coronary circulation and blood pressure during stimulation of the hypothalamus region. A V. Tonkikh, A I. Il'ina, S I. Teplov Fiziol zhur 47 no. 7:801-805 Jl '61.

Dynamics of arterial pressure after total-body irradiation of rats I S Kanfor Med rad. no 1 70-72 '62

Effect of aminazine on arterial pressure in cats and dogs. A. I. Sikharulidze, V R Maisaia Vrach delo no 6 146-147 Je '61

Effect of dioquine on the arterial pressure of dogs with experimental hypertension. V. N. Mentova, Z. T. Samoilova. Khim. i med. no. 15:125-130 '60.

Effect of stimulation of the central end of the vagus nerve and the administration of acetylcholine on the blood pressure L. I. Vasil'eva Fiziol. zhur. 47 no. 7:815-820 Jl '61.

BLOOD PROTEINS

Blood protein fractions and C-reactive protein in acute myocardial infarction [with summary in English] Ch L. Kasalitsa, B. A. Onikienko Vrach. delo no 6 18-22 Je '61.

C-reactive protein in the diagnosis of some cardiovascular diseases (coronary insufficiency, rheumatism) [with summary in English]. V M. Zemskov. Vrach delo no. 6 22-26 Je '61

Change in the electrophoretic profile of blood serum proteins in acute nephritis in children [with summary in English]. V. I. Veibitskii. Sov. med. no. 8:66-71 Ag '61.

Cx-reactive protein in radiation sickness [with summary in English]. S. E. Tukachinskii, V. P. Moiseeva. Biul eksp. biol. i med. 52 no. 8:48-52 Ag '61

Diagnostic significance of the determination of C-reactive protein in some diseases of the liver G. G Lapina and others. Vrach delo no. 6:26-28 Je '61.

Differential diagnostic significance of electrophoretic study of blood serum proteins in siderosilicosis, complicated by tuberculosis. A. P. Karapata, L. I. Slutskii Probl. tub. no. 5:81-86 '61

Effect of potentiated local anesthesia, using ganglion-blocking drugs and intramuscular hexenal injections, on the total protein content and the ratios of protein fractions in blood serum in certain surgical interventions. G. K. Aliev and others. Azerb. med. zhur. no. 7 9-16 Jl '61.

Electrophoretic study of protein and lipo- and glyco-protein fractions in the blood serum in epidemic hepatitis. N. A. Zaslavskaia. Terap arkh. no. 6:41-46 '61.

Electrophoretic study of the protein composition of the blood serum in various clinical forms of chronic tonsillitis. V. N. Dziak, E. F. Bogatskii. Vest. otorin no. 6: 31-35 '61

Electrophoretic study on proteins and lipoproteids in the blood serum in dysentery [with summary in English] S. D. Polozhentsev. Sov. med. 25 no 8:71-76 Ag '61.

Importance of studying blood protein fractions in the differential diagnosis of stenocardia and myocardial infarct [with summary in English]. B. A Onikienko. Kardiologiia 1 no. 6:42-46 N-D '61.

Protein content of blood serum and colloid precipitate reactions in subacute septic endocarditis [with summary in English]. V. N. Dziak. Vrach. delo no. 12: 69-75 D '61.

Protein fractions in the blood serum and the protein-forming function of the liver in thyrotoxicosis. S. I. Rakhimov. Zdrav. Tadzh. 8 no. 6:50-52 N-D '61.

Protein fractions in the blood serum in cancer of the gastrointestinal tract before and after surgery. T. A. Kadoshchuk Vop. onk. 7 no. 5:9-16 '61.

Protein fractions in the blood serum in some diseases of the blood system [with summary in English]. V. A. Almazov, S. V. Kunaev Terap. arkh. 33 no. 8 89-91 '61.

Protein-lipoid changes in the blood in renal pathology [with summary in English]. D. N. Rozenshtein. Terap. arkh. no. 6:61-68 '61.

Rate of elimination from the body of parenteral application of serum proteins depending on species [with summary in English]. P. N. Kostiakov, Z. I. Rovnova. Biul. eksp. biol. i med. 52 no. 8:73-77 Ag '61.

Study of blood protein fractions by the electrophoresis method in coronary atherosclerosis. A. I. Chernova. Vrach. delo no. 12:28-32 D '61.

BLOOD SUGAR

Dynamics of interoceptive exchange reflexes in representatives of different vertebrate groups. Sh K Tagiev Trudy Sekt fiziol AN Azerb SSR 1:41-54 '60

Effect of aminazine on the formation of interoceptive exchange reflexes from the stomach, preliminary communication L. I. Belen'kii. Trudy Sekt. fiziol. AN Azerb. SSR 4.103-110 '60.

Effect of the stimulation of vaginal mechanoreceptors on the sugar content of blood [in Azerbaijani with summary in Russian]. V. A. Efendieva. Trudy Sekt fiziol AN Azerb. SSR 4:88-96 '60

Effect of X rays on unconditioned interoceptive exchange reflexes [in Azerbaijani with summary in Russian]. A. I. Karaev, S. A. Dzhabieva. Trudy Sekt. fiziol AN Azerb. SSR 4:38-13 '60.

Participation of the reticular formation in the regulation of the blood sugar level A. I. Karaev, G. K. Kadyrov Trudy Sekt fiziol AN Azerb SSR 4 11-22 '60

BLOOD TUMOR see Hematoma

BLOOD VESSELS

Changes in cutaneous and vascular reactions in chronic eczema at the "Kemeri" health resort [with summary in English] P.IA IAkobson Vest. derm. i ven. 35 no 12:33-37 D '61

Characteristics of the inhibition of vascular reactions during disruption of the stereotype of experimentation in dogs [with summary in English] R. A Vedenf'eva Zhur vys nerv. deiat 11 no 5 927-931 S-O '61.

Dermal vascular reactions in infectious myelitis [in Azerbaijani with summary in Russian]. R. G. Karagezov. Azerb. med. zhur. no. 7 70-74 Jl '61.

Effect of broad-spectrum antibiotics on some indices of blood coagulability and resistance of the vascular wall in rheumatic lesions of the cardiovascular system. L. P. Kupriash Vrach. delo no. 12:62-65 D '61

BLOOD VESSELS—DISEASES

Case of thromboanglitis obliterans with multiple lesions of the large and small vessels and a syndrome of liver lesions A. D. Bogdanova, M. V Vvedenskaia. Sov med 25 no 7:141-143 Jl '61

BLOOD VESSELS—PERMEABILITY

Disorder of vascular permeability in endarteritis obliterans. P. P Alekseev. Vest. khir. no. 6 70-73 '61.

Vascular permeability in dogs in acute radiation sickness [with summary in English]. R. V Leneskaia. Med. rad. no 9.26-29 '61

BLOOD VESSELS—RADIOGRAPHY see Angiography

BLOOD VESSELS—SURGERY

Changes in the blood flow in the great vessels in angioplasty of the extremities in an experiment [with summary in English]. K. A. Grigorovich. Vest. khir. no. 6:67-70 '61.

Experiences in replacing defects of the blood vessels with prostheses of combined auto-alloplastic and porous alloplastic material Gábor Bartos Vest. khir. no 7 10-14 '61

Plastic surgery of the blood vessels in operations on oncological patients. G. L. Ratner. Vop onk. 7 no 8: 8-12 '61.

BLOOD VESSELS—TRANSPLANTATION

Morphological data on plastic surgery of the blood vessels with lyophilized transplants [with summary in English]. O. R. Bogomolova. Arkh. pat. no 1.63-70 '62.

BLOOD VESSELS—TUMORS

Case of glomus tumor (Barré-Masson tumor). M. h. Makaunova Zdrav. Tadzh 8 no. 5:27-28 S-O '61.

Clinical aspects and surgical treatment of Barré-Masson disease. M. I. Levantovskii, M. A. Kornitskii. Sov. med. 25 no. 8:143-146 Ag '61

BLOOD VOLUME

Amount of circulating blood in patients with pulmonary emphysema [with summary in English]. IU. N. Shteingardt Terap. arkh. 33 no. 10:85-92 '61.

Study of the polarogram, volume of coronary blood flow and the electrocardiogram in ligation of the internal thoracic arteries in an experiment [with summary in English]. L. B. Shimelfovich. Kardiologiia 1 no. 6 31-36 N-D '61.

BLOWERS

Arc extinction in an air blast chamber. N. Z. Aronzon. Zhur. tekh. fiz. 32 no. 1.76-88 Ja '62.

Inspecting the accuracy of the assembly of the 2D100 diesel locomotive blower. K. A. Grekov. Elek. i tepl. tiaga 5 no. 12:20-22 D '61.

BMR see Basal metabolism

BOARDING SCHOOLS
(see also subdivision under Kandava, Latvia)

Improving the work of boarding schools. Nar. obr. no. 1: 122-123 Ja '62.

BOATBUILDING

The "SK-10" cutter. L. M. Krivonosov. Sudostroenie 27 no. 11.42-14, insert N '61.

BOBROV, ALEKSANDR ALEKSEEVICH, 1850-1904

"A A Bobrov, 1850-1904" by T I Anikina Reviewed by M Levit. Sov. med 25 no 10 153-155 O '61.

BOCCACCIO, GIOVANNI, 1313-1375—BIBLIOGRAPHY
see Bibliography—Boccaccio, Giovanni, 1313-1375

BODAYBO DISTRICT—GOLD MINES AND MINING

Gold punderers; to be concluded. R. Bershadskii. Ogonek 40 no. 6:22-25 F '62

BODY, HUMAN see Anatomy, Human

BODY TEMPERATURE

Comparative characteristics of leucocytic and temperature reactions of animals to radiation action [with summary in English]. N.A Volokhova. Med. rad no. 6: 53-58 '61.

Comparative characteristics of skin temperatures in dogs and monkeys in acute radiation sickness. V.V IAkovlev. Med rad. no 9 45-47 '61.

BODY TEMPERATURE—REGULATION

Effect of Matsesta baths on the thermoregulatory reflex in patients with eczema [with summary in English]. I I Pototskii, E P. Smirnova Vest. derm i ven. 35 no 12:37-42 D '61.

Perspiration and thermoregulatory reflexes in chronic trichophytosis [with summary in English]. A.N Smirnov. Vest. derm i ven 35 no. 12 49-54 D '61.

State of heat regulation in hypertension. A. E. Petruk. Vrach delo no 12:147 D '61.

Thermal regulation and febrile reaction in puppies at various stages of postnatal ontogenesis E. A Shevel'ko Fiziol. zhur. 47 no. 6:728-734 Je '61.

BOGOMOLETS, ALEKSANDR ALEKSANDROVICH, 1881-
Aleksandr Aleksandrovich Bogomolets; on his 60th birthday. C V. Mikhailovskii. Zhur ush , nos i gorl bol 21 no. 4:3-6 Jl-Ag '61.

BOGOR, JAVA—DESCRIPTION

The pearl of Java G Afrin. Az. i Afr segi. no. 1:36-39 Ja '62

BOILAS, EUSTATHIUS

Critical notes on the will of Eustathius Boilas. R. M. Bartikian. Viz. vrem. 19:26-37 '61.

BOILERS
(see also subdivision under Germany, West)

Acid washing of the heating surfaces of steam boilers before starting them. D IA. Kagan. Energ stroi no. 20 121-124 '61.

Automatic feed water regulators for DKVR type boilers Prom energ. 16 no. 7:60-62 Jl '61

Combining assembly and transportation of the blocks of a PK-33-63SP boiler. P. A Patrushev. Energ. stroi. no. 20 114-120 '61.

Evaporative capacity of DKV and DKVR boilers. Prom. energ. 15 no. 8:36 Ag '60.

Meeting on the use of natural gas in the boiler systems of industrial enterprises. M. N Pavlov, I. G. Tikhomirov. Prom. energ. 15 no. 7 56-58 Jl '60.

Mobile tubular steam boiler. A. Kazanskii, IA. Aksenov, A. Trushin. Tyl i snab. Sov. Voor. Sil 21 no 10:88-89 O '61.

Modernization of the A-5 and A- boilers. IA. S. Kirshenbaum Koshevoi Ener

Placement of th Z. M. Fe

Preventi chis'

Quan net Sha

Stati VG TM

Use N. F

BOILE

Study hea no.

BOILE

Devi boi Jl

BOILE

(see

Kalin

Pos

Mos

BOILING POINTS

Determining the boiling points of mixtures consisting of substances considerably differing by their vapor pressure. S K.Ogorodnikov, V B.Kogan, A I Morozova. Zhur prikl.khim 35 no.1 193-195 Ja '62.

BOLSHEVISM see Communism

BOL'SHOY KINEL' VALLEY—GAS, NATURAL—GEOLOGY

Carboniferous and Devonian sediments in the northwestern part of the Bol'shoy Kinel' bank M. V. Makarenko, P. E. Pchelintsev Geol nefti i gaza 6 no 1,28-32 Ja '62

BOL'SHOY KINEL' VALLEY—PETROLEUM GEOLOGY

Carboniferous and Devonian sediments in the northwestern part of the Bol'shoy Kinel' bank. M. V. Makarenko, P E Pchelintsev. Geol nefti i gaza 6 no 1,28-32 Ja '62

BOL'SHOY LYAKHOV ISLAND—PLANT COMMUNITIES

Seasonal dynamics of plant associations in the Arctic. V. D. Aleksandrova. Probl. Sev. no. 4,59-74 '61.

BOMB RECONNAISSANCE

Elimination of dangerous explosive objects. A. Morin Voen. vest. 11 no. 7:98-99 Jl '61

BOMBARDMENT WITH PARTICLES see Collisions (Nuclear physics)

BOMBS, INCENDIARY see Incendiary bombs

BONDS, CHEMICAL see Chemical bonds

BONES

New rapid method for determining the content of Sr^{90} in the bones [with summary in English]. M. M Golutvina and others Med. rad. no 1,62-67 '62

Radiochemical method for determining glycine-C^{14} and $Ca^{45}Cl_2$ in a mixture of calcified tissues [with summary in English]. A A Prokhonchukov, Liu Dun-sin' (Liu Ting-hsin). Med rad. no 7 70-72 '61

Some peculiarities of the postembryonic changes of skeleton in passerine birds. V D. Il'chev Vest. Mosk un. Ser. 6. Biol., pochv. 17 no. 1:3-12 Ja-F '62

BONES—DISEASES

Bone changes in chronic intoxication with olefins and vinyl chlorides. N A Smirnova Vest rent. i rad 36 no 5 63-66 S-O '61.

Some problems in the X-ray study of occupational changes in the bones and joints [with summary in English] A. A Lemberg Vest rent i rad 36 no 5 9-16 S-O '61

BONES—RADIOGRAPHY

X-ray picture of changes in the osteoarticular apparatus in psoriasis G Kh. Kogan Klin med no. 1 116-123 '62

BONES—TUBERCULOSIS

Detecting patients with osteoarticular tuberculosis N. G. Tolmachev. Zdrav Tadzh 8 no 6,7-8 N-D '61

Treatment of patients with combined forms of lung and bone tuberculosis [with summary in English]. B. T. Pushkarenko. Vest khir no. 5:38-42 '61.

BONES—TUMORS

Effect of X-ray irradiation on the development of an intraosseous transplanted tumor of the rat strain R. D. Mikitenko, L. A. Baran. Vrach. delo no 12,23-28 D '61.

Pathomorphological changes in telegamma therapy of osteogenic sarcomas [with summary in English]. E. D Savchenko, G G. Mitrov. Med. rad. no 7:3-9 '61.

BONUS SYSTEM

(see also subdivision under Bulgaria)

Bonuses to the workers of state-farm trusts. Biul. Gos. kom. po vop. truda i zar. platy no. 10:21-24 '61.

Instructions on the order for paying bonuses to workers in planning and engineering organizations. Biul. Gos kom. po vop. truda i zar platy no 10:9-17 '61

Introducing partial amendments to the standard regulation on bonuses for managerial, engineering and technical personnel in enterprises of ferrous metallurgy Biul. Gos. kom po vop. truda i zar. platy no 10:18 '61.

On the order for paying bonuses to the workers of locomotive and train crews for the operation of heavy trains. Biul. Gos kom. po vop truda i zar. platy no 11: 16 '61.

Paying bonuses to engineers, technicians and office employees for reducing production costs. A. Kharas, F. Anson. Biul. nauch. inform.-trud i zar. plata 4 no. 9:28-33 '61.

Standard regulations on bonuses to managerial, engineering and technical personnel of enterprises and organizations belonging to the All-Union Association of the Council of Ministers 'Soiuzsel'khoztekhnika." Biul. Gos. kom. po vop. truda i zar. platy no. 11:12-15 '61.

Supplement to regulation No. 705/19, September 11-17, 1959 of the State Committee on Problems of Labor and Wages of the Council of Ministers of the U S. S R. and the Presidium of the All-Union Central Council of Trade Unions. Biul. Gos. kom. po vop. truda i zar. platy no. 11: 17 '61.

Supplement to the list of occupations of managerial and operational workers entitled to bonuses in state wholesale trade organizations and enterprises. Biul Gos. kom. po vop truda i zar platy no 11:18 '61

Supplement to the list of occupations of managerial, engineering and technical personnel entitled to bonuses in construction and assembly work on capital repairs Biul. Gos. kom po vop. truda i zar platy no 10;19 '61.

Supplement to the list of occupations of managerial, engineering and technical personnel entitled to bonuses in geological organizations. Biul Gos. kom. po vop truda i zar. platy no. 10 20 '61

BOOK SCORPIONS see subdivision under Georgia

BOOKBINDING see subdivision under Leningrad

BOOKS

(see also subdivision under Karakhoto, Mongolia)

"The book, studies and materials " Reviewed by I. IA. Kahanov Rad lit 5 no. 4:148-151 Jl-Ag '61

BOOKS—STATISTICS

Conference of statisticians of the press. V. S. Samuilov. Sov. bibl no 6 85-88 '61.

BOOKS AND READING

Books read at the appropriate age B Sarnov. Vop lit. 5 no 8-39-60 Ag '61

BOOKS FOR CHILDREN see Children's literature

BOOKSELLERS AND BOOKSELLING

The book trade is an important section part of ideological work. V. Lebedev. Tyl i snab Sov. Voor. Sil 21 no. 10 26-27 O '61.

We should help the book trade. M. Sosunov. Komsom. zhizn' no 13 30 Jl '61.

BOOT AND SHOE INDUSTRY see Shoe industry

BOOTS AND SHOES

New method of numbering the lasts. K. I. Chentsova Kozh.-obuv. prom. 3 no. 12:10-13 D '61.

BOOTS AND SHOES—REPAIRING

Device for repair of boot tops of artificial leather. IU Solopov Tyl. i snab Sov. Voor. Sil 21 no 11 32 N '61

Organizing clothing and shoe repair. IA. Barinov. Tyl i snab. Sov. Voor. Sil 21 no. 12 61-67 D '61.

BOOTS AND SHOES, RUBBER

Development of rubber footwear manufacture during the period from the 20th to the 22d Congress of the CPSU. I. I. Zaitsev Kauch i rez. 20 no 11,1-3 N '61.

High-quality rubber soles for mountaineering and tourism footwear. T. P. Shvetsova, B. A. Safral. Kozh.-obuv. prom. 3 no 12:19-21 D '61.

Problems in the development and improvement of the hot vulcanization method of shoe manufacture I. A Veinberg. Kozh.-obuv prom 3 no 11 28-29 N '61

BORDER GUARD

(see also subdivision under Armenia)

Soviet frontier guards in the first days of the Great Patriotic War. Submitted by IU. K. Strizhkov, V. A. Cherviakov. Ist arkh. 7 no. 3:76-102 My-Je '61.

BORDULIAK, TYMOFII, 1863-1936

T. Borduliak in literary criticism. L. S. Lysenko. Nauk. zap. Stan. derzh. ped inst. vol. 4:193-206 '60.

BORERS (INSECTS)

Borers (Coleoptera, Buprestidae) hitherto unknown in the fauna of the U.S.S.R. A. V. Alekseev. Shor. rab. po ekol. i sist. zhiv. no 1:28-30 '59.

Classification key for borers of the genus Agrilus Curtis (Coleoptera, Buprestidae) in the European part of the U.S.S.R. A. V. Alekseev. Shor. rab. po ekol. i sist. zhiv. no. 1:3-25 '59.

Recent data on the synonymics of borers of the genus Agrilus Curtis (Coleoptera, Buprestidae) from the fauna of the U.S.S.R. and the Chinese People's Republic. A. V. Alekseev Shor. rab. po ekol. i sist. zhiv. no. 1,26-27 '59.

Wood boring insects and their control. Nauka i zhyttia 11 no. 10 62 O '61.

BORIC ACID

Interaction between the organosilicon compounds containing vinyl groups directly linked to silicon atoms and boric and phosphoric acids and phosphoric anhydride. A. P. Kreshkov, D. A. Kuratcev, V. Flurst. Zhur. prikl. khim 34 no 12:2711-2716 D '61.

BORING

(see also subdivision under Al'met'yevsk region; Kinel'-Cherkassy District; Leninogorsk region, East Kazakhstan Province; Stavropol Territory)

Bases of an efficient method of tapping and testing layers in the process of drilling test holes. G. S. Gazian. Geol nefti i gaza 6 no. 1:48-52 Ja '62.

Boring of the bottom of the Pacific Ocean and the Mohole Project O. V. Kol'man Okeanologiia 1 no. 5:1103 '61.

Choice of efficient drilling parameters in carrying out development workings. E S. Vatolin Vzryv. delo no 46/3 29-33 '61.

Combustion drilling. L. Gelman. Otv. na vop. rab. no. 12 20-24 '61

Comparative power consumption of various drilling methods. V. I. Dusev Vzryv delo no. 46/3:53-66 '61

Drilling holes with high strength shot using forced methods M V Gagulin Vzryv delo no 46/3:121-138 '61

Effect of certain factors on the net rate of percussive-rotary drilling G A Berishvili Vzryv. delo no. 46/3 34-52 '61

Effect of the ring system for cooling a thermal drill with water and liquid fuel on rock breaking. A. N. Moskalev. Izv vys ucheb zav. gor. zhur. no. 11:72-75 '61.

Mechanism and energy characteristics of the rock breaking process in percussion drilling. A. D. Pashkov, P. Trofimov Vzryv. delo no 46/3 10-20 '61.

Relation of the net and total drilling rates to the diameter of the holes. D. M. Bronnikov. Nauch. soob. Inst. gor. dela 5:97-100 '60

Relationship between the cutter diameter and the rate of drilling holes with hand-held electrodrills. N. G. Mikhailov. Nauch. soob Inst. gor. dela 5:93-96 '60.

Study of rock breaking in percussion drilling. K. I. Ivanov and others Vzryv delo no. 46/3 21-28 '61.

Study of rock breaking in thermal drilling. A. P. Vasil' and others Vzryv delo no. 46/3 79-87 '61.

Study of the effect of drilling techniques on the working parameters of drills. K V Pavlov, V A. Latyshev. Vzryv. delo no. 46/3 67-78 '61

BORING MACHINERY

(see also subdivision under Krivoy Rog Basin; Ural Mountain region)

Automatic feed drilling rigs for stoping V. Sh. Sharipov Vzryv delo no. 46/3 239-251 '61

"BSSh" drilling rig with automatic control of the drilling process. Ill. A Nankin Vzryv delo no. 46/3:106-120 '61.

BU-1 rotary-percussion drilling rig. N I. Ivanov. Vzryv delo no 46/3 210-221 '61

Bit sizes and types for drilling holes with air drills. V L. Nevskii, P F Trofimov Vzryv. delo no. 46/3: 225-231 '61.

Comparative evaluation of the capacity of drilling rigs. A.G. Smirnov. Nauch. zap. Ukrnilproekta no. 2:133-1 '60.

Design and manufacture of tapered threaded joints of turbodrills and electrodrills. N. D. Shcherbiuk. Trud VNIIBT no. 3:111-123 '61.

Effect of the height of the tool's fall and its weight on the efficiency of cable drilling rigs. K. I. Ivanov, V. O Mal'chonok Vzryv. delo no. 46/3:98-105 '61.

Efficient ratio between drilling bit and pipe sizes. A. N. Shantgin. Neft. khoz 39 no. 9 21-26 S '61.

Mechanism for turning boring rods. V. G. Ermakov, V. I. Abramov. Bezop. truda v prom. 5 no. 12:31 D '61.

Rotary drilling of holes. P. N. Budin. Vzryv. delo no 46/3 203-210 '61.

Strolan, A. E. [Principles of designing drill columns] Osnovy rashchota buril'nykh kolonn Moskva, Gos. nauchno-tekhn. izd-vo neft i gorno-toplivnoi lit-ry, 1961. 171 p.

Study of the performance of perforators and of the tool in drilling with a dust exhaust. K V. Pavlov. P. F. Trofimov. Vzryv. delo no. 46/3,202-210 '61.

Study of wear of bearings of standard bits. A. S. Mokshi Trudy VNIIBT no. 3:18-20 '61.

Theoretical basis for designing the principal angles of a drilling tool for the UZTM-type rig. D. S. Murav'ev, L. G. Podoliako. Nauch. soob Inst. gor. dela 5:75-89 '60.

Ways of improving bits for BA-100 air percussion drilling rigs. A. I. Belov and others. Vzryv. delo no. 46/3: 232-236 '61.

Ways of increasing the rotative moment of electrodrills F. N. Pomenko. Trudy VNIIBT no. 3:89-110 '61.

BORING MACHINERY—ATTACHMENTS

Efficient types of air-regulating devices for air-feed drills. G. I Kusnitsyn. Vzryv delo no. 46/3:252-262 '61.

BORING MACHINERY—NOISE

Controlling noise in drilling with perforators. B. IA. Konogrel. Vzryv. delo no. 46/3 171-184 '61.

BORING MACHINERY—TESTING

Devices for checking the insulation of electrodrills. V. P. Variamov. Trudy VNIIBT no. 3:83-88 '61.

Results of testing hard-faced bits in combination drilling with hydrodrills. I. I. Farafonov, B. G. Vasil'ev. Nauch. zap. Ukrnilproekta no. 2:141-151 '60.

BORISLAV REGION—CERESIN

Comparative study of the group hydrocarbon composition of Borislav ceresin from adsorption and sulfuric acid refining. B. K. Sheremeta. Nauch. zap. Ukrnilproekta no. 4 121-131 '61.

BOROHYDRIDES

Synthesis of sodium and potassium borohydrides by the reduction of boron halides with sodium and potassium hydrides in the presence of triethylaluminum. I. I Zakharkin, V V Gavrilenko Izv AN SSSR Otd khim nauk no 1:173-174 Ja '62

BORON BROMIDE

Synthesis and purification of boron bromide and iodide. B N.Ivanov-Emin, L.A.Nisel'son, I V Petrusevich. Zhur.prikl khim 34 no 11 2378-2384 N '61.

BORON COMPOUNDS

Investigating the reactions taking place during the production of alkaline earth hexaborides by carbon reduction N.V.Vekshina, L.IA Markovskii Zhur. prikl khim 35 no 1:30-37 Ja '62.

BORON HALIDES

Synthesis of sodium and potassium borohydrides by the reduction of boron halides with sodium and potassium hydrides in the presence of triethylaluminum. I.I Zakharkin, V V.Gavrilenko Izv.AN SSSR,Otd khim nauk no 1 173-174 Ja '62.

BORON IODIDE

Synthesis and purification of boron bromide and iodide. B.N.Ivanov-Emin, L.A.Nisel'son, I.V.Petrusevich. Zhur.prikl.khim. 34 no 11:2378-2384 N '61.

BORZDUKHA, GALYNA STEPANIVNA

Excellent replacement. I. Prokhorenko. Doshk. vykh. 23 no 1:20 Ja '62.

BORZHOMI DISTRICT—MINERAL WATERS

Subaqueous intestinal lavage with Borzhomi mineral water in chronic colitis. M. P Tvauri. Terap arkh 33 no 8: 50-52 '61.

BORZHOMI DISTRICT—MINERAL WATERS—PHYSIOLOGICAL EFFECT

Effect of aerated Borzhomi water on the excretory function of the kidneys. N A.Tiulenev. Vop.kur., fizioter i lech.fiz.kul't 26 no 6:503-509 N-D '61.

BOSTANDYK DISTRICT—FRUIT TREES

Ecological conditions of the growth of nut and fruit tree forests in Bostandykskiy district, Uzbekistan [with summary in English]. R. S. Vernik. Bot. zhur. 46 no 12. 1766-1773 D '61

BOSTANDYK DISTRICT—NUTS

Ecological conditions of the growth of nut and fruit tree forests in Bostandykskiy district, Uzbekistan [with summary in English] R. S. Vernik Bot. zhur 46 no. 12: 1766-1773 D '61.

BOSTON—SUGAR MANUFACTURE

New Domino Sugar Refinery in Boston (from "Sugar y Azucar," No 6, 1961). G. S. Benin. Sakh. prom 35 no. 11 72-74 N '61.

BOTANICAL CHEMISTRY

Biologically active substances of vegetable origin. A. Fedorov, G. V. Pigulevskii. Vest. AN SSSR 32 no 1:62-67 Ja '62.

BOTANICAL GARDENS see subdivision under Karaganda

BOTANICAL RESEARCH

(see also subdivision under China, Kazakhstan; White Russia)

Botanical problems in the light of decisions of the 22d Congress of the CPSU. Bot zhur. 46 no. 12:1-11 D '61.

BOTANY see subdivision under Afghanistan; India, Kaluga Province; Kazakhstan; Khanka Plain; Latvia; Minsk region, Pavlodar Province; Turkmenistan

BOTANY—CLASSIFICATION

(see also subdivision under Kazakhstan)

Principal zonal types of the northern Kazakhstan steppe vegetation T. I. Isachenko, E. I. Rachkovskaia. Trudy Bot. inst. Ser. 3 no 13:133-307 '61.

BOTANY—DICTIONARIES

"Russian-English-German-French-Latin botanical dictionary." Reviewed by Lowe. Bot. zhur. 46 no. 12: 1837-1839 D '61

BOTANY—ECOLOGY see subdivision under Crimea; Repetek Desert Preserve

BOTANY—EMBRYOLOGY

Embryologic investigation of the Chinese mustard (Brassica juncea Czern.). G. M Il'ina. Vest. Mosk un. Ser. 6: Biol., pochv. 17 no. 1:34-45 Ja-F '62.

BOTANY—MORPHOLOGY

Ecological historical analysis of morphogenetic processes in the sainfoin genus [with summary in English]. I. M. Kul'tiasov. Bot. zhur. 46 no. 12:1740-1758 D '61.

Morphogenesis of the Alpine forget-me-not. I. P. Ignat'eva. Bot. zhur. 46 no. 8:1194-1202 Ag '61.

BOTANY—NOMENCLATURE

Index of the latin names of plants. Trudy Bot. Inst. Ser. 3 no 13,515-525 '61

BOTANY—STUDY AND TEACHING

Independent work of students on botany. M. M. Levina. Biol v shkole no 1:26-29 Ja-F '62

BOTANY—VARIATION

Dwarf form of radish [with summary in English] S. I Narbut Issl. po gen no. 1 43-49 '61

BOTANY, ECONOMIC see subdivision under Sayan Mountains, Tukshinskoye Belogor'ye

BOTANY, ECONOMIC—RESEARCH see subdivision under Sayan Mountains

BOTANY, MEDICAL see subdivision under Siberia

BOTTLING MACHINERY

Bottling liquid freon. V. P. Vinsov. Khol. tekh. 38 no. 5 60-61 S-O '61.

BOUCHER, FRANÇOIS, 1703-1770

Boucher's sketch of "History" for a wall decoration above a door. I. Novoselskaia Soob Gos. Erm no. 20: 40-42 '61.

BOUNDARY LAYER

Local redistribution of the total energy in the boundary layer of a compressible gas near the surface of a burning body L. A Vulis, V. P Kashkarov. Zhur. tekh. fi 31 no 12 1477-1484 D '61.

BOUNDARY VALUE PROBLEMS

Boundary value problem for Poisson's equation. A I. Khustaiev Izv. vys. ucheb. zav ;mat no. 1:180 '62

Inverse scattering problem for a one-dimensional Schrödinger equation on the entire axis [with summary in English]. V. Buslaev, V Fonin. Vest LGU 17 no 1 50-64 '62.

Neumann's singular elliptic problem for Tricomi's equation. L. Volfersdorf. Izv. vys ucheb. zav ;mat. no. 1:14-19 '62.

Perturbations of the continuous spectrum of a singular elliptic operator due to changes in the boundary or in boundary conditions [with summary in English]. M.Sh. Birman. Vest LGU 17 no. 1 22-55 '62

Solution of the fundamental boundary value problem for a fourth order polyharmonic equation *on a surface* using the method of potentials. Part 4. O. I. Panich Izv. vys. ucheb. zav. ;mat. no. 1:118-129 '62

Some problems of the torsion of shafts of varying cross section with mixed boundary conditions A. A. Babloian, V. S. Tonoian Izv AN Arm. SSR, Ser fiz -mat. nauk 14 no. 6 49-63 '61

Using Fourier's method for solving a boundary value problem for the equation $u_{yy}+K(y)u_{xx}=0$ with data on the characteristics and line of degeneration [with summary in English] I.A Bliumkina Vest.LGU 17 no. 1 111-115 '62

BOX ELDER

Ecology of the flowering and fruiting of box elder and its hybrids. M. A. Beskaravainaia Bot. zhur. 46 no. 8: 1171-1177 Ag '61.

BOXES

Rotating production lines for the manufacture of box containers V. P Lebedev. Der. prom. 11 no. 2 12-13 F '62.

BOZHII, M.

Portraits by M. Bozhii. A. Kotin. Iskusstvo 24 no. 12: 26-29 '61

BRACHIOPODA, FOSSIL

Study of the Camarophoria King genus and associated Brachiopoda. B.K.Likharev. Inform. sbor VSEGEI no. 42:5-18 '61.

BRAILOWSKY, ALEXANDER, 1896-

Pianists. Sekar, Metislav Smirnov. Sov. muz. 25 no. 8:99-100 Ag '61.

BRAIN

Afferent connections of the caudate nucleus. S. M. Dutkhuzi. Soob. AN Gruz. SSR 27 no. 6:613-618 N '61.

Changes in the respiration intensity of brain tissues in rabbits following fractional gamma irradiation. V. A. Kukushkina. Dokl. AN BSSR 5 no. 12:572-574 D '61.

Characteristics of the metabolism of glycogen fractions of the brain in fractional X irradiation of animals. T. M. Mironova, F. D. Koldobskaia. Dokl. AN BSSR 5 no. 12:575-578 D '61.

Comparative and physiological data on the function of the reticular formation [with summary in English]. L. G. Voronin. Zhur. vys. nerv. delat. 11 no. 5 795-805 S-O '61

Dependence of the tonus of the reticular formation of the brain stem to the endocrine functions of the thyroid gland. A. M. Marits. Fiziol. zhur. 47 no. 10:1235-1240 O '61.

Effect of analgesics on the reactive potentials of the afferent systems of the brain [with summary in English] L. N. Sinitsyn Farm. i toksi 24 no. 3:259-267 My-Je '61.

Effect of the duration of rhythmic light flashes and the intervals between them on the reproduction of rhythms by the human brain. V A Ilyinok. Biofizika 6 no 6 711-716 '61

Effect of unilateral stimulation of the caudate nucleus on conditioned response V M Mosidze. Soob. AN Gruz. SSR 27 no. 4:179-185 O '61

"Interesting and necessary book on theoretical problems of the structure and activity of the brain." Reviewed by P. P. Bondarenko, M Kh. Rabinovich. Vest. AMN SSSR 16 no. 6:88-91 '61

Leningrad, Pervyi Leningradskii meditsinskii institut [Studies on the pharmacology of the reticular formation and of synaptic transmission] Issledovaniia po farmakologii retikuliarnoi formatsii i sinapticheskoi peredachi Sprecdist. V.V Zakusova. Pod red A V Val'dmana. Leningrad, 1961. 431 p (Sbornik trudov kafedry farmakologii) [With summaries in English]

Localization of the ganglionic cells in the retina of the eye, transmitting impulses to the external geniculate bodies or to the anterior tubera of the corpora quadrigemina [with summary in English] B. N. Klosovskii, Zh. M. Kukhtina. Vop. neirokhir 25 no 1:21-26 '61.

Mechanism of the influence of the reticular formation on responses from the visual region of the cerebral cortex [with summary in English] E. S. Moniava, D V Kudzhaia, S. P. Narikashvili Zhur vys nerv. deiat 11 no 5 868-877 S-O '61

Method for chronic implantation of electrodes in the rostral section of the reticular formation in dogs A. M. Marits. Fiziol zhur. 47 no 7:924-926 Jl '61

Oncological activity of brain filtrates from the cadavers of patients with acute leukemia. D. M. Levina, V. A. Parnes. Vop. onk. 7 no. 1 13-19 '61.

Participation of the reticular formation in the regulation of the blood sugar level. A. I Karnaev, G. K Kadyrov. Trudy Sekt fiziol. AN Azerb. SSR 4:11-22 '60

Priority in developing the method of stereotaxis. R. M. Meshcherskii. Fiziol zhur 47 no. 6:786-788 Je '61.

"Problem of brain development and the effect of harmful factors on it." Reviewed by I. O. Giuliula. Vrach delo no. 12:151 D '61.

"Problems of brain development and the effect on it of harmful factors." Reviewed by N. M. Shchelovanov Vest. AMN SSSR 16 no 6:93-94 '61.

Some normal and pathological properties of neural processes in the brain P S Kupalov Zhur vys. nerv delat 11 no 5 769-775 S-O '61.

Some problems in the pathogenesis of traumatic and anaphylactic shock V. I Popov and others Voen -med zhur no. 7:25-27 Jl '61

Sorption properties of brain tissue in newborn and adult rats [with summary in English]. I V Markova. Byul eksp. biol. i med. 52 no. 8:110-111 Ag '61.

BRAIN—ABSCESS

Role of cerebral angiography in the diagnosis of otogenic abscesses of the temporal lobe ["Otolaryngologia Polska," No. 2, 1960]. Zhur. ush., nos i gorl bol. 21 no. 4:93 Jl-Ag '61.

BRAIN—BLOOD SUPPLY

Significance of anastomoses among ramifications of the external and internal carotid arteries for the blood supply of the brain [with summary in English]. A M Blinova, N. M. Ryzhova. Biul. eksp. biol. i med. 52 no. 8:3-8 Ag '61.

BRAIN—BLOOD-VESSELS—DISEASES see Cerebrovascular disease

BRAIN—CANCER

Combination of histogenetically different malignant tumors of the brain and parotid gland. A. I. Pachesa, S. Kh. Khamitov. Vop. onk. 7 no. 5:85-88 '61.

BRAIN—CONCUSSION

Combined treatment of concussion of the brain with promedol. Z. Kh. Ikramov. Vrach delo no. 12:148-149 D '61.

BRAIN—DISEASES

Differential diagnosis of vascular and tumoral diseases of the brain in aged patients D IA. Kagan, S. A. Rovinskaia. Vrach. delo no 6,152 Je '61

Importance of electroencephalography in the differential diagnosis of focal lesions of the brain, conditioned by hypertension and atherosclerosis A. M. Pulatov. Zdrav. Tadzh 8 no. 5:13-17 S-O '61

Treating traumatic edema of the brain with novocaine. A. D. Gagulashvili, V. R. Maisaia. Soob. AN Gruz. SSR 27 no. 4:491-496 O '61.

BRAIN—HEMORRHAGE

Differential diagnosis of subarachnoidal hemorrhage and otogenic intracranial complications. F. F. Bogatskii. Zhur. ush., nos. i gorl. bol. 21 no. 5 75-77 S-O '61.

Hemorrhages into the cerebellum [with summary in English]. L. S. Soskin. Sov med. 25 no 7:104-109 Jl '61.

BRAIN—INFLAMMATION see Encephalitis

BRAIN—INNERVATION

Effect of aminazine on the ascending and descending functions of the reticular formation A V Val'dman and others Fiziol zhur 47 no 7:852-862 Jl '61

BRAIN—SOFTENING

Clinical aspects of encephalomalacia in hypertension [with summary in English] Z N Dracheva Sov med 25 no 7 99-104 Jl '61

BRAIN—SURGERY

Topography of neuroectodermal intracerebral tumors (on the method for surgical interventions in tumors of the cerebrum) [with summary in English] S. M. Blinkov, B. G. Egorov. Vop. neirokhir 25 no 1,5-9 '62

BRAIN—TUMORS

Concentration of radioactive iodine in brain tumors. D. A. Ulitovskii. Med. rad. no. 7 18-24 '61.

Some discussion questions on the interpretation of neuroectoderma tumors [with summary in English]. B. S. Khominskii. Vop. neirokhir 25 no. 1:9-16 '62.

Topography of neuroectodermal intracerebral tumors (on the method for surgical interventions in tumors of the cerebrum) [with summary in English]. S. M. Blinkov, B. G. Egorov. Vop neirokhir 25 no. 1 5-9 '62

Vital staining of brain tumors in an experiment. M. Sh Promyslov, G. M. Loktionov. Vop. neirokhir 25 no. 1:16-20 '62.

BRAIN—WOUNDS AND INJURIES

Changes in the electrical activity of the cerebral cortex in partial injuries of the brain stem S. P. Narikashvili, E. S. Moniava. Vop. neirokhir 25 no 1:26-33 '62

Effect of medical gymnastics in combination with iodoelectrophoresis on the indexes of physiological liability of the nerve-muscle apparatus in patients with traumatic lesions of the brain. N. A. Belaia. Vop kur., fizioter. i lech. fiz. kul't. 26 no. 4 315-319 Jl-Ag '61.

Influence of a brain lesion on the bioelectrical reaction in rhythmic light stimulation. IU Unger, E Churia, D. Volanskii. Fiziol. zhur. 47 no 6:704-710 Je '61

Pathoanatomical changes in a case combining late cerebral injury and atherosclerosis. P. B. Kazakova. Trudy Gos. nauchno-issl. inst psikh. 22 100-501 '60

Traumatic shock and cerebrocranial lesions. M. A. Lushchitskii, M. L. Borshchagovskii Voen.-med. zhur no. 7:31-34 Jl '61.

BRANDY see subdivision under Armenia

BRASS—METALLOGRAPHY

Effect of high speeds of crystallization on certain properties of L75 and LS74-3 brass G. N. Nysanbaev, A. A. Presniakov Izv. AN Kazakh. SSR Ser. met., obog i ogneup. no 3 85-90 '61

Effect of the initial state on the properties of L59 and LS59-1 alloys. Izv AN Kazakh. SSR Ser met., obog i ogneup. no. 3 79-84 '61

BRASS—METALLURGY

Effect of small amounts of addition alloys on the serviceability of LS59-1 brass A A. Presniakov, U. K. Duisemaliev, V V. Cherviakova Izv AN Kazakh. SSR Ser met., obog i ogneup no. 3 99-104 '61.

BRASS—TESTING

Effect of mercury on mechanical characteristics of brass. G. G. Maksimovich and others. Nauch. zap IMA AN URSR. Ser. mashinoved. 7 no. 7 26-31 '61.

BRATSK HYDROELECTRIC POWER STATION—CONCRETE CONSTRUCTION—FORMWORK

Heavy concrete facing blocks used in the construction of the Bratsk Hydroelectric Power Station R. O. Godass. Energ. stroi no. 20-48 '61

BRATSK HYDROELECTRIC POWER STATION REGION—ICE ON RIVERS, LAKES, ETC.

Movement of the edge of solid ice over the crest of the dam at the Bratsk Hydroelectric Power Station I IA Liser, V. M. Samochkin. Meteor i gidrol. no. 1 36-38 Ja '62

BRAVERY see Courage

BREAD

Effect of fats and sugars on viscoelastic properties of dough and the quality of bread A. R. Mesing, B. A Nikolaev, L. A. Liutik Khleb. i kond. prom. 5 no. 12 1-4 D '61.

Effect of soaking and dried crumbs on the quantity and quality of bread. R. V. Gimmerbert, R. M. Domnich, E. V. Lopashova. Khleb. i kond. prom. 5 no 12 25-29 D '61.

BREAD—MICROBIOLOGY

Evaluating the methods for diagnosing the bread rope A. P. Demchuk. Izv. vys. ucheb. zav., pishch. tekh no. 5 149-155 '61

BREAKWATERS

Experimental investigation of shore-protecting underwater breakwaters of various design. I. A. Lyzlov Trudy Okean. kom. 12:5-18 '61.

BREAST—CANCER

Anesthesia in bilateral adrenalectomy for far-advanced breast cancer [with summary in English]. F. Valcok, M Koziel Vest khir no 1,95-99 '62

Bilateral cancer of the breast. E. V. Trushnikova. Vop. onk 7 no. 12:51-55 '61.

Functional changes in the myocardium during X-ray treatment of cancer of the female genitalia and breast [with summary in English] M M Nivinskaia, K. P. Buiskie Med. rad no 7:14-18 '61.

Mammography in the diagnosis of breast cancer [with summary in English]. E. D. Fastykovskaia. Vop. onk. 7 no. 12:47-51 '61.

Results of the treatment of far-advanced breast cancer with bilateral adrenalectomy K. Typovsky, M. Koziel Vest khir no 1:89-95 '62.

Use of immunological methods for detecting the virus of breast cancer in mice V. N Stepina. Vop. onk. 7 no. 5, 59-62 '61

BREAST—DISEASES

Condition of the lymphatic system of the human mammary gland in diseases of the breast including cancer [with summary in English] L I Gordeeva. Arkh anat gist i embr 41 no 9 67-75 S '61.

BREAST—RADIOGRAPHY

Mammography in the diagnosis of breast cancer [with summary in English]. E. D. Fastykovskaia. Vop. onk. 7 no 12:47-51 '61.

BREATHING see Respiration

BREATHING APPARATUS see Respirators

BREMSSTRAHLUNG

Comparison of ionization and calorimetric measurements of energy streams of bremsstrahlung from a synchrotron Part 2 S P Kruglov. Zhur. tekh. fiz 31 no. 12 1451-1461 D '61

BRESLAU REGION—FELDSPAR

Structure of ceramic feldspar and weathering processes in Lower Silesia. V. I. Magidovich, V. P. Petrov. Trudy IGEM no. 48:126-133 '61.

BREST, BATTLE OF, 1941

"Heroic defense; collected reminiscences on the defense of the Brest Fortress in June and July 1941." Reviewed by K. Lapin. Kommunist 38 no. 3,124-126 F '62.

BREST PROVINCE—HEMP—FERTILIZERS AND MANURES

Effect of copper and potassium on some morphologic characteristics of hemp. I. V. Anashkin. Sbor. bot. rab. Bel. otd. VBO no 2 13-19 '60

BREST PROVINCE—POACHING

Beyond a lake in the mountains; a sketch. Ivan Kirlechyk. Belarus' 19 no. 1:23-24 Ja '62

BREWING INDUSTRY—LABOR PRODUCTIVITY

Indices for determining labor productivity in breweries. N. V. Voinova. Trudy KTIPP no. 23,32-36 '60

BREZNIK, BULGARIA—MINERAL WATERS—PHYSIOLOGICAL EFFECT

Effect of prolonged intake of Breznik mineral water on the growing body. Todor Shipochliev. Vop. kur., fizioter. i lech. fiz. kul't 26 no. 6:518-521 N-D '61

BRICK INDUSTRY—COSTS

The method of calculating production costs by stages. T. A. Alekseeva. Vop. stat. i ucheta no. 4:28-73 '61.

BRICK WALLS

Efficient design details of apartment houses made of vibrated brick panels. V. V. Nasedkin. Sbor nauch trud. TISI 8:14-20 '61

Experimental studies of the thermal insulation properties of vibrated brick slabs. O. G. Shlenkin, G. V. Beloshapkin Sbor nauch. trud. TISI 8:21-30 '61

BRIDGES

Approximate determination of seismic vibrations in very long structures. I. L. Korchinskii. Trudy TSNIISK no 6:73-90 '61.

BRIDGES, MILITARY see Military bridges

BRIDGES, PONTOON see Pontoon bridges

BRIGHT'S DISEASE

Effect of treatment with corticoid hormones from the adrenal glands and ACTH on hyaluronidase activity of the blood serum in Bright's disease [with summary in English]. A. S. Chizh. Terap. arkh. 33 no. 3:91-95 '61.

BRINES see subdivision under Chervonnaya Sloboda region; Pervomayskaya region (White Russia)

BRNO—EXHIBITIONS

Third International Fair in Brno. A. Babadzhanian. Vnesh. torg. 42 no 1:23-29 '62.

BROACHING MACHINES

Machining with a twisted broach. B F Danilov Mashinostroitel' no 1 17-18 Ja '62.

BROADCASTING see Radiobroadcasting

BROMINATION

Behavior of the system of bromate-bromide-antipyrine under conditions of polarographic differential titration. N. IA. Khlopin, L. G. Gein. Trudy Perm. farm. inst. no. 1:134-137 '59

BROMINE—THERAPEUTIC USE

Role of bromine and caffeine in the compound treatment of premature termination of pregnancy G P Lisitsa Akush i gin no 5 67-70 '61

BROMINE COMPOUNDS—SPECTRA

Nuclear quadrupole resonance in some bromine and iodine compounds. G K. Semin Zhur strukt. khim 2 no. 3,370-373 My-Je '61.

BROMO-DERIVATIVES (ORGANIC CHEMISTRY)

Bromium derivatives of carbohydrates as means for fire extinction. P. P. Shcheglov. Khim. v shkole 17 no. 1: 89 Ja-F '62.

BRONCHI

Problem of nomenclature for the bronchi. B. K. Sharov. Probl. tub. no. 5:112-113 '61.

BRONCHI—CANCER

Cancer of the bronchus developing in a polycystic lung. I. P Solovieva, A. IA Nezhlukto Vest khir no 7:116-118 '61

Prolonged course of bronchial cancer [with summary in English] A. I. Shteinmagg, R. M. Rabinovich Terap. arkh no 6:23-28 '61

BRONCHI—DISEASES

Hepato-bronchial fistulas G. R Gemke, V N Palkin. Vrach delo no. 6 90-91 Je '61

BRONCHI—EXPLORATION

Guard for bronchoesophagoscopic tubes to prevent their deformation by the teeth E. N. Surinov Zhur. ush., nos. i gorl bol. 21 no 5 83-84 S-O '61

BRONCHI—FOREIGN BODIES

Removal of a foreign body from the small bronchus under the control of an x-ray screen. D L Rivin Zhur ush., nos i gorl bol 21 no 5:79 S-O '61

BRONCHI—RADIOGRAPHY

Importance of bronchography in the differential diagnosis of pulmonary tuberculosis and chronic nonspecific pneumonia P. P. Baida. Voen.-med. zhur. no 7:82-83 Jl '61.

Removal of a foreign body from the small bronchus under the control of a x-ray screen. D. L. Rivin Zhur ush., nos. i gorl bol 21 no 5 79 S-O '61.

BRONCHI—TUBERCULOSIS

Bronchial tuberculosis in adolescents [with summary in English]. M. I. Bugaeva. Sov. med 25 no 6:108-115 Je '61.

BRONCHITIS

Occupational pulmonary emphysema and chronic bronchitis in coal mine workers [with summary in English]. M. S. Shneider. Sov. med. 25 no 9,85-90 S '61

BRONCHOSCOPE

Experience in working with the optic photobronchoscope. IU. I. Mushkovskaia, IU. I. Levkovich. Vop. onk. 7 no. 5:115-119 '61.

BRONCHOSCOPY

Advantages and disadvantages of bronchoesophagoscopy under anesthesia with the use of muscle relaxants. A. N. Kabanov. Vest. khir. no. 5:106-110 '61.

Optical bronchoscopy in the diagnosis of lung cancer [with summary in English]. G. K. Ordzhonikidze Vest. khir. no. 1:14-17 '62.

Tracheobronchoscopy under anesthesia. G. I. Lukomskii. Vest. khir. no. 5:100-106 '61.

BRONCHOSCOPY—EQUIPMENT AND SUPPLIES

New design in a bronchoaspirator and the method of its use. IU. M. Guzeev. Vest. otorin. no. 6:87-88 '61.

BRONZE AGE see subdivision under Chuvashia; Mari A. S. S. R.; Turbino; Volga Valley

BRONZES see subdivision under Kara-Bulak

BRONZES, INDIAN see subdivision under Kiev

BRUCELLOSIS

Clinical aspects of septic metastatic (subacute) brucellosis. V. M Madzhidov. Med zhur. Uzb. no. 7:32-37 Jl '61.

Detection of brucellosis among blood donors. E. R. Aronova, A. T. Sharifkhodzhaev, M. E. Timofeeva. Probl. gemat. i perel. krovi no. 11:60-62 '61.

Functional state of the liver in brucellosis. O. A. Kordize. Vrach. delo no. 6 149-150 Je '61.

BRUCELLOSIS (Continued)

Lesion of the nervous system in brucellosis (according to data from the Abuali ibni Sino Clinic for Nervous Diseases of the Stalinabad Medical Institute) R. M. Gershovich. Zdrav. Tadzh 8 no 5:33-35 S-O '61

Pyruvic acid metabolism in brucellosis A I Naumov. Terap. arkh. 33 no. 8 85-86 '61

Regional Conference on the Control of Helminth Diseases and Brucellosis. Vest sel'khoz nauki 6 no 11 156 N '61.

BRUNN see Brno

BRUSHES, ELECTRIC

Characteristics of the brush contact. A. A. Remorov. Trudy MIIT no.135:128-143 '61.

Simple device for an easy removal of electric brushes. A. N. Kazarin. Elek. i tepl. tiaga 6 no 1:19 Ja '62.

BRYOPHYTES see subdivision under Sayan Mountains

BUBBLE CHAMBER

Balandin, M. P., V. G. Grebinnik, and G. I. Selivanov. [Synchronizing the operation of a bubble chamber and a synchrocyclotron] Sinkhronizatsiia raboty puzyr'kovoi kamery s sinkhrotsiklotronom. Dubna, Ob"edinennyi in-t iadernykh issl., 1961. 12 p. [With summary in English]

Blokhintseva, T. D., and others. [Eight-liter hydrogen-deuterium bubble chamber in a magnetic field] Vos'militrovaia vodorodno-deitertevaia puzyr'kovaia kamera v magnitnom pole. Dubna, Ob"edinennyi in-t iadernykh issl., 1961. 20 p. [With summary in English]

BUBNOV, NIKOLAI ALEKSANDROVICH, 1851-

Talented Russian internist and physiologist Nikolai Aleksandrovich Bubnov, on the 100th anniversary of his birth. K. Gambaroglu Klin. med. no. 1:152-153 '62

BUCHAREST—MUSIC—COMPETITIONS

Winners of the Enesco Competitions. A R. Sov muz. 26 no. 1 91-93 Ja '62.

BUCHAREST—NEWSPAPER AND PERIODICAL CIRCULATION

On the streets of Bucharest. Sizonenko. Raspr. pech. no. 7:24 Jl '61.

BUCKWHEAT

Give more attention to buckwheat. A. A. Fedorov. Zemledelie 23 no. 12:26-27 D '61.

BUDAPEST—MUSIC—COMPETITIONS

To be better prepared for the competitions. A. Nikolaev. Sov. muz. 25 no. 12:81-84 D '61.

BUDGET

(see also subdivision under China; Kazakhstan; Moldavia)

State budget is an important tool of planned management. V Lavrov. Plan. khoz 39 no. 2:38-50 F '62.

BUDIANS'KAIA, VALENTYNA ANDRIIVNA

Vocation. A. Osaulenko. Doshk vykh. 23 no. 1:22 Ja '62.

BUDUGHAN, ARTASHES, 1864-1915

Artashes Budughan, an eminent Armenian physician. R. S. Parsadanian. Sov. med. 25 no. 9:144-146 S '61.

BUFFALOES

Changes in the secretion of milk fat and protein in the course of lactation in buffalo cows. M. G. Aliev. Izv AN Azerb. SSR, Ser. biol. i med. nauk no. 10:127-137 '61.

Effect of experimental hypothyreosis on the milk productivity in buffalo cows [In Azerbaijani with summary in Russian] M. G. Aliev Trudy Sekt. fiziol. AN Azerb SSR 4:120-124 '60.

Hormone of the anterior lobe of the hypophysis and functions of the mammary gland in buffalo cows. M. G. Aliev. Trudy Sekt. fiziol. AN Azerb. SSR 4:111-119 '60.

BUGURUSLAN—FLIGHT TRAINING

Pilot licenses are obtained here. V. Buzanov. Grazhd. av. 18 no.12:12-15 D '61.

BUILDING

(see also subdivision under Latvia; Moscow; Moscow Province; Russia, Northern; Taiga)

Activities of the Academy of Construction and Architecture of the U. S. S. R from 1956 to 1960. V. A. Kucherenko. Izv. ASiA no. 2:3-14 '61.

Bol'shev, E. N. [Assembly of completely precast apartment houses directly from vehicles] Montazh polnosbornykh zhilykh zdanii s transportnykh sredstv. Leningrad, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 103 p.

Decision of the general meeting of members of the Academy of Construction and Architecture of the U. S. S. R. on the results of the activities of the Academy from 1956 to 1960. Izv. ASiA no. 2.15-24 '61.

Kop'ev, S. I., and E. M. Filippov. [Volunteer institute of inventors and builders] Obshchestvennyi institut novatorov-stroitelei. [Moskva] Izd-vo VTsSPS Profizdat, 1961. 52 p.

Rat'tsevich, V. A., ed. [Fundamentals of construction] Osnovy stroitel'nogo dela. [By] I. T. Golovnia i dr. Moskva, Izd-vo tekhn. i ekon. lit-ry po voprosam khleboproduktov, 1960. 243 p.

The Western Siberian Branch M N Vlasov. Izv. ASiA no 2 128-130 '61

BUILDING—CONTRACTS AND SPECIFICATIONS see subdivision under Voronezh

BUILDING—EXHIBITIONS

Marchevskii, M. I. [Construction exhibition of the Latvian S. S. R.] Stroitel'naia vystavka Latviiskoi SSR. Riga, TSentr. biuro tekhn. informatsii, 1960. 9 p. illus. (Informatsionno-tekhnicheskii listok)

BUILDING—SAFETY MEASURES

Bolotan, N. A. [Safety handbook for construction hoist operators] Pamiatka po tekhnike bezopasnost dlia mashinista stroitel'nykh pod"emnikov. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 15 p.

BUILDING—TECHNOLOGICAL INNOVATIONS see subdivision under Moscow, Odessa

BUILDING, CONCRETE see Concrete construction

BUILDING, EARTHQUAKE-PROOF see Earthquakes and building

BUILDING INDUSTRY see Construction industry

BUILDING LAWS

Russia (1923- U. S. S. R.) Laws, statutes, etc. [Laws governing major construction work in the U. S. S. R.] Zakonodatel'stvo o kapital'nom stroitel'stve v SSSR. Moskva, Gos. izd-vo iurid. lit-ry.
Vol. 1. 1961. 704 p.

Russia (1923- U. S. S. R.) Law, statutes, etc. [Laws governing major construction work in the U. S. S. R.] Zakonodatel'stvo o kapital'nom stroitel'stve v SSSR. Moskva, Gos. izd-vo iurid. lit-ry.
Vol. 2. 1961. 621 p.

BUILDING MACHINERY

Akademiia stroitel'stva i arkhitektury SSSR. Institut ekonomiki stroitel'stva. [Methods for determining the economic efficiency of new equipment in construction] Metody opredeleniia ekonomicheskoi effektivnosti novoi tekhniki v stroitel'stve. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961 61 p.

Apparatus for assembly operations. G. Bykov. Stroitel' no. 11:10-22 N '61.

Dombrovskii, N. G. [Mechanization and automation of building operations] Mekhanizatsiia i avtomatizatsiia stroitel'nykh rabot. Moskva, Izd-vo "Znanie," 1961. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 4, Tekhnika, no. 18)

Operation and maintenance of building machinery. T. V. Kanatov, B. D. Masliannik. Energ. stroi. no. 23: 137-142 '61.

Use of new technology in hydraulic construction. Energ. stroi. no. 20 154-163 '61.

BUILDING MATERIALS

(see also subdivision under Buryat-Mongolia; Donetsk; Kremenchug Hydroelectric Power Station)

Building materials made of polymers. A. V. Chuiko. Khim. v shkole 17 no. 1:13-20 Ja-F '62.

Drobot, Shevchenko, and me. Al. Bylinov. Oktiabr' 38 no. 7:178-185 Jl '61.

Hydrothermal quartz-porphyries in the Koshgarchay - Shamkhorchay interfluve as a ceramic raw material. Z. A. Katina. Izv. AN Azerb. SSR. Ser. geol.-geog. nauk i nefti no. 4:57-62 '61.

Khigorovich, M. I. [Plastic building materials and articles] Stroitel'nye materialy i izdeliia iz plastmass. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1961. 119 p. (Novaia tekhnika i peredovye metody truda)

Kovel'man, I. A. [Special building materials; a short handbook] Spetsial'nye stroitel'nye materialy; kratkii spravochnik. Moskva, Gos. izd-vo lit-ry po stroit., i arkhit., 1962. 250 p.

Moroz, I. I. [Automation of the production of structural ceramics] Avtomatizatsiia proizvodstva stroitel'noi keramiki. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1961. 207 p.

Polymerized building and finishing materials. V. G. Koshkin. Sbor. trud. VNIINSM no. 2:18-34 '60.

Using the head fractions of crude benzene for producing compressed materials E. D. Levin, I. G. Pravdivyi, L. V. Naginskaia. Koks i khim. no. 8:44-46 '61.

BUILDING MATERIALS INDUSTRY

(see also subdivision under Lithuania; Moscow)

New synthetic resins based on waste materials from the chemical industry and their use in the manufacture of building materials. A. E. Khludtsev, IU. S. Cherkinskii. Sbor. trud. VNIINSM no. 2:46-51 '60.

BUILDING RESEARCH

Institute of Structural Physics and Enclosing Elements. L. P. Orfaniteskaia. Izv. ASiA no. 2:123-125 '61.

BUILDING RESEARCH—BIBLIOGRAPHY see Bibliography—Building research

BUILDING STONES

Lowering the yield of oversize by increasing the specific expenditure of explosive for breaking down building stone when quarrying it I. L. Baron, Zh. K. Graubits. Vzryv rab no 1 91-103 '60.

BUILDING TRADES—STUDY AND TEACHING

(see also subdivision under Bashkiria)

Mastering the experience of progressive construction workers A Semenov Prof.-tekh. obr. 19 no. 1 8-9 Ja '62

New features in organizing the schools of progressive work methods P Titov Prof.-tekh. obr. 19 no 1 26-27 Ja '62

BUILDINGS, PREFABRICATED

Apartment tides across the city. A. Golikov, A. Bochinin. Ogonek 10 no 1.2 of cover, 6 Ja '62

Complete-set supply for prefabricated buildings I Shkol'nik NTO 3 no 12 42-43 D '61

BUILT-IN FURNITURE

Design and construction of built-in cabinets. G A Ivanov. Der prom 11 no 2 15-16 F '62

BUKHARA—COINS

Discovery of Timurid coins near the Kattakurgan. IU. F. Buriakov. Obshchestv. nauki v Uz no. 7:67 '61.

BUKHARA—EDUCATION

History of the general and political education of working classes in Bukhara; 1920-1924. A. Ulalov. Obshchestv nauki v Uz. no. 7:18-24 '61.

BUKHARA PROVINCE—AGRICULTURE

Division of Samarkand and Bukhara Provinces into natural and agricultural regions. A. N. Rakitnikov, N. A. Givozdetskii, T. V. Zvonkova Vop geog. no.55: 130-101 '61.

BUKHARA PROVINCE—ECONOMIC POLICY

Pondering over the plan figures. M. Ilkhashev. Nar. khoz. Uzb. 4 no 1,46-50 Ja '62.

BUKHARA PROVINCE—KARA-KALPAKS

The Kara-Kalpaks of Bukhara Province. Uzbek S S R L. S. Tolstova. Sov. etn no. 5 14-51 S-O '61.

BUKHTARMA HYDROELECTRIC POWER STATION—CONCRETE CONSTRUCTION

Mastering the new technique of concreting operations in construction of the Bukhtarma Hydroelectric Power Station in 1959 M V. Iniushin Energ stroi no 20 73-78 '61

BUKOVINA—TEACHERS, TRAINING OF

Organizing the courses and seminars for teachers in children's institutions. D. Ul'ianova. Doshk. vykh 23 no. 1:23-26 Ja '62.

BUL'BOKSKIY DISTRICT—COLLECTIVE FARMS

The seven-year plan of collective farms in Bul'bokskiy District. M. S Binchuva. Uch. zap Kish. un. 53:3-14 '61.

BULGARIA—BIBLIOGRAPHY (THEORY, METHODS, ETC.)

Studies in bibliography at institutions of higher learning in Bulgaria. Khristo Tronkov. Sov. bibl. no. 6:103-105 '61.

BULGARIA—BIOLOGY—STUDY AND TEACHING

Teaching biology in the general schools of the Bulgarian People's Republic. Vasil Bazarov. Biol. v shkole no. 1:66-69 Ja-F '62.

BULGARIA—BONUS SYSTEM

New bonus system for the managerial personnel, engineers, technicians, and office employees in the People's Republic of Bulgaria. V. Savost'ianov Biul. nauch. inform. trud i zar. plata 4 no. 12:56-59 '61.

BULGARIA—CAST IRON—METALLURGY

High-silicon ductile cast iron. R. P. Todorov, S. D. Stamenov. Trakt. i sel'khozmash. 31 no.12:28-29 D '61.

BULGARIA—COAL

Characteristics of Bulgarian coal. P. P. Plachkov. Koks i khim. no. 11:61-64 '61.

BULGARIA—COMMUNIST PARTY

Struggle of the Communists of Bulgaria to defend Soviet Russia (1917-1921). I. Mitev. Voen.-ist. zhur. 3 no. 9:106-111 S '61.

BULGARIA—COXSACKIE VIRUSES

Coxsackie viruses isolated in Bulgaria (with summary in English). L. Shindarov, Z. Savov. Vop. virus. 6 no. 5: 568-572 S-O '61.

BULGARIA—ECONOMIC CONDITIONS

Kostenko, M. P. [Under Bulgarian stars] Pid zoriamy balkans'kymy. Kyiv, 1961. 38 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 4, no. 12)

BULGARIA—FEUDALISM

Feudal rent on Bulgarian land under Byzantine dominion. G. TSankova-Petkova Viz. vrem 19 3-25 '61.

Work of the Seminar on Bulgarian Feudalism in the 13th and 14th centuries S. Lishev Viz. vrem 20: 310-311 '61

BULGARIA—HEALTH RESORTS, WATERING PLACES, ETC.

Bulgaria, country of health resorts. M. Hitsov. Vop. kur., fizioter. i lech. fiz. kul't 26 no 4 358-362 Jl-Ag '61.

BULGARIA—LANGUAGES—STUDY AND TEACHING

Basic methods of teaching a foreign language in Bulgarian schools. Anna Ilieva. Inostr. laz. v shkole no. 1:63-71 Ja-F '62.

BULGARIA—NUCLEAR REACTORS

Starting the first Bulgarian nuclear reactor. Atom. energ 12 no. 1:84 Ja '62

BULGARIA—OPEN AND CLOSED SHELVES

Open access to shelves in Bulgarian libraries. L Atanasov Bibliotekar' no. 1 55-56 Ja '62

BULGARIA—POLITICS AND GOVERNMENT

Supreme organs of state rule in the People's Republic of Bulgaria. B S. Martirosian. Uch zap. IMO no. 3: 30-63 '61.

BULGARIA—RELATIONS (GENERAL) WITH RUSSIA

Georgii Bakalov's Russian ties. V. I. Ziydnev. Lit. slav. nar. no 6:218-267 '61.

Ivan Vasov and Russia. V. I. Zlydnev. Lit. slav. nar. no. 6 111-125 '61.

BULGARIA—SKIN—CANCER

Distribution and results of treatment of skin cancer in the Bulgarian People's Republic [with summary in English]. Vl. Andreev and others. Vop. onk. 7 no. 5. 35-41 '61.

BULGARIA—STRIKES AND LOCKOUTS

"The strikes of Bulgarian workers" [in Bulgarian] by V Khadzhinikolov and others Reviewed by K D Dmitrov. Vop ist KPSS 6 no 1 201-204 '62

BULGARIA—WOMEN'S PERIODICALS

Women's press. Evgeniia Miranova. Zhen. mira no. 5: 32 '61.

BULGARIA—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS

Zurlov, Ivan. [They are not alone. Translated from the Bulgarian] Oni byli ne odni. Moskva, Voen. izd-vo M-va oborony SSSR, 1961. 302 p.

BULLDOZERS

Construction of concrete slope lining of earth structures using bulldozers B L Senderovich, D G IUdin, G E IAtsyk Energ stroi no 20 79-81 '61.

BULLS

Improved method for freezing the semen of bulls [with summaries in English, German, and French]. E. M Platov. Vest sel'khoz. nauki 6 no. 11 127-128 N '61.

BUMBLEBEES see subdivision under Komi A.S.S.R.

BUREAUCRACY see subdivision under China

BURIAL see subdivision under Volga Valley

BURIAT-MONGOLIA see BURYAT-MONGOLIA

BURKSAE MUCOSAE—RADIOGRAPHY

X-ray study of the bursae mucosae in traumatic bursitis. IA. E. Lamm Vest rent i rad 36 no 5 67 S-O '61.

BURMA—DESCRIPTION AND TRAVEL

From Rangoon to Taunggyi. E. Puzitskii. Nov. vrem. 20 no. 7:24-26 F '62.

BURMA—POLITICS AND GOVERNMENT

Progressive parties of Burma. Mezhdunar. zhizn' 9 no 2:154-155 F '62.

BURNS AND SCALDS

Characteristics of eye burns by chloracetophenone. I. A. Gusev Med zhur. Uzb no. 7:62 Jl '61

Eye burns caused by solution for corns. T. IA. Kasymov, O. G. Levchenko. Med zhur. Uzb. no 7.63 Jl '61,

Hormone therapy of esophagus burns. A. B. Slivko. Vrach. delo no. 6 94-97 Je '61.

Our procedure in chemical burns and subsequent esophageal stenosis in children ["Otolar. polska," No. 3, 1960]. Zhur. ush., nos. i gorl. bol. 21 no. 4:86 Jl-Ag '61.

Skin homoplasty in burned subjects [with summary in English]. V. M. Burmistrov, P. M. Medvedev, K. K. Zaitseva. Vest. khir. no. 6:74-80 '61.

Surgical treatment of chemical burns [with summary in English] A. I. Legkopudova Vest khir no. 1:84-89 '62

BURSITIS

X-ray study of the bursae mucosae in traumatic bursitis. IA E Lamm Vest rent i rad 36 no 5 67 S-O '61.

BURYAT-MONGOLIA—AGRICULTURAL PESTS

Some advice for the control of field crop pests in the Buryat A. S. S. R. L. P Nesterova. Trudy Nauch.-proizv. konf. po agron. no. 1.107-115 '59.

BURYAT-MONGOLIA—AGRICULTURE

Basic principles of developing a farm management system for the Buryat A. S. S. R. N. V. Barnakov. Trudy Nauch.-proizv. konf. po agron. no. 1:3-36 '59

BURYAT-MONGOLIA—BERRIES

Measures for increasing the yield of fruits and berries in the Buryat A. S. S. R. N. N. Gavrishov. Trudy Nauch.-proizv. konf. po agron. no. 1 185-196 '59.

BURYAT-MONGOLIA—BUILDING MATERIALS

Let's use local building materials more fully. M Alekseev. Ekon. stroi no. 11 64-3 of cover N '61

BURYAT-MONGOLIA—CORN (MAIZE)

Cultivation practices for obtaining high corn yields in the Buryat A. S. S. R. M. M. Kleev. Trudy Nauch.-proizv. konf. po agron. no. 1:117-132 '59.

BURYAT-MONGOLIA—FERTILIZERS AND MANURES

Correct use of local (organic) and mineral fertilizers in the Buryat A. S. S. R. IU. V Pan'kov Trudy Nauch.-proizv. konf. po agron. no. 1.59-68 '59.

BURYAT-MONGOLIA—FRUIT

Measures for increasing the yield of fruits and berries in the Buryat A. S. S. R. N. N. Gavrishov Trudy Nauch.-proizv. konf po agron. no 1:185-196 '59

BURYAT-MONGOLIA—GRAIN

Conditions of grain seed production and measures for its improvement on collective and state farms of the Buryat A. S. S. R. A. A. TSepenko. Trudy Nauch.-proizv konf po agron. no. 1:209-217 '59.

BURYAT-MONGOLIA—GRAIN—HARVESTING

Efficient harvesting methods for grain crops on collective and state farms of the Buryat A. S. S. R. I. N. Burmistrov. Trudy Nauch.-proizv. konf po agron. no 1:197-208 '59.

BURYAT-MONGOLIA—IRRIGATION FARMING

Optimum irrigation conditions for farm crops in the Buryat A. S. S. R. N. S. Khrebtov. Trudy Nauch.-proizv. konf. po agron. no. 1.69-79 '59.

BURYAT-MONGOLIA—PASTURES AND MEADOWS

Advice for the organization of green fodder supply on collective and state farms of the Buryat A. S. S. R. A. G. Davydov. Trudy Nauch.-proizv. konf. po agron. no. 1:163-170 '59.

Measures for increasing the yield of meadows and pastures in the Buryat A. S. S. R. A. G. Davydov Trudy Nauch.-proizv. konf. po agron. no. 1.151-161 '59.

BURYAT-MONGOLIA—TILLAGE

Soil cultivation system in the Buryat A. S. S. R. A. A. Baertuev, IU. V. Pan'kov. Trudy Nauch-proizv. konf. po agron. no. 1:37-58 '59.

BURYAT-MONGOLIA—VEGETABLE GARDENING

Measures for increasing the yield of vegetable crops in the Buryat A. S. S. R. K. A. Shulin, M. V. Efimov, I. D Korneev. Trudy Nauch.-proizv. konf. po agron. no 1: 171-184 '59.

BUS CONDUCTORS (ELECTRICITY)

Replacement of reserve busbar protection systems with a device for the reservation of the failure of electric cutouts. V. M. Vokhmianin, E. S. Plenin. Elek. sta. 32 no. 12:70-71 D '61.

Use of shunting switches as busbar connectors. D. Sh. Vain Energetik 9 no. 12:19-20 D '61.

BUSH PEA

Preparation of aqueous extracts from the grass, Thermopsis. Z. M. Mitiagina, IU. P. Starikova. Trudy Perm. farm. inst. no. 1:69-73 '59.

BUSINESS MATHEMATICS

Srebrodol'skii, N. D. [Collection of problems and exercises on business mathematics] Sbornik zadach i uprazhnenii po torgovym vychisleniiam. Moskva, Gos. izd-vo torg. lit-ry, 1961. 214 p.

BUTADIENE

Effect of hydrogenation on the properties of polybutadienes. A. I. IAkubchik and others. Zhur. prikl. khim. 34 no 11:2501-2507 N '61.

Effect of the amount of emulsifying agents on the viscosity of butadiene-styrene latexes. V. L. Kuznetsov, A. V. Lebedev. Kauch i rez. 21 no. 1:16-19 Ja '62.

Selective hydrogenation of acetylenic compounds in the butylene-bivinyl fraction of gases from the pyrolysis of petroleum products. N. L. Sanina, P. S. Kogan, S. N. Kazarnovskii. Khim. prom no. 11 802-804 N '61.

BUTANE

Study of talks obtained in the industrial dehydrogenation of butane into butylene D A Aliev. Azerb neft. khoz. 40 no 11:37-39 N '61

BUTANEDIOL

Alkylation of phenols by compounds having two functions. Report No 6. Catalytic alkylation of p-cresol by 1,4-butanediol and tetrahydrofuran. N I. Shuikin and others. Izv AN SSSR. Otd. khim. nauk no 1 122-124 Ja '62.

BUTLEROV, ALEKSANDR MIKHAILOVICH, 1828-1886

Arbuzov, A. E. [A. M. Butlerov, the great Russian chemist, 100th anniversary of the theory of chemical structure] A. M. Butlerov velikii russkii khimik, k 100-letiiu teorii khimicheskogo stroeniia. Moskva, Izd-vo Akad. nauk SSSR, 1961. 42 p. (Nauchno-populiarnaia serila)

BUTOXY GROUP

Lushchikov, V. I., and A. A. Manenkov, and IU. V. Taran, [Dynamic polarization of protons in hydrogen peroxides and tertiary butyl] Dinamicheskaia poliarizatsiia protonov v perekisiakh vodoroda i tretichnogo butila. Dubna, Ob"edinennyi in-t iadernykh issl., 1961. 7 p. [With summary in English]

BUTURLINOVKA—MUNICIPAL SERVICES

More concern about our living conditions. V. IAroshenko. Zhil.-kom khoz. 11 no. 10:35 O '61.

BUTYL ALCOHOL

Solubility of phosphoric acid in iso-amyl and n-butyl alcohols. I N. Shokin, I IA. Sabaev, S. A Krasheninnikov. Zhur. prikl. khim. 35 no. 1:190-192 Ja '62.

BUTYNEDIOL

Condensation of formaldehyde with acetylene. Synthesis of 2-butyne-1, 4-diol G A Chukhadzhian and others Izv AN Arm SSR. Khim nauki 14 no. 5 445-449 '61.

BUTYROLACTONE

Free radical addition of butyrolactone to unsaturated compounds G. I. Nikishin and others Izv. AN SSSR Otd. khim. nauk no 1 146-151 Ja '62.

BUZULUK PINE FOREST—PRECIPITATION (METEOROLOGY)

Pines in the Buzuluk Forest as indicators of precipitation fluctuation. V. E. Rudakov. Izv. Vses geog. ob-va 93 no. 6:527-531 N-D '61.

BUZULUK PINE FOREST—TREE RINGS

Pines in the Buzuluk Forest as indicators of precipitation fluctuation. V. E. Rudakov. Izv. Vses geog ob-va 93 no. 6:527-531 N-D '61.

BYLINY

Female characters in the byliny of the Kievan cycle. L. N. Durmanova Shor. stud nauch rab po gum teik MOPI 4 29-59 '60.

BYZANTINE EMPIRE—FINANCE, PUBLIC

"Finances of the early Byzantine State" [in German] by I Karayannopulos. Reviewed by M. IA. Siuziumov. Viz. vrem. 20:259-267 '61

BYZANTINE EMPIRE—FOREIGN RELATIONS—EGYPT

Greek document from a Mameluke sultan to a Byzantine emperor. D. Moravchik. Viz. vrem. 18:105-115 '01.

BYZANTINE EMPIRE—FOREIGN RELATIONS—RUSSIA

The campaign of the Russians against Berdaa and Russian-Khazarian relations in 943. N. IA. Polovoi Viz. vrem. 20:90-105 '61

BYZANTINE EMPIRE—HISTORY

History of Byzantine chronography in the 10th century. A. P. Kazhdan. Viz. vrem. 19:76-96 '61.

Igor's first campaign against Byzantium. N. IA. Polovoi. Viz. vrem. 18:85-104 '61.

"Italy and the Byzantine Empire in the 6th century" by Z. V. Udal'tsova. Reviewed by M. IA. Siuziumov. Viz. vrem. 19:283-293 '61

BYZANTINE EMPIRE—HISTORY—SOURCES

"Two Byzantine chronicles of the 10th century. The Psamath Chronicle. "The Taking of Thessalonike" by Joannes Cameniata. Reviewed by IA. N. Liubarskii, A. IA. Syrkin. Viz. vrem. 19:307-314 '61.

BYZANTINE EMPIRE—LAND TENURE

Patrimonial estates in the Byzantine Empire during the 11th and 12th centuries. M. M. Freidenberg. Viz. vrem. 18:8-29 '61.

BYZANTINE EMPIRE—RELATIONS (GENERAL) WITH ARMENIA

History of relations between Armenia and Byzantium. A. M. Melikset-Bek. Viz. vrem. 20:64-74 '61.

BYZANTINE EMPIRE—SLAVS

History of the settlement of the Slavs on Byzantine lands. M. IU. Braichevskii. Viz. vrem. 19:120-137 '61.

BYZANTINE STUDIES

Critical remarks on publication of Byzantine works. A. P. Kazhdan. Viz vrem 18:275-287 '61

History of Russian bourgeois Byzantine studies in the 20th century. Z. V. Udal'tsova. Viz vrem 20:32-63 '61.

Tasks before Soviet scholars in Byzantine studies in the light of V. I. Lenin's works. Viz. vrem. 18:3-7 '61.

BYZANTINE STUDIES—CONGRESSES

Work of the Section on Byzantine Studies and Related Disciplines at the 25th International Congress of Orientalists. G. L. Kurbatov, I. F. Fikhman. Viz vrem 20: 315-335 '61.

CABBAGE

Grafted chimeras of cabbage [with summaries in English, German, and French] I. P. Glushchenko, A. F. Chlystova. Vest sel'khoz nauki 6 no 11 36-43 N '61

CABBAGE—HARVESTING

Blagov, S. S. [We harvest cabbage in June] Kapustu ubiraem v iiune [Moskva] Mosk. rabochii, 1961. 18 p. (Liudi, dela, plany)
(DA)

CABLES

Geometry of cables and multi-strand twisted springs. G. I. Iozef. Izv. vys. ucheb. zav., mashinostr. no 8 26-34 '61

Using the BTMA accelerator for the vulcanization of cable rubbers. L. S. Lakhman, M. S. Feldshtein, I. I. Ettington. Kauch i rez 21 no. 1:7-11 Ja '62

CABLES, ELECTRIC see Electric cables

CADMIUM—ANALYSIS

Polarographic determination of small amounts of lead and cadmium in copper electrolytes (rapid method). P. N. Kovalenko. Uch. zap. RGU 41 123-134 '58.

CADMIUM CHLORIDE—TOXICOLOGY

Toxicology of cadmium chloride. I. Fatkhullaev. Med. zhur. Uzb. no. 7:58-60 Jl '61.

CADMIUM COMPOUNDS

Interaction between a mixture of water soluble and insoluble compounds of cadmium and zinc and sodium thiosulfate. I. V. Riskin, T. V. Rogova. Zhur. prikl. khim. 35 no. 1:18-26 Ja '62.

CAFFEINE

Histopathology of the nerve elements in the heart and aorta of dogs after intravenous injection of adrenaline and caffeine [with summary in English]. I. M. Krokhina. Biul. eksp. biol. i med. 52 no. 8:112-117 Ag '61

CAFFEINE—PHYSIOLOGICAL EFFECT

Significance of the caffeine load in the diagnosis of thyroid gland hyperfunction. E. I. Voznuk. Med. rad. no. 6:23-26 '61.

CAFFEINE—THERAPEUTIC USE

Role of bromine and caffeine in the compound treatment of premature termination of pregnancy. G. P. Lisitsa. Akush. i gin. no. 5 67-70 '61.

CAISSONS

Calculations for the hydraulic machinery used in caissons. E. P. Khalizev. [Trudy] NIIOSP no. 45:53-63 '61.

CAKE

Gingerbread with vitamins B_1, B_2 and PP. A. G. Egorova and others. Khleb. i kond. prom. 5 no 12 33-36 D '61.

CALCITE

Uniform calcite orientation in deformed marbles. A. A. Kurdiukov. Izv. AN SSSR. Ser. geol. 27 no. 2:111-117 F '62.

CALCIUM

Elastic neutron scattering on titanium and calcium nuclei. G. N. Lovchikova. Atom. energ. 12 no. 1:40-49 Ja '62.

Preparation of metallic calcium by the reduction of calcium oxide by aluminum carbide. A. S. Burnazian, M. V. Darbinian. Izv. vys. ucheb. zav., tsvet. met. 4 no. 3: 81-87 '61.

CALCIUM CYANAMIDE—TOXICOLOGY

Clinics of calcium cyanamide intoxication. V. I. Rubinovich. Vrach. delo no 6, 115-118 Je '61.

CALCIUM HYDROXIDE

Doses of calcium hydroxide in the purification of water by aluminum coagulants. G. P. Rykhlikov. Zhur. prikl. khim. 35 no. 1:221-224 Ja '62.

CALCIUM IN THE BODY

Radiochemical method for determining glycine-C^{14} and $Ca^{45}Cl_2$ in a mixture of calcified tissues [with summary in English]. A. A. Prokhonchukov, Liu Din-sin' (Liu Ting-hsin). Med. rad. no. 7:70-72 '61.

CALCIUM METABOLISM

Effect of the stimulation of rectal receptors on the calcium content of blood. A. A. Loginov, A. G. Dadashev. Trudy Sekt. fiziol. AN Azerb. SSR 4:55-62 '60.

CALCIUM NITRATE

Reaction of calcium nitrate with phosphoric acid. I. S. Ransonskaia, V. A. Klevke, IA. S. Shenkin. Khim. prom. no. 11 809-812 N '61.

CALCIUM SILICATE

Use of carbonized calcium metasilicate in the production of dry voltaic cells. M. G. Manvelian and others. Zhur. prikl. khim. 34 no. 11 2455-2459 N '61.

CALCIUM SULFATE

Crystallization of calcium sulfate in the reaction of monocalcium phosphate with sulfuric acid in a phosphoric acid medium. M. F. Pozin and others. Zhur. prikl. khim. 34 no. 11 2381-2390 N '61.

CALCULATING MACHINES

Conference on designing computers for the control of diffusion processes. M. A. Sakh. prom. 35 no. 12 66 D '61

Mechanization of engineering calculations with the help of desk computers. V. IA. Magalif, V. I. Korneev. Khim. prom. no. 9 50-52 S '61

New tasks for calculating machine units. A. Kats. NTO 3 no 12 28-30 D '61

CALCULI, BILIARY

Combination of hemolytic anemia with calculous angiocholecystitis. I. N. Rudenskaia. Pediatriia 40 no. 12: 31-33 D '61

CALCULI, SALIVARY

Reactivity and plasticity of the human submaxillary gland in sialolithiasis and some data for a study of its etiology and pathogenesis. E. Sh. Gerlovin. Trudy LSGMI 63 176-192 '60

CALCULI, URINARY

Renal and ureteral calculi in children. K. Kh. Tagirov. Med. zhur. Uzb. no. 7 28-32 Jl '61.

CALCULUS

Euler, Leonhard. [Introduction of infinitesimal analysis. Translated from the Latin] Vvedenie v analiz beskonechnykh. Red. perevoda, vstup. stat'ia i primechaniia I. B. Pogrebysskogo. Moskva, Gos. izd-vo fiziko-matem. lit-ry
Vol 2. 1961 390 p.

CALCULUS, DIFFERENTIAL

Cauchy's concomitant quantities. F. A. Medvedev. Trudy inst. ist. est. i tekh. 43:264-289 '61.

CALCULUS, INTEGRAL

Cauchy's concomitant quantities. F. A. Medvedev. Trudy inst. ist. est. i tekh. 43:264-289 '61

CALCULUS OF VARIATIONS

Extension of Golubin-Schiffer's variational method to multiply connected regions. S. A. Gol'fer. Dokl. AN SSSR 142 no. 3 503-506 Ja '62.

Variational methods in the nonlinear theory of elasticity. I. F. Teregulov. Dokl. AN SSSR 142 no 3 568-571 Ja '62

Variational problems for supersonic solids of revolution and exhaust nozzles. IU. D. Shmyglevskii. Prikl. mat. i mekh. 26 no 1:110-125 Ja-F '62

Variational problems of the optimization of control processes. V. A. Troitskii. Prikl. mat. i mekh. 26 no 1: 29-38 Ja-F '62

Variational theorem in the nonlinear theory of elasticity. I. G. Teregulov. Prikl. mat. i mekh. 26 no 1:169-171 Ja-F '62.

CALCUTTA—THEATER

Lights of the Bengali stage. M. I. Teatr 22 no. 8: 188-189 Ag '61.

CALDWELL, ERSKINE, 1903-

Call it experience. Erskine Caldwell. Vop. lit. 5 no. 7 180-185 Jl '61

Short stories of E. Caldwell. N. Gruzinskaia. Shor. stud. nauch. rab. po gum. tsik. MOPI 4:137-157 '60

CALIBRATION

Apparatus for calibrating the ASO-3 ventilation anemometers. P. V. D'iachenko, A. I. Kameneva. Trudy GGO no 116 41-46 '61

Apparatus for calibrating thermographs. P. V. D'iachenko, V. A. Parmuzhev. Trudy GGO no. 116:47-52 '61.

Semiautomatic hygrostate. P. V. D'iachenko. Trudy GGO no. 116:12-29 '61.

CALIFORNIA—GRUNIONS

Grunion spawning. Igor' Akimushkin. IUn. nat. no. 1:26 Ja '62

CALIFORNIA—HISTORY

In the lands of California. V. Vladimirov. Kult. i zhizn' 6 no. 1:30-31 '62.

CALLOSITIES

Treatment of dry callosities and warty growths. N. D. Savel'ev. Voen.-med. zhur. no. 7:80 Jl '61.

CALORIMETERS

Adiabatic follow-up calorimeter for determining the heat capacity of saturated solutions. I. A. Parshikov. Zhur. prikl. khim. 34 no. 12:2649-2658 D '61.

CALVES—DISEASES AND PESTS

Noninfectious pneumonia in calves [with summaries in English, German, and French] V. N. Kovaleva. Vest sel'khoz nauki 6 no 11 63-67 N '61

CALVES—FEEDING AND FEEDS

Raising calves on dried buttermilk and skim milk [with summaries in English, German, and French] I. P. Troshin, S. M. Kharitonova. Vest. sel'khoz nauki 6 no 11 52-55 N '61

CAMBODIA—POLITICS AND GOVERNMENT

Constitutional and legal reforms in the independent Cambodian state from 1953 to 1960. V. P. Verin. Uch. zap. IMO no 3:166-170 '61.

CAMENIATA, JOANNES, 10th Century

Clarifications of the translation of Joannes Cameniata's work "The Taking of Thessalonike." R. M. Bartikian. Viz. vrem. 19:315-319 '61

"Two Byzantine chronicles of the 10th century. The Psamath Chronicle. "The Taking of Thessalonike" by Joannes Cameniata. Reviewed by IA. N. Liubarskii, A. I. Syrkin. Viz. vrem. 19:307-311 '61.

CAMERAS

Lens turret for the "Start" camera. S. Marchenko. Sov. foto 22 no. 1 30-31 Ja '62.

CAMP SITES, FACILITIES, ETC. see subdivision under Latvia

CAMPHOR

Rudakov, G. A. [Chemistry and technology of camphor] Khimiia i tekhnologiia kamfary. Moskva, Goslesbumizdat, 1961. 223 p.

CAMPHOR—PHYSIOLOGICAL EFFECT

Effect of camphor on the coronary vessels in experimental coronary insufficiency [with summary in English]. G. P. Marina, A. S. Saratikov. Farm. i toks. 24 no. 3:289-291 My-Je '61.

CAMS

Kinematic design of three-dimensional cam mechanisms having a tapered hyperboloidal rod roller. T. N. Gendzekhadze. Izv. vys. ucheb. zav., mashinostr. no 8 15-25 '61

CANADA—ELECTRIC CRANES

Braking device for obtaining "creeping" speeds in the motion of crane hooks (from "Modern Power and Engineering," no 1 1959). I. L. Volfkovich. Prom. energ. 15 no. 7 55 Jl '60.

CANADA—HISTORY

"The founding of Canada; beginnings to 1815" [in English] by Stanley B. Ryerson. Reviewed by IU. Averkieva. Sov. etn. no. 6:140-152 N-D '61

CANADA—PAPERMAKING MACHINERY

"Jupiter" papermaking machine. S. B. Gurevich. Bum. prom. 36 no. 10 25-26 O '61.

CANADA—PETROLEUM REFINERIES

New petroleum refineries in Canada. B. I. Bondarenko. Khim. i tekh. topl. i masel 7 no. 2:68-72 F '62.

CANADA—RELATIONS (GENERAL) WITH RUSSIA

The U. S. S. R. interests us also. Leslie Hunt. Kult. i zhizn' 5 no. 8:36 '61.

CANADA—STEEL—METALLURGY

Arutiunov, N. B., and A. A. Riasnoi. [Ferrous metallurgy in Canada] Chernaia metallurgiia Kanady. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 170 p.

CANADA—SURVEYING

Geodetic operations in capitalistic countries; from national reports presented at the 12th Assembly of the International Union of Geodesy and Geophysics. Geod. i kart. no. 12:51-57 D '61.

CANADA—VENEERS AND VENEERING

Conveyer unit for coating glued veneer with a polyester film (from "Wood and Wood Products," 66 no. 3, 1961). Der. prom. 11 no. 1, 31 Ja '62

CANALS

New excavator buckets for the removal of silt and swamp vegetation from open drainage systems. B. M. Protopopov. Nauch. trudy KOMS no 1:149-164 '59.

Trench-type sand and gravel collectors in canals. A. I. Arykova. Trudy Inst. energ. AN Kazakh. SSR 2:175-182 '60.

CANCER

Case of lymphadenosis complicated by reticulo- and fibrosarcoma. E. V. Uranova, S. S. Khodush. Probl. gemat. i perel. krovi no. 2:44-47 '62.

Changes in taste sensitivity in cancer patients [with summary in English]. I. T. Abasov. Sov. med. 25 no. 9:47-52 S '61.

Changes in the ballistocardiogram in cancer of the internal organs. T. P. Chuberkis, E. M. Kucherenko, O. IA. Grinshpun. Vrach. delo no. 12:134 D '61.

CANCER (Continued)

Characteristics of the geographical distribution of cancer on the territory of the Soviet Union. A. V. Chaklin. Geog. sbor. no. 11:161-174 '61.

Condition of the lymphatic system of the human mammary gland in diseases of the breast including cancer [with summary in English]. I. I. Gordeeva. Arkh. anat. gist. i embr. 41 no. 9:67-75 S '61.

Method for studying the time of application for help, timeliness and quality of the diagnosis of oncological patients. I. F. Bratolavskii. Vop. onk. 7 no. 8:105-109 '61.

Sensitivity of Ehrlich cancer cells to dyes. B. I. Alzenman and others. Vop. onk. 7 no. 6:83-90 '61.

Significance of age and sex in the formation of malignant tumors. M. K. Dimitrov. Vop. onk. 7 no. 8:16-20 '61.

Zil'ber, L. A. [The riddle of cancer] Zagadka raka. Moskva, Medgiz, 1960. 15 p. (Nauchno-popularnaia meditsinskaia literatura) (DNLM)

CANCER—DIAGNOSIS

Thrombocyte count in the diagnosis of cancer. A. F. Krivoshchekii. Vestn. khir. no. 7:30-31 '61.

CANCER RESEARCH

Effect of antisera for irradiated malignant tissues on the growth of experimental tumors in irradiated animals. Report No. 2: Action of serum for irradiated ascitic cells on the growth of subcutaneous and ascitic forms of Ehrlich's adenocarcinoma in mice [with summary in English]. I. N. Maiskii, G. V. Suvorova, P. P. Filatov. Biul. eksp. biol. i med. 52 no. 8:91-94 Ag '61.

CANCEROGENIC COMPOUNDS see Carcinogens

CANDIDOMYCOSIS see Moniliasis

CANNED FISH see Fish, Canned

CANNED FOOD see Food, Canned

CANNING AND PRESERVING

Storing pickles in containers filled with water. A. Kurkatov. Sov. torg. 35 no. 1:54-55 Ja '62.

CANNING INDUSTRY—EQUIPMENT AND SUPPLIES

Dikis, M. IA., and A. N. Mat'skii. [Machinery and equipment for canneries] Tekhnologicheskoe oborudovanie konservnykh zavodov. Izd. 3., dop. i pererab. Moskva, Pishchepromizdat, 1961. 539 p.

CANOES AND CANOEING

Canoe. V. Makhrov. IUn. tekh. 5 no. 7:67-68 Jl '61.

CAPILLARIES

Investigating the vascular channel by the capillaroscopic method in Ménière's disease [with summary in English]. A. M. Ryndina. Zhur. ush., nos. i gort. bol. 21 no. 4:28-33 Jl-Ag '61.

Vascular reactions in ischemic neuritis under thermal stress. N. M. Sergeeva, A. R. Vinnitskii. Vrach. delo no. 12:107-108 D '61.

CAPILLARIES—PERMEABILITY

Effect of arterial hypoxemia in pulmonary emphysema on capillary permeability. G. N. IUshina. Terap. arkh. 33 no. 10:103-105 '61.

Permeability of the hemato-encephalic barrier and of the skin capillaries in patients with cerebrovascular diseases with mental disorders. Preliminary report. M. IA. Maizelis, I. A. Manilov, T. P. Romeli. Trudy Gos. nauchno-issl. inst. psikh. 22:363-369 '60.

Permeability of the hematoencephalic barrier to vitamin B_{12}: clinical investigations. L. I. IAvorovskii. Vit. res. i ikh isp. no. 5:210-219 '61.

...eraction of the metal and the molding. V. A. Chechulin, G. I. Balachnikov. Izv. zav.; chern. met. 4 no. 12:149-156 '61.

...ubdivision under Ukraine)

...s of capital assets. G. K. Said-Galiev. Och. i zarub. ekon. no. 1:72-86 '60.

... [Capital assets and productive capacity of enterprises and how to use them to the age] Osnovnye fondy i proizvodstvennye moshchnosti promyshlennykh predpriiatii i puti ikh ispol'zovaniia. Moskva, Izd-vo ekon. lit-ry, 1961. (Ekonomicheskoe samoobrazovanie)

... [Reproduction of public capital] Vosproizvodstvo obshchestvennogo kapitala. Moskva, "Vysshaia shkola," 1961. 92 p.

I. S. [Working capital of industrial enterprises] Oborotnye sredstva promyshlennykh predpriiatii. Izd-vo ekon. lit-ry, 1961. 63 p.

...he division of production and labor during the transition from socialism to communism. ...nko. Uch. zap. kaf. obshchestv. nauk vuz. ...lit. ekon. no. 3:88-100 '61.

CAPITAL INVESTMENTS

(see also subdivision under Uzbekistan)

Effectiveness of capital investments and the time factor. D. Chernomordik. Vop. ekon. no. 1:112-121 Ja '62.

Important problems of the economic efficiency of capital investments in electrification. G. Mattin. Vop. ekon. no. 2:13-20 F '62.

CAPITALISM

Great forces of the present time are undermining and destroying capitalism. A. Dmitriuk. Komm. Bel. 15 no. 7:63-70 Jl '61.

Moscow, Institut mezhdunarodnykh otnoshenii. [Monopolistic capital in imperialism] Monopolisticheskii kapitalizm - imperializm, ucheb. posobie. Pod red. F. IA. Bregelia. Moskva, Izd-vo IMO, 1961. 551 p.

Novikov, A. I. [Reactionary nature of bourgeois ideology] Reaktsionnaia sushchnost' burzhuaznoi ideologii. Leningrad] Lenizdat, 1961. 90 p. (Kritika sovremennoi burzhuaznoi ideologii)

Under the banner of "Social partnership". A. Velmina. Mol. komm. no. 7:83-88 Jl '61.

What man needs. M. Vintinetskii. Polit. samoobr. 5 no. 7:119-124 Jl '61.

CAPSICUM—PHYSIOLOGICAL EFFECT

Influence of infusions of red pepper and mustard on the reflex phase of gastric secretion. O. B. Iablieva and others. Fiziol. zhur. 47 no. 6:750-754 Je '61.

CAPTAN

Preparation of captan, a fungicide. N. N. Melnikov and others. Zhur. prikl. khim. 34 no. 11:2550-2554 N '61.

CAR AXLES

Increasing the fatigue strength of axles by means of ball burnishing. B. A. Genich, V. M. Chebanenko, G. I. Zaikin. Trudy TSNII MPS no. 221:149-160 '61.

Selecting the type of fit for roller bearings. B. Z. Akbashev. Trudy TSNII MPS no. 221:100-109 '61.

CAR AXLES—TESTING

Effect of heat treatment and the chemical composition of steel on the fatigue strength of railroad axles. IU. V. Gridina, D. I. Tarasko, V. S. Kulgachev. Izv. vys. uchеb. zav., chern. met. 4 no. 10:141-148 '61.

Experiment in the operation of axle box assemblies with roller bearings on passenger and freight cars. V. F. Deviatkov, V. V. Ahashkin. Trudy TSNII MPS no. 221: 16-24 '61.

Methods of studying the state of stress in the elements of the axle box assembly. B. Z. Akbashev. Trudy TSNII MPS no. 221:137-148 '61.

Results of tests for friction of freight car boxes. IU. M. Piroshnina. Vestn. TSNII MPS 20 no. 8:37-41 '61.

Testing the strength of the press joint of the wheel and axle in connection with axle strengthening by means of burnishing. V. M. Chebanenko, G. I. Zaikin. Trudy TSNII MPS no. 221:161-174 '61.

CAR SPRINGS

Selecting the optimum parameters of spring suspension for suburban train cars. V. N. Medel'. Trudy MIIT no. 135:5-57 '61.

CAR WHEELS

Changes in the chemical composition of wheel steel in the practice of the manufacture of railroad-car wheels. M. IU. Shifrin. Biul. nauch.-tekh. inform. VNIIT no. 4/5 109-203 '60.

CARAMEL

Caramel syrup. V. S. Grinman. Sakh. prom. 35 no. 12: 52 D '61.

CARBAMIC ACID

Insecticidal properties of some pyrazolyl carbamates. E. V. Avdeeva and others. Vest. Mosk. un. Ser. 6: Biol., pochv. 16 no. 6:19-25 N-D '61.

Synthesis of carbamates and thiocarbamates based on 1, 3-dichloro-2-butene. G. T. Enatan, E. E. Oganesian, G. A. Kondzhikian. Izv. AN Arm. SSR. Khim. nauki 14 no. 5:505-509 '61.

CARBOHYDRATE METABOLISM

Effect of gastrectomy on carbohydrate metabolism. I. D. Kolomina. Vest. khir. no. 7:65-71 '61.

Effect of the place of cultivation on the carbohydrate content of gramineous plant seeds in germination. L. A. Rudenko, S. B. Levina. Sbor. bot. rab. Bel. otd. VBO no. 2:97-102 '60.

Role of distance signal stimuli in the regulation of carbohydrate metabolism in monkeys [with summary in English]. L. S. Kanfor. Biul. eksp. biol. i med. 52 no. 10: 9-13 O '61.

CARBOHYDRATES

Interaction between chlorine water and carbohydrates. V. I. Ivanov, L. N. Derevenchuk, V. V. Chupova. Izv. AN SSSR. Otd. khim. nauk no. 1:181-182 Ja '62.

Protein and carbohydrate content in the amniotic fluid during labor [with summary in English]. S. L. Kelin, G. B. Kravtsova, V. I. Leitan. Akush. i gin. no. 5:55-59 '61.

CARBON

Inelastic interaction of 660 Mev protons and carbon nuclei [with summary in English]. A. P. Zhdanov, P. I. Fedotov. Zhur. eksp. i teor. fiz. 41 no. 6:1870-1879 D '61.

Investigating the reactions taking place during the production of silicon carbide by carbon reduction. N. V. Volkonskii, L. IA. Markovskii. Zhur. prikl. khim. 34 no. 1:10-17 Ja '62.

Kinetics of the expansion of a carbon surface at high-temperature methane decomposition. I. L. Mal'tsiain, P. A. Tesner. Trudy VNIIGAZ no. 13:185-221 '61.

Kiun, B., V. I. Saltykii, and I. V. Silov. [Study of the reaction $C^{12}(t,p)C^{14}$] Dubna, Ob"edinennyi in-t iadernykh issl., 1961. 15 p. [With summary in English]

Measuring the activation energy of the process of carbon formation at high temperatures. P. A. Tesner, P. IA. Robinovich, I. A. Matiushenko. Trudy VNIIGAZ no. 13: 29-35 '61.

Rate of interaction between gases and solid carbon. P. A. Tesner. Trudy VNIIGAZ no. 13:3-15 '61.

Study of the reaction $C^{13}(\alpha, 1n)$ [with summary in Eng. ...lish]. V. V. Vasil'ev, V. V. Kuznetsov, A. M. Popova. Zhur. eksp. i teor. fiz. 41 no. 6:1757-1760 D '61.

CARBON—ANALYSIS

Simultaneous determination of carbon, hydrogen, and halogens or sulfur by "flash combustion". V. A. Klimova, F. A. Antipova, G. L. Moldavan. Izv. AN SSSR. Otd. khim. nauk no. 1:19-22 Ja '62.

CARBON—ISOTOPES

Using water-acetone potassium bicarbonate solutions for the separation of carbon isotopes. I. A. Semiokhin, A. G. Berenkova. Vest. Mosk. un. Ser. 2: Khimiia 17 no. 1:49-53 Ja-F '62.

CARBON, ACTIVATED

Studying the process of hydrogen purification in a fluidized bed of activated carbon. N. V. Lebedeva, Z. A. Avakova. Trudy VNIIGAZ no. 13:141-148 '61.

CARBON BLACK

Chemical nature of carbon black surface. N. N. Lebedev and others. Kauch. i rez. 20 no. 11:21-27 N '61.

Distribution of raw material sulfur in carbon black formation products. M. I. Chukhan. Kauch. i rez. 20 no. 12:26-30 D '61.

Formation of dispersed carbon during the explosion of acetylene. Trudy VNIIGAZ no. 13:16-20 '61.

Kinetics of carbon black oxidation. T. D. Gnepireva, P. A. Tesner. Trudy VNIIGAZ no. 13:91-107 '61.

Mechanism of structure formation in hydrocarbon suspensions of carbon black as related to the problem of active rubber fillers. B. IA. IAmpol'skii, V. Shvartsman, P. A. Rebinder. Dokl. AN SSSR 143 no. 1:631-636 Ja '62.

Production of active chimney soot from mixtures of petroleum and coal-tar oils. I. P. Gilinskaia and others. Kauch. i rez. 21 no. 1:4-6 Ja '62.

Study of the black process during thermal decomposition of diluted mixtures of hydrocarbons. P. A. Tesner, E. IA. Robinovich, I. A. Matiushenko. Trudy VNIIGAZ no. 13:27-41 '61.

Study of the carbon black process during diffusion burning of various hydrocarbons. L. S. Rafal'kes, P. A. Tesner. Trudy VNIIGAZ no. 13:42-49 '61.

Study of the channel carbon black process. L. I. Dilgant. Trudy VNIIGAZ no. 13:164-166 '61.

Studying the black process in a diffusion flame of methane. E. IA. Robinovich. Trudy VNIIGAZ no. 13:61-70 '61.

CARBON DIOXIDE

Dynamics of carbon dioxide adsorption from mixtures at atmospheric and low pressures. I. P. Ilkin, N. I. Katina. Zhur. prikl. khim. 35 no. 1:104-111 Ja '62.

Effect of gas dynamic relaxation of CO_2 on the resistance factor of a sphere at supersonic velocities. G. I. Mikhin, V. A. Ovsiannikov. Zhur. tekh. fiz. 31 no. 12:1467-1470 D '61.

Integral functions of absorption of long-wave radiation in the atmosphere. Part 2. Absorption by atmospheric CO_2. V. E. Zuev. Izv. vys. uchеb. zav., fiz. no. 6:109-112 '61.

Method for measuring the diffusion coefficients of solids in compressed gases [with summary in English]. IU. V. Tsekhanskaia, M. B. Iomtev. Inzh.-fiz. zhur. 5 no. 2: 24-29 F '62.

Studies of the absolute adsorption of carbon dioxide from a mixture with nitrogen at atmospheric pressure. I. P. Ilkin, N. F. Katina. Zhur. prikl. khim. 34 no. 12: 2623-2627 D '61.

Studies of the differential adsorption of carbon dioxide from air at high pressures. I. P. Ilkin, N. F. Katina. Zhur. prikl. khim. 34 no. 12:2628-2633 D '61.

CARBON DIOXIDE—THERAPEUTIC USE

Dry carbonate baths. M. Dzerzhinskii. Vop. kur., fizioter. i lech. fiz. kul't. 26 no. 4:335-337 Jl-Ag '61.

Use of radon, carbon dioxide and oxygen baths in the complex of sanatorium treatment of hypertension. O. P. Sorokina, I. I. Petruchenko. Vop. kur., fizioter. i lech. fiz. kul't. 26 no. 4:323-326 Jl-Ag '61.

CARBON ELECTRODES see Electrodes, Carbon

CARBON TETRACHLORIDE
Corrosion inhibitors of carbon steel in carbon tetrachloride. V M Chistiakov, S A Balezin. Zhur prikl khim. 34 no 11:2160-2166 N '61.

CARBON TETRACHLORIDE—PHYSIOLOGICAL EFFECT
Dynamics of changes in the lymphatic vessels of the liver in dogs and white rats following experimental inflammation of the liver [with summary in English]. A V Kiuev Arkh. anat gist i embr 41 no. 9 16-29 S '61

CARBONATES
Investigating the process of preparing a basic beryllium carbonate V I. Ganopol'skii, M A Kolenkova, A. I. Lainer. Izv. vys uchob zav , tsvet. met i no 3 75-80 '61.

CARBONIC ACID
Alkylene carbonates and methods of using them O P. Korenkova, V B. Kvasha Khim prom no 9 33-36 S '61.
Heat transfer to carbonic acid along supercritical isotherms in the case of free convection [with summary in English]. V. P. Skripov, P. I. Potashev Inzh.-fiz zhur. 5 no. 2:30-34 F '62.

CARBONYL GROUP
Determining the carbonyl numbers of products from paraffin oxidation. Z I. Bukhshtab, L IA Distanova Masl.-zhir. prom. 27 no. 11:29-31 N '61

CARBONYL SULFIDE
Solubility of carbonyl sulfide in titanium tetrachloride T. A. Zavaritskaia, I. A. Zevakin Zhur prikl khim. 34 no. 12:2783-2784 D '61.

CARCINOGENESIS
Role of inflammation in the mechanism of carcinogenic, cocarcinogenic and some anticarcinogenic effects. L. S. Saliamon. Vop. onk 7 no. 5:63-71 '61.

CARCINOGENS
Content of 3,4-benzopyrene in fish smoked with the aid of smoke generators of various types. N. D. Gorelova, P. P. Dikun. Vop. onk. 7 no. 12:71-73 '61.
Coordination of the work on blastomogenic substances. L. M. Shabad. Vop. onk. 7 no. 5:3-8 '61.
Leukemia-producing agent isolated from tissues of C57 Bl mice using ionizing radiations A. I. Agoenko. Probl. gemat. i perel. krovi no 2 8-13 '62.

CARDBOARD see Paperboard

CARDIAC GLYCOSIDES
Changes in the acid base equilibrium under the influence of strophanthin and corglycon in circulatory insufficiency [with summary in English] A. I. Kabakov Terap. arkh 33 no. 10 38-45 '61.
Comparative evaluation of the effect of periplocin and other cardiac drugs on circulatory insufficiency [with summary in English] F. A. Gruzina. Sov med. 25 no. 7:38-42 Jl '61.
Evaluation of the effectiveness of some Soviet glycosides. S. S. Soroker. Klin. med. no. 1:36-40 '62.
Influence of cardiac glycosides on the conditioned reflex activity of white rats [with summary in English] D. I. Sapegin. Zhur vys. nerv. deiat. 11 no. 5 951-955 S-O '61.
Methods for the clinical evaluation of cardiac glycosides. V. I. Chernov. Vrach. delo no 6:32-35 Je '61.
Onitsev, P. I. [Cardiac glycosides] Serdechnye glikozidy. Moskva, Medgiz, 1960. 183 p. (DNLM)
Some data on the chemical composition and pharmacological effect of Adams's rhododendron (Rhododendron adamsii Rehd.), preliminary communication. G V. Kurshakova, Al. A. Fedorov, P. A. IAkimov. Trudy Bot. inst. Ser. 5 no 9 216-220 '61
Treatment of circulatory insufficiency with erysimine. E A. Gruzina Klin. med. no. 1:20-35 '62.

CARDING MACHINES
From the experience of covering the carder doffers with the "Ostrata-1" saw-toothed clothing. L. P. Razzhivin, A I Lapshina. Tekst. prom. 21 no. 5:53-54 My '61.
"SN" mixing card with continuous action. I. I. Shuliat'ev and others. Tekst. prom. 21 no. 5:35-37 My '61.

CARDIOLOGY—BIBLIOGRAPHY see Bibliography—Cardiology

CARDIOLOGY—EQUIPMENT AND SUPPLIES
Small electrostimulator for the heart IU. I. Bredikis, P. P. Kazakevichus. Vest. khir. no. 7:110-111 '61.

CARDIOLOGY—PERIODICALS
"Cor et vasa" for 1960. Reviewed by I. A. Ryvkin. Kardiologiia 1 no. 2:83-86 Mr-Ap '61.

CARDIOVASCULAR SYSTEM
Effect of excitation of the dura mater on the cardiovascular system and respiration in man. E. I. Kandel'. Fiziol. zhur. 47 no. 10:1276-1282 O '61.
Pneumoelectrooscillography as a method for examining the cardiovascular system. O IA. Grinshpun. Vrach delo no 6:125-127 Je '61
Reactions of the cardiovascular system in children to prolonged helminth invasion and intestinal lambliasis [with summary in English]. R. Kaliuzhnaia. Pediatriia 40 no 12:15-22 D '61.
Some data on the restoration of the neuroreflex regulation of the cardiovascular system in revivification after clinical death [with summary in English] D G. Maksimov. Biul eksp biol i med 52 no 10 34-38 O '61
State of the cardiovascular system in patients with chronic gastritis and peptic ulcer [with summary in English]. A. D Dzhalalov, A N. Garanian Med zhur Uzb no. 8 89-92 Ag '61.
State of the cardiovascular system in rheumatic fever following tonsillectomy [with summary in English] S. N. Sinel'nikov, M. P. Zhdanova Zhur. ush., nos i gorl. bol. 21 no. 4:7-11 Jl-Ag '61.

CARDIOVASCULAR SYSTEM—DISEASES
Case of combined functional disorders of the cardiovascular system. A. M Selivanov Klin med. no. 1:133-135 '62
Conference of Public Health Ministers of the Countries of the Socialist Camp devoted to problems in the control of cardiovascular diseases. V. A Bogoslovskii. Kardiologiia 1 no 2 86-88 Mr-Ap '61
Functional diseases of the cardiovascular system, their diagnosis and treatment. V. P. Nikitin. Klin. med. no. 1:19-25 '62.
Late results of balneological treatment of cardiovascular disorders in diseases of the nervous system N I. Strelkova. Vop kur., fizioter. i lech. fiz. kul't. 26 no. 4:293-297 Jl-Ag '61.
Neurovascular disorders in the late aftereffects from a closed injury of the skull and their changes under the influence of general bromine electrophoresis. N F. Sokolova. Vop kur., fizioter. i lech. fiz. kul't. 26 no 6 534-530 N-D '61.
Research and practice conference of physicians at the "Arkhangel" Clinical Sanatorium G. F. Gurov. Voen.-med. zhur. no. 7:95-96 Jl '61.
Some problems in the pathogenesis and clinical characteristics of rheumatic lesions in the cardiovascular system [with summary in English]. A. A. Aivenberg and others. Vrach. delo no 12:48-54 D '61.
Study of the etiology and pathogenesis of vascular psychoses. Preliminary report. V. P. Kushelev. Trudy Gos. nauchno-issl. inst. psikh. 22:477-489 '60.
Treating hypertension and atherosclerotic cardiosclerosis in local sanatoria [with summary in English]. N E Kavetskii, I. V Ol'. Kardiologiia 1 no. 2:29-32 Mr-Ap '61.
Urgent problems in cardiovascular pathology. 12th Scientific Session of the Institute of Therapy of the Academy of Medical Sciences of the U. S. S. R. I. K. Shkhvatsabaia. Vest. AMN SSSR 16 no. 6:82-87 '61
Vascular diseases and the role of alcohol in them. V. M. Banshchikov, Z. V. Kosenko, G. M. Entin. Sov. med 25 no. 6:34-40 Je '61.

CARE OF THE SICK
Problems in mechanizing work processes in the diagnosis and treatment of patients [with summary in English] V. G. Frankovskaia. Sov. zdrav. 20 no. 6:39-43 '61

CARGO HANDLING
Potentials within ports are a source of increasing their traffic capacity. S. Postnikov. Rech. transp. 20 no. 11:5-9 N '61.

CARGO HANDLING—EQUIPMENT
Determining the indices of the ov level of loading and unloading o Mor. flot 22 no. 1:10-11 Ja '6

CARGO HANDLING—LABOR PRODU
Ways to improve the methods of tivity indices for loading and un sea harbors. Mor. flot 22 no

CARIES, DENTAL see Teeth—Di

CARNALLITE
Hydrolysis of carnallite in the co dewatering. E. I. Savinkova and khim. 34 no. 11:2555-2558 N

CAROTENE
Content of principal water-solubl in fresh and preserved donor's vich and others. Probl. gemat. 40-42 '62.
Treatment of trophic ulcers with carotene [with summary in Engl N. N. Antonik, I. A. Ulitina. Ves 30-33 '62.
Vitamin A and carotene content in duced in southern Tajikistan. M Zdrav. Tadzh. 8 no. 6:52-54 N
Vitamin A and carotene content o in children [with summary in En E. A. Ivanova, E. A. Lakotkina. no. 8:11-15 Ag '61.

CAROTID ARTERY
Significance of anastomoses among ramifications of the external and internal carotid arteries for the blood supply of the brain [with summary in English]. A M Blinova, N. M. Ryzhova Biul. eksp biol i med. 52 no. 8:3-8 Ag '61.

CAROTID ARTERY—DISEASES
Clinical aspects and surgical treatment of occlusion of the carotid arteries, survey of Soviet and foreign literature. R A Stegailov. Vest khir no. 7 125-134 '61.

CAROTID ARTERY—SURGERY
Case of surgical treatment of aneurysm of the internal carotid artery V. F. Litvinov, L. L. Shafranskii Vest. khir no 1:138-140 '62

CAROTID BODY—TUMORS
Tumors of the carotid gland. L. A. Atanasian. Vest. khir. no 6:105-107 '61

CARP see subdivision under Aral Sea, White Russia

CARPATHIAN MOUNTAIN REGION—FORESTS AND FORESTRY
Bring order to the exploitation and reproduction of Carpathian forests S Hensiruk Ukon. Rad., Ukr. no 6 94-101 N-D '61

CARPATHIAN MOUNTAIN REGION—NAMES, GEOGRAPHICAL
Rudnyts'kyi, IAroslav Bohdan. [Geographical names of Boikovia (Middle Carpathians)] Geografichni nazvy Boikivshchyny. Druhe spravlene vydannia pratsi "Nazwy geograficzne Bojkowszczyzny" z 1939 r. [Winnipeg] Nakladom UVAN, 1962. 246 p. (Ukrains'ka Vil'na Akademiia Nauk Serija: Nazvoznavstvo, nos. 23/24)

CARPATHIAN MOUNTAINS—FLOODS
Some problems in the formation of flash floods in the Ukrainian Carpathians. M. M Aivenberg, M. S Kaganer, A I Romov Trudy UkrNIGMI no 30:72-93 '61.

CARPATHIAN MOUNTAINS—FLYSCH
Vialov, O. S. [Paleogene flysch on the northern slope of the Carpathians] Paleogenovyi flish severnogo sklona Karpat. Kiev, Izd-vo Akad. nauk Ukrainskoi SSR, 1961 134 p.

CARPATHO-UKRAINE see Transcarpathia

CARPENTRY—HANDBOOKS, MANUALS, ETC.
Evstigov, A. I. [Advice for rural carpenters] Sovety sel'skomu plotniku. [Moskva] Mosk. rabochii, 1961. 123 p.

CARTILAGE
Stimulation for regeneration of the articular cartilage with fish liver oil and ASD preparation (3d fraction) [with summary in English] L I. Khvorostukhin. Biul eksp. biol i med. 52 no 10:98-100 O '61.

CARTOGRAPHY
(see also subdivision under Riga, United States)
Immediate problems in promoting the progress of fundamental topographico-geodetic operations. Geod. i kart. no. 1 3-9 Ja '62.
In the Moscow Branch of the Geographical Society of the U. S. S. R. IU. V. Arlstov. Geod. i kart. no. 12:40-51 D '61.
Preparing materials for the plotting of maps. V. A. Bratkovskii Geod. i kart. no. 11:40-41 N '61.

CASPIAN DEPRESSION—GEOLOGY, STRUCTURAL

Recent data on the tectonics of the western part of the southern Caspian Depression I. S. Gasanov Azerb neft khoz 40 no 9,1-3 S '61

CASPIAN DEPRESSION—RUNOFF

Mechanism of the discharge of deep underground waters into the Caspian Depression V N Kortsenshtein Dokl AN SSSR 142 no 3 667-669 Ja '62.

CASPIAN LOWLAND—AFFORESTATION

Akademiia nauk SSSR, Laboratoriia lesovedeniia. [Pure plantations in large troughs of the Caspian Lowland] Chistye kul'tury drevesnykh porod na bol'shikh padinakh Prikaspiiskoi nizmennosti. Moskva, Izd-vo Akad. nauk SSSR, 1961. 177 p.
(DA)

CASPIAN SEA

"Caspian Sea, its past, present, and future" by O. IU. Omarov Reviewed by V. Kondrashov, L. Arshinov, V Isai, Mor flot 22 no 1;47 Ja '62

CASPIAN SEA—HYDROGRAPHY

Synchronous surveys in the Caspian Sea V M Zhirnov Okeanologiia 1 no 6 1097-1099 '61

CASPIAN SEA—ICE

Institute of Geography of the Academy of Sciences of the Azerbaijan S S R A. A. Aliev. Izv AN Azerb SSR Ser. geol -geog nauk i nefti no. 3,100-101 '61.

CASPIAN SEA—MARINE FOULING

Fouling diatoms near the western shore of the Caspian Sea. N. I Karaeva. Trudy Inst okean 49;108-117 '61.

Fouling of hydraulic structures in the Caspian Sea. G. B Zevina Trudy Inst. okean 49:65-86 '61

Qualitative and quantitative changes in fouling in the Caspian Sea following the opening of the Volga-Don Canal. G. B. Zevina, I. V Starostin Trudy Inst okean 49;97-107 '61.

CASPIAN SEA—OCEANOGRAPHIC RESEARCH

Some results of research coordination in the Caspian Sea. K. K. Giul'. Biul Okean kom no. 8 10-11 '61

CASPIAN SEA—OIL WELL DRILLING, SUBMARINE

From the history of 19th century Azerbaijan petroleum production in Caspian Sea. S M Sultanzade. Azerb. neft. khoz. 40 no 11 30-32 N '61

CASPIAN SEA—UNDERWATER ACOUSTICS

Speed of sound propagation in waters of the Caspian and Aral Seas A N Spidchenko Okeanologiia 1 no 6 1020-1024 '61

CASPIAN SEA REGION—BENTHOS

Benthic fauna in the deltas of Pontocaspian rivers. F D Mordukhai-Boltovskoi Trudy Gidrobiol ob-va 11 136-149 '61

CASPIAN SEA REGION—RIVERS

Discharge of Iranian rivers in the Caspian Sea Basin. V. G. Zavriev, A. N Kosarev Izv. AN Azerb SSR Ser geol. -geog. nauki i nefti no. 4;117-120 '61

CAST IRON—FATIGUE

Effect of liquid media on the fatigue resistance of cast iron G. G. Maksimovich, F. P IAnchishin, G V. Karpenko. Nauch. zap IMA AN URSR. Ser mashinoved. 7 no. 7,32-36 '61

CAST IRON—METALLURGY see subdivision under Bulgaria

CAST IRON—TESTING

Bend test of gray cast iron. L. N. Nartsov, Standartizatsiia 26 no 1;44-46 Ja '62

CAST IRON PIPE see Pipe, Cast iron

CASTILE—AGRICULTURE

The agricultural level in the Castilian rural areas during the 13th and 14th centuries. S. V. Friazunov. Nauch. dokl. vys. shkoly; ist. nauki no. 2; 185-202 '61.

CASTOR OIL—ANALYSIS

Composition of seeds and oil from regionally adapted castor-oil plant varieties. N F. Dublianskaia, I. S. Grin'. Masl -zhir prom 27 no. 11;20-21 N '61/

CASTOR-OIL PLANT—VARIETIES

Composition of seeds and oil from regionally adapted castor-oil plant varieties. N. F. Dublianskaia, I S. Grin'. Masl. -zhir. prom 27 no 11;20-21 N '61.

CATALASE

Dynamics of some oxidative enzymes in the course of schizophrenia A. V. Olejnik. Vrach. delo no. 6;77-79 Je '61.

CATALYSIS

Synthesis of ammonia in the fluid-bed catalyst. V. N. Anokhin. Zhur. prikl. khim. 35 no. 1;37-42 Ja '62.

Testing an apparatus for the oxidation of concentrated sulfur dioxide in a fluidized catalyst bed. L P. Mukhlenov and others Khim. prom no. 11 770-775 N '61.

Thermal effect of the reaction of alcohol dehydration affecting the results of kinetic measurements A. A Balandin, V. Stshizhevskii, A. A. Tolstopiatova Vest. Mosk un Ser 2 Khim 17 no 1;30-33 Ja-F '62.

CATALYSIS—CONGRESSES

All-Union Conference on methods for determining the activity of catalysts M. G. Slin'ka Khim prom no 12;870-871 D '61

CATALYSTS

Economic aspects of the use of various catalysts for the catalytic cracking of a heavy feed stock A G. Strazh. Khim i tekh topl i masel 7 no 1 11-14 Ja '62.

Method of determining the activity of K-5 finely divided catalysts. V. S. Aliev, A. P. Kasimova, B. G. Ter-Sarkisov. Azerb. neft khoz 40 no 9 33-35 S '61

Studying the rate of thermal decomposition of methane on the surface of porous catalysts. G V Benevolenskaia, V V. Kel'tsev Trudy VNIIGAZ no 12 71-90 '61.

CATALYSTS, NICKEL

Elaidinization activity of nickel in the process of forming isooleic acids B N Tiutiunnikov, I V. Bogdan Maslzhir prom 27 no. 11;22-25 N '61.

CATARACT

Study of the chemical composition of the crystalline lens eye in radiation cataract L M Luzanova, A A Chubakov Med rad no 9 21-25 '61

CATHODE RAY OSCILLOGRAPH

Automatic construction of Mikhailov's hodograph. V. A. Brik Izv vys ucheb. zav , elektromekh 4 no. 12; 96-98 '61.

CATHODE RAY TUBES

Optical method for increasing contrast on the screens of electron-beam tubes A A Vol'kenshtein, Svetotekhnika 8 no 2 17-20 F '62

CATHODES

Concerning the maxima of the volt-ampere characteristics of Al-Al_2O_3-Ag cathodes G. S. Kreinina, Radiotekh i elektron 7 no. 1;182-184 Ja '62

Effect of "diving" and the sudden transition of the cathode spot on the new sections of the cathode. I. G. Kesaev. Vest. elektroprom. 31 no. 10 31-32 O '60.

Electrochemical reduction of nitric acid on passive and self-dissolving cathodes, E. N. Mikolubov. Zhur. prikl. khim. 35 no. 1;132-138 Ja '62.

CATIONS

Effect of metallic cations on the jellying power of sunflower pectin T K. Gaponenkov, Z I Protsenko Izv. vys ucheb. zav., pishch tekh no. 5 35-39 '61

CAUCASUS—BELEMNITES

New belemnite representatives from Aptian sediments in the southeastern Caucasus. Ak. A. Ali-zade. Izv AN Azerb. SSR, Ser geol. -geog. nauk i nefti no 4;39-56 '61.

CAUCASUS—CLIMATE

Zanina, A. A. [Caucasus] Kavkaz. Leningrad, Gidrometeoizd-vo, 1961. 289 p. (Klimat SSSR, no. 2)

CAUCASUS—EARTH—SURFACE

Some characteristics of the crustal subsurface geology of the Caucasus according to gravimetric data. L K Tatevosian. Izv. AN Arm. SSR, Geol. i geog nauki 14 no 5-31-42 '61

CAUCASUS—GEOLOGY, STRUCTURAL

Some characteristics in the development of geosynclinal volcanism as exemplified by the Sevan tectonic zone in the Lesser Caucasus. K. A. Mkrtchian. Izv. AN SSSR, Ser. geol. 27 no. 2;88-93 F '62.

Structure of the main range of the Greater Caucasus between Mount Elbrus and the Malaya Laba River. A. M. Demin. Izv. AN SSSR, Ser. geol. 27 no. 2;25-36 F '62.

CAUCASUS—ORE DEPOSITS

Isotope composition of lead in ore deposits of the Caucasus and Central Asia. A. I. Tugarinov, S. I Zykov Biul. Kom. po opr. abs. vozr. geol form. no. 4;66-76 '61.

CAUCASUS—ROCKS, CRYSTALLINE AND METAMORPHIC

Time formation of the crystalline substratum in the Caucasus. M. M. Rubinshtein. Biul. Kom. po opr. abs. vozr. geol. form. no. 4;59-63 '61.

CAUCASUS—SEISMOLOGY

Seismicity of the eastern part of the southern spurs of the Greater Caucasus and some problems of methodology in studying the seismicity of individual regions. Report No. 3. A. M. Bagdasarova and others. Izv. AN Azerb. SSR, Ser. geol. -geog. nauk i nefti no. 4;13-24 '61.

CAUCASUS, NORTHERN—GAS, NATURAL—GEOLOGY

Upper Cretaceous sediments. E. I. Stetiukha. Izv. vys. ucheb. zav. ;neft' i gaz 4 no. 6;50 '61.

CAUCASUS, NORTHERN—GEOLOGY, STRUCTURAL

Miocene tectonics of central Ciscaucasia. E. M. Borisenko Geol nefti i gaza 6 no 1;35-37 Ja '62

CAUCASUS, NORTHERN—ORE DEPOSITS

Characteristic conditions of the formation of the Faunal complex metal ore deposit A A Kurdiukov, Z. I Kurdiukova Izv vys ucheb zav , tsvet met 4 no 3 3-11 '61

CAUCASUS, NORTHERN—PETROLEUM GEOLOGY

Upper Cretaceous sediments. E. I Stetiukha. Izv. vys. ucheb. zav ,neft' i gaz 4 no 6-50 '61

CAUCASUS, NORTHERN—SOCIETY, PRIMITIVE

Forms of transition from a primitive communal system to a class society; based on materials for the Northern Caucasus. A. M. Ladyzhenskii. Nauch dokl. vys. shkoly, ist. nauki no. 2; 102-116 '61.

CAUCASUS IN LITERATURE

Life and poetry of southern peoples in Pushkin's works. G Filatova Sbor stud nauch. rab. po gum tsik MOPI 4 101-118 '60

CAUSATION

Causality is a part of the general relationship of phenomena. N. A. Kniazev. Nauch. dokl. vys. shkoly; filos. nauki 4 no. 3;98-105 '61.

CAVE DRAWINGS

Stone-age drawings in the Shakhty Cave [with summary in English] V. A. Ranov. Sov. etn. no. 6;70-81 N-D '61

CAVES see subdivision under Mingrelia; Rumania, Sovetskoye District (Chechen-Ingush A.S.S.R.)

CEDAR see subdivision under Gorno-Altai Autonomous Province

CELL DIVISION (BIOLOGY)

Correlations between the action of pyrimidine stimulators and inhibitors of cell growth and reproduction. N. V. Lazarev, G. I. Fellstovich Vop. onk 7 no. 8;65-72 '61

CELLS

Location of Kupffer's cells and their interrelation with epithelial cells of the liver Sh. R. Rasulov Med zhur. Uzb. no. 6;30-35 Je '61.

Morphology and specificity of Mikulicz's cells in scleroma [with summary in English]. A. N. Kniga. Zhur usb., nos. i gorl. bol. 21 no. 4;49-57 Jl-Ag '61

CELLULAR PATHOLOGY see Pathology, Cellular

CELLULOSE

Basic trends in the development of the production of fibrous intermediate products. N. A Rozenberger, V V. Naumov. Bum prom 36 no. 9;4-7 S '61

Cooking sulfite pulp in acid with sodium base. IU. N. Nepenin and others. Bum prom. 36 no. 9,23-26 S '61

Effect of ammonium base and cellulose hardness on the quality of alkalies and the production of alcohol G. A. Kalistratov, Z. IA. Skvortsova, O. P. Golubeva Bum prom. 36 no 10 12-13 O '61.

Effect of cellulose on the hydration of salts. G. V. Nemirov, M S. Ostrikov. Uch. zap. RGU 41 161-172 '58.

Effect of the moisture regime of peat soils on the formation of substances composing the mechanical tissues of plants. V. M. Terent'ev, I. N. Konovalova Dokl. AN BSSR 5 no. 11;511-514 N '61.

Morphological and chemical composition of reed pulp. F. F. Debrentsev. Bum. prom. 36 no. 10 6-8 O '61.

Preparation of cellulose copolymers and its derivatives by means of ultraviolet radiation (from "J. Appl. Polyme Science," no. 7, 1960). Plast. massy no. 10;71 '61.

Sulfite cellulose made of sawdust. E. A. Basmanova, A. M Sazanova. Bum. prom. 36 no. 10-17 O '61.

"Technology and automation of cellulose production" by N. A Baranov, B. G. Grobovskii Reviewed by B. P. Osanov Bum. prom. 36 no 10;30 O '61.

Trends in the development of the chemistry of cellulose. Z. A. Rogovin Vest. AN SSSR 32 no. 1;24-30 Ja '62

"Wood and cellulose chemistry" by V. M. Nikitin. Reviewed by K. A. Dolgov. Bum. prom. 36 no. 12;28-29 D '61.

CELLULOSE—PHYSIOLOGICAL EFFECT

Pharmacology of methylcellulose [with summary in English]. IA. I. Khadzhai, L. B. Shaposhnikova. Farm. i toks. 24 no. 3;342-346 My-Je '61.

CELLULOSE ACETATE

Potentiometric determination of acids in mixtures of cellulose acetate production. E. A. Emelin, G. P. Sviatunova. Zav. lab. 27 no. 12;1458-1459 '61

CELLULOSE DYEING see Dyes and dyeing—Cellulose

CELLULOSE LIQUOR see Sulfite liquor

CELLULOSE XANTHATES

Production and partial xanthation of tetrahydropyranyl-β-D-glucopyranoside P. Garegg Zhur. prikl khim. 34 no.12:2771-2774 D '61.

CEMENT

Investigating heat-resistant cement compositions based on liquid glass having high electrical insulating properties Zhur prikl khim. 34 no 12:2613-2622 D '61

Invisible cement factory. L. Cherepanov. Tekh. mol 29 no. 12 7-8 '61.

Kitaev, E.N. [The best cements for the manufacture of asbestos-cement materials] Optimal'nye tsementy dlia proizvodstva asbestotsementnykh materialov. Moskva, Otdel nauchno-tekhn. informatsii, 1959. 71 p. [MICROFILM]

Possibility of burning silica clinkers on a firing grate. M. F. Chebukov, V. A. P'iachev. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 4, 643-646 '61.

Some properties of cement containing an admixture of latex. Iu. S. Cherkinskii, V. M. Kalashnikova, V. L. Smelianskii. Sbor. trud. VNIINSM no. 2 174-190 '60.

Use of some types of mixed cements in gas well cementing. N. A. Lutsenko. Nauch. zap. Ukrnitiproekta no. 4 37-41 '61.

CEMENT—STANDARDS

Cements. S. P. Vasil'ev. Standartizatsiia 26 no. 1: 59-60 Ja '62

CEMENT CLINKERS

Classification of Portland-cement clinker according to its microstructure. S. A. Fataliev Izv AN Azerb SSR, Ser. geol.-geog. nauk i nefti no 5, 119-124 '61

CEMENT INDUSTRIES

(see also subdivision under Akhangaran; Mazeikiai; United States; Volkovysk)

Leaders of technological progress. N. Krupenkov. Part. zhizn' no. 3 34-38 F '62.

CEMENTS, ADHESIVE

Polymer and cement mortar for tiling. V. Smelianskii. Stroitel' no. 11:23-24 N '61.

CENTAUREA see subdivision under Sayan Mountains

CENTRAL ASIA see Asia, Central

CENTRAL ASIA, SOVIET see Soviet Central Asia

CENTRAL BLACK EARTH REGION—PHYSICAL GEOGRAPHY

Results of dividing the Central Black Earth Region into physicogeographical regions. F. N. Mil'kov. Vop. geog. no. 55:42-48 '61.

CENTRAL RUSSIAN UPLAND—CHERRY

Northern limit of the steppe cherry Cerasus fruticosa (Pall.) Woron. in the Central Russian Upland. III E. Alekseev. Vest. Mosk. un. Ser. 6: Biol., pochv. 16 no. 6:53-59 N-D '61

CENTRIFUGAL PUMPS

Wear of shafts in centrifugal pumps. Sakh. prom. 35 no. 11 46 N '61.

CENTRIFUGAL PUMPS—TESTING

Automatic instrument for recording the characteristics of centrifugal pumps. A. A. Kozobkov, A. S. Messerman Prom. energ. 16 no. 6:11-16 Je '61.

CENTRIFUGES

Automation of suspended centrifugal machines at the Beslan Corn Processing M. V. Burmatsev. Sakh. prom 35 no. 11 61-66 N '61

Centrifuge for removing water from reservoirs. N. Sirenko. Tyl i snab. Sov. Voor. Sil 21 no. 11:87-88 N '61.

New design of filtration screens for UV-1 coal centrifuges. I. K. Lazarev. Koks i khim. no 9:59-61 '61.

CERAMIC INDUSTRIES see subdivision under Moscow

CERAMIC INDUSTRIES—EQUIPMENT AND SUPPLIES

Automatic rotary lines for manufacturing ceramic parts. V. N. Alekseev. Mekh. i avtom. proizv. 16 no. 1:6-8 Ja '62.

Stabilization and remote control of the consumption of liquid fuel in industrial furnaces. A. E. Fradkin, I. S. Rozenblium. Trudy GIEKI no. 4:93-98 '60.

CERAMIC MATERIALS

(see also subdivision under Rumania)

Extend the use of ceramic materials. A. S. Steshin. Mashinostroitel' no 1:22 Ja '62.

Moroz, I. I. [Automation of the production of structural ceramics] Avtomatizatsiia proizvodstva stroitel'noi keramiki. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1961. 207 p.

CERAMIC MATERIALS—ANALYSIS

Effect of the mineralogical composition of the body on the mechanical strength of high-voltage porcelain. G. N. Voronkov, G. N. Maslennikova, A. F. Buchenkova. Trudy GIEKI no. 4:17-25 '60.

CERAMIC METALS

Alumina-base ceramic materials for making a grinding medium. G. N. Maslennikova, A. F. Buchenkova. Trudy GIEKI no. 4 25-34 '60.

Tret'iakov, V. I. [Ceramic-metal hard alloys, physicochemical principles of their production, properties and fields of use] Metallokeramicheskie tverdye splavy, fiziko-khimicheskie osnovy proizvodstva, svoistva i oblasti primeneniia. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1962. 592 p. [MICROFILM]

CERAMIC METALS—HEAT TREATMENT

Effect of heat treatment on the electric conductivity of semiconductors in the system $ZnO - TiO_2$. Kh. S. Valeev, M. D. Mishkovich. Trudy GIEKI no. 4:70-80 '60.

CERAMIC METALS—TESTING

Strength analysis of capron and ceramic-metal bushings at normal and lower temperature S. F. Chukmasov and others Vest. mash. 42 no 1:48-51 Ja '62.

CERAMICS

(see also subdivision under Konakovo)

Binder removal from semifinished ceramic products prepared by thermoplastic slip casting. A. V. Avdeev, E. A. Takher. Trudy GIEKI no. 4:86-92 '60.

Effect of iron oxides on certain properties of steatitic materials. P. P. Budnikov, G. V. Belinskaia. Trudy GIEKI no. 4 47-56 '60.

Investigating certain processes of hydrostatic pressing in rubber molds. A. A. Zviagil'skii, M. I. Timokhova. Trudy GIEKI no. 4 106-120 '60.

Steatite with an expanded temperature range of vitrification. P. G. Avetikov and others. Trudy GIEKI no. 4: 34-46 '60

CERAMICS—DRYING

Remote control of drying conditions. P. I. Soldatov. Trudy GIEKI no. 4:99-106 '60.

CERAMICS—ELECTRIC PROPERTIES

Behavior of ceramic dielectrics under the effect of hard γ-rays A. S. Kostinkov, T. M. Smirnova. Trudy GIEKI no. 4 120-127 '60.

CEREBELLUM

Influence of removal of the cerebellum on motor conditioned reflexes in dogs [with summary in English]. V. V. Fanardzhian Zhur. vys. nerv. deiat. 11 no. 5 920-926 S-O '61

CEREBELLUM—ABSCESS

Diagnostic and therapeutic difficulties in cases of multiple abscesses of the cerebellum [Ceskoslov. otolar.," No. 2, 1960]. Zhur. ush., nos. i gorl. bol. 21 no 4:87 Jl-Ag '61.

CEREBELLUM—TUMORS

On "familial" angioreticulomatosis of the cerebellum (Hippel-Lindau disease) [with summary in English]. I. S. Babchin Vop. neirokhir. 25 no 1:54-59 '62.

CEREBRAL ARTERIOSCLEROSIS

Arterial pressure in acute psychoses in patients with cerebral atherosclerosis. G. V. Stoliarov. Trudy Gos. nauchno-issl. inst. psikh. 22 223-232 '60.

Characteristics of the intellectual activity of patients with the initial phases of cerebral atherosclerosis. B. V. Zeigarnik. Trudy Gos. nauchno-issl. inst. psikh. 22:313-325 '60.

Characteristics of the paranoid syndrome in cerebral atherosclerosis. A. F. Kol'tsova. Trudy Gos. nauchno-issl. inst. psikh. 22 176-188 '60.

Clinical and statistical data on patients with cerebral atherosclerosis with mental disorders. G. V. Stoliarov. Trudy Gos. nauchno-issl. inst. psikh. 22:136-146 '60.

Clinical aspects and pathogenesis of the hallucinatory-paranoid syndrome in cerebral atherosclerosis in old age. Preliminary report. I. A. Maslov. Trudy Gos. nauchno-issl. inst. psikh 22,164-175 '60

Clinical characteristics of initial mental disorders in cerebral atherosclerosis. I. N. Bobrova. Trudy Gos. nauchno-issl. inst. psikh. 22:125-148 '60.

Delimitation of presenile psychoses from other age-related forms and cerebral atherosclerosis. P. D. Fridman. Trudy Gos. nauchno-issl. inst. psikh. 22:231-241 '60.

Disturbances in the conditioned reflex activity in patients with cerebral atherosclerosis with mental changes. Preliminary report. V. I. Savchuk, G. A. Mashanova. Trudy Gos. nauchno-issl. inst. psikh. 22:287-302 '60.

Electroencephalographic studies of patients with initial mental disorders in cerebral atherosclerosis. Preliminary report. I. N. Bobrova, Iu. N. Fedorovskii. Trudy Gos. nauchno-issl. inst. psikh. 22:303-312 '60.

Influence of the emotional factor in the development of cerebral atherosclerosis. K. A. Bobkova, V. V. Gromova. Trudy Gos. nauchno-issl. inst. psikh. 22:88-97 '60.

Mental disorders in patients with atherosclerosis of the vessels of the brain. V. M. Banshchikov. Trudy Gos. nauchno-issl. inst. psikh. 22:3-33 '60.

Morphological changes in the brain in cases of combined alcoholism and and atherosclerosis. A. P. Levkovich-Sokolova, P. B. Kazakova, L. I. Il'ina Trudy Gos. nauchno-issl. inst. psikh. 22:447-476 '60.

Pathoanatomical changes in a case combining late cerebral injury and atherosclerosis P. B. Kazakova Trudy Gos. nauchno-issl. inst. psikh. 22 490-501 '60.

Pathophysiological characteristics of patients with initial mental disorders in cerebrovascular atherosclerosis. I. N. Bobrova. Trudy Gos. nauch.-issl. inst. psikh 22:273-286 '60

Psychotherapy in the clinical aspects of cerebral arteriosclerosis. I. M. Vish. Trudy Gos. nauchno-issl. inst psikh. 22:126-135 '60

Role of psychogenia in the etiology of mental disorders in cerebral atherosclerosis I. M. Giul'nazarian, I. F. Zhebrovskaia Trudy Gos. nauchno-issl. inst. psikh. 22:98-107 '60

Role of the brain injury, infections, and intoxications in the genesis of cerebral atherosclerosis with mental disorders. Report No 1. A. M. Chirkov. Trudy Gos. nauchno-issl inst psikh 22 75-87 '60.

Senesthopathic-hypochondriacal syndrome in patients with atherosclerosis of the vessels of the brain. Z. V. Kosenko. Trudy Gos nauchno-issl inst. psikh. 22 149-163 '60

Some biochemical indices of the blood of patients with mental disorders caused by cerebral atherosclerosis and hypertension. Preliminary report. I. N Bobrova, I. S. Romanova. Trudy Gos. nauchno-issl. inst psikh. 22:355-362 '60

Some immunological characteristics of vascular diseases (atherosclerosis of the brain and hypertension) with mental disorders. V. V. Kvirikadze and others. Trudy Gos. nauchno-issl. inst psikh. 22:370-379 '60.

Study of heredity in patients with cerebral atherosclerosis I. M. Giul'nazarian, I. F. Zhebrovskaia. Trudy Gos. nauchno-issl. inst. psikh. 22:106-116 '60

Syndrome of Parkinsonism in patients with cerebral atherosclerosis. G. A. Mashanova. Trudy Gos. nauchno-issl. inst. psikh. 22:180-200 '60.

Treatment of sleep disturbances in patients with cerebral atherosclerosis. P. I. Lebedinskaia. Trudy Gos. nauchno-issl. inst. psikh. 22:300-304 '60.

Treatment with neuroleptic drugs (reserpine, aminazine) for patients with cerebral atherosclerosis and hypertension with mental disorders. Preliminary report. G. K. Tarasov. Trudy Gos. nauchno-issl. inst. psikh. 22 305-107 '60

CEREBRAL CONCUSSION see Brain—Concussion

CEREBRAL CORTEX

Analysis of cortical and subcortical relations in experimental epilepsy F. P. Vedinov. Fiziol. zhur 47 no 6:711-720 Je '61.

Changes in the cerebral cortex of white rats following some pathological effects. V. N. Miasishchev and others Arkh. pat. no 1 70-76 '62

Changes in the electrical activity of the cerebral cortex in partial injuries of the brain stem. S. P. Narikashvili, P. S. Moniava. Vop. neirokhir. 25 no. 1:26-33 '62.

Characteristics of electrical activity of the cerebral cortex in the newborn under various conditions [with summary in English]. I. I. Gokhblit. Biul. eksp. biol i med. 52 no. 8:12-17 Ag '61.

Effect of ionizing radiations on the electrical activity of the neurons on different levels of the cerebral cortex in rabbits. L. I. Kaburneeva. Med. rad. no. 7:49-53 '61.

Effect of tetanic stimulation of the sensory-motor cortex on the thalamus relay nucleus. S. P. Narikashvili, E. S. Moniava, S. M. Butkhuzi. Fiziol zhur. 47 no 7: 863-871 Jl '61.

Individual variability of structural characteristics of the human cerebral cortex [with summary in English] S. A. Sarkisov, N. S. Preobrazhenskaia Zhur. vys. nerv. deiat. 11 no 5 806-813 S-O '61.

Mechanism of the influence of the reticular formation on responses from the visual region of the cerebral cortex [with summary in English]. E. S. Moniava, D. V. Kadzhaia, S. P. Narikashvili. Zhur. vys. nerv. deiat. 11 no 5 868-877 S-O '61.

Problem of stationary excitation and changes in the stable potential of the cerebral cortex in dominance and conditioned reflex formation V. S. Rusinov. Zhur. vys. nerv. deiat. 11 no. 5 776-784 S-O '61.

Silicon content in human cerebral cortex [with summary in English]. V. A. Del'va. Biul. eksp. biol. i med. 52 no. 8:59-62 Ag '61.

CEREBRAL HEMORRHAGE see Apoplexy

CEREBROSPINAL FLUID

Permeability of the hematoencephalic barrier to vitamin B_{12}, clinical investigations. L. I. Avorkovskii. Vit. res. i ikh isp. no. 5:210-219 '61.

CEREBROSPINAL MENINGITIS see Meningitis, Cerebrospinal

CEREBROVASCULAR DISEASE

Clinical and statistical materials on the incidence of vascular psychoses as revealed by data from the psychoneurological hospitals of the R.S.F.S.R. I.Z. Kopshitser. Trudy Gos.nauchno-issl.inst psikh. 22 64-74 '60.

Differential diagnosis of atherosclerotic feeble-mindedness in Alzheimer's disease. D.B.Golant. Trudy Gos.nauchno-issl.inst.psikh. 22 242-262 '60.

Disturbance in the tempo of motor-sensory reactions in patients with cerebrovascular diseases. V.A Vasil'eva. Trudy Gos.nauchno-issl.inst.psikh. 22 337-354 '60.

Method for studying visual and motor co-ordination in patients with cerebrovascular diseases. S.IA.Rubinshtein. Trudy Gos.nauchno-issl.inst.psikh. 22:326-335 '60.

Permeability of the hemato-encephalic barrier and of the skin capillaries in patients with cerebrovascular diseases with mental disorders Preliminary report. M.IA.Maizelis, I.A.Maslov, T.E.Romel'. Trudy Gos. nauchno-issl.inst.psikh 22 363-369 '60.

Present status of the problem of mental disorders in patients with vascular diseases of the brain and tasks in studying it. V.M.Banshchikov, G.V.Stoliarov. Trudy Gos.nauchno-issl.inst.psikh. 22:34-48 '60.

Pseudoparalytic syndrome in vascular diseases of the brain. P.B.Posvianskii. Trudy Gos.nauchno-issl. inst.psikh. 22:201-222 '60.

So-called post-apopletic feeble-mindedness. D.B. Golant. Trudy Gos.nauchno-issl.inst.psikh. 22:263-272 '60.

Study of the vascular pathology of the brain by Russian physicians in the 19th century. G.V.Arkhangel'skii. Trudy Gos.nauchno-issl.inst.psikh. 22 49-63 '60.

Therapeutic effect of the ganglion-blocking drug, dicoline, in the treatment of cerebrovascular diseases. Preliminary report. G.M.Entin, V.V.Gromova. Trudy Gos.nauchno-issl.inst.psikh. 22 408-419 '60.

Treating cerebral atherosclerosis by subcutaneous injection of sodium iodide. P. G. Medinskii. Vrach. delo no.12;144-145 D '61.

Tumorous syndrome in cerebral circulatory disorders. M.I.Kholodenko. Sov.med 25 no 8;80-86 Ag '61.

Vascular diseases of the brain in young persons. I.Z. Kopshitser. Trudy Gos.nauchno-issl.inst.psikh. 22:117-124 '60.

CERESIN see subdivision under Borislav region

CERIUM—ISOTOPES

Distribution of radioactive cerium-144 in different components of a body with regard to the deactivation of water. T.A.Vlasova. Trudy Komi fil.AN SSSR no 9; 48-52 '60.

CESAREAN SECTION

Rare late complication following cesarean section E.I. Gasparian, S M.Gevorkian. Akush.i gin no.5 117-118 '61.

CESIS—GUIDEBOOKS

Anspak,A. [Cesis; guidebook for the city and its environs] TSesis; putevoditel' po gorodu i ego okrestnostiam. Riga, Latvitskoe Gos. izd-vo, 1960. 201 p. [MICROFILM]

CETACEA, FOSSIL see subdivision under Sumgait Valley

CESTODA see subdivision under Soviet Far East

CEYLON—RELATIONS (GENERAL) WITH RUSSIA

Light of peace is in their eyes. R. A. Vidjidasa. Kul't. i zhizn' 5 no. 8;37 '61.

CHAIN (SHIP)

The new oceanographic ship of the United States. N. N. Sysoev. Biul.Okean.kom. no. 8;55-58 '61.

CHAIRS

Chairs made of glass-reinforced plastics. E S. Levandovskii, B. K. Kordonskaia. Der. prom. 11 no. 2;20 F '62.

CHALCEDONY

Chalcedonies of northern Europe, Siberia, and the Far East and their prospective utilization. L.M. Gromov. Probl.Sev. no.4;145-150 '61.

CHAMBER ORCHESTRA see subdivision under Moscow

CHAPLIN, CHARLES, 1889-

"Charles Spencer Chaplin" by G.A.Avenarius; "Charlie Chaplin" by A. Kukarkin. Reviewed by N.Abramov. Isk.kino no.7;119-122 Jl '61.

Charlie Chaplin's action in the defence of the U.S.S.R. in 1942. N.S.Isaev. Ist.arkh. 7 no.3;275-276 My-Je '61.

From Paris to Vevey. Lav.Sheinin. Oktiabr' 38 no.8; 173-185 Ag '61.

CHARDZHOU PROVINCE—DRAINAGE RESEARCH

Use of piezometers in investigating the work of collecting drainage lines. O. Berdyev. Gidr.i mel. 14 no.1; 49-51 Ja '62.

CHARTAK—MINERAL WATERS

Effect of Chartak mineral water on certain gastric functions in dogs. K.A. Makhonina. Med zhur Uzb. no.6;29-32 Je '61.

Treatment of dystrophic polyarthritis with Chartak mineral water T V Tolkacheva Med. zhur. Uzb. no 6;27-29 Je '61.

CHATKAL RANGE—FLUORSPAR

Fluorspar of Central Asia IU. I. Edovin, G. M Utekhin. Dokl AN SSSR 142 no 3 674-676 Ja '62

CHEBOTAREV, ALEKSANDR STEPANOVICH, 1881-

Professor Aleksandr Stepanovich Chebotarev's 80th birthday Geod i kart. no 12;52-54 D '61

CHEBYSHEV, PAFNUTII L'VOVICH, 1821-1894

Story of a pattern. N. Raskin. Neva no. 6-222 '61.

CHECHEN-INGUSH A.S.S.R —EDUCATION, PRE-SCHOOL

In the Chechen-Ingush A. S. S. R. L. Opicsnina. Doshk. vosp 35 no 1,20-22 Ja '62

CHEKHOV, ANTON PAVLOVICH, 1860-1904

"Chekhov's ties with the Ukraine" by M. O. Levchenko. Reviewed by N. R. Ilanzha Rad lit. 5 no. 4,144-146 Jl-Ag '61.

Theme of art in A. P. Chekhov's play "Sea gull." I I Atropola. Sbor stud. nauch. rab. po gum. taik MOPI 4:119-136 '60.

CHELYABINSK—COKE OVENS

Changes in the method of pitch preparation. I. P. Dobrovol'skii, A. R. Kostenko, A. P. Chervov. Koks i khim no 8;33-34 '61.

CHELYABINSK—COMMUNIST YOUTH LEAGUE

Workdays full of the romantic V Marachevskii, F TSivenko Komsom zhizn' no. 13 6-8 Jl '61

CHELYABINSK—FIRE EXTINCTION—SOCIETIES, ETC.

The banner is flying. N. IUr'ev. Pozh. delo 8 no. 1 3-5 Ja '62.

CHELYABINSK—GUIDEBOOKS

Ivantsova, M. IA. [Chelyabinsk, concise guidebook] Cheliabinsk, kratkii putevoditel'. [Cheliabinsk] Cheliabinskoe knizhnoe izd-vo, 1961. 122 p. [MICROFILM]

CHELYABINSK—TRACTOR INDUSTRY

Integrated brigades save metal. IA. R Bukhman Mashinostroitel' no 1 9-10 Ja '62.

CHELYABINSK BASIN—COAL GEOLOGY

Stratigraphy of the northern part of the Chelyabinsk brown coal basin. V. D. Boiakova, V. P. Vladimirovich. Inform.sbor. VSEGEI no. 12:105-120 '61.

CHEMICAL APPARATUS

Design of multistage apparatus with a fluidized bed of granular material. L A Akopian Khim. prom no. 11: 769-770 N '61

Testing an apparatus for the oxidation of concentrated sulfur dioxide in a fluidized catalyst bed. I P Mukhlenov and others. Khim. prom no 11 770-775 N '61.

Tools of analysts. I. Efimov. Nauka i zhizn' 28 no. 10; 40-45 O '61.

CHEMICAL APPARATUS—MODELS

Working models for nitric acid production. I.S. Soldatenkova. Khim. v shkole 17 no. 1;79-82 Ja-F '62.

CHEMICAL BONDS

Covalent atomic radii in multiple bonds. G. B. Bokii, L. O. Atovmian. Zhur. strukt. khim. 2 no. 3:308-311 My-Je '61.

CHEMICAL COMPOSITION OF THE EARTH see Geochemistry

CHEMICAL ENGINEERING

Let us go to work, comrades! Toward new victories of communism! Zav. lab. 27 no.12 1443-1444 '61.

Obtaining information on the course of chemical processes during their automation. V. N. Treier, V. I. Obukhov. Dokl AN BSSR 5 no. 12;548-549 D '61.

CHEMICAL ENGINEERING—EQUIPMENT AND SUPPLIES

(see also subdivision under Czechoslovakia; Ukraine)

Design of contact apparatus with adiabatic beds of catalysts for the oxidation of sulfur dioxide (design of contact apparatus with intermediate heat exchangers). M. G. Slin'ko, V. S. Beskov. Khim. prom. no. 12;826-831 D '61.

High pressure apparatus with an airtight drive (review). P. I. Luk'ianov. Khim. i tekh. topl. i masel 6 no. 12 66-67 D '61.

CHEMICAL INDUSTRIES

(see also subdivision under Czechoslovakia; Fergana; Georgia; Germany, East; Navoi, Poland)

"Concerning the economics of the chemical industry of the U. S. S. R." by N. P. Fedorenko, E. S. Savinskii. Reviewed by M. M. Fedorovich. Khim. prom. no. 12; 874-875 D '61.

Electronic calculating machines for accounting and control in the chemical industry abroad. V.V Lukin, Z.V. Kir'ianova. Khim. i tekh. topl i masel 7 no 2 49-52 F '62.

How to solve the problem of the optimal management of chemical enterprises I. M. Dudkin Vest. Mosk. un. Ser. 8;Ekon., filos. 17 no. 1;18-26 Ja-F '62

Intensifying the drive for communist labor in chemical plants. A.E Sergeev. Khim. prom. no. 1-1-7 Ja '62.

Party program and objectives of the chemical industry V S Fedorov Khim prom no 11 743-750 N '61

Role of applied chemistry in a further growth of the industry of the U.S.S.R Zhur. prikl. khim 34 no. 11: 2365-2369 N '61

Seminar on the automation of chemical industries. S. V. Kuznetsov. Khim. prom. no 12;872-873 D '61

We shouldn't waste heat. D. Gamburg. Ovt. na vop rab. no. 12 58-61 '61.

CHEMICAL INDUSTRIES—BIBLIOGRAPHY see Bibliography—Chemical industries

CHEMICAL INDUSTRIES—EQUIPMENT AND SUPPLIES—STANDARDS

Standardization of equipment for the chemical industry. IA. V. Shulko Standartizatsiia 26 no 1:26-28 Ja '62

CHEMICAL KINETICS see Chemical reaction, Rate of

CHEMICAL LABORATORIES

Standard laboratories for chemical enterprises. B. E. Berkman Khim. prom. no 9 18-23 S '61

CHEMICAL LABORATORIES—EQUIPMENT AND SUPPLIES

Development and improvement of equipment and visual aids for teaching chemistry in secondary schools. L. A. Dubynin. Khim. v shkole 17 no. 1:70-79 Ja-F '62.

CHEMICAL MODELS

Methods for the development of experimental data in modeling the processes of heterogeneous chemical transformation of substances I. M. Artiukhov. Khim. i tekh topl i masel 6 no 12 53-57 D '61.

CHEMICAL PLANTS

Computation of the technical and industrial plan of a chemical enterprise by the method of matrix calculus M M Fedorovich and others. Khim. prom. no 9 44-49 S '61.

Improve the techniques of model designing with gradual development of the design problem. E. P. Birkgan. Khim prom no 9 14-17 S '61.

Mechanization of engineering calculations with the help of desk computers. V. IA. Magalif, V. I. Korneev. Khim. prom. no. 9:50-52 S '61.

Some organizational problems in designing chemical plants V V. Nezhinskii. Khim prom no 9 1-4 S '61.

Utilization of the method of dimensional designing. V. K. Popov. Khim prom no. 9 72 S '61.

CHEMICAL PLANTS—HEATING AND VENTILATION

Practice in the operation of condensate collection and return systems in a coke chemical plant. L. I. Ivakhniuk. Prom. energ. 16 no. 6;29-30 Je '61.

CHEMICAL PLANTS—MODELS

Use of models in designing is a means of increasing the technical level of assembling and special operations in construction. A. L. Zil'berberg Khim prom no 9 5-7 S '61.

Using models for designing in the Giproorkhim Institute. G. A IAkovlev Khim. prom. no. 9:7-11 S '61

CHEMICAL PLANTS—SAFETY MEASURES

Safety problems in designing plants for large-scale chemical industry. B.L.Kaner. Bezop. truda v prom. 5 no. 12:1-2 D '61.

CHEMICAL REACTION—CONDITIONS AND LAWS

Determination of optimum conditions for chemical processes by the use of methods of mathematical statistics. I. Kh. Aganin, E. V. Markova, V. I. Zvinginteeva. Khim. prom. no. 12;843-849 D '61

CHEMICAL REACTION, RATE OF

Dependence of the reaction rate on the nature of interacting substances and on the degree of conversion during mechanical mixing. N. N. Smirnov, I. S. Pavlushenko, P. G. Romankov. Zhur. prikl khim. 35 no. 1: 90-95 Ja '62.

Kinetics of chemical reactions in a fluidized catalyst bed. O. IA Polotniuk. Khim. prom. no. 11:763-766 N '61.

Reaction rate of decomposition of ammonium nitrite solutions. D IA. Itkina, M. A. Mintovich, T. I. Nazarova. Zhur. prikl. khim. 35 no. 1:43-47 Ja '62.

CHEMICAL REACTIONS

Chemical reactions in spectrum analysis. V. V. Plastinin, R S. Fridman. Izv. vys. ucheb. zav.; fiz. no. 6:176-177 '61.

Methods for the development of experimental data in modeling the processes of heterogeneous chemical transformation of substances. I. M. Artiukhov. Khim. i tekh. topl i masel 6 no. 12 53-57 D '61.

CHEMICAL REACTIONS (Continued)
Spectroscopic study of the effect of the medium on the reactive capacity of benzene substituted. V. I Danilova Izv. vys. ucheb. zav , fiz no. 6 66-73 '61

CHEMICAL REDUCTION see Reduction, Chemical

CHEMICAL STRUCTURE
Arbuzov, A. E. [A. M. Butlerov, the great Russian chemist; 100th anniversary of the theory of chemical structure] A. M. Butlerov velikii russkii khimik, k 100-letiiu teorii khimicheskogo stroeniia Moskva, Izd-vo Akad. nauk SSSR, 1961. 42 p. (Nauchno-populiarnaia seriia)
Bibliography. Zhur. prikl. khim 35 no. 1 228-229 Ja '62.
Van der Vaals interaction of hydrocarbon molecules. N. P. Borisova, M V Vol'kenshtein. Zhur. strukt khim 2 no. 3:346-349 My-Je '61.

CHEMICAL TECHNOLOGY see Chemistry, Technical

CHEMICAL WARFARE—SAFETY MEASURES
Protection from weapons of mass destruction in a defensive position. S. Kurilenko, A. Shaliapin Voen vest 41 no. 7:37-39 Jl '61.

CHEMICALS
Riddles of ultrapure substances. IU. Fialkov Znan. ta pratsia no. 1:13 Ja '62.

CHEMICALS—PURIFICATION
Pure substance. L. Bobrov. Nauka i zhizn' 28 no. 10: 40-46 O '61

CHEMICALS, PHOTOGRAPHIC see Photographic chemicals

CHEMISTRY
Shevchenko, F. D. [Basic principles and laws of chemistry] Osnovni poniattia i zakony khimii. Kyiv, Tovarystvo dlia poshyrennia polit. i nauk, znan' URSR, 1961. 34 p.
Twenty-second Congress of the CPSU and prospects for the development of chemical sciences. Izv. AN SSSR, Otd. khim. nauk no. 1:3-18 Ja '62.

CHEMISTRY—ABSTRACTS
[Chemistry] Ref. zhur.: Khim. no. 1 Ja '62; Ukazateli za 1957-1958 gg., vol. 4, Predmetnyi ukazatel' T-Ia.

CHEMISTRY—AUDIO-VISUAL AIDS
Development and improvement of equipment and visual aids for teaching chemistry in secondary schools. L. A. Dubynin. Khim. v shkole 17 no. 1 70-79 Ja-F '62.

CHEMISTRY—BIBLIOGRAPHY see Bibliography—Chemistry

CHEMISTRY—LABORATORY MANUALS
Levant, G. E., and G. A. Raitsyn. [Laboratory work in general chemistry] Praktikum po obshchei khimii. Pod red. I. N. Putilovoi. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 277 p.

CHEMISTRY—PROBLEMS, EXERCISES, ETC.
Abkin, G. L. [Problems and exercises in general and inorganic chemistry; manual for the students of pedagogical institutes] Zadachi i uprazhnenila po obshchei i neorganicheskoi khimii; posobie dlia studentov pedagogicheskikh institutov. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 198 p.

CHEMISTRY—STUDY AND TEACHING
Arousing the cognitive activity of students in chemistry lessons. G. G. Gobova. Khim. v shkole 17 no. 1:64-69 Ja-F '62.
Atheistic education of ninth-grade students in chemistry lessons. A. S. V'Lalitsyn. Khim. v shkole 17 no. 1:51-57 Ja-F '62.
Coordinated teaching of chemistry in schools of secondary and higher education. G. P. Khomchenko. Khim. v shkole 17 no. 1:40-50 Ja-F '62.
Independent work of students with textbooks in adult schools. T. I. Shushanskaia. Khim. v shkole 17 no. 1:68-03 Ja-F '62.
Respublikanskii institut usovershenstvovaniia uchitelei. [From the work practice of chemistry and biology teachers] Iz opyta raboty uchitelei khimii i biologii. Ashkhabad, Turkmenskoe gos. uchebno-pedagog. izd-vo, 1961. 21 p. (Bibliotechka uchitelia)
Russia (1917- R. S. F. S. R.) Ministerstvo prosveshcheniia. [Secondary school programs for the 1961-1962 school year; chemistry, grades 8-10] Programmy srednei shkoly na 1961/62 uchebnyi god; khimiia, VIII-X klassy. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 22 p.

CHEMISTRY, ANALYTICAL
Exchange of experience. Zav. lab. 27 no. 12:1474 '61.
From the history of analytical chemistry. Nauka i zhizn' 28 no. 10-46 O '61.
Gotland, M. I. [Equipment for luminescence analysis] Apparatura dlia luminestsentnogo analiza. Moskva, Gos. energ. izd-vo, 1961. 127 p.
Mikheeva, L. M., and N. B. Mikheev. [Radioactive isotopes in analytical chemistry] Radioaktivnye izotopy v analiticheskoi khimii. Moskva, Gos. izd-vo lit-ry v oblasti atomnoi nauki i tekhn., 1961. 98 p.

CHEMISTRY, BOTANICAL see Botanical chemistry

CHEMISTRY, FORENSIC
Isolation of granosan in forensic chemistry investigations. N. S. Mikriukova. Trudy Perm. farm. inst. no. 1: 175-177 '59.

CHEMISTRY, INORGANIC—CLASSIFICATION
Systematic classification of inorganic cyclic compounds. I Haiduc. Zhur. strukt. khim. 2 no. 3:374-382 My-Je '61.

CHEMISTRY, INORGANIC—STUDY AND TEACHING
"Inorganic chemistry in questions and answers" by Erich Tillo. Reviewed by V. P. Bol'shukhin. Khim. v shkole 17 no. 1 90-91 Ja-F '62.

CHEMISTRY, LEGAL see Chemistry, Forensic

CHEMISTRY, ORGANIC
Zhiriakov, V. G. [Organic chemistry] Organicheskaia khimiia. Moskva, Gos. nauchno-tekhn. izd-vo khim lit-ry, 1961. 380 p.

CHEMISTRY, ORGANIC—BIBLIOGRAPHY see Bibliography—Chemistry, Organic

CHEMISTRY, ORGANIC—STUDY AND TEACHING
Elucidating the development of communism in the organic chemistry course. L. A. TSvetkov. Khim. v shkole 17 no. 1:27-39 Ja-F '62.

CHEMISTRY, ORGANIC—SYNTHESIS
Some particular features of the planning and design of organic synthesis plants V I Zhidkov Khim prom no 11 812-816 N '61

CHEMISTRY, PHYSICAL AND THEORETICAL
Effect of the structure of strong electrolyte solutions on thermodynamic properties A I. Gorbanev, IU M. Kessler, V. V. Krylov. Zhur. strukt. khim 2 no. 3:260-267 My-Je '61.
Remarks on the theory of transeffect. A. F. Kapustinskii. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 4.533-537 '61.
Substantiation for the decomposition of the π-electron energy of aromatic condensed molecules into bonds in various versions of the simplest molecular orbital method. N. F. Stepanov, V. M. Tatevskii Vest. Mosk. un. Ser. 2 Khim 17 no. 1:26-29 Ja-F '62.
Transeffect and electronegativity. A. F. Kapustinskii. Izv. vys. ucheb. zav. khim. i khim. tekh. 4 no. 4.538-544 '61.

CHEMISTRY, PHYSICAL AND THEORETICAL—LABORATORY MANUALS
Mishin, V. P., and IA. S. Pazheborovskii. [Practical work in physical and colloid chemistry for the students of medical and stomatological institutes] Praktikum po fizicheskoi i kolloidnoi khimii, dlia studentov meditsinskikh i stomatologicheskikh institutov. Moskva, 1-i Mosk. med. in-t im. I. M. Sechenova, 1961. 52 p. [MICROFILM]

CHEMISTRY, TECHNICAL
Chemicals and synthetic dyes for the industry. G V. Uvarov. Kozh.-obuv prom 3 no. 11 14-17 N '61.
Role of applied chemistry in a further growth of the industry of the U S. S. R. Zhur. prikl. khim 34 no. 11. 2365-2369 N '61.

CHEMOTHERAPY
Clinical and morphological characteristics of the form of renal tuberculosis in patients treated with antibiotics and chemical preparations. A. B. Topchin, V. I. Braude, T. P. Mochalova. Probl. tub. no 5:50-56 '61.
Determination of urinary phthivazide as a control method in the chemotherapy of tuberculosis. M S. Dvoirin, L. IA. Zamdborg, D. N. Moiseeva. Sov. med. 25 no 6: 135 Je '61.
Reparative processes in the lungs in primary tuberculosis in children treated with antibacterial preparations. A. N. Nikitova. Pediatriia 40 no. 12:3-8 D '61

CHEREMNYKH, MIKHAIL MIKHAILOVICH, 1890-
Master of the satiric drawing. R. Kriukov. Iskusstvo 24 no. 6.16-23 '61.

CHEREPOVETS—COKE INDUSTRY—TECHNOLOGICAL INNOVATIONS
Every second worker is an efficiency promoter. Koks i khim. no. 10:38-39 O '61.

CHERKASSY PROVINCE—EDUCATION, PRESCHOOL—CONGRESSES
Day of children's institution teachers at collective farms. Doshk. vykh. 23 no. 2:46 F '62.

CHERNIAVSKII, BORIS IAKOVLEVICH, 1871-1961
Boris IAkovlevich Cherniavskii. N. F. Pitenko, Vest. otorin. no. 6:116 '61.

CHERNIGOV PROVINCE—SOVIETS
The regulations of local soviets should always comply with socialist laws Sh. Rubin Rad pravo no. 4:24-26 Jl-Ag '61

CHERNOZEM SOILS
(see also subdivision under Kerch Peninsula, Kharkov Province)
Changes in the ordinary Chernozem soils under the influence of shelterbelts and forest plantations. P E Solov'ev. Vest. Mosk. un. Ser 6 Biol., pochv. 16 no 6 60-72 N-D '61
Some characteristics of salts and water soluble organic substances in the Chernozem soils under perennial grasses S F Karaban. Nauch trudy Ukr nauch.-issl. inst pochv. 5 188-199 '61

CHERNYSHEVSKII, NIKOLAI GAVRILOVICH, 1828-1889
Some people whom N G Chernyshevskii met in Siberia B. G. Kubalov Ist. arkh. 7 no. 3 283-284 My-Je '61.

CHERRY see subdivision under Central Russian Upland

CHERSONESE (CITY)—HISTORY
"Early medieval Chersonese" by A. L. IAkobson. Reviewed by M. A. Tikhanova Viz. vrem. 19:291-307 '61.
Problems in the periodization of the history of the Chersonese in the early Middle Ages. D. L. Talis. Viz. vrem. 18 54-73 '61.

CHERSONESE (CITY)—POPULATION
The number of inhabitants in the Chersonese during the Middle Ages A. I. IAkobson. Viz vrem. 19:154-165 '61.

CHERVONNAYA SLOBODA REGION—BRINES
Chemical characteristics of Paleozoic brines of the Chervonnaya Sloboda prospect (well No. 1). K. I. Lukashov, A. P. Markova, A. L. Zhukhovitskaia. Dokl AN SSSR 5 no. 12:561-563 D '61

CHESS
Chess. A. Lilental'. Sov. shakht. 11 no. 2:47 F '62.
How a combination comes into being. IU. Averbakh. Znan. sila 37 no. 1,48 Ja '62

CHESS—END GAMES
Regrettable case. S. Flor. Nauka i zhizn' 28 no. 10: 111 O '61.

CHESS—TOURNAMENTS
Back in Hastings. Mikhail Botvinnik. Ogonek 40 no 3: 30-31 Ja '62.

CHESS PROBLEMS
Check your solutions. Znan. sila 36 no. 12:35 D '61.

CHEST—HERNIA
Case of combination of lipoma of the pericardium and intercostal hernia. N S Predelin Klin. med. no. 1 141-142 '62

CHEST—RADIOGRAPHY
Tomographic examination of the thoracic cage in silicosis [with summary in English]. V. N Paikin. Vest rent i rad. 36 no 5:36-40 S-O '61.

CHEST—SURGERY
Atelectatic states of the lungs after intrathoracic surgery. V. I. Filin. Vest. khir. no. 5:52-58 '61.
Chest surgery in a small surgical department. V. M. Sokol'skii. Vest. khir. no. 5:34-38 '61.
Lung resection in combination with thoracoplasty. V. IU. Kraulis. Zdrav. Tadzh. 8 no. 6:28-30 N-D '61.
Retrosternal anesthesia (experimental and clinical observations) [with summary in English]. K. S. Dikhamindzhia. Vest. khir. no. 6:04-102 '61.

CHEWING see Mastication

CHIATURA REGION—MANGANESE ORES
Present status and further expansion of the dressing of Chiatura and Nikopol' manganese ores. O S. Bogdanov, IA. I. Fomin. Obog. rud 6 no. 4:3-8 '61.

CHICHERIN, BORIS NIKOLAEVICH, 1828-1904
B. N. Chicherin, a Russian Neo-Hegelian. V. A. Malinin. Nauch. dokl. vys. shkoly; filos. nauki 4 no. 3:160-168 '61.

CHIKHACHEV, PETR ALEKSANDROVICH, 1808-1890
P. A. Chikhachev, outstanding Russian Turkish scholar. V. V. TSybul'skii. Krat. soob. Inst. nar. Azii no. 30:210-219 '61.

CHIKSHINA VALLEY—GROUSE
Some features of the ecology of capercaillies as related to the clearing of forests in the northern taiga A. N. Romanov. Trudy Komi fil. AN SSSR no. 9:61-73 '60.

CHILD STUDY
"Child psychology with defectology" [in Bulgarian] by G. D. Pir'ov. Vop. psikhol. 7 no. 6:172 N-D '61.
The concrete and the abstract in the mental activity of pupils. E. N. Kabanova-Meller. Vop. psikhol. 7 no. 6: 173-178 N-D '61.

CHILDREN

Injustice hurts the little ones. V. A. Ezhenkova. Doshk. vosp 35 no. 1;73-74 Ja '62

Their fate concerns all mothers. Zhen. mira no. 5;6-8 '61.

Zinc content of blood in children of nursery age. V. A. Leonov, M. M. Korobenkova. Dokl AN BSSR 5 no 11 515-516 N '61

CHILDREN—CARE AND HYGIENE

Child enemy No. 1: Accidents. J. M. Mackintosh. Zhen. mira no. 5, 30-32 '61.

Everything begins with exercise. I. Vershinina, I. Tunkel'. Ogonek 40 no. 5-28-31 Ja '62.

"Health and medical attendance statistics on children" by R. I Sifman. Reviewed by L. Brushlinskaia Vop okh. mat. i det. 6 no. 8, 92-93 Ag '61.

Immediate problems in the health protection of children. L. K. Skornlakova. Pediatriia no. 1 3-7 '62

M. V. Lomonosov and problems of health protection in children, on the 250th anniversary of his birthday S. M. Grombakh. Pediatriia 30 no. 12-48-50 D '61

Physiological and hygienic benefit of morning walks for children V V Kryzhanovskaia, G I. IAkovenko, G M. Ryzhenko Vrach delo no. 6 121-123 Je '61

Role of the scientific medical society of pediatric physicians in improving medical attendance for children. A. F. Tur. Vop. okh. mat. i det. 6 no. 8-3-6 Ag '61

State of health in children with multiple dental caries. L. A. Gil'man, IA. L. Fridman, M. M. Kiseleva. Stomatologiia 39 no 6;16-20 N-D '60

Strengthening effect on children of a stay in summer health camps. I. K. Talanova Vop. kur., fizioter. i lech. fiz. kul't 24 no. 5;516-521 N-D '59.

CHILDREN—DISEASES

(see also subdivision under Uzbekistan)

Annotations. Vop. okh. mat. i det. 6 no. 8-86-89 Ag '61.

Arterial blood transfusion in some pathological states in children [with summary in English]. G. IA Skripko. Vop. okh. mat. i det. 6 no. 6;35-37 Ag '61

Levin, A. S. [Essays on pediatrics] Ocherki po pediatrii. Minsk, Izd-vo Akad. nauk BSSR, 1961 182 p. (DNLM)

Moskacheva, K. A. [Tumors in children] Opukholi u detei, izbrannye glavy. Moskva, Medgiz, 1961. 251 p. (DNLM)

Renal and ureteral calculi in children. K Kh. Tagirov. Med. zhur. Uzb. no. 7-28-32 Jl '61.

CHILDREN—EMPLOYMENT

Cherkassy (Province) Oblastnoi sovet profsoiuzov. [Collection of the most important laws and regulations concerning the work of women, adolescents, and minors] Sbornik vazhneishikh zakonov i postanovlenii o trude zhenshchin, podrostkov i molodezhi. Cherkassy, 1959, 98 p.

[MICROFILM]

Conditions for forming a positive attitude toward agricultural labor among school pupils [with summary in English]. F. I. Ivashchenko. Vop. psikhol. 7 no. 6, 27-36 N-D '61.

CHILDREN—LANGUAGE

Teaching correct speech. K. G. Lysykh. Doshk vosp. 35 no 1;35-39 Ja '62

Understanding speech. V. IAdeshko. Sem'ia i shkola 16 no. 12;19 D '61.

CHILDREN—MANAGEMENT

I am for a smile! Mikhail Svetlov. Sem'ia i shkola 16 no. 12-33 D '61.

Inculcating group feeling. A. G. Serebrova. Doshk. vosp. 35 no. 1;70-73 Ja '62.

Inculcating the sense of collectivism in children of the older group. R. Rimburg. Doshk. vykh. 23 no 1;13-18 Ja '62.

Means of stimulating the student's work. S. IA. Demianchuk. Rad. shk. 40 no. 1-52-53 Ja '62.

Shapaval, M. M. [Joint work of school and family in inculcating conscious discipline in students] Spil'na robota shkoly i sim'i u vykhovanni svidomoi dystsypliny uchniv. Kyvi, 1961. 46 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 9, no. 12)

CHILDREN AS ARTISTS

Classes in fine arts held in the Hermitage. K. Kordubovskii. Soob. Gos. Erm. no. 20;66 '61.

Ignat'ev, E. I. [Psychology of the representational art of children] Psikhologiia izobrazitel'noi deiatel'nosti detei. Izd. 2., dop. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 222 p.

What color is the sky? N. Kofman. Sem'ia i shkola 16 no. 12, 28-29 D '61.

CHILDREN IN ART

Children in art. Eva Mieke. Zhen. mira no. 5;11-14 '61.

CHILDREN'S CLOTHING

Graceful and practical. Leopold Liudera. Zhen. mira no. 5;34 '61.

Results of the review of "Children's clothing and footwear of the new collections" I. Irger, V. Khodosova. Kozh. -obuv prom. 3 no 12;33-31 D '61

CHILDREN'S CLUBS see subdivision under Moscow

CHILDREN'S ENCYCLOPEDIAS AND DICTIONARIES

Seventh volume of the children's encyclopedia L. Al'kaeva Nar. obr. no. 1 118 Ja '62.

CHILDREN'S LITERATURE

Artist's contribution to children; format of preschool children's books in 1961 E Kuznetsov Doshk vosp 35 no 1 119-124 Ja '62.

Books read at the appropriate age. B Sarnov Vop. lit. 5 no 8 39-60 Ag '61

Children do not need such books. E. Kuz'mina. Doshk. vosp 35 no 1-125 Ja '62.

Children's books in 1961. L. V. Peregudova. Doshk. vosp 35 no 1-117-119 Ja '62

More about specifics for the child reader. S. Burmistrova. Sem'ia i shkola 16 no. 12;41-42 D '61.

"Twelve months." Reviewed by M. Nasteka. Doshk. vykh. 23 no. 1 41-42 Ja '62.

CHILDREN'S LITERATURE—BIBLIOGRAPHY see Bibliography—Children's literature

CHILDREN'S LITERATURE—PERIODICALS see subdivision under Czechoslovakia

CHILDREN'S PARTIES

Parties for children. L. Shnaider. Otv. na vop. rab. no. 12-26-32 '61.

CHILDREN'S PLAYS

(see also subdivision under Maritime Territory, Moscow)

[For a school stage] Dlia shkol'nai estrady. Minsk, Dziarzh. vyd-va BSSR Red. dzitsiachai i junatskai lit-ry, 1961. 145 p.

CHIMERAS (BOTANY)

Grafted chimeras of cabbage [with summaries in English, German, and French] I E. Glushchenko, A F. Chlystova Vest sel'khoz nauki 6 no 11 36-43 N '61.

CHIN—SURGERY

Use of combined figures of retrograde triangular flaps for forming the submental section of the neck. N. A. Shinbirev. Stomatologiia 39 no 6;42-46 N-D '60.

CHINA

Twelve years. Nov. vrem. 20 no. 8;2-3 F '62.

CHINA—AGRICULTURAL RESEARCH

Peasants as scientific workers. Nauka i zhyttia 11 no. 10-53 O '61

CHINA—AGRICULTURE

Development of the agricultural economy of the Chinese People's Republic, 1953-1957 A. I. Stadnichenko. Krat. soob. Inst. nar. Azii no 49 52-58 '61.

Land resources and their utilization in the Chinese People's Republic. N. N Korkunov. Krat soob Inst nar. Azii no 59, 3-14 '61

Socialist transformation of agriculture in the Chinese People's Republic. Krat soob. Inst. nar. Azii no. 49-43-51 '61.

CHINA—BALLET

Traditions and innovation. L. Eidlin. Teatr 23 no. 1; 188-192 Ja '62.

CHINA—BOTANICAL RESEARCH

Botanical and pharmacological research in the Chinese People's Republic. I. A. Kaurov Sbor. bot. rab. Bel. otd. VBO no. 2-235-243 '60.

CHINA—BUDGET

Role of the state budget of the Chinese People's Republic in financing the building of socialism. A. I. Chekhutov. Krat. soob. Inst. nar. Azii no. 49-69-84 '61.

CHINA—BUREAUCRACY

"The formation and decline of the hereditary bureaucracy" by T'ang Ch'ang-ju. Abstract from "Wuhang tahsueh jênwan k'ahsueh hsuehpiao" no. 8 '59 by V. I. Kudrin. Sovr. kit. lit. po obshchestv. naukam no. 44;87-95 '61.

CHINA—COMMERCE

Development of domestic trade in the Chinese People's Republic. E. A. Konovalov. Krat. soob. Inst. nar Azii no. 49;101-110 '61.

CHINA—COMMUNISM

"The service of Ch'ü Ch'iu-po in acquainting the Chinese people with Marx's and Lenin's lives and teachings" by Ting Ching-t'ang. Abstract from "Hsüehshu yüehk'an" no. 1 '59 by T. N. Kholmovskaia. Sovr. kit. lit. po obshchestv. naukam no. 44;28-32 '61.

CHINA—COMMUNIST PARTY

Fortieth anniversary of the Communist Party of China. A. Martinov. Polit samoobr 5 no 7.54-60 Jl '61.

Forty years of the Chinese Communist Party. F. Potapenko. Mol. komm. no. 7-84-85 Jl '61.

CHINA—ECONOMIC CONDITIONS

Forty years of the Chinese Communist Party. F. Potapenko. Mol komm no. 7 84-85 Jl '61.

Socialist industrialization and development of industry in the Chinese People's Republic, 1953-1957 G V. Astaf'ev Krat. soob Inst. nar. Azii no 40;3-12 '61

CHINA—ECONOMIC POLICY

Characteristics of state capitalism in China. L. G. Nodiia. Trudy Inst ekon. AN Gruz SSR 12;285-292 '61.

CHINA—FEUDALISM

"System of feudal state land ownership in the period of the southern dynasties" by Hang Kuo-p'an. Abstract from "Hsiamang tahsueh hsuehpao" no. 1 '59 by V. I Kudrin. Sovr. kit. lit. po obshchestv. naukam no. 44;82-86 '61.

CHINA—FINANCE

Role of the monetary and credit system in building socialism in the Chinese People's Republic. I. B Shevel' Krat. soob Inst nar Azii no. 49, 85-100 '61

CHINA—FOREIGN ECONOMIC RELATIONS

Foreign economic ties of the Chinese People's Republic. I. A. Lysenko. Krat. soob. Inst nar Azii no. 49-111-123 '61

CHINA—HISTORY

"Ch'ing Shih-huang" by Lo Huan-t'ai. Abstract from "Shihhsueh yuehk'an" no. 3 '60 by V. A. Rubin Sovr. kit. lit. po obshchestv. naukam no. 44;101-106 '61

"An evaluation of Chu Wen's role" by Fu I-ling. Abstract from "Hsiamêng tahsueh hsuehpao" no. 1 '59 by V. I. Kudrin. Sovr. kit. lit. po obshchestv naukam no. 44-76-81 '61.

Goncharov, P. F. [Victory of the Great October Socialist Revolution and the rise of the national liberation movement in the countries of Asia from 1917 to 1923; the examples of China, Mongolia, and Korea] Pobeda Velikoi Oktiabr'skoi sotsialisticheskoi revoliutsii i pod"em natsional'no-osvoboditel'nogo dvizhenila v stranakh Azii v 1917-1923 gg.; na primere Kitaia, Mongolii, Korei. Moskva, Vses. iurid. zaochnyi in-t, 1960. 55 p.

Its, R. F., and G. IA. Smolin. [Outline history of China from the ancient period to the middle of the 17th century] Ocherki istorii Kitaia; s drevneishikh vremen do seredlny XVII veka; posobie dlia uchitelia. Leningrad, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 214 p.

"Li Hung-chang's letters to P'ang Ting-hsün." Reviewed by S. I. Zaretskaia. Sovr. kit. lit. po obshchestv. naukam no. 14;54-63 '61.

CHINA—INDUSTRIES

Socialist reorganization of capitalist industry in the Chinese People's Republic. A. M. Kruglov. Krat. soob. Inst nar. Azii no. 49, 24-33 '61

Socialist reorganization of home industry in the Chinese People's Republic. S. A. Voevodin. Krat. soob. Inst nar Azii no. 49, 34-42 '61.

CHINA—LABOR AND LABORING CLASSES

The working class in building socialism in the Chinese People's Republic. A V. Lavrent'eva, M. V. Fomicheva. Krat. soob. Inst nar. Azii no. 49-13-23 '61.

CHINA—MATERIA MEDICA

Traditional Chinese drugs a valuable heritage of China. Nauka i zhyttia 11 no 10, 54 O '61.

CHINA—MAY DAY (LABOR HOLIDAY)

"History of the International Labor Day; First of May and its celebration in China during 40 years" by Kung Yun-shih. Abstract from "Lishih yenchiu" no. 5 '60 by R. N. Sikacheva. Sovr. kit. lit. po obshchestv. naukam no. 44;1-11 '61.

CHINA—MEDICINE

Vogralik, V. G., and E. S. Vlaz'menskii. [Essays on Chinese medicine] Ocherki kitaiskoi meditsiny. Moskva, Medgiz, 1961. 190 p. (DNLM)

CHINA—METALLURGICAL PLANTS

Communist cooperation. Nauka i zhyttia 11 no. 10-52 O '61.

CHINA—MINORITIES

"Local autonomy of small nationalities in the Chinese People's Republic" by K. F. Kotov. Reviewed by L. K., V. P. Izv. vys. ucheb. zav. iprav. 5 no. 2;173-175 '61.

CHINA—ORE DEPOSITS

Basic characteristics of the endogenic metallogeny in northeastern China. A. P. Larchenko. Trudy MGRI 37,235-259 '61.

CHINA—PEASANT UPRISINGS

"An appraisal of the question of the revolutionary peasant wars in feudal China" by Shih Shao-pin Abstract from "Lishih yenchiu" no. 6 '60 by I I Tutov Sovr. kit. lit. po obshchestv. naukam no 44,70-77 '61.

"The character of peasant wars in the feudal society of China" by Pai Shou-i. Abstract from "Lishih yenchiu" no. 1 '61 by S. I. Zaretskaia. Sovr. kit. lit po obshchestv. naukam no 44-64-69 '61

CHINA—PHARMACEUTICAL RESEARCH

Botanical and pharmacological research in the Chinese People's Republic. I. A Kaulov. Sbor. bot. rab. Bot otd. VBO no. 2 235-243 '60.

CHINA—RELATIONS (GENERAL) WITH NEPAL

"Cultural relations between ancient China and Nepal" by Ch'ên Hang-shêng. Abstract from "Lishih yenchiu" no. 2 '61 by V. A. Rubin. Sovr. kit. lit. po obshchestv naukam no. 44,96-100 '61.

CHINA—RELATIONS (GENERAL) WITH THE NEAR EAST

"Mutual exchange of knowledge in the field of medicine and pharmacology between China and Arabian countries" by Sung Ta-jên. Abstract from "Lishih yenchiu" no 1 '59 by A. I. Zakharova. Sovr. kit. lit. po obshchestv naukam no. 44:107-111 '61.

CHINA—TRANSPORTATION

Development of transportation in the Chinese People's Republic. S L. Shifraev Krat soob Inst nar Azii no 49-59-68 '61.

CHINA PAINTING

Dish from the Tamerlane epoch portraying a landscape. F. Kondrat'eva Soob. Gos. Ermi. no 20:57-59 '61

CHINESE ART see Art, Chinese

CHINESE LANGUAGE—GRAMMAR

"'Ma shih wên t'ung', the grammar by Ma Chiang-chung" by Ch'ên Wang-tao. Abstract from "Hanchêng yuehk'an" no. 2 '59 by T. N. Kholmovskaia. Sovr. kit. lit po obshchestv. naukam no. 44:132-135 '61

CHINESE LANGUAGE—STUDY AND TEACHING

Teaching Chinese in schools. E. A. Demina. Inostr. iaz. v shkole no. 1.47-51 Ja-F '62.

CHINESE LANGUAGE—WRITING

"Development of the Chinese written language since the May 4, 1919 movement. Reviewed by T. N. Kholmovskaia Sovr. kit. lit. po obshchestv naukam no 44: 146-146 '61.

CHINGIZ-TAU—GEOLOGY, STRATIGRAPHIC

Stratigraphy of the Silurian in Chingiz-Tau. M. A. Borisiak, O. P. Kovalevskii, T. V. Nikolaeva. Inform. sbor., VSEGEI no. 42:61-69 '61.

CHINGIZ-TAU—LIMESTONE

Age of upper Ordovician limestones of Akdombak Mountain (Chingis-Tau). O. P. Kovalevskii. Inform. sbor. VSEGEI no. 42:53-59 '61.

CHISTYAKOVO—CORRESPONDENCE SCHOOLS AND COURSES

Experience of the Chistyakovo correspondence school. K. F. Sapitskii. Vest vys shkoly 20 no 1:24-27 Ja '62

Work, worries and search. V. T. TSukanova. Vest vys shkoly 20 no. 1 31-37 Ja '62

CHISTYAKOVO—EVENING AND CONTINUATION SCHOOLS

We help the new one. V. I Zakatova Vest vys shkoly 20 no. 1.27-29 Ja '62

CHITA PROVINCE—INDUSTRIES

Konferentsiia po razvitiiu proizvoditel'nykh sil Vostochnoi Sibiri. Chitinskoe regional'noe soveshchanie. [Natural resources and prospects for the economic development of Chita Province; materials] Prirodnye bogatstva i perspektivy razvitiia ekonomiki Chitinskoi oblasti, materialy.... [Chita] Chitinskoe knizhnoe izd-vo, 1960. 147 p.

[MICROFILM]

CHITA PROVINCE—NATURAL RESOURCES

Konferentsiia po razvitiiu proizvoditel'nykh sil Vostochnoi Sibiri. Chitinskoe regional'noe soveshchanie. [Natural resources and prospects for the economic development of Chita Province; materials] Prirodnye bogatstva i perspektivy razvitiia ekonomiki Chitinskoi oblasti; materialy.... [Chita] Chitinskoe knizhnoe izd-vo, 1960. 147 p.

[MICROFILM]

CHITAIA, GEORGII SPIRIDONOVICH, 1890-

Georgii Spiridonovich Chitaia. N. A. Bregadze, M. K. Gegeshidze, G. A. Chachanashvili. Sov. zdn. no. 6:129-130 N-D '61.

CHIZHOV, FEDOR VASIL'EVICH, 1811-1877

F. V. Chizhov, sericulture expert. G. L. Iofe. Izv. vys. ucheb. zav. tekh. tekst. prom. no. 6:142-143 '61.

CHKALOV PROVINCE see Orenburg Province

CHLORACETIC ACID

Characteristics of eye burns by chloracetophenone I A Gusev Med zhur Uzb no 7 62 Jl '61

CHLORAMBUCIL

Antitumor activity of chlorambucil in an experiment [with summary in English]. V. I. Kravchenko, A. A. Grashina. Vop onk. 7 no 5 72-77 '61.

CHLORAZIN—PHYSIOLOGICAL EFFECT

Effect of papaverine, nitroglycerin and chloracizin on coronary blood circulation in disorders of the myocardial blood supply [with summary in English]. G A Markova Farm. i toksi. 24 no 3:293-297 My-Je '61

CHLORIDES

(see also subdivision under Pripet Valley)

Determination of chlorides in petroleum. A. P. Liasheva, V. P. Muzychenko, E. A Viazkova Khim i tekh. topl. i masel 7 no. 2 65-67 F '62

Disinfection of tuberculous sputum using the products from electrolysis of chlorides [with summary in French]. B. I. Shuia-Bura, A. P Muravlev, P. I Murashko Probl. tub no 5:66-69 '61

Investigating the electrochemical behavior of titanium and some other metals during the electrolysis of chloride solutions L. M. IAkimenko and others. Khim prom. no. 1 43-47 Ja '62

Mercurimetry in the potentiometric determination of chlorides Z I Ivanova, P. N Kovalenko Uch. zap RGU 11 113-122 '58

Rapid oscillographic polarography of chlorides. V. P. Gladyshev, R Kal'voda Zav. lab 27 no 12 1450-1452 '61

CHLORIDES—PHYSIOLOGICAL EFFECT

Differentiation of the effect of chemical stimuli on the receptors and on the sensory fibers of the small intestine. L. A. Baraz, V. M Khalutin. Fiziol. zhur. 47 no. 10 1289-1297 O '61.

CHLORINATION

Chlorination of copper phthalocyanine in a fluidized bed. V. I. Borodkin. Izv. vys. ucheb. zav. khim. i khim. tekh. 4 no. 4 665-667 '61.

The reaction of reduction chlorination of lead molybdate and molybdenum trioxide. I. A. Glukhov, I. M Shalukhina Dokl. AN Tadzh SSR 4 no. 4:19-23 '61.

Selective chlorination of chromium ores. I. A. Magidson and others. Zhur. prikl khim. 34 no 11 2391-2398 N '61.

CHLORINE

Determining the chlorine content in gas collector waters and the recovery in polymers I M. Usov Koks i khim. no 9,57-58 '61.

Interaction between chlorine water and carbohydrates. V. I. Ivanov, L. N. Derevenchuk, V. V. Chupeeva. Izv. AN SSR. Otd. khim nauk no 1 181-182 Ja '62.

Letters to the editor. S. S. Nazarova. Zhur. prikl khim. 34 no. 11 2508 N '61

New method of removing chlorine from gases in the production of magnesium I L Reznikov, IU. V. Solov'ev, G. S Dolzhenkov Khim prom. no 11 816-818 N '61

CHLORINE—ISOTOPES

Separation of chlorine isotopes by the chemical exchange method. K. I Matveev, O. V. Uvarov, N. M. Zhavoronkov. Zhur. prikl. khim. 34 no 11 2563-2566 N '61.

CHLOROMYCETIN

Antigenic, immunogenic, and toxic properties of typhoid bacteria resistant to levomycetin [with summary in English] A. M. Gnetnev. Antibiotiki 6 no 6.517-521 Je '61.

Influence of cortisone on the therapeutic effect of levomycetin at various stages of experimental infection in connection with hormonal influence on phagocytosis [with summary in English]. V A. Liashenko. Antibiotiki 6 no. 6:504-507 Je '61.

Study of the effect of levomycetin on the reticuloendothelial system [with summary in English]. N A Kalinina. Antibiotiki 6 no. 6:501-504 Je '61

Studying of the effect of levomycetin on the reticuloendothelial system [with summary in English]. N. A. Kalinina. Antibiotiki 6 no. 6:501-504 Je '61

CHLOROPHOSE

Sensibility of the synanthropic flies to chlorophose. N. A. Tamarina. Vest. Mosk un. Ser. 6 Biol., pochv. 16 no. 6.11-18 N-D '61.

CHLOROPHYLL

Amount of chlorophyll in the plankton of the Aegean, Ionian, and Adriatic Seas. L M. Sushchenia. Okeanologiia 1 no 6 1039-1045 '61

Chlorophyll a and chlorophyll b content of the bark and wood of some trees. E. N. Ketskhoveli, D. Ch. Kinkladze. Soob. AN Gruz. SSR 27 no. 6:597-600 N '61.

Relation between the photosynthetic activity and the luminescence of chlorophyll. L. A. Tumerman, O. F Borisova, A. B. Rubin. Biofizika 6 no. 6,645-649 '61.

CHLOROPRENE

Aging of chloroprene latex. M. L. Shepelev and others. Kauch i rez 21 no 1 19-23 Ja '62

CHLORPROMAZINE

Case of successful treatment of a diencephalic syndrome with aminazine V L Taitslin Vrach delo no 6 133-131 Je '61

Effect of aminazine on arterial pressure in cats and dogs. A I Sikharulidze, V R Maisaia Vrach delo no 6 116-117 Je '61

Effect of aminazine on the ascending and descending functions of the reticular formation. A V Val'dman and others Fiziol zhur. 47 no 7:852-862 Jl '61

Effect of aminazine on the formation of interoceptive exchange reflexes from the stomach; preliminary communication. L I Belen'kii. Trudy Sekt. fiziol AN Azerb SSR 4:103-110 '60

Inhibiting and stimulating influences of the central nervous system on cardiac activity and respiration in birds V. I. Klimova-Cherkasova Fiziol. zhur 47 no. 6:721-728 Je '61

Mechanism of the action of aminazine on higher nervous activity in man [with summary in English]. N N Traugott, L IA Balonov, D A Kaufman Zhur vys nerv deiat. 11 no. 5 811-822 S-O '61

CHOICE (PSYCHOLOGY)

Use of information theory in concrete psychological studies, contemporary studies on choice reaction [with summary in English] A N Leont'ev, E P Krinchik. Vop psikhol 7 no. 5 25-46 S-O '61

CHOLESTEROL

Use of some biochemical and instrumental methods in studying atherosclerosis, changes in the turbidity of the blood serum under a cholesterol load and the rate of spreading of pulse waves L. T. Piat, A N Vapra, Y I Lookhein Klin med no. 1 67-72 '62

CHOLINE

Effect of stimulation of the central end of the vagus nerve and the administration of acetylcholine on the blood pressure. L. I. Vasil'eva. Fiziol zhur 47 no. 7,815-820 Jl '61.

Hypothesis on the identity of cholinesterase and the receptor of acetylcholine. T M Turpaev Fiziol. zhur 47 no. 7:916-922 Jl '61

Mechanism of the interrelationship of atropin and the choline receptors in the intact heart muscle and in tissue homogenate. S. N. Nistratova. Fiziol. zhur. 47 no 12.1471-1476 D '61.

Relationship between the structure and effect of certain 2, 6-dimethylpiperidine derivatives on the choline reactive systems. IU. I. Syneva Farm. i toks 24 no 3: 301 309 My-Je '61.

CHOLINESTERASE

Hypothesis on the identity of cholinesterase and the receptor of acetylcholine. T M. Turpaev Fiziol zhur 47 no. 7:916-922 Jl '61.

CHORAL SINGING

"Choral arrangements" by A. IUrlov Reviewed by D Lokshin. Sov. muz 25 no. 12 135-136 D '61

CHORAL SOCIETIES

(see also subdivision under Moscow)

Oldest Soviet chorus. D. Lokshin. Sov. muz. 25 no. 8: 83-86 Ag '61.

CHORFA see subdivision under Azerbaijan

CHOU, SHU-JEN, 1881-1936

A great Chinese writer. Klub 10 no. 6:30 Je '61.

CHRISTMAS DECORATIONS see subdivision under Klin

CHROMATOGRAPHIC ANALYSIS

Apparatus for rapid chromatographic adsorption fractionation, two-stage chromatographic column. V. A. Zakupra. Nauch. zap. Ukr. nauch. issled. instituta no. 4:141-149 '61.

Purification of asparaginase from the serum of guinea pigs by chromatography on a diethylaminoethylcellulose column. S. R. Mardashev, Van Shai-khua [Wang Shao-hua] Dokl AN SSSR 142 no. 3,709-712 Ja '62.

Separation of beryllium from accompanying elements by means of ion-exchange chromatography. N. A. Suvorovskaia, G. I. Lopatina Nauch. soob. Inst. gor. dela 6: 30-31 '60.

CHROMATOGRAPHY

Using complex-forming chromatography for the concentration of microquantities of lead and other metals from solutions. P. F. Andreev, L. T Danilov, G. O. Keshishian. Zhur. prikl khim. 34 no. 11:2419-2426 N '61.

CHROMITE

Blending of chromite charges in a fluidized bed. V. M. Pavlov, I. I. Shishko. Khim prom. no. 11:781-782 N '61.

CHROMIUM—ANALYSIS

Determination of sulfur in metallic chromium. A. A. Fedorov, A. M. Krichevskaia, F. V Linkova. Zav. lab 27 no. 12.1460-1462 '61.

CHROMIUM—ISOTOPES

Use of radioactive chromium in determining the quantity of circulating blood and total erythrocytic mass in actually healthy subjects and in patients with erythremia [with summary in English]. A. N. Tarasov Med rad no. 1:45-48 '62

CHROMIUM CARBIDE

Interaction of chromium oxide and chromium carbide and metallic chromium formation. G. V. Samsonov, T. IA. Kosolapova. Zhur. prikl. khim 34 no. 12,2760-2762 D '61.

CHROMIUM ORES

Selective chlorination of chromium ores. I. A. Magidson and others. Zhur. prikl. khim. 34 no. 11 2391-2398 N '61.

CHROMIUM OXIDE

Interaction of chromium oxide and chromium carbide and metallic chromium formation. G. V. Samsonov, T. IA. Kosolapova Zhur. prikl khim. 34 no 12;2760-2762 D '61.

CHROMIUM PLATING

Effect of ultrasonic waves on the chromium electrodeposition. A. M. Ozerov. Zhur. prikl. khim 35 no. 1 115-122 Ja '62.

Strength of chromium plated crankshafts. V. S. Borisov. Vest. mash. 42 no 1:25-28 Ja '62.

CHROMIUM SALTS

Paramagnetic resonance in solutions of Cr^{3+} salts [with summary in English] N. F. Usacheva. Zhur. eksp. i teor. fiz. 41 no. 6;1771-1772 D '61

CHROMIUM STEEL—METALLOGRAPHY

Investigating the kinetics of the carbide phase solution during the electric heating of Fe-Cr-C alloys. A. V. Belotskii, V. N. Gridnev. Izv. vys. ucheb. zav., chern. met. 4 no. 12;107-113 '61.

CHROMOSOMES

Effect of X rays and high temperature on the crossing-over process [with summary in English]. I. A. Zakharov, S. G. Inge-Vechtomov. Issl. po gen no 1:25-37 '61.

Effect of X rays on the nondisjunction of X-chromosomes [with summary in English] M. M. Tikhomirova Issl. po gen. no. 1.19-24 '61

CHRONOGRAPH

Electronic relay for a recording chronograph. A. I. IAzev, IU. V. Markov. Izm. tekh. no. 12:22 D '61.

CHRONOLOGY

"Chronology" [in French] by V. Grumel. Reviewed by E. E. Granstrem. Viz. vrem. 18:289-291 '61.

CHUBARTAU DISTRICT—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Life prompts. O. Barmakov. Part. zhizn' Kazakh. 31 no. 10:39-40 O '61.

CHUCHMAREV, ZAKHARII IVANOVICH, 1888-1961

Z. I. Chuchmarev. Vop. psikhol. 7 no. 5:161 S-O '61.

CHUCKS

Automatic draw-in chuck. V. D. Korovichev. Mashinostroitel' no 1 30 Ja '62.

Survey of foreign designs of universal lathe chucks with wrench clamps. V. P. Zhed'. Stan. i instr. 33 no. 2: 31-41 F '62.

Universal quick-change chuck. N. F. Naumov, M. I. Gronkov Mashinostroitel' no. 1:20 Ja '62

CHUKCHI PENINSULA—NATURAL HISTORY

Sketches of Chukchi nature; from the notebook of a polar naturalist. B. A. Tikhomirov. Kraeved. zap. Mag. obl. kraeved. muz. no. 3;133-137 '60.

CHUKCHI PENINSULA—REINDEER

At the edge of the earth. IUn. nat. no. 1;24-25, 36 Ja '62.

CHUKCHI SEA—OCEAN TEMPERATURE

Heat advection by currents in the Chukchi Sea. B. A. Kagan. Probl. Arkt. i Antarkt. no. 9:23-27 '61.

CHULAKI, MIKHAIL IVANOVICH, 1908-

"Lenin is with us." V. Berkov. Sov. muz. 25 no. 8: 13-18 Ag '61.

CHURCH ARCHITECTURE

"Souvenirs of superstition?" (In regard to a book review). Iskusstvo 24 no. 12;73-74 '61

CHUSHKA SPIT—COAST CHANGES

History of the development and recent dynamics of the Chushka Spit. V. L. Boldyrev. Trudy Inst. okean. 48: 87-97 '61.

CHUSOVAYA RIVER—DAMS

Origin and construction of primitive dams on rivers of the Northern and Central Urals. G. I. Dobrianskii. *Doki. i soob. UNIISKH no. 4:56-55 '59.*

CHUVASHIA—BRONZE AGE

The Abashev mounds in northern Chuvashia; archaeological excavations of 1957 - 1958 N. IA. Merpert Mat i issl. po arkheol. no 97;111-156 '61.

CHUVASHIA—EVENING AND CONTINUATION SCHOOLS

Schools of rural youth in the Chuvash A. S. S. R. V. E. Evgrafova Vech. shkola 1 no. 6 29-30 N-D '61.

CHUVASHIA—FARM PRODUCE—TRANSPORTATION

The task has been fulfilled. B. Vasil'ev. Avt. transp. 40 no. 1:53 Ja '62

CHUVASHIA—MOUNDS

The Abashev mounds in northern Chuvashia; archeological excavations of 1957 - 1958 N. IA. Merpert. Mat i issl. po arkheol. no. 97;111-156 '61.

CHUYA VALLEY—PEGMATITES

Genetic types of mica-bearing pegmatites of the Chuya muscovite region. V. N. Andreev Trudy IGEM no 40; 47-54 '61.

CILIA AND CILIARY MOTION

Effect of sea water and penicillin, streptomycin and ecmolin solutions on the function of the ciliated epithelium [with summary in English]. M. IA. Polunov. Zhur ush., nos i gorl bol 21 no 5 56-61 S-O '61

CINEFLUOROGRAPHY

Principles of roentgenocinematography and the possibility for its use in the examination of the esophagus and stomach. L. M. Gol'dshtein and others. Vop. onk. 7 no. 12 31-37 '61

Roentgenocinematographic study in some surgical diseases of the esophagus. B. V. Petrovskii and others. Vop. onk. 7 no. 12;36-41 '61.

CIRCUITS, ELECTRIC see Electric circuits

CIRCULAR SAWS

Esipov, P. P. [Studying the shaping of the teeth of circular saws for transverse sawing of pine lumber] Issledovanie profilirovki zub'ev kruglykh pil dlia poperechnogo pileniia sosnovoi drevesiny. [Arkhangel'sk] Arkhangel'skoe knizhnoe izd-vo, 1961. 78 p.

CIRCULAR SAWS—STANDARDS

Circular saws. A. F. IAnishevskii. Standartizatsiia 26 no. 1;61 Ja '62

CIRCULATORY SYSTEM see Cardiovascular system

CIRCUS see subdivision under Moscow

CIRRIPEDIA see subdivision under Black Sea

CITIES AND TOWNS, RUINED, EXTINCT, ETC. see subdivision under Smolensk Province; Vladimir Province

CITRIC ACID

Experimental and clinical study of the effectiveness of transfusions with blood preserved with citric acid instead of acid sodium citrate. S. V. Oldunova. Probl. gemat. i perel. krovi no. 11;52-55 '61.

CITY PLANNING

(see also subdivision under Dnieper Valley; Kaluga; Moscow; Shar'ya; Volzhskiy)

Experimental planning institute. I. P. Domshlak. Izv. ASiA no. 2 117-120 '61.

CITY PLANNING—HYGIENIC ASPECTS

[Manual on communal hygiene] Rukovodstvo po kommunal'noi gigiene. Otv. red. F. G. Krotkov. Moskva, *Medgiz.*

Vol. 1. [Communal hygiene] Kommunal'naia gigiena. Red. V. A. Riazanov. 1961. 707 p.

CITY TRAFFIC

City and automobile. V. Sholgina. Tekh. mol. 29 no. 12: 5-7 '61.

CIVIL LAW

"Basic principles of the Civil Law of the U.S.S.R. and the Union Republics." P. E. Orlovskii. Sov. gos. i pravo 32 no. 1:3-11 Ja '62.

"Basic Principles of the Civil Law of the U.S.S.R. and the Union Republics." Sov. gos. i pravo 32 no. 1;130-163 Ja '62.

"Basic Principles of the Civil Law of the U.S.S.R. and the Union Republics." Sov. iust. no. 1:4-19 Ja '62.

Important phase in the development of Soviet civil law. S. N. Bratus'. Sov. gos. i pravo 32 no. 2;3-15 F '62.

The law of the U.S.S.R. on the enactment of the "Basic Principles of the Civil Law of the U.S.S.R. and the Union Republics." Sov. iust. no. 1;4 Ja '62.

Program of the CPSU and some problems of Soviet civil law. S. N. Bratus'. Izv. vys. ucheb. zav. ;prav. 5 no. 4: 30-44 '61.

The proposed "Basic Principles of the Civil Law of the U.S.S.R. and the Union Republics." O. Pobarchyi, P. Rohozin. Rad. pravo no. 4;97-99 Jl-Ag '61.

Wide-spread participation of the Soviet public in the discussion of the proposed "Basic Principles of Civil Law and Civil Procedure. I. K. Kovalev. *Sov. gos. i pravo 32 no. 2;16-23 F '62.*

CIVIL PROCEDURE

"Basic Principles of the Civil Procedure of the U.S.S.R. and the Union Republics." P. I. Baidin. Sov. gos. i *pravo 32 no. 1 12-23 Ja '62.*

"Basic Principles of the Civil Procedure of the U.S.S.R. and the Union Republics." Sov. gos. i pravo 32 no. 1. 161-175 Ja '62.

"Basic Principles of the Civil Procedure of the U.S.S.R. and the Union Republics." Sov. iust. no. 1 19-28 Ja '62.

Gurvich, M. A. [Methodological instructions for students of the Soviet civil procedure course] Uchebno-metodicheskie ukazaniia po izucheniiu kursa sovetskogo grazhdanskogo protsessual'nogo prava. Moskva, M-vo vysshego i srednego spetsial'nogo obrazovaniia RSFSR, 1960. 29 p.

The law of the U.S.S.R. on the enactment of the "Basic Principles of the Civil Procedure of the U.S.S.R. and the Union Republics." Sov. iust. no. 1 19 Ja '62.

Proposed "Basic Principles of Civil Procedure." I. Sereda. Rad. pravo no. 1;99-100 Jl-Ag '61

The right of defendants to contest the lawsuit. Z. K. Abdullina. Uch. trudy Kazakh. gos. un. Ser. iur. no. 5: 196-209 '59.

Wide-spread participation of the Soviet public in the discussion of the proposed "Basic Principles of Civil Law and Civil Procedure." I. K. Kovalev Sov. gos. i *pravo 32 no 2;16-23 F '62*

CLASSICAL ANTIQUITIES see subdivision under Novo-Otradnoye; Taman Bay region

CLAVICLE—FRACTURE

Intraosseous fixation of clavicular fractures with a nail. N. A. Anan'ev, T. N. Khomiak. Sov. med 25 no 10; 125-126 O '61.

CLAY

(see also subdivision under Aspheron Peninsula; Fennoscandia; Gissar Range)

Certain characteristics of the shrinkage of clays of various minerals during drying [with summary in English]. A. L. Verezomskaia, M. F. Kazanskii. Inzh.-fiz. zhur. 5 no. 2;104-107 F '62

CLAY—ANALYSIS see subdivision under Kola Peninsula

CLAY PIPE see Pipe, Clay

CLEANING AND DYEING INDUSTRY

Enterprise of Communist Labor. I. F. Dluzhev. Khim. prom no 12;824-826 D '61

Honorary title of "Enterprise of Communist Labor" was conferred on the State Union Experimental Dye Factory. Khim. prom. no 12,823 D '61

CLEARING OF LAND

Chemical control of trees and shrubs. G. A. Chukhov. Doki i soob. UNIISKH no. 4;32-36 '59.

Mounted drag for gathering brushwood. I. E. Shevchenko, L. G. Samoilova. Les khoz 14 no. 12;59 D '61.

CLEFT PALATE

Dependence of the degree of deformity of the maxillofacial region on the time of operative treatment in congenital cleft palate and harelip. E. D. Volova. Trudy LSGMI 63:43-46 '60.

Orthodontic treatment of anomalies of the bite in cleft palate. L. V. Gorbaneva-Timofeeva. Trudy LSGMI 63 37-42 '60.

CLERKS (RETAIL TRADE)

(see also subdivision under Makeyevka)

Nodel', B. L., and S. S. Shaposhnikov. [Rights and obligations of the sales personnel of government-owned stores] Trudovye prava i obiazannosti rabotnikov gosudarstvennoi torgovli. Moskva, Gos. izd-vo torg. lit-ry, 1960. 102 p.

CLIMATOLOGY

(see also subdivision 'Climate' under Caucasus; Siberia, Eastern; Siberia, Western)

Continentality variations of the climate of western Eurasia over a period of many years. L. P. Spirina. Trudy GGO no. 111;99-107 '61.

CLIMATOLOGY—CONGRESSES

In the Commission on the Problems of the North of the Council of the Study of Productive Forces at the Presidium of the Academy of Sciences of the U. S. S. R. Probl. Sev. no. 4:178-181 '61.

CLIMATOLOGY, MEDICAL

Autonomic conditioner with wide-range regulation of room microclimate (Biotop-2). IU. A. Isakov, L. P. Lukashevich, D. I. Panchenko. Vrach. delo no. 12: 111-117 D '61.

"Chronic nonspecific diseases of the lungs in children and their climatic treatment" by E. N. Tret'iakova and N. V. Kobyshova Pediatriia 40 no. 12;56-58 D '61.

"Instructions on the methods of climatotherapy in health resorts, sanatoriums, and rest homes" by A. S. Bishnevskii, N. A. Nevraev. Reviewed by A. P. Parfenov. Vop. kur., fizioter. i lech. fiz. kul't. 26 no. 4;370-371 Jl-Ag '61.

COAL PREPARATION—EQUIPMENT AND SUPPLIES

(see also subdivision under Donets Basin, Magnitogorsk)

Storozhenko, A. P., and others. [Maintenance of machines in coal-preparation plants] Ukhod za mashinami na ugleobogatitel'nykh fabrikakh Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 255 p.

COAL PREPARATION PLANTS

(see also subdivision under Zaporozh'ye)

Hazard classification of areas in coal preparation and transportation enterprises V. S Khmelevskii Prom energ 16 no 7:45-46 Jl '61.

Studying the process of coal drying in a fluidized bed. M. I Beilin, D S Emel'ianov Ugol' Ukr 5 no 7:16-20 Jl '61

COAL PREPARATION PLANTS—ELECTRIC EQUIPMENT

Electric equipment regulations for coal processing enterprises D. S Livshits Prom energ. 16 no 7:41-45 Jl '61.

COAL PREPARATION PLANTS—EQUIPMENT AND SUPPLIES

Automation in a coal preparation shop A. N. Bazanov, V. G. Kul'pin. Koks i khim. no 11:13-19 '61

Improved performance of the BG-100 automatic batcher, 1955 model IA. I. Svirskii, L. A. Skliarov, L. M. Gutman Koks i khim. no. 11:19-21 '61

In coal preparation shops. I. I. Poliakov. Koks i khim. no. 10:24-27 O '61

COAL RESEARCH see subdivision under Siberia; Ukraine

COAL TAR

(see also subdivision under Tajikistan)

Hydrocracking of high boiling fractions of coal tar in a catalyst stationary bed under the pressure of 30 atmos IA. R. Katsobashvili and others. Koks i khim. no 10:46-52 O '61

Increasing the recovery coefficients of naphthalene and phenols from coal tar. E. K. Smetanina Koks i khim no 9,52-54 '61.

Tubular tank vacuum unit for tar rectification. V. A. Burlak. Koks i khim. no 11,51-54 '61

COAL WASHING

Moscow. Vsesoiuznyi proektno-konstruktorskii i nauchno-issledovatel'skii institut po obogashcheniiu i briketirovaniiu uglei [Multistage countercurrent washing of the products of centrifuge coal preparation] Mnogostupenchataia protivotochnaia promyvka produktov tsentrobezhnogo obogashcheniia uglia, sbornik statei. Pod obshchei red. G. N. Kuznetsova. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1959. 45 p. [MICROFILM]

COAST CHANGES

(see also subdivision under Azov, Sea of; Baltic Sea; Bering Sea; Chushka Spit; Japan, Sea of, Kara-Bogoz-Gol, Gulf; Okhotsk region, Peter the Great Bay, Sakhalin; Temryuk Gulf, Tsimlyansk Reservoir)

Formation and classification of marine accumulative terraces on rising shores. IU. S. Dolotov. Trudy Inst. okean. 48:172-192 '61.

Formation of the underwater slope under conditions of moderate tides. B. A. Popov. Trudy Okean kom. 12:54-66 '61.

Principal results of long-range observations on the transformation of reservoir shores in the upper Volga Valley and the Moscow area. E. G. Kachugin. Trudy Okean. kom. 12:108-119 '61

Role of winds in the dynamics of accumulative shores with offshore shallows. N. A. Aibulatov. Trudy Inst. okean 48:341-346 '61.

COASTS

(see also subdivision under White Sea)

Classification of global coast types (as applied to maps of the physicogeographical atlas of the world) A. S Ionin, P. A. Kaplin, V. S. Medvedev. Trudy Okean kom. 12:94-108 '61.

Determining the maximum velocities of waves in the coastal zone of the sea. V. V. Longinov. Trudy Inst okean. 48:287-308 '61.

Effect of wave refraction on the formation of the equilibrium profile of the underwater slope B. A. Popov Trudy Inst. okean. 48:309-327 '61.

Observations on wave refraction under natural conditions. B. A. Popov, M. G. Ratmanova. Trudy Okean. kom 12:78-83 '61.

Possibility of forecasting alongshore currents in tideless seas. I. F. Shadrin. Trudy Inst. okean. 48:328-340 '61.

Some results of regional investigations of seashores in the Soviet Union. A. S. Ionin, P. A. Kaplin, V. S Medvedev. Trudy Inst. okean. 48:3-33 '61.

Underwater sand steps as indicators of sediment transport along the shore. V. L. Boldyrev. Trudy Inst. okean. 48:193-201 '61.

COATINGS, PROTECTIVE see Protective coatings

COBALT—ISOTOPES

Effect of general Co^{60} irradiation on the ribonucleic and desoxyribonucleic acid content in the wall of the small intestine of animals [with summary in English] P. M Belitsev Med. rad no 9 34-38 '61

Method for intracavitary use of bulky sources of radiation (Co^{60} macrosuspension) in cancer of the rectum IU. Kh. Sarkisian. Med. rad no 7 9-13 '61.

Treatment of skin cancer of the eyelids and corners of the orbital fissure V. I Mitasov Med rad no 9 5-10 '61.

COBALT CHLORIDES

Effect of cobalt chloride on smooth musculature of the intestine [with summary in English]. G. I Gorshkov, D. T. Kozakov, R. A Kiriukhin. Farm. i toksi. 24 no 3:338-342 My-Je '61

COBALT COMPOUNDS—THERAPEUTIC USE

Treatment of migraine with the preparation Co No 6. F. T Abdukhakimov. Med. zhur. Uzb. no 6:22-24 Je '61.

COBALT MINES AND MINING see subdivision under Pyshma region (Sverdlovsk Province)

COCHLEARIA

Biology of Cochlearia arctica Schlecht., a new medicinal plant with hypotensive effect. P. S. Leskova Bot. zhur. 46 no. 8:1205-1208 Ag '61.

CODFISH

(see also subdivision under Baltic Sea)

Cold storage of codfish and bass. A. I. Piskarev, A. P. Bornovalova, L. G. Luk'ianitsa Khol. tekh. 38 no 3:39-43 My-Je '61.

COEFFICIENT OF EXPANSION see Expansion (Heat)

COGNITION

Starchenko, A. A. [Role of analogy in the cognitive process; based on the materials of historical and legal studies] Rol' analogii v poznanii; na materialakh istoricheskogo i pravovogo issledovaniia. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 51 p.

COILS, ELECTRIC see Electric coils

COINS see subdivision under Bukhara

COINS, BYZANTINE

Leninakan hoard of Sassanid and Byzantine coins. M. I. Kamera, K. V. Golenko Viz. vrem. 19:172-193 '61.

COINS, GREEK

Hoard of coins from Dvin. T. Abramishvili. Viz. vrem. 18:226-235 '61.

Problems connected with Byzantine memorial coins. Stoian Maslev. Viz. vrem. 18:236-253 '61.

COINS, HUNGARIAN

Hungarian coins from 11th century hoards. V. Potin. Soob. Gos. Ermi. no. 20:59-65 '61.

COINS, MEDIEVAL

New materials for the study of Tiuman imitations of Byzantine coins. K. V. Golenko. Viz. vrem. 18:216-225 '61.

COINS, SASSANID

Leninakan hoard of Sassanid and Byzantine coins. M. I. Kamera, K. V. Golenko. Viz vrem. 19:172-193 '61.

COKE

(see also subdivision under Great Britain; Leningrad; Lvov-Volyn Basin; Magnitogorsk; Nizhniy Tagil; Poland; United States)

Bulk weight of coke. B. V. Shemerianikh, A. S. TSynovnikov, A. I. Rytchenko. Koks i khim. no. 8:30-33 '61.

Coking uncrushed gas coals. K. A. Belov, V. M. Zaichenko Koks i khim. no. 8:6-8 '61.

Determining the sulfur content in coal and coke by combustion E. F. Zotova. Koks i khim. no. 9:27-28 '61.

Effect of heating ratio of coal on the output of coke. M. G. Skliar, A. I. Tolochko, N. F. Krivoruchko. Koks i khim no. 8:22-25 '61.

Ensuring the Stalin Metallurgical Plant in Transcaucasia of a supply of coking coal. V. V. Mishina. Trudy Inst. okon. AN Gruz. SSR 12:261-276 '61.

Heat transfer from a fluidized bed of burning coke to the surface of horizontal pipes. I A Vakhrushev, IA. A. Botnikov, N. G. Zenchenkov. Khim. prom. no. 11 707-710 N '61.

Methods for determining the reactivity of coke (from "Stahl und Eisen," 80, no. 24, 1960). Koks i khim. no 8:54 '61

New food for blast furnaces. I. Vozvyshaev. Znan. sila 36 no. 12:6 D '61.

New method for preparing coking charges. V. G. Zashkvara, S. E. Senichenko, I. I., Papushin. Koks i khim. no. 8:61-63 '61.

Preparing coal for coking by the method of pneumatic and mechanical separation. N. S. Grigaznov and others. Koks i khim. no. 8:4-6 '61.

Reactivity of peat coke. N. D Drozhalina, V. P. Rabo... Khim i tekh topl i masel 6 no 12 18-21 D '61

Remarks on the article by M. M. Kovalevska, R. I. Lull mand and M. S Babenko "Method of determining the ... put of chemical products of coking." M. S. Lotchkarev. Koks i khim. no. 8,63-64 '61.

Specific surface of peat coke N. D. Drozhalina, V. I. Ilyinovskii Dokl AN BSSR 5 no 11:491-496 N '61

COKE—BIBLIOGRAPHY see Bibliography—Coke

COKE—CLASSIFICATION

Proposed international classification of coke according to its type and size. I. F. Pakhalok. Koks i khim no 11:30-31 '61.

COKE—TESTING

Effect of the density of coal charge on its thermophysical properties. I. G. Zubilin. Koks i khim. no. 11:39-41 '61.

COKE—TRANSPORTATION

Automatic loading of coke into freight cars. I. D. Lavrinskii. Koks i khim. no. 9:40-43 '61.

COKE INDUSTRY

(see also subdivision under Dneprodzerzhinsk, Gorlovka; Karaganda; Krivoy Rog Basin, Magnitogorsk; Makeyevka; Rutchenkovo; Ukraine; Voroshilovsk, Yenakiyevo)

Development of the designing in the coke-chemical industry P. I. Preobrazhenskii, M. I. Olmpozov Koks i khim. no. 10:62-66 O '61.

Further development of the coke-chemical industry. Koks i khim. no. 11,3-4 '61.

COKE INDUSTRY—BY-PRODUCTS

(see also subdivision under Magnitogorsk)

Automatic control of technological processes at the No. 2 recovery shop. A. I. Burdin Koks i khim no. 9:47-48 '61.

Coke-chemical dicyclopentadiene. P. M. Levikov, P. G. Kaptina, O. G. Polianner. Koks i khim no. 11:41-47 '61

Coke chemical industry to the 22d Congress of the C. P. S. U. Koks i khim no 10:3-9 O '61.

New corrosion inhibitor from by-products of the coke industry. N. G. Chen. Izv. vys. uchob. zav. khim. i khim. tekh. 4 no. 4,680-685 '61.

Operation of chemical workshops. G. S. Vinokhodova, V. N. Shevliagin. Koks i khim no. 9:14-17 '61

COKE INDUSTRY—EQUIPMENT AND SUPPLIES

(see also subdivision under Dneproperovsk, Donets Basin; Magnitogorsk)

In coke shops. I. IA. Pilipkil, N. M. Karavaev. Koks i khim. no. 10:28-32 O '61

Investigating the corrosion of a coke quenching car caused by ammonia liquor. P. K. Shumovenko. Koks i khim no. 9:53-54 '61.

New design for a coke quenching car. O. A. Dimlial. Koks i khim. no. 8:51-52 '61.

Performance control of a contemporary coke battery (from "The Gas World," 152, no. 3977, 1960) Koks i khim. no. 8:55 '61.

COKE INDUSTRY—LABOR PRODUCTIVITY see subdivision under Komarovo

COKE INDUSTRY—TECHNOLOGICAL INNOVATIONS see subdivision under Cherepovets

COKE-OVEN GAS

Letter to the editor of "Koks i khimiia." G. P. Gorevoi. Koks i khim. no. 11:58 '61.

Production of ammonium phosphate and liquid fertilizers from ammonia of coke-oven gas. G. D. Kharlampovich, R. I. Kudriashova. Koks i khim. no. 11:38-41 '61.

Remarks concerning G. P. Govorol's letter. M. S. Nesterenko, IU. B. Tiutiunnikov, A. V. Shepel'. Koks i khim. no. 11:58-60 '61.

Smelting of pig iron in a coke gas cupola furnace. N. V. Gontvenko and others. Prom. energ. 15 no. 8:14-15 Ag '60.

Use of waste heat for heating the working solution for the vacuum-carbonate sulfur removal system. P. V. Rozanov. Prom. energ. 15 no. 7:13-14 Jl '60.

COKE-OVEN GAS—COOLING

Water treatment of gas in standpipes and gas collectors A. G. Notych, V. P. Mikhno. Koks i khim. no. 8,36-39 '61.

COKE OVENS

(see also subdivision under Chelyabinsk)

Building coke-oven batteries. N. K. Bogdanovich. Koks i khim. no. 9:62 '61.

Cyclic method for operating coke ovens. R. Z. Lerner. Koks i khim. no. 11:22-30 '61.

Effective removal of gases in smokeless charging of coke ovens. V. N. Dukhan. Koks i khim. no. 11:32-34 '61.

"Gas filter for coke ovens" by V. A. Leites, M. A. Shaingol'd, IA. M. Obukhovskii. Reviewed by I. M. Khanin. Koks i khim. no. 8:58-61 '61

COKE OVENS (Continued)

Heat losses to the ambient medium by PK-47 and PVR coke ovens V. G. Shatenshtein Koks i khim no 11: 34-35 '61

Improvement in the uniform upward and downward heating of PK-49 ovens S. K. Uspenskii, N. S. Shevchenko Koks i khim. no 9,32-35 '61.

Mechanical cleaning of working platforms of coke batteries S. S. Smirnov, V. I. Rudnichenko, I. I. Eismont. Koks i khim no. 11:37 '61.

Mechanism for cleaning coke oven doors. A. I. Mel'nikov. Koks i khim. no. 9,35-37 '61

Method for measuring the temperature of the upflow flues of coke ovens N. S. Shevchenko Koks i khim no. 9: 37-40 '61

Methods for protecting cross tie rods in coke ovens E. I. Gromov, V. N. Cherkashin. Koks i khim no 11, 35-37 '61.

Picking samples of combustion products along the oven-bottom regenerator channels A. P. Borodkikhin. Koks i khim no 8 25-26 '61

COLCHIS—SOIL MECHANICS

Brief characteristics of the physicomechanical properties of Colchian soils and the conditions of foundation engineering. S. S. Kaimakhelidze Soob AN Gruz. SSR 27 no. 5;575-582 N '61.

COLD—THERAPEUTIC USE

Influence of neuroplegic substances and local hypothermia in preventing shock arising in connection with prolonged compression of an extremity with a tourniquet F. M. Danovich Voen.-med zhur. no. 7:27-31 Jl '61

COLD (DISEASE)

State of the mucosa of the maxillary sinuses in chronic rhinitis [with summary in English]. A. I. TSygnnov. Zhur. ush., nos., i gorl. bol. 21 no 4:46-49 Jl-Ag '61

COLD STORAGE

Worthy welcome to the 22d Congress of the CPSU. G. M. Dezent, IA. I. Rivkind, P. A. Korkin. Khol. tekh. 38 no. 5, 22-30 S-O '61.

COLD STORAGE WAREHOUSES

(see also subdivision under Moscow, Orekhovo-Zuyevo)

Assembling and operating automatic devices in coolers. V. I. Alekseev, V. B. IAkobson Khol. tekh 38 no. 3: 56-60 My-Je '61

Selecting the layouts for cold-storage plants with mechanized loading operations [with summary in English on page 70]. A. IA. Gimmel'farb. Khol. tekh. 38 no. 4:42-46 Jl-Ag '61.

COLD WEATHER OPERATIONS (MILITARY) see Winter warfare

COLD WELDING—EQUIPMENT AND SUPPLIES

New machines for the cold butt welding of aluminum, copper and aluminum with copper I. B. Baranov Avtom svar. 15 no 2 49-50 F '62

COLITIS

Subaqueous intestinal lavage with Borzhomi mineral water in chronic colitis M. P. Tvauri Terap. arkh. 33 no. 8, 50-52 '61.

Surgical treatment of ulcerative colitis [with summary in English]. S. M. Agzamkhodzhaev. Med. zhur. Uzb. no. 8 31-35 Ag '61.

COLLACTIVIT

Investigating collactivit obtained from by-products of the groat industry. M. S. Dudkin, N. S. Skuratnikova. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 4:693-694 '61.

COLLAGENASE

Occurrence of collagenase in animal tissues B. S. Kasavina and others Dokl. ANSSSR 142 no. 3 706-708 Ja '62

COLLARBONE see Clavicle

COLLECTIVE FARMS

(see also subdivision under Bul'bokskiy District, Georgia; Germany, West; Kabardino-Balkar A.S.S.R.; Lipetsk Province; Moldino; Semipalatinsk, Severo-Evenskiy District; Soldatovo, East Kazakhstan Province; Telavi District; Ukraine; Uzbekistan; Vladimir Province; White Russia)

Cheremin, I. K. [Seven-year plan of the collective farm] Semiletnii plan kolkhoza. [Gor'kii] Gor'kovskoe knizhnoe izd-vo, 1961. 77 p. (DA)

D'iachkov, G. V. [Personal and communal matters on collective farms] Lichnoe i obshchestvennoe v kolkhoze. Pod obshchei red. Moiseeva M. I. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 30 p. (Osnovy ekonomiki sel'skokhoziaistvennogo proizvodstva' populiarnaia serila)

Gorin, D. P. [Collective farms and research] Kolkhoz i nauka. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 134 p. (DA)

Hubarovich, S. I. [How to plan collective-farm farming] Planavanne kalhasnal vytvorchastsi. Minsk, Dziarzh. vyd-vo BSSR. Red. sel'skahaspadarchai lit-ry, 1960. 48 p

Matvienko, B. S., and G. G. Klebanov. [In step with life] V nogu s zhizn'iu. Minsk, Gos. izd-vo BSSR. Red. massovo-polit. lit-ry, 1961. 47 p.

The movement of the "30 thousand envoys to collective farms" and the consolidation of the collective farm system A. N. Kalmakov Vop. ist. KPSS 6 no 1 115-126 '62

New developments in the communist training of collective farm peasantry according to the practices of the progressive 21st Congress of the CPSU Collective Farm. P. N. Ershov. Nauch. dokl. vys. shkoly, ist. nauki no. 2: 3-17 '61

Postwar efforts of the party to develop Soviet farming. G. A. Chigrinov Vop. ist. KPSS 6 no 1 127-141 '62.

Problems in improving the organization of work in collective farm production. I. Altaiskii. Vop. ekon no. 1, 115-151 Ja '62.

School of communism. S. IAkovlev. Nar. khoz. Uzb. 4 no 1 77-80 Ja '62.

Two forms of socialist property in the U.S.S.R. and their development. V. K. Lobvynenko Zbir. nauk. prats' Kaf. polit. ekon. Kyiv. un. no 3 11-19 '59

V. I. Lenin's theory of the alliance of workers and peasants and its development in the new program of the CPSU. V. M. Selunskaia. Vest. Mosk. un. Ser. 9: Ist. 17 no. 1:11-25 Ja-F '62.

COLLECTIVE FARMS—ACCOUNTING

New developments in collective farm accounting. E. V. Novak, V. A. Novak. Uch. zap. Kish. un. 53 105-120 '61.

COLLECTIVE FARMS—ELECTRONIC EQUIPMENT

Electronics should help agriculture. L. Bornovolokov. Radio no 1 7-8 Ja '62.

In brief about new developments. Radio no. 1:9 Ja '62.

COLLECTIVE FARMS—FINANCE

(see also subdivision under Rostov Province; Ukraine)

Some problems concerning short-term credit for collective farms. N. T. Osipov, N. D. Sokolov Izv. vys. ucheb. zav. prav. 5 no. 2:53-62 '61

COLLECTIVE FARMS—HYGIENIC ASPECTS

Rogov, A. A., and A. G. Torin. [Labor protection on the collective farm, basic principles of the safety engineering and hygiene] Okhrana truda v kolkhoze; osnovnye pravila tekhniki bezopasnosti i proizvodstvennoi sanitarii Moskva, Gos. izd-vo jurid. lit-ry, 1961. 63 p (Uridicheskie konsul'tatsii v voprosakh i otvetakh, no. 13)

COLLECTIVE FARMS—INCOME DISTRIBUTION

(see also subdivision under Grodno Province, Leningrad; Stanislav Province)

Forms of additional wages in collective farming. I. Suvorova. Vop. ekon. no 1:87-93 Ja '62.

Mikulinich, M. I. [Practice in monetary wages and intra-farm accounting on a collective farm] Vopyt primashoval aplaty pratsy i unutryhaspadarchaha razliku u kalhase. Pod red. S. G. Ausiannikava. Minsk, Dziarzh. vyd-va BSSR. Red. sel'skahaspadarchai lit-ry, 1961. 41 p.

COLLECTIVE FARMS—INTERFARM COOPERATION

Develop credit relations with intercollective farm building organizations. L. Kramarovskii and others. Den. i kred. 20 no. 1:27-30 Ja '62.

COLLECTIVE FARMS—LAWS AND LEGISLATION

Examination of lawsuits concerning the partition of farmsteads and the apportion of their parts to withdrawing members. S. Ubyiki'n, O. Kudriavtsev. Rad. pravo no. 4:78-87 Jl-Ag '61.

Experience in legal consultation for collective farms. R. Bullis, Iu. Linnyk. Rad. pravo no 4:145-148 Jl-Ag '61.

How public prosecutors supervise the observance of laws by collective farms. D. Skrypnyk Rad. pravo no. 1:75-77 Jl-Ag '61.

How the collective farms of the Kazakh S.S.R. amend their statutes. K. A. Shaibekov. Uch. trudy Kazakh. gos. un. Ser. jur. no. 5, 163-194 '59.

Our courts protect the interests of collective farms and collective farmers. M. Chapskis, I. Morein. Sots. zakon. 30 no. 12 36-39 D '61.

Some problems concerning the improvement of collective farm laws. G. M. [Asinskii. Sov. gos. i pravo 32 no 2:110-114 F '62

COLLECTIVE FARMS—MANAGEMENT

(see also subdivision under Ukraine)

Problem of collective farm specialization under the new economic conditions. M. IA. Lemeshev. Och. po sovr. sov. i zarub. ekon. no. 1 240-251 '60.

COLLECTIVE FARMS—SAFETY MEASURES

Rogov, A. A., and A. G. Torin. [Labor protection on the collective farm; basic principles of the safety engineering and hygiene] Okhrana truda v kolkhoze; osnovnye pravila tekhniki bezopasnosti i proizvodstvennoi sanitarii Moskva, Gos. izd-vo jurid. lit-ry, 1961. 63 p (Uridicheskie konsul'tatsii v voprosakh i otvetakh, no. 13)

COLLECTIVE LABOR AGREEMENTS see subdivision under United States

COLLECTIVISM

Collectivism is the moral principle of the builders of communism F. T. Mikhailov Vop. filos. 16 no. 1, 131-145 '62

COLLEGE THEATER see subdivision under Moscow

COLLISIONS (NUCLEAR PHYSICS)

Measurement of the cross sections of inelastic collisions of neutrons with chromium, iron, nickel, niobium and molybdenum nuclei at energies up to 2.6 Mev. A. I. Abramov. Atom energ. 12 no. 1:62-64 Ja '62.

Planaibic model of Λ-particle generation in high-energy πN-collisions [with summary in English] Wang Yung, Hu Shih-k'o, Zhun eksp. i teor. fiz. 41 no. 6: 1868-1869 D '61

COLLISIONS AT SEA—PREVENTION

Radar and the Rules for Preventing Collisions at Sea. Biul. tekh.-ekon. inform. Tekh. upr. Min. mor. flota 5 no. 4:87-101 '60.

COLLOIDS

Effect of the inflation extent of a gel on the tensile strength of vulcanized meteorological radiosonde balloon envelopes I. I. Goltberg and others. Kauch. i rez. 20 no 12:35-37 D '61

COLOMBIA—POLITICS AND GOVERNMENT

The situation in Colombia. R. Kniazev. Mezhdunar. zhizn' 9 no. 2:123-124 F '62.

COLON (ANATOMY)—DISEASES see Colitis

COLONIC IRRIGATION see Enema

COLONIES

Ideology of colonial plunder and enslavement. D. Levin. Mezhdunar. zhizn' 9 no. 2 60-67 F '62

COLOR OF ANIMALS

Phenomenon of hyperpigmentation following exclusion of the source of hypothalamic neurosecretion. A. A. Voitkevich. Fiziol. zhur. 47 no. 7:881-891 Jl '61

COLOR IN THE TEXTILE INDUSTRIES

Coloristic characteristics of vat dyes. I. V. Val'kovskaia, E. O. Vildt. Izv. vys. ucheb. zav. tekh. tekst. prom. no. 6:93-99 '61.

COLOR PHOTOGRAPHY

New development in the "Agfacolor" formulae (from "Bild und Ton"). Sov. foto 22 no. 1,28-29 Ja '62.

Zernov, V. A. [Color separation photography in reproduction techniques] TSvetodelitel'noe fotografirovanie v reproduktsionnoi tekhnike. Moskva, Gos. izd-vo "Iskusstvo," 1961. 134 p. (Novosti poligraficheskoi tekhniki i tekhnologii)

COLOR PHOTOGRAPHY—EXPOSURE

Black-and-white exposure testing. E. Plainitskii. Sov. foto 22 no. 1:34-35 Ja '62.

COLOR SENSE

Boundaries of the color field of sight at different refractions of the eye. Z. T. Kulieva. Azerb. med. zhur. no 7:49-45 Jl '61.

COLOR TELEVISION see subdivision under France

COLORIMETRY

Peshkova, V. M., and M. I. Gronova. [Practical manual on spectrophotometry and colorimetry] Prakticheskoe rukovodstvo po spektrofotometrii i kolorimetrii. [Moskva] Izd-vo Mosk. univ., 1961, 172 p. [MICROFILM]

COMBINES (AGRICULTURAL MACHINERY)

(see also subdivision under Kazakhstan)

Rotary combine. Zemledelie 23 no. 12:92 D '61.

COMBUSTION

Calculation and measurement of the combustion time of pulverized coal. S. V. Bukhman. Trudy Inst. energ. AN Kazakh SSR 2:244-251 '60

Principal results of the studies of furnace torches and furnace combustion processes. A. B. Reznikov Trudy Inst. energ. AN Kazakh SSR 2:303-308 '60

Results of the studies of layer processes. V. V. Favorskii Trudy Inst. energ. AN Kazakh. SSR 2,309-314 '60.

COMBUSTION, SPONTANEOUS

Kinetics of spontaneous heating of coal lost in underground mines. V. S. Veselovskii, G. I. Orleanskaia, L. P. Vinogradova. Nauch. soob. Inst. gor. dela 4 45-53 '60.

COMBUSTION GASES

Determining the coefficient of air excess by the excess of oxygen in discharge gases in cases of combined burning of blast furnace gases with natural gas or coke M. K. Lin. Prom. energ. 16 no. 7,25-26 Jl '61.

COMBUSTION RESEARCH

Study of the aerodynamics of an elementary gas torch. Sh. A. Ershin, Z. B. Sakipov. Trudy Inst. energ. AN Kazakh. SSR 2:237-243 '60.

COMIC LITERATURE see Parody

COMMANDMENTS, TEN

Biblical commandments. L. Mitrokhin. Polit. samoobr. 5 no 7:67-70 Jl '61

COMMERCE

The development of Soviet commerce and the sale of purchase of goods G.M.Stepanenko. Uch trudy Kazakh. gos.un.Ser. fur. no.5:94-115 '59.

COMMERCIAL AERONAUTICS see Aeronautics, Commercial

COMMERCIAL AGENTS

Granting the right to sign foreign trade transactions Vnesh torg 42 no 1 45-46 '62

COMMERCIAL LAW

Some problems concerning the recognition and execution of arbitral decisions in Soviet agreements with foreign countries. S.N. Lebedev. Uch zap. IMO no. 3:229-246 '61.

Time of the transfer of property rights and liability for the accidental destruction of goods in contractual relations between Soviet foreign trade agencies and other business organizations. N.I. Tatishcheva. Uch. zap. IMO no. 3:215-228 '61.

COMMERCIAL PRODUCTS

Arkhangel'skii, N.A., ed. [Manual for laboratory and practical exercises on the study of commercial products] Rukovodstvo k laboratornym i prakticheskim zaniatiiam po tovarovedeniiu promyshlennykh tovarov. Moskva, Gos.izd-vo torg.lit-ry.

Pt.1. [Plastics, commercial chemicals, silicate products, building materials, hardware, electric goods, household appliances, general consumers and sports goods] Plasticheskie massy, khimiko-moskatel'nye, silikainye tovary, stroitel'nye materialy, metallicheskie tovary, elektrotovary, domashnie mashiny, tovary kul'turnogo i sportivnogo naznachenita. 1961. 368 p.

[New consumer goods; information bulletin.] Nov.tov.; inform.biul. no.1 '62.

COMMUNICABLE DISEASES—CONGRESSES

First All-Union Congress of Epidemiologists, Microbiologists and Infectious Disease Specialists. V.V. Skvortsov. Biul.Uch.med.sov. 2 no 6:33-36 N-D '61.

International Conference on the Problems of Eliminating Parasitic and Infectious Diseases. A.I. Shchurenkova Zdrav.Tadzh. 8 no.6:43-47 N-D '61.

COMMUNICABLE DISEASES—HOSPITALS

Role of the communicable diseases hospital in eradicating diphtheria. N.N. Faerman, E.I. Temperamentova, A.F. Lavrova. Vop.okh.mat.i det. 6 no.3:63-66 Ag '61.

COMMUNICABLE DISEASES—PREVENTION

Dadash'ian, M.A. [Prevention of infectious diseases and allergy in children] Profilaktika infektsionnykh zabolevanii i allergii u detei. Moskva, Medgiz, 1961. 248 p. (DNLM)

COMMUNICATION AND TRAFFIC

(see also subdivision under Mongolia)

Postman of the earth planet D.Vetlov. Znan.sila 36 no.12:13-16 D '61

COMMUNICATIONS, MILITARY

Communication in the defense of a motorized rifle battalion. A.Rutskoi. Voen.vest. 41 no 7:35-37

How should communications be organized? Voen.vest. 41 no.9:104 S '61.

Setting up a communications center at night. A.Gudkov. Voen.vest. 41 no.9:99-100 S '61.

Training signalmen to operate at night. A.Samarin. Voen.vest. 41 no.9:101-102 S '61.

COMMUNISM

(see also subdivision under China)

Beacon of human happiness. V.Shmakalov. Neva no.12: 4-6 '61.

Building of communism and the international education of workers. E.Bagramov. Polit.samoobr. 5 no.7: 42-53 Jl '61.

Building of communism in the U.S.S.R. and the struggle of the proletariat in the capitalist world. K.Maidanik, K.Kholodkovskii. Mir.ekon.i mezhdunar.otn. no 1: 40-55 Ja '62.

Cherkashina, L.E. [Our true friends; role of literature in the ideological-political education of youth] Nashi virni druzi; rol' khudozhn'oi literatury v ideino-politychnomu vykhovanni molodi. Kyiv, 1961. 37 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 10, no.9)

Communism and personality. A.Uledov. Mol.komm. no.7:58-67 Jl '61.

Communism and work. L. Leont'ev. Mol.komm. no.10 11-21 O '61.

Communism begins today I. Leonov. Neva no.12:2-4 '61.

Communism is the real beginning of the history of human societies A. Kovalev Kommunist 38 no.3:99-106 F '62

Communist ideology is the most humane in the world. M.F. Ovsiannikov Vest.Mosk.un.Ser.8,Ekon., filos. 17 no.1:40-47 Ja-F '62.

Congress of the builders of communism Ekon.Rad.Ukr. no.6 3-11 N-D '61.

Development of a collective consciousness. G. Shakhnazarov. Polit.samoobr 5 no.7:30-41 Jl '61.

Devotion to the cause of communism. Part.zhizn' no.3:65-71 F '62.

Egiazarian, G.A. [Material self-interest during the large-scale building of communism] Material'naia zainteresovannost' v period stroitel'stva kommunizma. Moskva, Izd-vo "Znanie," 1961 45 p (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser.3, Ekonomika, no.21)

The greatest historical document of our times. Sov.etn no 5 3-8 S-O '61.

Greatest power of the present day. Kul't.i zhizn' 6 no.11 '62.

Great program V. Kochetov. Oktiabr' 38 no.8 3-5 Ag '61

Historical significance of experience in the building of socialism in the U S S R I.A. Gladkov. Vop ist KPSS 6 no.1 3-22 '62

Historical significance of the 22d Congress of the CPSU. Vest.Mosk.un.Ser.9: Ist. 17 no.1:3-10 Ja-F '62.

Ideological work is a powerful weapon in the struggle for communism Vop filos 16 no 1 3-12 '62.

Improving the structure of a course on the economics of socialism. P. Pavlov and others Vop ekon no 2: 46-57 F '62

In creative work the new man is formed. A. Blatin. Polit samoobr. 5 no.7:26-29 Jl '61

In the name of man. Vop psikhol. 7 no 5:3-6 S-O '61

Incomparable happiness. Maksym Rylʹsʹkyi. Mystetstvo 8 no.6:2 N-D '61

Kim, M.P. [Communism and culture] Kommunizm i kul'tura. Moskva, Gos.izd-vo polit.lit-ry, 1961. 70 p. (Bibliotechka znanii o kommunizme no.6)

Large-scale building of communism in the U.S.S.R. and the further strengthening of the world system of socialism. D.E. Gen'kin. Uch zap.kaf obshchestv.nauk vuz g.Len., Polit. ekon. no 3:5-28 '61

Lenin, V.I. [Complete collected works] Polnoe sobranie sochinenii. Izd.5. Moskva, Gos.izd-vo polit.lit-ry. Vol.26. [March-July, 1914] Mart - iiul' 1914. 1961. 646 p.

Let us always be in the first ranks of the builders of communism. K.T. Mazurov. Komm.Bel 35 no 7:8-23 Jl '61.

Let's look into tomorrow.... Rad.shk. 40 no.1:15-22 Ja '62.

The man of the future is born today. Polit.samoobr. 5 no.7:3-8 Jl '61.

Marx, Karl, and Friedrich Engels. [Manifesto of the Communist Party. Translated from the German] Manifest Kommunisticheskoi partii. Moskva, Gos. izd-vo polit.lit-ry, 1961, 70 p.

Moscow. Akademiia obshchestvennykh nauk. [Problems in the economics of socialism] Voprosy politicheskoi ekonomii sotsializma; diskussiia. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1961. 400 p.

New form of social progress [with summary in English, p.189]. B.S. Ukraintsev. Vop filos 16 no.1:13-24

age in the development of the world system of sm. A. Asanov. Part.zhizn' Kazakh. no.11: N '61.

Novikov, A.I. [Reactionary nature of bourgeois ideology] Reaktsionnaia sushchnost' burzhuaznoi ideologii. [Leningrad] Lenizdat, 1961, 90 p. (Kritika sovremennoi burzhuaznoi ideologii)

The passing and the coming year. Znan.sila 36 no.12: 1 D '61.

The powerful ideological weapon of the party. V. Martynov. Mol.komm. no.10,22-31 O '61.

Problem of abundance and the transition to communist distribution. I.Anchishkin. Vop.ekon. no.1:74-86 Ja '62.

Prospects for developing the Soviet economy. A. Korobov. Plan.khoz. 39 no.2:3-16 F '62.

Putting science into service for the building of communism. D.A. Birlukov. Fiziol.zhur. 47 no.10:I-IV O '61.

Role of industry in creating the material and technical foundation for communism. Nar.khoz.Uzb. 4 no.1: 52-59 Ja '62.

Role of the Ukrainian S.S.R. in creating the material and technical foundation for communism. O.Nesterenko. Ekon.Rad.Ukr. no 6:19-24 N-D '61.

Special features of material social relations in the communist socioeconomic formation [with summary in English, p.193]. I.I. Kamynin, M.IA. Koval'zon. Vop filos 16 no 1.83-93 '62

Striving for technological progress Prom.energ. 15 no.5,1-2 Ag '60.

Structure of the gross national product under socialism. V.M. Fedorov Uch.zap.kaf obshchestv.nauk vuz.g Len., Polit.ekon. no.3:29-44 '61

Toward the shining heights of communism. Voen.vest. 11 no.9:6-10 S '61.

V.I. Lenin on the creative role of the Soviet State in the building of socialism. M.I. Lomova. Sbor.st.LITMO no.49 5-25 '60

V.I. Lenin on the general laws and peculiarities of the forms of transition to socialism in various countries M.N. Grinchenko. Sbor.nauch.rab.kaf.polit.ekon vuzov g.Khar no 3:5-18 '60.

V.I. Lenin on the social roots of opportunism. I.P. Kotov. Sbor.st.LITMO no 49:126-147 '60.

We are guarding the peace and our work Radio no.2: 1-2 F '62

What man needs. M. Vistinetskii. Polit.samoobr. 6 no 7:16-24 Jl '61

Worthily praise our reality. Dmytro Pinatiuk Mystetstvo 8 no 6:2-3 N-D '61

COMMUNISM—BIBLIOGRAPHY see Bibliography—Communism

COMMUNISM—SONGS AND MUSIC

The communist anthem I Brusin. Mol komm no.10: 99-103 O '61

COMMUNISM AND ART

All-round development of personality and art. I.Pazhitnov. Vop est. no.4:43-64 '60.

Art and the communist education of people. G. Nedoshivin Vop.est no.4:5-31 '60.

Beauty of life in art. P. Sokolov-Skalia. Oktiabr' 36 no.8 9-13 Ag '61

Fountain of inspiration. Mystetstvo 8 no.6:1 N-D '61.

Heroic in life and in art. B. Nikiforov. Iskusstvo 24 no 12:6-15 '61.

Ideas of the 22d Congress of the CPSU inspire us toward great causes Iskusstvo 24 no 12:2-5 '61.

In the field of cultural development, literature, and art. Isk.kino no.12:1-2 D '61.

COMMUNISM AND LITERATURE

Communist education and tasks of literary criticism. Vop.lit. 5 no 8 3-11 Ag '61.

"Marxism-Leninism on literature and art" by B. Riurikov Reviewed by M. Zel'dovich. Vop.lit. 5 no.7 202-205 Jl '61.

Put belles lettres in the service of the promotion of the party program IU. Zubov. Bibliotekar' no 1,8-10 Ja '62.

Shcherbina, V.R. [Lenin and problems of literature] Lenin i voprosy literatury. Moskva, Izd-vo Akad.nauk SSSR, 1961 384 p.

To be in step with the times! Lev Nikulin Oktiabr' 38 no.8 6-8 Ag '61

Under circumstances of creative inspiration. V.Ozerov. Vop lit. 5 no 7 3-17 Jl '61.

The writer and his heroes. IAn Niedre Oktiabr' 38 no 7 3-6 Jl '61

COMMUNISM AND RELIGION

"Crusade of the Evangelical Academy against Marxism" [in German] by Dieter Bergner, Wolfgang Jahn. Reviewed by S. Zhupko Ekon.Rad.Ukr no.6 127-128 N-D '61.

Religion and communism are incompatible. B.Shavin. Part.zhizn' Kazakh. 31 no.10:47-48 O '61.

COMMUNIST COUNTRIES—AERONAUTICS, COMMERCIAL

New forms of the cooperation of socialist states in the field of commercial aeronautics. E.A. Shibaeva Izv.vys.ucheb.zav.;prav. 5 no.2:98-105 '61

COMMUNIST COUNTRIES—AGRICULTURE

Certain common laws in the development of agriculture of the world socialist system. E.A. Vladimirskii. Uch. zap.kaf.obshchestv.nauk vuz.g Len.; Polit.ekon. no.3:170-187 '61.

COMMUNIST COUNTRIES—COMMERCE

"International clearance and financing of foreign trade in socialist countries" by L.I. Frei. Reviewed by I. Aizenberg. Vnesh torg. 42 no.1:40-43 '62.

Socialist reproduction and foreign trade [with English summary in appendix]. S. Stepanov. Vnesh.torg. 42 no.1:3-10 '62

World socialist market, its prices, foreign exchange and payment system I. Ziobin. Vop.ekon no.2:68-81 F '62

COMMUNIST COUNTRIES—CONSTITUTION

The historical development and principal features of the constitutions of the people's democracies. I.P. Il'inskii. Uch.zap.IMO no.3:3-18 '61.

COMMUNIST COUNTRIES—CONSTITUTIONAL LAW

System of the textbook on the constitutional law of the people's democracies. V.E. Chirkin. Izv.vys.ucheb. zav.;prav. 5 no.2:143-152 '61.

COMMUNIST COUNTRIES — CONSTITUTIONAL LAW (Continued)

Two textbooks on the constitutional law of the people's democracies. B. V. Shtetinin, IA. M Bel'son, M. A. Shafir. Sov gos i pravo 32 no. 2:144-148 F '62

COMMUNIST COUNTRIES—COST AND STANDARD OF LIVING

Improving the material welfare and cultural level of the peoples in the world socialist system. E. Konovalov. Vop. ekon. no. 1:94-102 Ja '62.

COMMUNIST COUNTRIES—CULTURE

Improving the material welfare and cultural level of the peoples in the world socialist system E. Konovalov Vop. ekon no. 1:94-102 Ja '62

COMMUNIST COUNTRIES—ECONOMIC CONDITIONS

Large-scale building of communism in the U. S. S. R. and the further strengthening of the world system of socialism. D. E. Gel'kin Uch. zap kaf obshchestv. nauk vuz g. Len. , Politi. ekon no. 3:5-28 '61

COMMUNIST COUNTRIES—ECONOMIC RESEARCH

In the Institute of Economics of the World Socialist System of the Academy of Sciences of the U. S. S. R. Vop ekon. no. 1:157-158 Ja '62.

COMMUNIST COUNTRIES—FOREIGN ECONOMIC RELATIONS

Volnov, A. M., and O. I. Tarnovskii. [Toward a common aim with a united front, on the economic cooperation of socialist countries] Edinym frontom k edinoi tseli; ob ekonomicheskom sotrudnichestve sotsialisticheskikh stran. Moskva, Izd-vo "Znanie," 1961. 46 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 3, Ekonomika, no. 23-24)

COMMUNIST COUNTRIES—FOREIGN ECONOMIC RELATIONS—MONGOLIA

The importance of cooperation with socialist countries for the development of the economy of the Mongolian People's Republic L. M. Gataullina Krat soob Inst nar. Azii no 59 15-31 '61.

COMMUNIST COUNTRIES—FOREIGN RELATIONS—TREATIES

Bilateral treaties on friendship and mutual assistance of socialist states. N V. Zakharova Sov. gos. i pravo 32 no. 2:89-91 F '62.

COMMUNIST COUNTRIES—JUSTICE, ADMINISTRATION OF

Some problems of ensuring the observance of laws in the people's democracies. V. P. Rad'kov. Uch. zap. IMO no. 3:19-29 '61.

COMMUNIST COUNTRIES—MUSICAL SOCIETIES

"No! to war!" Sov. muz. 25 no. 12:3-5 D '61.

COMMUNIST EDUCATION

(see also subdivision under Kiev)

Acquainting general school students with the decisions of the 22d Congress, the program and statute of the CPSU. Geog. v shkole 25 no. 1:5-7 Ja-F '62.

Acquainting general school students with the decisions of the 22d Congress, the program, and statutes of the CPSU. Inostr. iaz. v shkole no. 1:3-6 Ja-F '62.

Acquainting general school students with the resolutions of the 22d Congress, the program and the statute of the CPSU. Biol. v shkole no. 1:7-11 Ja-F '62.

Acquainting general school students with the resolutions of the 22d Congress, the program and the statute of the CPSU. Khim. v shkole 17 no. 1:9-12 Ja-F '62.

Acquainting students with the materials of the 22d Congress of the CPSU. E. Afanasenko. Prep. ist. v shkole 17 no. 1:31-54 Ja-F '62.

Building of communism and the international education of workers. E. Bagramov. Polit. samoobr. 5 no. 7: 42-53 Jl '61.

Communist training of workers during the comprehensive building of communism. V. V. Ereshkin. Nauch. dokl. vys. shkoly; filos. nauki 4 no. 3:178-183 '61.

Current admission of students to the Academy of Social Sciences attached to the Central Committee of the CPSU. Kommunist 38 no 3:128 F '62,

Education of higher officials in the School of Higher Party Education affiliated with the Central Committee of the CPSU. N. R. Mitronov, P. D. Kochnev, S. P. Trapeznikov. Vop. ist. KPSS 6 no. 1, 225-230 '62.

Filmstrips in political science lessons. V. Gru. Prof. -tekh. obr. 19 no. 1:19-20 Ja '62.

Forming the personality of a Soviet school teacher in the process of his professional training. A. I. Shcherbakov. Uch. zap. Ped. inst. Gerts. 201:11-30 '61.

Inspiring documents. N. Semenov. Nar. obr. no. 1:8-12 Ja '62.

Instructive example. I. Volchkov. Prof. -tekh. obr. 19 no 1 21 Ja '62.

Let's give more attention to the training of youth. N. F. Rubtsov. Sred. spets. obr. 9 no. 1:1-5 Ja '62.

Let's train the rising generation in the spirit of communism. Khim. v shkole 17 no. 1:3-8 Ja-F '62.

Main responsibility of a teacher. Inostr. iaz. v shkole no. 1:7-13 Ja-F '62.

Man of the new world. Vech. sred. shkola 4 no. 6:9-13 N-D '61

Materials of the congress as the basis of political education. Part. zhizn' Kazakh. no. 11:10-16 N '61.

The party and communist education of workers. A. Kosul'nikov. Polit samoobr. 5 no 7:8-19 Jl '61

Source of inspiration IA. IA. Pavârkov. Vech. sred. shkola 4 no. 6,13-16 N-D '61.

Sukhomlinskii, V. A. [Formation of communist convictions in the younger generation] Formirovanie kommunisticheskikh ubezhdenii molodogo pokoleniia. Pod red. N. I. Boldyreva. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1961, 174 p.

Teaching the course on the history of the party to evening students L. A. Malikova, V. V. Zubareva. Vest vys. shkoly 20 no. 1 74-77 Ja '62.

Textbook for the course on the "History of the Communist Party of the Soviet Union." Reviewed by M T Alekin, D V Sivovolov Vest. vys. shkoly 20 no 1 91-93 Ja '62.

Training students on the basis of the moral code of the builders of communism. B. Vul'fov. Geog. v shkole 25 no. 1, 35-36 Ja-F '62.

Transition from capitalism to communism is the way for the development of humanity. E. F. Borisov, V. N. Semenkov. Sred. spets. obr. 9 no. 1:6-11 Ja '62

Work on the text of the "Manifesto of the Communist Party" is one of the means of forming a scientific outlook in students A. A. IAnko-Triniitskaia. Prep. ist. v shkole 17 no. 1:67-70 Ja-F '62.

COMMUNIST EDUCATION—BIBLIOGRAPHY see Bibliography—Communist education

COMMUNIST ETHICS

(see also subdivision under Kazakhstan)

Biblical commandments. L. Mitrokhin. Polit. samoobr. 5 no 7,67-70 Jl '61

Collectivism is the moral principle of the builders of communism F. T Mikhailov Vop. filos. 16 no. 1: 134-145 '62

Irreconcilability with parasitism. I. Bayderbosov. Part. zhizn' Kazakh. 31 no. 10:55 O '61.

The more you give, the richer you are. V Makeimenko Mol. komm. no. 10 71-77 O '61.

Public responsibility of the Soviet man S. Levitin. Polit samoobr. 5 no 7:61-67 Jl '61.

"V. I Lenin on communist ethics." Reviewed by N. N. Surovtseva Vop ist KPSS 6 no. 1 177-179 '62.

What are the characteristics of the communist man. Polit. samoobr 5 no. 7:99-101 Jl '61

COMMUNIST INTERNATIONAL

How the Communists struggled for national liberation, the preservation of peace, and the unity of the proletariat. Vop. ist. KPSS 6 no 1, 142-150 '62.

COMMUNIST PARTIES

Conference of Representatives of Communist and Workers' Parties, Moscow, 1960. [Documents of the Conference of the Representatives of Communist and Workers' Parties] Dokumenty Narady predstavnykiv komunistychnykh i robitnychykh partii. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1960. 58 p.

"The labor movement in capitalist countries, 1959-1961." Reviewed by S I Sokolikhin. Vop. ist. KPSS 6 no. 1 134-136 '62.

Sikorskii, V. M., and F. P. Shmygov, eds. [Marxist-Leninist program of the international communism movement; based on the materials of the Conferences of Representatives of Communist and Workers' Parties held in 1957 and 1960] Marksistsko-leninskaia programma mezhdunarodnogo kommunisticheskogo dvizhenila; po materialam Soveshchanii predstavitelei kommunisticheskikh i rabochikh partii v 1957, 1960 gg. Minsk, Izd-vo M-va vysshego, srednego spetsial'nogo i professional'nogo obrazovaniia, BSSR, 1961. 183 p.

Suslov, M. A. [Results of the Conference of the Representatives of Communist and Workers' Parties; a report at the Plenary session of the Central Committee of the CPSU, January 18, 1961] Ob itogakh soveshchaniia predstavitelei kommunisticheskikh i rabochikh partii; doklad na Plenume TsK KPSS 18 ianvaria 1961 goda. Moskva, Gos. izd-vo polit. lit-ry, 1961. 19 p.

What are the possibilities of cooperation between communists and socialists? M. Manasov. Otv. na vop. trud. no. 2:48-53 '61.

COMMUNIST PARTY see subdivision under Bulgaria; China; Estonia; France; Italy; Poland; Spain

COMMUNIST PARTY OF THE SOVIET UNION

(see also subdivision under Aktyubinsk Province; Kazakhstan, Ukraine; West Kazakhstan Province; White Russia)

Bessudnov, S. I. [International significance of the program of the CPSU] Mezhdunarodnoe znachenie programmy KPSS. Moskva, Izd-vo "Znanie," 1961. 62 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 7, Mezhdunarodnaia, no. 23-24)

Bessudnov, S. I. [International significance of the program of the CPSU] Mezhdunarodnoe znachenie programmy KPSS. Moskva, Izd-vo "Znanie," 1961. 78 p. (Narodnyi universitet kul'tury: Obshchestvenno-politicheskii fakul'tet, no. 11/12)

[The Communist Party during the Great Patriotic War, June 1941-1945, documents and source materials] Kommunisticheskaia partiia v period Velikoi Otechestvennoi voiny, iiun' 1941 goda - 1945 god; dokumenty i materialy. Moskva, Gos. izd-vo polit. lit-ry, 1961. 702 p. (V pomoshch izuchaiushchim istoriiu KPSS)

Congress of the builders of communism. Tyl. i snab. Sov. Voor. Sil 21 no 11 3-9 N '61.

A few additions. A. Begeev. Part. zhizn' Kazakh. 31 no. 10:54-55 O '61.

For our dear party. A. S. Puchko Nauka i zhyttia 11 no. 10 1 O '61.

Goncharov, N. K. [Program of the CPSU in the field of education] Programma KPSS v oblasti narodnogo obrazovaniia. Moskva, Izd-vo "Znanie," 1961. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser 11, Pedagogika, no 24)

Great program of building communism. Voen.-ist. zhur 3 no. 6:3-8 S '61.

Guiding beacon. P. I. Voevodin. Sov. voin 43 no. 21-1 N '61.

The history of the Communist Party of the Soviet Union teaches to struggle and to win. G. Blinkov. Komm Bel. 35 no. 7:50-51 Jl '61

Moral consciousness of the fighters for communism. V. Efimov Mol komm. no. 10 36-45 O '61

Organizational principles of the party. I. Mednikov. Voen. vest. 41 no. 9:11-14 S '61.

Our own party inspires us! M. Rozhneva, D. Pankov, IU. Pavlov. Sov. voin 43 no. 21:2-3 N '61,

The party and communist education of workers. A. Kosul'nikov. Polit samoobr 5 no 7:8-19 Jl '61

Party chronicle. Part. zhizn' no. 3:78-79 F '62.

Party chronicle. Part. zhizn' Kazakh. no. 11:79-80 N '61.

Party chronicle. Part. zhizn' Kazakh. 31 no. 10:78-79 O '61.

The powerful ideological weapon of the party. V. Martynov. Mol. komm no. 10 22-31 O '61

Powerful organizational weapon of Lenin's party. Blok. agit. [Gruz.] 19 no. 15:14-16 Ag '61.

Pulsylev, S. M. [Leninist unity of the party will ensure the successful building of communism] Leninskoe edinstva partyi - zaloh paspiakhovahn budaunitstva kamunizma. Minsk, Dzhiarzh. vyd-va BSSR Red. satsyial'na-ekon. lit-ry, 1961. 80 p.

Remarks and proposals. Part. zhizn' Kazakh. 31 no. 10:56 O '61.

Role of the CPSU during the large-scale building of communism. Komm. Vooruzh. Sil 2 no. 3:66-76 F '62.

The statutes of the Communist Party of the Soviet Union are the fundamental law of party life. A Shchegolev. Mol komm no. 10 104-113 O '61.

The 22d Congress of the CPSU and problems of radio electronics. V. I. Siforov. Radiotekh. i elektron. 7 no 1:3-6 Ja '62,

A word about the party. A Sofronov. Mol. komm. no. 10:8-10 O '61.

COMMUNIST PARTY OF THE SOVIET UNION—BIBLIOGRAPHY see Bibliography—Communist Party of the Soviet Union

COMMUNIST PARTY OF THE SOVIET UNION—CONGRESSES

All energies toward the carrying out of historic decisions. L. Bagramian, Tyl i snab. Sov. Voor. Sil 21 no. 12:3-11 D '61.

The best of the best. M. Trakhman. Sov. foto 22 no. 1, 6 Ja '62.

Comments by a delegate to the 22d Congress of the CPSU, T. P. Pushkareva. Geog. v shkole 25 no. 1:8-9 Ja-F '62,

Concentrate all efforts on putting the program for the establishment of communism into practice. E. T. Cherednichenko. Elek i teplitiga 5 no. 12:1-3 D '61.

Congress of builders of communism. Khol. tekh. 38 no. 6:1-3 N-D '61.

Congress of the builders of communism. Prep. ist. v shkole 17 no. 1:3-8 Ja-F '62.

Congress of the builders of communism. Prom. Arm. 4 no. 11:3-7 N '61.

Congress of the builders of communism. Vop. psikhol. 7 no. 6:3-8 N-D '61.

"Congresses and conferences of the CPSU"; pamphlet series. Reviewed by S. I Prilezhev, IA A. Cherniavskii. Vop. ist. KPSS 6 no. 1-170-184 '62.

In the Ministry of Education of the R. S. F. S. R. Doshk. vosp 35 no. 1:5-6 Ja '62.

In the name of happiness on earth. Obshchestv. nauki v Uz. no. 11:3-6 '61.

Inform the masses about the decisions of the 22d Congress of the CPSU. Kozh. -obuv. prom. 3 no. 12:1-3 D '61.

Into the world of communism! Vech. sred. shkola 4 no. 6: 3-8 N-D '61.

It is a joy to tell this story. IA. Khalip. Sov. foto 22 no. 1:7 Ja '62.

COMMUNIST PARTY OF THE SOVIET UNION — CONGRESSES (Continued)

Kommunisticheskaia partiia Sovetskogo Soiuza. 22. s"ezd, Moscow, 1961. [The 22d Congress of the Communist Party of the Soviet Union, Verbatim report] Stenograficheskii otchet. Moskva, Gos. izd-vo polit. lit-ry. Vols. 1-2. 1962.

Let's set out to work, comrades. Part. zhizn' Kazakh. no. 11:3-9 N '61.

Materials of the congress as the basis of political education. Part. zhizn' Kazakh. no 11:10-16 N '61.

On the eve of the historical congress. Part. zhizn' Kazakh. 31 no. 10 3-9 O '61.

Our aim is communism. D. D. Matveenko. Put' i put. khoz 5 no. 12 4 D '61.

Program for the people's happiness. L. Oshanin. Mol komm no 10 4-7 O '61.

The unforgettable. E. Kriger. Sov. foto 22 no 1 6 Ja '62.

We shall welcome the Congress in a communist way. Mol komm no. 7 3-8 Jl '61.

We shall work even better. A. A. Sukhova. Put' i put. khoz 5 no. 12 3 D '61.

COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

(see also subdivision under Alma-Ata; Chubartau District; Georgia, Kazakhstan, Kharkov, Leningrad, Minsk, Perm Province, Poltava Province, Temir-Tau; Tselinograd Province; Ural'sk, White Russia)

The basic meaning of propaganda work. I. Rumiantsev. Komm. Bel. 35 no. 7:41-42 Jl '61.

Communist scope to political work among the masses. N. Cherkezishvili. Blok agit [Gruz.] 18 no. 14-1-7 Jl '61.

Comrade, friend, counsellor. V. Puzanev. Polit. samoobr. 5 no 7 111-115 Jl '61.

Decisions of the 22d Congress of the CPSU and some problems of the organizational work of the party. A. K. Kolesnikov. Vop ist. KPSS 6 no 1 23-43 '62.

Everybody should study economics. A. Skolovskii. Komm Bel 35 no. 7:48-50 Jl '61.

From the pages of party periodicals. Part. zhizn' Kazakh. no. 11 73-74 N '61.

The growth of the role of the CPSU in the building of communism. A. TSariuk. Komm Bel 35 no. 7:57-62 Jl '61.

High vocation of a Communist. P. Lashchilin. Part. zhizn' Kazakh. 31 no. 10:52-54 O '61.

The important thing is ideological and educational work is effectiveness. Sov pech no 1:1-4 Ja '62.

Improve organizational and party work. Part zhizn' no. 3 3-12 F '62.

Increase of the party role in the development of communism. V. I. Pavlov. Prep. ist. v shkole 17 no. 1:9-18 Ja-F '62.

Let's love the work assigned to us. N. Novikov. Komm. Bel 35 no. 7:51-52 Jl '61.

Let's master the Marxist-Leninist theory in a creative way. M. Kunlavskii. Komm. Bel 35 no. 7:44-45 Jl '61.

Let's strengthen the ties of the party propaganda with life, let's increase its efficiency. Komm. Bel 35 no 7:40 Jl '61.

[The living word; practices in propaganda work with the masses] Zhivoe slovo; iz opyta propagandistskoi i agitatsionno-massovoi raboty. [Voronezh] Voronezhskoe knizhnoe izdatel'stvo, 1959. 148 p.

Political education and the struggle with survivals of the past in the consciousness of the people. P. Svechnikov. Part. zhizn' no 3 19-24 F '62.

Political education study group on a collective farm. S. Sadvakasov. Part. zhizn' Kazakh. 31 no 10:67-68

COMMUNIST REVISIONISM

(see also subdivision under Italy)

Kornienko, E. A. [Against the present-day revisionist interpretation of some problems concerning the dictatorship of the proletariat] Proty suchasnoho revizionizmu v pytanniakh dyktatury proletariatu. Kyiv, 1961. 47 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 1, no. 21)

Revisionism is an adversary of realistic art. V. P. Viedina. Rad lit. 5 no 1:102-108 Jl-Ag '61.

COMMUNIST STATE

Basic features of the socialist state and the general difinition of its concept. F. I. Kalinichev. Sov. gos i pravo 32 no. 1 21-37 Ja '62.

"Basic theoretical principles of the state and law" by N. G. Aleksandrov and others. Reviewed by G. B. Gal'perin and others. Izv. vys. ucheb. zav.; prav. 5 no 2:168-173 '61.

New works in the field of the general theory of law and the state. L. S. Galeanik. Izv. vys. ucheb. zav.; prav. 5 no. 2 157-162 '62.

Some problems concerning the theory of the socialist state. V. S. Petrov. Izv. vys. ucheb. zav. prav. 5 no. 4. 3-15 '61.

COMMUNIST YOUTH LEAGUE

(see also subdivision under Chelyabinsk; Lithuania; Mari A. S. S. R.; Mongolia, Moscow, Tashkent, Ukraine; Volgograd; Voronezh, White Russia)

Communist Youth League members are leaders in competition. S. Nikolaev. Komsom zhizn' no 14 10-11 Jl '61.

Helping to build cities in the taiga. R. Fedorov. Un. tekh. 5 no 7:11-16 Jl '61.

"I want to greet the party congress as a member of the Communist Youth League. . ." Komsom. zhizn' no. 14. 1-4 Jl '61.

The most important starting objective is to get into operation. Komsom zhizn' no. 13 1-3 Jl '61.

On the screen, on the air, and in magazines. V. Lesnikov. Komsom zhizn' no 14 27-28 Jl '61.

Only resolutions. P. Ivanov. Komsom. zhizn' no 14 21-23 Jl '61.

Seeking and finding. Komsom zhizn' no 14 30-31 Jl '61.

Vul'fov, B. Z. [School Communist Youth League; role of the Communist Youth League organization in the social and political training of students] Shkol'nyi komsomol, rol komsomol'skoi organizatsii v obshchestvenno-politicheskom vospitanii shkol'nikov. Moskva, Izd-vo "Znanie," 1961. 30 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 11, Pedagogika, no. 21)

COMMUNISTS

People with a generous heart. B. Sakharov. Mest. prom. i khud. promys. 2 no. 7:17 Jl '61.

COMMUNISTS—BIBLIOGRAPHY see Bibliography—Communists

COMMUNISTS IN LITERATURE AND ART

A hero through whom a new epoch unveils itself. I. Guro. Mol. komm no. 10 122-125 O '61.

COMMUNITY AND SCHOOL see subdivision under Altai Territory

COMMUNITY CENTERS

(see also subdivision under Ivanovo)

The authority of the cultural worker. A. Plut. Kul't.-pros. rab. 22 no. 7:49-52 Jl '61.

"Club of Communist Youth League glory." M. Zhmutskii. Komsom zhizn' no 14-26-27 Jl '61.

Come to our place to have a good time! G. Semar. Klub 10 no. 6:22 Je '61.

science, by a beacon. Kul't.-pros. rab. Je '61.

days. Kul't.-pros. rab. 22 no. 6:5-7

the cultural workers! E. Davydov. ab. 22 no 6:17-18 Je '61

ard. L. Gertsev. Klub 10 no. 6:20-20

l Congress of the CPSU. Kul't.-pros. :17-30 Jl '61.

-pros. rab. 22 no. 7-2-4 Jl '61.

ght start. R. Gerchikova. Klub 10 '61.

k House of Pioneers and Students. . Nar. obr. no. 1-76-79 Ja '62.

ulture are on review. Kul't.-pros. rab. Jl '61.

mmunist brigades. I. Agranovskii. 2-6 Je '61.

et by the beacon; a survey of letters Kul't.-pros. rab. 22 no. 7:5-7 Jl '61.

comp. [Bright way to a good work; rticles about innovations in cultural and rk] Khoroshemu delu - svetlyi put'; o novatorstve v kul'turno-prosvetitel'noi a, Izd-vo "Sovetskaia Rossia," 1961. echka sel'skogo klubnogo rabotnika,

We, too, have our commandments. M. Sakhnovskii, I. Birlukova. Klub 10 no 6:7-9 Je '61.

When volunteers are used. A. Chistiakov. Kul't.-pros. rab. 22 no. 6:23-24 Je '61

COMMUNITY LIFE see subdivision under Kursk; Moscow

COMMUTATION (ELECTRICITY)

Adjustment and study of the commutation of large d.c. generators. I. N. Bilulia, F. A. Dorin. Energ. sbor. no. 2:3-12 '59.

Commutation of compensated traction engines in cases of pulsating voltage. N. A. Rotanov, IU. G. Tarasov. Trudy MIIT no. 135:116-127 '61.

How to improve the commutation of NB-412M traction motors. V. S. Khvostov, N. A. Rotanov, IU. G. Tarasov. Elek. i tepl. tiaga 6 no 1:13-14 Ja '62.

Motor-driven commutating device in an electric power supply system with advance disconnection. N. A. Popov. Prom. energ. 15 no. 7:17-20 Jl '60.

COMPARATIVE GRAMMAR see Grammar, Comparative and general

COMPARATIVE LAW—PERIODICALS

"Revue internationale du droit comparé," a French periodical. N. V. Rabinovich. Izv. vys. ucheb. zav.; prav. 5 no. 2,162-168 '61.

COMPENSATION, WORKMEN'S see Employers' liability

COMPETITION, INTERNATIONAL

Role of European people's democracies in the economic competition between the two world systems. N. G. Klimko. Trudy KTIPI' no. 33:67-76 '60.

V. I. Lenin on the peaceful economic competition between the two systems. M. A. Zhukova. Sbor. st. LITMO no. 49:114-125 '60.

COMPLEX COMPOUNDS

Developing the carbamide method for separating oxygen-containing substances into normal and isostructural compounds. E. M. Kheifets and others. Khim. i tekh. topl. i masel 7 no. 1 60-64 Ja '62.

Internal asymmetry of complex compounds. Part 1: Method of calculating and basic formulas in the approximation of the theory of crystalline field. I. B. Bersuker. Zhur. strukt. khim. 2 no 3:350-360 My-Je '61.

Remarks on the theory of transeffect. A. F. Kapustinskii. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 1 534-537 '61.

Transeffect and electronegativity. A. F. Kapustinskii. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 4:538-544 '61.

COMPLEX IONS

Polarographic study of the composition of complexes of the system Ti(IV) - Ti(III) in hydrochloric acid solutions participating in the electrode reaction. A. G. Stromberg, A. I. Kartushinskaia. Izv. Sib. otd. AN SSSR no. 11:88-97 '61.

COMPOUND E see Cortisone

COMPRESSED AIR—PHYSIOLOGICAL EFFECT

Study of the heart and lungs in those who work under compressed air conditions by means of functional X-ray diagnosis [with summary in English]. B. M. Shtern, V. I. Koledinov. Vest. rent i rad. 36 no. 5:32-36 S-O '61.

COMPRESSED WOOD see Wood, Compressed

COMPRESSORS

Capacity control of compressors (from "Kaltetechnik," no. 12, 1960). I. M. Kalnin'. Khol. tekh. 38 no. 3:68-70 My-Je '61.

Centralized priming of compressor crankcase with oil. A. G. Batova. Khol. tekh. 38 no. 3:48 My-Je '61.

[Compressors] Kompressornye mashiny. [By] K. I. Strakhovich i dr. Moskva, Gos. izd-vo torg. lit-ry, 1961. 600 p.

Hermetically sealed freons compressors. V. B. Iakobson. Khol. tekh. 38 no. 5 31-36 S-O '61.

KPK-6 oxygen piston compressor. I. A. Alekseev, K. S. Butkevich. Trudy VNIIKIMASH no. 4:65-80 '61.

KTK-7 oxygen turbocompressor. A. M. Gorshkov, V. M. Grushevskii. Trudy VNIIKIMASH no. 4:43-64 '61.

Moiseev, G. I. [Centrifugal compressor stations] Kompressornye stantsii s tsentrobezhnymi nagnetateliami. Leningrad, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 61 p.

Monobloc compressors. Khol. tekh. 38 no. 4:74-77 Jl-Ag '61.

Nomographs for calculating the running wheels of a centrifugal compressor. I. M. Kalnin'. Khol. tekh. 38 no. 3:11-18 My-Je '61.

Selecting machines and the control system for heat pump units. V. V. Onosovskii. Khol. tekh. 38 no. 3:30-36 My-Je '61.

Semiduberskii, M. S. [Pumps, compressors, ventilators] Nasosy, kompressory, ventilatory. Izd. 2., perer. i dop. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 287 p.

COMPRESSORS (Continued)
Static multistage control V. S. Uzhanskii. Khol. tekh. 38 no 6 21-26 N-D '61

Studying the effect of compressed air pressure on the working process of the free piston diesel compressors A. Terzian Prom. Arm 4 no 11,56-58 N '61

Using balancers in the production of compressors for home refrigerators [with summary in English on page 70] A. D. Maliarchikov Khol tekh. 38 no. 1:69-1? Ja-Ag '61.

COMPRESSORS—MAINTENANCE AND REPAIR
Running-in of compressors during repair. E. I. Andrachnikov, L. G. Kaplan Khol tekh 38 no. 3:52-56 My-Je '61.

COMPRESSORS, AIR see Air compressors

COMPULSORY EDUCATION see Education, Compulsory

CONCENTRATION see Attention

CONCEPTION—PREVENTION
Repeated pregnancy in two women after surgery on the uterine tubes for the purpose of sterilization. N. S. Zhuk. Akush i gin no. 5 118-119 '61

CONCEPTS
Sensory sources of concepts V. N. Sagatovskii. Vop. filos 16 no 1 123-133 '62.

CONCRETE—TESTING
Borg, O. IA. [Physical bases of the theory of the strength of concrete and reinforced concrete] Fizicheskie osnovy teorii prochnosti betona i zhelezobetona. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, *1961. 96 p.*

Concrete and Reinforced Concrete Institute. L. S. Shapiro. Izv. ASiA no. 2:121-122 '61

Strength of concrete under a small number of repetitive loads. G. V. Becheneva. Trudy TSNIISK no 6 91-118 '61.

Ultrasonic pulse devices for studying concrete. I. S. Vainshtok, G. F. Nadiradzishvili, B. P. Rastorguev Shor. trud NIIZHelezobetona no. 2,60-80 '59.

CONCRETE, PRECAST see Precast concrete

CONCRETE, PRESTRESSED see Prestressed concrete

CONCRETE, REINFORCED see Reinforced concrete

CONCRETE CONSTRUCTION
(see also subdivision under Bukhtarma Hydroelectric Power Station; Kremenchug Hydroelectric Power Station)
The quality of concreting operations in hydraulic construction P. I. Gluzhge. Energ stroi no. 20 57-61 '61.

Small tanks made with sliding formwork. N. Kondrat'ev. Stroitel' no 11,7,10 N '61.

Use of a concrete pump in the construction of tunnels under water K. A. Abadzhian, G. K. Chunburidze Energ stroi no 20 103-105 '61

CONCRETE CONSTRUCTION—FORMWORK
(see also subdivision under Bratsk Hydroelectric Power Station)
Precast concrete formwork for tail concreting blocks in hydraulic structures. A. G. Zolotarev. Shor. nauch. trud. TISI 6:31-36 '61

CONCRETE CONSTRUCTION, PRECAST see Precast concrete construction

CONCRETE PAVEMENTS see Pavements, Concrete

CONCRETE PIPE see Pipe, Concrete

CONCRETE PLANTS—HYGIENIC ASPECTS see subdivision under Uzbekistan

CONCRETE PLANTS—SAFETY MEASURES
Work methods at precast reinforced concrete plants. L. Baranov. Stroitel' no. 11:29-30 N '61.

CONCRETE PRODUCTS
Study of concrete heating panels with glass coil pipe. A. Z. Ivianskii Shor trud. NIIST no 7 6-34 '61

CONCRETE REINFORCEMENT
Effect of an acoustical field on reinforcement scouring. I. S. Vainshtok, O. I. Dovzhik, V. B. Ratinov, Shor. trud. NIIZHelezobetona no. 2:91-95 '59.

Hydraulic shears for cutting reinforcement with a diameter up to 12.5 mm. Stroitel' no. 11 insert:1-2 N '61.

Limitations on the reinforcement of concrete beams under bending strain and torsion. P. I. Burlachenko. Shor. nauch. trud. TISI 6:54-61 '61.

Mar'iasina, I. E. [Stress losses in the reinforcement of curved prestressed-concrete elements] Poteri napriazhenila v armature izgibaemykh predvaritel'no napriazhennykh zhelezobetonnykh elementov. Moskva, Otdel tekhn. informatsii, 1958. 64 p.
[MICROFILM]

CONCRETE ROOFING see Roofing, Concrete

CONCRETE SHIPS see Ships, Concrete

CONCRETE SLABS
Calculations for precast reinforced concrete roof and floor slabs ribbed along the contour and supported at the corners M. I. Shtaerman Shor. trud NIIZHelezobetona no 2:96-141 '61

Painting the faces of reinforced concrete slabs with perchlorvinyl compounds. A. S. Leikin Shor. trud. VNIINSM no. 2 35-45 '60.

CONCRETE WALLS see subdivision under Armenia

CONDENSATE OIL WELLS
(see also subdivision under Azerbaijan)
Determination of yield in the central pipes and casing space of gas-condensate wells F. T. Agaev, K. V. Vinogradov Azerb. neft. khoz. 40 no 11 21-22 N '61

Determining the pressure of maximum condensation for gas-condensate fields. A. B. T. Saturiants, N. N. Asadullaeva. Izv. AN Azerb SSR Ser geol.-geog. nauk i nefti no 4:73-81 '61.

Drying the gas of condensate gas fields on the site. M. Kh. Shakhnazarov. Gaz. prom. 6 no. 11:14-16 '61.

Processes for the extraction of condensates from gas at gas-condensate fields. A. K. Ivanov, A. S. Velikovskii, V. V. IUshkin Gaz prom. 7 no 1:15-20 '62.

CONDENSATION PRODUCTS (CHEMISTRY)
Results of the destructive hydrogenation of condensation products of toluene with dichlorethane I. I. Eru, M. M. Podorozhanskii Koks i khim. no 8:47-49 '61

CONDENSERS (ELECTRICITY)
Concerning losses of electric power in the discharge resistances of the batteries of static condensers. N. A. Platitsyn Prom. energ. 15 no. 7 8-10 Jl '60.

Concerning the discharge of the batteries of static condensers M. I. Kheev. Prom. energ. 15 no. 8 51 Ag '60.

Transistor condenser in the IF channel. I. Vasil'kevich, G. Nikitin, V. Sutorshin Radio no. 1 37-39 Ja '62

CONDENSERS (STEAM)
Choosing a layout and making calculations for an adjustable condensation system with a deaerator. E. V. Pankov. Sudostroenie 27 no. 11:28-35 N '61.

Graphic and analytic calculation of finned evaporators and condensers. B. S. Veinberg. Khol. tekh. 38 no 3: 18-23 My-Je '61.

Reorganization of the steam condenser sections of machinery plants. P. S. Kolobkov. Prom energ 16 no. 6:26-29 Je '61

CONDENSERS (VAPORS AND GASES)
Calculation of the condensation process of vapor from steam and gas mixtures. M. E. Ivanov Khim prom no 9 52-60 S '61

Evaporative condensers. N. V. Dem'iankov. Khol. tekh. 38 no. 5:59-60 S-O '61.

CONDITIONED RESPONSE
Action of the adrenocorticotropic hormone on the conditioned reflex activity of white rats. Kh. I. Saifulla Farm. i toks. 24 no. 3:267-271 My-Je '61.

Change in higher nervous activity and in the peripheral blood picture during prolonged gamma-ray irradiation (Co^{60}) of dogs [with summary in English]. A. F. Makarchenko, R. S. Zlatin, M. F. Sirotina. Zhur. vys. nerv. deiat. 11 no 5 895-901 S-O '61.

Characteristics of the inhibition of vascular reactions during disruption of the stereotype of experimentation in dogs [with summary in English] R. A. Vadent'eva. Zhur. vys. nerv. deiat. 11 no. 5:927-931 S-O '61.

Connection between neurotic states and conditions of their emergence [with summary in English]. A. M. Klochkov Zhur. vys. nerv. deiat 11 no. 5 909-914 S-O '61.

Dependence of latent periods of motor conditioned reactions in man on the direction of the sound signal [with summary in English]. N. IU. Alekseenko. Zhur. vys. nerv. deiat 11 no. 5:823-829 S-O '61

Disturbances in the conditioned reflex activity in patients with cerebral atherosclerosis with mental changes. Preliminary report. V. I. Savchuk, G. A. Meshanova. Trudy Gos. nauchno-issl. inst. psikh. 22:287-302 '60.

Dynamic stereotype [with summary in English]. L. S. Gezalian. Zhur. vys. nerv. deiat. 11 no. 5:937-942 S-O '61.

Dynamics of changes in the conditioned reflexes of dogs following administration of small adrenaline doses A. S. Denisova. Dokl. AN SSSR 142 no. 3 725-727 Ja '62

Effect of metherazine on conditioned reflex activity [with summary in English]. U. B. Zakirov. Farm. i toks. 24 no. 3:271-275 My-Je '61.

Effect of the Daryday arsenous water on the conditioned reflex activity in normal dogs [in Azerbaijani with summary in Russian]. S. A. Samedov. Trudy Sekt. fiziol. AN Azerb. SSR 4:72-79 '60.

Effect of unilateral stimulation of the caudate nucleus on conditioned response. V. M. Mosidze. Soob. AN Gruz. SSR 27 no. 4:479-485 O '61.

Formation and development of mobility and inertness of neural processes in ontogenesis [with summary in English]. V. A. Trashtkhin, L. N. Korlova Zhur. vys. nerv. deiat. 11 no 5 878-883 S-O '61

Formation of delayed conditioned reflexes to stimuli of varying intensities [with summary in English] N. T. Kovaleva Zhur. vys. nerv. deiat 11 no 5 849-851 S-O '61

Formation of temporary connections during combination of "indifferent" stimuli in birds [with summary in English] B. F. Sergeev Zhur. vys. nerv. deiat 11 no. 5 956-959 S-O '61

Influence of ACTH on the simultaneous activity of 1st and 2d signal systems in patients in the initial stages of schizophrenia [with summary in English] S. N. Raeva Zhur. vys. nerv. deiat 11 no 5 835-842 S-O '61

Influence of cardiac glycosides on the conditioned reflex activity of white rats [with summary in English] D. I. Sapegin Zhur. vys. nerv. deiat 11 no 5 951-955 S-O '61

Influence of conduction anesthesia on the paired activity of the salivary glands [with summary in English]. N. P. IAtsuk Zhur. vys. nerv. deiat 11 no 5 932-936 S-O '61

Influence of novocaine on the higher nervous activity in dogs [with summary in English]. L. O. Zevalkd. Zhur. vys. nerv. deiat. 11 no 5 860-867 S-O '61

Influence of removal of the cerebellum on motor conditioned reflexes in dogs [with summary in English] V. V. Famardzhian Zhur. vys. nerv. deiat 11 no 5, 920-926 S-O '61

Interrelation of trace neural processes of excitation and inhibition during brief action of conditioned stimuli [with summary in English] S. P. Pyshina Zhur. vys. nerv. deiat 11 no 5 902-907 S-O '61

Measurement of differential thresholds according to intensity by means of blinking conditioned reflexes and verbal responses [with summary in English]. R. V. Avakian Zhur. vys. nerv. deiat. 11 no 5 843-848 S-O '61.

Mechanism of the action of aminazine on higher nervous activity in man [with summary in English]. N. N. Trangott, L. IA. Balonov, D. A. Kaufman Zhur. vys. nerv. deiat 11 no. 5 814-822 S-O '61

Participation of M- and N-choline-reactive systems in conditioned reflex switching G. U. Grigorian. Dokl. AN Arm. SSR 33 no. 1:167-191 '61.

Pathodynamic structure of neural processes in experimental neuroses in dogs [with summary in English] T. N. Skorunskaia Zhur. vys. nerv. deiat. 11 no 5 915-919 S-O '61

Physiological analysis of some complex forms of behavior [with summary in English]. A. V. Napalkov. Vop. psikhol. 7 no. 6:136-146 N-D '61.

Problem of stationary excitation and changes in the stable potential of the cerebral cortex in dominance and conditioned reflex formation V. S. Rusinov. Zhur. vys. nerv. deiat 11 no 3 776-781 S-O '61

Role of distance signal stimuli in the regulation of carbohydrate metabolism in monkeys [with summary in English]. I. S. Kanfor Biul. eksp. biol. i med. 52 no. 10 8-13 O '61.

Signal inheritance [with summary in English] M. F. Lobashev. Issl. po gen. no. 1 3-11 '61

Significance of the conditioned reflex component in the genesis of vestibular reactions, in particular nystagmus. S. P. Fel'dman, E. V. Fetisova. Vest otorin no. 6: 55-61 '61.

Some physiological mechanisms of reflection and their development in the process of evolution E. G. Vatsuro. Vop filos 16 no 1 51-61 '62.

CONDUCT, DISORDERLY see Disorderly conduct

CONDUCTIVITY, ELECTRIC see Electric conductivity

CONDUCTORS, ELECTRIC see Electric conductors

CONFECTIONERY
Confectionery with laminaria. N. Pomel'tsov. Sov. torg. 35 no. 1:35-36 Ja '62.

Names for confectioneries. I. N. Vol'per. Khleb. i kond. prom. 5 no. 12 42-43 D '61.

CONFECTIONERY—EQUIPMENT AND SUPPLIES
Designing continuous radiation-convection dryers for the confectionery industry. I. A. Chubik. Izv. vys. ucheb. zav., pishch. tekh. no 5 97-101 '61.

CONGLICT OF LAWS
"Private international law; general part" by L. A. Lunts. Reviewed by G. K. Matveev. Izv. vys. ucheb. zav. ;prav. 5 no. 4:151-156 '61.

CONFLICT OF LAWS—HUSBAND AND WIFE
"Problems of marriage and divorce in private international law" by N. V. Orlova. Reviewed by G. K. Matveev. Sov. gos. i pravo 32 no. 2:152-153 F '62.

CONFORMAL MAPPING
Ahlfors, Lars, and Bers, Lipman. [Spaces of Riemann surfaces and quasi-conformal mappings. Translated from the English] Prostranstva rimanovykh poverkhnostei i kvazikonformnye otobrazhenila. Pod red. B. V. Shabata. Moskva, Izd-vo inostr. lit-ry, 1961, 176 p. (Biblioteka sbornika "Matematika")

Mapping of a space onto a plane by means of a cubic circle. Z. A. Skopets, U. M. Askeritov. Izv. vys. ucheb. zav. ;mat. no. 1:171 '62.

CONGO, REPUBLIC OF THE
Congo, a year of trials V Sidenko Az. i Afr seg no 1 11-12 Ja '62

CONGO, REPUBLIC OF THE—POLITICS AND GOVERNMENT
Hurricane of wrath. K. Nepomniashchii. Ogonek 40 no 6,6-7 F '62
Imperialist haggling over Katanga. B.Shabaev. Mezhdunar. zhizn' 6 no.2 119-121 F '62.
The plot against the Congo. A. Vasil'ev. Nov. vrem. 20 no 7;11-12 F '62
The struggle in the Congo and the struggle for the Congo E. Primakov. Nov vrem 20 no. 6;8-11 F '62.

CONGO REPUBLIC
In the heart of Africa N Pykhtunov. Az. i Afr seg no 1 40-41, 41 Ja '62

CONGRUENCES (GEOMETRY)
Minimal V_3 congruences in R_4 Euclidean space IU. G. Lumiste, L. A Tuulmets Izv. vys. ucheb. zav. ;mat no. 1:74-82 '62.

CONIFERAE see subdivision under Kazakhstan; White Russia

CONJUNCTIVITIS, GRANULAR
Development of a laboratory culture of trachoma virus pathogenic for man [with summary in English]. A. A. Shatkin Vop. virus 6 no. 5 532-538 S-O '61.

CONNECTIVE TISSUES
Ellseev, V. G. [Connective tissue; histophysiological essays] Soedinitel'naia tkan'; gistofiziologicheskie ocherki. Moskva, Medgiz, 1961. 415 p. [With summary in English].
Vasil'ev, IU. M. [Connective tissue and tumorous growth under experimental conditions] Soedinitel'naia tkan' i opukholevyi rost v eksperimente. Moskva, Medgiz, 1961. 138 p.

CONNECTIVE TISSUES—DISEASES
Histochemical study of the changes in the epithelium and connective tissues during the development of an inflammatory proliferation of the epithelium [with summary in English]. Ou Bao-sian [Ou Pao-hsiang] Biul. eksp. biol. i med. 52 no 10 110-114 O '61.

CONSCIENCE
Talk about conscience. L. Inguleva. Nar. obr. no. 1: 106-110 Ja '62.

CONSCIOUSNESS
Shorokhova, E. V. [The problem of consciousness in philosophy and natural science] Problema soznaniia v filosofii i estestvovedenii. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 362 p.

CONSERVATION OF NATURAL RESOURCES see Natural resources

CONSERVATION OF WILDLIFE see Wildlife, Conservation of

CONSERVATORIES OF MUSIC see subdivision under Gorlovka, Prague

CONSTIPATION
Pentamine in the treatment of peptic ulcer of the stomach and duodenum and in dyskinetic constipation. S. V. Bazanova, V. V. Sgibova. Khim. i med. no. 15;119-125 '60.

CONSTRUCTION EQUIPMENT see Building machinery

CONSTRUCTION INDUSTRY
(see also subdivision under Angren; Kuybyshev Province; Leningrad; Moscow; Navoi; Novokuznetsk Province; Ufa; Ukraine; Uzbekistan; White Russia)
At the Moscow Exhibition of New Building Technology. Stroitel' no. 11;26-28 N '61.
Brigade of communist labor. A. Neimark. Tyl i snab. Sov. Voor. Sil 21 no. 10;72-74 O '61.
Communism begins today. Stroitel' no. 11;16-17 N '61.
Congress of the builders of communism. Ekon. stroi. no 11-3-8 N '61.
Contributions of construction workers to the October celebration. Stroitel' no. 11;8-9 N '61.
Delegates to the 22d Congress of the CPSU speak. P. Polikanov, M. Vorob'eva. Ekon. stroi. no.12-11-16 D '61.
Everything is for man! K. Ivanov. Stroi. i arkhit. Mosk. 9 no. 9;7-9 S '61.
Glory to our great October! Stroitel' no. 11;1-2 N '61.
In the pavilions of the "Construction" division of the Exhibition of Achievements of the Soviet National Economy. L. Shaporin. Ekon. stroi. no. 11;63 N '61.
Let us complete the 1961 plan successfully. Ekon. stroi. no.12-65-67 D '61
Review of the most important decisions. E. L. Gamze. Izv. ASIA no. 2.111-113 '61.
Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Handbook on the transportation, acceptance, and storage of materials, articles, and equipment in construction] Rukovodstvo po transportirovke, priemke, skladirovaniiu i khraneniiu materialov, izdelii, konstruktsii i oborudovaniia v stroitel'stve. 2., izd. ispr. i dop. Moskva, Gos. izd-vo lit-ry po stroit. arkhit. i stroit. materialam, 1961. 350 p.
To new heights. G. Burkov. Stroitel' no. 11;10, 11, 14,15, 18 N '61.

CONSTRUCTION INDUSTRY—ACCOUNTING see subdivision under Armenia
Use of prefabrication techniques and the economics of building children's health institutions T. M. Bitil' Sbor. nauch. trud TISI 8 126-131 '61

CONSTRUCTION INDUSTRY—BIBLIOGRAPHY see Bibliography—Construction industry

CONSTRUCTION INDUSTRY—FINANCE
(see also subdivision under Bakal; Moldavia, Moscow; Tashkent, Ukraine)
Business accounting in a brigade K. Natalich and others Ekon. stroi no 12 51-56 D '61.
For effective business accounting in a section of the construction industry. I. Landa Ekon. stroi. no.12 41-47 D '61.
Increase the effectiveness of capital investments. Ekon. stroi. no.12 3-9 D '61
Increase the role of business accounting in the lower echelons of the construction industry S Timofeev Finan. stroi no 12 37-12 D '61
On unfinished construction. L. A. Ivanov. Och. po sovr. sov. i zarub. ekon. no 1-203-217 '60.
Problems in the building of communism. B. Sokolov, I. Galkin. Vop ekon. no. 2,3-12 F '62
Simplifying methods for evaluating economic effectiveness I. Lerir. Ekon. stroi no.12-63-64 D '61.
Ways to improve and raise the efficiency of capital construction T Khachaturov Vop. ekon. no 1;19-20 Ja '62

CONSTRUCTION INDUSTRY—HANDBOOKS, MANUALS, ETC.
Ekel'chik, M. S. [Brief handbook for the superintendent of construction operations] Kratkii spravochnik proizvoditelia stroitel'nykh rabot. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1961 690 p. [MICROFILM]

CONSTRUCTION INDUSTRY—INTERNATIONAL COOPERATION see subdivision under Europe, Eastern

CONSTRUCTION INDUSTRY—LABOR PRODUCTIVITY
Internal potentials for increasing labor productivity in construction. IA. Kuperman. Biul. nauch. inform. i trud. i zar. plata 4 no. 12;10-16 '61.
Kuprilanova, Z. V., A. G. Rotshtein, and V. I. Stomakhin. [Planning labor productivity in construction] Planirovanie proizvoditel'nosti truda v stroitel'stve, nauchnoe soobshchenie. Moskva, Gos. izd-vo lit-ry po stroit., arkhit., i stroit. materialam, 1961. 75 p.
Large-panel housing construction is the basic way to raise labor productivity in housing construction. A Kutsenova. Ekon stroi. no. 11 35-42 N '61.
Serglevskii, V. N. [Ways to increase labor productivity in construction] Puti povysheniia proizvoditel'nosti truda v stroitel'stve. [Moskva] Mosk. rabochii, 1961 36 p. (Ekonomicheskie znaniia - kazhdomu stroiteliu)
Some results of the discussion of the problem of measuring, calculating, and planning labor productivity in construction. Ekon. stroi. no. 11 48-52 N '61.

CONSTRUCTION INDUSTRY—PRODUCTION STANDARDS
On uniform and departmental norms and prices for construction and assembly work Ekon. stroi. no.12;59-63 D '61.

CONSTRUCTION WORKERS
(see also subdivision under Kremenchug Hydroelectric Power Station)
Smolianitskii, S. M. [Listen, life!] Slushai, zhizn'! Moskva, Izd-vo "Znanie," 1961. 46 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 10, Molodezhnaia, no. 24)

CONSTRUCTION WORKERS—EDUCATION AND TRAINING see subdivision under Balkhash

CONSUMER'S GOODS see Russia—Manufactures

CONSUMPTION see Tuberculosis

CONSUMPTION (ECONOMICS)
"National consumption under socialism" by P. S. Matisiavskii. Reviewed by I. Pisarev. Vop. ekon. no. 2: 137-139 F '62.

CONTINENTAL SHELF
"International laws on the open sea and continental shelf" by S. V. Molodtsov. Reviewed by L. A. Ivanashchenko. Izv. vys. ucheb. zav. ;prav. 5 no. 2;185-187 '61.

CONTINUED FRACTIONS see Fractions, Continued

CONTRACEPTION see Conception—Prevention

CONTRACTS
Komarov, B. K. [Contracts for the sale of merchandise on commission according to Soviet law] Dogovor komissii po sovetskomu pravu. [Moskva] Izd-vo Mosk. univ., 1961. 51 p.

CONTRACTUAL PENALTIES see Penalties, Contractual

CONTRAST MEDIA
Rare complication following fistulography - iodolipodol embolism of vessels of the greater circulation. L. V. Aseev, M. I. Burmistrov Vest. khir. no. 1;130-132 '62

CONTROLLERS, ELECTRIC see Electric controllers

CONVENTS AND NUNNERIES
Maevskii, Vl. [Lesna, Hopovo-Fourqueux (nuns devoted to charity)] Lesna, Khopovo-Furke. (Podvizhnitsy liubvi). Sao Paulo, 1962. 79 p.

CONVERTERS, ELECTRIC see Electric current converters

CONVEYING MACHINERY
Automatic drive of suspended pusher conveyers. A. G. Mekler, Z. I Shafirov, R B Askinazi. Vest. mash 42 no 1 34-39 Ja '62.
Best law of motion of the chute of a vibrating conveyor. IU. V. Epshtein, M. N. Aleksandrova, L. P. Rapota. Izv vys. ucheb. zav. ;gor. zhur. no 11-95-102 '61
Bovin, G. M. [Lateral displacement of the roller band of conveying machinery] Poperechnoe smeshchenie rolikovogo polotna transportiruiushchikh mashin. Moskva, Otdel nauchno-tekhn. informatsii, 1959. 97 p. [MICROFILM]
Cable-belt conveyers. V. Pavliuchenko. Sov. shakht. 11 no 2;15 F '62
Cableless circuit for the automation of belt and single-chain scraper conveyers in a coal mine. A. P Chernyshev and others. Prom. energ. 16 no. 6;10-11 Je '61
Effect of elastic elements of suspension with a nonlinear characteristic on the operation of a vibrating conveyer. I. F Goncharevich, N G Sakhno, F. E. Tranin. Nauch soob. Inst. gor. dela 4 97-108 '60
Establishing the optimum length of the front of an open pit when using conveyer haulage of the overburden. V. P. Aksenov, N. A. Mel'nik. Nauch. zap Ukr. nilpromekta no. 2,109-117 '60
Feeding and conveying devices partly using gravity flow. V. P. Bobrov. Mekh i avtom. proizv. 16 no. 1;45-46 Ja '62.
High capacity conveyer for inclined workings. B. Grinzanov. Sov. shakht. 11 no 2-14 F '62.
Increasing the stability of the operation of electric vibratory machines. I. A. Kudukhov, T. V. Sanakoev. Obog. rud 6 no. 4;43-45 '61.
Inertia conveyer for bakery products. E. V. Filimova. Izv vys. ucheb zav., pishch. tekh. no. 5 106-115 '61.
New conveyer for lap transport. F. M Migukin and others. Tekst. prom. 21 no. 5;51-53 My '61.
"Overhead conveyers" by V. K. Dilachkov. Reviewed by V. Sukhopol'skii. Mashinostroitel' no. 1.46 Ja '62.
Recording the performance of inclined belt conveyers. P. I. Fedorov-Khonichev. Obog. rud. 6 no. 5,43-44 '61.
Saving electric power in the operation of conveying systems of production lines. A. I. Gurshtein. Prom. energ. 16 no. 6;8-9 Je '61.
Types of overhead pushing conveyers. V. K. Dilachkov. Mekh. i avtom. proizv. 16 no. 1;40-44 Ja '62.
"Underground conveying machinery" by A. O. Spivakovskii and others. Reviewed by IU. I. Mikhailov. Mekh. i avtom. proizv. 16 no. 1;56 Ja '62.

CONVEYING MACHINERY—BIBLIOGRAPHY see Bibliography—Conveying machinery

COOKERY
Russia (1917- R. S. F. S. R.) Ministerstvo torgovli. [Collected recipes of dishes for workers and students] Sbornik retseptur blud dlia pitaniia rabochikh i studentov. 2. peresr., dop. izd. Moskva, Gos. izd-vo torg. lit-ry, 1961. 491 p.

COOKERY—EQUIPMENT AND SUPPLIES
Food boilers operated on liquid fuel. N. Trekhov, A. Chubyrin. Tyl i snab. Sov. Voor. Sil 21 no. 11;89-90 N '61.

COOKERY (MEAT)
Fundamentals of a new technology in producing paté from raw meat. A I. Barmash. Izv. vys. ucheb. zav. , pishch. tekh. no 5,53-55 '61.

COOKERY, MILITARY
Council on food preparing technic. B. Rogovin. Tyl i snab. Sov. Voor. Sil 21 no. 12;58-59 D '61.

COOKERY, MILITARY—STUDY AND TEACHING
Training of cooks in school kitchens. P. Marchenko. Tyl i snab. Sov. Voor. Sil 21 no. 10; 28-30 O '61.

COOLING
Profiling of a thermal load along the length of a reactor channel, taking irregular heating of the coolant into account [with summary in English]. N. N. Ponomarev-Stepnoi. Inzh.-fiz. zhur. 5 no. 2;42-46 F '62.

COOLING TOWERS
Determining the mean difference of enthalpies in cooling towers and air washers with cross flow [with summary in English on page 79]. L. D. Berman. Khol. tekh. 38 no. 4;34-37 Jl-Ag '61.

COOPERATIVE AGRICULTURE see Agriculture, Cooperative

COOPERATIVE EDUCATION see Education, Cooperative

COORDINATES
"Gauss-Kriiger coordinates on the ellipsoid of revolution" by V K Khristov Reviewed by V. N Gan'shin Geod i kart no 11 72-75 N '61

COPAL see subdivision under Azerbaijan

COPPER
Equivalence of the temperature effect and deformation rate on the tensile strength of copper. T. F Elsukova, V E Panin Izv vys. ucheb zav , fiz. no 6 81-86 '61

Principal results of the studies of cyclone processes of smelting and sublimation I, P, Bastna, M, I, Vdovenko, M R, Kuimangaliev. Trudy Inst energ, AN Kazakh SSR 2;261-273 '60

COPPER—ANALYSIS
Polarographic determination of small amounts of lead and cadmium in copper electrolytes (rapid method) P N Kovalenko Uch. zap RGU 41 123-131 '58

COPPER—ELECTRIC PROPERTIES
Calculating the conductance of vapors of alkali metals and copper V P Ignatenko Zhur tekh. fiz 32 no 1 129-132 Ja '62

COPPER—THERAPEUTIC USE
Use of copper iontophoresis for treatment of inflammatory processes in the lungs and respiratory tract in children [with summary in English] M, I, Botvinnikova Pediatriia 40 no 12,8-12 D '61

COPPER—TOXICOLOGY
Effect of infusions of cupriferous antifouling paints on some fouling organisms F, P Tupaeva, R, G Simkina Trudy Inst, okean. 10;224-234 '61.

COPPER—WELDING
New machines for the cold butt welding of aluminum, copper and aluminum with copper. I B Baranov Avtom. svar. 15 no 2 49-59 F '62.

COPPER ALLOYS—HEAT TREATMENT
Investigating methods of strengthening copper-base spring alloys A, G, Rakshtadt and others. Metalloved, i term obr, met, no, 1:45-56 Ja '62

COPPER BROMIDE
Pressure of cuprous bromide and chloride saturated vapors. P, I, Fedorov, M, N, Shakhova. Izv, vys, ucheb, zav, ;khim, i khim, tekh. 4 no, 4;550-553 '61.

COPPER CHLORIDE
Pressure of cuprous bromide and chloride saturated vapors. P, I, Fedorov, M, N, Shakhova, Izv, vys, ucheb, zav, ,khim, i khim, tekh. 4 no, 4 550-553 '61.

COPPER COMPOUNDS—SPECTRA
Paramagnetic resonance in solutions of complex copper salts. Determination of the characteristic parameters of the Brownian rotation of complexes A, I, Rivkind. Zhur, strukt, khim, 2 no, 3;369-370 My-Je '61.

COPPER INDUSTRY see subdivision under Balkhash

COPPER MINES AND MINING see subdivision under Pyshma region (Sverdlovsk Province)

COPPER OXIDE
Effect of thermal treatment and aging on the width of the impurity zone in the semiconductor coating of cuprous oxide rectifiers. V, I, Kuznetsov, M, I, Shchevelev Izv. vys. ucheb, zav, , fiz, no, 0,145-149 '61.

COPPER OXIDE—ELECTRIC PROPERTIES
History of studying the semiconducting properties of cuprous oxide. E, N, Dimarova. Trudy inst, ist, est, i tekh. 43:165-181 '61.

COPPER SELENIDE—ELECTRIC PROPERTIES
Electric properties of Cu_2Se. G, P, Sorokin. Izv, vys. ucheb, zav, , fiz. no, 6;158-163 '61.

COPPER SULFIDES
Diffusion of copper in the sulfide film formed on it, I, I, Pokrovskii, M, M, Pavliuchenko, I, E, Shimanovich. Dokl, AN BSSR 5 no, 11;499-502 N '61.

COPPER-ZINC ALLOYS
Cyclone smelting of copper-zinc concentrates. P, A, Miasnikov, A, I, Okunev, D, I, Lutokhin. Trudy Inst, energ, AN Kazakh, SSR 2;274-284 '60.

COPYING PROCESSES
Frolov, I, M. [Duplication of drawings and technical records without copying] Beskopirovat'noe razmnozhenie chertezhno-tekhnicheskoi dokumentatsii. Leningrad, Gos, soiuznoe izd-vo sudostroit, promyshl, , 1961. 35 p.

CORALS, FOSSIL see subdivision under Tajikistan; Tien Shan

CORIOLIS, GASPARD-GUSTAVE, 1792-1843
G, -G, Coriolis; on the 170th anniversary of his birth. L, S, Freiman. Trudy inst, ist, est, i tekh, 43:478-489 '61.

CORN (MAIZE)
(see also subdivision under Buryat-Mongolia; Karaganda Province; Ossetia, North; Uzbekistan, White Russia)

Corn as one of the best crops to precede winter wheat in Rostov Province. N. P. Trunov. Zemledelie 23 no. 12' 22-26 D '61.

[Corn in the fields of the Russian Federation] Kukuruza na poliakh Rossiiskoi Federatsii. Moskva, Izd-vo M-va sel', khoz. RSFSR, 1961. 361 p. (DA)

Experimental work of young naturalists from the Trubnikoborsk school. K, M TSeitlin. Biol, v shkole no. 1' 58-60 Ja-F '62.

"Mechanized planting of corn without using manual labor" by Z Kh Shautsukov Reviewed by P G Luchkov. Vest sel'khoz nauki 6 no. 11 157-158 N '61.

Progress of communism depends on our work. [Un nat. no 1;7 Ja '62

Secrets of a corncob. F, M, Kuperman. [Un, nat. no. 12' 6-7 D '61.

Supplement to the standard list of occupations and work paid according to wage schedule established for workers in the flour, groats and feed milling industry, plants for processing hybrid and certified corn seeds, and enterprises repairing sacks, engaged in difficult and harmful work under high temperatures. Biul, Gos, kom po vop, truda i zar, platy no, 10;7-8 '61.

CORN (MAIZE)—CONGRESSES
Vsesoiuznoe soveshchanie po proizvodstvu kukuruzy, Krasnodar, 1960. [All-Union Conference on Corn Growing] Vsesoiuznoe soveshchanie po proizvodstvu kukuruzy, g. Krasnodar, 9-13 fevralia 1960 goda, Moskva, Izd-vo M-va sel', khoz, SSSR, 1961, 527 p. (DA)

CORN (MAIZE)—DRYING
Using an induction motor for corn drying. V, Tochilkina, M, Skliarevskaia. Pozh, delo 8 no 1:26-27 Ja '62.

CORN (MAIZE)—EXHIBITIONS
Exhibition "Corn, the most valuable food plant." M, E, Burman. Sakh, prom. 35 no, 12:57-58 D '61.

CORN (MAIZE)—FERTILIZERS AND MANURES
(see also subdivision under Karaganda Province)

Effect of different methods of trace element application on carbohydrate and nitrogen metabolism in corn [in Azerbaijani with summary in Russian]. B, Z Guseinov, Z, Iu, Mamedova. Izv, AN Azerb, SSR, Ser biol i med nauk, no, 1;3-14 '61.

CORN BREEDING
Cytoplasmic male sterility in corn [with summary in English]. V G Smirnov Iasl, po gen. no 1 55-76 '61.

CORNEA—FOREIGN BODIES
Removal of foreign bodies from the cornea under the control of a slotten lamp A, A, Nesterov. Voen, -med, zhur, no, 7;80 Jl '61.

CORONA (ELECTRICITY)
Certain problems concerning the theory of grain separation and methodology for studying it, A, M Basov, F, IA, Izakov. Trudy CHIMESKH no. 12 78-91 '61.

CORONARY HEART DISEASE
Anticoagulant system in disorders of the coronary circulation [with summary in English] V, M, Panchenko. Terap, arkh. 33 no, 10,28-33 '61.

Bipolar chest leads and their significance in the diagnosis of coronary insufficiency [with summary in English] V, I, Petrovskii. Kardiologiia 1 no 6 51-58 N-D '61

Clinical tests for nitrosarbide in coronary disease. A, B, Zborovskii, A, A, Beliakova, G, F Efimova, Vrach delo no, 6 36-39 Je '61

Determination of glycoproteins and sialic acid in the blood serum in coronary sclerosis and myocardial infarct. V, E, Anisimov, S, F, Akhmerov. Klin, med, no, 1,62-66 '62,

Effect of anticoagulants on the blood level in coronary atherosclerosis [with summary in English]. L, A, Miasnikov, V, I Platenko. Sov, med. 25 no, 7 31-35 Jl '61.

Effect of bilateral ligation of the internal thoracic artery on the development of collateral circulation in the heart in coronary insufficiency. A, I, Drevina. Vest, khir, no, 6;36-43 '61.

Effect of papaverine, nitroglycerin and chloractain on coronary blood circulation in disorders of the myocardial blood supply [with summary in English] G, A, Markova. Farm, i toks. 24 no, 3;292-297 My-Je '61.

Energy metabolism of the heart and its disorder in coronary insufficiency [with summary in English]. S, E, Severin. Kardiologiia 1 no, 2 3-13 Mr-Ap '61.

Functional state of the thrombocytes in coronary insufficiency [with summary in English]. L, A, Gushchina. Terap, arkh. 33 no, 10,23-28 '61.

Scientific studies on the problems of hypertension, arteriosclerosis and coronary insufficiency from 1961 to 1962. Kardiologiia 1 no, 2 89-91 Mr-Ap '61.

Use of reserpine in hypertension with atherosclerosis of the coronary arteries. M, V, Ignat'ev. Kardiologiia 1 no, 2;77-78 Mr-Ap '61

CORONARY VESSELS
Changes in the coronary circulation and blood pressure during stimulation of the hypothalamus region A V Tonkikh, A, I, Il'ina, S, I, Teplov. Fiziol zhur 47 no, 7;801-805 Jl '61,

Coronarography. G, A, Natsvlishvili, T, I, Akhmeteli. Soob, AN Gruz SSR 27 no 5;625-626 N '61.

CORONARY VESSELS—CALCIFICATION
X-ray diagnosis of calcifications of the coronary arteries I A Shekhter, N, A, Rabukhina, B A Kronrod Klin med no 1 58-62 '62

CORONARY VESSELS—DISEASES
Clinical value of determining blood serum aminopherase in coronary insufficiency [with summary in English] M I, Sidorenkov, Sov, med 25 no 8 63-66 Ag '61.

Coronary atherosclerosis and myocardial infarct observed in large cities and rural areas V Jones, L, Glouca1, Sov, med 25 no 9;18-22 S '61.

Effect of camphor on the coronary vessels in experimental coronary insufficiency [with summary in English] T, F, Marina, A S Saratikov. Farm i toks 24 no, 4,289-291 My-Je '61

In vivo destruction of experimental thrombus in the coronary vessels [with summary in English] I, I, Chazov. Biul, eksp, biol i med 52 no, 8;22-25 Ag '61

Reserve alkalinity and true urinary acidity in acute myocardial infarction caused by thrombosis of the coronary artery A, D Khetaguirov Terap arkh 33 no 10 33-38 '61.

Second International Colloquium on the distribution of coronary diseases in various countries of the world I I Speranskii. Kardiologiia 1 no, 2 91 Mr-Ap '61

CORPULENCE
Pathogenesis of hypothalamic adiposis, M, S, Kakhana, A, M Kakhana, Sov, med 25 no 9;72-75 S '61.

CORRESPONDENCE SCHOOLS AND COURSES
(see also subdivision under Chistyakovo, Donets Basin; Ukraine; Zagorsk)

Evening and correspondence form of teaching. K, G, Bnikova, Sred, spets obr 9 no, 1;35-37 Ja '62

Higher education without interruption of work, A G Lebedev Vest, vys, shkoly 20 no 1 13-18 Ja '62,

In the Ministry of Higher and Secondary Education of the U, S, S, R, Vest vys shkoly 20 no 1 57 Ja '62.

Let's persist in improving the theoretical preparation of students, V K, Korolkov, V, A Seleznev, Vest, vys, shkoly 20 no 1 38-41 Ja '62,

Meeting the demands of life, V, Kh Galeev, Vest, vys, shkoly 20 no, 1 60-65 Ja '62

Some features of the work in the correspondence course "Mining Machinery" with students specializing in mining electromechanics, K, V, Liuterevich, R P, Rzhondkovskii, Izv, vys, ucheb, zav, gor, zhur, no, 11;173-175 '61,

Success of the session depends on good organization, G I Goncharskii, Vest, vys, shkoly 20 no 1 46-47 Ja '62,

The way experience in methods accumulates Vest, vys, shkoly 20 no, 1 60-62 Ja '62,

CORROSION AND ANTICORROSIVES
Acid washing of the heating surfaces of steam boilers before starting them D IA, Kogan Energ stroi, no 20 121-124 '61

Corrosion protection of metal structural elements through proper design, N, M Voronov Sbor, nauch, trud TISI 8,95-104 '61

Investigating the corrosion of a coke quenching car caused by ammonia liquor, P, K, Sliusarenko, Koks i khim, no, 9;63-64 '61,

Moscow, Moskovskii gosudarstvennyi pedagogicheskii institut, Kafedra obshchei i analiticheskoi khimii. [Corrosion inhibitors for metals; investigation and use] Ingibitory korrozii metallov; issledovanie i primenenie, Moskva, Izd, MGPI im, V, I, Lenina, 1960, 304, 12 p.

New corrosion inhibitor from by-products of the coke industry, N, G, Chen, Izv, vys, ucheb, zav, , khim, i khim, tekh, 4 no, 4;680-685 '61,

Rapid method for evaluating the corrosivity of fuels, I, V, Rozhkov and others, Khim, i tekh, topl, i masel 7 no, 2;60-64 F '62,

Reducing the corrosive action of antiscaze compounds without altering their effectiveness, IU S, Zaslavskii and others, Khim i tekh, topl, i masel 6 no 12;39-43 D '61,

Resistance of floors to the corrosive action of sugar solutions A, A, Domashevskii Sakh prom. 35 no, 11' 30-35 N '61.

CORROSION AND ANTICORROSIVES—BIBLIOGRAPHY
see Bibliography—Corrosion and anticorrosives

CORROSION AND ANTICORROSIVES—CONGRESSES
All-Union Conference on theoretical problems of corrosion and metal protection, L, Freiman, Khim, prom, no, 12;872 D '61

Scientific and technological conference on the control of corrosion in aggressive media, A, L, Labutin, Khim, prom, no, 1;75-76 Ja '62.

CORROSION, ELECTROLYTIC see Electrolytic corrosion

CORTISONE

Influence of cortisone on the therapeutic effect of levomycetin at various stages of experimental infection in connection with hormonal influence on phagocytosis [with summary in English] V A Liashenko Antibiotiki 6 no 6:504-507 Je '61.

Side effects of ACTH and cortisone on gastric secretion [with summary in English] L P Smirnov Klin med no. 1 114-116 '62.

Use of cortisone in ophthalmology. A. O. Gromyko. Voen.-med zhur no 7:80 Jl '61

CORTICOSTEROIDS

Use of corticosteroids in some dermatoses. N. A Ivanov. Sov med. 25 no 9:41-47 S '61

CORYNEBACTERIUM DIPHTHERIAE

Essel', A. E. [Problems in the biology of the causative agent of diphtheria] Voprosy biologii vozbuditelia difterii. Chita, 1959. 189 p. (Chita. Institut epidemiologii, mikrobiologii i gigieny. Nauchnye zapiski, no 5)

COSMETICS—TOXICOLOGY

Case of pneumoconiosis caused by the inspiration of cosmetic powder N I Magalii, V P Veinberg Sov med 25 no 7 152-154 Jl '61

COSMIC DUST

How much cosmic substance falls on the earth V. S. Safronov Priroda 51 no 1 127-128 Ja '62.

COSMIC PHYSICS

Leshkovtsev, V. A. [Physics of cosmic space] Fizika kosmicheskogo prostranstva. Moskva, Izd-vo "Znanie," 1961. 39 p. (Narodnyi universitet kul'tury Estestvennonauchnyi fakul'tet, no. 16)

Spherical systems of stars and galaxies at early stages of evolution [with summary in English]. T A Agekian. Vest LGU 17 no. 1 152-161 '62

COSMIC RAYS

Characteristics and fine structure of the large cosmic ray fluctuations in November 1960 (from "Journal of geophysical research," vol 66, no 5, 1961) Geomag i aer 1 no 5 845-847 S-O '61.

Determining the position of the equator of cosmic rays from data of the schooner "Zaria " IU M. Kopylov, IU. I. Okulov Geomag i aer. 1 no 5 658-662 S-O '61

Effect of magnetic storms on cosmic rays during the minimum of solar activity L I Dorman, V K. Kotava Geomag. i aer 1 no 5 839-841 S-O '61

The influence of the location of a chromospheric flare on the sun on the effect of the intensity increase of solar cosmic rays on the earth L. I. Dorman, E V Kolomeets Geomag i aer 1 no. 5 830-831 S-O '61

Lunar daily variation of the neutron component of cosmic rays and the problem of its origin L I Dorman, L. Kh Shatashvili Geomag i aer 1 no 5 663-670 S-O '61

Statistical analysis of "small" flares of cosmic rays on quiet days during the period of maximum solar activity L. I. Dorman, E V Kolomeets Geomag i aer 1 no 5 653-657 S-O '61

COSMIC RAYS—MEASUREMENT

Equator of cosmic rays according to the data of the third Soviet artificial satellite. I A. Savenko and others Isk sput. Zem no 11 30-34 '61

COSMOLOGY

Universe expands! V. Danylenko. Znan. ta pratsia no. 1-9 Ja '62.

COST AND STANDARD OF LIVING

(see also subdivision under Communist Countries; Vietnam, North)

Communism is an abundance. P. Ul'ianov, Komm, Vooruzh. Sil 2 no. 3 39-47 F '62

Obrodnik, S. IA. [Everything for the welfare of the people] Vse dlia blaha narodu. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1961. 43 p.

The party in the struggle for improving the national welfare. A. Baranovs'kyi. Ekon. Rad Ukr. no. 8 42-50 N-D '61.

Problem of abundance and the transition to communist distribution. I. Anchishkin. Vop. ekon. no 1:74-86 Ja '62.

Role of public consumption funds in improving the living standards of the Soviet people. V. Vasil'eva, N. Kuznetsova. Biul. nauch. inform. trud i zar. plata 4 no. 12: 38-44 '61.

The significance of public consumption funds. M. Volkov. Komm. Vooruzh Sil 2 no. 3:77-80 F '62.

COSTS, INDUSTRIAL

(see also subdivision under Moscow)

The nature of the coefficients of total expenditures and their characteristics, on the significance of the interbranch balance of production and consumption. V. P. Zhivin, A. I. Klinskii. Och. po sovr. sov. i zarub. ekon. no. 1:31-58 '60.

Paying bonuses to engineers, technicians and office employees for reducing production costs. A. Khatras, F. Anson. Biul. nauch. inform. trud i zar. plata 1 no. 9 28-33 '61.

Survey data of a sampling study of the cost indices of production. Vest stat no 1-88-96 '62

COTTON

Cytochemistry of nucleic acids in the process of the development of archesporial cells of the cotton plant anther. IU. L. Nikiforov. Izv AN Turk SSR, Ser. biol nauk no. 6:7-17 '61.

Kiiyentsov, V. I. [Cotton is an important chemical raw material] Govacha mökhüm khimiki chig maldyi. Ashgabat, 1960. 27 p. [In Turkmen]

Principles underlying the division of Central Asia and southern Kazakhstan into agroclimatic regions. L. N Babushkin. Vop. geog. no. 55 131-137 '61.

COTTON—FERTILIZERS AND MANURES

(see also subdivision under Azerbaijan)

Plant uptake of radioactive phosphorus and its effect on cotton yields [in Azerbaijani with summary in Russian] Z. R. Movsumov. Izv. AN Azerb SSR Ser. biol i med nauk no 10:103-108 '61.

COTTON—IRRIGATION

(see also subdivision under Azerbaijan, Soviet Central Asia, Turkmenistan)

Automation of cotton irrigation. G. IU. Sheinkin. Dokl. AN Tadzh SSR 4 no. 4:36-42 '61.

Technology of the open-furrow cotton irrigation with interrows of various width. Kh A. Baraev. Izv. AN Turk SSR, Ser. biol nauk no 6:40-47 '61.

COTTON FINISHING

High-quality crease resistant finishing of cotton fabrics T N Arkhipova and others. Tekst prom 21 no 5 67-68 My '61

Some results of the adoption of the new technology in fabric finishing. L. I. Konovalova. Izv vys. ucheb zav., tekh. tekst. prom. no. 6:140-141 '61

COTTON GROWING

(see also subdivision under Golodnaya Steppe, Khorezm Province; Tashkent Province, Uzbekistan, Yangi-Yul District)

Effect of the conditions of development on the dynamics of the formation and drop of fruit organs in the cotton plant. K. Aleskerov. Izv. AN Azerb. SSR Ser. biol. i med nauk no 10:56-66 '61.

COTTON MANUFACTURE

Ways of improving the quality of raw materials for the manufacture of wadding I M Khatenever. Tekst prom 21 no 5 15-16 My '61.

COTTON-PICKING MACHINERY

(see also subdivision under Srednechirchinskiy District; Tashkent, Uzbekistan)

Cotton-picking machines will be more efficient and economical A. Murav'ev. Nar. khoz Uzb. 3 no. 8, 63-64 Ag '61.

COTTON WEAVING

Gordeev, V. A., K. P. Nekrasov, and P. V. Volkov. [Cotton weaving] Khlopkotkachestvo. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1961. 517 p.

COTTONSEED OIL

Processing unhulled cottonseeds by extraction method without preliminary pressing. A. L. Markman, A I Glushenkova Izv vys ucheb zav., pishch tekh no. 5 10-52 '61

COUNTING DEVICES

Decatrons G Karasev. Radio no. 2:37-40 F '62.

COUP, JACK

"Beautiful house" by Jack Coup. Reviewed by V. Vavilov, M. Novikova. Sov. etn. no. 5 202-204 S-O '61.

COUPLINGS

New metal linings for super high pressure flanged joints. R A. Ramazanov. Azerb. neft. khoz. 40 no. 11:40-42 N '61.

COURAGE

Courage is born of struggle. V. Leonov. Komm. Vooruzh. Sil 2 no. 3:61-65 F '62.

COURTS

(see also subdivision under Estonia; Ukraine; United States)

How the laws on the judicial system of the Union Republics develop some principles of all-Union law. T. N. Dobrovol'skaia. Sov. gos. i pravo 32 no. 2:68-79 F '62.

The work of district people's courts. O. Panovin, T. Fedorenko, H. Striuk. Rad. pravo no. 4:116-121 Jl-Ag '61.

Zeitkson, E. S., and A. D. Platunov. [Procedure in the election to the people's courts] Poriadok vyborov narodnykh sudov. Alma-Ata, Kazakhskoe gos. izd-vo, 1960. 30 p.

COURTS OF HONOR

Two styles of work. V. Krasnogorskii. Sov. shakht. 11 no. 2:38-39 F '62.

COWPEAS

Proteins in seeds of the Siberian pea tree and the cowpea. I. B. Shemetaite. Trudy Glav. bot. sada 8:17-20 '61

COWS

Fermentation process of rumen, gas and energy metabolism, and butterfat production in cows [with summaries in English, German, and French]. I I Khitenov. Vest sel'khoz nauki 6 no 11 56-67 N '61

Nature of lactation in cows. F. A Derlogina. Trudy Komi fil AN SSSR no 9,16-22 '60

COXSACKIE VIRUSES

(see also subdivision under Bulgaria)

Use of transplanted cells of mice embryos (line KEM-6.5) for the color test [with summary in English]. V I Chivrilov, I N Kuhorina, N. N Vasil'eva Vop virus. 6 no 5 563-568 S-O '61

CRACKING PROCESS

(see also subdivision under Bashkiria)

Economic aspects of the use of various catalysts for the catalytic cracking of a heavy feed stock A G. Straikh. Khim i tekh. topl. i masel 7 no 1 41-44 Ja '62.

Hydrocracking of high boiling fractions of coal tar in a catalyst stationary bed under the pressure of 30 atmospheres. IA. R. Katsobashvili and others. Koks i khimiia no. 10: 48-52 O '61

Long service life of a platinum catalyst. G. N. Maslianskii and others. Khim. i tekh. topl. i masel 7 no. 2, 5-7 F '62.

Selecting an aluminosilicate catalyst for heavy feed stock cracking. E. T. Gallaich. Khim i tekh topl. i masel 7 no. 2 18-19 F '62

CRACKING PROCESS—SAFETY MEASURES

Safety measures in producing acetylene of natural gas. I. S. Rotzen Bezop. truda v prom 5 no. 12 18-19 D '61.

CRAMBE see subdivision under Uzbekistan

CRANBERRY TREE

Germination of the seeds of cranberry and wayfaring trees. E. P. Zabrovskii, N. N Vaganova. Bot zhur 46 no. 8, 1169-1171 Ag '61

CRANES, DERRICKS, ETC.

Akademiia stroitel'stva i arkhitektury SSSR, Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu [Temporary instructions N8-61 on operating procedures for cranes and hoisting machines] Vremennye ukazaniia po rezhimam raboty kranov i osnovnykh zemleroinykh mashin N 8-61. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961 30 p.

Balanced jib systems without counterweights F. M Leinet. Izv vys ucheb zav., mashinostr no 8 77-80 '61

Balancing of the mobile upper structure of cranes. B. I Zhermunskii Vest mash 42 no 1 31-34 Ja '62

Comments on M. B. Mekler's article "Stability of tower jib cranes." Bezop. truda v prom 5 no. 12 26-28 D '61.

Efficient design of the upper structure of crane tracks. M. Vargin. Mos. stat 22 no 1:15-16 Ja '62.

Eliminate structural shortcomings in building cranes. V. I. Poliakov. Bezop truda v prom 5 no. 12 12-14 D '61.

Hoisting A-shaped derricks L. N Igorev, V. N. Golovko. Neft khoz 39 no 9, 12-18 S '61

Kharkov. IUzhnyi nauchno-issledovatel'skii institut promyshlennogo stroitel'stva. [Construction cranes] Stroitel'nye krany; spravochnoe posobie. Pod red. E. I. Konushevskogo. [Khar'kov] Khar'kovskoe knizhnoe izd-vo, 1961. 409 p.

Launching and ship-raising structures in capitalist countries [from foreign journals]. N. V. Andreeva, O. N Finkel'. Sudostroenie 27 no 11:62-65 N '61.

Russia (1917- U.S.S.R.) [illegible] po nad[illegible] myshl[illegible] tions [illegible] truck-mounted, crawler, rubber-tired] Tipovaia instruktsiia dlia kranovshchikov strelovykh peredvizhnykh kranov, zheleznodorozhnykh, avtomobil'nykh gusenichnykh, pnevmokolesnykh. 2. izd. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 19 p.

CRANES, DERRICKS, ETC.—SAFETY MEASURES

Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut stroitel'nogo i dorozhnogo mashinostroeniia. [Safe operation of tower cranes] Bezopasnost' raboty na bashennykh kranakh. Moskva, Gosstroiizdat, 1961. 119 p.

Russia (1923- U.S.S.R.) Komitet po nadzoru za bezopasnym vedeniem rabot v promyshlennosti i gornomu nadzoru. [Regulations for the design and safe operation of freight-lifting cranes] Pravila ustroistva i bezopasnoi eksploatatsii gruzopod"emnykh kranov; obiazatel'ny dlia vsekh ministerstv i vedomstv. V nastoiashchee izdanie Pravil vneseny izmeneniia i dopolneniia, prinatye Gosgortekhnadzorom RSFSR. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 63 p.

CRANKS AND CRANKSHAFTS—TESTING

Strength of chromium plated crankshafts. V. S. Borisov. Vest mash 42 no 1:25-26 Ja '62

CRAWLER TRACTORS

Assembly and installation of the supporting rollers of the crawler tread. A. G. Mandrichenko. Trakt i sel'khozmash. 31 no 12 36-37 D '61.

CREAM SEPARATORS

"Cream separation" by N. N. Lipatov. Reviewed by V. A. Korando and V. M. Kharash. Izv. vys. ucheb. zav., pishch. tekh. no 5 167-168 '61

Effect of the technology of production and balancing on the unbalance of cream separator drums. A. E. Martyushkin, A. S. Nikolaev. Izv. vys. ucheb. zav., pishch. tekh. no 5 92-96 '61.

CREASE RESISTANT FABRICS

High-quality crease resistant finishing of cotton fabrics. T. N. Arkhipova and others. Tekst. prom. 21 no. 5: 67-68 My '61.

CREASE-RESISTANT FABRICS—TESTING

Effect of rayon yarn structure on the crease resistance of fabrics. V. P. Skilnamukov, S. S. Paladov. Tekst. prom. 21 no. 5 71-74 My '61.

CREATION

Liashevskii, Stefan. [Trilogy; reconciliation of contemporary scientific data with the Biblical narrative] Trilogiia, opyt soglasovaniia sovremennykh nauchnykh dannykh s Bibleiskim povestvovaniem. [n. p.] 1962 57 p.

CREDIT

(see also subdivision under Poland)

From our readers' letters. Den. i kred. 20 no 1:72-77 Ja '62.

Shenger, IU. E. [Studies on Soviet credit] Ocherki sovetskogo kredita. Moskva, Gosfinizdat, 1961. 406 p.

CREDITOR see Debtor and creditor

CREEP OF ALUMINUM

Method of determining the endurance limit of materials with low embrittlement. N. A. Borodin. Trudy MATI no. 51 85-89 '61.

CREEP OF MATERIALS

Effect of creep deformations exerted by the dimensions of the cross section of a concrete prismatic specimen and by the form of the stress diagram. I. I. Tumanov. Izv. AN Arm. SSR. Ser. fiz.-mat. nauk 14 no 6 77-91 '61

Insertion of a rigid wedge into a semiplane under conditions of steady creep. N. Kh. Arutiunian, M. M. Manukian. Prikl. mat. i mekh. 26 no 1:105-109 Ja-F '62.

CRESOL

Alkylation of phenols by compounds having two functions. Report No 6. Catalytic alkylation of p-cresol by 1,4-butanediol and tetrahydrofuran. N. I. Shuikin and others. Izv. AN SSSR. Otd. khim. nauk no. 1 122-124 Ja '62.

CRIME AND CRIMINALS

(see also subdivision under Great Britain; Ukraine)

Criminal responsibility for private business activities. L. Brakov. Sots. zakon. 38 no. 12 21-24 D '61

Drastic measures against the defraudation of the state are the most important objective of Soviet courts. M. Gavrilin. Sov. iust. no. 1:29-31 Ja '62.

Grounds for criminal responsibility according to Soviet law. N. S. Alekseev, V. G. Smirnov, M. D. Shargorodskii. Izv. vys. ucheb. zav.; prav. 5 no. 2:73-85 '61

Let's establish a general determination of "vicious criminal offenses committed by recidivists." S. Stepichev. Sots. zakon. 38 no. 1:27-30 Ja '62.

Let's intensify our struggle against loafers. M. Batiuk. Rad. pravo no. 4:130-131 Jl-Ag '61.

New forms of the struggle against crime and some problems of criminal responsibility. B. S. Utevskii. Izv. vys. ucheb. zav.; prav. 5 no. 2:63-72 '61

Semenov, V. M., E. A. Frolov, and D. IA. Mirskii. [This is what voluntary policemen should know] Eto nado znat' druzhinniku. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 70 p.

CRIME IN LITERATURE

"Counterfeiters"; a story by V. Kukushkin. Reviewed by G. Volkov. Sots. zakon. 38 no. 1:94-96 Ja '62.

CRIME PREVENTION

(see also subdivision under Tul'chin District; Vsevolozhskiy District)

Crime prevention. M. Alekseev. Sots. zakon. 38 no. 1: 31-33 Ja '62.

Pushechnikov, A. G., and B. P. Timokhovich. [The Soviet public and the struggle against crime] Obshchestvennost' i bor'ba s prestupnost'iu. Alma-Ata, Kazakhskoe Gos. izd-vo, 1960. 42 p.

Soviet jurisprudence and the prevention of criminal offenses. A. A. Gertsenzon. Sov. gos. i pravo 32 no. 1: 50-60 Ja '62.

To our readers. Sov. iust. no. 1:32 Ja '62.

CRIMEA—BOTANY—ECOLOGY

Brief bioecologic analysis of the Crimean flora [with summary in English]. N. I. Rubtsov, L. A. Privalova, L. V. Kriukova. Bot. zhur. 46 no. 8:1087-1097 Ag '61

CRIMEA—FISHES—FOOD

Some considerations on the introduction of new species of food fauna into Crimean reservoirs. P. A. Zhuravel'. Trudy Gidrobiol. ob-va 11 338-344 '61.

CRIMEA—FLOODS

Quantitative characteristics of individual flash floods in the Crimea. B. M. Gol'din, L. S. Liubashevskii. Trudy UkrNIGMI no. 30 91-96 '61.

CRIMEA—FRUIT CULTURE

Economic efficiency and prospects for developing viticulture and fruit culture in the Crimea. P. Feshchenko. Ekon. Rad. Ukr. no 6:102-107 N-D '61

CRIMEA—GEOLOGY, STRATIGRAPHIC

Stratigraphy of continental Pliocene sediments in the Crimea. V. I. Babak. Trudy MGRI 37 137-151 '61

CRIMEA—HEALTH RESORTS, WATERING PLACES, ETC.—CONGRESSES

Fourteenth Scientific Conference on Practice of Doctors of the Crimean Group of Sanatoriums under the Ministry of Defense of the U.S.S.R. B. Nikol'skii. Vop. kur., fizioter. i sots. gig. kul't 26 no 6 368-369 N-D '61.

CRIMEA—HISTORY—BIBLIOGRAPHY

Problems in the history of early medieval Taurica and the literature of recent years. D. L. Talis. Viz. vrem. 19:240-259 '61.

CRIMEA—SOLONETZ SOILS

Bringing under cultivation Solonetz soils of the meadow-steppe complex of Crimea Province. A. V. Novikova. Nauch. trudy Ukr. nauch.-issl. inst. pochv 5 132-150 '61

CRIMEA—VITICULTURE

Economic efficiency and prospects for developing viticulture and fruit culture in the Crimea. P. Feshchenko. Ekon. Rad. Ukr. no 6 102-107 N-D '61.

CRIMEA—VOLCANOES

"Volcanic places in the Crimea" by V. Lebedinskii. Reviewed by A. I. Shalimov. Priroda 51 no 1:123-124 Ja '62

CRIMEAN WAR, 1853-1856—MEDICAL AND SANITARY AFFAIRS

Pirogov, N. I. [Collected works in eight volumes] Sobranie sochinenii v vos'mi tomakh. Moskva, Gos. izd-vo med. lit-ry.

Vol 5. [Principles of general military field surgery] Nachala obshchei voenno-polevoi khirurgii Pt. 1 [Sevastopol letters] Sevastopol'skie pis'ma. 1961. 638 p.

CRIMINAL DEFENSES see Defense (Criminal procedure)

CRIMINAL INVESTIGATION

(see also subdivision under Kuybyshev Province)

Conferences on the problems of criminology and forensic expertise. P. P. T'Svetkov. Izv. vys. ucheb. zav. prav. 5 no. 2:188-190 '61.

Contacts between theoretical studies and practical work. E. Borovskii. Sots. zakon. 39 no. 1:70 Ja '62.

Establishing group affiliation of objects in legal investigations. N. A. Selivanov. Sov. krim. na sluzh. sled. no. 15:78-103 '61.

Problems in applying X-ray analysis in criminal investigations. A. V. Kizner. Sov. krim. na sluzh. sled. no 15:121-137 '61

Some problems concerning the development of criminology. A. Vinberg. Sots. zakon. 39 no. 1:22-26 Ja '62

Supervision over the investigation of criminal offenses. V. Zvirbul'. Sots. zakon. 39 no. 1:57-59 Ja '62

The system of Soviet criminology. N. V. Terziev. Izv. vys. ucheb. zav. prav. 5 no. 2:152-156 '61.

We should regularize the jurisdiction of criminal investigators. Mirgorodskii. Sots. zakon. 39 no. 1:66-67 Ja '62.

CRIMINAL JUSTICE, ADMINISTRATION OF

(see also subdivision under Czechoslovakia; Lazo District)

Follow-up of articles published in "Sotsialisticheskaia zakonnost'." Sots. zakon. 39 no. 1:84 Ja '62.

Public prosecutors should contribute to the solution of present-day problems. D. Pannaiuk. Rad. pravo no. 4: 3-10 Jl-Ag '61.

Pushechnikov, A. G., and B. P. Timokhovich. [The Soviet public and the struggle against crime] Obshchestvennost' i bor'ba s prestupnost'iu. Alma-Ata, Kazakhskoe Gos. izd-vo, 1960. 42 p.

We shall develop and improve the democratic foundation of Soviet justice. R. Rakhunov. Sots. zakon. 38 no. 12 11-17 D '61.

We should ensure a strict observance of laws in the period of the large-scale building of communism. Sots. zakon. 38 no. 12:3-10 D '61.

CRIMINAL JUSTICE, ERRORS OF see Judicial error

CRIMINAL LAW

(see also subdivision under Germany, East; Hungary, Ukraine)

Answering our readers' questions. Sots. zakon. 38 no 12 67-69 D '61

How Soviet criminal law helps to maintain law and order. D. Il'inovskyi. Rad. pravo no 4:60-65 Jl-Ag '61

Investigation tactics and their place in a system of criminal law. A. N. Vasil'ev. Sov. krim. na sluzh. sled. no 15:5-47 '61

Russia (1923- U.S.S.R.) Law, statutes, etc. [Theoretical and practical commentaries to the "Basic Principals of the Criminal Law of the U.S.S.R. and the Union Republics"] Nauchno-prakticheskii Kommentarii k osnovam ugolovnogo zakonodatel'stva Soiuza SSR i soiuznykh respublik. Izd. 2. Otv. red. V. D. Men'shagin, P. S. Romashkin. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 199 p.

Solodkin, I. I. [Outline history of Russian criminal law; from 1800 to 1825] Ocherki po istorii russkogo ugolovnogo prava, pervaia chetvert' XIX v. [Leningrad] Izd-vo Leningr. univ., 1961. 169 p.

Some problems in the development of Soviet criminal law in the light of the program of the CPSU. D. S. Nikiforov, A. S. Shliapochnikov. Sov. gos. i pravo 25 no. 2:57-67 F '62.

[Soviet criminal law; general part] Sovetskoe ugolovnoe pravo, chast' obshchaia. Moskva, M-vo vysshego i srednego spetsial'nogo obrazovaniia RSFSR

No 1. Gel'fer, M. A. [Elements of a crime] Sostav prestupleniia. 1960. 19 p.

[MICROFILM]

CRIMINAL LAW—BIBLIOGRAPHY see Bibliography—Criminal law

CRIMINAL LIABILITY

Criminal responsibility for destroying and inflicting damage to goods. A. Maimutov. Uch. trudy Kazakh. gos. un. Ser. iur. no. 5:247-268 '59

Volkov, B. S. [Liability for destroying and inflicting damage to property in Soviet criminal law] Otvetstvennost' za unichtozhenie i povrezhdenie imushchestva po sovetskomu ugolovnomu pravu. [Kazan'] Izd-vo Kazanskogo univ., 1961. 89 p.

CRIMINAL PROCEDURE

(see also subdivision under Estonia, Kazakhstan, Poland)

Answering our readers' questions. Sots. zakon. 38 no 12 67-69 D '61.

Examination of criminal cases in appellate courts. A. Ryvlin. Rad. pravo no. 4:56-72 Jl-Ag '61

"Retrial of criminal cases by reason of newly discovered circumstances" by B. S. Tetenin and "Comparative study of the retrial of criminal cases according to Polish law" [in Polish] by S. Sliwinski. Reviewed by IA. O. Motovilovker. Izv. vys. ucheb. zav., prav. 5 no 4:159-162 '61

Russia (1923- U.S.S.R.) Law, statutes, etc. [Theoretical and practical commentaries to the "Basic Principals of the Criminal Procedure Law of the U.S.S.R. and the Union Republics"] Nauchno-prakticheskii kommentarii k osnovam ugolovnogo sudoproizvodstva Soiuza SSR i soiuznykh respublik. Izd. 2., ispr. i dop. Pod red. I. S. Predtechi, V. A. Boldyreva. Moskva, Gos. izd-vo iurid. lit-ry, 360 p.

CRINOIDEA, FOSSIL see subdivision under Kazakhstan

CRINOTHENE see Polyethylene

CROP ROTATION see Rotation of crops

CROPS AND CLIMATE see subdivision under Soviet Central Asia

CRUSADES—BIBLIOGRAPHY see Bibliography—Crusades

CRUSHED STONE see Stone, Crushed

CRUSHING MACHINERY

Alumina-base ceramic materials for making a grinding medium. G. N. Maslennikova, A. F. Buchenkova. Trudy GIEKI no. 4:25-34 '60.

Automatic loading of jaw crushers. I. S. Sverdel', G. V. Vakhonin. Trudy Uralmekhanobra no. 5:3-10 '59.

Device for sorting the balls in a ball mill without the necessity of unloading them. V. I. TSar'kov. Energetik 9 no. 12:15-16 D '61.

CRUSHING MACHINERY—MODELS

Testing the model of a ball mill. IU. A. Mulzemnek, O. A. Gabov, M. V. Egolov. Obog. rud. 6 no. 5:39-42 '61.

CRYSTAL LATTICES

Slow electrons in polar crystals [with summary in English]. A. V. Tulub. Zhur. eksp. i teor. fiz. 41 no. 6: 1826-1838 D '61.

CRYSTAL OPTICS

Linear polarization of light in absorbing crystals of lower syngonies A. M. Goncharenko Dokl. AN BSSR 5 no. 12:545-547 D '61

CRYSTALLINE LENS

Some data on free cells in the cavity of the embryonic crystalline lens I. R. Korkia Soob. AN Gruz SSR 27 no. 5:607-612 N '61

CRYSTALLINE LENS—RADIOGRAPHY

Study of the chemical composition of the crystalline lens eye in radiation cataract L. M. Luzanova, A. A. Chubakov. Med. rad. no. 9 21-25 '61

CRYSTALLIZATION

Crystallization of rubbers at low temperatures under compression. B. M. Gorelik, M. F. Bukhina Kauch. i rez. 20 no. 11:11-15 N '61

Crystallization of supercooled binary alloys. D. S. Kamenetskaia, E. P. Rakhmanova, E. Z. Spektor. Dokl. AN SSSR 142 no. 3 584-586 Ja '62

Effect of high speeds of crystallization on certain properties of L75 and LS74-3 brass G. N. Nysanbaev, A. A. Presniakov Izv. AN Kazakh. SSR Ser. met., obog. i ogneup. no. 3 85-90 '61

Methods of calculating the actual distribution ratio in directional crystallization V. N. Vigdorovich, Iu. P. Adler, V. V. Marychev. Izv. vys. ucheb. zav., tsvet. met. 4 no. 3:108-114 '61.

Two-phase zone in the crystallization of an alloy under nonsteady-state conditions V. T. Borisov Dokl. AN SSSR 142 no. 3 581-583 Ja '62.

CRYSTALLOGRAPHY

Belov, N. V. [Crystal chemistry of silicates with large cations] Kristallokhimiia silikatov s krupnymi kationami. Moskva, Izd-vo Akad. nauk SSSR, 1961. 66 p. (Chtenia im. V. I. Vernadskogo, no. 2.)

Crystal edge forms. Report No. 3: Simple edge forms of trigonal and hexagonal systems. V. I. Mikheev, I. I. Shafranovskii, S. Sh. Gendelev. Zap. LGI 38 no. 2: 122-139 '61.

Distorted octahedral complexes of bivalent platinum, palladium, and nickel. M. A. Porai-Koshits, G. B. Bokii, G. A. Kukina. Zhur. strukt. khim. 2 no. 3:327-329 My-Je '61.

Results of developing a universal geometrical theory of crystal forms. I. I. Shafranovskii. Zap. LGI 38 no. 2: 182-189 '61.

Shafranovskii, I. I. [Mineral crystals; curve-faced, skeleton, and granular forms] Kristally mineralov; krivogrannye, skeletnye i zernistye formy, Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1961. 331 p.

Simple edge forms of the cubic system. S. Sh. Gendelev. Zap. LGI 38 no. 2:150-181 '61.

Steric hindrance and molecule conformation. Report No. 5. Crystalline structure of hexachlorobenzene I. N. Strel'tsova, Iu. T. Struchkov. Zhur. strukt. khim. 2 no. 3:312-326 My-Je '61.

CRYSTALLOGRAPHY—BIBLIOGRAPHY see Bibliography—Crystallography

CRYSTALLOGRAPHY, MATHEMATICAL—CONGRESSES

Research on the theory of growth and phase transitions of crystals. B. IA. Liubov. Vest. AN SSSR 32 no. 1: 134-136 Ja '62.

CRYSTALS

Study of the energy spectrum of electrons in a crystal. Part 1. V. A. Chadyshev. Izv. vys. ucheb. zav., fiz. no. 6:48-51 '61.

NS

CUBA—POLITICS AND GOVERNMENT

Cuba's answer. Nov. vrem. 20 no. 7 1-2 F '62.

The only legal guarantee of our power Fidel Castro. Mezhdunar. zhizn' 9 no. 2 82-86 F '62.

CUBA—RELATIONS (GENERAL) WITH RUSSIA

At the seventeenth meeting of "Nevskaia sreda." A. Kacharav, A. Piriutko. Neva no. 7:221-222 '61

Birth of the new. R. Karmen. Isk. kino no. 7:21-22 Jl '61.

Cuba sit! V. Voiadkin. IUn. tekh. 5 no. 7:62-64 Jl '61.

Cuba today. V. Ivanov, P. Ossovskii. Kul't. i zhizn' 5 no. 8,44 '61

A letter from a Cuban peasant. O. M. Slonim. Ist. arkh. 7 no. 3 276-277 My-Je '61.

CUBA—SCHOOL CHILDREN

Little revolutionaries. A. Fedotov. IUn. nat. no. 1:25 Ja '62

CUCUMBERS

Under a glass sky. B. Aleksandrov. IUn. nat. no. 1:35 Ja '62.

CULTURE

Kassil', L. A. [Conversation about a cultured person; a writer's notebook] Razgovor o kul'turnom cheloveke, zametki pisatelia, Moskva, Gos. izd-vo polit. lit-ry, 1961. 30 p. (Iz serii o kommunisticheskoi morali)

[Mental world of youth] Dukhovnyi mir iunosti. [Moskva, Izd-vo 'Molodaia gvardiia,' 1961] 14 p.

What is culture? Blok. agit. [Gruz.] 18 no. 14:27-29 Jl '61.

CUMBERLAND DISEASE see Anthrax

CUMENE

Liquid phase oxidation of isopropylbenzene at high pressure. R. V. Kucher and others. Zhur. prikl. khim. 35 no. 1:170-176 Ja '62.

CUPOLA FURNACES

Smelting of pig iron in a coke gas cupola furnace. N. P. Gontvenko and others. Prom. energ. 15 no. 8 14-16 Ag '60.

CURARELIKE SUBSTANCES

Use of procuran in anesthesia [with summary in English]. I. N. Ershova. Vest. khir. no. 6:91-94 '61.

CURIUM

Penneman, R. A., and T. K. Keenan. [Radiochemistry of americium and curium. Translated from the English. Preface by G. IAkovlev] Radiokhimiia ameritsiia i kiuriia. Pod red. G. N. IAkovleva. Moskva, Izd-vo inostr. lit-ry, 1961. 96 p.

CURRANTS

Changes of the ovule in double-flowered black currant. R. M. Pivovarova. Sbor. bot. rab. Bel. otd. VBO no. 2, 89-96 '60.

CURRANTS—PRESERVATION

Production of black currant preserves by pouring hot puree into containers. L. A. Drachanova. Khleb. i kond. prom. 5 no. 12:14-17 D '61.

CURVES IN ENGINEERING—TABLES, CALCULATIONS, ETC.

Gan'shin, V. N., and L. S. Khranov. [Tables for plotting circular curves] Tablitsy dlia razbivki krugovykh krivykh. Izd. 2., dop. Moskva, Goslesbumizdat, 1961. 303 p.

CUSHING SYNDROME

Course and outcome of pregnancy and labor in Itsenko-Cushing s[illegible]e M. M. Shashin. Akush. i gin. no. 5:

ee Electric cutouts

, Edakin. Mashinostroitel' no. 1:

691

by Aelbert Cuyp. E. Fekhner. :28-30 '61.

yanide solutions obtained in ore ylamine. O. E. Zvyagintsev, O. I. A. V. Ochkin. Zhur. prikl. khim. '61.

dation of bones by large doses of erative elongation of shortened hildren and adolescents. V. D. va. Vit. res. i lkh isp. no. 5:

B_{12} and porphyrins by propionic ikin, G. V. Mamtrova. Vit. res. i 11.

B_{12} by methane-producing vskii, E. S. Pantskhava. Vit. -39 '61.

Chemical testing of vitamin B_{12} produced by the use of propionic acid bacteria. L. IA. Areshkina, E. P. Skorobogatova. Vit. res. i lkh isp. no. 5, 161-167 '61.

Clinical use of cyanocobalamine in traumatology and orthopedics. D. K. IAzykov. Vit. res. i lkh isp. no. 5: 203-209 '61.

Conditions for the formation of vitamin B_{12} by Bacillus megatherium cultures. V. I. Ushakova. Vit. res. i lkh isp. no. 5 61-72 '61.

Cyanocobalamine and reparative processes in the organism. S. V. Andreev Vit. res. i lkh isp. no. 5. 168-174 '61.

Determination of vitamin B_{12} by the bioautographic method. N. D. Ierusalimskii and others. Vit. res. i lkh isp. no. 5 119-132 '61.

Distribution of labeled vitamin B_{12} in different organs and its excretion from the organism in experimental fractures. B. M. Vtiurin. Vit. res. i lkh isp. no. 5: 256-260 '61

Dynamics of phosphorus metabolism and synthesis of vitamin B_{12}. S. I. Kanopkaite-Rozgene. Vit. res. i lkh isp. no. 5 50-60 '61.

Effect of therapeutic doses of ionizing radiations on the content of vitamins B_6 and B_{12} in the blood serum [with summary in English]. M. M. Nivinskaia, V. P. Alferova, K. P. Rogova. Med. rad. no. 1 40-45 '62.

Estimating the effectiveness of the use of vitamin B_{12} in the food rations of hens and chicks. O. I. Masilova. Vit. res. i lkh isp. no. 5:293-300 '61.

Mechanism of changes in the thromboplastic activity of the blood of white rats under the influence of high doses of vitamins C and B_{12} [with summary in English]. G. V. Andreenko, N. P. Sytina. Biul. eksp. biol. i med. 52 no. 10 31-34 O '61.

Microbiological methods of vitamin B_{12} determination. L. S. Kutseva. Vit. res. i lkh isp. no. 5:133-144 '61.

Our studies on the pharmacodynamics of vitamin B_{12}. Cs. Hadnagy, E. Horvat Klin. med. no. 1:25-29 '62.

Participation of vitamin B_{12} in the protein metabolism of Escherichia coli L. IA. Areshkina and others. Vit. res. i lkh isp. no. 5:19-31 '61.

Permeability of the hematoencephalic barrier to vitamin B_{12}; clinical investigations. L. I. IAvorkovskii. Vit. res. i lkh isp. no. 5:210-219 '61.

Producing vitamin B_{12} by cultivating propionic acid bacteria on sulfite liquor. V. A. Utenkova, A. V. Zelenshchikova, M. IA. Kaliuzhnyi. Vit. res. i lkh isp. no. 5: 73-81 '61.

Producing vitamin B_{12} by processing waste products of the distilling industry with thermophilic methane bacteria. V. N. Bukin and others. Vit. res. i lkh isp. no. 5, 90-111 '61.

Relationship between vitamin B_{12} and antibiotics in animal nutrition. A. R. Valdman. Vit. res. i lkh. isp. no. 5:260-262 '61.

Role of cyanocobalamine in eliminating the central component of the trauma in ruptures of peripheral nerves. T. I. Cherkasova. Vit. res. i lkh isp. no. 5: 189-202 '61.

Role of vitamin B_{12} in increasing the effectiveness of parenteral feeding, with protein hydrolysate in case of surgical traumas. V. V. L'vova, N. A. Fedorov. Vit. res. i lkh isp. no. 5:261-268 '61.

Role of vitamin B_{12} in metabolism. V. N. Bukin. Vit. res. i lkh isp. no. 5:5-18 '61.

Some clinical observations of the effect of vitamin B_{12} on the regeneration of bone tissue in femoral fractures. L. A. Smirnova. Vit. res. i lkh isp. no. 5:250-255 '61.

Study of vitamin B_{12} adsorption and desorption by activated clays. IA. G. Popova. Vit. res. i lkh isp. no. 5: 112-118 '61.

Studying the biological activity of different vitamin B_{12} preparations. M. T. Ushakova and others. Vit. res. i lkh isp. no. 5:157-163 '61.

Technique for biological determination of the activity of vitamin B_{12} by the growth method. N. N. Erofeeva Vit. res. i lkh isp. no. 5:145-156 '61.

Treating funicular myelosis with vitamin B_{12}. M. B. Kidinova and others. Vit. res. i lkh isp. no. 5:229-234 '61.

Use of cyanocobalamine in restoring the functions of the peripheral nerve after a suture. N. N. Priorov, S. V. Andreev, T. I. Cherkasova. Vit. res. i lkh isp. no. 5: 175-188 '61.

Use of vitamin B_{12} in stomatology. V. A. Petrov. Vit. res. i lkh isp. no. 5:235-239 '61.

Vitamin B_{12} and iron concentration in the blood of leukemic patients. O. V. Aksenova, O. P. Lavrova. Vit. res. i lkh isp. no. 5:220-228 '61.

CYANOETHYLATION

Chemistry of allyl chlorides. Report No. 4. Cyanoethylation of 1-alkoxy-3-alkene-5-ols and conversions of alkoxynitriles obtained. S. A. Vartanian, A. O. Tosunian, L. G. Mesropian. Izv. AN Arm. SSR, Khim. nauki 14 no. 5:469-475 '61.

CYBERNETICS

(see also subdivision under Georgia; Kiev)

Automation of mental work. N. G. Bruevich. Tekh. mol. 29 no. 12:22-27 '61.

CYBERNETICS (Continued)

"Bionics." R. Varfamov. IUn. tekh. 5 no. 7:17-21 Jl '61

Current problems in the physiology of activity. N. A. Bernshtein Probl. fil. no 6,101-160 '61

It is possible to derive an equation of health S A Stebakov Tekh mol 29 no 12 22-25 '61

Medical cybernetics for Soviet public health [with summary in English]. L I Polikov. Sov zdrav 20 no. 8:27-31 '61.

Shtabura, E. A., I. IA. Zavilianskii, and S. D. Ravikovich. [Cybernetics and the brain] Kibernetika i mozg. Kiev, 1961. 52 p (Obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii Ukrainskoi SSR, Ser 6, no. 23)

Synthesis of discrete stochastic units. R. I. Skhirtladze, V. V. Chavchanidze. Soob AN Gruz SSR 27 no 5: 529-536 N '61

CYCLIC COMPOUNDS

Stereochemistry of cyclic compounds Report No. 47. Some laws governing the oxidation of cis-syn-7-methoxy-1,2,3,9,10,10a-hexahydrophenanthrene-1,2-dicarboxylic acid and its dimethyl ester with peracetic acid V M Andreev, L K Lysanchuk, V. F Kucherov Izv. AN SSSR. Otd. khim nauk no 1:90-96 Ja '62.

Stereochemistry of cyclic compounds. Report No. 48: Oxidation of anhydride of cis-syn-7-methoxy-1,2,3,9,10,10a-hexahydrophenanthrene-1,2-dicarboxylic acid with peracetic acid, and chemical transformations of products obtained. V F Kucherov, L K Lysanchuk, V. M Andreev Izv AN SSSR Otd. khim. nauk no 1 96-106 Ja '62.

Stereochemistry of cyclic compounds. Report No. 49: Oxidation of cis-syn-Δ^7-hydrindene-4,5-dicarboxylic acid and the synthesis of isomeric trans-hydrindane-4,5-dicarboxylic acids. V F Kucherov, E. P. Serebriakov, A V Usova. Izv AN SSSR. Otd. khim. nauk no. 1: 105-112 Ja '62.

CYCLODODECANE

Production of nitrocyclododecane and some of its conversions. L. I Zakharkin, G. G. Zhiguleva. Izv. AN SSSR Otd. khim. nauk no. 1:183-184 Ja '62.

CYCLOHEXANE

Production of pure cyclohexane by the catalytic hydrogenation of benzene containing thiophene. I. I. Levitskii, E. A. Udal'tsova, M. G. Gonikberg. Zhur. prikl. khim 35 no. 1 204-206 Ja '62

Reaction kinetics of the alkali method of preparing hexachloran. F. F. Krivonos Zhur. prikl. khim. 34 no. 11: 2490-2500 N '61

CYCLOHEXANONE

Continuous oximation of cyclohexanone. I. B. Kotlar and others. Khim. prom. no. 1:10-19 Ja '62.

CYCLONES

(see also subdivision under Arctic regions; Soviet Central Asia)

The technique of computing diurnal pressure variations in cyclones and anticyclones. S. M. Kozik. Trudy Sred. Az. nauch.-issl. gidrometeor. inst. no. 4:129-137 '61.

CYCLOPENTANONE

Determination of cyclopentanone and cyanoimine in adiponitrile A. S. Maslennikov. Zhur. prikl khim 34 no. no. 12:2800-2802 D '61.

CYCLOPROPANE

Synthesis of 1,3-dicyclopropyl-2-butene-1-one. A. P. Meshcheriakov, V. G. Glukhovtsev. Izv. AN SSSR Otd. khim. nauk no 1:176-178 Ja '62.

CYCLOSERINE

Mechanism of the action of cycloserine stereoisomers on the microbial cell [with summary in English]. E. D Vyshepan, K. I. Ivanova, R. K. Ledneva. Biul. eksp. biol i med. 52 no. 10 58-60 O '61.

Reducing the toxicity of tubazid through simultaneous use with cycloserine [with summary in English]. N. I. Smol'nikova. Biul. eksp. biol. i med. 52 no. 8:70-72 Ag '61.

CYCLOSERINE—THERAPEUTIC USE

Cure of a giant cavity with cycloserine. V. V. Utkin. Terap. arkh. 33 no. 10:106-107 '61.

CYCLOTRON

Experiments on the acceleration and yield of ions in a cyclotron with azimuthal variation of the magnetic field and controllable energy. A. A. Arzumanov and others. Atom. energ. 12 no. 1:12-21 Ja '62.

CYLINDERS—TESTING

Using Sachs' method of determining internal stresses in pressed joints. M. M. Kobrin, L. I. Dekhtiar'. Zav. lab. 27 no. 12:1523-1527 '61.

CYSTS

Infected multiple congenital cysts of the mesentery of the small intestine. M. N. Kovalishin. Vest. khir. no. 5: 141-142 '61.

CYTODIAGNOSIS see Diagnosis, Cytologic

CYTOLOGY

"Principles of general cytology" [in Czech] by D. Soudek, O Necas Reviewed by I Zbarskii. Arkh anat gist i embr 41 no. 9 127 S '61.

CYTOTOXIC DRUGS

Antiblastic (antileukemic) action of thiodipin in an experiment V A Chernov, A A Grushina Probl gemat i perel krovi no 2 3-8 '62

Antineoplastic activity of alkoxy derivatives of p'-bis (β-chloroethyl)-aminomethyl-azobenzene. A. I. Kravchenko, S. P. Khramchenkova. Vop. onk. 7 no. 12:19-26 '61.

Antineoplastic activity of aristolochic acid. I. N. Filitis, P. S. Mamageov. Vop onk. 7 no 6:97-98 '61.

Antitumor action of some derivatives of sarcolysine and closely related compounds. N. A. Vodolazskaia. Vop. onk. 7 no. 5 77-84 '61.

Appearance of drug resistance to alkylating agents in Jensen's sarcoma and its clones [with summary in English]. G. L. Zhdanov, L. F Sharlikova. Vop. onk. 7 no. 12 26-31 '61

Contact method of selection of antineoplastic preparations (on cells of ascites tumors) E. M. Vermel', S. A. Syrkina-Krugliak Vop. onk 7 no. 8, 73-82 '61.

Role of inflammation in the mechanism of carcinogenic, cocarcinogenic and some anticarcinogenic effects. L. S. Salmanov. Vop. onk. 7 no. 5, 63-71 '61.

CZECHOSLOVAKIA—AERONAUTICS, COMMERCIAL

A letter from Prague. M. Zaicek. Grazhd. av. 18 no. 12 29-30 D '61

CZECHOSLOVAKIA—BIBLIOGRAPHY

[New literature on European people's democracies and Slavic studies: Czechoslovakia.] Nov. lit. po evrop. stran. nar. dem. i slav.: Chekh. no. 11 '61.

CZECHOSLOVAKIA—BOTANY—BIBLIOGRAPHY

"Bibliography of the flora of Czechoslovakia" [in Slovak] by Jan Futak and Karol Domin. Reviewed by S M Stoiko. Bot. zhur. 46 no. 8:1217-1218 Ag '61.

CZECHOSLOVAKIA—CHEMICAL ENGINEERING—EQUIPMENT AND SUPPLIES

Eighth conference on processes and apparatus, chemical machinery construction and automation in Czechoslovakia V. M. Olevskii. Khim. prom. no. 12:871 D '61.

CZECHOSLOVAKIA—CHEMICAL INDUSTRIES

Chemical industry of the Czechoslovak Socialist Republic. IU. L. Pivovarov Khim. prom. no. 1:70-75 Ja '62.

CZECHOSLOVAKIA—CHILDREN'S LITERATURE—PERIODICALS

The periodical "Zlatý máj." I. Shmel'kova. Vop. lit. 5 no 7:143-145 Jl '61.

CZECHOSLOVAKIA—CRIMINAL JUSTICE, ADMINISTRATION OF

New forms of the protection of socialist public order in the Czechoslovak Socialist Republic. V. Kolesnikov. Sots. zakon. 30 no. 1, 60-61 Ja '62.

CZECHOSLOVAKIA—DIESEL ENGINES

Midget engine. Tekh. mol. 29 no. 12:36 '61.

CZECHOSLOVAKIA—FIRE EXTINCTION—CHEMICAL SYSTEMS

Stationary carbon dioxide extinguisher unit. Pozh. delo 8 no. 1:32 Ja '62.

CZECHOSLOVAKIA—FURNITURE

Furniture designing in Czechoslovakia. J. Raiser. Der. prom. 11 no. 2:29-30 F '62.

CZECHOSLOVAKIA—HISTORY

From bourgeois republic to country of victorious socialism. Cestmir Cisar. Mezhdunar. zhizn' 0 no. 2:12-22 F '62.

A letter to the editor. Vop. ist. KPSS 6 no. 1:237-238 '62.

CZECHOSLOVAKIA—LANGUAGES—STUDY AND TEACHING

Organization of foreign language study in Czechoslovakia. Alenka Hakenova. Inostr. iaz. v shkole no. 1:26-30 Ja-F '62.

CZECHOSLOVAKIA—MOTION-PICTURE CARTOONS

"Midsummer night's dream." Zhen. mira no. 5:28-29 '61.

CZECHOSLOVAKIA—MOTION PICTURES

Multiscreen motion pictures and "Laterna magica." František Pilat. Tekh. kino i telev. 6 no. 1:32-37 Ja '62.

CZECHOSLOVAKIA—OPERA

E. Suchon's "Sivatopluk." I. Martynov. Sov. muz. 25 no. 12:117-120 D '61.

CZECHOSLOVAKIA—RAILROADS

Reorganization of traction on the railroads of Czechoslovakia. V. A. Nikanorov, V. A. Rakov. Elek. i tepl. tiaga 6 no. 1:45-48 Ja '62.

CZECHOSLOVAKIA—RELATIONS (GENERAL) WITH RUSSIA

We are grateful to the envoys of Lenin I. Vysokostrovskii, O Knoring Ogonek 40 no 4 4-5 Ja '62

CZECHOSLOVAKIA—SOCIALIST COMPETITION

Movement of socialist labor brigades in the Czechoslovak Socialist Republic. R. Volodarskaia. Biul. nauch. inform. trud i zar. plata 4 no. 9:64-67 '61.

CZECHOSLOVAKIA—THEATER

Multiscreen motion pictures and "Laterna magica." František Pilat. Tekh. kino i telev. 6 no. 1:32-37 Ja '62.

DAGHESTAN—COAL

Use of Daghestan coal as a chemical reagent in the preparation of clay muds [in Azerbaijani with summary in Russian]. A. S. Suleimanov. Azerb. neft khoz 40 no. 9:10-21 S '61.

DAGHESTAN—GASTROPODA

A new terrestrial mollusk (Gastropoda, Clausiliidae) from Gornaya Tushetiya. I. M. Likharev, G. I. Lezhava Soob. AN Gruz SSR 27 no. 4:473-477 O '61.

DAGHESTAN—RUG AND CARPET INDUSTR

Dyes for rugs. IA. Iankov. Mest. prom. i khud. promys. 2 no 7 36 Jl '61

DAGHESTAN—SURGERY

Development of surgery in Daghestan; the 40th anniversary of the establishment of Soviet rule in Daghestan M O. Makhachev. Sov. med. 25 no 6:140-143 Je '61.

DAGHESTAN—THEATER

In the name of Batyral. R. Magomedov. Teatr 23 no. 1:103 Ja '62.

DAHOMEY—DESCRIPTION AND TRAVEL

Dahomey. A. Tarelin. Nov. vrem. 20 no. 6:25-26 F '62.

DAIRY CATTLE see subdivision under Azerbaijan; Komi A. S. S. R.

DAL'VERZIN—EXCAVATIONS (ARCHAEOLOGY)

The ancient site of Dal'verzin; archaeological excavations of 1960. IU. A. Zadneprovskii. Krat. soob. Inst. arkheol no. 86:43-54 '61.

DAMS

(see also subdivision under Chusovaya River, Kremenchug Hydroelectric Power Station, Shyachikha Hydroelectric Power Station)

Nauchno-tekhnicheskoe soveshchanie po arochnym plotinam. Moscow, 1959. [Materials of the Scientific Technological Conference on Arch Dams] Trudy. Pod obshchei red. A. A. Borovogo Moskva, Gos. energ. izd-vo, 1961 182 p.

DANCE BAND see Dance orchestra

DANCE ORCHESTRA

Musical review. V. Il'in. Sov. muz. 25 no 12:100-109 D '61.

DANUBE VALLEY

The Byzantine State and the left bank of the Danube in the sixth century. E. Franches. Viz. vrem. 20:14-22 '61.

DARVAZA RANGE—GEOLOGY, STRATIGRAPHIC

Campanian and Maastrichtian deposits in the southwestern part of the Darvaza Range. M. R. Dzhalilov. Dokl. AN Tadzh. SSR 4 no. 4:35-38 '61.

DARVAZA RANGE—PALEONTOLOGY, STRATIGRAPHIC

Caprinula solitaria local zone in the upper Senoman of the southwestern Darvaza Range. N. N. Bobkova. Inform. sbor. VSEGEI no. 42:121-125 '61.

DARVAZA RANGE—SEA LILIES

Stalks of sea lilies from the Carboniferous deposits of Tien Shan and Darvaza. R. S. Elitysheva, T. V. Shevchenko. Izv. Otd. geol.-khim. i tekh. nauk AN Tadzh. SSR 1:119-125 '60.

DARWIN, CHARLES ROBERT, 1809-1882

Charles Darwin on the qualities of mind of the scientist [with summary in English]. N. F. Lysenko Vop. psikhol. 7 no. 5:154-158 S-O '61.

DARWINISM see Evolution

DATURA

Variation of alkaloid content in datura. L. I. Gerasimenko. Bot. zhur. 46 no. 8:1202-1205 Ag '61.

DAY NURSERIES

Nogina, O. P. [Organization and work of day nurseries] Organizatsiia i rabota iaslei; rukovodstvo dlia zaveduiushchikh iasliami i meditsinskogo personala iaslei i iaslei-sadov. Moskva, Medgiz, 1961. 166 p. (Biblioteka prakticheskogo vracha)

Rational utilization of the crèche. L. I. Maksimova, E. F. Kurnosova. Vop. okh. mat. i det. 6 no. 8:66-69 Ag '61.

DE CRAEYER, GASPAR, 1584-1669
New attribution of a painting by Gaspar de Craeyer. I. Linnik. Sooh. Gos. Ermt. no 20 26-28 '61

DEAF
Frequency of paradontosis in deaf-mutes. K. I. Zolotukhin Stomatologiia 39 no 6:30 N-D '60.

DEAF—EDUCATION see subdivision under Ukraine

DEAFNESS
Hearing disorders following basilar meningitis in children ["Ceskoslov otolar.," No. 2, 1960] Zhur ush., nos. i gorl. bol 21 no. 4:87 Jl-Ag '61

DEATH
Effectiveness of compound treatment of agonal states in severe shock and hemorrhage [with summary in English] G. Sh. Vasadze Vest khir no 5,18-24 '61
Important source for the evaluation of the quality of medical attendance for the population Z. E. Shtraus Zdrav. Ros Feder. 5 no 12:30-33 D '61.

DEATH, APPARENT
Some data on the restoration of the neuroreflex regulation of the cardiovascular system in revivification after clinical death. [with summary in English] D G. Maksimov. Biul eksp biol. i med. 52 no 10 34-38 O '61.

DEBTOR AND CREDITOR
The right of creditors to bring an action against their solidary debtors. I.D Fondaminskii. Uch. trudy Kazakh.gos.un Ser. mr no 5 183-195 '59.

DECAPODA see subdivision under Aral Sea

DECEIT see Fraud

DECEMBRISTS
Great deed of Bestuzhev Irakliĭ Andronikov. Ogonek 40 no. 3:26-27 Ja '62

DECEMBRISTS—BIBLIOGRAPHY see Bibliography—Decembrists

DECORATION AND ORNAMENT
New developments in the technology of manufacturing trimmings S. T. Sarkisov, R. S. Mirskaia. Kozh.-obuv. prom 3 no 12:26-30 D '61

DEEP-SEA DEPOSITS
Organic matter in the liquid phase of marine and ocean sediments. N. D Starikova Trudy Inst okean. 50: 130-169 '61.

DEER, FOSSIL see subdivision under Lokbatan region

DEFECTIVE SPEECH see Speech, Disorders of

DEFENSE (CRIMINAL PROCEDURE)
Indictment and the accused's right to have a defense counsel. A. L. TSypkin. Izv. vys. ucheb. zav. ,prav. 5 no. 4:92-104 '61.
Wrong implementation of laws. V. IAkovlev, N. Molchanov, V. Dikanov. Sots. zakon. 39 no. 1:55 Ja '62

EFENSE (MILITARY SCIENCE) see Attack and defense (Military science)

DEFENSES, NATIONAL
(see also subdivision 'Defenses' under New Guinea, Dutch; Russia, United States)
Strengthen the defense of our country. Kryl. rod. 13 no. 2:1 F '62.

DEFORMATIONS (MECHANICS)
Behavior of ice under load. V. V. Lavrov. Zhur. tekh fiz. 32 no. 1 101-105 Ja '62
Calculating the deformation of frames in the case of linearly varying longitudinal stresses. A. A. Derkachev. Izv. Otd. geol. -khim. i tekh. nauk AN Tadzh. SSR no 1: 19-22 '60.
Effect of creep deformations exerted by the dimensions of the cross section of a concrete prismatic specimen and by the form of the stress diagram. L. I. Temnov. Izv. AN Arm. SSR Ser. fiz. -mat. nauk 14 no. 6 77-91 '61.
Effect of high temperature plastic deformation on the mechanical properties of nickel-base, heat-resistant alloys. S. T. Kishkin and others. Metalloved. i term. obr. met no. 1:38-40 Ja '62.
Effect of the deformation of undercooled austenite on the properties of hardened steels. L. I. Kogan, R. I. Entin. Metalloved i term. obr. met. no. 1:3-9 Ja '62.
Effect of the rate and degree of deformation on the magnitude of the resistance to plastic deformation caused by rolling. A. I. Merenkov Izv vys. ucheb. zav. , mashinostr. no. 8:135-146 '61.
Effect of thermomechanical treatment on the cutting stability and toughness of rapid steels M. M. Shteinberg, L. B. Sabun, T. S. Shabashova. Metalloved. i term. obr. met. no. 1:29-37 Ja '62.
Equivalence of the temperature effect and deformation rate on the tensile strength of copper T. F. Elsukova, V. E. Panin. Izv. vys. ucheb. zav. , fiz. no. 6 81-86 '61.
Investigating methods of strengthening copper-base spring alloys. A. G. Rakhshtadt and others. Metalloved. i term. obr. met. no. 1:45-56 Ja '62.
Investigating the mechanical properties of aluminum alloys under the effect of compression. G. F. Ivanov, V.S Streliaev. Trudy MATI no. 51 90-99 '61.
Noncontact deformation caused by the rolling of pipes and its effect on strain resistance. M. I. Chepurko Biul. nauch. -tekh. inform VNIITI no. 4/5 38-51 '58.
Strengthening 30KhNMA and 30KhGSNA steels. S. I Sakhin, O. G. Sokolov. Metalloved i term obr met no 1: 14-19 Ja '62
Structural and rheological properties of disperse and highmolecular systems. M. P. Volarovich, I. I. Lishtvan, V. M. Naumovich. Inzh. -fiz zhur 5 no 2:123-132 F '62.
Thermomechanical treatment of ball bearing steel. M. I. Bernshtein, E. I. Demina, L. E Safonova. Metalloved i term obr met. no 1:23-28 Ja '62.
Thermomechanical treatment of heat-resistant alloys. D. IA. Kagan. Metalloved. i term. obr met. no. 1:40-42 Ja '62
Thermomechanical treatment of titanium alloys A. S. Shgarev Metalloved. i term obr met no 1:42-44 Ja '62
Variational method of investigating the widening of plastic toughness metal during the hot rolling process. I IA. Tarnovskii, A.A Pozdeev, IU S Zykov Izv. vys ucheb. zav., chern. met 4 no. 12:61-70 '61

DEFORMITIES, CURE OF see Orthopedia

DEHYDRATION (CHEMISTRY)
Stepped dehydration of 1,5-pentanediol over a tricalcium phosphate catalyst L. Kh Freidlin, V Z. Sharf. Zhur. prikl khim. 35 no 1 212-214 Ja '62.

DEHYDROGENASE
Comparative study of dehydrogenase activity in Breslau bacteria isolated from patients [with summary in English]. F. G. Diatlov Antibiotiki 6 no. 6:521-526 Je '61.

DEHYDROGENATION
Catalytic dehydrogenation of dihydrofurans. N. I. Shuikin, I. F. Bel'skii, R A Karakhanov Izv. AN SSSR, Otd. khim. nauk no 1:138-142 Ja '62.
Catalytic dehydrogenation of propane and ethane. V. V. Kel'tsev, N. I. Vinnikova. Trudy VNIIGAZ no 12:187-194 '61.
Dehydrogenation of alcohols on a copper-calcium catalyst. I B Rapoport, V.M. Gol'dberg, L. B. Itaikson Zhur. prikl khim 34 no. 11 2541-2550 N '61.
Study of tars obtained in the industrial dehydrogenation of butane into butylene. D.A. Aliev. Azerb. neft. khoz. 10 no 11 37-39 N '61

DEKABRISTS see Decembrists

DEKKER, EDUARD DOUWES, 1820-1887
Multatuli who fought against colonialism. I. Volevich Vop. lit 5 no 7 218-223 Jl '61

DELAY LINES
Analysis of the performance and calculation of a magnetic time delay element with a short-circuited loop [with summary in English]. V. S. Matorina, O. A. Sedykh Avtom. i telem. 23 no. 1,64-76 Ja '62.

DELHI BOIL
Reduction of the virulence of strains of Leishmania tropica var. major as a result of prolonged cultivation on artificial media [with summary in English]. M. P Vavilova Med zhur Uzb. no. 8 59-62 Ag '61.

DELIVERY OF GOODS—STATISTICS see subdivision under Ural Mountain region

DELIVERY OF GOODS (LAW)
Decisions of the State Arbitration Agency attached to the Council of Ministers of the U.S.S.R Sots. zakon. 38 no. 12:79-80 D '61.

DELUSIONS see Hallucinations and illusions

DEMENTIA PRAECOX see Schizophrenia

DEMOGRAPHY—CONGRESSES
Riga conference on the geography of population. E. V. Knobel'sdorf. Izv. Vses. geog. ob-va 93 no. 6:549-551 N-D '61.

DEMUTSKII, DANIIL PORFIR'EVICH
Cameraman and poet. L. Kokhno. Isk. kino. no. 12: 52-56 D '61.

DENITRATION
Factory testing of a unit for the denitration of sulfuric acid. V. G. Ponomarenko. Koks i khim. no. 11:54-57 '61.

DENMARK—SHIPBUILDING
Danish-built ships [from foreign journals]. Sudostroenie 27 no. 11:72-73 N '61.

DENSITY see Specific gravity

DENSITY, ELECTRIC see Electric charge and distribution

DENTAL INSTRUMENTS AND APPARATUS
Method for preparing individual impression spoons. N. L. Eĭtsian Stomatologiia 39 no. 6:70 N-D '60.
Vibrator for massage of the gums. A. S. Zaslavskii. Stomatologiia 39 no 6 61 N-D '60

DENTAL MATERIALS
Method of studying the properties of phosphate cement for fixation of nonremovable dental prostheses. T. F. Strelinkhina. Trudy LSGMI 63:169-172 '60.

DENTAL PROSTHESIS
Buzygin, A. T. [Problems in preventing deformations of the maxillodental system and in the orthopedic treatment of amphodontosis (paradontosis)] Voprosy profilaktiki deformatsii zubochelustnoĭ sistemy i ortopedicheskogo lechenia amfodontoza (paradontoza). Tashkent, Gos. med. izd-vo M-va zdravookhraneniia UzSSR, 1961. 45 p.
(DNLM)
Characteristics of mastication in relation to the method of fixing partial removable dentures. V. I. Shilov Trudy LSGMI 63:100-108 '60
Cytological study of the oral mucous membrane in subjects using nonremovable dental bridges. A. V. Vysotskaia Trudy LSGMI 63:160-164 '60
Effectiveness of mastication in subjects using dental prostheses. G. B. Shilova. Trudy LSGMI 63:109-120 '60
Influence of the height of occlusion on the intensity of mastication and the degree of food grinding by dentures. L. M. Perzashkevich. Trudy LSGMI 63 81-90 '60.
Masticatiographic data on the influence of the height of occlusion on mastication by dental prostheses. L.M. Perzashkevich. Trudy LSGMI 63:91-99 '60.
Orthodontic method of creating a natural fixed bite by Rubinov's method. E.E. Slobodnik. Trudy LSGMI 63:120-132 '60.
Orthopedic treatment in increased erosion of the natural teeth. E.V. Pevzner. Trudy LSGMI 63 165-168 '60.
Some components of the saliva in patients with dental prostheses of various metals. I.S. Rubezhova. Trudy LSGMI 63 173-175 '60.
Use of a quick setting plastic in applying prosthesis to an edentulous maxilla with a defect in the hard palate originating from a gunshot wound. I.M. Fleishmakher. Stomatologiia 39 no. 6:58-59 N-D '60.
Use of new accelerated methods for applying plastic dental splints V. A. Il'in. Stomatologiia 39 no. 6:56-58 N-D '60.

DENTISTRY—CONGRESSES
Sixth Irkutsk Province Conference of Stomatologists and Dental Physicians. M.M. TSarinskii. Stomatologiia 39 no. 6:72-74 N-D '60.

DENTITION
Effect of caries and the early loss of milk teeth on the time of dentition of permanent teeth. G. D. Frumkina. Stomatologiia 39 no. 6:14-16 N-D '60.
Influence of removing the milk molars in children on the development, eruption, and setting of the premolars in the dental arch. O E. Frumkina. Trudy LSGMI 63.121-127 '60.

DERMATITIS see Skin—Diseases

DERMATOLOGY
Use of antibiotics in dermatology [with summary in English] A A Kalamkarian. Sov. med. 25 no. 7,70-78 Jl '61.

DERMATOLOGY—BIBLIOGRAPHY see Bibliography—Dermatology

DERMATOLOGY—CONGRESSES
Twenty-fifth Joint Conference on the German Dermatological Society and the German Society for the study of Allergy (Hamburg, May 18-22, 1960). M.V. Veksel'. Vest. derm. i ven. 35 no. 12:70-73 D '61.

DERMATOLOGY—PERIODICALS
Results of the readers' conference organized by the Gorkly Dermatovenereological Society on April 13, 1961 for discussing the materials published in the journal, "Vestnik dermatologii in venerologii" in 1960. M.N. Batunin, B.I. Il'in. Vest. derm. i ven. 35 no. 12:77-81 D '61.

DERMATOMYCOSES
(see also subdivision under Ternopol' Province)
Treatment of dermatomycoses using epilin. V. A. Vedernikov, G. A. Zviagina. Sov. med. 25 no. 10:135-136 O '61.
Treatment of onychomycoses with keratolytic and fungicidal plasters. A. F. Baranov and others. Vest. derm. i ven. no. 1:65-67 '62.

DERMATOSCLEROSIS see Scleroderma

DERMATOVENEREOLOGICAL SOCIETIES
Sixth Leningrad City Conference of Dermatovenereologists. G.IA. Travin. Vest. derm. i ven. 35 no. 12: 81-83 D '61.

DESIGN, INDUSTRIAL

Beauty and labor. IA Shagalin NTO i no 1 30-32 Ja '62

DESNA VALLEY—HYDROLOGY

Water balance of a small field watershed. I S. Shpak. Trudy UkrNIGMI no. 30 41-52 '61

DESNA VALLEY—SOIL PHYSICS

Some properties of large-particle dusty soils determining their instability with regard to erosion A S Skorodumov, K S Matchanov Trudy UkrNIGMI no 30 67-71 '61

DESOXYRIBONUCLEIC ACID

Decrease of the degree of radiation injury of desoxyribonucleic acid molecules in the presence of propyl gallate N V. Nikolaeva and others Dokl AN SSSR 142 no 3 713-715 Ja '62.

DETERMINANTS

Determinants; historical reference. R.I.Galchenkova. Uch.zap.MOPI 98 47-66 '60

DETERMINATIVE MINERALOGY see Mineralogy, Determinative

DEUTERIUM

Photoproduction of π^0-mesons on deuterium at energies between 170 and 210 Mev [with summary in English]. A. S. Belousov and others Zhur eksp i teor. fiz. 41 no. 6:1703-1803 D '61

DEUTERIUM OXIDE

Struggle for heavy water. V. Gilensen. Voen.-ist. zhur. 3 no. 9:52-61 S '61

DEUTERONS

Barashenkov, V. S., and V. M. Mal'tsev. [Generation of deuterons in the interaction of fast nucleons with nuclei Obrazovanie deitonov pri vzaimodeistvii bystrykh nuklonov s iadrami Dubna, Ob"edinennyi in-t iadernykh issl., 1961. 8 p. [With summary in English]

Dispersion representation of the deuteron form factor [with summary in English] V. V. Anisovich. Zhur eksp. i teor fiz 41 no 6:1907-1914 D '61.

DEUTERONS—DECAY

Deuteron photodisintegration at medium energies [with summary in English]. L. N. Shtarkov Zhur. eksp i teor fiz 41 no. 6:2011-2014 D '61

DEVELOPMENT see Embryology

DEXTRAN

Use of polyglucin in the treatment of edema [with summary in English] A. A. Bagdasarov and others. Klin med. no. 1:91-94 '62.

DIABETES

(see also subdivision under Yessentuki)

Effect of concomitant diseases on the course of diabetic acidosis in children [with summary in English] N. P. Valedniskaia Pediatriia 40 no 12:33-36 D '61

Electrocardiographic changes in young diabetes mellitus patients [with summary in English] E. G. Moskovich, G. S. Zefirova. Sov med. 25 no 7 51-56 Jl '61

Errors in surgical interventions on diabetics and measures for their prevention. V. D. Sokolovskii. Vest. khir. no. 5:115-121 '61.

Functional state of the kidneys in patients with diabetes mellitus treated with artosin. S. M. Guaman, M. A. Alekperov. Terap. arkh no 6:68-72 '61

Primary and secondary negative reactions to antidiabetic sulfonilamides S G Genes Vrach delo no. 6 51-57 Je '61.

Rate of the pulse wave spread in children with diabetes mellitus [with summary in English]. L. N Rybina Vop. okh. mat. i det. 6 no. 5:20-25 Ag '61.

Sulfanilamide preparations in the treatment of diabetes mellitus E. A. Benikova Vrach delo no 6.61-68 Je '61.

Use of sulfanilamide hypoglycemic preparations in compound spa treatment of diabetes mellitus. D I Vizit Vrach. delo no. 6 58-60 Je '61.

DIACETANILIDE

Synthesis of phenyldiacetic acids and their diamides. Kh. E. Khchelan, A. E. Ioffe, A. F. Pavlichev. Zhur. prikl. khim. 35 no. 1 206-209 Ja '62.

DIAGNOSIS

Diagnostic significance of glucide curves [with summary in English]. A. E. Greiser. Sov. med. 25 no 9:62-66 S '61.

Modern requirements for a qualitative analysis of medical diagnosis and the procedure of clinical pathoanatomic conferences. M. K. Dal'. Vrach delo no 6 99-104 Je '61.

DIAGNOSIS, CYTOLOGIC

Diagnosis of cancer of the stomach using the cytological method of study. I. A. Shevchenko. Terap. arkh. 33 no 8: 45-49 '61.

DIAGNOSIS, DIFFERENTIAL

Clinical aspects and differential diagnosis of smallpox; based on data from an outbreak of transmitted smallpox in Moscow in January, 1960 [with summary in English] A. V. Eremian. Sov. med. 25 no. 6:40-51 Je '61.

Differential diagnosis of nonspecific and specific pneumonia in children. A. A. IAnchevskaia. Pediatriia no. 1:40-47 '62.

Differential diagnosis of pleuropneumosclerosis of tuberculous and other etiology. D. D. Aseev and others. Probl. tub. no. 5:11-20 '61

Differential diagnosis of subarachnoidal hemorrhage and otogenic intracranial complications. E F Bogatskii. Zhur. ush., nos. i gorl. bol 21 no. 5 75-77 S-O '61.

Importance of studying blood protein fractions in the differential diagnosis of stenocardia and myocardial infarct [with summary in English]. B. A. Oniktenko Kardiologiia 1 no 6 42-46 N-D '61

Possibilities of tomographic examination in the differential diagnosis of pneumoconiosis and conio-tuberculosis [with summary in English]. T. G. Osetinskii, A. G Shumakov, O. B. Brodskii Vest rent i rad 36 no 5 30-33 S-O '61

Significance of determining glutamic-oxalacetic transaminase in the diagnosis and differential diagnosis of acute myocardial infarction [with summary in English] IA IU. Bagrov. Sov. med. 25 no. 10:3-11 O '61

DIAGNOSIS, FLUOROSCOPIC

(see also subdivision under Sverdlovsk Province)

Comparative evaluation of narrow- and wide-frame fluorography in the mass detection of pulmonary tuberculosis [with summary in English] IA. Z. Beilin Sov zdrav. 20 no. 8:31-34 '61.

Method for direct enlargement of fluorograms in the X-ray diagnosis of pneumoconioses IA I. Lipskii, M G Strebkov. Vest rent i rad. 36 no. 5 61-62 S-O '61

Significance of large-frame fluorography in the diagnosis of various forms of pulmonary tuberculosis [with summary in English] G. B. Maksudov. Vest rent i rad 36 no 5 51-56 S-O '61.

DIAGNOSIS, RADIOSCOPIC

Clinical X-ray observations on the course of pneumoconiosis in workers removed from a dusty environment [with summary in English] A. V. Grinberg, T. V. Orlova Vest rent i rad 36 no. 5:16-21 S-O '61.

Macrorentgenography (enlarged photographs) in the diagnosis of anthracosilicosis M V. Kravets. Vest. rent. i rad 36 no. 5 62 S-O '61.

Role of cerebral angiography in the diagnosis of otogenic abscesses of the temporal lobe ["Otolaryngologia Polska," No. 2, 1960]. Zhur. ush., nos. i gorl bol 21 no. 4:93 Jl-Ag '61.

Some problems in the X-ray study of occupational changes in the bones and joints [with summary in English] A A. Lemberg Vest. rent. i rad. 36 no 5:9-16 S-O '61

X-ray diagnosis of calcifications of the coronary arteries. I A. Shekhter, N. A Rabukhina, B. A Kronrod Klin. med no. 1:58-62 '62.

X-ray diagnosis of extragastric neoplasms. Sh. M. Mirganiev Med. zhur. Uzb. no. 6:53-56 Je '61.

X-ray method of investigation in the detection and study of occupational diseases in the U S. S R [with summary in English] K. P. Molokanov. Vest rent. i rad 36 no 5 4-9 S-O '61.

DIALECTICAL MATERIALISM

Category of condition and its correlation with the category of causation. G. Kreber Nauch dokl. vys shkoly; filos. nauki 4 no. 3:106-110 '61.

[Contradictory character of development] Protivorechivyi kharakter razvitiia; sbornik statei. Minsk, Gos. izd-vo BSSR Red. sotsial'no-ekon. lit-ry, 1961 198 p

"Dialectical materialism." Reviewed by P V. Kopnin, T K. Martynenko, A N. Petrusenko Vop. filos 15 no. 1 161-166 '62.

[History of Marxist-Leninist philosophy in the World War] Iz istorii marksistsko-poisle vtoroi mirovoi voiny. Moskva, "Vysshaia shkola," 1961. 202 p.

Kramarenko, N. A. [Dialectics' scientific philosophy] Dialektika nauchnaia filosfiia. Moskva, (Narodnyi universitet kul'turnyi tichieskii fakul'tet, no. 15)

"Marxist-Leninist philosophy" Reviewed by V. I. Voitko, I. IA no 1 169-170 '62.

New program documents of the movement and their significance problems of historical materialism shkoly; filos. nauki 4 no. 3:3-

Practices of the Department of University. L. A. Petrov. Nr filos. nauki 4 no. 3:193-195

Some problems in the development after the 22d Congress of the English, p. 182]. A. F. Okulov 25-36 '62.

DIALECTICAL MATERIALISM—

Scientific conference at Kiev Ui Nauch. dokl. vys. shkoly; filos. '61.

DIAMAGNETISM

Diamagnetic susceptibility of at Dokl. AN BSSR 5 no. 11:492-4

DIAPHRAGM—DISEASES

Diaphragmatic tic. M S Shneider, E. Z. Neimark Terap arkh. 33 no. 8 105-107 '61

DIAPHRAGM—HERNIA

Diagnostic errors and treatment of strangulated diaphragmatic hernias. A. I. Kornaev. Vest. khir. no. 5: 111-114 '61.

DIAPHRAGM—SURGERY

Alloplasty of the diaphragm and a defect in the chest cavity. V. I. Karpukhin Vest. khir. no. 6:108-109 '61.

DIATHERMY

Combined treatment using mud, medical gymnastics and liver diathermy of patients with chronic infectious nonspecific polyarteritis. M. S. Belen'kii, E. M. Rybchinskaia. Vop. kur., fizioter. i lech. fiz. kul't. 26 no. 4 356-357 Jl-Ag '61.

DIATHERMY, SURGICAL see Electrosurgery

DIATHESIS

Principles of compound pathogenetic treatment of children with manifestations of exudative diathesis. M. I. Olevskii. Pediatriia no. 1:8-14 '62

Willebrandt--Jürgens disease in children. IU. E. Malakhovskii. Vop okh. mat. i det. 6 no. 3:80-83 Ag '61.

DIATOMACEOUS EARTH see subdivision under Kola Peninsula

DIATOMS

(see also subdivision under Black Sea)

Fouling diatoms near the western shore of the Caspian Sea. N. I. Karaeva. Trudy Inst. okean 49:108-117 '61.

DIAZO COMPOUNDS

Effect of substituents in the aromatic ring on the acid-basic properties of diazo hydrides IA. L. Briuske, B. A. Porai-Koshits. Zhur. prikl. khim 35 no. 1 182-185 Ja '62

DICHROISM

Effect of gelatin components on the photodichroism in gelatin films with silver salt content. IU. A. Januševičienė. Zhur nauch i prikl fot. i kin. 6 no. 6 408-412 N-D '61.

DICOLINE

Instruction in the clinical use of dicoline. Khim. i med. no 15,141-143 '60.

Therapeutic effect of the ganglion-blocking drug, dicoline, in the treatment of cerebrovascular diseases. Preliminary report. G. M. Entin, V. V. Gromova. Trudy Gos. nauchno-issl. inst. psikh. 22:408-419 '60.

DICOLINE—PHYSIOLOGICAL EFFECT

Pharmacology of dicoline. I. M. Shanapov. Khim. i med. no 15:52-70 '60

DICOLINE—THERAPEUTIC USE

Treatment of hypertension with dicoline. T. A. Martianova Khim. i med. no. 15:97-102 '60.

DICTATORSHIP OF THE PROLETARIAT

Kornilenko, IE. A. [Against the present-day revisionist interpretation of some problems concerning the dictatorship of the proletariat] Proty suchasnoho revizionizmu v pytannlakh dyktatury proletariatu. Kyiv, 1961. 47 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. I, no. 21)

DIELECTRICS

Calculation of the ionizing potential of the electric field of a layered dielectric made of impregnated capacitor paper Izv vys. ucheb zav., fiz. no 6 22-26 '61

Concerning the methodology for calculating the dielectric constants of substances measured by a method involving the use of a cylindrical H_{01n} resonator with axial arrangement of the samples. V. B. Kazanskii, L. D. Stepin. Radiotekh. i elektron. 7 no 1:173-175 Ja '62

Device for studying partial discharges in dielectrics. K. A. Zaitsev. Vest. elektroprom. 31 no. 10:58-61 O '60.

Expression for the density of an electromagnetic pulse in a translucent dielectric. V. M. IUzhakov Izv vys ucheb. zav. fiz no. 6 87-89 '61

Some relationships characterizing an electric machine with magnetodielectrics in its design V A Troitskii Izv AN Uz SSR. Ser. tekh. nauk no 4:3-14 '61

DIELECTRICS, EFFECT OF RADIATION ON

Effect of gamma-radiation on the dielectric properties of vinyl plastic V. M Neaterov, V N Toporova. Izv vys ucheb zav , fiz no. 6 141-144 '61.

DIENCEPHALON—DISEASES

Case of successful treatment of a diencephalic syndrome with aminazine. V. I. Toitslin. Vrach delo no. 6 133-134 Je '61.

DIES (SCREW-CUTTING) see Taps and dies

DIES (METALWORKING)

"Repairing dies used in the automobile industry" by S. I. Efremov. Avt. prom. 27 no 12:14 D '61

DIES (METALWORKING)—TESTING

Determining the wear resistance of drawing dies by means of radioactive isotopes P. F. Groshev Izv. vys. ucheb zav., chern. met 4 no 12 100-106 '61

Exchange of experience. Zav. lab. 27 no. 12 1527 '61.

DIESEL ENGINES

(see also subdivision under Czechoslovakia)

Kozlovskii, M. T., and V. V. Petrov. [Fuel equipment of IaAZ-204 and IaAZ-206 diesel engines, design, maintenance and repair] Toplivnaia apparatura dizel'nykh dvigatelei IaAZ-204 i IaAZ-206, konstruktsiia, obsluzhivanie i remont. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961. 214 p.

Study of diesel engines operating on two-phase fuel injection. Z. G. Suleimanova Azerb neft khoz. 40 no. 9:41-44 S '61.

DIESEL ENGINES—COOLING

From our practices of operating the cooler of the TEZ diesel locomotive under winter conditions T. M. Tushkanov, L. P. Makarov. Elek. i tepl. tiaga 6 no. 1: 5-6 Ja '62.

DIESEL ENGINES—FUEL SYSTEMS

Efficient method of plunger processing. IU. B. Barkovskii. Elek. i tepl. tiaga 5 no 12:17 D '61

Fuel pump control mechanism. A. N. Gurevich. Elek. i tepl. tiaga 5 no. 12:33-35 D '61

DIESEL ENGINES—MAINTENANCE AND REPAIR

Recommendations on the maintenance of the diesel engine of TGM1 diesel locomotives. G. V. Rudkov Elek i tepl. tiaga 6 no. 1,14-16 Ja '62.

DIESEL ENGINES—STANDARDS

Standardization at a diesel-engine plant. V. G. Ochkurov. Standartizatsiia 26 no 1:57-58 Ja '62.

DIESEL ENGINES—TESTING

Seminar on the operation of ChME2 diesel locomotives S. M. Azbel', D. G. Zazovskii Elek i tepl tiaga 6 no. 1 25 Ja '62

Single-unit 4000 h. p. diesel locomotive with hydraulic transmission. A. N. Guba Elek i tepl tiagn 5 no 12: 42-43 D '61.

DIESEL LOCOMOTIVES—COLD WEATHER OPERATION

From our practices of operating the cooler of the TEZ diesel locomotive under winter conditions T. M. Tushkanov, L. P. Makarov Elek. i tepl tiaga 6 no. 1: 5-6 Ja '62

DIESEL LOCOMOTIVES—DESIGN AND CONSTRUCTION

Type PPK-8301 cam reverser. I. M. Timoshenko, V. I. Gefter, A. A. Krashenitsa Elek. i tepl tiaga 6 no 1, 30-31 Ja '62

DIESEL LOCOMOTIVES—EQUIPMENT AND SUPPLIES

Tuning of diesel locomotive circuit systems with a vibratory power governor A. I. Nikushin, S. I. Silin. Elek i tepl tiaga 6 no 1,40-41 Ja '62

DIESEL LOCOMOTIVES—HYDRAULIC DRIVE

Use of the hydraulic clutch as a drive for the auxiliary units of diesel locomotives IU. I Milovidov Vest TSNII MPS 20 no 8 31-33 '61

DIESEL LOCOMOTIVES—INSPECTION

Device for checking the performance conditions of a diesel locomotive. M. K. Gavrilenko Elek i tepl tiaga 6 no 1:24-25 Ja '62.

DIESEL LOCOMOTIVES—MAINTENANCE AND REPAIR

Fan and dust separator for diesel locomotives. N. I. Stepin. Elek i tepl tiaga 6 no. 1:18-19 Ja '62

Isn't it better to do it this way? L. R. Rudenko. Elek. i tepl tiaga 6 no 1 37-38 Ja '62.

Our method of maintenance and repair of centifugal oil filters R. M Tarasov Elek. i tepl tiaga 5 no. 12,34 D '61.

Using inhibiting hydrochloric acid for the removal of incrustations from water sections IU. D. Mishenev Elek. i tepl. tiaga 6 no 1:22 Ja '62.

DIESEL LOCOMOTIVES—TESTING

Inspecting the accuracy of the assembly of the 2D100 diesel locomotive blower K. A. Grekov. Elek. i tepl. tiaga 5 no. 12,20-22 D '61.

DIET

Depression of the physiological function of the anti-coagulation system as a consequence of an atherogenic diet [with summary in English] G. G Bazazi'an and others Biul eksp biol i med. 52 no 10 26-30 O '61

Marshak, M. S. [Proper die for the individual] Kak nado pitat'sia. Moskva, Izd-vo "Znanie," 1961, 30 p. (Narodnyi universitet kul'tury: Estestvennonauchnyi fakul'tet, no22)

DIET IN DISEASE

Korobkina, G. S. [Canned food and food concentrates for infants and the sick] Konservy kontsentraty v detskom i dieticheskom pitanii. Moskva, Gos. izd-vo torg lit-ry, 1961 78 p

DIETZGEN, JOSEPH, 1828-1888

"Joseph Dietzgen" by V. V. Volkova. Reviewed by L. I Gol'man. Vop ist KPSS 6 no. 1 197-201 '62

DIFFERENCE EQUATIONS

Setting up of difference equations in the approximate solution of the Euler-Poisson-Darboux equation D. F. Davidenko. Dokl. AN SSSR 142 no. 3 510-513 Ja '62.

DIFFERENTIAL ANALYZERS, ELECTRONIC see Electronic differential analyzers

DIFFERENTIAL CALCULUS see Calculus, Differential

DIFFERENTIAL DIAGNOSIS see Diagnosis, Differential

DIFFERENTIAL EQUATIONS

Accurate solutions to the equations of proportional navigation. V. L. Kan, A. S. kel'zon. Izv. vys. uchab. zav. ;mat. no. 1:50-56 '62.

Axisymmetrical self-oscillations of a gyrotropic sphere with a small radius A. A. Pistol'kors. Radiotekh. i elektron. 7 no 1:61-70 Ja '62.

Boundary value problem for Poisson's equation. A. F. Khrustalev. Izv. vys. ucheb zav. ;mat. no. 1:120 '62.

Characteristics of introducing a small parameter in the study of nonlinear vibrations in automatic systems. E. P. Popov. Prikl mat. i mekh. 26 no. 1:62-69 Ja-F '62.

Concerning a certain critical case of absolute stability [with summary in English]. V. M. Popov. Avtom. i telem. 23 no. 1:3-24 Ja '62.

Concerning the theory of a piece-wise linear system with periodically varying parameters E. N. Rozenvasser. Avtom. i telem 23 no 1:122-126 Ja '62.

Continuity of integral curves of nonlinear differential equations. I. IA. Gofman. Izv. vys. ucheb. zav. ;mat. no. 1:20-27 '62.

Differential equations with retarded arguments of the stable type. K. M. Malov. Izv. vys. ucheb. zav. ;mat. no. 1:83-88 '62.

Discrete spectrum of Schrodinger's radial equation L A. Sakhnovich Dokl AN SSSR 142 no 3:550-553 Ja '62.

Dissipativeness of a certain nonlinear system of differential equations. Part 2 [With summary in English]. B. P. Demidovich Vest Mosk un. Ser 1 Mat , mekh. 17 no. 1:3-8 Ja-F '62

Estimation of the region of existence of periodic solutions. V. S. Serebriakova. Izv. vys. ucheb. zav. ,mat no. 1: 171 '62.

Existence of periodic solutions to a nonlinear differential equation of the third order E. M. Vaisbord. Mat. sbor. 56 no. 1:43-58 Ja '62

Frommel's method of investigating a singular point of a differential equation of the first order [with summary in English] A. F Andreev. Vest LGU 17 no. 1:5-21 '62

Fundamental solutions to systems of equations in the theory of elasticity. D. Murtazaev. Izv. vys. ucheb. zav. ;mat. no. 1:108-117 '62

Generalized derivatives and their application to the solution of ordinary differential equations P. A Murav'ev. Izv vys. ucheb zav. ,mat. no. 1:89-100 '62.

Investigating the characteristic question corresponding to the resolving equation of a cylindrical shell S IA. IAlema Nauch zap. IMA AN URSR Ser mashinoved. 7 no 7 110-118 '61

Limit cycles. N. V. Medvedev. Izv. vys. ucheb. zav. ; mat. no 1:161 '62.

Method for investigating a differential equation of infinite order IU. F. Korobeinik. Mat. sbor. 56 no. 1: 107-126 Ja '62.

Models involving a finite number of degrees of freedom for a certain class of problems in mathematical physics (Difference systems involving a law of conservation.) A. L. Krylov. Dokl AN SSSR 142 no. 3 572-575 Ja '62.

Neumann's singular elliptic problem for Tricomi's equation. L. Vol'fersdorf. Izv. vys. ucheb zav ;mat. no. 1:14-19 '62.

Number of limit cycles of an equation. B. M. Peretiagin. Izv. vys. ucheb. zav. ,mat. no. 1:179 '62.

Oscillatory properties of solutions to canonical equations. V A IAkubovich. Mat sbor. 56 no. 1:3-42 Ja '62.

Space with torsion, and nonlinear field equations. V. I. Rodichev Izv vys ucheb. zav. , fiz. no. 6. 118-125 '61.

Theory of differential equations incorporating discontinuous functions. D. A. Barbashin, IU. I. Alimov. Izv. vys. ucheb. zav. ;mat. no. 1:3-13 '62.

Third order conjugate systems from semiasymptotic lines [with summary in English]. G. I. Trushin. Vest. Mosk. un. Ser. 1:Mat. , mekh. 17 no. 1:18-23 Ja-F '62.

Use of numerical integration to obtain rigorous information on the location of integral curves of a particular class of differential equations [with summary in English]. S. M. Lozinskii Vest. LGU 17 no. 1:71-79 '62.

DIFFERENTIAL EQUATIONS—PROBLEMS, EXERCISES, ETC.

Filippov, A. F. [Collection of problems on differential equations] Sbornik zadach po differentsial'nym uravneniiam. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961 100 p.

DIFFERENTIAL EQUATIONS, LINEAR

Construction of dynamic instability regions in canonical systems with periodic coefficients [with summary in English]. B. G. Pittel', G. I IUzefovich Vest. LGU 17 no. 1:89-101 '62

Some sufficient indications of asymptotic stability of the solutions to a linear differential equation of second order. B. M. Cherdak. Izv. vys. ucheb. zav. ;mat. no. 1: 165-171 '62.

Theory of reducible systems of ordinary linear differential equations. N. P. Erugin. Dokl. AN BSSR 5 no. 12: 533-534 D '61.

DIFFERENTIAL EQUATIONS, PARTIAL

Analytical solutions to Tricomi's equation. IU. F. Korobeinik. Dokl. AN SSSR 142 no. 3 518-521 Ja '62.

Asymptotic stability of systems with an aftereffect containing a small parameter in the derivatives. A. I. Kitmushev Prikl. mat. i mekh. 26 no. 1:52-61 Ja-F '62

Behavior of the trajectories of a system which is close to an autonomous Hamiltonian system V. Mel'nikov. Dokl. AN SSSR 142 no 3.542-545 Ja '62.

Four-point difference systems of high accuracy. V. I. Lebedev. Dokl. AN SSSR 142 no. 3:526-528 Ja '62.

Some differential equations applicable in a study of oscillations with slight random perturbations. R. Z. Khas'minskii. Dokl AN SSSR 142 no. 3:560-563 Ja '62.

DIFFERENTIAL GEOMETRY see Geometry, Differential

DIFFERENTIAL INVARIANTS

Development of the basic premises of the invariant theory of mechanics. V. IU. Ivashkevich. Trudy inst. ist. est. i tekh. 43 378-405 '61

DIFFRACTION

Solution to the "key" problem of diffraction on an ideally conducting plate. V. N. Kurityn. Zhur. tekh. fiz. 31 no 12 1485-1490 D '61.

DIFFUSERS

Experimental continuous diffuser. I. M. Litvak, M. I. Barabanov, S. T. Vil'chinskii. Sakh. prom. 35 no. 11 26-28 N '61.

DIFFUSION

Diffusion of copper in the sulfide film formed on it. I. I. Pokrovskii, M. M. Pavliuchenko, I. E. Shimanovich. Dokl. AN BSSR. 5 no. 11:498-502 N '61.

Fick's diffusion equation [with summary in English]. I. R. Krichevskii, N. F. Khazanova, L. S. Leonevskaia. Inzh.-fiz. zhur. 5 no. 2:101-103 F '62.

Method for measuring the diffusion coefficients of solids in compressed gases [with summary in English]. Iu. V. TSekhanskaia, M. B. Iomtev. Inzh.-fiz. zhur. 5 no. 2: 24-29 F '62.

Relation between the thermal diffusion coefficient and the thermodynamic properties of binary mixtures. Part 1. Calculation of the thermal diffusion coefficient of dense gases. I. S. Kotousov. Zhur. tekh. fiz. 32 no. 1 89-100 Ja '62.

DIGENES ACRITAS (EPIC POEM)

"Digenes Acritas," the historical personage. A. IA. Syrkin. Viz. vrem. 18:124-149 '61.

Problems of the Byzantine epic. A. IA. Syrkin. Viz. vrem. 19:97-119 '61.

Social and political ideas of the epic about Digenes. A. IA. Syrkin. Viz. vrem. 20:129-155 '61.

DIGESTION

Effect of Charlak mineral water on certain gastric functions in dogs. K. A. Makhonina. Med. zhur. Uzb. no. 6:29-32 Je '61.

Role of the vagus nerve in the regulation of digestive processes in fish. O. A. Gomazkov, B. V. Kralukhin. Fiziol. zhur. 47 no. 10:1283-1288 O '61.

DIGESTIVE ENZYMES

Materials on parietal digestion. Report No. 3: Comparison of enzymatic hydrolysis of starch in the intestine and in vitro [with summary in English]. A. M. Ugolev. Biul. eksp. biol. i med. 52 no. 8, 8-12 Ag '61.

DIGESTIVE ORGANS

Critical evaluation of the methods for studying the effect of mineral waters on the secretory function of the digestive glands. F. I. Lachnikova. Vop. kur., fizioter. i tech. fiz. kul't. 26 no. 6 486-490 N-D '61.

DIGESTIVE ORGANS—DISEASES

"Balneo- and physiotherapy in diseases of the digestive tract." Reviewed by E. Berlesku. Vop. kur., fizioter. i tech. fiz. kul't. 26 no. 6 559-562 N-D '61.

Medical expert evaluation of flying personnel in chronic diseases of the gastrointestinal tract. E. T. Maiyshkin, B. L. Gelfman. Voen.-med. zhur. no. 7:57-60 Jl '61.

Rusanov, M. N. [Acute diseases of the stomach and intestine] Ostrye zabolevaniia zheludka i kishechnika. [Leningrad] Medgiz, 1961. 53 p. (DNLM)

DIMEDROL

Treatment of eczemas with a preparation containing vitamin B complex, dimedrol and novocaine ("VDN-6") [with summary in English]. V. A. Dobrotvortsev. Sov. med. 25 no. 8:113-118 Ag '61.

DINARIC ALPS—KARST

Geomorphology of the Dinarian upland. M. P. Zabrodskaia. Izv. Vses. geog. ob-va 93 no. 6:537-540 N-D '61.

DIODES—MEASUREMENT

Methodology for measuring the negative resistance and capacitance of tunnel diodes. N. E. Skvortsova. Radiotekh. i elektron. 7 no. 2:354-356 F '62.

DIONINE

Use of dionine electrophoresis in the treatment of bronchial asthma [in Azerbaijani with summary in Russian]. M. E. Efendiev, N. R. Kudari. Azerb. med. zhur. no. 7: 55-56 Jl '61.

DIOPSIDE see subdivision under Baikal Lake region

DIOQUINE

Action of dioquine in hypertension. E. V. Erina. Khim. i med. no. 15:89-94 '60.

Instruction in the use of dioquine. Khim. i med. no. 15: 139-140 '60.

Spasmolytic action of dioquine. A. IU. Svidler. Khim. i med. no. 15:113-117 '60.

DIOQUINE—PHYSIOLOGICAL EFFECT

Effect of dioquine on the arterial pressure of dogs with experimental hypertension. V. N. Mentova, Z. T. Samoilova. Khim. i med. no. 15:125-130 '60.

Effect of the ganglion blocking preparation, dioquine, on the motility of the stomach. D. V. Tolmach. Khim. i med. no. 15:107-113 '60.

Pharmacological properties of the new ganglion blocking preparation, dioquine. I. M. Sharapov. Khim. i med. no. 15:30-52 '60.

DIOQUINE—THERAPEUTIC USE

Treatment of peptic ulcer of the stomach and duodenum with dioquine. I. B. Shulutko, D. V. Tolmach, E. N. Shklovskaia. Khim. i med. no. 15:102-106 '60.

Use of dioquine in gastric ulcer and gastritis. V. M. Podzolkova. Khim. i med. no. 15:117-119 '60.

Use of the new ganglion blocking preparation, dioquine, in hypertension. M. L. Gorinshtein, TS. M. Sribera, Z. N. Chulkova. Khim. i med. no. 15:94-97 '60.

DIORAMA

The diorama "Assault on Mt Sapun." G. Tsrnovskii. Iskusstvo. 24 no. 6 40-46 '61.

DIOXANE

Low molecular weight dioxane lignin. M. M. Chochieva, N. I. Nikitin. Zhur. prikl. khim. 34 no. 12:2733-2737 D '61.

Solid - liquid and liquid - vapor equilibrium in the system dioxane - acetic acid. K. N. Kovalenko, N. I. Balandina. Uch. zap. RGU. 41 39-43 '58.

DIPHENHYDRAMINE

Using dimedrol as a soporific and sedative in the treatment of neuroses and neurotic states with disturbance of sleep. Z. B. Lysenko. Vrach. delo. no. 6 75-76 Je '61.

DIPHENYLAMINE

Glucosamin content in the blood serum and its reaction with diphenylamine as indices of the activity of the rheumatic process [with summary in English]. E. F. Konaeva. Sov. med. 25 no. 7 42-47 Jl '61.

DIPHTHERIA—MICROBIOLOGY

Differential diagnosis of diphtheria of the pharynx and nasal anginas with concomitant diphtherial bacilli carrier state. Z. I. Krasovitskii. Pediatriia no. 1: 53-57 '62.

DIPHTHERIA—PREVENTION

Role of the communicable diseases hospital in eradicating diphtheria. N. N. Faerman, E. I. Temperamentova, A. F. Lavrova. Vop. okh. mat. i det. 6 no. 8:63-66 Ag '61.

DIPHTHERIA—PREVENTIVE INOCULATION

Study of the effectiveness of whooping cough-diphtheria vaccines [with summary in English]. A. L. Osadchieva, M. I. Lupina. Sov. med. 25 no. 8:51-55 Je '61.

DIPLOMATIC PRIVILEGES AND IMMUNITIES

The International Conference on Diplomatic Relations and Immunities in Vienna. A. P. Movchan, N. A. Ushakov. Sov. gos. i pravo. 32 no. 2:114-121 F '62.

DIPOLE MOMENTS

Baldin, A. M., and Nguen Van Kh'eu. [On possibility for determining the magnetic moments of unstable vector particles] Ob odnoi vozmozhnosti opredeleniia magnitnykh momentov vektornykh nestabil'nykh chastits. Dubna, Ob"edinennyi in-t iadernykh issl., 1961. 6 p.

Relativistic corrections to the magnetic moments of H^3 and He^3 [with summary in English]. N. S. Zelenskaia, IU. M. Shirokov. Zhur. eksp. i teor. fiz. 41 no. 6: 1934-1937 D '61.

DIPROPHEN

Diprophen treatment of endarteritis obliterans in the polyclinic [with summary in English]. P. A. Pavlenko. Sov. med. 25 no. 10:105-109 O '61.

DIPTERA see subdivision under Azerbaijan, Komi A. S. S. R.

DIRECT CURRENT MACHINERY see Electric motors, Direct current

DIRICHLET'S SERIES see Series, Dirichlet's

DISABILITY EVALUATION

Illness with a temporary loss of work capacity among workers of sugar plants in the Vinnitsa Economic Region. L. G. Lekarev, F. S. Riukhov. Sov. zdrav. 20 no. 6,53-58 '61.

Use of the data from compulsory periodic medical examinations in the fight to lower the incidence of disease with loss of work capacity. L. IA. Burlova, G. I. Zuev. Zdrav. Ros. Feder. 5 no. 12:8-11 D '61.

DISARMAMENT

Disarmament or arms race? S. Efimov. Mezhdunar. zhizn' 9 no. 2:3-11 F '62.

Exceptional measures needed. Nov. vrem. 20 no. 8: 4-5 F '62.

"For a world without weapons, without war!" Klub 10 no. 6:38-39 Je '61.

Good will is needed. Nov. vrem. 20 no. 6:1-2 F '62.

Unjustifiable. Nov. vrem. 20 no. 8:1-2 F '62.

What is the 18-nation committee? Nov. vrem. 20 no. 9: 13 F '62.

DISARMAMENT—ECONOMIC ASPECTS

Akademiia nauk SSSR, Sovetskii komitet zashchity mira. [Economic problems of disarmament] Ekonomicheskie problemy razoruzheniia. Moskva, Izd-vo Akad. nauk SSSR, 1961. 214 p.

DISCOVERERS see Explorers

DISEASE GERMS see Bacteria, Pathogenic

DISEASES—CAUSES AND THEORIES OF CAUSATION

Role of allergy in the development of pathological processes, based on data by IA. I. Arkhip and others. A. N. Gordienko. Biul. Usch. med. sov. 2 no. 6:17-22 N-D '61.

DISEASES—REPORTING

(see also subdivision under Gali District, Abkhazia)

"Disease incidence among the rural population (as revealed by data of attendance at medical and prophylactic institutions in nine rural districts)." Edited by P. I. Kal'in. Reviewed by L. G. Lekarev. Sov. zdrav. 20 no. 6,85-86 '61.

DISEASES, HEREDITARY see Heredity of disease

DISHWASHING

Sulfanol is a fine material for washing tableware. B. IUdasin. Tyl i snab. Sov. Voor Sil. 21 no. 11 91-92 N '61.

DISINFECTION AND DISINFECTANTS

"Manual for disinfectors." Edited by V. I. Vashkov, B. I. Gandel'sman. Reviewed by I. F. Pichkur. Sov. zdrav. 20 no. 8,78-79 '61.

New substances and methods for disinfecting hospital rooms (as revealed by foreign studies). A. G. Bazhinov, N. M. Kamorskii, V. A. Komarov. Voen.-med. zhur. no. 7:53-56 Jl '61.

DISLOCATIONS

Muscle relaxants in the setting of traumatic dislocations. A. A. Voitkov. Vest. khir. no. 1:118-123 '62.

DISLOCATIONS IN METALS

Investigating high-strength steels prepared by deformation and hardening. I. I. Mirkin. Metalloved. i term. obr. met. no. 1:9-14 Ja '62.

Investigating the polygonization of molybdenum by high temperature metallography. M. G. Lozinskii, M. L. Bernshtein, T. V. Vershinskaia. Metalloved. i term. obr. met. no. 1:57-64 Ja '62.

DISMISSAL OF EMPLOYEES see Employees, Dismissal of

DISORDERLY CONDUCT

(see also subdivision under Minsk)

We should severely punish vicious hooligans. P. Lukanov. Sots. zakon. 18 no. 12 18-20 D '61.

DISPENSARIES

"Dispensary care of the rural population." Collection of works of the Vinnitsa Medical Institute and of practicing physicians of Vinnitsa Province. Edited by L. G. Lekarev. Reviewed by I. D. Daniliuk. Sov. zdrav. 20 no. 7 85-86 '61.

DISPERSION ANALYSIS see Particle size determination

DISPERSOIDS see Colloids

DISSOCIATION

Dissociation constant of lead sulfate. L. M. Korenman. Izv. vys. ucheb. zav.; khim. i khim. tekh. 4 no. 4,554-557 '61.

DISTILLATION, FRACTIONAL

New method of calculating multicomponent rectification by means of digital computers. B. G. Berge, V. M. Platonov. Khim. prom. no. 12:839-843 D '61.

"Reversed" rectification with the squeezing out of the solvent. IU. N. Slavianov, N. IA. Regak. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 4:676-679 '61.

Semiperiodical process of selecting distillates by example with the rectification of a mixture of methylchlorosilanes. V. V. Popov. Plast. massy no. 8 24-25 '61.

DISTILLATION APPARATUS

Developing an efficient system for the manufacture of brandy alcohols. V. Litvak. Prom. Arm. 4 no. 11: 38-40 N '61.

Mass transfer coefficients in the process of rectification on perforated plates. I. M. Anoshin. Izv. vys. ucheb. zav., pishch. tekh. no. 5 131-134 '61.

Performance of a ND-1250 distillation unit. Z. G. Osipova. Masl.-zhir. prom. 27 no. 11:37-38 N '61.

Rectification column with parts made of wood-filled plastics. E. A. Fedorov. Plast. massy no. 10:65-66 '61.

Tubular tank vacuum unit for tar rectification. V. A. Buriak. Koks i khim. no. 11:51-54 '61.

DISTILLED WATER see Water, Distilled

DISTILLING INDUSTRIES—BY-PRODUCTS

Biosynthesis of vitamin B_{12} by methane-producing bacteria. V. IA. Bykhovskii, E. S. Pantskhava. Vit. res. i ikh isp. no. 5:82-89 '61.

Producing vitamin B_{12} by processing waste products of the distilling industry with thermophilic methane bacteria. V. N. Bukin and others. Vit. res. i ikh isp. no. 5:90-111 '61.

Utilization of molasses waste from distilleries. V. N. Rybachuk. Trudy KTIPP no. 23:19-31 '60.

DISTOMATOSIS

Precipitation reaction in opisthorchosis. V. N. Drozdov. Sov. med. 25 no. 10:126-128 O '61.

DISTRIBUTION (PROBABILITY THEORY)

Notes on nonparametric estimation of the density of two-dimensional distribution. G. M. Manita. Soob. AN Gruz SSR 27 no. 4 385-390 O '61.

DISTRIBUTIVE EDUCATION

In a school for salesclerks. I. Rubashkin. Sov. torg. 35 no. 1:36-39 Ja '62.

DISTYLIUM, FOSSIL see subdivision under Ural Mountains

DIURETICS AND DIURESIS

Chemical composition of some horsetail species growing in Azerbaijan and diuretic properties of preparations derived from them [in Azerbaijani with summary in Russian]. R. K. Aliev, R. A. Abdullaev, A. K. Rakhimova. Trudy Sekt. fiziol. AN Azerb. SSR 4:29-37 '60.

Comparative evaluation of the diuretic effect of novurite, hypothiazide, and diacarb in circulation disorders [with summary in English]. U. B. Shaipov. Med. zhur. Uzb. no. 8:85-89 Ag '61.

DIVERGENT SERIES see Series, Divergent

DIVINE HEALING see Faith cure

DIVING, SUBMARINE

Morenov, I. V., and B. V. Lazarev- Stanishchev. [Skin diving as a sport] Sportsmen-legkovodolaz. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 229 p.

DIVISION OF LABOR

On certain indices characterizing a territorial division of labor. T. K. Popova. Och. po sovr. sov. i zarub. ekon. no. 1:87-99 '60.

On proportionality and means necessary to achieve it in productive work. A. T. Mikhailov. Uch. zap. kaf. obshchestv. nauk vuz g. Len., Polit. ekon. no. 3:59-87 '61.

Tendency of the division of production and labor during the period of transition from socialism to communism. V. P. Kornienko. Uch. zap. kaf. obshchestv. nauk vuz g. Len., Polit. ekon. no. 3:88-108 '61.

DIVNOGORSK

Year of birth: 1961. S. Agalakov. Neva no. 12:207-208 '61.

DIVORCE

We should change the procedure in divorce cases. V. Petrenko. Rad. pravo no. 4:133 Jl-Ag '61.

DMITRIEV, VLADIMIR NIKOLAEVICH, 1839-1904

In memory of V. N. Dmitriev. P. Morozov. Vop. kur., fiziotер. i lech. fiz. kul't. 26 no. 6:570 N-D '61.

DMITRIEVA, A.

Dmitrieva, I. Solov'eva. Teatr. 22 no. 8:76-79 Ag '61.

DNEPRODZERZHINSK—AUXILIARY POLICE

Voluntary policemen of Dneprodzerzhinsk. V. Lytvynov. Rad. pravo. no. 4:37-38 Jl-Ag '61.

DNEPRODZERZHINSK—COKE INDUSTRY

Factory of communist labor. Koks i khim. no. 10:22-23 O '61.

Plant with a perfect organization of production. I. Z. Titarenko. Bezop. truda v prom. 5 no. 12:29-30 D '61.

DNEPRODZERZHINSK—GUIDEBOOKS

[Dneprodzerzhinsk; reference and guidebook] Dniprodzerzhyns'k; dovidnyk-putivnyk. [Dnipropetrovsk] Dnipropetrovs'ke knyzhkove vyd-vo, 1960. 165 p.

DNEPRODZERZHINSK HYDROELECTRIC POWER STATION—PRECAST CONCRETE CONSTRUCTION

Precast reinforced concrete in construction of the Dneprodzerzhinsk Hydroelectric Power Station and the Dnieper-Krivoy Rog Canal. V. I. Levushkin. Energ. stroi. no. 20 23-29 '61.

DNEPROPETROVSK—COKE INDUSTRY—EQUIPMENT AND SUPPLIES

Machines replace people. Koks i khim. no. 10:71-72 O '61.

DNEPROPETROVSK—INFLUENZA

Some data on mortality from influenza in Dnepropetrovsk during the 1959 epidemic. T. B. Gorgiev and others. Vop. virus. 6 no. 5:628-629 S-O '61.

DNEPROPETROVSK—TECHNICAL EDUCATION

Training fitting mechanics. I. Ol'shanskii. Avt. transp. 40 no. 1:48 Ja '62.

DNEPROPETROVSK PROVINCE—AERONAUTICS IN PUBLIC HEALTH

Reorganizing the work of the airborne health center rendering medical aid to the population of Dnepropetrovsk Province. M. S. Bednyi. Zdrav. Ros. Feder. 5 no. 12:26-29 D '61.

DNEPROPETROVSK PROVINCE—AMATEUR THEATRICALS

In amateur theaters. V. Bielialov. Mystetstvo 6 no. 6: 20 N-D '61.

DNEPROPETROVSK PROVINCE—STEEL INDUSTRY

Generalization and dissemination of progressive practice. IU. Radina. Ekon. Sov. Ukr. no. 4:127-128 Jl-Ag '60.

DNIEPER BASIN—COAL-HANDLING MACHINERY

Efficiency of using powerful continuous machine units in strip mines of the Dnieper Basin. B. N. Tartakovskii. Nauch. zap. Ukrniiproekta no. 2:99-108 '60.

DNIEPER-DONETS LOWLAND—GAS, NATURAL—GEOLOGY

Geology of the southeastern part of the Dnieper-Donets Lowland. V. A. Gordievich, I. V. Sanarov. Geol. nefti i gaza. 6 no. 1:32-35 Ja '62.

DNIEPER-DONETS LOWLAND—PETROLEUM GEOLOGY

Geology of the southeastern part of the Dnieper-Donets Lowland. V. A. Gordievich, I. V. Sanarov. Geol. nefti i gaza. 6 no. 1:32-35 Ja '62.

DNIEPER-KRIVOY ROG CANAL—PRECAST CONCRETE CONSTRUCTION

Precast reinforced concrete in construction of the Dneprodzerzhinsk Hydroelectric Power Station and the Dnieper-Krivoy Rog Canal. V. I. Levushkin. Energ. stroi. no. 20 23-29 '61.

DNIEPER RIVER—LOCKS (HYDRAULIC ENGINEERING)

Redesigning the Lenin lock on the Dnieper River. I. Ocheretianyi. Rech. transp. 20 no. 11:31 N '61.

DNIEPER VALLEY—AFFORESTATION

Afforestation of the lower Dnieper sands. M. M. Driuchenko. Nauch. zap. VLTI 17:77-84 '60.

DNIEPER VALLEY—CITY PLANNING

Building of a new city on the Dnieper. V. N. Popov. Energ. stroi. no. 23:147-151 '61.

DNIEPER VALLEY—HYDROELECTRIC POWER STATIONS

Use of precast reinforced concrete in plans for the hydroelectric power stations on the Dnieper River. IU. V. Shreder. Energ. stroi. no. 20 16-22 '61.

DNIEPER VALLEY—IRON OXIDES

IUrk, IU. IU., and E. F. Shnitkov. [Iron oxides in the Ukrainian Crystalline Shield] Oksidy zheleza ukrainskogo kristallicheskogo shchita. Kiev, Izd-vo Akad. nauk USSR, 1961. 107 p.

DNIEPER VALLEY—METALLURGICAL PLANTS—EQUIPMENT AND SUPPLIES

Fuel balance in metallurgical plants of the Dnieper Valley group. I. M. Dik. Izv. vys. ucheb. zav., chern. met. 4 no. 12:191-195 '61.

DNIEPER VALLEY—PINE

Transpiration and water expenditure through transpiration in pine stands in the sands of the lower Dnieper Valley. A. V. Sudakov. Bot. zhur. 46 no. 12: 1807-1811 D '61.

DNIESTER VALLEY—ARCHAEOLOGY

Population of the southwestern part of the U. S. S. R. in the first and the beginning of the second millennium A. D. [with summary in English] G. B. Fedorov. Sov. etn. no. 5:80-106 S-O '61.

DNIPROVS'KYI, IVAN, 1895-1934

Ivan Dniprovs'kyi. V. M. Leayn, O. S. Romanets'. Rad. lit. 6 no. 1:75-85 Ja-F '62.

DOBROLIUBOV, NIKOLAI ALEKSANDROVICH, 1836-1861

Hundredth anniversary of N. A. Dobroliubov's death. Vest. AN SSSR 32 no. 1:141-142 Ja '62.

Letters written by N. A. Dobroliubov to A. N. Pleshcheev. L. S. Pustil'nik. Lit. arkh. no. 6:106-117 '61.

DOBROMIL'—AGRICULTURE—STUDY AND TEACHING

On living examples. V. F. Kris. Rad. shk. 40 no. 1:53-54 Ja '62.

DOBROVOL'SKII, VIKTOR KONSTANTINOVICH, 1901-

Viktor Konstantinovich Dobrovol'skii, on his 60th birthday. Vop. kur. fizioter. i lech. fiz. kul't. 26 no. 6:564-565 N-D '61.

DOCK HANDS see Longshoremen

DOGADOV, VASILII MIKHAILOVICH, 1886-

Fifty years devoted to legal studies and the teaching of law. Izv. vys. ucheb. zav.; prav. 5 no. 2:191 '61.

DOGFISH see subdivision under Black Sea

DOLGOVA, EVGENIIA ZAKHARIVNA

Everyday activities of Evgeniia Zakharivna. V. Ostapchuk. Doshk. vykh. 23 no. 2:19-20 F '62.

DOMESTIC ANIMALS—CONGRESSES

Conference on the use of ultraviolet radiation for increasing the productivity of poultry and livestock raising. G. M. Zimina. Svetotekhnika 8 no. 1:29-30 Ja '62.

DOMESTIC ENGINEERING

Institute of Sanitary Engineering. V. P. Mizikin. Izv. ASIA no. 2:125-126 '61.

DOMESTIC RELATIONS

Russia (1917- U.S.S.R.) Laws, statutes, etc. [The code of laws on marriage, family, and guardianship of the R.S.F.S.R. Official text with amendments as of February 1, 1961 and supplementary materials on the articles] Kodeks zakonov o brake, sem'e i opeke RSFSR. Ofitsial'nyi tekst s izmeneniiami na 1 fevralia 1961 g. i s prilozheniem postatel'no-sistematizirovannykh materialov. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 199 p.

DON DELTA—BENTHOS

Vertical distribution of benthic animals in reservoir bottoms of the Don-Aksay flood plain. V. G. Mushenko. Trudy Gidrobiol. ob-va 11:122-131 '61.

DON STEPPE PRESERVE

Organization of the Don Steppe State Preserve [with summary in English]. G. M. Zozulin. Bot. zhur. 46 no. 12: 1729-1733 D '61.

DON VALLEY—AFFORESTATION

Afforestation of sands of the middle Don Valley according to the experience of the Kalach Forest Working Circle. S. M. Naumenko. Nauch. zap. VLTI 17:54-62 '60.

DON VALLEY—FISHERIES—ECONOMIC ASPECTS

Development of the economy of fishing collectives and the fishing industry of the Azov-Don region under conditions of controlled fishing. IU. A. Prudnikov. Ryb. khoz. 38 no. 1:82-84 '62.

DON VALLEY—STEPPE FLORA

Steppes in the area of the Azov Sea portion of the Don Valley [with summary in English]. A. P. Balash. Bot. zhur. 46 no. 8:1098-1115 Ag '61.

DON-VOLGA CANAL see Volga-Don Canal

DONETS BASIN—COAL

New reagent for the flotation of Donets coals. N. D. Ogloblin. Izv. vys. ucheb. zav., gorn. zhur. no. 11:167-172 '61.

DONETS BASIN—COAL MINERS

New names. L. Mokrov. Sov. shakht. 11 no. 2:20-21 F '62.

Out of touch with the collective. P. Buzmakov. Sov. shakht. 11 no. 2:38-39 F '62.

Persistence. M. Volkov. Sov. shakht. 11 no. 2:19 F '62.

Two styles of work. V. Krasnogorskii. Sov. shakht. 11 no. 2:38-39 F '62.

DONETS BASIN—COAL MINERS—DISEASES AND HYGIENE

State of the auditory organ and the prevention of disorders of it in miners in the Donets Basin coal mines [with summary in English]. V. I. Rodin. Zhur. ush., nos. i gorl. bol. 21 no. 5:61-65 S-O '61.

DONETS BASIN—COAL MINES AND MINING

Coal workers in the Donets Basin to the Congress of the CPSU. B. Rogatin. Komsom. zhizn' no. 13:4-6 Jl '61.

Comparative efficiency of longwall and pillar systems of mining flat seams with swelling wall rocks in the Donets Basin. P. IA. Serednikov. Nauch. soob. Inst. gor. dela 4:3-14 '60.

Economic efficiency of hydraulic coal mining in the Ukrainian part of the Donets Basin. M. Dubins'kyi, P. Sivaks. Ekon. Rad. Ukr. no. 6:88-93 N-D '61.

Growth of the rate of mining of the basic development workings and its effect on the technical and economic indices of drifting. N. T. Kaliuzhnyi, I. V. Liashenko, I. S. Pilipkhanov. Ugol' Ukr. 5 no. 7:12-14 Jl '61.

Improving the mining methods in the mines of Stalinugol' Combine. P. I. Radionov, N. F. Tekuchev. Ugol' Ukr. 5 no. 7:1-3 Jl '61.

Methods of mining seams in soils tending to slide located in the central Donets Basin. G. S. Khomylov. Nauch. soob. Inst. gor. dela 4:15-23 '60.

Response to P. S. Podkolzin's article "Methods of mining coal beds in the Donets Basin." B. K. Kuklin, V. T. Lopukhin, S. M. Lipkovich. Ugol' Ukr. 5 no. 7:40-43 Jl '61.

DONETS BASIN—COAL MINES AND MINING—LABOR PRODUCTIVITY

We passed the 200 meter milestone. N. Bibko. Sov. shakht. 11 no. 2:17-18 F '62.

DONETS BASIN—COAL MINES AND MINING—PRODUCTION STANDARDS

Methods for determining time norms for the rest periods of workers in the underground coal mines of the Donets Basin. F. Agarkov. Biul. nauch. inform.-trud. i zar. plata 4 no. 9:16-18 '61.

DUMP TRUCKS—CATALOGS

Moskovskii avtomobil'nyi zavod. [Catalogs of parts for the ZIL-161A motortruck, ZIL-MMZ-585L and ZIL-MMZ-585M dump trucks, ZIL-164AR tractor, ZIL-157K three-axle motortruck and ZIL-MMZ-164AN and ZIL-157KV saddle tractors] Katalog detalei dvukhosnogo avtomobilia ZIL-164A, avtomobilei-samosvalov ZIL-MMZ-585L i ZIL-MMZ-585M, avtomobilia-tiagacha ZIL-164AR, trekhosnogo avtomobilia ZIL-157K i sedel'nykh tiagachei ZIL-MMZ-164AN i ZIL-157KV. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 486 p.

DUMPING APPLIANCES

Remote control network of a dump cart. I. M. Aronov. Prom. energ. 15 no. 8 28-30 Ag '60

DUODENUM—CANCER

Case of combined cancer of the duodenum and bleeding gastric ulcer. G. F. Gorburov, B. F. Tereshchenko. Sov. med. 25 no. 9:136 S '61.

DUODENUM—DISEASES

Annular pancreas causing duodenal obstruction in a newborn infant. A. K. Gol'dgammer. Vest. khir. no. 1. 142-143 '62.

DUODENUM—ULCERS

Treatment of duodenal fistulae after resection of the stomach. IA. D. Dmitruk, N. T. Terekhov. Sov. med. 25 no. 10:112-114 O '61.

DURA MATER

Effect of excitation of the dura mater on the cardiovascular system and respiration in man. E. I. Kandel'. Fiziol. zhur. 47 no. 10 1276-1282 O '61

DURALUMINUM—TESTING

Resistance of duraluminum to the action of active liquid media. G. G. Maksimovich, F. P. IAnchishin. Nauch. zap. IMA AN URSR Ser. mashinoved. 7 no. 7 37-40 '61

DURDUFI, G. N., 1860-1903

Prominent representative of nervism and the clinical-experimental trend in Russian medicine, G. N. Durdufi, (1860-1903). IU. A. Shilinis. Terap. arkh. 33 no. 8 106-111 '61

DURIAN, OGAN

Ogan Durian. M. Ter-Simonian. Sov. muz. 26 no. 1: 89-91 Ja '62

DURMANOV, NIKOLAI DMITRIEVICH, 1900-

N. D. Durmanov's 60th birthday. Izv. vys. ucheb. zav.; prav. 5 no. 2:192 '61

DUSHANBE—TECHNICAL EDUCATION

Less specialists but with better qualifications. P. Solodovnikov. Avt. transp. 40 no. 1:48 Ja '62

DUSHANBE—THEATER

"I am Fakhriddinov." IU. Rybakov. Teatr. 23 no. 1: 122-124 Ja '62.

DUST—REMOVAL

Pirumov, A. I. [Aerodynamic principles of inertia separation] Aerodinamicheskie osnovy inertsionnoi separatsii. Pod red. N. IA. Fabrikanta. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 123 p.

DUST COLLECTORS

Controlling dust from drilling by means of individual and centralized dry-type dust collectors. K. V. Pavlov. Vzryv. delo no. 46/3 185-201 '61

Study of the performance of perforators and of the tool in drilling with a dust exhaust. K. V. Pavlov, P. F. Trofimov. Vzryv. delo no. 46/3 202-218 '61.

Two-stage cyclone dust collector. O. L. Zholondkovskii, M. F. IUrga. Der. prom. 11 no. 1 23-24 Ja '62.

DUST STORMS

Role of shelterbelts of various make-up in the period of black dust storms [with summaries in English, German, and French] N. M. Miloserdov. Vest. sel'khoz. nauki 6 no. 11, 115-121 N '61.

DWELLINGS see subdivision under Donets Basin; Estonia

DWELLINGS—HEATING AND VENTILATION

Experimental studies of the air in apartments supplied with gas and equipped with experimental ventilation systems. V. E. Konstantinova. Sbor. trud. NIIST no. 7: 83-113 '61

Heating and hot water supply from the AGV-80 water heater. F. G. Tagi-Zade. Sbor. trud. NIIST no. 7 77-82 '61.

DYE PLANTS

Asian globeflower (Trollius asiaticus L.) and its possible utilization in the production of yellow dye. Al. A. Fedorov, A. A. Nikitin. Trudy Bot. inst. Ser. 5 no. 9 303-316 '61.

DYES AND DYEING—CELLULOSE

Studying the process of dyeing cellulose fibers with active dyes. Report No. 3: Effect of the structure of active dyes on the resistance to saponification of the dye-fiber ether bond. G. E. Krichevskii, F. I. Sadov, N. N. Boiko. Izv. vys. ucheb. zav., tekh. tekst. prom. no. 6:100-107 '61

DYES AND DYEING—LEATHER

Chemicals and synthetic dyes for the industry. G. V. Uvarov. Kozh.-obuv. prom. 3 no. 11 14-17 N '61

New dyes for leather. I. N. Alatyntseva, R. I. Krimker, G. L. Metlik. Kozh.-obuv. prom. 3 no. 11 26-28 N '61

New method of regulating the penetration depth of dye coatings in the refining of leather. K. M. Zarubian, F. V. Mironov, I. A. Morgulis. Kozh.-obuv. prom. 3 no. 12:25-27 D '61

DYES AND DYEING—TEXTILE FIBERS

"Machine dyeing of cotton yarn for multiple color weaving" by D. B. Grinblat. Reviewed by F. I. Sadov. Tekst. prom. 21 no. 5 84 My '61.

DYES AND DYEING—WOOL

Consultation. S. S. Kovner, P. O. Mukatyna. Tekst. prom. 21 no. 5 85-86 My '61.

Dyes for rugs. IA. Isakov. Mest. prom. i khud. promys. 2 no. 7 38 Jl '61

Studying the migration of acid dyes in wool dyeing. M. V. Korchagin. Izv. vys. ucheb. zav., tekh. tekst. prom. no. 6:114-121 '61

DYNAMICS—PROBLEMS, EXERCISES, ETC.

Bat', M. I., G. IU. Dzhanelidze, and A. S. Kel'zon. [Analytic mechanics in exercises and problems] Teoreticheskaia mekhanika v primerakh i zadachakh. Pod red. G. IU. Dzhanelidze. Moskva, Gos. izd-vo fiziko-matem. lit-ry.
Vol. 2 [Dynamics] Dinamika, 1961. 616 p.

DYNAMICS OF A PARTICLE

Movement of charged particles in a uniform magnetic field whose intensity is a linear function of time. V. A. Ankudinov and others. Zhur. tekh. fiz. 32 no. 1 22-29 Ja '62

DYNAMOMETER

Vibratory dynamometers. L. G. Etkin. Izm. tekh. no. 12. 27-30 D '61

DYNAMOS see Electric generators

DYSENTERY

Atypical forms of acute dysentery. I. M. Pruzhanskaia, N. N. Ostrovskii. Sov. med. 25 no. 8:141-143 Ag '61

Auxiliary method for diagnosis of dysentery. IA. A. Ryvkin. Pediatriia 40 no. 12:43-44 D '61

Characteristics of the course of dysentery in recent years in infants. A. G. Avanesova. Pediatriia no. 1. 31-39 '62.

Chemotherapeutic properties of polymyxin M in experimental dysenteriial and typhoid infections in white mice [with summary in English]. L. K. Rubtsova, E. K. Berezina. Antibiotiki 6 no. 6:487-501 Je '61

Differential diagnostic significance of rectoromanoscopy in salmonellosis and dysentery [with summary in English]. M. S. Greshil. Sov. med. 25 no. 6:101-104 Je '61.

Electrophoretic study on proteins and lipoproteids in the blood serum in dysentery [with summary in English]. S. D. Polozhentsev. Sov. med. 25 no. 8:71-76 Ag '61

Influence of cortisone on the therapeutic effect of levomycetin at various stages of experimental infection in connection with hormonal influence on phagocytosis [with summary in English]. V. A. Liashenko. Antibiotiki 6 no. 6:504-507 Je '61.

Treatment of dysentery in children with tetracycline together with a bacteriophage. R. Z. Sherman, O. I. Shevtsova, S. D. Tatarinova. Sov. med. 25 no. 7:91-95 Jl '61

DZERZHYK, KORNEL' VLADYSLAVOVYCH, 1888-

Painter from Bukovina. Maksym Pan'ko. Mystetstvo 8 no. 6:35 N-D '61.

DZHALIL', MUSA, 1906-1944

My path in life. Musa Dzhalil'. Vop. lit. 5 no. 7:150-154 Jl '61.

DZHERMUK—MINERAL WATERS

Treatment of liver diseases at the Armenian spa Dzhermuk [with summary in English]. G. L. Agadzhanian. Terap. arkh. 33 no. 8 81-85 '61.

DZIRULA VALLEY—GEOLOGY, STRATIGRAPHIC

Recent data on the stratigraphy of lower Cretaceous deposits in the peripheral parts of the Dzirula massif. E. V. Kotetishvili. Soob. AN Gruz. SSR 27 no. 4:427-430 O '61.

EAR

State of the ears and the upper respiratory tract in tuberculosis of the lungs ["Otolar. polska," No. 3, 1960]. Zhur. ush., nos. i gorl. bol. 21 no. 4:85 Jl-Ag '61

EAR—DISEASES

Classification of chronic suppurative otitis media. I. I. Potapov. Vest. otorin. no. 6:62-67 '61

Clinical record of the treatment of otogenic sinusthrombosis [with summary in English]. G. M. Starikov. Zhur. ush., nos. i gorl. 21 no. 4:18-21 Jl-Ag '61.

Differential diagnosis of subarachnoidal hemorrhage and otogenic intracranial complications. F. F. Bogatskii. Zhur. ush., nos. i gorl. bol. 21 no. 5 75-77 S-O '61.

Local treatment of chronic suppurative otitis with antibiotics ["Otolar. polska," No. 3, 1960]. Zhur. ush., nos. i gorl. bol. 21 no. 1:86 Jl-Ag '61

Portable amplifier of bioelectric potentials and its diagnostic value in otiatric practice [with summary in English]. E. N. Novik, N. V. Toger. Zhur. ush., nos. i gorl. bol. 21 no. 4:25-27 Jl-Ag '61

Proteins and amino acids in the blood serum of patients with otogenic intracranial complications. I. IU. Isakov, G. A. Feigin. Med. zhur. Uzb. no. 6:15-17 Je '61

Roentgenography of the temporal bones as a method of diagnosing otitis media [with summary in English]. M. D. Emel'ianov. Zhur. ush., nos. i gorl. bol. 21 no. 5 39-40 S-O '61

Specific diseases of the middle ear in tuberculosis. A. Dadamukhamedov. Med. zhur. Uzb. no. 6:64-65 Je '61.

EAR—SURGERY

My method for restoring the sound-conducting system by tissue grafted in the region of the fenestra ovalis, and our experience with stapedectomy in otosclerosis ["Ceskoslov. otolar.," No. 1, 1961]. Zhur. ush., nos. i gorl. bol. 21 no. 4:84 Jl-Ag '61.

Possible ranges in the use of surgery for mobilizing the stapes [with summary in English]. A. I. Kolomiichenko, V. A. Gukovich. Zhur. ush., nos. i gorl. bol. 21 no. 5. 6-12 S-O '61.

Some data on the state of hearing in the ear not operated on after unilateral mobilization of the stapes [with summary in English]. I. I. Vendelovskii. Zhur. ush., nos. i gorl. bol. 21 no. 5 12-16 S-O '61.

EAR—WOUNDS AND INJURIES

Direct injury of the eardrums, middle ear and labyrinth caused by a grass stalk ["Ceskoslov. otolar.," No. 4, 1960]. Zhur. ush., nos. i gorl. bol. 21 no. 1:86-87 Jl-Ag '61.

EARTH—FIGURE

A new derivation of N. K. Migal'a formula determining the figure of the earth. M. I. Maryich. Izv. vys. ucheb. zav., geod. i aerof. no. 1 75-82 '61

Russian studies of the earth's deformations, due to lunar and solar attraction, conducted during 1892-1929. A. E. Medunin. Trudy inst. fiz. zem. i tekh. 13 151-161 '61

EARTH—INTERNAL STRUCTURE

Five steps into the kingdom of Pluto. L. Bobrov. Tekh. mol. 29 no. 12 34-36 '61.

Studying earth tides. N. N. Parfiskii. Vest. AN SSSR 32 no. 1:100-102 Ja '62.

EARTH—ROTATION

Effect of irregularities of the earth's rotation on atmospheric and hydrospheric processes. N. S. Sidorenkov. Probl. Arkt. i Antarkt. no. 9:45-49 '61.

Secular geomagnetic variations, irregularities of the earth's rotation, and radiation zones of the earth. III. D. Kalinin. Geomag. i aer. 1 no. 5 795-802 S-O '61

Secular motions of the earth's mean pole. I. V. Maksimov. Probl. Arkt. i Antarkt. no. 9:83-84 '61.

EARTH—SURFACE see subdivision under Caucasus

EARTH SATELLITES see Artificial satellites

EARTH TEMPERATURE see subdivision under Azerbaijan

EARTHMOVING MACHINERY

Akademiia stroitel'stva i arkhitektury SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. [Temporary instructions NB-61 on operating procedures for cranes and basic earthmoving machines] Vremennye ukazaniia po rezhimam raboty kranov i osnovnykh zemleroinykh mashin N 8-61. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 30 p.

EARTHQUAKES

(see also subdivision under Ukraine)

Akademiia nauk SSSR. Sovet po seismologii. [Earthquakes in the U. S. S. R.] Zemletriasenila v SSSR. Moskva, Izd-vo Akad. nauk SSSR, 1961. 412 p.

Riznichenko, IU. V., ed. [Weak earthquakes] Slabye zemletriasenila. Moskva, Izd-vo inostr. lit-ry, 1961. 533 p.

EARTHQUAKES AND BUILDING

(see also subdivision under Erivan)

Approximate determination of seismic vibrations in very long structures. I. L. Korchinskii. Trudy TSNIISK no. 6:73-90 '61.

Construction of a thin-walled precast reinforced concrete vault for farm buildings in earthquake districts. A. M. Medetbekov. Trudy TSNIISK no. 6:241-250 '61.

EARTHQUAKES AND BUILDING (Continued)

Design of hydraulic structures for earthquake activity Trudy TSNIISK no 6 212-226 '61

Design of railroad engineering structures for earthquake activity. Trudy TSNIISK no 6 190-212 '61.

Design of tanks filled with liquid against the action of a *seismic shock. Trudy TSNIISK no 6 228-238 '61.*

Designing pipelines against the action of earthquake forces Trudy TSNIISK no 6 238-240 '61

Determination of seismic forces on framed structures supporting tanks containing liquid I I Gol'denblat, N. A Nikolaenko. Trudy TSNIISK no 6 39-72 '61

Distribution of seismic load among the walls of a building with a rigid framework IA M. Aizenberg Trudy TSNIISK no 6 134-143 '61

Earthquake-resistant properties of buildings made of large blocks of coarse-pored concrete V A Voronkov. Trudy TSNIISK no 6 154-161 '61.

Elements of earthquakeproof industrial buildings with mounted panel walls M. G Korf, V. L Den'shchikov Trudy TSNIISK no 6 144-153 '61.

Seismic loads in a system with two degrees of freedom M. T Urazbaev, IU R. Leiderman, V. I Sharafutdinov *Izv AN Uz SSR Ser tekh nauk no. 1 32-40 '61.*

Stress determination in joints of large-panel apartment houses under earthquake activity. A I Brusilovskii Trudy TSNIISK no. 6 165-188 '61.

EARTHWORK

(see also subdivision Fergana, Kremenchug Hydroelectric Power Station)

Akademiia stroitel'stva i arkhitektury SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. [Standard technological charts for hydraulic working, transporting, and filling of soil] Tipovye tekhnologicheskie karty po gidromekhanizirovannoi razrabotke, transportirovaniiu i ukladke grunta v sooruzheniia. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 37 p.

EAST (NEAR EAST) see Near East

EAST (SOVIET FAR EAST) see Soviet Far East

EAST EUROPEAN PLAIN—GEOLOGY, STRUCTURAL

Meshcheriakov, IU A. [Recent tectonic movements and erosive-accumulative processes in the northwestern part of the East-European Plain] Molodye tektonicheskie dvizheniia i erozionno-akkumuliativnye protsessy severo-zapadnoi chasti Russkoi ravniny Moskva, Izd-vo Akad. nauk SSSR, 1961. 86 p.

EAST GERMANY see Germany, East

EASTERN EUROPE see Europe, Eastern

EASTERN SIBERIA see Siberia, Eastern

EBERTHELLA TYPHOSA

Antigenic, immunogenic, and toxic properties of typhoid bacteria resistant to levomycetin [with summary in English]. A. M. Gnetnev. Antibiotiki 6 no 6:517-521 Je '61.

Data demonstrating the antigenic relationship between Salmonella *typhi and human leucocytes* [with summary in English] V Kh. Vylchanov, R. Popivanov Biul eksp. biol. i med. 52 no 10 89-92 O '61.

ECHO

"Echoes of bats and men" by Donald R. Griffin. Reviewed by IU. M. Zatesskii Priroda 51 no 1:120 Ja '62.

ECLIPSES, SOLAR—1961

Observations on atmospheric ozone during the solar eclipse of Feb. 15, 1961. R S. Stebleva. Geomag. i aer. 1 no. 5:838-839 S-O '61.

Preliminary results of observations on the ionospheric effect of the solar eclipse of Feb. 15, 1961. V. M Shashun'kina, R. L Turbin. Geomag. i aer. 1 no. 5 835-838 S-O '61.

ECONOMIC ASSISTANCE

Kizchenko, A. F. [U. S. S. R. aid to underdeveloped countries] Dopomoha SRSR slaborozvynutym krainam. *Kyiv, 1961.* 47 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi SRS. Ser. 4, no. 11)

"Underdeveloped countries in the world-wide capitalist economy" by V. Rymalov Reviewed by A. Shapiro. Mezhdunar. zhizn' 9 no 2:140-143 F '62.

ECONOMIC ASSISTANCE, AMERICAN see subdivision under Latin America

ECONOMIC ASSISTANCE, ISRAELI

New role for Israel. A. Kostrov. Nov. vrem. 20 no. 9: 23-24 F '62.

ECONOMIC GEOLOGY see Geology, Economic

ECONOMIC HISTORY

A new stage in the development of the world system of socialism. A. Asanov. Part. zhizn' Kazakh. no. 11:50-56 N '61.

ECONOMIC RESEARCH

(see also subdivision under Communist Countries; Ukraine)

Coordination of economic research. N. Linkun, A. Sokolovskii. Vop. ekon. no. 2:155-160 F '62.

Research conducted by the economics departments of institutions of higher learning K. Bobkov. Vop. ekon. no. 2:150-155 F '62.

ECONOMIC ZONING

"Characteristics and factors of distributing the branches of the national economy of the U. S. S. R." Reviewed by A Danilov Vop. ekon. no 1:135-136 Ja '62.

ECONOMICS

(see also subdivision under Armenia; Georgia)

Capitalist economy; results and prospects. E. Menzhinskii. *Nov. vrem. 20 no. 7:3-7 F '62.*

Drab stagnation, naivete, and justice. Nov. vrem. 20 no 6:19 F '62.

Fundamental problems in the methodology of converting the gross national product and national income into prices approximating costs. A. I. Anchishkin, B P. Plyshevskii. Och. po sovr. nov. i zarub. ekon. no. 1 3-30 '60.

Krugovoi, T. P. [Subject and method of economics; textbook for correspondence school students] Predmet i metod politicheskoi ekonomii, uchebnoe posobie dlia studentov zaochnogo fakul'teta Khar'kov, Izd-vo Khar'kovskogo gos. univ im A. M. Gor'kogo, 1960. 40 p.

"Manifesto" in defense of capitalism. V. I. Ugrimov. Nauch. dokl. vys shkoly; filos. nauki 4 no 3:78-83 '61.

Moscow. Akademiia obshchestvennykh nauk. [Problems *in the economics of socialism] Voprosy politicheskoi* ekonomii sotsializma; diskussiia Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1961. 406 p

On the basic economic law. M. Atlas and others. Vop. ekon. no. 1:39-52 Ja '62

Problems in the theory of the reproduction of the means of production. A. Bechin. Vop ekon. no. 2:121-131 F '62.

Putting Lenin's theory of the preferential growth of the production of the means of production under socialism into practice. L. M. Kopelev. Sbor nauch. rab kaf polit. ekon. vuzov g. Khar. no. 3: 31-42 '60.

V. I. Lenin on commodity production during the period of transition from capitalism to socialism. N. M Krivokhatskii. Sbor. nauch. rab. kaf. polit. ekon. vuzov g. Khar no. 3.151-161 '60.

ECONOMICS—BIBLIOGRAPHY see Bibliography—Economics

ECONOMICS—DICTIONARIES

Nurm, E., E. Raiel, and M. Kindlam, comps. [Dictionary of political and economic terminology] Poliitika ja majanduse oskussonastik. Tallinn, Eesti Riiklik Kirjastus, 1955. 361 p.

ECONOMICS—PERIODICALS

Readers' conference in Alma-Ata. Plan. khoz. 39 no. 2: 95-96 F '62.

ECONOMICS—STUDY AND TEACHING

The basic meaning of propaganda work. I. Rumiantsev. Komm. Bel. 35 no. 7:41-42 Jl '61.

"Belle-lettres in teaching economics" by I. A. Voznesenskii. Reviewed by IU. Shtrinev. Vop ekon. no. 2: 146-149 F '62.

"Belles-lettres in teaching political economy" by I. A. Voznesenskii. Reviewed by B. L. Dratver. Sred. spets. obr. 6 no. 1:57-58 Ja '62

Everybody should study economics. A. Sokolovskii. Komm. Bel. 35 no. 7:49-50 Jl '61

Improving the structure of a course on the economics of socialism P. Pavlov and others. Vop. ekon. no. 2. 46-57 F '62.

"Methodological instructions for the study of political economy." Reviewed by A. P. Shvetsov. Vest. vys. shkoly 20 no. 1:93-95 Ja '62

ECONOMICS, MATHEMATICAL

Bourgeois econometric models. V. Shilapentokh. Mir. ekon. i mezhdunar. otn. no. 1:83-94 Ja '62

Mathematical analysis of macroeconomics. V. S. Nemchinov. Vest AN SSSR 32 no. 1:113-116 Ja '62.

Mathematical methods in economic research. B. Gnedenko. Ekon. Sov. Ukr. no. 4:74-81 Jl-Ag '60.

Matrix model of the production plan of a machinery *manufacturing enterprise.* A. Modin. Vop. ekon. no. 1: 103-114 Ja '62.

The nature of the coefficients of total expenditures and their characteristics; on the significance of the interbranch balance of production and consumption. V. P. *Zhivut, A. I. Kitaskii.* Och. po sovr. nov. i zarub. ekon. no. 1:31-58 '60.

Nauchnoe soveshchanie o primenenii matematicheskikh metodov v ekonomicheskikh issledovaniiakh i planirovanii, 1960. [Works of the Scientific Conference on the Use of Mathematical Methods in Economic Planning and Research] Trudy. Moskva, Izd-vo Akad. nauk SSSR, Vol. 4. [Linear programming] Lineinoe programmirovanie, 1961, 126 p.

Nemchinov, V. S., ed. [Use of mathematics in economic research] Primenenie matematiki v ekonomicheskikh issledovaniiakh. Moskva, Izd-vo sotsial'no-ekon. lit-ry.
Vol. 2. 1961. 534 p.

Possibilities of automating the management of the national economy. A. I. Berg, A. I. Kitov, A. A. Liapunov Probl. kib. no. 6:63-100 '61

Some quantitative relations in the scheme of reproduct V. Nemchinov. Vop ekon. no 2:100-113 F '62

ECONOMICS, MATHEMATICAL—CONGRESSES

Conference on the problems of applying mathematical methods in economics Vop ekon. no. 1:115-121 Ja '62.

ECUADOR—POLITICS AND GOVERNMENT

Defeat of the oligarchic system in Ecuador. B. IAroshevskii. Mir. ekon. i mezhdunar. otn. no 1:111-113 Ja '62

ECZEMA

Changes in cutaneous and vascular reactions in chronic eczema at the "Kemeri" health resort [with summary in English]. P IA. IAkobson. Vest. derm. i ven. 35 no 12:33-37 D '61.

Effect of Matsesta baths on the thermoregulatory reflex in patients with eczema [with summary in English]. I I Pototskii, L. P. Smirnova. Vest derm. i ven. 35 no. 12 37-42 D '61.

Pathogenesis and treatment of eczema and neurodermatitis in children [with summary in English]. M. A. Rozental and others Vest derm. i ven. 35 no. 12 3 D '61.

Treatment of eczemas with a preparation containing vitamin B complex, dimedrol and novocaine ("VDN-6" [with summary in English]. V A. Dobrotvorinev. Sov med. 25 no. 8:113-118 Ag '61.

EDEMA

Antiedematous action of certain medicinal preparations in aseptic inflammation [with summary in English]. B. A. Chirkov. Farm. i toks. 24 no. 3:315-318 My-Je '61.

Electrocardiographic changes in angioneurotic edema. V. B Usman Klin. med. no. 1 142-144 '62.

Treating traumatic edema of the brain with novocaine. A. D. Gagulashvili, V. R. Maisuia. Soob. AN Gruz. *SSR 27 no. 1 101-106 O '61.*

Two cases of laryngeal edema requiring tracheotomy after intubation anesthesia I. K. Rochegov, V. I. Zak Vest. khir. no. 1:128-129 '62.

Use of polyglucin in the treatment of edema [with summary in English] A. A Bagdaunrov and others. Klin. med. no. 1,91-94 '62.

EDDY ELECTRIC CURRENTS see Electric currents, Eddy

EDUCATION

(see also subdivision under Bukhara; Finland; Ghana, Novosibirsk Province; Ossetia, North; Rumania; Ukraine; White Russia)

Bornshtein, M. S. [Schools and pedagogics in capitalist countries] Shkola i pedagogika v kapitalisticheskikh stranakh. Moskva, Izd-vo "Znanie," 1961. 37 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 11, Pedagogika, no. 22)

[Brederson's dreams and Soviet reality] Mechty Brederssona i sovetskaia deistvitel'nost'. [Moskva, Izd-vo "Molodaia gvardiia," 1961] 16 p.

Communist education and the all-round development of personality; from Comrade N. S. Khrushchev's speech "on the program of the CPSU" at the 22d Congress of the CPSU. Sem'ia i shkola 10 no. 12:1-3 D '61.

Congress of the builders of communism. Geog. v shkole 25 no. 1:2-4 Ja-F '62

Cultivate man in him
5 no. 7:82-87 Jl

Filippova, L. V., and V. V. Filippov. [There are no miracles] Chudes ne byvaet. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1961. 70 p.

Goncharov, N. K. [Program of the CPSU in the field of education] Programma KPSS v oblasti narodnogo obrazovaniia. Moskva, Izd-vo "Znanie," 1961. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 11, Pedagogika, no. 24)

In the Ministry of Education of the R. S. F. S. R. Doshk. vosp. 36 no. 1:3-6 Ja '62.

Let's look into tomorrow... Rad. shk. 40 no. 1:19-22 Ja '62.

News of brief. Nar. obr. no. 1 103 Ja '62.

School and life. Nar. obr. no. 1.39 Ja '62.

Schools of the bright future. IUrii Zhanatskyi, O. Mazurkevych. Rad. shk. 40 no. 1:22-24 Ja '62.

Training teachers with a thorough knowledge of the history of higher pedagogical education. K. I. Vasil'ev. Uch. zap. Ped. inst. Gertz. 201:50-78 '61.

EDUCATION—BIBLIOGRAPHY see Bibliography—Education

EDUCATION—PERIODICALS

(see also subdivision under Severskaya District)

Read it in the periodicals. Nar. obr. no. 1:120 Ja '62.

EDUCATION—STUDY AND TEACHING

Teaching the history of pedagogics. G. S. Prozorov. Uch. zap ed. inst Gerts. 201:45-52 '61.

EDUCATION, AGRICULTURAL see Agricultural education

EDUCATION, COMPULSORY

Law of compulsory education in operation. L. Tracheva. Nar. obr. no. 1 13-15 Ja '62.

EDUCATION, COOPERATIVE

(see also subdivision under Kherson Province, Kuybyshev Province, Leningrad, Moscow, Sverdlovsk)

Akademiia pedagogicheskikh nauk RSFSR, Moscow. Institut teorii i istorii pedagogiki. [Educational work of students of grades 9-11] Vospitatel'naia rabota s uchashchimisia IX-XI klassov, posobie dlia klassnykh rukovoditelei, uchitelei i direktorov srednikh obshcheobrazovatel'nykh trudovykh politekhnicheskikh shkol s proizvodstvennym obucheniem. Pod red. I. S. Mar'enko. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1961. 262 p.

Connection between the study of English language and industrial training. N. I. Ekht. Inostr. iaz. v shkole no. 1 125-128 Ja-F '62.

"Educating for the future" by Bogdan Suchodolski. Reviewed by V. Smal'. Rad. shk. 40 no. 1 31-32 Ja '62.

In a progressive district. A. Demintsev. Nar. obr. no. 1 21-30 Ja '62.

Organizing the educational process during the period of students work in industry. A. A. Pigulevskii. Sred. spets. obr. 9 no. 1 24-30 Ja '62.

Pedagogical lectures. S. F. Zhuravlev. Sred. spets. obr. 9 no. 1:62 Ja '62.

Systems of production training. A. Fishelev. Prof.-tekh. obr. 19 no. 1 13-16 Ja '62.

Technical trend in the industrial training of students. P. Atutov. Nar. obr. no. 1 65-71 Ja '62.

Workers and students are good friends. A. Popov. Komsom. zhizn' no. 11 28-29 Jl '61.

EDUCATION, DISTRIBUTIVE see Distributive education

EDUCATION, ELEMENTARY

The six-year old learns to read and write. T. Tikhonova. Doshk. vosp. 35 no. 1, 39-40 Ja '62.

EDUCATION, HIGHER see subdivision under Uzbekistan

EDUCATION, PRESCHOOL

(see also subdivision under Aktyubinsk, Chechen-Ingush A. S. S. R., Kharkov Province, Petropavlovsk District, Uzbekistan)

Decisions of the 22d Congress of the CPSU and tasks of preschool personnel. P. Myrgorods'kyi. Doshk. vykh. 23 no. 2:1-6 F '62.

[Development and training of small children] Razvitie i vospitanie rebenka rannego vozrasta. [By] A. I. Amel'kina i dr. Moskva, Medgiz, 1960. 108 p. (Biblioteka srednego medrabotnika)

Genesis of writing at preschool age (with summary in English). E. D. Kezheradze. Vop. psikhol. 7 no. 5 99-108 S-O '61.

Importance and basic principles for conducting exercises with small children. N. Aksarina. Doshk. vykh. 23 no. 2, 7-14 F '62.

It should be a man with a beautiful soul. K. Taits. Doshk. vosp. 35 no. 1:13-14 Ja '62.

Let's talk about the main thing. Doshk. vosp. 35 no. 1: 7 Ja '62.

Program of the party is our guide. L. Bogomolova and others. Doshk. vykh. 23 no. 1, 1-9 Ja '62.

Public inspection. V. Z. Shutilina. Doshk. vosp. 35 no. 1, 17-19 Ja '62.

This is very important. V. Blazhenov. Doshk. vosp. 35 no. 1, 10-13 Ja '62.

EDUCATION, RURAL see subdivision under Mongolia

EDUCATION, TECHNICAL see Technical education

EDUCATION, VOCATIONAL see Vocational education

EDUCATION OF CHILDREN

Akademiia pedagogicheskikh nauk RSFSR, Moscow. Institut teorii i istorii pedagogiki. [Educational work with grade 5-8 students, manual for class advisers, teachers and principals of the eight-year and secondary schools] Vospitatel'naia rabota s uchashchimisia V-VIII klassov, posobie dlia klassnykh rukovoditelei, uchitelei i direktorov vos'miletnikh i srednikh shkol. Pod red. N. I. Monakhova, V. I. Bol'shakova. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1961. 204 p.

EDUCATION OF WOMEN

Why shouldn't they study? Emilienne Brunfaut. Zhen. mira no. 5:15-16 '61.

EDUCATIONAL PSYCHOLOGY

Attitude of pupils to study and work [with summary in English]. D. G. Rebizov. Vop. psikhol. 7 no. 6:19-26 N-D '61.

Zaporozhets, A. V. [Psychology; a textbook for normal schools training preschool teachers] Psikhologiia, uchebnik dlia doshkol'nykh pedagogicheskikh uchilishch. Izd. 2. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 227 p.

EDUCATIONAL RESEARCH

(see also subdivision under Luganak Province, Novgorod Province)

Experiment in didactic research. V. I. Pomagaiba. Rad. shk. 40 no. 1 34-38 Ja '62.

Graduation projects, from the experience of the Department of Elementary Education. N. G. Kushkov. Uch. zap. Ped. inst. Gerts. 201:123-134 '61.

Graduation projects in a pedagogical institute. N. A. Sorokin. Uch. zap. Ped. inst. Gerts. 201:111-121 '61.

Reorganization of research in pedagogical institutions of higher learning. N. G. Kushkov. Uch. zap. Ped. inst. Gerts. 201:53-57 '61.

Student scholarly society at a new stage. V. A. Lir. Uch. zap. Ped. inst. Gerts. 201 135-151 '61.

EFFEL, JEAN, 1908-

Jean Effel sketches. Vitalii Goriaev. Kult. i zhizn' 5 no. 8, 45-46 '61.

EFFICIENCY, INDUSTRIAL

(see also subdivision under Armenia, Gorkiy Province, Minsk)

Economic foundation of communist labor. A. Arakelian. Kommunist 38 no. 3, 47-56 F '62.

Ilnatchenko, V. P. [Indispensable principle of socialism] Neporushnyi pryntsyp sotsializmu. [Kharkiv] Khar-kivs'ke knyzhkove vyd-vo, 1961. 41 p. (Bibliotechka propagandysta)

Let's propagate and make greater use of progressive work practices. V. Stepanov. Kommunist 38 no. 3: 57-66 F '62.

Made in the volunteers' laboratory. E. Shorin. Komsom. zhizn' no. 14 8-9 Jl '61.

Practice of the party committee at the Zaporozhstal' Metallurgical Plant in organizing the introduction of the most recent achievements of science, technology, and progressive work practices. Part. zhizn' no. 3 30-33 F '62.

Today, the achievement of an innovator, tomorrow, the achievement of a collective. G. Vetrova, A. Polushkin. Polit. samoobr. 5 no. 7 96-99 Jl '61.

EFIMOV, IVAN SEMENOVICH, 1878-1959

Joyous talent. V. Matafonov. Neva no. 7:208-211 '61.

EGYPT—ELECTRIC POWER PRODUCTION

Development of the power industry in the southern part of the United Arab Republic. Dzh. A. Rahmbekov. Krat. soob. Inst. nar. Azii no. 45 152-156 '61.

EGYPT—FOREIGN RELATIONS—BYZANTINE EMPIRE

Greek document from a Mameluke sultan to a Byzantine emperor. D. Moravchik. Viz. vrem. 18:105-115 '61.

EGYPT—POLITICS AND GOVERNMENT

The first Egyptian Constitution, 1879. O. V. Bogushevich. Krat. soob. Inst. nar. Azii no. 45 122-128 '61.

EGYPTIAN LANGUAGE—WRITING, HIEROGLYPHIC

Reflections of "Khakhaper reseneb." M. A. Korostovtsev. Krat. soob. Inst. nar. Azii no. 57:41-45 '61.

EISENSTEIN, SERGEI MIKHAILOVICH, 1898-1948

Archives of S. M. Eisenstein. IU. A. Krasovskii. Iz. ist. kino 4:120-136 '61.

EL SALVADOR—ORE DRESSING

New copper-molybdenum ore dressing plant in El Salvador [from "Mining Congress," no. 11, 1960, "The Mining Guidebook," June, 1959]. N. V. Zashikhin. Obog. rud. 6 no. 5 49-53 '61.

ELASTIC FABRICS

Manufacture of elastic bands on the "Vertelka" locknit warp knitter. V. A. Ivanov, A. G. Bachurina. Tekst. prom. 21 no. 5 64-65 My '61.

ELASTIC PLATES AND SHELLS

Boundary effect in a uniformly loaded plate. IU. A. Chernukha. Nauch. zap. IMA AN URSR. Ser. mashinoved. 7 no. 7:99-95 '61.

Calculation of double-curvature plates by V. Z. Vlasov's variation method. B. N. Bastatskii. Soob. AN Gruz. SSR 27 no. 4:431-438 O '61.

Investigating longitudinal-lateral bending. M. IA. Leonov, IU. A. Chernukha. Nauch. zap. IMA. AN URSR Ser. mashinoved. 7 no. 7:85-89 '61.

Investigating the characteristic question corresponding to the resolving equation of a cylindrical shell. S. IA. IArema. Nauch. zap IMA AN URSR. Ser. mashinoved. 7 no. 7:110-118 '61.

Nonsteady temperature problems of an orthotropic plate. S. A. Ambartsumian, S. M. Durgar'ian. Dokl. AN Arm. SSR 33 no. 4:145-149 '61.

Theory of soundproofing layered enclosing elements from noise transmitted by air. V. I. Zaborov. Izv. ASiA no. 2:94-104 '61.

ELASTIC RODS AND WIRES

Determining the frequency of free vibrations of material rods with elastically fixed ends. E. A. Sekhniashvili. Soob. AN Gruz SSR 27 no. 5:567-571 N '61.

Elastic plastic torsion of thin-walled rods with a closed profile. N. IU. Shvaiko. Nauch. zap. IMA AN URSR. Ser. mashinoved. 7 no. 7 72-80 '61.

Flexure of a U-bar having a thin reinforcing coating. P. O. Galfaian. Izv. AN Arm. SSR Ser. fiz.-mat. nauk 14 no. 6 65-75 '61.

Some problems of the torsion of shafts of varying cross section with mixed boundary conditions. A. A. Babloian, V. S. Tonoian. Izv. AN Arm. SSR Ser. fiz.-mat. nauk 14 no. 6 49-67 '61.

Survey of the development of the theory of the stability of elastic rod equilibrium. L. M. Zorii, M. IA. Leonov. Nauch. zap. IMA AN URSR. Ser. mashinoved. 7 no. 7: 119-126 '61.

ELASTIC SOLIDS—VIBRATION

Vibrations of a system with one degree of freedom subjected to the action of an attenuating perturbing force. M. IA. Leonov, L. M. Zorii, V. D. Vasil'ev. Nauch. zap. IMA AN URSR. Ser. mashinoved. 7 no. 7: 142-147 '61.

ELASTICITY

Approximate solution of the second fundamental boundary problem of the plane theory of elasticity for near regions. L. S. Kiknadze. Soob. AN Gruz. SSR 27 no. 5: 521-528 N '61.

Calculation of the settling of a single pile on the basis of the theory of elasticity. E. P. Sivtsova. [Trudy] NIOSP no. 45 5-15 '61.

Contact problem of the theory of elasticity in the case of a circular contact area. G. IA. Popov. Prikl. mat. i mekh. 26 no. 1:152-164 Ja-F '62.

Elasticity moduli for crystals of the wurtzite type. V. A. Zhdanov, I. A. Bryaneva. Izv. vys. ucheb. zav., fiz. no. 6 95-103 '61.

Free perfectly elastic oscillating systems. V. M. Starzhinskii. Prikl. mat. i mekh. 26 no. 1:177-181 Ja-F '62.

Fundamental solutions to systems of equations in the theory of elasticity. D. Muntianov. Izv. vys. ucheb. zav., mat. no. 1, 109-117 '62.

One form of solving axially symmetric space problems in the theory of elasticity by means of functions of complex variables and the solution of these problems for a sphere. A. IA. Aleksandrov, IU. I. Solov'ev. Prikl. mat. i mekh. 26 no. 1:130-115 Ja-F '62.

Radial distribution of stresses in a wedge and a semi-plane with a variable modulus of elasticity. S. G. Lekhnitskii. Prikl. mat. i mekh. 26 no. 1:146-151 Ja-F '62.

Segal', A. I. [Applied theory of elasticity] Prikladnaia teoriia uprugosti. Izd. 2., dop. i ispr. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1961. 267 p.

Variational methods in the nonlinear theory of elasticity. I. F. Teregulov. Dokl. AN SSSR 142 no. 3 568-571 Ja '62.

Variational theorem in the nonlinear theory of elasticity. I. G. Teregulov. Prikl. mat. i mekh. 26 no. 1:160-171 Ja-F '62.

ELASTICITY—ELECTROMECHANICAL ANALOGIES

Use of electric simulating machines and electronic digital computers in the construction of conforming representation functions. I. I. Serebrennikova. Izv. vys. ucheb. zav., elektromekh. 4 no. 12:3-12 '61.

ELBOW—DISEASES

Occupational epicondylitis of the arm [with summary in English]. N. S. Tolstopiatova. Vest. rent. i rad. 36 no. 5 16-51 S-O '61.

ELECTION LAW see subdivision under Japan

ELECTIONS

(see also subdivision under Estonia, Great Britain)

Elections to the Supreme Soviet of the U. S. S. R. Komm. Vooruzh. Sil 2 no. 3 34-35 F '62.

Librarian's honorable duty. Bibliotekar' no. 2:1-3 F '62.

The party appeals to the Soviet people. Kommunist 38 no. 3:3-5 F '62.

Well-tried union. Nov. vrem. 20 no. 8:1-2 F '62.

ELECTRIC ALARMS

Comprehensive electronic alarm systems for the protection of industrial buildings [from "Electrical Engineering," No. 1, 1960]. IA. E. Vol'fkovich. Prom. energ. 16 no. 6:45-46 Je '61.

ELECTRIC APPARATUS AND APPLIANCES

Electricity enters our lives. IA. Chervonenkis. Zhil.-kom. khoz. 11 no. 10 12-13 O '61.

In factories. Prom. energ. 15 no. 8:50 Ag '60.

ELECTRIC APPARATUS AND APPLIANCES—SAFETY MEASURES

Explosion hazardous medium in Class V-1b premises. I. IA. Pikman. Prom. energ. 16 no. 6:37-38 Je '61.

New explosionproof electric equipment. IU. Ribas, P. Filimonov. Porh. delo 6 no. 1:11-12 Ja '62.

ELECTRIC APPARATUS AND APPLIANCES—STANDARDS

[Electrical equipment] Elektricheskie apparaty. Izd. ofitsial'noe. Moskva, Gos. izd-vo standartov, 1961. 205 p. (Gosudarstvennye standarty SSSR)

ELECTRIC ARC

Arc extinction in an air blast chamber. N. Z. Aronzon. Zhur. tekh. fiz. 32 no. 1 76-88 Ja '62

Concerning the near-cathode effect in an a.c. arc. L.S. Taev. Vest. elektroprom. 31 no. 10, 48-55 O '60.

ELECTRIC BATTERIES

Use of carbonized calcium metasilicate in the production of dry voltaic cells. M. G. Manvelian and others. Zhur. prikl. khim. 34 no. 11 2455-2459 N '61.

ELECTRIC BRUSHES see Brushes, Electric

ELECTRIC CABLES

Concerning T. P. Musatov's article "Saving of control cables." A. N. Verb, A. B. Rabinovich, I. R. Raubas. Elek. sta. 32 no. 12:96 D '61

"Excavating machinery cables" by A. V. Linkov. Reviewed by G. K. TSverava. Prom. energ. 15 no. 7 61-62 Jl '60

Revocation of the decision No. E-16/60 dated July 2, 1960 by the All-Union Association of the Main Power Administration on "Distances between the supporting structures in cabling operations." Elek. sta. 32 no. 12:88 D '61.

ELECTRIC CABLES—TABLES, CALCULATIONS, ETC.

Tables of permissible long-term loads in power cables with saturated paper insulation. Prom. energ. 15 no. 7:63-64 Jl '60.

ELECTRIC CHARGE AND DISTRIBUTION

Anodic critical current densities in electrolytes: NaCl, KCl, NaCl - $CaCl_2$, and NaCl - $BaCl_2$ - $CaCl_2$. S. A. Zaretskii, V. B. Busses-Machukas, A. A. Karakhanov. Zhur. prikl. khim. 34 no. 11 2478-2482 N '61.

Formation of band-shaped convergent beams of charged particles of high current density. V. P. Ignatenko. Zhur. tekh. fiz. 32 no. 1, 63-68 Ja '62

ELECTRIC CIRCUITS

Expansion of the spark discharge channel under the action of a sharply rising current in the discharge circuit. S. I. Andreev, M. P. Vanikov, A. B. Komolov. Zhur. tekh. fiz. 32 no. 1 57-62 Ja '62.

Simplified method for the synthesis of circuits with step-by-step switches [with summary in English]. V. D. Urin. Avtom. i telem. 23 no. 1:52-56 Ja '62.

ELECTRIC COILS

Reaction of the external medium on a coil under the action of a variable current. V. S. Semenov. Izv. vys. ucheb. zav., fiz. no. 6:104-108 '61

ELECTRIC CONDUCTIVITY

Effect of the mutual entrainment of electrons and phonons on the transverse electroconductivity in a high magnetic field [with summary in English]. L. E. Gurevich, A. L. Efros. Zhur. eksp. i teor. fiz. 41 no. 6:1978-1985 D '61.

ELECTRIC CONDUCTORS

Checking of electrodynamically stable apparatus and current conducting parts for the thermal effect of short-circuit currents. K. K. Riazantsev. Elek. sta. 32 no. 12:25-27 D '61.

ELECTRIC CONTROLLERS

Control units with regulating automatic systems and measuring devices. Prom. energ. 15 no. 8:55 Ag '60.

Dobrolubov, A. I. [Improving the performance of hydraulic electric control devices of machine tools, detection and elimination of defects] Metody povysheniia eksploatatsionnykh kachestv gidroelektroavtomatiki stankov; naidkozhdenie i ustranenie nepravnostei. Minsk, Gos. izd-vo BSSR, Red. nauchno-tekhn. lit-ry, 1961. 156 p.

Innovations in the automatic control of a rotary excavator. A. L. Prots, V. IU. Chudnovskii. Bezop. truda v prom. 5 no. 12:20 D '61.

New active-control devices. I. I. Sviatnyi. Stan. i instr. 33 no. 2:43-44 F '62.

ELECTRIC CRANES

(see also subdivision under Canada)

Change of the electric network of single-beam traveling cranes. N. S. Sidoruk. Prom. energ. 15 no. 7 26-27 Jl '60.

Increasing the safety of the operation of a girder type bridge crane controlled from the plant floor. A. B. Shtenger. Prom. energ. 16 no. 7:27-28 Jl '61.

Obtaining a low (landing) velocity of the mechanisms of a.c. electric cranes with hydroelectric drive. B. A. Levin. Prom. energ. 16 no. 7:15-17 Jl '61.

ELECTRIC CURRENT CONVERTERS

Problem concerning the external characteristic of an inverter. A. V. Baev. Energ. sbor. no. 2:110-128 '59.

ELECTRIC CURRENT RECTIFIERS

Effect of thermal treatment and aging on the width of the impurity zone in the semiconductor coating of cuprous oxide rectifiers. V. I. Kuznetsov, M. I. Shchevelev. Izv. vys. ucheb. zav.; fiz. no. 6 145-149 '61

First compensating mercury rectifier device and its operation. I. M. Chizhenko and others. Prom. energ. 15 no. 8:26-27 Ag '60.

Series K a.c. electric locomotive with silicon rectifiers. I. P. Il'in. Elek. i tepl. tiaga 6 no. 1:32-37 Ja '62.

Setting up a parallel operation of rectifier units. N. A. Karsh, I. G. Vanil'ev. Elek. i tepl. tiaga 6 no. 1:9-10 Ja '62

Small size 10 to 200 k.w. rectifier system. G. I. Kitaev. Prom. energ. 16 no. 7:9-14 Jl '61.

Universal rectifier for welding apparatus with a wide range of voltage and current regulation. B. A. D'iachkov, M. I. Zaks, A. L. Ryvkin. Vest. elektroprom. 31 no. 10 36-41 O '60.

ELECTRIC CURRENTS

Role of the concept of convection current in the development of physics. V. M. Dukov. Trudy inst. ist. est. i tekh. 43 :112-139 '61

ELECTRIC CURRENTS—GROUNDING

Discussion of N. P. Katigrob's article "Vertical grounding devices." M. A. Semenov. Prom energ. 16 no. 6:41-42 Je '61.

Equipment ground and system neutral ground in electric networks carrying voltages up to 1000 volts. M. R. Naifel'd. Energetik 9 no. 12:31 D '61.

ELECTRIC CURRENTS, ALTERNATING

Fields of high frequency current application in industrial enterprises (from "Power," No. 12, 1959). IA. E. Vol'f-kovich. Prom energ. 16 no. 6:42-43 Je '61.

ELECTRIC CURRENTS, ALTERNATING—MEASUREMENT

Concerning the measurement of the r.m.s. value of the current of electric motors. S. D. Levintov, G. V. Suvorov. Prom. energ. 15 no. 7 21-26 Jl '60.

ELECTRIC CURRENTS, EDDY

Study of vagrant currents from an electrified railroad and the nature of their attenuation in the Southern Ural area. I. V. Kovalevskii and others. Geomag. i aer. 1 no. 5:825-829 S-O '61

ELECTRIC CUTOUTS

Analysis of the blocking action of electric cutouts with PS-10 drives. V. I. Kasnel', P. M. Prokubovskii. Prom. energ. 15 no. 7 16-17 Jl '60.

Defects in the clamps of air switches. V. A. Komarov. Energetik 9 no. 12:22-23 D '61.

ELECTRIC DIPOLE MOMENTS see Dipole moments

ELECTRIC DISCHARGES

Effect of a constant electric field on the initiation of an impulse microwave discharge in a gas. S. M. Levitskii, V. S. Gvozdetskii. Radiotekh. i elektron. 7 no. 1: 133-141 Ja '62.

Expansion of the spark discharge channel under the action of a sharply rising current in the discharge circuit. S. I. Andreev, M. P. Vanikov, A. B. Komolov. Zhur. tekh. fiz. 32 no. 1 57-62 Ja '62

Recovery of a two-electrode gap after the passage of a glow-discharge. F. M. IAblonskii. Radiotekh. i elektron. 7 no. 1:142-152 Ja '62.

ELECTRIC DISCHARGES THROUGH GASES

Instability of a positive column in a short discharge tube within a longitudinal magnetic field. A. V. Timofeev. Zhur. tekh. fiz. 31 no. 12:1420-1425 D '61.

Kinetics and mechanism of ozone synthesis in an electrical discharge. V. G. Samoilovich, IU. V. Filippov. Vest. Mosk. un. Ser. 2, Khim. 17 no. 1:44-49 Ja-F '62.

Propagation of a superhigh-frequency discharge along a line coaxial with the inner gas-discharge conductor. M. IA. Mandel'shtam. Zhur. tekh. fiz. 32 no. 1:48-58 Ja '62.

Toroidal discharge in a gas under high pressure. Atom. energ. 12 no. 2:164-167 F '62

ELECTRIC DRIVING

(see also subdivision under Kazakhstan)

Control units with regulating automatic systems and measuring devices. Prom. energ. 15 no. 8:55 Ag '60.

Use of a mathematical simulation method for constructing the load diagram of the asynchronous drive of a machine with crank mechanisms. A. T. Shapovalov. Trudy CHIMESKH no. 12:153-159 '61.

ELECTRIC ENGINEERING

Electric power supply of the construction site. N. N. Gamon. Energ. stroi. no. 23:107-114 '61.

[Electrician's handbook] Spravochnik elektromontera. Pod red. A. D. Smirnova i P. F. Solov'eva. Moskva, Gos. energ. izd-vo.

No. 3. Kuznetsov, P. V. [Installation of distribution devices with voltages up to 35 kv.] Montazh raspredelitel'nykh ustroistv napriazheniem do 35 kv. 1957. 272 p.

Hollmann, R., ed. [General electric engineering] Uldine elektrotekhnika. [By] H. Kaup i dr. Tallinn, Eesti Riiklik Kirjastus, 1954. 948 p.

New books. Tyl. i snab. Sov. Voor. Sil 21 no. 11:95 N '61.

Through the pages of trade journals. Energetik 9 no. 12: 32 D '61.

Through the pages of trade journals. Prom. energ. 15 no. 7 62 Jl '60.

ELECTRIC ENGINEERING—ABSTRACTS

[Electrical engineering] Ref. zhur.: Elektrotekh. Avtorskii uknazatel'za 1960 g. pl 2 '60.

[Electrical engineering and electric power.] Ref. zhur.: Elektrotekh. i energ. no. 1 Ja '62

ELECTRIC ENGINEERING—BIBLIOGRAPHY see Bibliography—Electric engineering

ELECTRIC ENGINEERING—LAWS AND LEGISLATION

Changes and amendments of the regulations for the installation of electric systems. Prom. energ. 16 no. 6: 50-51 Je '61

Regulations for the installation of electric systems; Chapter V-3; "Electric meters and regulators of starting devices." Prom. energ. 16 no. 6:47-49 Je '61

Safety and operation regulations for the electric systems of industrial enterprises. Prom. energ. 16 no. 7:32-35 Jl '61.

ELECTRIC ENGINEERING—SAFETY MEASURES

Electric equipment regulations for coal processing enterprises. D. S. Lisyakin. Prom. energ. 16 no. 7: 41-45 Jl '61.

ELECTRIC ENGINEERING—STANDARDS

New standards, trade norms, and collections of recommended terms. Vest. elektroprom. 31 no. 10:78-79 O '60.

ELECTRIC ENGINEERING—TERMINOLOGY

New standards, trade norms, and collections of recommended terms. Vest. elektroprom. 31 no. 10 78-79 O '60.

ELECTRIC EQUIPMENT INDUSTRY

Electric machinery with composite stators constructed by utilizing techniques employed by the power metallurgy industry. N. V. Vinogradov, I. P. Kopylov, B. V. Razgulinov. Izv. vys. ucheb. zav.; elektromekh. 4 no. 12, 81-85 '61.

ELECTRIC EQUIPMENT INDUSTRY—EMPLOYEES

Hail to the heroic women workers. Vest. elektroprom. 31 no. 10:16-17 O '60.

ELECTRIC FIELDS

Calculation of the ionizing potential of the electric field of a layered dielectric made of impregnated capacitor paper. Izv. vys. ucheb. zav.; fiz. no. 6 23-26 '61.

Modeling setup with a vibrating charged probe for investigating two-dimensional fields. G. M. Gershtein, G. K. Fedotin. Zhur. tekh. fiz. 32 no. 1 112-116 Ja '62.

Movement of charged particles in a uniform magnetic field whose intensity is a linear function of time. V. A. Ankudinov and others. Zhur. tekh. fiz. 32 no. 1 22-39 Ja '62.

Some methods for obtaining fields with focusing properties. IA. L. Geronimus. Zhur. tekh. fiz. 32 no. 1: 3-14 Ja '62.

ELECTRIC FISHING

Underwater observations on the behavior of sprats. I. V. Nikonorov. Ryb. khoz. 38 no. 1:32-36 '62.

ELECTRIC FURNACES

Concerning the efficient use of electric resistance furnaces. A. D. Svenchanskii. Prom. energ. 15 no. 7: 10-13 Jl '60.

Electric-arc furnace with an electrode in the molten metal. P. V. Sergeev, G. A. Sidorenko. Vest. elektroprom. 31 no. 10, 45-48 O '60.

New design of electrode holders for electric-arc smelting furnaces. V. V. Timoshenko and others. Prom. energ. 15 no. 8:13-14 Ag '60.

Short network and power resources of an electric 20,000 kv.-a. smelting furnace. N. I. Gran', IU. S. Myl'nikov, V. G. Suprunenko. Prom. energ. 16 no. 6: 34-36 Je '61.

Use of rotating electric drum furnaces for firing marshalite. P. M. Lazareva. Prom. energ. 15 no. 7:14-15 Jl '60.

ELECTRIC GENERATORS

Adjustment and study of the commutation of large d.c. generators. I. N. Birulia, F. A. Dorm. Energ. sbor. no. 2:3-12 '59.

Analysis of the parallel operation of voltage regulating systems with reactive current feedback. IU. N. Novikov. Trudy CHIMESKH no. 12:169-176 '61.

Automatic excitation controller for small synchronous generators. A. A. Kil'dibekov. Trudy Inst. energ. AN Kazakh. SSR 2:114-115 '60.

Concerning IU. K. Brexa's article "Static characteristics of a generator with parallel excitation feeding an inductive load." A. Berger. Izv. vys. ucheb. zav.; elektromekh. 4 no. 12:117-118 '61.

Concerning the adjustment of automatic excitation regulators. A. V. Plashkin. Elek. sta. 32 no. 12:83-86 D '61.

ELECTRIC GENERATORS (Continued)

Determination of the compounding "threshold" current magnitude. S. D. Levintov. Energ sbor. no. 2 96-102 '59.

Dynamic stability of a generator with longitudinal-transverse excitation. V V Popov Izv vys ucheb zav , elektromekh. 4 no 12 44-55 '61

Electric generator for luminous flux modulators. P. V. Nikolaev, IU. A. Sabinin. Priborostroenie no. 1 27-29 Ja '62

Example of the calculation of a tachometer generator with a hollow rotor. P. A. Zubtsov. Energ. sbor., no. 2 28-31 '59.

High-speed excitation of small generators. A. I. Galanin. Energetik 9 no 12;23-24 D '61

Method for designing an asynchronous tachometer generator. P. A. Zubtsov. Energ sbor. no 2 13-22 '59.

ELECTRIC INDUSTRIES
(see also subdivision under Erivan, Germany, Kirovakan; Leninakan)

Putting Lenin's program of creating the material and technical foundation for the electrification of the country into practice. P. S Miroshnikov. Sbor. nauch. rab kaf. polit. ekon. vuzov g Khar no 3 43-54 '60.

ELECTRIC INDUSTRIES—LABOR PRODUCTIVITY see subdivision under Moscow

ELECTRIC INSULATORS AND INSULATION

Automatic registering of internal overvoltages in high-voltage networks. IU. A. Mikhailov and others Elek sta. 32 no. 12;47-50 D '61.

Buneeva, L. I., and others. [Manufacture of glass insulators] Proizvodstvo elektroizoliatorov iz stekla. Moskva, Gos. nauchno-issl in-t stekla, 1960 73 p [MICROFILM]

Concerning the use of high-frequency flaw detection in the preventative maintenance of the insulation of electric lines. A. V. Korsuntsev, S. D. Merkhalev Elek sta 32 no. 12;30-33 D '61

Effect of fillers on the properties of sealing compounds. R. V. Molotkov. Vest. elektroprom. 31 no. 10 11-45 O '60.

Effect of the mineralogical composition of the body on the mechanical strength of high-voltage porcelain. G. N. Voronkov, G. N. Maslennikova, A. F. Buchenkova. Trudy GIEKI no. 4 17-25 '60.

Glass tape for armature binding. V. I Pukalov. Elek. i tepl. tiaga 5 no. 12;30-32 D '61

Investigating certain processes of hydrostatic pressing in rubber molds. A. A. Zviagil'skii, M. I Timokhova. Trudy GIEKI no. 4:106-120 '60.

Investigating heat-resistant cement compositions based on liquid glass having high electrical insulating properties Zhur. prikl. khim. 34 no 12;2613-2622 D '61.

New method for designating electric insulators. B. I. Gaidash, V. N. Glushenko. Vest. elektroprom 31 no. 10;68-72 O '60.

Problem concerning the minimum permissible values of the insulation resistance of an electrical machine F G Ryklin. Prom energ 15 no. 7 59-60 Jl '60

Production of porcelain for use in electric engineering in the Rumanian People's Republic. G. I. Barshenkov, G. N. Maslennikova. Trudy GIEKI no. 4 128-133 '60.

Steatite with an expanded temperature range of vitrification. P. G. Avetikov and others. Trudy GIEKI no. 4 34-46 '60.

ELECTRIC INSULATORS AND INSULATING—TESTING

High-frequency flaw detection of the insulation of electric power transmission lines. P. M. Svi, M. V. Khomiakov, A. V. Chvanov Elek. sta. 32 no 12;36-40 D '61

High-frequency flaw detector for checking electric insulation. P. M. Svi. Elek. sta. 32 no. 12;34-36 D '61.

Study of the effectiveness of impulse and d. c. methods for testing electrical insulation. N. P. Aleksandrova, A. K. Mann. Elek sta. 32 no. 12;41-46 D '61.

Transistorized devices for checking the electrical insulation of three-phase networks with an insulated neutral line carrying voltage up to 1,000 volts I. F TSapenko, L. I. Sychev. Prom. energ. 16 no 7;32-35 Jl '61.

ELECTRIC LAMPS

Lamp using radioactive isotopes (from "Electrical Times," no. 3514 1959). Prom. energ. 15 no. 8 48-49 Ag '60.

ELECTRIC LAMPS, FLUORESCENT see Fluorescent lamps

ELECTRIC LIGHT FIXTURES
(see also subdivision under United States)

Dependence of the brightness level of a model as a function of the brightness level of the objects. A. B. Matveev. Svetotekhnika 8 no 2 6-9 F '62.

TSentral'naia stantsiia iunykh tekhnikov, Moscow. [Homemade light fixtures] Samodel'nye svetil'niki. [Moskva] Izd-vo "Detskii mir," 1962. 1 fold. l. (Prilozhenie k zhurnalu "Iunyi tekhnik," no. 3(117))

ELECTRIC LIGHT FIXTURES—CONGRESSES

Scientific and technical conference on light fixtures V B Peretts Svetotekhnika 8 no 2 30-31 F '62

ELECTRIC LIGHT FIXTURES—PRODUCTION STANDARDS see subdivision under Leningrad

ELECTRIC LIGHTING

Automatic switch for indoor lighting networks. I. A. Kalmykov Svetotekhnika 8 no 1;26-27 Ja '62

Electric lighting of the Hall of Congresses in the Kremlin. A. A. Khlev, L. A. TSiperman. Svetotekhnika 8 no 1;1-18 Ja '62

Letter received by the editor of "Svetotekhnika." N. V. Gorbachev and others. Svetotekhnika 8 no 1;30 Ja '62.

Remote control circuit for outdoor lighting. IU. G. Barybin, M. I. IAlovetskii Prom energ 16 no 6;25-26 Je '61.

Space heating with heat emitted by lighting equipment (from "Electric Light and Power," No. 15, 1960) IA. I. Vol'fkovich Prom energ 16 no 6;44-45 Je '61

Through the pages of foreign magazines. Svetotekhnika 8 no 1 31 Ja '62

Through the pages of foreign magazines Svetotekhnika 8 no 2 28-29 F '62

Visibility of volumetric components under different lighting conditions. N. N Gurevich, A. S Shaikevich. Svetotekhnika 8 no 2 10-17 F '62.

ELECTRIC LIGHTING—CONGRESSES

In the technical council of the State Design and Planning Institute for the Heavy Electrical Equipment Industry. G. M. Knorring. Svetotekhnika 8 no. 1;28 Ja '62.

ELECTRIC LIGHTING—SAFETY MEASURES

Electric lighting of rooms in the presence of an explosive substance I IA Pikman Svetotekhnika 8 no 2 21-25 F '62

ELECTRIC LIGHTING—STANDARDS

Discussion of the proposed new version of "Norms on electric lighting." A. G Gakhov Svetotekhnika 8 no. 2 26 F '62.

Profsoiuz rabochikh mashinostroeniia SSSR. [Norms on electrical lighting for machinery manufacturing and shipbuilding enterprises] Normy iskusstvennogo osveshcheniia dlia predpriiatii mashinostroeniia i sudostroeniia. Utverzhdeny postanovleniem Prezidiuma TsK profsoiuza rabochikh mashinostroeniia 22 iiunia 1960 g. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961, 67 p.

Remarks concerning the project of the new edition of "Norms on electric lighting." A. S. Shaikevich. Svetotekhnika 8 no 1;21-26 Ja '62

ELECTRIC LIGHTING—TESTING

Studying the losses of the luminous flux of a luminaire under operating conditions (from "Plant Engineering," No. 4, 1960). IA. E. Vol'fkovich. Prom. energ. 16 no. 6;43-44 Je '61.

ELECTRIC LIGHTING, ARC

Some characteristics of the arc as the source of light in spectrum analysis during the introduction of the sample into the discharge region by a stream of air. A. E. Kontorovich. Izv Sib. otd AN SSSR no. 11.132-135 '61.

ELECTRIC LIGHTING, FLUORESCENT see Fluorescent lighting

ELECTRIC LINES

Concerning the use of high-frequency flaw detection in the preventative maintenance of the insulation of electric lines. A. V. Korsuntsev, S. D. Merkhalev Elek. sta 32 no 12;30-33 D '61.

Construction of electric networks from 1960 to 1980. Energetik 9 no. 12;1-4 D '61

High-frequency flaw detection of the insulation of electric power transmission lines P. M. Svi, M. V. Khomiakov, A. V. Chvanov. Elek sta. 32 no. 12;36-40 D '61.

High-frequency flaw detector for checking electric insulation. P. M. Svi. Elek. sta. 32 no. 12;34-36 D '61.

Technological and economic basis for selecting the cross section of wires for electric networks and power transmission lines. V. A. Smirnov. Energ. sbor. no. 2;141-152 '59.

Wave processes in the normal operation of electric power transmission lines with series and parallel connected reactances throughout the line. F. A. Zykin. Energ. sbor. no. 2;46-54 '59.

ELECTRIC LINES—OVERHEAD

Babushkin. Vsesoiuznyi nauchno-issledovatel'skii institut transportnogo stroitel'stva. [Studying the structures of the overhead contact system] Issledovanie konstruktsii kontaktnoi seti. Moskva, Vses. izdatel'sko-poligr. ob"edinenie Min-va putei soob., 1961. 173 p. Trudy, no. 43)

Constantly increase the reliability of service of overhead contact systems. N. I. Votrov. Elek. i tepl. tiaga 6 no. 1;26-28 Ja '62.

Inductive effect of single-phase traction current on electric networks. I. V. Pavlov. Vest. TSNII MPS 20 no 8 3-9 '61.

New supporting devices for electric transmission wires of 220 to 500 kv S P Chukhov, G S Dutkin Energ. stroi no 20 150-153 '61

Sectionalizing rural 6-10 kv electric power distribution lines O. E. Raichenko Dokl i soob. UNIISKII no 4: 63-81 '60.

Semianchored and anchored mounting of lines on intermediate towers B M Sarychev Elek sta 32 no 12; 27-29 D '61

ELECTRIC LINES—POLES

Concerning Tereshchenko's article "A fatal accident while climbing a pole." Aul' and others. Energetik 9 no 12;25-26 D '61

Increase of the operational reliability of pole-mounted disconnecting switches. I. T. Kholin Elek sta. 32 no. 12;72-73 D '61

Wooden poles with reinforced concrete stubs for the joint suspension of wire broadcasting lines, networks with voltages up to 1,000 volts, and 6 to 10 kv electric power transmission lines. D N Lerman, V P. Likhachev Prom energ 15 no 8 11-17 Ag '60

ELECTRIC LINES—SAFETY MEASURES

Concerning Tereshchenko's article "A fatal accident while climbing a pole." Aul' and others Energetik 9 no 12;25-26 D '61.

ELECTRIC LOCOMOTIVES

Electric locomotive with regulated characteristics of traction engines I. I. Zerekidze Elek. i tepl tiaga 5 no. 12;6-8 D '61.

Experimental study of pulse processes in the traction network of the N60 electric locomotive K. B Aleksandrov, M N Novikov, V V Pavlovskii Izv. vys. ucheb. zav , elektromekh 4 no 12;66-74 '61.

Follow-up of our articles. Elek. i tepl. tiaga 5 no. 12;38 D '61

Gyroscopic phenomena in the traction drive of the URI electric train. IV. Biriukov. Trudy MIIT no. 135;66-77 '61.

More about the performance of the NB-406 traction engine collectors. M. S. Sharov. Elek i tepl. tiaga 5 no 12,24-26 D '61

Series K a c. electric locomotive with silicon rectifiers. I. P. Il'in Elek i tepl tiaga 6 no 1;32-37 Ja '62.

Special features of switching operations in the power networks of d c. powered rolling stock V N Kabanov Izv vys ucheb zav , elektromekh 4 no 12;75-86 '61.

Study of the commutation of an electric traction machine with a laminated yoke operating with a pulsating potential. V. G. Bezhanov, I. L. Vinnikov, B. Z. Vainshtein. Vest. elektroprom. 31 no. 10;13-15 O '61.

Transient processes in connection with voltage regulation on the N60 electric locomotive. A. V. Kamenev. Vest TSNII MPS 20 no. 8 10-16 '61.

Two giants. Nauka i zhizn' 28 no. 10;52-53 O '61.

Ways of reducing overvoltages in case of the breaking of the N8 electric locomotive power circuit D. M. Goldgeil. Elek. i tepl tiaga 6 no 1;20-21 Ja '62.

ELECTRIC LOCOMOTIVES—BRAKES

Need for standard maintenance norms for the automatic brakes of the N60 electric locomotive. A. I. Sadov. Elek. i tepl. tiaga 5 no 12,40 D '61.

Studying the regeneration braking system with a shifting of the traction engines without breaking the braking current circuit. S. I. Osipov. Trudy MIIT no 135;78-92 '61.

Studying the switch-on process of regenerative braking on the N8 electric locomotive N V. Maksimov. Trudy MIIT no. 135,92-103 '61

ELECTRIC LOCOMOTIVES—DESIGN AND CONSTRUCTION

Methodology of calculating the starting stages of a. c. locomotives with collector traction motors. D D. Zakharchenko. Trudy MIIT no. 135;144-170 '61

Need for an improvement of the control circuit system of the VL23 electric locomotive. K. M. Stepanov. Elek. i tepl tiaga 6 no. 1;44 Ja '62.

Need for an improvement of the design of N8 electric locomotives. N. F. Bogatyrev, V. N. Aleksandrov. Elek. i tepl. tiaga 6 no 1,43-44 Ja '62.

ELECTRIC LOCOMOTIVES—ELECTRIC EQUIPMENT

Systems for checking the apparatus of electric locomotives. I. S. Tarasov. Elek. i tepl. tiaga 5 no. 12;18-19 D '61.

ELECTRIC LOCOMOTIVES—MAINTENANCE AND REPAIR

Damage of induction shunts on series VI 22m electric locomotives. S. Sh. Goldvarg. Elek. i tepl. tiaga 6 no. 1;30 Ja '62.

Simple device for an easy removal of electric brushes. A. N. Kazarin. Elek. i tepl tiaga 6 no. 1;19 Ja '62.

ELECTRIC LOCOMOTIVES—VIBRATION

Using the electronic analog computer for studying the vertical vibrations of a high-speed electric locomotive. V. P. Bogdanov. Trudy MIIT no. 135;58-65 '61.

ELECTRIC POWER DISTRIBUTION (Continued)

From the work of the technical council of the State Design and Planning Institute of Heavy Electrical Equipment. A. A. Ermilov. Prom. energ. 15 no. 7 56-58 Jl '60

Improvement of the operating characteristics of the RDI electric protection system. A. N. Papulin. Elek. sta. 32 no. 12:71 D '61

Khodorovich, M. A., and others. [Operation and repair of agricultural electric systems] Ekspluatatsiia i remont sel'skokhoziaistvennykh elektricheskikh ustanovok. Izd. 2. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 335 p. (Uchebniki i uchebnye posobiia dlia sel'skokhoziaistvennykh tekhnikumov) (DA)

Overvoltages during breaks of long overhead power transmission lines resulting from the disconnection of three-pole short-circuits. I. M. Ushakov. Energ. sbor. no. 2 103-118 '59.

Power directivity relay based on the Hall effect. V. G. Dorogunt sev, N. I. Ovcharenko. Elek. sta. 32 no. 12. 51-53 D '61

Principal features of high-speed relay protection channels. S. F. Vorob'ev. Energ. sbor. no. 2 129-134 '59.

Problem concerning current distribution and losses in half-wave tuned electric power transmission lines. F. A. Zykin. Energ. sbor. no. 2:167-171 '59.

Problem concerning the calculation of electric short-circuit conditions. F. S. Bibikov, A. S. Kudriavtsev. Trudy CHIMFSKH no. 12 47-51 '61

Protection of busbars with accelerated action of the protection of the branch lines. V. E. Dorichenko, V. D. Vabel'. Elek. sta. 32 no. 12:68-70 D '61

Simplified method for calculating short-circuit currents in 6 to 10 kv. systems. B. D. Shchukin. Prom. energ. 15 no. 7 39-41 Jl '60.

Technological and economic basis for selecting the cross section of wires for electric networks and power transmission lines. V. A. Smirnov. Energ. sbor. no. 2:141-152 '59.

Theory of random processes and calculation of the loads of industrial electric networks. G. M. Kalinov. Izv. vys. ucheb. zav., elektromekh. 1 no. 12:13-21 '61

Use of deep 110/6 kv. lead-in in nonferrous metallurgy enterprises. V. S. Smurov. Prom. energ. 15 no. 7 35-38 Jl '60

Utilizing the potentials of electric power savings. Prom. energ. 16 no. 7:1-3 Jl '61.

Venikov, V. A. [Long-distance electric power transmission system, special problems] Dal'nie elektroperedachi; spetsial'nye voprosy. Moskva, Gos. energ. izd-vo, 1960. 311 p. [MICROFILM]

Wave processes in the normal operation of electric power transmission lines with series and parallel connected reactances throughout the line. F. A. Zykin. Energ. sbor. no. 2:46-51 '59.

LECTRIC POWER DISTRIBUTION—COMMUNICATION SYSTEMS

Establishment of an additional high-frequency communications channel using electric power transmission lines. E. U. Lubman. Elek. sta. 32 no. 12:74-75 D '61.

ELECTRIC POWER DISTRIBUTION—CONGRESSES

Meeting of committee No. 13 of the International Conference on Large Electric Networks held in 1961. S. V. Usov. Elek. sta. 32 no. 12:88-90 D '61

ELECTRIC POWER DISTRIBUTION—DIRECT CURRENT

Moscow. Vystavka dostizhenii narodnogo khoziaistva SSSR. Pavil'on "Elektrifikatsiia SSSR." [Display of an 800 kv. d. c. power transmission line in the Pavilion "Electrification of the U. S. S. R."] Linila elektroperedachi postoiannogo toka 800 kv. Stalingradskaia GES - Donbass. Moskva, M-vo stroit. elektrostantsii SSSR [1959] 6 p. [MICROFILM]

ELECTRIC POWER DISTRIBUTION—EQUIPMENT AND SUPPLIES

Certain problems concerning the manufacture and equipment of 6 to 10 kv. power distribution devices. V. S. Shchekalev. Energetik 9 no. 12:12-13 D '61.

Series ShchOB-59 distribution panels. Elek. i tepl. tiaga 5 no. 12:3 of cover D '61.

ELECTRIC POWER PLANTS

(see also subdivision under Germany, West; Kazakhstan; Transcaucasia)

Artificially complicated problem. M. Belousov. NTO 1 no. 1 36-38 Ja '62.

Best length of time for the construction of thermal electric stations. V. A. Zaidel'. Energ. stroi. no. 20:106-113 '61.

Concerning the innovation of the thermal networks of medium-sized heat and electric power plants. A. T. Kurnosov. Elek. sta. 32 no. 12:13-15 D '61.

Concerning the methodology for accounting for the technological and economic indices of thermal electric power plants. IA. B. Novikov, E. IA. Sokolov, IA. B. Novikov. Elek. sta. 32 no. 12:76-78 D '61.

The economic prerequisites for the distribution of electric power stations operating on gas. Iu. M. Kogan. Och. po sovr. sov. i zarub. ekon. no. 1 146-174 '60.

Electricity supply for the construction of large thermal electric plants. A. G. Kariagin. Energ. stroi. no. 20: 141-146 '61

Excursion to a steam electric power plant. M. M. Shtepa. Geog. v shkole 25 no. 1:49-51 Ja-F '62.

From the editor. NTO 4 no. 1:42-43 Ja '62.

Heating the starting chambers of the main buildings of thermal electric plants during the starting period. N. IA. Turchin. Energ. stroi. no. 20 161-165 '61

In the technical councils of the All-Union Main Power Administration and the Ministry of Electric Power Stations. Energetik 9 no. 12:33 D '61.

Increase in the efficiency of industrial electric power plants. P. N. Zverev. Prom. energ. 15 no. 8 5-6 Ag '60

Joints of precast reinforced concrete elements in thermal electric plants. N. A. Pereslavtsev. Energ. stroi. no. 20:70-72 '61.

Methods of determining the constant coefficients λ of hydroelectric power stations. Algorithm for planning the economic regime of a combined power system without considering losses from the network. V. G. Berdichev. Izv. AN Arm. SSR. Ser. tekh. nauk 14 no. 5:7-20 '61

Ocean of energy. Nauka i zhyzhn 11 no. 10:25 O '61

Plus electrification of the whole country. P. Nepokrozhnii. Tekh. stroi. no. 11 9-15 N '61.

Rabkina, V. I. [Automation and organization of control systems at high-capacity thermal electric power plants] Avtomatizatsiia i organizatsiia upravleniia na teplovykh elektrostantsiiakh bol'shoi moshchnosti. Moskva, Gos. energ. izd-vo, 1961. 175 p.

Thermal and hydraulic electric power plants in the plan of the over-all electrification of the country. D. Shchavelev. NTO 4 no. 1 38-42 Ja '62.

ELECTRIC POWER PLANTS—ACCOUNTING

Concerning S. A. Ibragon and A. K. Rokeria's articles "Improvement of the keeping of accounting records and calculation of production costs in the enterprises of the electric power system." G. V. Zubunov. Elek. sta. 32 no. 12:87 D '61.

ELECTRIC POWER PLANTS—CONGRESSES

Seminar on the automation and mechanization of furnaces and electric power plant control systems. I. IA. Vaisbavskii. Prom. energ. 15 no. 8:51-52 Ag '60.

ELECTRIC POWER PLANTS—CONTRACTS AND SPECIFICATIONS

Improve the methods for technical and economic specifications. L. Vnag. NTO 3 no. 12:47-53 D '61.

ELECTRIC POWER PLANTS—ELECTRONIC EQUIPMENT

Adjustment and operation of BSK-54 signaling and remote control devices. S. M. Donskikh, V. Z. Zhak. Elek. sta. 32 no. 12:73-74 D '61.

ELECTRIC POWER PLANTS—EQUIPMENT AND SUPPLIES

Further improvement of anthracite culm grinding ball mills. P. I. Kiselev and others. Elek. sta. 32 no. 12: 2-5 D '61.

Kartoshkin, M. D. [Fuel systems of thermal electric power plants] Toplivopodachi teplovykh elektrostantsii. Moskva, Gos. energ. izd-vo, 1961. 207 p.

Mechanized hauling of empty delivery cans. V. F. Pollakov. Energetik 9 no. 12:17-18 D '61.

Use of propane-butane for cutting metal in the assembly of the heat-generating equipment of electric power plants. V. S. Koklik. Energ. stroi. no. 20 137-140 '61.

ELECTRIC POWER PLANTS—HEATING AND VENTILATION

(see also subdivision under Yaroslavl)

Using models to study the ventilation of the main building of a block-type thermal electric plant. G. T. Tatarchuk. Sbor. trud. NIST no. 7:121-133 '61.

ELECTRIC POWER PRODUCTION see subdivision under Egypt, Kazakhstan

ELECTRIC POWER SUPPLY TO APPARATUS

Design of precision-type d. c. stabilizers according to the given monotonous transient characteristics [with summary in English]. V. M. Pustyl'nikov. Avtom. i telem. 23 no. 1:106-115 Ja '62.

Saving electric power in the operation of conveying systems of production lines. A. I. Gurshtein. Prom. energ. 16 no. 6:8-9 Je '61.

Setting the norms of electric power consumption in open-pit mining. G. K. TSverava. Prom. energ. 16 no. 6: 2-4 Je '61.

ELECTRIC PROSPECTING

Tarkhov, A. G. [Principles of geophysical prospecting with radio waves] Osnovy geofizicheskoi razvedki metodom radiokip. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1961. 213 p.

ELECTRIC PROTECTION

Automatic increase of the reliability of intersystem connections. V. B. Kozol'skii, A. N. Kurzanov. Elek. sta. 32 no. 12:71-72 D '61.

Features of designing electric protection systems using operative a. c. A. A. Voskresenskii, E. M. Chervonnyi. Elek. sta. 32 no. 12:53-56 D '61.

Improved automatic reclosing network. S. I. Pikman. Vest. elektroprom. 31 no. 10:65-67 O '60.

Improvement of the operating characteristics of the RDI electric protection system. A. N. Papulin. Elek. sta. 32 no. 12:71 D '61

Power directivity relay based on the Hall effect. V. G. Dorogunt sev, N. I. Ovcharenko. Elek. sta. 32 no. 12: 51-53 D '61.

Principal features of high-speed relay protection channels. S. F. Vorob'ev. Energ. sbor. no. 2 129-134 '59.

Protection of busbars with accelerated action of the protection of the branch lines. V. E. Dorichenko, V. D. Vabel'. Elek. sta. 32 no. 12:68-70 D '61

Replacement of remote busbar protection systems with a device for the preservation of the failure of electric circuits. V. M. Vokhmianin, E. S. Plotin. Elek. sta. 32 no. 12:73-74 D '61

ELECTRIC RAILROADS

(see also subdivision under Ural Mountain region)

Answering readers' queries. IA. A. Zel'vianskii. Elek. i tepl. tiaga 6 no. 1:47 Ja '62

Determining the contact resistance of alternating current track circuits. A. Sh. Nozadze. Soob. AN Gruz. SSR 27 no. 4 439-444 O '61

Electric wires over steel tracks. Nauka i zhizn' 28 no. 10:49 O '61

Reply of E. F. Kozhevnikov, Minister of Construction for the Transportation Industry. Nauka i zhizn' 28 no. 10: 50 O '61

Studying interference in radio communication channels on electric railroads. V. N. Khudov. Vest. TSNII MPS 20 no. 8 58-61 '61

Ways of modernizing pantographs. I. A. Bellaev, G. N. Kozlov. Elek. i tepl. tiaga 6 no. 1:7-9 Ja '62

ELECTRIC RAILROADS—BRAKES

Electric braking of transportation units with collector-type single-phase motors. A. E. Alekseev, V. A. Tikhomirov. Vest. elektroprom. 31 no. 10 17-21 O '61.

For you, passengers. Nauka i zhizn' 28 no. 10:54 O '61.

ELECTRIC RAILROADS—CONSTRUCTION

Babushkin, Vsesoiuznyi nauchno-issledovatel'skii institut transportnogo stroitel'stva. [Studying the structures of the overhead contact system] Issledovanie konstruktsii kontaktnoi seti. Moskva, Vses. izdatel'sko-poligr. ob"edinenie Min-va putei soob., 1961. 173 p. Trudy, no. 43)

Barangkin, V. A., and M. B. Bel'chuk. [Machinery for digging foundation holes for overhead contact system poles] Mashiny dlia razrabotki kotlovanov pod opory kontaktnoi seti. Moskva, Vses. izdatel'sko poligr. ob"edinenie M-va putei soobshchenila, 1961. 87 p. (Bibliotechka stroitelia-mekhanizatora)

ELECTRIC RAILROADS—CURRENT SUPPLY

Additional losses in electric traction motors brought about by fluctuations in the current supply. V. E. Skobelev. Izv. vys. ucheb. zav., elektromekh. 4 no. 12:31-43 '61

Discussing G. G. Markvardt's textbook "Power supply of electric railroads." Zhel. dor. transp. 43 no. 12 91 D '61.

Experimental study of pulse processes in the traction network of the N60 electric locomotive. K. B. Alekseandrov, M. N. Novikov, V. V. Pavlovskii. Izv. vys. ucheb. zav., elektromekh. 4 no. 12:68-74 '61.

Special features of switching operations in the power networks of d. c. powered rolling stock. V. N. Rabinov. Izv. vys. ucheb. zav., elektromekh. 4 no. 12:76-86 '61.

ELECTRIC RAILROADS—EQUIPMENT AND SUPPLIES

Selecting the type of traction and maneuvering equipment for local operations on electrified sections. R. M. Maksimovich. Trudy MIIT no. 147:6-24 '61

ELECTRIC RAILROADS—MAINTENANCE AND REPAIR

Constantly increase the reliability of service of overhead contact systems. N. I. Vetrov. Elek. i tepl. tiaga 6 no. 1:26-28 Ja '62

ELECTRIC RAILROADS—SIGNALING—BLOCK SYSTEM

Modified protection circuit of automatic block signaling lines. IA. N. Tsulitskii. Elek. i tepl. tiaga 5 no. 12: 22-23 D '61.

ELECTRIC RAILROADS—SUBSTATIONS

Conference on the generalization of practices in the use of automation in traction substations. V. IA. Pakhomov. Elek. i tepl. tiaga 6 no. 1:20 Ja '62.

Maintenance of electric substations by mechanics on duty at home subject to call. I. M. Katyshev. Elek. i tepl. tiaga 5 no. 12:15-16 D '61.

Russia (1923- U. S. S. R.) Glavnoe upravlenie elektrifikatsii i energeticheskogo khoziaistva. [Maintenance regulations for the installation of traction substations of electrified railroads] Pravila soderzhaniia ustroistv tiagovykh podstantsii elektrifitsirovannykh zheleznykh dorog. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1961. 154 p.

ELECTRICITY IN MINING (Continued)

Load distribution in a coal mine according to the degree of importance of the operations. V I Bocharov Prom energ 16 no 7:39-41 Jl '61

Switchless telemechanisms in mines. E. S. Snagovskii. Vest AN SSSR 32 no 1:56-58 Ja '62

ELECTRICITY IN MINING—SAFETY MEASURES see subdivision under Krivoy Rog Basin

ELECTRICITY ON SHIPS

Solomatin, V. M., and D. K. Sukhov. [Electrical engineering and telecommunication] Elektrotekhnika i elektrosviaz'. Moskva, Izd-vo "Rechnoi transport," 1960 347 p.

Some parameters of ship winches with direct current electric drives. V. A. Panov. Inform sbor. TSNIIMF no. 47, Tekh. ekspl. mor. flota no 3:65-74 '60.

ELECTRICITY ON SHIPS—BIBLIOGRAPHY see Bibliography—Electricity on ships

ELECTRIFICATION

(see also subdivision under Uzbekistan, Volga Valley)

At the map of the U S S R. in 1960. A. S. Pavlenko. Tekh. mol. 29 no. 12:1-2 '61.

For everyday life. IU. Kogan. Nauka i zhizn' 28 no. 10: 72-73 O '61.

Lenin's ideas of electrification are being realized. V. I. Karlov. Sbor. st. LITMO no. 49:40-51 '60.

Neporozhnii, P. S. [Electrification and power engineering construction] Elektrifikatsiia i energeticheskoe stroitel'stvo. Moskva, Gos energ. izd-vo, 1961. 189 p.

Putting Lenin's program of creating the material and technical foundation for the electrification of the country into practice. P. S Miroshnikov. Sbor nauch rab kaf polit. ekon vuzov g. Khar. no. 3:43-54 '60.

Role of power resources in the development of production forces. M. Vilenskii. Vop ekon. no. 2:21-29 F '62.

ELECTROCARDIOGRAPHY

Bipolar chest leads and their significance in the diagnosis of coronary insufficiency [with summary in English]. V. I. Petrovskii. Kardiologiia 1 no 6 51-58 N-D '61.

Cardiotoposcopy; method for the topographical analysis of the electrical activity of the heart [with summary in English] R Z. Amirov. Kardiologiia 1 no 2 55-61 Mr-Ap '61.

Changes in the electrocardiogram and disorder of the state of the central nervous system under the influence of acceleration. E. V. Marukhanian Fiziol. zhur. 47 no. 7:843-851 Jl '61.

Differential treatment of hypertension at Sochi-Matsesta Health Resort with particular attention to the dynamics of electrocardiographic indices in sea baths. M. I. Beznosov. Vop. kur., fizioter. i lech. fiz kul't. 26 no. 6 522-527 N-D '61.

Effect of salicylates on cardiac activity in experimental disturbance of the coronary circulation (electrocardiographic data) M. M. Shikhov and others Vrach. delo no 8:14-18 Je '61.

Electrocardiogram in elderly and senile mental patients under treatment with methyldiazil. M. L. Shakhtman. Vrach. delo no. 12:108-110 D '61.

Electrocardiographic changes in angioneurotic edema. V. B. Usman Klin med no 1 142-144 '62.

Electrocardiographic changes in guinea pigs dying from rays generated in a 25 MeV betatron. V. P. Polkovnikova. Med. rad. no. 6:63-67 '61.

Electrocardiographic changes in young diabetes mellitus patients [with summary in English]. E. G. Moskovich, G. S. Zeftirova. Sov. med 25 no. 7:53-58 Jl '61.

Electrocardioscopy in dispensary and ambulatory examinations. M. S. Aznaurian, V. V. Zubarev. Voen.-med zhur. no. 7,72-73 Jl '61.

High (giant) wave T of noncoronary genesis in chest [illegible] Tram leads. G. A. Gallibar- [illegible] '1.

Electrochemical study of zirconium passivation in acid solutions. A. IA Shatalov, T P. Bondareva. Zhur. prikl khim 34 no. 11:2487-2495 N '61.

Latest in the field of the electrochemical synthesis of oxidizers. V. G. Khomiakov, M IA. Floshin. Khim. prom. no. 1:30-37 Ja '62.

Polarographic study of the composition of complexes of the system Ti(IV) - Ti(III) in hydrochloric acid solutions participating in the electrode reaction. A. G. Stromberg, A. I. Kartushinskaia. Izv. Sib. otd. AN SSSR no. 11:88-97 '61

ELECTRODEPOSITION OF METALS see Electroforming

ELECTRODES

Device for working with a high-speed rotating-disc anode. M. L Bobrova, A. N. Kudasheva. Trudy LIEI no 36: 104-108 '61

Electric-arc furnace with an electrode in the molten metal. P. V. Sergeev, G. A. Sidorenko. Vest. elektroprom. 31 no. 10:45-48 O '60.

Electrodes of high-melting compounds for the underwater oxygen-arc cutting of steel. V V Penkovskii, G. V. Samsonov. Avtom svar 15 no. 2:39-43 F '62

ELECTRODES, CARBON

Mechanism of low-temperature oxidation of electrode carbon [with summary in English] V V. Pomerantsev, IU. A. Rundygin. Inzh.-fiz. zhur. 5 no. 2:3-9 F '62.

ELECTRODES, PLATINUM

Reduction and electroreduction of organic substances on a platinized platinum Part 1; Behavior of allylbenzene, propenylbenzene, and α-methylstyrene on a surface of a platinum electrode. A. D. Semenova and others. Vest Mosk. un. Ser. 2; Khim. 17 no. 1:49-54 Ja-F '62.

ELECTRODES, ZINC

Possibility of reducing the growth of zinc dendrites in nickel-zinc and silver-zinc cells. V V. Romanov. Zhur prikl. khim 34 no 12:2692-2699 D '61.

ELECTRODYNAMICS

Kushnirenko, A. N. [Electrodynamics] Elektrodinamika. [Kiev] Izd-vo Kievskogo univ., 1961. 234 p.

ELECTROENCEPHALOGRAPHY

Analysis of cortical and subcortical relations in experimental epilepsy. F. P. Vedlaev. Fiziol zhur 47 no. 6:711-720 Je '61.

Change in the bioelectric activity of the cortex and reticular formation following stimulation of interceptors A. I. Karaev, N. A. Mushkina Med zhur Uzb no 7 53-56 Jl '61

Changes in the electrical activity of the cerebral cortex in partial injuries of the brain stem. S. P. Narikashvili, E. S. Moniava. Vop. neirokhir. 25 no. 1:26-33 '62.

Characteristics of electrical activity of the cerebral cortex in the newborn under various conditions [with summary in English]. I. I. Gokhblit. Biul. eksp. biol. i med. 52 no. 8:12-17 Ag '61.

Electroencephalographic studies of patients with initial mental disorders in cerebral atherosclerosis. Preliminary report. I. N. Bobrova, IU. N. Fedorovskii. Trudy Gos. nauchno-issl. inst. psikh. 22 303-312 '60.

Importance of electroencephalography in the differential diagnosis of focal lesions of the brain, conditioned by hypertension and atherosclerosis A. M. Fulatov Zdrav. Tadzh. 8 no. 5,13-17 S-O '61.

Influence of a brain lesion on the bioelectrical reaction in rhythmic light stimulation. IU. Unger, E. Churia, D. Volanskii. Fiziol. zhur. 47 no. 6:704-710 Je '61

Intracellular derivation of potentials of the action of individual neurons in the reticular formation of the medulla oblongata. IU. P. Limanskii. Fiziol. zhur. [illegible] '1.

[illegible] ephalograms in man in the [illegible] ic images [with summary in [illegible] a Biul. eksp. biol. i med.

[illegible] ncephalogram of a specific [illegible] during complex activity [illegible] . A. A. Genkin. Vop. psikhol.

[illegible] e human EEG. E. B. Sologub, [illegible] 842 Jl '01.

[illegible] in alloy from pyrophosphate [illegible] skaia, L. P. Nosova. Izv. [illegible] 4 no. 3:136-139 '61

[illegible] n pharmacology, T. I. [illegible] Farm. i toks. 24 no. 3:

[illegible] tion of the heart in dogs in [illegible] perimental myocardial in- [illegible] V IA. Garmash, IU. G. Novi- [illegible] 0 11-18 '61.

[illegible] f the literature and analysis [illegible] in English]. IU. I. Akimov, [illegible] no. 7:8-19 Jl '61.

ELECTROLYSIS

Anodic process of graphite in the electrolysis of sodium chloride in the presence of sulfate ions M M. Filinskii and others. Zhur. prikl. khim 34 no 11 2403-2407 N '61.

Compound liberated at the anode in the electrolysis of alkali vanadate solutions. A. S. Goncharenko. Zhur. prikl. khim. 34 no. 11:2575-2576 N '61.

Effect of the specific resistance of an electrolyte and of the proportional change in the linear dimensions of electrolysis uniform current distribution. N. P. Gnusin. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 4 639-642 '61.

Investigating the electrochemical behavior of titanium and some other metals during the electrolysis of chloride solutions L. M IAkimenko and others. Khim. prom. no. 1:43-47 Ja '62.

Separation of some anions by electrolysis with the use of ion-exchange membranes. A. G. Kobilianskii, O. A. Ulitin Zhur. prikl. khim 34 no. 12:2699-2704 D '61.

Zinc corrosion in solutions of sulfuric acid and a zinc electrolyte in the presence of antimony and cobalt impurities. K N Kovalenko, IU P. Ivanova, S. P. Vorob'eva. Uch. zap RGU 41 27-36 '58.

ELECTROLYTE SOLUTIONS

Dielectric constant and special structural features of electrolyte aqueous solutions. P. S. IAstremskii. Zhur. strukt. khim. 2 no. 3:268-270 My-Je '61.

Effect of the structure of strong electrolyte solutions on thermodynamic properties. A. I. Gorbanev, IU. M Kessler, V. V. Krylov. Zhur. strukt. khim 2 no. 3:260-267 My-Je '61.

Structural pressure of aqueous electrolyte solutions. A. V. Kopellovich. Zhur strukt. khim. 2 no. 3:270-281 My-Je '61.

ELECTROLYTES

Amount of certain electrolytes in the blood of healthy persons under the climatic conditions of Tashkent S. N. Babadshanov Med zhur. Uzb. no. 6:45-48 Je '61.

Anodic critical current densities in electrolytes: NaCl, KCl, NaCl - $CuCl_2$ and NaCl - $BaCl_2$ - $CuCl_2$. S. A Zaretskii, V. B Busse-Machukas, A. A. Karabanov Zhur. prikl. khim. 34 no 11 2470-2482 N '61

ELECTROLYTIC CORROSION

Anodic protection of steel in alkali media and the effect of dissolved iron on it. IA. D. Averbukh, A. A. Shcrnin, K. G. Potaskuev. Izv. vys. ucheb. zav.; khim. i khim. tekh. 4 no. 4:594-598 '61.

ELECTROLYTIC POLISHING

Effect of microstructure on the quality of electropolished surfaces S M. Tiranskaia Izv vys. ucheb. zav.; chern. met 4 no. 12 135-143 '61.

Improved method for preparing and etching specimen cuts made of austenite stainless steels V. M. IAnkovskii, E. P. Akimova. Biul. nauch.-tekh. inform. VNIITI no. 4/5:173-177 '58.

Repassivation of stainless steel due to the electrolytic polishing of pipes. N. V. Bogoiavlenskaia. Biul. nauch.-tekh. inform. VNIITI no. 4/5:161-164 '60.

Selecting electrolytes for electrolytic polishing of stainless steel pipes surfaces. N. V. Bogoiavlenskaia. Biul. nauch.-tekh. inform. VNIITI no. 4/5.157-160 '58.

Thinning of metallic samples by electrolytic polishing for inspection by means of a transmission electron microscope V. G. Kurdiumov, L. G Orlov, M. P. Usikov. Zav. lab. 27 no. 12:1490-1494 '61.

ELECTROLYTIC REDUCTION see Reduction, Electrolytic

ELECTROMAGNETIC WAVES

Attenuation of electromagnetic waves caused by the leakage in wave guide walls with a cross shaped cross section. T. V. Makarov. Radiotekh i elektron. 7 no. 1:99-104 Ja '62.

Certain methods for shaping a plane electromagnetic wave under laboratory conditions. V. P. Kovalev. Radiotekh. i elektron. 7 no. 1:71-77 Ja '62.

Coefficient of reflection of a plane electromagnetic wave from a plane wire grid. M. I. Kontorovich and others Radiotekh. i elektron. 7 no. 2:239-240 F '62.

Emission of a plasma wave by a charge moving in a magnetoactive plasma [with summary in English]. V. IA. Eidman Zhur. eksp. i teor. fiz. 41 no 6:1971-1977 D '61.

Experiment on direct transformation of the energy of a high-frequency electromagnetic field into mechanical work. R. A. Valitov, V. D. Kukush, V. G Orlov. Zhur. tekh. fiz. 31 no. 12:1462-1466 D '61.

Expression for the density of an electromagnetic pulse in a translucent dielectric. V. M. IUzhakov. Izv. vys. ucheb. zav., fiz no. 6:87-89 '61.

Reflection of electromagnetic waves from moving surfaces. A. M Kovalev, V. N Krasil'nikov. Zhur. tekh. fiz 32 no 1 30-33 Ja '62.

Theory of electromagnetic fluctuations in a nonsteady-state plasma [with summary in English]. F. V. Bunkin. Zhur. eksp. i teor. fiz. 41 no. 6:1859-1867 D '61.

ELECTROMAGNETIC WAVES—DIFFRACTION

Diffraction of electromagnetic waves on crossing cylinders M. V. Butrov. Radiotekh. i elektron. 7 no 1 167-168 Ja '62.

Diffraction of plane electromagnetic waves on a thin cylindrical conductor P. IA. Ufimtsev Radiotekh. i elektron 7 no 2;260-269 F '62

Diffraction of surface waves by the tilt of an impedance plane R. P. Stazovoitova, M. S. Bobrovnikov, V. N. Kisilitsina Radiotekh. i elektron 7 no. 2;250-259 F '62.

Diffraction of waves on a tape placed on an impedance plane M. D. Khaskind. Radiotekh. i elektron 7 no. 1: 78-89 Ja '62

ELECTROMAGNETS

Electromagnets for electrolytic baths. I. V. Fal'kenshtein Mashinostroitel' no 1 29 Ja '62

Experimental data for selecting drum-wound d. c. electromagnets. I. I. Pekker. Izv vys ucheb zav ; elektromekh 4 no. 12;56-60 '61.

Increasing the reliability of long-travel brake electromagnets of the KMT type. A. I. Tanatar, V. K. Zorin Prom. energ. 16 no. 6;24 Je '61.

ELECTROMECHANICAL ANALOGIES

Buldei, V. R., and V. E. Shamanskii. [Calculating drawdown with the help of electric models] Raschet vodoponizhenila pri pomoshchi elektricheskikh modelei. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1961. 95 p.

Modeling setup with a vibrating charged probe for investigating two-dimensional fields G. M. Gershtein, G. K. Fedenin Zhur. tekh. fiz. 32 no. 1 112-118 Ja '62.

ELECTROMETALLURGY

Methods of preparing electrolytic inclusion deposits for examination with an electron microscope. G. A. Kokorin. Zav. lab. 27 no. 12:1497-1498 '61.

ELECTROMETALLURGY—ELECTRIC EQUIPMENT

Increase in the operational reliability of the converter devices of electrolysis systems with automatic reclosing and short-circuits in the network L. S. Lindorf, L. N. Shifrin. Prom. energ. 15 no. 8 17-20 Ag '60.

ELECTROMOTIVE FORCE

Decomposition voltage of natural sulfides of some metals and of sodium sulfide in fused salts. I. T. Gul'din, A. M. Egorov, A. V. Buzhinskaia. Zhur. prikl. khim 34 no. 12;2674-2680 D '61.

ELECTROMYOGRAPHY

Electrophysiological study of fatigue in muscular work. A. S. Stepanov, M. L. Burlakov. Fiziol. zhur. 47 no. 6; 735-740 Je '61.

Presence of phasic and tonic neuromotor units in the oculomotor apparatus of rabbits. D. P. Matiushkin Fiziol. zhur. 47 no. 7;878-883 Jl '61.

ELECTRON BEAMS

Addition to the brief report "Tensor of the electric permeability of plasma with a beam" published in "Radiotekhnika i Elektronika" no. 12, 1960. Radiotekh. i elektron. 7 no. 2;360 F '62

Effect of the thermal velocities of electrons on the dissipation of electron beams. L. E. Bakhrakh, V. G. Medoks. Radiotekh. i elektron. 7 no. 1;120-125 Ja '62.

Formation of band-shaped convergent beams of charged particles of high current density V. P. Ignatenko Zhur. tekh fiz. 32 no 1 63-68 Ja '62.

ELECTRON DIFFRACTION EXAMINATION

High precision analysis of electron-diffraction data on the structural parameters of molecules in the gaseous phase. N. G. Rambidi, P. A. Akishin. Zhur. struktkhim. 2 no. 3;251-259 My-Je '61.

ELECTRON MICROSCOPE

Electron microscope study of spermatogenesis in mice [with summary in English]. A. A. Prokof'eva-Bel'govskaia, Chzhai Chun-khe [Chai Chung-ho]. Biofizika 6 no 6;681-686 '61.

Russian electron microscopes for a direct examination of solid objects; survey. IU. M. Kushnir and others. Zav. lab. 27 no. 12;1526-1535 '61.

Separation of fine fractions with the help of an electron microscope. A. M. Gutkin and others. Sbor. trud. VNIINSM no. 2;130-161 '60.

Some problems of adjustments and operation of high resolution electron microscopes. P. A. Stoianov, N. M. Moseeva. Zav. lab. 27 no. 12:1535-1542 '61.

Study of the aberration of electrostatic lens filters. G. V. Der-Shvarts, S. A. Belen'kii. Radiotekh. i elektron. 7 no. 1;126-132 Ja '62.

Thin photosensitive layers for obtaining autoradiograms of bacterial objects studied with the electron microscope. I. V. Fedorova, V. I. Feoktistov. Med. rad. no. 7;73-77 '61.

ELECTRON MICROSCOPY

Electron microscope study of a sintered aluminum powder. A. I. Paisov, Fan-IA-chen'. Zav. lab. 27 no. 12;1500-1501 '61.

Electron microscope study of iron oxide powders. O. N. Repkova. Zav. lab. 27 no. 12;1494-1495 '61.

Electron microscopy in the study of nonmetallic inclusions in steel A. V. Smirnova, G. A. Kokorin. Zav. lab. 27 no 12 1502-1504 '61

Methods of preparing electrolytic inclusion deposits for examination with an electron microscope G. A. Kokorin. Zav lab. 27 no 12 1497-1498 '61.

Origin and interpretation of contrast on the electron microscope image of a metallic foil M. P. Usikov, L. M. Utevskii. Zav lab. 27 no. 12:1461-1466 '61

Preparation of powder specimens for electron microscope inspection. S. T. Prokhorov. Zav. lab. 27 no 12 1496 '61.

Some urgent problems arising in applied electron microscopy, survey. V. M. Luk'ianovich Zav. lab. 27 no. 12 1475-1480 '61.

Thinning of metallic samples by electrolytic polishing for inspection by means of a transmission electron microscope V. G. Kurlumov, L. G. Orlov, M. P. Usikov. Zav. lab. 27 no. 12:1490-1491 '61

Ultrasonic dispersing of powdery objects for electron microscope studies IU. S. Bulankin. Zav. lab. 27 no. 12:1501-1502 '61.

Use of microdiffraction in the electron microscope study of metals. L. G. Orlov, M. P. Usikov, L. M. Utevskii. Zav. lab. 27 no. 12 1486-1490 '61.

ELECTRON OPTICS

Achromatic quadrupole electronic lenses. V. M. Kel'man, S. IA. IAvor. Zhur. tekh. fiz. 31 no. 12 1439-1442 D '61

Study of the aberration of electrostatic lens filters. G. V. Der-Shvarts, S. A. Belen'kii Radiotekh. i elektron. 7 no. 1;126-132 Ja '62

ELECTRON TUBES

Decatrons G. Kartsev. Radio no. 2:37-40 F '62.

Effect of the thermal velocities of electrons on the dissipation of electron beams. L. E. Bakhrakh, V. G. Medoks Radiotekh. i elektron 7 no 1:120-125 Ja '62.

Evaluation of industrial injury to workers of the electron vacuum tube industry. E. I. Gol'dman. Zdrav. Ros. Feder 5 no. 12:18-22 D '61.

Recovery of a two-electrode gap after the passage of a glow-discharge. F. M. IAblonskii. Radiotekh. i elektron. 7 no 1,142-152 Ja '62.

Restoration of electric vacuum devices with oxide cathodes. M. Slavin Radio no. 1 51 Ja '62

Veklich, P. M., F. P. Oshchipkov, and V. K. Frolov. [Manufacture of glass for electric vacuum devices] Tekhnologiia elektrovakuumnogo stekla Pod obshchei red. R. A. Nikendeva Moskva, Gos. energ. izd-vo, 1961. 261 p

ELECTRON TUBES—NOISE

Methods for controlling and measuring microphon noises in electron tubes. Z. V. Magrachev. Izm. tekh. no. 12:53 D '61.

ELECTRONIC AMPLIFIERS see Amplifiers (Electronics)

ELECTRONIC ANALOG COMPUTERS

Use of electronic analog computers in some extremum problems [with summary in English] G. V. Savinov, R. A. Veiershtein. Vest. Mosk. un. Ser. 1;Mat., mekh. 17 no 1 60-67 Ja-F '62

Using the electronic analog computer for studying the vertical vibrations of a high-speed electric locomotive. V. P. Bogdanov. Trudy MIIT no. 135:58-66 '61.

ELECTRONIC APPARATUS AND APPLIANCES

Built in Moscow. Radio no. 2:9-10 F '62.

A cybernetic "cat." R. Ivanov Radio no. 1 30-32 Ja '62

Phantasy and reality are twins. V. I. Siforov. kul't. i zhizn' 6 no. 1;18-21 '62.

"Secretary" of electronic brain. 36 no. 12;54 D '61.

ELECTRONIC BRAINS see Electr chines

ELECTRONIC CALCULATING MAC

Application of calculating machine traffic control systems. N. A. B 43 no. 12:63-68 D '61.

Calculating machines give orders P. Poliakov Tyl. i snab. Sov Vo N '61.

Calculating technique in historico E. V. Evreinov, IU. G. Kosarev, AN SSSR 92 no. 1;80-83 Ja '6

Differentiating amplifier with capa summary in English]. L. IA. Il'n Avtom. i telem. 23 no. 1;91-97

Electronic calculating machines f trol in the chemical industry abr Kir'ianova Khim i tekh. topl. i F '62.

Electronic constructor. F. Patrus 28 no. 10;58-62 O '61.

Electronic machines work out the traffic. A. Baknev. Sov. torg.

Magnetic logic element for the rea functions [with summary in Engli I. Gashkovets. Avtom. i telem. '62.

Modeling of an ammonia synthesis column by means of electronic mathematical computers. N. S. Zaitarnyi. Khim. prom. no 12,850-854 D '61.

Possibilities of automating the management of the national economy. A. I. Berg, A. I. Kitov, A. A. Liapunov Prob. kib no. 6,83 - 100 '61.

Problem concerning the functional construction of digital control mechanisms [with summary in English]. T. IA. Khodorov Avtom i telem 23 no 1:45-51 Ja '62.

Some problems in the standardization of electronic elements and units of mathematical machines. L. I Andronov Priborostroenie no. 1;21-22 Ja '62.

Use of mathematics in the national economy. S. A. Aleskerov Nauka i zhizn' 28 no. 10,18-20 O '61.

Using electronic computers for calculating multicircular urban gas systems. A. M Levin and others Gaz prom 6 no. 11:33-34 '61

What is a letter "A" A. Kondratov. Znan. sila 37 no. 1,23-26 Ja '62

ELECTRONIC COMPUTER PROGRAMMING see Programming (Electronic computers)

ELECTRONIC CONTROL

The AMUR-80 automatic controller and regulator. G. M. Kasatkina, A. L. Shatokhin. Priborostroenie no. 1:27 Ja '62

Automatic control of auxiliary operations on presses. V. IA. Vinokurov. Mekh. i avtom. proizv. 16 no. 1: 22-24 Ja '62.

Automatic control of strip thickness on reversing cold-rolling mills O. B. Kleshko Mekh i avtom proizv. 16 no. 1:21-29 Ja '62

Automatic control of the running in of engines. P. Ivanov, L. Barishman. Avt transp 40 no 1:27-29 Ja '62.

Automatic heavy-duty excitation controllers. G. Kozlovskii NTO 4 no 1:17-19 Ja '62.

Automatic search. A. Fel'dbaum. Radio no 2-11-13 F '62

Automation of pumping stations in hydraulic mines. V. G. Geyer, G. M. Timoshenko, V. A. Fadin. Mekh. i avtom. proizv. 16 no. 1,31-34 Ja '62.

Control of the movement of loose materials in pipes. N. N. Barkov Priborostroenie no. 1:25-26 Ja '62

Instruments and devices for multiscale recording, multipoint and multichannel control M. A. Berezovskii and others. Priborostroenie no. 1,15-16 Ja '62.

Sun tracking head. I. G. Vasil'ev, A. I Shapov. Isk. sput. Zem. no 11 87-93 '61

ELECTRONIC DATA PROCESSING

Optimum utilization of the fuel power balance. V. Chernlavskii. Plan. khoz. 39 no. 2;82-89 F '62.

ELECTRONIC DIFFERENTIAL ANALYZERS

Differentiating amplifier with capacitative feedback [with summary in English]. L. IA. Il'nitskii, L. IA. Nagornyi Avtom. i telem. 23 no 1;91-97 Ja '62.

ELECTRONIC DIGITAL COMPUTERS

Use of electric simulating machines and electronic digital computers in the construction of conforming representation functions. I. I Serebrennikova. Izv. vys ucheb zav. ; elektromekh 4 no. 12;3-12 '61

ELECTRONIC INSTRUMENTS

Electronic "detectives." F. Kamenskii. NTO 4 no. 1 60-61 Ja '62.

New control devices with a program setter. V. A. Shpil'gan. Priborostroenie no. 1;22-23 Ja '62.

Semiconductor devices for measuring the speed of a crankshaft and the an injection in internal

ELECTRONICS IN MILITARY ENGINEERING

Cybernetics in military science N Alpatov Radio no 2 3-5 F '62

ELECTRONS

Biological activity and the use of fast electrons in medicine. N V.Sokolova Med.rad no 6 83-87 '61

Direct measurement of the momentum of conduction electrons in a metal [with summary in English] M S. Khaikin Zhur eksp i teor fiz 41 no 6;1773-1779 D '61.

Gur'ev, M. V. [Dissociation of large molecules under electronic impact, author's resume of a dissertation for the degree of Candidate of Chemical Science] Dissotsiatsiia krupnykh molekul pri elektronnom udare, avtoreferat dissertatsii predstavlennoi na soiskanie uchenoi stepenii kandidata khimicheskikh nauk Moskva, Gos. komitet Soveta Ministrov SSSR po khimii, 1959. 9 p

[MICROFILM]

Ionization of hydrogen atoms by electrons taking interference into account [with summary in English] R. K. Peterkop. Zhur eksp i teor fiz 41 no. 6,1938-1939 D '61.

Linear electron accelerator G. I. Zhilenko Atom. energ 12 no 2;147-149 F '62

Motion of electrons inside a cluster in a synchrotron. A S. Churnakov Izv vys ucheb zav , fiz no 6 113-117 '61.

Slow electrons in polar crystals [with summary in English] A. V. Tulub. Zhur eksp i teor fiz 41 no 6; 1828-1838 D '61

ELECTRONS—SCATTERING

Polarization of electrons elastically scattered on nuclei V M Arutiunian Izv. AN Arm SSR Ser. fiz -mat nauk 14 no 6 93-98 '61.

ELECTRONS—SPECTRA

Energy levels of electrons in the X-rayed fluorite crystals. A A Kondratenko Trudy LIEI no 36;109-120 '61

Study of the energy spectrum of electrons in a crystal. Part 1. V. A Chadyshev. Izv vys. ucheb zav , fiz. no 6 18-51 '61.

ELECTROPHORESIS

Effect of medical gymnastics in combination with iodoelectrophoresis on the indexes of physiological liability of the nerve-muscle apparatus in patients with traumatic lesions of the brain. N. A. Belaia. Vop. kur., fizioter. i lech. fiz. kul't. 26 no. 4 315-319 Jl-Ag '61.

Electrophoresis of penicillin. E. A. Shablovskaia. Vop. kur , fizioter i lech. fiz. kul't. 24 no 6-536-539 N-D '59.

Electrophoretic study of the protein composition of the blood serum in various clinical forms of chronic tonsillitis. V. N. Dziak, E. F. Bogatskii Vest otorin. no. 6 31-35 '61.

Electrophoretic study on proteins and lipoproteids in the blood serum in dysentery [with summary in English] S. D Polozhentsev Sov med 25 no. 8-71-76 Ag '61

Ion reflexes according to A. E. Shcherbak. B V. Likhterman. Vop. kur. , fizioter i lech. fiz. kul't 24 no 6; 485-492 N-D '59.

Neurovascular disorders in the late aftereffects from a closed injury of the skull and their changes under the influence of general bromine electrophoresis. N F. Sokolova Vop kur , fizioter i lech fiz. kul't 26 no 6; 534-538 N-D '61.

S. N. Potapova's article, "Cutaneous anesthesia through electrophoresis in treating pockmarks of the face, and saccharomycetic paronychia and onychia " M A Kachkovskii. Vop. kur , fizioter. i lech. fiz kul't. 24 no. 6;555-556 N-D '59.

Study of blood protein fractions by the electrophoresis method in coronary atherosclerosis. A. I. Chernova. Vrach. delo no. 12;28-32 D '61.

Treatment of infectious polyarthritis of undetermined etiology by novocaine electrophoresis in the area of the spleen. Z. E Bykhovskii, P. F. Liudvinskaia Vop. kur. , fizioter i lech. fiz. kul't 24 no 6;499-502 N-D '59.

Use of copper iontophoresis for treatment of inflammatory processes in the lungs and respiratory tract in children [with summary in English]. M. I. Botvinnikova Pediatriia 40 no 12,8-12 D '61.

Use of dionine electrophoresis in the treatment of bronchial asthma [in Azerbaijani with summary in Russian]. M. E. Efendiev, N. R. Kudari. Azerb. med. zhur. no. 7; 55-56 Jl '61.

Use of ronidase and lipase iontophoresis in chronic inflammatory diseases of the uterus, adnexa and parametrial tissues [with summary in English]. I. N Rembez. Sov. med. 25 no. 8;33-36 S '61.

ELECTROPHYSIOLOGY

Characteristics of the formation of the motor component in a child's verbal reaction [with summary in English]. N. V. Sukhanova. Zhur. vys. nerv deiat. 11 no. 5 855-859 S-O '61.

Dependence of polysynaptic reactions of the motor neuron on the level of its resting potential. P G. Kostiuk, I. P. Samenlutin. Fiziol. zhur. 47 no. 6;678-686 Je '61

Electrographic characteristics of the basic neural processes. N P. Bekhtereva, V V Zontov Fiziol zhur 47 no. 12 1463-1470 D '61

Electrophysiological analysis of excitation conduction in the ganglia of the solar plexus O. N Zamiatina Fiziol. zhur. 47 no. 6-687-696 Je '61

"Electrophysiological methods in biological research" by J. Bures, M Petran, J Zachar. Reviewed by D G Kvasov. Fiziol zhur 47 no. 6-789-791 Je '61.

Mechanism of the effect of electrical current on fish. N V. Bodrova, B. V. Kraiukhin Fiziol zhur 47 no 7-913-917 Jl '61.

Method for chronic implantation of electrodes in the rostral section of the reticular formation in dogs. A M. Marits Fiziol. zhur. 47 no 7-923-926 Jl '61.

Method for implanting electrodes into the spinal cord of a dog. O. G. Baklavadzhian Fiziol zhur. 47 no 12-1502-1505 D '61.

ELECTROPLATING

Equipment for the reconditioning of electroplating. N Korovin, V. Cherkasskii, V Leonov Avt transp 39 no 12 42-43 D '61.

New method of preparing electrolytes for the electrodeposition of metals of the platinum group. L. Kadaner, T. Dik Zhur prikl. khim 35 no. 1 196-197 Ja '62.

ELECTROSTATICS

Preventing a buildup of electrical charges in petroleum products while pumping into tanks V N Egorov. Neft khoz 39 no 9 50-55 S '61

ELECTROSURGERY

Treatment of chronic endocervicitis and erosions of the cervix uteri by deep laminar diathermocoagulation E V Malzhaninov. Sov med 25 no 8-115-118 S '61

ELECTROTHERAPEUTICS

Use of a new physical method, interference-impulse therapy, in the clinic for internal diseases [with summary in English] P. I. Egorov, IU. N Bogin. Terap arkh no 6,26-33 '61

Use of nasal reflex therapy in headaches of various origin. M. I. Balakhovskaia. Vop. kur., fizioter. i lech fiz. kul't. 26 no. 4 351-355 Jl-Ag '61.

ELEMENTARY EDUCATION see Education, Elementary

ELEMENTS, INERT see Gases, Rare

EMBEZZLEMENT

Problems in the investigation of embezzlement of a construction project V. G. Tanasevich, A. I Mikhailov Sov kniga na sluzh sled no 15 18-77 '61

EMBOLISM

Rare complication following fistulography - iodolipodol embolism of vessels of the greater circulation L. V. Aseev, M. I. Burmistrov Vest khir no 1;130-132 '62.

EMBROIDERY

(see also subdivision under Rumania)

Embroidery. A. D. Petrova, V. I. Il'chenko. Doshk. vosp. 35 no 1;61-62 Ja '62.

EMBRYOLOGY

Experiments on the transplantation of egg cells and embryos in animals. Kh F. Kushner, I. E. Novik. Biol. v shkole no. 1-70-77 Ja-F '62.

Some data on free cells in the cavity of the embryonic crystalline lens I. R. Korkia. Soob AN Gruz SSR 27 no. 5;607-612 N '61.

EMBRYOLOGY—HYMENOPTERA

Ivanova-Kazas, O. M. [Studies on the comparative embryology of Hymenoptera] Ocherki po sravnitel'noi embriologii pereponchatokrylykh. [Leningrad] Izd-vo Leningr. univ., 1961. 265 p.

EMBRYOLOGY (BOTANY) see Botany—Embryology

EMOTIONS

Influence of the emotional factor in the development of cerebral atherosclerosis. K. A. Bobkova, V. V. Gromova. Trudy Gos. nauchno.-issl. inst. psikh. 22 88-97 '60.

EMPHYSEMA, PULMONARY

Amount of circulating blood in patients with pulmonary emphysema [with summary in English] IU. N. Shteingardt. Terap. arkh. 33 no. 10;85-92 '61.

Effect of arterial hypoxemia in pulmonary emphysema on capillary permeability G. N. IUshina. Terap. arkh. 33 no 10-103-105 '61.

Functional state of the liver in pulmonary emphysema [with summary in English] I. V. Landysheva. Terap. arkh. 33 no. 10,59-63 '61.

Occupational pulmonary emphysema and chronic bronchitis in coal mine workers [with summary in English]. M. S. Shneider. Sov. med. 25 no. 9;85-90 S '61.

Surgical treatment of congenital lobar emphysema of the lung. F. Kh. Kutushev. Vest. khir. no. 5;64-67 '61.

EMPLOYEES, DISMISSAL OF

Judicial practice in cases concerning reinstatement to a former position I. Kotiveta. Sots. zakon. 38 no. 12 40-43 D '61.

Participation of factory, plant, and local trade-union committees in the examination of disputes concerning the dismissal of workers. Z. Symorot. Rad pravo no. 4-104-108 Jl-Ag '61.

EMPLOYEES, RELOCATION OF

Legal advice. Sots. zakon. 30 no. 1-81-83 Ja '62.

EMPLOYEES' BUILDINGS AND FACILITIES

Provision of auxiliary buildings at building sites. L. I Shu-zhun. Ekon stroi. no 11-52-59 N '61.

EMPLOYERS' LIABILITY

Decision No. 8 of the plenary session of the Supreme Court of the U. S. S. R. of December 14, 1961 Sov. iust no. 1-28 Ja '62.

EMPYEMA

Treatment of tuberculosis empyema of the pleura. I. A. Kutkov. Zdrav. Tadzh 6 no. 6-21-24 N-D '61.

EMULSIFYING AGENTS

Effect of the amount of emulsifying agents on the viscosity of butadiene-styrene latexes. V. I. Kuznetsov, A. V. Lebedev Kauch. i rez. 21 no 1;16-19 Ja '62.

Water emulsions for cold rolling of steel strips. E. S. Skripchenko, I A Chamin Masl.-zhir. prom 27 no. 11;31-32 N '61.

EMULSIONS

Replacing sodium hydroxide in the production of the NCh-8 demulsifying agent alkaline residues and sodium chloride. Kh. K. Dadashev, M I Skvortsova, S P. Petrosian. Khim i tekh. topl i masel 7 no. 1 31-34 Ja '62

ENAMEL AND ENAMELING

Crystallization of titanium phosphate enamels. K. P. Azarov and others. Izv. vys. ucheb. zav.; khim. i khim. tekh. 4 no. 4 647-650 '61.

Interaction between an enamel melt and steel. IU. P. Nikitin, V. I. Ovchinnikova, N. S. Smirnov. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 1;651-656 '61.

ENCEPHALITIS

(see also subdivision under Japan, Siberia)

Clinical and epidemiological characteristics of a familial outbreak of encephalitis. L. V. IArovoi and others Sov. med. 25 no. 10;130-131 O '61

Compound treatment making use of physical factors of patients with the residual manifestations of tick-borne encephalitis S. S. Magaznik Vop kur. fizioter. i lech. fiz. kul't. 26 no. 6-538-543 N-D '61.

Cultivation of the virus of Japanese encephalitis in a culture of kidney epithelium of sheep embryo [with summary in English]. S. IA. Gaidamovich, V R. Obukhova Vop virus. 6 no. 5 557-562 S-O '61.

Problem of tick encephalitis from the therapeutist's position. G. L. Khasis. Terap. arkh no. 6;75-84 '61.

Study of the immunological activity of killed tissue vaccine against tick-borne encephalitis. Report No 1. Immunological changes in vaccinated subjects following the 1st and 2d vaccination [with summary in English] L. N. Spitsyna Vop virus. 6 no. 5-552-556 S-O '61.

ENCEPHALOMYELITIS

Comparative study of the methods of diagnosis of acute encephalomyelitis and multiple sclerosis. Vest. AMN SSSR 16 no. 6;61-64 '61.

Data on the pathogenesis of experimental acute disseminated encephalomyelitis. P. I. Remezov. Vest. AMN SSSR 16 no. 6;9-17 '61.

Diagnosis and treatment of multiple sclerosis. TS. A. Epshtein and others. Vest. AMN SSSR 16 no 6;53-57 '61.

Further study of the virus of acute encephalomyelitis in man. A. K. Shubladze, T. M. Maevskaia. Vest. AMN SSSR 16 no. 6;3-8 '61.

Some results of clinical and pathomorphological study of multiple sclerosis and acute encephalomyelitis. N. I Golik, E. V. Militsina. Vest. AMN SSSR 16 no. 6; 36-45 '61.

ENDOCARDITIS

Problem of the unity of endocardites [with summary in English] L. I. Ceftor. Vrach. delo no. 12;54-58 D '61.

Protein content of blood serum and colloid precipitate reactions in subacute septic endocarditis [with summary in English]. V. N. Dziak. Vrach. delo no. 12; 69-75 D '61.

ENDOCRINE GLANDS

Significance of the functional state of some endocrine organs in the development of pleuro-pulmonary shock. I. D. Kudrin. Voen. -med. zhur. no. 7;38-43 Jl '61.

ENDOMETRIOSIS

Some clinical and morphological problems in internal endometriosis of the uterus Z. P. Grashchenkova. Akush. i gin. no 5 87-94 '61.

ENDOMETRIUM—TUBERCULOSIS

Tuberculous endometritis. V. I. Bychkov. Sov med 25 no 6:131-135 Je '61

ENDOUME, FRANCE—MARINE BIOLOGY—RESEARCH

Marine station in Endoume (France, Marseille) M I Kiseleva Okeanologiia 1 no 6 1100-1101 '61

ENEMA

Subaqueous intestinal lavage with Borzhomi mineral water in chronic colitis M. P Tvauri Terap arkh 33 no 8 50-52 '61

ENESCO, GEORGES, 1881-1955

Meetings with Enesco. D. Oistrakh. Sov. muz. 25 no. 8:77-81 Ag '61.

ENGELS, FRIEDRICH, 1820-1895

Engels' struggle against false socialism and its significance for our times. G M. Gak. Nauch dokl. vys shkoly,filos. nauki 4 no. 3:51-59 '61

ENGELS, FRIEDRICH, 1820-1895—BIBLIOGRAPHY

see Bibliography—Engels, Friedrich, 1820-1895

ENGINEERING, RAILROAD see Railroad engineering

ENGINEERING GEOLOGY

Study of coastal slopes and their formation in order to determine their stability from the point of view of engineering geology. G S Zolotarev. Trudy Lab gidrogeol probl. 35 11-35 '61.

ENGINEERING MODELS

Modeling of deformable solids involving distortion of the linear similarity factor T G Sagdiev. Izv. Otd geol.-khim. i tekh. nauk AN Tadzh. SSR 1:3-18 '60

ENGINEERING TOLERANCES see Tolerance (Engineering)

ENGINEERS

Training the scientific specialists of the Academy. V A. Burenin. Izv ASIA no. 2:113-114 '61.

ENGLISH LANGUAGE—ADVERB

Structural development of the adverb in the English language. V. N. IArtaeva Rom.-germ. filol. no. 3:19-53 '61

ENGLISH LANGUAGE—COMPARISON

Expression of elatives in the modern English language. E. N Sergeeva. Rom.-germ. filol no 3:73-101 '61

ENGLISH LANGUAGE—GRAMMAR

On the delimitation of the simple predicate (passive voice) from the substantive in the modern English language. I. K. Likhacheva Rom.-germ filol no 3:102-118 '61.

"To be going" with an infinitive in the modern English language. E. G. Lapshina Rom.-germ filol no. 3: 119-126 '61

ENGLISH LANGUAGE—SPOKEN ENGLISH

Work in the 5th grade on common expressions used in the classroom. V. A. Pentegova. Sbor. rab. kaf. angl. i nem. iaz. no. 1:123-133 '59.

ENGLISH LANGUAGE—STUDY AND TEACHING

Connection between the study of English language and industrial training. N. I. Ekhl. Inostr. iaz. v shkole no. 1:126-128 Ja-F '62.

Defending graduation projects in the English language. I. A. Ilneva Sred spets. obr 9 no. 1:32-34 Ja '62.

Enriching the vocabulary of students enrolled in analytical reading. T. B. Cherkasova. Sbor. rab. kaf. angl. i nem. iaz. no. 1:71-89 '59.

Explanation of aspects and tenses of the English verb in the secondary school. G. A. Sobolevskaia. Sbor. rab. kaf. angl. i nem. iaz. no. 1:107-121 '59.

Lessons planned from textbooks for advanced classes of the secondary school engaged in analytical reading for the 4th course of the Department of Foreign Languages. Z. I. Ligacheva. Sbor. rab. kaf. angl. i nem. iaz. no. 1. 91-105 '59.

TSvetkova, Z. M., and TS. G. Shpigel'. [Methodological instructions on the English language textbook for the fifth grade of eight-year schools] Metodicheskie ukazaniia k uchebniku angliiskogo iazyka dlia V klassa vos'miletnei shkoly. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 127 p.

Work in the 5th grade on common expressions used in the classroom. V. A. Pentegova. Sbor. rab. kaf. angl. i nem. iaz. no. 1:123-133 '59.

ENGLISH LANGUAGE—SYNTAX

Role of "as" in forming sentences in the modern English language. E. M. Gliaas Rom.-germ filol. no. 3: 54-72 '61.

ENGLISH LANGUAGE—TENSE

Explanation of aspects and tenses of the English verb in the secondary school. G. A. Sobolevskaia. Sbor. rab. kaf. angl. i nem. iaz. no. 1:107-121 '59.

ENGLISH LANGUAGE—WORD FORMATION

Significance of productive words in the English language. N. I. Shakhova. Rom.-germ. filol. no. 3:148-162 '61

ENGLISH LANGUAGE—WORDS

Role of "as" in forming sentences in the modern English language. E. M Gliaas. Rom.-germ. filol no 3: 54-72 '61.

ENGLISH LITERATURE—HISTORY AND CRITICISM

"From the history of English literature" by M P Alekseev. Reviewed by A Elistratova Vop lit 5 no 7-229-233 Jl '61.

Klimenko, E. I. [Traditions and innovations in English literature] Traditsiia i novatorstvo v angliiskoi literature. [Leningrad] Izd-vo Leningr. univ., 1961. 190 p.

ENGLISH LITERATURE—PERIODICALS

"X" and the face of Georgen I Levidova. Vop. lit. 5 no 7 145-149 Jl '61

ENSEMBLES (MATHEMATICS) see Aggregates

ENSEMBLES (MUSIC)

(see also subdivision under Moscow; White Russia)

Twenty-five years of ovations. Ol'ga Lepeshinskaia. Ogonek 40 no. 6:16-17 F '62

ENSEMBLES (MUSIC), BASHKIR see subdivision under Moscow

ENSEMBLES (MUSIC), CHUVASH see subdivision under Moscow

ENTERIC FEVER see Typhoid fever

ENTIRE FUNCTIONS see Functions, Entire

ENVIRONMENT see Adaptation (Biology)

ENZYMES

Ivanov, I. D. [Polarography of proteins, enzymes, and amino acids] Poliarografiia belkov, enzimov i aminokislot. Moskva, Izd-vo Akad. nauk SSSR, 1961. 254 p.

ENZYMES—THERAPEUTIC USE

Enzymatic treatment of lungs diseases. D. M. Ziydnikov. Terap. arkh. no 6:3-10 '61.

EPIC POETRY, SLAVIC

Epic poetry of the Slavs. V. Gusev. Vop. lit. 5 no. 7: 211-218 Jl '61.

EPIDEMIOLOGY

Elements of epidemiology in the works of Ibn Sina [with summary in English]. M. I. Badanov. Med. zhur. Uzb no. 8 69-74 Ag '61

EPIDEMIOLOGY—CONGRESSES

First All-Union Congress of Epidemiologists, Microbiologists and Infectious Disease Specialists V. V Skvortsov. Biul. Uch. med. sov. 2 no. 6:33-36 N-D '61.

EPILEPSY

Analysis of cortical and subcortical relations in experimental epilepsy. F. P. Vedlaev. Fiziol. zhur. 47 no. 6:711-720 Je '61.

Obsessive and compulsive states and their connections to epilepsy. V. N. Bondarev. Vrach. delo no. 12:141-144 D '61

EPITHELIUM

Characteristics of differentiation and mitotic division of epithelium of the cervix uteri and vagina of mice. N. I. Volfson. Vop. onk. 7 no. 8:54-61 '61.

Location of Kupffer's cells and their interrelation with epithelial cells of the liver. Sh. R. Rasulev. Med. zhur. Uzb. no. 6:39-45 Je '61.

EPITHELIUM—DISEASES

Histochemical study of the changes in the epithelium and connective tissues during the development of an inflammatory proliferation of the epithelium [with summary in English] Ou Hao-sian [Ou Pao-hsiang] Biul. eksp biol i med. 52 no 10:110-114 O '61.

EPOXY RESINS

Determination of epoxide oxygen in foamed epoxide resins at advanced stages of hardening. S. E. Rudakova, V. V. Zharkov. Plast. massy no. 10:62-64 '61.

Synthesis and study of colored epoxide resins. A. N. Bykov, S. S. Frolov. Plast. massy no. 10:20-22 '61.

EQUATION OF STATE

Equation of state for matter of superhigh density. G. S Saakian. Izv. AN Arm. SSR. Ser. fiz.-mat. nauk 14 no. 6: 117-123 '61.

EQUATIONS

Inverse scattering problem for a one-dimensional Schrodinger equation on the entire axis [with summary in English]. V. Buslaev, V. Fomin. Vest. LGU 17 no 1:56-64 '62.

A method for solving systems of normal equations. V. I. Sal'nikov. Izv. vys. ucheb. zav., geod. i aerof. no. 4 43-48 '61.

Using Fourier's method for solving a boundary value problem for the equation $u_{yy} + K(y)u_{xx} = 0$ with data on the characteristics and line of degeneration [with summary in English]. I. A. Bliumkina. Vest. LGU 17 no. 1:111-115 '62

EQUATIONS—NUMERICAL SOLUTIONS

Sierpinski, Waclaw. [Solution of equations in integral numbers. Translated from the Polish] O reshenii uravnenii v tselykh chislakh Moskva, Gos. izd-vo fiziko-matem lit-ry, 1961. 87 p.

Stability of the solution of an infinite system of algebra equations obtained in the approximation of linear integral Volterra equations. V. R. Vinokurov. Izv vys. uchab. zav. ;mat. no. 1:100 '62.

EQUATIONS, DIFFERENTIAL see Differential equation

EQUATIONS, ROOTS OF

Necessary and sufficient conditions for the existence of roots of equations located on a unit circumference. N. P. Erugin Dokl AN BSSR 5 no 11:183-185 N '61

EQUILIBRIUM

Theory of the stability of equilibrium. I. M Zolin, M. IA. Leonov. Nauch. zap. IMA AN BSSR. Ser mashinoved. 7 no. 7 137-141 '61.

EQUIVALENT CIRCUITS

Equivalent circuit of an electric drive with an asynchronous motor and varying load. I. S. Pinchuk. Elektr shor. no. 2.150-160 '59.

ERAS see Chronology

ERBIUM—ISOTOPES

New isotope Er 169 [with summary in English]. A. A. Abdurazakov and others. Zhur. eksp. i teor. fiz. 41 no. 6:1729-1732 D '61

ERGOMETER see Dynamometer

ERGOTANINE

Dynamics of changes in the lymphatic vessels of the liver in dogs and white rats following experimental inflammation of the liver [with summary in English] A. V Kraw Arkh anat gist i embr 41 no 9 18-29 S '61

ERIVAN—AUTOMOBILE INDUSTRY

Standardization of gear chamfering methods at the Erivan Automobile Spare Part Plant T. Knyazanchian Prom. Arm. 4 no. 11:39-35 N '61

ERIVAN—CLOCKMAKING AND WATCHMAKING—MACHINERY

Automatic apparatus for shaft sorting. G. Buniazian. Prom. Arm. 4 no 11:46-48 N '61.

ERIVAN—EARTHQUAKES AND BUILDING

Results of experimental studies on the vibrations of characteristic buildings in Erivan B. K. Karapetian. Izv AN Arm. SSR. Ser. tekh. nauk 14 no 5:39-53 '61.

ERIVAN—ELECTRIC INDUSTRIES

MPP-054 and MPShchPr-54 millivoltmeters Prom. Arm. 4 no. 11:41-42 N '61.

Using Hall transducers for determining the induction of air gaps. L. Gevorkian. Prom. Arm 4 no. 11: 44-45 N '61

ERIVAN—PINE, FOSSIL

Physicomechanical properties of pine wood from the excavations of Karmir-Blur (7th century B. C.). G. A. Arzumanian, P. A. Khurshudian, A. A. IAtsenko-Khmelevskii. Dokl. AN Arm. SSR 33 no. 4:173-179 '61.

ERIVAN—TECHNOLOGY—INFORMATION SERVICES

Scientific and technical propaganda center. L Manukian NTO 3 no. 12 37-38 D '61.

ERMENEV, IVAN ALEKSEEVICH, b. 1746

Unknown paintings by I. Ermenev. S. Shilo. Iskusstvo 3 no. 12:64-65 '61.

EROSION see subdivision under Yakutia

ERRORS, THEORY OF

Investigating the patterns of error distribution in the relief generalization of large-scale surveys V. D Bol'shakov. Izv. vys. ucheb. zav., geod. i aerof no 4 19-27 '61.

"Theory of measurement errors" by IU. V. Kemnits. Reviewed by V. N. Gan'shin. Geod. i kart. no. 1.71-75 Ja '62.

ERYTHEMA

Chronic form of systemic lupus erythematosus and erythema centrifugum [with summary in English]. I. I. Lelis. Vest. derm. i ven. no 1:13-18 '62.

Erosive cetadermosis, a variety of exudative erythema. G. S. Brandorf. Vrach delo no. 6:142-144 Je '61

Treatment of multiform exudative erythema with biomycin. G. S. Zel'din. Sov. med. 25 no. 8:137 S '61.

ERYTHREMIA

Use of radioactive chromium in determining the quantity of circulating blood and total erythrocytic mass in actually healthy subjects and in patients with erythremia [with summary in English]. A. N. Tarasov. Med. i rad. no 1.45-48 '62

ERYTHROCYTES

Effect of the spleen on the adaptation of transfused erythrocytes in leukemic patients N F Klimova Probl gemat i perel krovi no 2 57-59 '62

Mechanism of favorable action of substances from the phenothiazine series -- diprazine and ethysine -- on erythrocytes preservation in blood conservation V A. Leontovich, A. G Sukhova. Probl gemat i perel krovi no 11:47-52 '61

Red blood change and oxyhemometry in myocardial infarction [with summary in English] A S Loginov Sov. med. 25 no 7 19-24 Jl '61

Simultaneous sensitization to some erythrocyte antigens. M. A. Umova and others Probl gemat i perel krovi no 11:56-58 '61.

Use of radioactive chromium in determining the quantity of circulating blood and total erythrocytic mass in actually healthy subjects and in patients with erythremia [with summary in English]. A N Tarasov Med rad no 1 45-48 '62

ERYTHROMYCIN

Kinetics of the inactivation of erythromycin in aqueous solutions [with summary in English] A. P Kondrat'eva and others. Antibiotiki 6 no 6,541-547 Je '61

Treatment of acute pyodermas with erythromycin. M. A. Teitel'man, L. V. Rybakova Sov med. 25 no. 10:138-137 O '61

ESAMBAEV, MAKHMUD

Language of the dance I. Uvarova. Az. i Afr scg no. 1 50-51 Ja '62

ESCAPES see subdivision under Portugal

ESCHERICHIA COLI

Antibiotic sensitivity in strains of coli bacilli isolated at various stages of acute radiation sickness in animals treated and not treated with antibiotics [with summary in English]. N N. Klemparskaia, N. V Raeva Antibiotiki 6 no 6:534-541 Je '61

Mechanism of the action of cycloserine stereoisomers on the microbial cell [with summary in English] E D Vyshepan, K. I Ivanova, R K Ledneva Biul eksp biol i med 52 no 10 58-60 O '61

ESENIN, SERGEI ALEKSANDROVICH, 1895-1925

"Sergei Esenin; a literary-biographical sketch" by A. V. Kulynych Reviewed by M. O Nazarevskyi. Rad lit 5 no. 4:146-148 Jl-Ag '61.

ESKI, MIRZADE, 1894-1924

Eski and his poem "The ideal " A A. Starikov. Krat soob. Inst. nar. Azii no 44 106-124 '61.

ESOPHAGUS—CANCER

Immediate and late results of radical operations in cancer of the esophagus [with summary in English] V. S. Rogacheva. Vop. onk. 7 no. 8:3-8 '61

Some problems in esophageal and gastric surgery in cancer. N. I. Krakovskii, B. E. Peterson. Sov med 25 no. 8 147-149 Ag '61.

ESOPHAGUS—DISEASES

Hormone therapy of esophagus burns. A B. Slivko Vrach delo no. 6 94-97 Je '61

Roentgenocinematographic study in some surgical diseases of the esophagus. B V. Petrovskii and others. Vop. onk 7 no. 12:38-41 '61.

ESOPHAGUS—EXPLORATION

Advantages and disadvantages of bronchoesophagoscopy under anesthesia with the use of muscle relaxants. A. N. Kabanov Vest. khir no. 5:106-110 '61.

Guard for bronchoesophagoscopic tubes to prevent their deformation by the teeth E. N Surinov. Zhur ush., nos i gorl bol 21 no. 5 83-84 S-O '61.

ESOPHAGUS—FOREIGN BODIES

Case of prolonged presence of a foreign body in a cicatricial stenosed operated esophagus. A G. Shanturov. Zhur. ush , nos i gorl bol 21 no. 5:81-82 S-O '61

Metal foreign bodies in the esophagus and pharynx. M. K. Shcherbatenko. Zhur. ush., nos i gorl. bol. 21 no 4: 71 Jl-Ag '61.

Removal of a metallic foreign body (a bolt) from the esophagus using Tikhomirov's spatula. G M. Sapozhnikova. Zhur ush., nos. i gorl. bol. 21 no. 5 72 S-O '61.

ESOPHAGUS—RADIOGRAPHY

Principles of roentgenocinematography and the possibility for its use in the examination of the esophagus and stomach. L. M. Gol'dshtein and others. Vop. onk. 7 no. 12 31-37 '61.

ESOPHAGUS—SURGERY

Extended transabdominal left-sided approach to operations on the cardia and esophagus. L. L Kraitser, O. A. Narycheva. Vest khir. no. 7 84-87 '61.

Formation of an esophageal-intestinal anastomosis. V. G. Borisov. Vest khir. no 7.87-89 '61

Technique of the free grafting of an intestine for plastic surgery of the esophagus. V. E. Filin. Azerb. med. zhur. no. 7:46-52 Jl '61.

ESOPHAGUS—TUMORS

Restoration of the patency of the esophagus in nonremovable tumors by the method of intubation. G. L. Ratner. Vop. onk. 7 no. 5 17-21 '61.

ESOPHAGUS—WOUNDS AND INJURIES

Our procedure in chemical burns and subsequent esophageal stenosis in children ["Otolaryngologia polska," No 3, 1960]. Zhur ush., nos i gorl bol 21 no 4:86 Jl-Ag '61.

ESSENCES AND ESSENTIAL OILS

Chemical composition of essential oils of marsh tea (Ledum palustre L.) from the Savans N P Kir'ialov, T. N. Naugol'naia Trudy Bot inst Ser 5 no 9 169-174 '61.

Chemical composition of ethereal oil from common pine (Pinus silvestris). Kh V Cherches, I. I Bardyshev, I A Rel'unova Zhur prikl khim. 35 no. 1 209-212 Ja '62.

ESTERS

Specific polycondensation of amino acid ethers V. V. Patrikeev, T D Kozlenko, V A Balandin Izv. AN SSSR. Otd. khim nauk no 1 170-171 Ja '62.

ESTONIA—AGRICULTURE—STUDY AND TEACHING

Let's take into consideration the special aspects of agricultural education M A Klement, Kh A Raig Vest vys shkoly 20 no 1 47-49 Ja '62

ESTONIA—COMMUNIST PARTY

Kutsar - Zabrodskaja, S. [Estonian Communist party during the 1940 socialist revolution] Eestimaa Kommunistlik Partei 1940 aasta sotsialistilikus revolutsionnis. Tallinn, Eesti Riiklik Kirjastus, 1960. 160 p [In Estonian]

Pankseiev, A. [Estonian Communist Party in its struggle for strengthening the union between the working class and the peasantry during the period 1944-1960] EKP voitlus tooliskiassi ja talurahva liidu kindlustamise eest aastail 1944-1960 Tallinn, Eesti Riiklik Kirjastus, 1961 151 p [In Estonian]

ESTONIA—COURTS

Silvet, E. [How are the District (Town) People's Courts elected in the Estonian S. S. R.; election procedure in question-and-answer form] Kuidas valitakse Eesti NSV rajoonide (linnade) rahvakohtud, valimiste kord kusimustes ja vastustes Tallinn, Eesti Riiklik Kirjastus, 1960 26 p [In Estonian]

ESTONIA—CRIMINAL PROCEDURE

Estonian S. S. R. Law, statutes, etc. [Criminal procedure code of the Estonian S. S. R.] Eesti NSV kriminaalprotsessi koodeks. Tallinn, Eesti Riiklik Kirjastus, 1961, 213 p. [In Estonian]

ESTONIA—CULTURE

Ansberg, A., and A. Tarmisto. [Economic and cultural life in the Estonian S. S. R.] Eesti NSV majandus ja kultuur Tallinn, Eesti Riiklik Kirjasus, 1960. 174 p. [In Estonian]

ESTONIA—DWELLINGS

[Problems affecting house-building in the Estonian S. S. R.] Elamuehituse kusimusi Eesti NSV-s; artiklite kogumik Tallinn, Eesti NSV Ministrite Noukogu Riiklik Ehituse ja Arhitektuuri Komitee, 1960. 117 p. [In Estonian]

ESTONIA—ECONOMIC CONDITIONS

Ansberg, A., and A. Tarmisto. [Economic and cultural life in the Estonian S. S. R.] Eesti NSV majandus ja kultuur. Tallinn, Eesti Riiklik Kirjasus, 1960. 174 p. [In Estonian]

ESTONIA—ELECTIONS

Silvet, E. [Electoral procedure for delegates of the working people of Local Councils in the Estonian S. S. R.] Eesti NSV konalike tooiranva saadikute noukogude valimiste kord Tallinn, Eesti Riiklik Kirjastus, 1961. 29 p. [In Estonian]

ESTONIA—FIELD CROPS

Raud, A., and A. Vaher. [Catalog of types of regionalized and promising agricultural crops of the Estonian S. S. R.] Eesti NSV-s rajoonitud ja perspektiivsete pollumajanduskultuuride sortide kataloog Tallinn, Eesti Riiklik Kirjastus, 1960. 25 p.
(DA)

ESTONIA—FISH CULTURE

Toolsen, U. [Utilization of inland waters] Siseveekogude majandamisest. Tallinn, Eesti Riiklik Kirjastus, 1960. 146 p. [In Estonian]

ESTONIA—FORESTRY RESEARCH

Eesti NSV Teaduste akademia. Zoologia ja Botaanika Instituut. [Forestry research in the Estonian S. S. R.] Lesovodstvennye issledovanila v Estonskoi SSR. Tartu, 1960. 64 p.
(DA)

ESTONIA—GEOLOGY, STRATIGRAPHIC

Aaloe, A., and others. [Stratigraphic review of the Paleozoic and Quaternary deposits of Estonia] Ulevaade Eesti aluspohja ja pinnakatte stratigraafiast. Tallinn, Eesti NSV Teaduste Akademia Geoloogia Instituut, 1960. 61 p. [In Estonian]

ESTONIA—HISTORY

Eesti NSV Teaduste akademia. Ajaloo Instituut. [History of the Estonian S. S. R. in three volumes] Istoriia Estonskoi SSR v trekh tomakh. Pod red. A Vassara i G Naana Tallin, Estonskoe gos. izd-vo
Vol. I. [From the ancient period to the middle of the 19th century] S drevneishikh vremen do seredlny XIX veka 1961 954 p

Eesti NSV Teaduste akadeemia. Ajaloo Instituut. [Union of Estonia and Russia and its historical significance; comprehensive studies] Eesti uhendamise st Venemaaga ja selle ajaloolisest tahtsusest; kohlumiste Tolmetanud A Vassar. Tallinn, Eesti Riiklik Kirjastus, 1960. 268 p. [In Estonian]

Ligi, Herbert. [Conditions and class struggle of the Estonian peasants at the start of the Livonian War (1558-1561)] Eesti talurahva olukord ja klassivoitlus liivi soja algul, 1558-1561. Tallinn, 1961. [In Estonian with summaries in Russian and German]

ESTONIA—ICHTHYOLOGY

Rialkok, J. [Ichthyophenological observations in the Estonian S. S. R. during 1951-1955] Ihtuofenoloogilisi vaatlused Eesti NSV-s, 1951-1955. Tartu, Eesti NSV Teaduste Akadeemia, 1961. 71 p. (Abiks Loodusevaatlejale, no. 42) [In Estonian, Russian and German]

ESTONIA—INDUSTRIES

Technological progress and the local industries. IA. Tepandi Mest. prom i khud. promys. 2 no. 1 '7 Ja '61.

Veimer, A. [Socialist industrialization of the Estonian S. S. R.] Eesti NSV sotsialistlik industrialiseerimine Tallinn, Eesti Riiklik Kirjastus, 1958. 389 p. [In Estonian]

ESTONIA—LEGISLATION

Estonian S. S. R. Laws, statutes, etc. [From the history of constitutional legislation of Soviet Estonia, collection of documents] Noukogude Eesti konstitutsioonilise seadusandluse ajaloost; dokumentide kogumik. Tolmetanud J. Saat. Tallinn, Eesti Riiklik Kirjastus, 1960. 136 p. [In Estonian]

ESTONIA—LIBRARIES

Voskimagi, K. [One hundred years in the service of the people, from the Tarvastu Parish Library to the Mustla Municipal Library (1860-1960)] Sada aastat rahva teenistuses, Tarvastu kihelkonna raamatukogust Mustla linna raamatukogunl 1860-1960 Tallinn, Eesti Riiklik Kirjastus, 1960 51 p. [In Estonian]

ESTONIA—MUNICIPAL SERVICES

The Estonian S.S.R. Zhil.-kom. khoz. 11 no. 10 '? O '61.

ESTONIA—POLITICS AND GOVERNMENT

Brandt, E. [Equal among equals] Voi che voridaele hulgas Tallinn, Eesti Riiklik, Kirjastus, 1910 177 p. [In Estonian]

Estonian S. S. R. Ulemnoukogu. [Meetings of the Fifth Supreme Soviet of the Estonian S. S. R., fourth session, January 5-6, 1961] Eesti NSV Ulemnoukogu viienda koosseisu, neljas istungjark, 5-6 jaanuar il 1961, stenogramm Tallinn, Eesti Riiklik Kirjastus, 1961 178 p. [In Estonian]

Schneider, H., comp. [Deputy's manual] Rahvasaadiku kasiraamat. Tallinn. Eesti Riiklik Kirjastus, 1960. 317 p. [In Estonian]

ESTONIA—RELATIONS (GENERAL) WITH FINLAND

Creative exchange. Kamer Ird. Kul't. i zhizn' 5 no. 6: 33-34 '61.

ESTONIA—RUSSIAN SOCIAL DEMOCRATIC PARTY

Eestimaa Kommunistlik partei. Keskkomitee. Partei Ajaloo Instituut. [Outline history of the Communist Party of Estonia] Ocherki istorii Kommunisticheskoi partii Estonii. Pod red. A. Panskeeva, A. Libmana. Tallin, Estonskoe Gos. izd-vo.
Pt. I. [(From 1890 to 1920)] 90-e gody XIX veka - goda. 1920 god.

ESTONIA—SPRUCE

Hainla, V., and U. Valk. [Spruces growing in Estonia] Eestis kasvavad kuused. Tartu, Eesti NSV Teaduste Akadeemia, 1961. 77 p. (Abiks Loodusevaatlejale, no. 45) [In Estonian with summary in English]

ESTONIA—STARCH

From construction and operation experience of the first Estonian starch factory on a collective farm A. A Sikka Sakh prom 35 no. 11:56-60 N '61

ESTONIA—THEATER

Lumet, H., comp. [Theaters of Soviet Estonia] Teatry Sovetskoi Estonii. Tallinn, Estonskoe gos. izd-vo, 1956. 131 p. illus.

ESTONIA—VOCATIONAL EDUCATION—CONGRESSES

Rally of students and personnel of the vocational and technical schools of Estonia. A. Shishkin. Prof.-tekh obr 19 no 1.7 Ja '62.

ESTONIA—WAR CRIME TRIALS

Fascist butchers. G. Grigor'ev. Sots. zakon. 30 no. 1: 73-74 Ja '62.

ESTONIAN BALLADS AND SONGS

Kreutzwald, F. R. [Kalvipoeg; critically revised text with commentaries and other addenda] Kalevipoeg, tekstikriitiline väljaanne koos kommentaaride ja muude lisadega Tallinn, Eesti Riiklik Kirjastus. [In Estonian]
Vol. I 1961 510 p

ESTONIAN LANGUAGE—DIALECTS

Eesti NSV Teaduste Akadeemia. Keele ja Kirjanduse Instituut [Estonian dialects] Eesti murded. Tallinn, Eesti Riiklik Kirjastus [In Estonian with summaries in Russian and German]
Vol. I Tanning, Salme [Texts in the Mulgi dialect] Mulgi murdetekstid 1961 285 p.

ESTONIAN LANGUAGE—TEXTBOOKS FOR FOREIGNERS—RUSSIAN

Aben, Karl. [Textbook of the Estonian language for higher educational institutions, beginning course] Uchebnik estonskogo iazyka dlia vysshikh uchebnykh zavedenii; nachal'nyi kurs. 2. izd Tallinn, Estonskoe gos. izd-vo, 1960 292 p

Pall, E. [Textbook of the Estonian language] Uchebnik estonskogo iazyka. Tallin, Estonskoe Gos. izd-vo, 1955. 300 p. [In Russian and Estonian]

ESTONIAN LITERATURE—HISTORY AND CRITICISM

[On the paths of literature, articles and reviews, 1959] Kirjanduse radadelt, artikleid ja arvustusi 1959. Tallin, Eesti Riiklik Kirjastus, 1961. 326 p. [In Estonian]

ESTONIAN LITERATURE—PERIODICALS

Nos. 3 and 4 of "Keel' ia kirjandus" ("Language and literature") for 1961 Vop. lit. 5 no 7 235-236 Jl '61.

Nos. 5 and 6 of "Keel' ia kirjandus" ("Language and literature") for 1961. Vop. lit. 5 no 8, 244 Ag '61

ESTUARIES

Development of research on the hydrological regime of river estuaries. M. I. Zotin. Biul. Okeanokom. no. 8; 49-54 '61.

ESTUARIES—BIBLIOGRAPHY see Bibliography—Estuaries

ETHANE

Catalytic dehydrogenation of propane and ethane. V. V. Keltsev, N. I. Vinnikova Trudy VNIIGAZ no 12:187-194 '61.

Incomplete oxidation of ethane and propane in electrical charges. S. P. Gudkov. Trudy VNIIGAZ no. 12;133-142 '61.

Polarographic analysis of some analogs of DDT. N. P. Romazanovich, K. G. Berezina. Zav. lab. 27 no 12: 1453 '61

Results of the destructive hydrogenation of condensation products of toluene with dichloroethane I. I. Eru, M. M. Podorozhanskii Koks i khim no. 8;47-49 '61.

Thermodynamic properties of ethane V. A. Zagorucheuko. Khol. tekh 38 no 6 66-71 N-D '61.

ETHANOL

Present stat of the theory of the synthesis of ethylene chlorohydrin. L. A. Shilov. Zhur. prikl. khim. 35 no. 1 225-227 Ja '62.

ETHERS

Mechanism of vinyl ether hydrolysis. Hydrolysis of vinyl ethyl, vinyl isopropyl, and vinyl-n- butyl ethers L. A. Kirpichnova, A. F. Rekasheva. Dokl. AN SSSR 142 no 3 589-592 Ja '62

Polymerization of vinyl butyl ether in an ultrasonic field. V. V. Sal'nikov and others. Zhur. prikl. khim. 35 no. 1:214-217 Ja '62.

Synthesis and properties of vinyl ethers of some higher phenols. A. V. Kalabina and others. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 4;626-631 '61.

Synthesis and some properties of α,β-dichloroethyl ethers of the aromatic series. A. V. Kalabina, N. A. Tiukavkina, M. P. Terpugova. Izv. vys. ucheb. zav. i khim. i khim. tekh. 4 no. 4 632-635 '61.

ETHICS

Marxist ethics and the problem of value (with summary in English, p. 182). K. I. Gulian. Vop. filos. 16 no. 1: 39-53 '62.

Nature of ethical categories. L. M. Arkhangel'skii. Nauch. dokl. vys. shkoly; filos. nauki 4 no. 3;117-125 '61.

ETHICS, COMMUNIST see Communist ethics

ETHIOPIA—FOREIGN RELATIONS—GREAT BRITAIN

English policy in Ethiopia, 1846-1868. V. Trofimov. Krat. soob. Inst. nar. Azii no 45:18-37 '61.

ETHNOLOGY

(see also subdivision under Angola; Assam, Azerbaijan; Malaya; Pastrovici Province, Dalmatia; Russia, Northern; Saudi Arabia, Thrace; Vietnam)

Ethnological materials in the "Travels, adventure, fantasy" geographical series, 1957-1961 L. Feinberg. Sov. etn. no. 5 158-162 S-O '61.

M. V. Lomonosov and Russian ethnology, on the 250th anniversary of his birth [with summary in English] N. N. Stepanov. Sov. etn no 5 107-123 S-O '61

The oldest ethnological drawings in Russia, table from a 17th century manuscript collection G. G. Gromov. Sov etn no. 5 134-139 S-O '61.

Principal tasks of Soviet ethnology in the light of the decisions of the 22d Congress of the CPSU. Sov. etn. no 6: 3-8 N-D '61.

ETHNOLOGY—BIBLIOGRAPHY see Bibliography—Ethnology

ETHNOLOGY—CONGRESSES

First session of the Working Organizational Committee of the Seventh International Congress of Anthropologists and Ethnologists K. IAkimova Sov etn. no 5:116-118 S-O '61.

ETHNOLOGY—MAPS

Main problems in ethnic cartography (with summary in English) V. I. Kozlov Sov etn. no. 5:9-26 S-O '61

ETHNOLOGY—PERIODICALS see subdivision under United States

ETHYL ALCOHOL

Physicochemical analysis of the system aniline - ethyl alcohol, viscosity, density, and surface tension. K. N. Kovalenko, N. A. Trifonov Uch. zap. RGU 41:15-50 '58.

ETHYLENE

Calculation of the thermodynamic properties of gaseous solutions of water in ethylene and the plotting of thermal diagrams. D. S. TSiklis, A. I. Kulikova, L. I. Shenderei. Khim. prom. no. 1:52-56 Ja '62.

Effect of symmetrical triazine derivatives on the stability of poly (vinyl chloride). Z. V. Popova and others Zhur. prikl. khim. 35 no. 1 164 Ja '62.

Liquid-vapor equilibrium in the ethylene - benzene system. S. G. Liubetskii. Zhur. prikl. khim. 35 no. 1: 141-147 Ja '62.

Self-hydrogenation of C_2H_4 and C_3H_6 in a separate and simultaneous chemisorption of these gases on Pt, Pd, and Ni films. A. G. Popov, R. E. Mardaleishvili Vest. Mosk. un Ser 2, Khim. 17 no 1:34-38 Ja-F '62.

Waterproof polyfluoroethylene films (from "Modern Plastics," no. 8, 1960). Plast. massy no. 10:70 '61.

ETHYLENE—TOXICOLOGY

Bone changes in chronic intoxication with olefins and vinyl chlorides N. A. Smirnova. Vest. rent. i rad 36 no 5 63-66 S-O '61

ETHYLENEDIAMINE

Interaction of ethylenediamine with organic acids and acid anhydrides D. E. Dionis'ev, N. V. Magakian Uch. zap. RGU 41:69-81 '58.

EUROPE—ATMOSPHERIC TEMPERATURE

Nature of the relationship between the thermal state of the North Atlantic and the air temperature in Europe. S. T. Pagava. Meteor. i gidrol. no. 1:10-18 Ja '62.

EUROPE—GEOLOGY, STRUCTURAL

Tectonic development of the alpine folded area in southeastern Europe and Asia Minor. M. V. Muratov. Izv. AN SSSR, Ser. geol. 27 no. 2;3-24 F '62.

EUROPE—INTERCONNECTED ELECTRIC UTILITY SYSTEMS

Interconnection of the electric power systems in Western Europe and their further development (from "IIP Working Paper," no. 189, 1960). T. G. Timofeev. Prom. energ. 16 no. 7:47-50 Jl '61.

EUROPE, EASTERN—CONSTRUCTION INDUSTRY—INTERNATIONAL COOPERATION

Cooperation of socialist countries' economies of construction Ekon D '61.

EUROPE, EASTERN—ECONOMIC C

Role of European people's democr competition between the two worl Klimko. Trudy KTIPP no. 23;57

EUROPE, EASTERN—LAW

Form and content of law in Eur ope M. A. Gel'fer. Izv. vys. ucheb zav 132 '61.

EUROPE, EASTERN—WORKS COU

New organizational forms of the pr in the administration of industria European people's democracies. gos. i pravo 32 no. 2;92-101 F

EUROPE, WESTERN—INVESTMEN

Penetration of American capital in participating in the "Common Ma Ekon. Rad. Ukr. no. 6:108-114 N

EUROPE, WESTERN—PETROLEUM

Oil monopolies of the U.S.A. in W V. Kosova. Mir. ekon. i mezhdun Ja '62.

EUROPE, WESTERN—SOCIALIST PARTIES

Present-day reformism in the labor movement of Western Europe A. S Chernaev Vop ist KPSS 6 no 1 95-111 '62

EUROPEAN COMMON MARKET

Contradictions of the Common Market. N. Osipenko Nov vrem. 20 no 9,4-7 F '62

Crisis of the "zone of the seven." A Rubinin Vnesh. torg 12 no. 1 29-31 '62

EUROPEAN WAR, 1914-1918

Precarious period of a war and vigilance. V. Zemskov, A. Bulatov. Voen. vest. 41 no. 9:31-33 S '61.

EUROPEAN WAR, 1914-1918—CAMPAIGNS

Zaitsov, A. A. [General staff duty] Sluzhba General'nogo Shtaba, New York, Izd-vo "Voennyi vestnik," 1961 200 p.

EUSTACHIAN TUBE

Tuba auditiva in man at an early age [with summary in English] N. A. IAkutkina Zhur. ush., nos. i gorl. bol. 21 no 5 66-69 S-O '61.

EVAPORATING APPLIANCES

Automation of defrosting commercial refrigerating equipment evaporators by hot freon vapor I. I. Govenchik. Khol. tekh. 38 no. 6 31-33 N-D '61

Graphic and analytic calculation of finned evaporators and condensers. B. S. Veinberg. Khol. tekh. 38 no. 3: 18-23 My-Je '61.

Jet pump for the recirculation of liquids in an evaporator. V. N. Zamkovets, T. M. Sutyrina. Khol. tekh. 38 no. 1 51-54 Jl-Ag '61.

EVAPORATION

Estimating the evaporation from the water surface. B. I. Ognev, IU N Kozlov. Meteor. i gidrol no. 1 34-36 Ja '62

Evaluating methods of determining evaporation and other components of the water balance of farm fields. A. R. Konstantinov, O V. Popov, V F. Pushkarev. Trudy Ukr NIGMI no 30 10-30 '61.

Notes on the technique of measuring evaporation from farm fields. A. R. Konstantinov. Trudy Ukr NIGMI no 30 31-40 '61.

EVDOKIMOV, NIKOLAI

"The sinner"; a tale by N. Evdokimov. Reviewed by M. Kopeliovich, A. Lopatin Oktiabr' 38 no. 7:213-215 Jl '61.

EVENING AND CONTINUATION SCHOOLS

(see also subdivision under Chistyakovo; Chuvashia; Donets Basin; Leningrad; Moscow)

Development of technical thinking in student workers. I. I. Averbukh. Sred spets. obr. 0 no. 1;17-24 Ja '62.

"Educational work in evening (staggered) schools" by L. I. Rozina, V. I. Bol'shakov, A. G. Umanskii. Reviewed by M. A. Sheikhanov. Vech. sred. shkola 4 no. 6 86-87 N-D '61.

Evening schools need special curricula. A. IAntsov. Nar. obr. no. 1;89-93 Ja '62.

Higher education without interruption of work. A G Lebedev Vest. vys. shkoly 20 no. 1,13-18 Ja '62.

In the Ministry of Higher and Secondary Education of the U. S. S. R. Vest. vys. shkoly 20 no 1 57 Ja '62.

Let's develop research on the education of working youth. Rad. shk. 40 no. 1;95-96 Ja '62.

Let's improve the training of those who work and study. Vest. vys. shkoly 20 no 1,0-12 Ja '62

Man of the new world. Vech. sred. shkola 4 no. 6:0-13 N-D '61.

Results of the discussion of V. S. Tarasov's article

EVOLUTION (Continued)

Some results of the research on problems in the evolution of functions, based on materials from the Third Conference on Evolutional Physiology Dedicated to the Memory of L. A. Orbeli'. F. P Vedilaev, A. E. Lichko. Fiziol zhur. 47 no. 10 1333-1338 O '61

EXAMINATIONS, MEDICAL see Diagnosis

EXCAVATING MACHINERY

Barsegian, V. A., and M. B. Bel'kind. [Machinery for digging foundation holes for overhead contact-system poles] Mashiny dlia razrabotki kotlovanov pod opory kontaktnoi seti Moskva, Vses izdatel'sko-poligr ob"edinenie M-va putei soobshcheniia, 1961 87 p (Bibliotechka stroitelia-mekhanizatora)

"Bucket excavators" by N. G. Dombrovskii, S. A Pankratov Reviewed by M. I. Gal'perin, B. I. Satovskii Mekh. i avtom proizv 16 no 1:57 Ja '62

Determination of the basic parameters of the operation of wheeled scrapers in digging pits A N Turenko. Nauch. zap. Ukrniiproekta no. 2 130-132 '60

From the work practices of Tevos Gukasian, excavator operator Sh. Gasparian. Prom Arm 4 no 11: 54-55 N '61

Innovations in the automatic control of a rotary excavator. A. L. Prots, V. IU. Chudnovskii. Bezop. truda v prom 5 no 12 20 D '61

EXCAVATING MACHINERY—ELECTRIC DRIVING

Automatically controlled main electric drive of a multi-bucket excavator. A F Kotov, L. V. Gul'ko, IU. A. Birov. Nauch. zap Ukrniiproekta no. 2 152-162 '60

EXCAVATING MACHINERY—EQUIPMENT AND SUPPLIES

"Excavating machinery cables" by A. V. Linkov. Reviewed by G K. TSverava Prom. energ. 15 no. 7 61-62 Jl '60.

EXCAVATING MACHINERY—TESTING

Using a measuring bucket attached to the rotor wheel of an excavator to determine the three component cutting forces and the coordinates of application of their resultants. R. IU. Poderni. Izv vys. ucheb zav. ,gor zhur. no 11:76-83 '61.

EXCAVATION see subdivision under Kremenchug Hydroelectric Power Station

EXCAVATIONS (ARCHAEOLOGY) see subdivision under Dal'verzin, Novo-Otradnoye; Taman Bay region

EXCRETORY ORGANS

Reflex effects from the chemoreceptors of the excretory system on the lymph circulation [with summary in English]. M. I. Kokhanina Biul. eksp biol i med 52 no. 8, 18-21 Ag '61

EXERCISE

Characteristics of physiological and chemical adaptation of the body to muscular activity in relation to the length of rest intervals between tasks during training N. N. IAkovlev and others. Fiziol zhur 47 no 6:752-757 Je '61.

Electrophysiological study of fatigue in muscular work. A. S. Stepanov, M. L Burlakov. Fiziol zhur 47 no 6 735-740 Je '61.

Stress during muscular exercise and the condition of non-specifically increased resistance of the body N. V. Zimkin. Fiziol. zhur. 47 no 6 741-751 Je '61

EXERCISE THERAPY

Avdulina, A. S. [Do you know how to breathe? Conversations with a specialist in exercise therapy] Umeete li vy dyshat', besedy metodista lechebnoi gimnastiki Moskva, Izd-vo "Znanie," 1961. 35 p. (Vsesoluznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 8 Biologiia i meditsina, no 23)

...nud, medical gymnastics and ... with chronic infectious non-

Exercise therapy in the compound treatment of neurasthenia O. V Kamentseva Vop kur , fizioter i lech fiz kul't 26 no. 1 297-300 Jl-Ag '61.

External respiration in patients with tuberculosis who have received exercise therapy before and after a resection of the lungs I. S. Kolesnikova, Vest khir no 5:59-65 '61

Treatment of gastric and duodenal peptic ulcer by Chinese respiratory exercises (pneumotherapy) and Shostakovskii's balsam [in Azerbaijani with summary in Russian]. N. Z. Vezirova, S IA. Kiavchinskaia Azerb. med. zhur. no 7 57-62 Jl '61.

Use of exercise therapy in diseases of the respiratory organs at a clinic for internal diseases N IA Eglit Vop kur , fizioter i lech fiz. kul't. 24 no 6:539-546 N-D '59.

EXHAUSTION see Fatigue

EXHIBITION BUILDINGS see subdivision under Moscow

EXHIBITIONS see subdivision under Brno, Kiev, London; Moscow, Paris

EXPANSION (HEAT)

Coefficient of the thermal expansion of gallosilicate and aluminosilicate glasses in dependence on their composition. S K. Dubrovo Zhur prikl khim. 35 no. 1 47-51 Ja '62

EXPANSION CHAMBER see Cloud chamber

EXPERT EVIDENCE see Evidence, Expert

EXPLORERS

Calendar of noteworthy dates. Geog. v shkole 25 no. 1 86-88 Ja-F '62

EXPLOSIONS

Explosion hazardous medium in Class V-1b premises. I. IA. Pikman. Prom energ. 16 no 6:37-38 Je '61.

EXPLOSIVES

(see also subdivision under Rumania)

Effect of the properties of a charge of explosive on the destruction of blocks of cement mortar. A. F. Beliaev, L. I. Azbukina Vzryv. rab no. 4,6-17 '60.

EXTENSOMETER

Electric extensometer unit for testing the mechanical properties of yarn subjected to tension. A V Matukonis Izv vys. ucheb. zav. ,tekh. tekst prom no 6 16-21 '61.

EXTRACTION (CHEMISTRY)

Determining the solid state resistance to diffusion in the process of extracting vegetable oils. V I Serduk Izv vys ucheb zav., pishch tekh no 5 140-143 '61

Effect of the number of contact treating stages on the extraction process indices. M. F Bondarenko, A. A. Gallis, A. A. Kondrat'ev Khim i tekh. topl i masel 7 no. 2 12-16 F '62

Processing unhulled cottonseeds by extraction method without preliminary pressing A L Markman, A I. Glushenkova Izv vys. ucheb zav , pishch tekh no 5 49-52 '61

EXTRACTION APPARATUS

Investigation of longitudinal mixing in rotor-disk extractors S. Z. Kagan, T. S. Volkova, M. E. Aerov. Khim prom. no 12:861-865 D '61

EXTRACTS

Preparation of aqueous extracts from the grass, Thermopsis. Z M. Mitiagina, IU P. Starikova. Trudy Perm. farm. inst. no. 1 69-73 '59.

EYCK, HUBERT VAN, 1366-1426

Painting technique of the Van Eycks. A. Laktionov, A Vinner. Iskusstvo 24 no 12,55-61 '61

EYCK, JAN VAN, 1390-1440

Painting technique of the Van Eycks. A. Laktionov, A. Vinner. Iskusstvo 24 no 12,55-61 '61

EYE

Histochemical characteristics of ascorbic acid in the eye in acute radiation sickness [with summary in English]. V. M. Abdullaev. Med. rad. no. 7:35-39 '61.

Measurement of the wave aberration of the human eye [with summary in English]. M. S. Smirnov. Biofizika 6 no. 6, 687-703 '61.

EYE—ACCOMODATION AND REFRACTION

Boundaries of the color field of sight at different refractions of the eye. Z. T. Kulieva. Azerb. med. zhur. no. 7 39-45 Jl '61.

Study of the sensitization of the eye adapted to darkness during the prolonged action of subliminal stimuli [with summary in English]. L. D. Chainova. Vop. psikhol. 7 no. 6:147-153 N-D '61.

EYE—DISEASES AND DEFECTS

Deciphering the developmental cycle of the nematode Thelazia callipaeda parasitic in the eye of man and carnivorous mammals D P. Kozlov. Dokl. AN SSSR 142 no. 3 732-733 Ja '62

Formation of scrofulous-like phlyctenae of psychogenic origin, a case from practice A A Nesterov. Sov med 25 no 7 151 Jl '61

Radnot, M. [Atlas of eye diseases] Atlas glaznykh boleznei. Budapest, Izd-vo Akad. nauk Vengrii. Vol. 1. 1962. 188 p. (DNLM)

EYE—INNERVATION

Effect of pilocarpine and atropin on the size of the pupil and intraocular pressure in rabbits in normal conditions and in disorders of the innervation of the eye N. V. Bekauri and others Fiziol zhur 47 no. 7:821-825 Jl '61

EYE—MOVEMENTS

Mechanisms of eye movements in the process of visual perception and their pathology (Simultaneous agnosia and optic ataxia) [with summary in English] A. R Luriia, E. N. Pravdina-Vinarskaia, A L IAr'bus. Vop psikhol 7 no 5 159-172 S-O '61

Photographic method for the recording and time scanning of nystagmus and voluntary eye movements [with summary in English]. M. M. Levashov, V V Sinkerman Zhur. ush ,nos i gorl bol 21 no 4 21-24 Jl-Ag '61.

EYE—MUSCLES

Presence of phasic and tonic neuromotor units in the oculomotor apparatus of rabbits D. P Matiushkin Fiziol. zhur. 47 no. 7:878-883 Jl '61

Study of the motor apparatus of the eye in neurosurgical practice G. P. Kornilanskii, A. R. Shakhnovich Vop neirokhir. 25 no. 1 64-70 '62

EYE—WOUNDS AND INJURIES

Characteristics of eye burns by chloracetophenone. I A. Gusev. Med. zhur Uzb. no. 7 62 Jl '61

Eye burns caused by solution for cornea T IA Kasymov, O G Levchenko Med. zhur Uzb no 7 63 Jl '61.

Reactions to radiation action and injuries of the eye during radiotherapy of skin cancer of the face and eyelids. IU A Bystrova Med. rad. no. 6:17-22 '61.

EYELIDS—CANCER

Reactions to radiation action and injuries of the eye during radiotherapy of skin cancer of the face and eyelids IU. A. Bystrova. Med. rad. no. 6, 17-22 '61.

Treatment of skin cancer of the eyelids and corners of the orbital fissure V I Mitasov. Med rad no 9 5-10 '61

FABLES

Contemporaneity of an old genre. A I pelin. Vop lit. 5 no. 7 36-53 Jl '61

FABLES, GREEK

Relationship of ancient Indian and ancient Greek fables. P. A. Grintser. Krat soob Inst nar. A. i. no 57 26-30 '61

FABLES, INDIAN

Relationship of ancient Indian and ancient Greek fables. P. A. Grintser Krat soob Inst nar Azii no 57 26-30 '61

FABRICS, CREASE-RESISTANT see Crease-resistant fabrics

FACE—CANCER

Reactions of radiation action and injuries of the eye during radiotherapy of skin cancer of the face and eyelids. IU. A. Bystrova. Med. rad. no 6:17-22 '61.

FACIAL PARALYSIS see Paralysis, Facial

FACTORIES see subdivision under Ukraine; Volgograd

FACTORIES—DESIGN AND CONSTRUCTION

Grifsevskii, B. P. [Public and industrial buildings] Grazhdanskie i promyshlennye zdaniia. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit USSR, 1961 433 p.

Over-all modernization of designing A. F. Zinov'ev. Khim. prom. no. 9 12-13 S '61.

Some problems in developing dimensional designing M G. Krotik-Korotkevich Khim prom no. 9 14 S '61.

FACTORIES—FIRES AND FIRE PREVENTION see subdivision under Riga

FACTORIES—HEATING AND VENTILATION

Construction of isotherms and lines of flow S. I. Strizhenov. Sbor. trud. NIIST no 7 166-173 '61.

FACTORIES—MAINTENANCE AND REPAIR

Mechanizing the cleaning up of industrial areas. V. A Nizhegorodtsev Mashinostroitel' no. 1 37-39 Ja '62.

FACTORY LIBRARIES

In the center of industrial life. N Vereshchagin. Bibliotekar' no 1 24-27 Ja '62

FACTORY MANAGEMENT

Determining the degree of mechanization and automation of production processes. N. S. Preobrazhenskaia. Avt. prom. 27 no. 12:1-5 D '61

"Economists volunteer workers promoting the utilization of hidden potentialities of industrial production " Reviewed by N. Sergeev. NTO 4 no. 1 51 Ja '62

FACTORY MANAGEMENT (Continued)

Fedorov, B. F., and F. P. P'iankov. [Establishing norms for fitting and assembling operations] Normirovanie slesarno-sborochnykh rabot Moskva, Mashgiz, 1961 49 p (Biblioteka slesaria - sborshchika, no 11)

"Fundamentals of technical preparation of production processes in the machinery industry" by V B Gokun Reviewed by V V Kuz'min Vest mash 42 no 1:86-89 Ja '62

FACTORY MANAGEMENT—BIBLIOGRAPHY see Bibliography—Factory management

FADEEV, ALEKSANDR ALEKSANDROVICH, 1901-1956

Aleksandr Fadeev on the motion-picture play "Chapaev" V. Puzyrev. Neva no. 6:194-195 '61.

Fadeev's father. A. Kisel' Neva no. 12:208-209 '61

FADEEV, ALEKSANDR IVANOVICH, 1863-1916

Fadeev's father. A Kisel' Neva no. 12:208-209 '61.

FAITH CURE

Zhukova, E. D. [Wisdom of the people] Narodnaia mudrost'. [Vladimir] Vladimirskoe knizhnoe izd-vo, 1960. 34 p.

FALLOPIAN TUBES—SURGERY

Repeated pregnancy in two women after surgery on the uterine tubes for the purpose of sterilization N S Zhuk Akush i gin. no 5 118-119 '61.

FANS, MECHANICAL

Centrifugal fans with shaped blades of the Mining Institute of the Academy of Sciences of the Ukrainian S S R V. S. Pak, G. A. Babak. Sbor. trud Inst. gor dela AN URSR no. 7:10-24 '61.

Effect of the number of impeller blades on the aerodynamic characteristics of centrifugal fans V V. Pak Sbor. trud. Inst. gor. dela AN URSR no. 7:70-90 '61

Semiduberskii, M. S. [Pumps, compressors, ventilators] Nasosy, kompressory, ventiliatory. Izd. 2., perer. i dop. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 287 p.

Study of VTSO and TS51-18 centrifugal fans equipped with a rotary radial diffuser of the Mining Institute of the Academy of Sciences of the Ukrainian S. S R G. A. Babak. Sbor. trud. Inst. gor. dela AN URSR no. 7:62-69 '61.

Technical and economic indices of mine fans of main ventilation systems used in the U. S. S. R G. A. Babak, O. M. Shchukina. Sbor. trud. Inst. gor dela AN URSR no. 7:3-9 '61.

Torsional vibrations of the cover disk of a mine centrifugal fan. D. IA. Moiseenko. Sbor. trud Inst. gor dela AN URSR no. 7:127-135 '61.

Use of a radial diffuser in aerodynamic systems of mine centrifugal fans. V. G. Lavrik. Sbor. trud. Inst. gor dela AN URSR no. 7:46-61 '61

FAR EAST, SOVIET see Soviet Far East

FARM BUILDINGS

Construction of a thin-walled precast reinforced concrete vault for farm buildings in earthquake districts. A M. Medetbekov. Trudy TSNIISK no. 6 241-250 '61

FARM EQUIPMENT see subdivision under Kursk

FARM LIFE

(see also subdivision under Amur Province)

[Rural communists; sketches] Sel'skie kommunisty; ocherki. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 239 p.

FARM MANAGEMENT

Methods for determining the optimum sizes of agricultural enterprises. D. Muratov. Vop. ekon. no. 2: 111-120 F '62.

FARM MECHANIZATION

(see also subdivision under Altai Territory, Ukraine)

"Mechanized planting of corn without using manual labor" by Z. Kh. Shautsukov. Reviewed by P. G. Luchkov. Vest. sel'khoz. nauki 6 no 11 157-158 N '61.

Mozintsev, M. D. [For effectiveness in propaganda work] Za dilovist' agitatsiinoi roboty. [Kharkiv] Kharkivs'ke knizhkove vyd-vo, 1961. 23 p. (Agitator dilyt'sia dosvidom)

Prompted by life. S. Gvozdeva. NTO 3 no 12: 10-11 D '61

V. I. Lenin on the socialist transformation of agriculture and the development of the supply of equipment and machinery for collective farms. I E. Tkachenko Sbor. nauch. rab. kaf. polit. ekon. vuzov g Khar. no 3: 81-94 '60.

Valkadaeu, Petr. [Andrei Khudzinkou, a machinery operator] Mekhanizatar Andrei Khudzinkou. Minsk, Dziarzh. vyd-vo BSSR, Red. masavn-palit. lit-ry, 1961. 43 p. (Nashy suchasniki)

FARM MECHANIZATION—STUDY AND TEACHING

Final lesson. I. Kaptiushin. Prof. -tekh. obr. 19 no. 1: 10 Ja '62.

Let's give more independence to students. E. Boglai. Prof. -tekh. obr. 19 no. 1 10 Ja '62.

We are improving the practical laboratory exercises. T. Ermoshin. Prof. -tekh. obr. 19 no. 1:11-12 Ja '62.

FARM PONDS see subdivision under Orenburg Province

FARM PRODUCE

(see also subdivision under Ukraine)

Valuables but not waste. I. Vol'per NTO 3 no. 12 20-22 D '61

FARM PRODUCE—ANALYSIS see subdivision under Tajikistan

FARM PRODUCE—MARKETING

Collective farm market V. Morozov. Vop. ekon. no. 2: 58-67 F '62.

FARM PRODUCE—TRANSPORTATION see subdivision under Chuvashia

FASCIAE (ANATOMY)

Lymphatic system of the fascia of the upper extremities [with summary in English] E B Safiannikova. Arkh. anat gist. i embr. 41 no 9 93-102 S '61.

FASCISM see subdivision under Austria

FAT

Significance of fat reserves of the cell for its reactivation after radiation injury V M. Alekseeva, M N Meisel' Dokl AN SSSR 142 no 3 699-701 Ja '62

FAT—PHYSIOLOGICAL EFFECT

Depression of the physiological function of the anti-coagulation system as a consequence of an atherogenic diet [with summary in English] G G Bazazi'an and others Biul. eksp. biol i med 52 no. 10-26-30 O '61.

FATIGUE

Electrophysiological study of fatigue in muscular work. A. S. Stepanov, M. L Burlakov. Fiziol. zhur 47 no. 6: 735-740 Je '61.

FATTY ACIDS see Acids, Fatty

FEDCHENKO GLACIER—WINDS

Weather on the Fedchenko Glacier during different synoptic situations. V. A. Dzhordzhio, V. N. Kolesnikova, M A. Petrosiants. Trudy Sred.-Az. nauch.-issl. gidrometeor. inst no. 4 77-91 '61.

FEDERAL GOVERNMENT

"Marxism-Leninism on the federal form of government" by G. V. Aleksandrenko Reviewed by S. Makohon. Rad pravo no 4:154-155 Jl-Ag '61.

FEDIN, KONSTANTIN ALEKSANDROVICH, 1892-

Wind of history. I. Kozlov. Ogonek 40 no. 5:25 Ja '62.

FED'KOVYCH, IURII, 1834-1888

IUrii Fed'kovych's tale "Pleasant death." O. T. Lysenko. Nauk. zap Stan. derzh. ped. inst. vol. 4:145-164 '60

FEED MECHANISMS

Gaps in feed-mechanism drives of heavy plano-milling machines. A. F. Mushtaev. Stan. i instr. 33 no. 2: 11-16 F '62.

Seminar on the use of vibratory bunkers. I I. Kramnik. Mashinostroitel' no. 1 14 Ja '62.

FEED MILLS

Full utilization of production potentialities in mixed feed mills A. N Filippov Izv vys. ucheb. zav., pishch tekh no 5 7-12 '61

FEED WATER

Preparing feed water for boilers. IA. M. Liberman. Khleb i kond prom. 5 no. 12:30-31 D '61

FEED-WATER PURIFICATION

Cellulose condensate filter. K. K. Konstantinov. Energetik 9 no. 12:16-17 D '61.

Concerning the use of washing waters after the regeneration of cationite filters. R. V. Kotliar. Energetik 9 no. 12:31 D '61.

Conditions for conducting thermochemical tests in deaerating systems. I. K. Grishuk. Elek. sta. 32 no. 12:7-13 D '61.

Experience in using water-jet pumps in chemical water purification systems. G S. Katkov. Prom. energ. 15 no. 7:20-24 Jl '60.

Quantitative evaluation of the effectiveness of the magnetic treatment of feed water for steam boilers I F Shapkin. Gaz. prom. 6 no. 11:28-30 '61.

Removal of iron from industrial condensate by means of filtration through a cellulose layer. V. D. Brukhovetskii and others. Elek. sta 32 no. 12:61 D '61.

Use of the scavenging slime of clarifying agents for neutralizing the acid waters of chemical desalting systems. IA. D. Rudakov, E. M. Shevchenko, A. V. Martynov. Elek. sta. 32 no 12:58-60 D '61.

FEEDING

Dmitrochenko, A. P., and P. D. Pshenichnyi. [Feeding farm animals] Kormlenie sel'skokhoziaistvennykh zhivotnykh. Leningrad, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 527 p. (Uchebniki i uchebnye posobiia dlia sel'skokhoziaistvennykh vuzov) (DA)

FEEDS

(see also subdivision under Georgia)

Production of protein feed from waste juices (from "Die Stärke," No 6, 1961) Sakh prom 15 no. 11 67-68 N '61

Sapunov, V. A. [Carbamide, a substitute for forage protein in stockbreeding] Karbamid - zamenitel' kormovogo belka v zhivotnovodstve Minsk, Gos. izd-vo sel'khoz. lit-ry BSSR, 1961 38 p (DA)

Zamiatin, G. S., ed. [Efficient use of feeds] Ratsional'noe ispol'zovanie kormov Moskva, Izd-vo M-va sel'. khoz. RSFSR, 1961 73 p. (DA)

FEELINGS see Emotions

FELDSPAR

(see also subdivision under Breslau region; Ural Mountains)

Feldspathic raw materials, their substitutes and possible new sources in the U. S. S. R. V. I. Magidovich Trudy IGI M no. 48:91-125 '61.

FEMUR—FRACTURE

Some clinical observations of the effect of vitamin B_{12} on the regeneration of bone tissue in femoral fractures. L. A. Smirnova. Vit. res. i ikh. izp no. 5 250-255 '61.

FEMUR—HERNIA

Thrombosis of aneurysmal dilatation of the orifice of the vena saphena magna simulating strangulated femoral hernia. I. M. Kuz'mina, K. P. Kuz'min. Vest. khir. no. 5:136-137 '61

FENNOSCANDIA—CLAY

"Differential thermal analyses of some Quaternary clays of Fennoscandia" by U. Soveri. Reviewed by A. P. Afanas'ev. Vop. geomorf. i geol. osad. pokr. Kol'. poluost 1:180-191 '60

FENNOSCANDIA—VEGETATION AND CLIMATE

Development of the vegetation and climate in the decreasing continental glacial deposits, review of Finnish literature, 1927-1957. A. A. Nikonov. Vop. geomorf. i geol. osad. pokr. Kol'. poluost. 1 180-187 '60.

FEOFAN THE GREEK

Lazarev, V. N. [Feofan Grek and his school] Feofan Grek i ego shkola. Moskva, Gos. izd-vo "Iskusstvo," 1961. 131 p. illus.

FERGANA—CHEMICAL INDUSTRIES

Chemists' new frontiers. I. Cheremukhin, M. Khodich, M. Snesar'. Nar. khoz. Uzb. 4 no. 1:60-61 Ja '62.

FERGANA—EARTHWORK

Uzbek S. S. R. Ministerstvo vodnogo khoziaistva. [A proud profession, S. T. Bakhariev's crew of excavator operators] Gordaia professiia, opyt raboty brigady ekskavatorshchika S. T. Bakhareva. Tashkent, Gos. izd-vo Uzbekskoi SSR, 1961. 11 p. (Vystavka dostizhenii narodnogo khoziaistva SSSR)

FERGANA—ECONOMIC POLICY

Fergana Province in the fourth year of the seven-year plan Nar. khoz Uzb. 1 no 1:60 Ja '62.

FERGANA—GOITER

Dynamics of endemic goiter in the Fergana valley according to data from repeated investigations D O. Obilaro. Med. zhur. Uzb. no. 6, 56-59 Je '61.

FERGANA—MEDICAL CARE

Medical and sanitary service in virgin lands of Central Fergana A. R. Razikov, T. M Kariev. Sov zdrav. 20 no. 7, 26-29 '61.

FERGANA—STONE AGE

First Stone Age finds in Fergana. A. P. Okladnikov, N. I. Leonov. Krat. soob. Inst. arkheol. no. 88: 36-42 '61.

FERMENTATION

Fermentation of diketopiperazines. L. N. Akimova Khim. belka no. 1:245-255 '61

FERMENTATION GUM see Dextran

FERMENTS see Enzymes

FERMI SURFACES

Direct measurement of the momentum of conduction electrons in a metal [with summary in English] M. S. Khaikin. Zhur. eksp. i teor. fiz. 41 no. 6:1773-1779 D '61.

FERNS

Species of the real ferns of the subfamily Pteridoideae Diels of the U.S.S.R. flora, Report No 1. Range Pteridoideae Gymnogrammineae. A. N Sladkov. Vest. Mosk. un. Ser. 6: Biol., pochv. 16 no. 6:45-52 N-D '61.

FERRATES

AE-effect and the attenuation of ultrasound in ferrates. V. N. Kuznetsov. Izv vys. ucheb. zav.; fiz. no. 6:43-47 '61.

Short spin spectrum of waves in a ferrite sphere and rods. Siui IAn'-shen, [Hsu Yen-shên] Radiotekh i elektron. 7 no. 2:321-327 F '62.

637478 O-62-c9

FERROCENE

Effect of carboxyl and carbomethoxy groups on the substitution of halogen in ferrocene compounds. A. N Nesmeianov, V A Sazonova, V N Drozd Izv AN SSSR Otd khim.nauk no 1 15-47 Ja '62.

Mechanism of ferrocene formation in electrophylic and homolytic reactions of iodoferrocene and mercury derivatives of ferrocene. A N Nesmeianov, E G. Perevalova, O A Nesmeianova Izv AN SSSR Otd khim nauk no 1 47-52 Ja '62

FERROCYANIDES

Extraction of mixed heavy metal ferrocyanides in colloidal solutions from their hydrosols by emulsification. Part 1 Effect of gelatin additions and of the amount of organic liquid used for emulsification. L.D. Skrylev, V.I. Borisikhina, S.G. Mokrushin. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no.4:611-613 '61.

FERROMAGNETIC RESONANCE

Axisymmetrical self-oscillations of a gyrotropic sphere with a small radius. A. A. Pistol'kors Radiotekh. i elektron. 7 no 1:61-70 Ja '62

FERTILIZATION OF PLANTS

Embryologic investigation of the effect of foreign pollen on the fertilization and ontogenesis of the sunflower embryo. E. I. Ustinova Vest Mosk un Ser 6 Biol, pochv. 17 no.1:25-33 Ja-F '62

Regular features in reaction of flowering plants to rhythmical pollination of different frequency. A.I Pallilov, L I Lobotskaia Sbor.bot.rab.Bel otd.VBO no 2:81-88 '60

FERTILIZER INDUSTRY see subdivision under Kokand

FERTILIZERS AND MANURES
(see also subdivision under Buryat-Mongolia)

Kralin, P. I. [Fertilizing of fields] Udobrenie polei. Moskva, Izd-vo "Znanie," 1961 31 p (Narodnyi universitet kul'tury Sel'skokhoziaistvennyi fakul'tet, no 16)

Need in nitrogen fertilizers and their varieties in the northwestern part of the U S S R A F. Savchenkov and others Trudy LIEI no 36:13-22 '61

Production of ammonium phosphate and liquid fertilizers from ammonia of coke-oven gas G. D. Kharlampovich, R. I. Kudriashova Koks i khim. no. 11:36-41 '61

FETUS

Role of early general reactions of the mother's body in the mechanism of fetal injury from ionizing radiations. N.A.Kalinina. Med.rad. no 6:58-62 '61.

FETUS—INNERVATION

Concentration and dispersion of ganglionic matter in the pectoral part of the truncus sympathicus in human embryos and fetuses L U. Turdyev Med zhur Uzb. no. 7-37-39 Jl '61

Morphology of ganglia of the truncus sympathicus of the pelvic segment in human fetuses. R A. Usmanova Med. zhur. Uzb. no. 6,62-63 Je '61

FEUDALISM see subdivision under Bulgaria; China

FEUILLETONS

Return to the feuilleton. M. Semenov. Sov. pech. no. 1: 15 Ja '62

FEVER

Thermal regulation and febrile reaction in puppies at various stages of postnatal ontogenesis E A Shevel'ko. Fiziol. zhur. 47 no. 6;728-734 Je '61

FEVER, ENTERIC see Typhoid fever

FEVER, PUERPERAL see Puerperal septicemia

FIBER GLASS REINFORCED PLASTICS see Glass reinforced plastics

FIBRIN

Some data on the use of fibrin film in stomatology. M. Z. Shkol'nikov. Stomatologiia 39 no. 6,67 N-D '60.

FICTION, AUTOBIOGRAPHIC

"Less words and more figurativeness." F. Ioffe. Vop. lit. 5 no. 8 166-180 Ag '61.

FIELD CROPS
(see also subdivision under Estonia; Indonesia)

Can we sow in winter? IU. Poikovnikov. IUn. nat. no 1:14-15 Ja '62.

Effect of different green-fallow crops on the intensity of soil respiration. P. P. Vavilov, N. V Chebykina. Trudy Komi fil. AN SSSR no. 9:33-36 '60.

Measures for increasing the yield of principal field and forage crops. M. M. Kleev and others. Trudy Nauch.-proizv. konf. po agron. no. 1:133-149 '59.

Results of breeding work in the development of new crop varieties and their cultivation practices. K. M. Kram, A. M. Ostanin. Trudy Nauch.-proizv. konf. po agron. no. 1:87-105 '59.

FIELD MICE

January. IUn. nat. no. 1:23 Ja '62.

FIKRET, MEHMET TEVFIK, 1870-1915

Tevfik Fikret's poem "Ancient story." F. A Salimzianova Krat soob. Inst nar. Azii no 44 3-12 '61

FILATOVA, LIUDMILA

Liudmila Filatova. E Dobrynina Sov muz. 26 no. 1 100-101 Ja '62

FILIPPENKO, ARKADII, 1912-

Creator of wonderful songs. M. Mykhailov. Doshk. vykh. 23 no. 1 43-44 Ja '62.

FILMS see Photography—Films

FILMS (CHEMISTRY)

Compression molding of films from polypropylene. B. A. Gromov, V B Miller, IU A. Shlapnikov. Plast massy no. 10:66 '61

Methods for investigating film materials. P. V. Kozlov. Plast. massy no. 10 4-14 '61.

New rapid method for determining the specific gravity of film materials. E S Khoroshaia, G I. Kovrigina, V. I. Alekseenko. Plast. massy no. 10:60-62 '61.

Waterproof polyfluoroethylene films (from "Modern Plastics," no 8, 1960). Plast. massy no. 10:70 '61.

FILMSTRIPS

Filmstrips in political science lessons. V Gru Prof-tekh. obr. 19 no 1 19-20 Ja '62.

FILTERS AND FILTRATION

Cellulose condensate filter. K. K. Konstantinov. Energetik 9 no. 12:16-17 D '61

Experimental and theoretical studies of the filtration effect. Report No 1: Different filtration rate of cations and anions. V. A. Zharikov, T. N. Diuzhikova, E. M. Maksakova. Izv. AN SSSR, Ser. geol. 27 no 1:41-65 Ja '62.

"Funda" filters in the sugar industry (from "Zucker," No. 14, 1961. Sakh. prom 35 no. 12:61-62 D '61.

Improved membrane filter. V. P. Elfimov Voen.-med. zhur. no 7:87 Jl '61

Old shortcomings of new equipment. V. A. Serebrinskii. Sakh. prom. 35 no. 12 36-37 D '61.

Operation of filters with a mixed-bed ion exchangers. V. P. Meleshko and others Zhur. prikl khim. 35 n no. 1 60-66 Ja '62.

Our method of maintenance and repair of centifugal oil filters. R. M. Tarasov. Elek. i tepl. tiaga 5 no 12:14 D '61.

Simplified design of the "Vako" filter. G. G. Galushchak, S. N. Ponomarev Bum prom 36 no 10 13-14 O '61

Some principles for designing filters for the separation of demixing suspensions. V. A. Zhurbikov Khim prom. no. 12;851-860 D '61

Universal filtration funnel made by the Scientific Research and Planning Institute for the Mechanical Processing of Minerals. E. I. Kul'tin Obog. rud 6 no 4: 15-16 '61.

FINANCE
(see also subdivision under China)

"National income and finance of the U. S. S. R." by A. G. Zverev Reviewed by N. Lubimov Vop ekon. no 2: 132-137 F '62

Some forms of the financial activity of bourgeois states. IA. M. Bel'son. Uch. trudy Kazakh. gos. un. Ser. ist. no. 3,270-285 '59

Spiridonova, N. S. [Business accounting under the new conditions of industrial management] Khozraistvennyi raschet v novykh usloviiakh upravleniia promyshlennost'iu Pod red. P. A. Skipetrova [Moskva] Izd-vo Mosk univ., 1961 511 p.

Volkov, M. IA. [Financial capital and financial oligarchy] Finansovyi kapital i finansovaia oligarkhiia. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 99 p.

FINANCE—BIBLIOGRAPHY see Bibliography—Finance

FINANCE, PUBLIC see subdivision under Byzantine Empire

FINCHES

Some peculiarities of the postembryonic changes of skeleton in passerine birds. V. D. Il'ichev. Vest. Mosk. un. Ser. 6: Biol, pochv. 17 no. 1:3-12 Ja-F '62

FINES (PENALTIES)

Execution of fines according to Soviet law. A. Karavaev. Sots. zakon. 30 no. 1:47-50 Ja '62

Examination of lawsuits concerning the imposition of fines. O. Selezn'ov. Rad. pravo no. 4:91-96 Jl-Ag '61.

FINGERPRINTS

How fingerprints helped to solve a theft. I. Mohylevs'kyi. Rad. pravo no. 4:77-78 Jl-Ag '61.

FINGERS—RADIOGRAPHY

X-ray observations of osseous changes in the ungual phalanges of the hands in metal workers under the influence of vibration [with summary in English]. IU. G Nazarov. Vest. rent. i rad. 36 no. 5:43-46 S-O '61.

FINGERS—TUMORS

Case of glomus tumor (Barré-Masson tumor). M. L. Maksunova Zdrav Tad. h 8 no 5:27-28 S-O '61

Case of multiple tumors of the glomus. L. F Kokorev. Sov med. 25 no 9:137 S '61

FINGERS—WOUNDS AND INJURIES

Plastic surgery of traumatic finger stumps using free skin flaps. L. I. Bilandina Vest khir. no. 6:118-119 '61.

FINISHES AND FINISHING

Manufacture of patent leather finished with polyurethan varnishes (from "Journal of Society of Leather Trades Chemists," No 3, 1961) K Robinzon Kozh.-obuv. prom 3 no. 12;31-32 D '61.

FINISHES AND FINISHING—STANDARDS

[Finishing and facing materials] Materialy otdelochnye i oblitsovochnye. Izd ofitsial'noe. Moskva, Gos. izd-vo standartov, 1961 203 p. (Gosudarstvennyi standarty SSSR)

FINLAND—BANKS AND BANKING

The bank system of Finland. Den. i kred. 20 no. 1:85-87 Ja '62.

FINLAND—DESCRIPTION AND TRAVEL

In an automobile on Finland's highways S P Bannikov. Avtomobilist 1 20-21 '61.

FINLAND—EDUCATION

General schools in Finland. N Kalugin. Nar. obr. no. 1: 100-102 Ja '62

FINLAND—HARBORS

Hydraulic engineering in Finnish ports. B. B. Gorbunov. Inform. sbor TSNIIMF no. 47, Tekh. ekspl. mor. flota no. 3:75-87 '60.

FINLAND—RELATIONS (GENERAL) WITH ESTONIA

Creative exchange. Kasvet. kul't. i khizn' 5 no. 8: 31-31 '61

FINLAND—RELATIONS (GENERAL) WITH RUSSIA

Cooperation between Soviet and Finnish trade unions. V. V. Grishin. Nov. vrem 30 no. 6:12-13 F '62.

In friendly Finland. V. Naumenkov. Sov. voin 43 no. 21 36-41 N '61.

FINLAND—STATISTICS, VITAL

Population of Finland as revealed by data on hygiene and demography. Z. G. Frenkel', P. S. Soboleva Sov. zdrav 20 no. 8,91-96 '61.

FIR
(see also subdivision under Sayan Mountains)

Preservation of the young growth of spruce and fir in clearcut areas. G. P. Timofeev. Les. khoz. 14 no 12: 39-42 D '61.

FIRE CONTROL (GUNNERY)—OPTICAL EQUIPMENT

Sokolov, I. A., and A. V. Khorenkov. [Observation instruments in field artillery] Pribory nabliudeniia nazemnoi artillerii. Moskva, Voen. izd-vo M-va oborony SSSR, 1961 96 p. (Za voenno-tekhnicheskie znaniia)

FIRE DEPARTMENTS—EQUIPMENT AND SUPPLIES

Device for fastening the reel of the electric cable. A. Rudakov. Pozh. delo 8 no. 1 25 Ja '62.

Use of gas turbine engines in fire equipment. Pozh. delo 8 no. 1:3 of cover Ja '62.

FIRE ENGINES—MAINTENANCE AND REPAIR

If you take proper care of the equipment it will never let you down. N. Viktorov. Pozh. delo 8 no. 1:22-24 Ja '62.

FIRE EXTINCTION—CHEMICAL SYSTEMS
(see also subdivision under Czechoslovakia)

Bromium derivatives of carbohydrates as means for fire extinction. P. P. Shchoglov. Khim. v shkole 17 no. 1: 89 Ja-F '62.

FIRE EXTINCTION—SOCIETIES, ETC.
(see also subdivision under Bashkiria; Cheliyabinsk; Leningrad; Moscow; Voronezh)

The volunteer fire brigade passed the test. N. Staren'kov. Pozh. delo 8 no. 1:21 Ja '62.

Volunteers are in the main line of combat. Pozh. delo 8 no. 1:1-2 Ja '62.

FIRE PREVENTION

Drying apparatus for plaster. IU. Simakhin. Pozh. delo 8 no. 1:15 Ja '62.

Information received from our readers. Pozh. delo 8 no. 1:29 Ja '62.

Readers' letters. Pozh. delo 8 no. 1:31 Ja '62.

Using an induction motor for corn drying. V. Tochilkina, M. Skliarevskaia. Pozh. delo 8 no. 1,26-27 Ja '62.

FIRE PREVENTION—INSPECTION

Thorough and comprehensive inspection; concerning the quality of fire prevention inspection. P. Savel'ev. Pozh. delo 8 no. 1:8-10 Ja '62.

FLOTATION—EQUIPMENT AND SUPPLIES
(see also subdivision under Olenegorsk region)

Interaction of martite and quartz with sodium oleate in the presence of calcium ions O.S Bogdanov, N S. Mikhailova, A K Podnek Trudy Mekhanobr no 128 17-25 '61

New reagent for the flotation of Donets coals. N. D. Oglobiin Izv. vys. ucheb zav. gor zhur no 11:167-172 '61.

Relation between the simultaneous action of several collectors and their distribution among the particles of galena in flotation pulp L N Plaksin, S P. Zantseva Nauch soob Inst gor dela 6 15-20 '60

Study of some flotation reagents by infrared spectroscopy I N Plaksin, V I. Solnyshkin Nauch soob Inst gor dela 6 21-29 '60

Studying the action of sodium oleate and flotation modifiers during the flotation of beryl, spodumene, and feldspar O S Bogdanov, Sin Vei-chzhun [Hsing Wei-chung], N A IAnis Trudy Mekhanobr no 120 26-36 '61

Use of liquid scintillation counters in investigating the interaction of flotation reagents. N S. Mikhailova, V IA Khanman, N V IAnis. Trud. Mekhanobr no 128 37-41 '61

FLOUR
Possibilities for using adjustable volume batchers in automatic flour packaging machines G D Gal'perin Izv vys ucheb zav , pishch tekh no 5 102-105 '61

FLOUR MILLS see subdivision under Leningrad

FLOWERS
Erokhin, N. D. [Private flower gardening] Priusadebnoe tsvetovodstvo Izd. 2., perer. i dop [Kostroma] Kostromskoe knizhnoe izd-vo, 1961 258 p (DA)

FLOWMETERS
Magnetic meter for measuring the consumption of fluids with high and low electric conductivity (from "Control Engineering", no. 12, 1959) IA E. Vol'khovich Prom energ. 16 no. 7:50-51 Jl '61.

FLUES
Improving the design of a smoke damper. V. E. Gavrilov. Khol. tekh. 38 no. 5 61-62 S-O '61.

FLUID DYNAMICS
Heat transfer and resistance of a cluster of pipes with ribbon-type fins. S. N. Tulin, A. P. Salikov. Vest elektroprom. 31 no. 10 33-36 O '60.

Motion of thin bodies in a fluid toward its free surface [with summary in English] A. IA. Sagomonian. Vest Mosk un. Ser I, Mat , mekh. 17 no 1:53-59 Ja-F '62

Optical method of studying movement in a two-dimensional fluid flow. A S Grishin. Trudy VNIIBT no 3 36-41 '61.

Pressure measurements for large moments of time A G Bagdoev Izv AN Arm SSR Ser fiz -mat nauk 14 no 6 131-133 '61

Principal results of the studies of the aerodynamics of the combustion chambers and furnaces L. A. Vulis Trudy Inst. energ AN Kazakh. SSR 2:225-233 '60

Study of an axisymmetrical turbulent counter jet. T. P. Leont'eva, I. B. Palatnik Trudy Inst. energ. AN Kazakh. SSR 2:234-236 '60

Theory of the stability of a plane layer of a gravitating fluid of exponentially decreasing density in the presence of a magnetic field. V. A. Vardanian, R. S. Oganesian. Prikl. mat i mekh. 26 no 1:104-109 Ja-F '62

Two-dimensional flow of a viscous fluid in a round annular porous pipe. N. P. Dzhorbenadze. Soob. AN Gruz. SSR 27 no. 4 391-398 O '61

FLUIDIZATION
Analogy between a fluidized bed of granular material and a fluid-particle system. N L Gel'perin, V G Ainshtein. Khim prom no 11:750-756 N '61

Blending of chromite charges in a fluidized bed. V M Pavlov, I. L. Shishko Khim. prom. no 11 781-782 N '61.

Combustion of gas fuel in the pseudofluidized bed of an intermediate heat-transfer agent [with summary in English]. N. V. Antonishin, S. S. Zabrodskii Inzh -fiz. zhur 5 no. 2:10-14 F '62.

Design of multistage apparatus with a fluidized bed of granular material L. A Akopian. Khim prom no. 11 769-770 N '61.

Determination of the critical velocity of gas fluidization under pressure. B B Chesnokov, M. G Slin'ko, V Sh Kernerman Khim. prom. no. 11 767-768 N '61

Drying of crystalline ammonium bicarbonate in a fluidized bed. N A. Shakhova, A. I. Rychkov, E. V Dmitrienko Khim prom. no 11:783-786 N '61.

Granular material residence time in a fluid-bed reactor. V. F. Frolov, P. G. Romankov. Zhur prikl. khim. 35 no. 1 80-89 Ja '62.

Heat transfer from a fluidized bed of burning coke to the surface of horizontal pipes I A Vakhrushev, IA A. Botnikov, N. G Zenchenkov. Khim prom. no 11 787-789 N '61

Heat transfer from a fluidized bed of solid particles to the coil pipe surface A. M Kagan, V G. Fastovskii, A E. Rovinskii. Khim. prom. no. 11 790-793 N '61

Kinetics of chemical reactions in a fluidized catalyst bed O IA Polotniuk Khim prom. no 11 763-766 N '61.

Kinetics of the oxidation of rhenium, molybdenum and indium sulfides in a fluidized bed. B I Deev, V I Smirnov. Izv. vys. ucheb zav , tsvet met. 4 no. 3 44-49 '61.

Mathematical models of apparatus with fluidized beds for thermochemical processes L A Burovoi and others. Khim. prom no. 11 756-762 N '61.

Mechanism of heat and mass transfer in a fluidized bed. E. Rukenshtein. Zhur prikl. khim. 35 no. 1 70-80 Ja '62

Motion of a body in a fluidized bed [with summary in English]. IU. P. Gupalo Inzh -fiz zhur 5 no. 2:15-18 F '62.

Process of limestone calcination in a fluidized bed V M. Dement'ev, IU P Nekhlebaev Khim prom. no. 11. 776-781 N '61

Studying the process of coal drying in a fluidized bed. M I Beilin, D. S Emel'ianov. Ugol' Ukr 5 no. 7 16-20 Jl '61.

FLUOBORITE see subdivision under Chatkal Range; Kurama Range

FLUORESCEIN
Use of fluorescein in the removal of metastasized regional cervical lymph nodes in laryngeal cancer [with summary in English]. S I Mostovoi. Zhur. ush , nos. i gorl. bol 21 no. 4 34-36 Jl-Ag '61

FLUORESCENCE MICROSCOPY
Mikhailov, I. F , and S. I. D'iakov. [Fluorescence microscopy, application in medical microbiology] Liuminestsentnaia mikroskopila, primenenie v meditsinskoi mikrobiologii Moskva, Medgiz, 1961. 222 p.

FLUORESCENT LAMPS
(see also subdivision under United States)
Analysis of the stability of a network with an active ballast resistor for starting fluorescent lamps F S Kazantsev, A M Basov Trudy CHIMESKH no 12 142-152 '61

FLUORESCENT LIGHTING
Fluorescent light fixtures for school lighting Svetotekhnika 8 no 2 32 F '62

FLUORIMETRY
Use of radioactive isotopes in fluorescent analysis for the automatic control of ore-dressing products N, N Shumilovskii and others Izv. vys. ucheb zav., tsvet met 4 no 3 140-147 '61.

FLUORINE—PHYSIOLOGICAL EFFECT
Effect of fluorine compounds on the upper respiratory tract ["Ceskoslov. otolar ," No. 1, 1961] Zhur. ush., nos. i gorl. bol. 21 no. 4:64 Jl-Ag '61

FLUORINE—SPECTRA
Chemical shifts of signals of the nuclear magnetic resonance of fluorine in aqueous solutions containing F^-, HF_4^- and NH_4^+ ions. Van I-tsiu. Zhur. strukt. khim 2 no. 3:367-368 My-Je '61.

FLUORITE CRYSTALS
Energy levels of electrons in the X-layed fluorite crystals A. A Kondratenko Trudy LIEI no. 36:109-120 '61

FLUOROSCOPIC DIAGNOSIS see Diagnosis, Fluoroscopic

FLY ASH
Interaction of calcium oxide with sulfuric anhydride at high temperatures IU A. Nikiforov, V. D Ponomarev Izv. AN Kazakh. SSR, Ser met , obog i ogneup. no 3 27-34 '61

FLYSCH see subdivision under Carpathian Mountains

FOLDS (GEOLOGY)
(see also subdivision under Apsheron Archipelago)
Velikii, A. S. [Structure of ore deposits in folded areas] Struktury rudnykh polei (v skladchatykh oblastiakh) [Leningrad] Izd-vo Leningr. univ., 1961 274 p.

FOLK ART, UKRAINIAN
To create with joy. Marlia Primachenko. Mystetstvo 8 no. 6:3 N-D '61

FOLK DANCING
(see also subdivision under White Russia)
Stories on dances. Makhmud Evambaev. Ogonek 40 no 4 23-24 Ja '62

FOLK SONGS—HISTORY AND CRITICISM
"Basic compositional principles of the multivoiced folk song of Russian peasants" by T. S Bershadskaia. Reviewed by I. Zemtsovskii. Sov. muz. 25 no 12:136-137 D '61.

FOLK SONGS, WHITE RUSSIAN—HISTORY AND CRITICISM
Elatau, V. I. [From song to song] Ad pesni da pesni. Minsk, Vyd-va Akad. navuk Belaruskai SSSR, 1961. 106 p.

FOLKLORE see subdivision under Russia, Northern, Vologda Province

FOLKLORE—BIBLIOGRAPHY see Bibliography—Folklore

FOLKLORE—CONGRESSES
Conference dedicated to the specifics of genres in Russian folklore N Polishchuk. Sov etn no 5 148-152 S-O '61.

FOLKLORE, KORYAK
Folklore of the peoples of the North. Kraeved. zap. Mag. obl kraeved muz. no. 3:140-143 '60

FOLKLORE, TUNGUS
Folklore of the peoples of the North. Kraeved. zap. Mag. obl. kraeved. muz no. 3:130-143 '60.

FOOD—TRANSPORTATION
Palletized shipment of perishable foodstuffs V. P Gol'tsev Khol. tekh. 38 no. 6 38-40 N-D '61.

FOOD, CANNED
Koloskina, G. S. [Canned food and food concentrates for infants and the sick] Konservy konsentraty v detskom i dieticheskom pitanii Moskva, Gos. izd-vo torg. lit-ry, 1961. 70 p.

FOOD, CANNED—STERILIZATION
Sterilizing effect of the heat treatment of canned food in the hot air flow M S Aminov. Izv vys. ucheb zav., pishch tekh no. 5 63-65 '61.

FOOD HABITS OF ANIMALS see Animals, Food habits of

FOOD INDUSTRY
(see also subdivision under Tatar A.S.S.R.; Tyumen'; Uzbekistan)
[Guide to food products; milk, fat, eggs, meat, and fish goods] Tovarovedenie prodovol'stvennykh tovarov, tovary molochnye zhirovye, iaichnye miasnye, rybnye, [By] G. S. Inikhov i dr. Izd. 2., perer. Moskva, (Gostorgizdat, 1961. 383 p.

FOOD INDUSTRY—COSTS see subdivision under Moldavia

FOOD INDUSTRY—EQUIPMENT AND SUPPLIES
Investigation of certain types of bubblers. M. P. Gandrluk, V. N Stubnikov Izv vys. ucheb zav., pishch. tekh. no 5 76-83 '61.

FOOD POISONING
Effectiveness of antibiotic and sulfanilamide treatment of food toxicoinfections of salmonella origin. III. M Mikhailova, E G. Mel'nik. Sov. med. 25 no. 7:13 143 Jl '61.

Poisoning from mushrooms of the Agaricus bulbosus type. A. V. Konikov Voen. -med. zhur. no. 7:76-76 Jl '61.

FOOT—BLOOD SUPPLY
Determining the blood circulation in the foot. B. I. Simernach. Voen. -med. zhur no. 7:83 Jl '61.

FOOTWEAR see Boots and shoes

FORAGE PLANTS
(see also subdivision under Kaliningrad Province)
Effect of presowing treatment of seeds with trace elements on silage plants and vegetables. K. A. Moiseev, M. I. Aleksandrova. Trudy Komi fil AN SSSR no. 9:23-32 '60.

Measures for increasing the yield of principal field and forage crops. M. M. Kleev and others. Trudy Nauch. -proizv. konf. po agrom. no. 1:133-149 '59

Protein hunters. V. Elagin. IUn. nat. no. 12:8-10 D '61.

FORAMINIFERA, FOSSIL see subdivision under Nakhichevan A.S.S.R.

FORCE AND ENERGY
Experiment on direct transformation of the energy of a high-frequency electromagnetic field into mechanical work. R. A. Valitov, V. D. Kukush, V. G Orlov. Zhur. tekh. fiz 31 no. 12:1462-1466 D '61.

Natural cycle and conservation of energy. S. Stel'makh. Znan. ta pratsia no. 1:7-9 Ja '62

FORECASTING, WEATHER see Weather forecasting

FOREIGN AID PROGRAM see Economic assistance

FOREIGN AUTOMOBILES see also subdivision 'Automobiles, Foreign' under Sweden

FOREIGN BODIES (SURGERY)
Medical practices for foreign bodies of wood in the body. N. Z. Monakov. Zdrav. Tadzh. 6 no. 5:25-28 S-O '61.

FOREIGN EXCHANGE see subdivision under Africa, West

FOREIGN INVESTMENTS see Investments, Foreign

FOREIGN TOURISTS see Tourists, Foreign

FOREST ECOLOGY
(see also subdivision under Georgia, Sayan Mountains)

Differentiation of trees in the plant-associations of oak plantations. V I Parfenov Sbor bot rab Bel otd VBO no 2 219-223 '60

FOREST FAUNA

Characteristics of the nutrition of murine rodents in the forest and in cutover areas. V V Tur'eva. Trudy Komi fil AN SSSR no 9:74-81 '60

Some features of the ecology of capercaillies as related to the clearing of forests in the northern taiga A N Romanov. Trudy Komi fil. AN SSSR no 9:61-73 '60

FOREST FIRES

Changes in the ground cover of pine forests under the influence of ground fire I V Gumazhenko Sbor. bot. rab. Bel otd VBO no. 2:50-57 '60.

FOREST INFLUENCES

Increasing the precision of results obtained in comparing the amounts of precipitation in afforested and woodless areas. L. P. Kuznetsova. Trudy GGO no. 111:77-80 '61.

FOREST MANAGEMENT
(see also subdivision under Soviet Far East)

Borodin, M. M., and L. D. Chulitskii. [Establishing norms in forestry] Normirovanie truda v lesnom khoziaistve. Moskva, Izd-vo sel'khoz lit-ry, zhurnalov i plakatov, 1961. 286 p.

Continuous logging in virgin forests. N. N. Svalov. Les. khoz 14 no 12,27-31 D '61

For the improvement of forest management. B. A. Kozlovskii, B. I. Groshev Les. khoz. 14 no 12,22-27 D '61.

Forest management in winter; from the diary of a timber cruiser. V. Bezruchko. Les khoz 14 no 12:65-66 D '61.

Makarov, G. E., and V. G. Areshchenko. [Organization of work in forest enterprises] Organizatsiia truda na predpriiatiiakh lesnogo khoziaistva. Minsk, Gos. izd-vo sel'khoz. lit-ry BSSR, 1961. 105 p.

FOREST NURSERIES

Using the biopreparations of trichoderma for controlling the falling over of tree seedlings. N. I. Fedorov. Sbor. bot. rab. Bel. otd. VBO no. 2:224-228 '60.

FORESTRY RESEARCH
(see also subdivision under Estonia)

Forestry and its tasks [with summaries in English, German, and French]. N. P. Anuchin. Vest. sel'khoz nauki 6 no 11 105-114 N '61

FORESTS AND FORESTRY
(see also subdivision under Carpathian Mountain region; Kola Peninsula; Siberia; Siberia, Western; Syria; Ukraine; Ural Mountains; Voronezh Province; White Russia)

Letters to the editor. Les. khoz. 14 no. 12:77-78 D '61

Material incentives for the preservation of young growth. P. M. Maltsev. Les. khoz. 14 no. 12:66-67 D '61.

FORESTS AND FORESTRY—BIBLIOGRAPHY see Bibliography—Forests and forestry

FORESTS AND FORESTRY—ECONOMIC ASPECTS

Akademiia nauk SSSR. Institut lesa. [Problems of increasing forest productivity in four volumes] Problemy povysheniia produktivnosti lesov v chelyrekh tomakh. Moskva, Goslesbumizdat.

Vol. 4. [Economic problems of increasing forest productivity and accelerating ripening and cutting ages] Ekonomicheskie voprosy povysheniia produktivnosti lesov, vozrasty spelosti i vozrasty rubok. 1961. 253 p.

FORESTS AND FORESTRY—EQUIPMENT AND SUPPLIES

Machine for processing seeds of cypress and other valuable species. G. M. Saralidze. Les. khoz. 14 no. 12: 63-64 D '61.

Provincial seminar on the over-all mechanization in afforestation. M. G. Silusarev, P. S. Zakharov. Les. khoz. 14 no. 12:60-63 D '61.

Technological requirements for the over-all mechanization of work in gathering pine and spruce cones V. V. Ogievskii. Les. khoz. 14 no. 12:56-58 D '61.

FORESTS AND FORESTRY—LABOR PRODUCTIVITY

Methodological conference on determining the level of labor productivity in forest working circles. I. Cherkasov. Biul. nauch. inform. trud i zar. plata 4 no. 9: 62-63 '61.

Methods for determining labor productivity in forestry. M. M. Trubnikov, F. I. Travent'. Les. khoz. 14 no. 12: 52-55 D '61.

FORESTS AND FORESTRY—PRODUCTION STANDARDS

Determining production standards for certain operations. L. D. Chulitskii. Les. khoz. 14 no. 12:75-76 D '61.

"Setting production norms in forest working circles, logging camps, and woodworking industries" by L. Chulitskii. Reviewed by V. D. Areshchenko and N. A. Matiushenko. Les. khoz. 14 no. 12:82 D '61.

FORESTS AND FORESTRY—VALUATION

Determining current increment on the basis of the growing stock of a stand by cutting a small number of sample trees M. I. Dvoretskii. Les. khoz. 11 no. 12: 31-33 D '61.

"Forest evaluation" by V. K. Zakharov. Reviewed by A. V. Tiurin Les khoz 14 no. 12:93 D '61.

Improving the valuation of young growth. Z. I. Sinel'shchikova Les khoz. 14 no 12,38 D '61

FORGERY

"Struggle against the theft of socialist property by the forgery of documents" by S. I Tikhenko Reviewed by A. T. Gurbin, P. F. Nekipelov, V. A. Stemovskii. Izv vys uchab zav; prav 5 no 2:175-178 '61

FORGET-ME-NOTS

Morphogenesis of the Alpine forget-me-not. I. P. Ignat'eva. Bot. zhur. 46 no. 8:1194-1202 Ag '61

FORGING

Effect of tangential stresses in metals on pressure due to plastic deformation between parallel dies A. A. Korolev. Izv vys ucheb. zav., mashinostr no 8 147-152 '61

Indices of specialization and continuity of industrial processes in the press forging of metals I. L. Perlin. Izv. vys. ucheb. zav., tsvet met 4 no. 3 148-152 '61.

Rumiantsev, A. A. [Increasing labor productivity in drop forging operations] Povyshenie proizvoditel'nosti truda v kuznechno-shtampovochnom proizvodstve. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 95 p.

Uralvagonzavod, Nizhnyi Tagil. [Progressive forging technology] Progressivnaia tekhnologiia kovki i shtampovki. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 156 p.

Vibratory pressworking of metals. B. L. Vasiliev. Vest. mash. 42 no. 1:61-62 Ja '62

FORGING MACHINERY—MAINTENANCE AND REPAIR

Mechanizing the repairing of anvils. A. M Matveev Mashinostroitel' no. 1 14-16 Ja '62

FORGING MACHINERY—TECHNOLOGICAL INNOVATIONS

Improving automatic cold-upsetting machine L. I. Kosygin. Mashinostroitel' no 1 16 Ja '62

FORMALDEHYDE

Determining the activity of oxygen-containing condensation products of aromatic hydrocarbons with formaldehyde. N. K. Moshchinskaia, Z. G. Kisliitsyna. Izv. vys. ucheb. zav.: khim. i khim. tekh. 4 no. 4,668-671 '61.

Formol reaction in Botkin's disease. [A. S. Klenik. Vrach. delo no. 12:135-136 D '61.

FORMAMIDE

Liquid - vapor equilibrium in binary and ternary systems formed by hydrocarbons C_5 and dimethylformamide. S. K. Ogorodnikov, V. B. Kogan, M. S. Nemtsov, Zhur. prikl. khim 34 no 11:2411-2416 N '61.

FORSTER, GEORG, 1754-1794

Aesthetic views of Forster. G. Plavius Vop filos. 16 no 1:71-82 '62

"Forster and Lichtenberg" by W. Rödel. Reviewed by M. Tronskaia. Vop. lit. 5 no. 8:233-236 Ag '61.

FORTIFICATION, PRIMITIVE see subdivision under Toropets

FORTIFICATIONS, OLD see subdivision under Amadyr'

FOULING OF SHIP BOTTOMS see subdivision under Azov, Sea of; Black Sea; Kerch Strait

FOUNDATIONS

Lovygin, N. I. [Problems of using District as foundations under the and structures] Voprosy ispol'z gruntov rationa Minska v kachestv mentov zdanii i sooruzhenii. M izdatel'skii otdel Belorusskogo I. V. Stalina, 1960. 58 p.

Use of unfilled shells and installing of thawed layers and pockets G. N Maksimov. [Trudy] NIIOS

FOUNDING

Nomogram for determining the co casts under conditions of accele Oreshkin, V. D. Repkin, A. A. Ko SSSR no. 11:137-142 '61.

Optimum phosphor content in cast fugal casting pipes in metal mol Biul. nauch.-tekh. inform. VNIT

Parameters of liquid cast-iron fe fugal pipe casting. B. D. Khakh A. V. Trogubov. Biul. nauch.-to no. 4/5:113-125 '58.

FOUNDRIES—EQUIPMENT AND SU

Automatic casting line. K. L. Shch avtom. proizv. 16 no. 1:51-52

FOURIER SERIES

Development of the theory of trigonometric series at beginning of the 19th century V. B. Paplauskas Tr inst. mat. stat. i tekh 13 206-263 '61

Efficient method for finding the best possible approximation procedures L. P Lobodev Dokl AN SSSR 14 no. 3 530-533 Ja '62

FOXES
(see also subdivision under Turkmenistan)

It changed from night to day. M Zverev. Un. nat. 1 36-37 Ja '62

FRACTIONAL DISTILLATION see Distillation, Fractl

FRACTIONS, CONTINUED

General case of compression of continued fractions. V. I. Smyshliaev. Izv. vys. ucheb. zav. mat no 1: 1 '62.

FRACTURES

Distribution of labeled vitamin B_{12} in different organs and its excretion from the organism in experimental fractures. B. M Vinarin. Vrach. delo Dnip. med. in-ta 256-260 '61

FRAMED STRUCTURES see Structural frames

FRANCE—ARMAMENTS

French monopolies grow rich from the nuclear armaments race. Mezhdunar zhizn' 9 no 2:116-117 F '62

FRANCE—BATHYSCAPHE

A brief communication. Okeanologiia 1 no. 6:1104 '61

FRANCE—COLOR TELEVISION

SECAM French color television system. V. P. Shmakov Tekh. kino i telev. 6 no. 1,61-66 Ja '62

FRANCE—COMMUNIST PARTY

Political situation in France and the policy of the French Communist Party V. Roche. Kommunist 38 no 1: 81-98 F '62

FRANCE—HISTORY

[French yearbook for 1960; articles and source materials on French history] Frantsuzskii ezhegodnik, stat'i i materialy po istorii Frantsii, 1960. Moskva, Izd-vo Akad. nauk SSSR, 1961 543 p.

FRANCE—INCOME

The national income of France in 1938 and 1949-1957. M. V. Baranbanov. Och. po sovr. zap. i zarub. ekon. no. 1,286-307 '60.

FRANCE—INDUSTRIAL ACCIDENTS

Traumatism in the industry of France. B. Tul'chinskii Biul. nauch. inform. trud i zar. plata 4 no. 9, 71-80 '6

FRANCE—INDUSTRIAL MANAGEMENT

Production planning departments in the manufacturing industry enterprises of France A. Perrotin. Biul nauch. inform. trud i zar. plata 4 no. 12:62-66 '61.

FRANCE—MOTION PICTURES, DOCUMENTARY

To meet and know one another [I. Kopalin, A. Zguridi Iskl. kino no 7:15-18 11 '61.

FRANCE—OCEAN LINERS

New transatlantic passenger liner "France" Biul. tekh.-ekon. inform. Tekh. upr. Min. mor flota 5 no 4: 116-123 '60.

FRANCE—POLITICS AND GOVER

The Council of Si

FRANCE — RELATIONS (GENERAL) WITH RUSSIA (Continued)

The development of Soviet-French cultural contacts, 1918-1927. Submitted by N. V. Timofeev. Ist. arkh. 7 no. 3 166-177 My-Je '61.

From Paris to Vevey. Lev Shemin. Oktiabr' 38 no. 8 173-185 Ag '61.

School of courage. Fernand Grenier. Isk., kino no. 7 23-24 Jl '61.

FRANCE—RETAIL TRADE

France through the eyes of Soviet students. B. Pashkov. Sov. torg. 35 no. 2:58-63 F '62.

FRANCE—REVOLUTION—MUSIC

Songs of the French Revolution. A. Khokhlovkina. Sov. muz. 25 no. 12 63-73 D '61.

FRANCE—SOCIALIST PARTY

The French Socialist Party. A. Varfolomeeva. Mir. ekon. i mezhdunar. otn. no. 1 137-143 Ja '62.

FRANCE—STRIKES AND LOCKOUTS

On the earth and under the earth. S. Zykov. Nov. vrem. 20 no. 8,16-18 F '62.

Strike in Shop No. 3. Yvonne Legeay. Zhen. mira no. 5: 27 '61.

FRANCE—SUGAR MACHINERY

French National Exhibition in Moscow of 1961. I. P. Lepeshkin. Sakh. prom. 35 no. 11 29 N '61.

FRANCE—THEATER

"Thoughts on the theater" by Louis Jouvet. Reviewed by T. Bachelis. Teatr. 2 no. 8 122-124 Ag '61.

FRANCE—TRIANGULATION

Geodetic operations in capitalistic countries from national reports presented at the 12th Assembly of the International Union of Geodesy and Geophysics. Geod. i kart. no. 11,58-65 N '61.

FRANCE—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS

Letters written by the French Communists in Hitlerite prisons before their death. Submitted by Z. A. Prokof'eva, I. G. Erenburg. Ist. arkh. 7 no. 3 119-126 My-Je '61.

FRANCHISE see Elections

FRANKO, IVAN, 1856-1916

Sixth Academic Session on Franko. A. V. Kabaida, M. O. Moroz. Rad. lit. 6 no. 1 153-154 Ja-F '62.

FRANZ JOSEF LAND—GLACIERS

Tendency of glaciation in Franz Josef Land. L. S. Govorukha, I. M. Simonov. Probl. Arkt. i Antarkt. no. 9 63-65 '61.

FRAUD

Drastic measures against the defraudation of the state are the most important objective of Soviet courts. M. Gavrilin. Sov. iust. no. 1 29-31 Ja '62.

In the central committee of the All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy. Radio no. 2 5 F '62.

The tangle. IU. Feofanov. Sots. zakon. 39 no. 1,69-72 Ja '62.

FRAXINELLA—TOXICOLOGY

Dermatitis caused by Dictamnus dasycarpus. T. I. Stekhun, B. A. Kyrnakov. Vest. derm. i ven. no. 1 67-70 '62.

FREE [illegible]

FREONS

Bottling liquid freon. V. P. Vlasov. Khol. tekh. 38 no. 1 60-61 S-O '61.

Device for accelerated charging of refrigerating units with freon. S. L. Zhukhovitskii. Khol. tekh. 38 no. 3: 49 My-Je '61.

Experimental investigation of a freon air cooler with flat pipes. A. B. Barenboim, B. A. Minkus, I. B. Shteinberg. Khol. tekh. 38 no. 6 7-10 N-D '61.

Hermetically sealed freons compressors. V. B. IAkobson. Khol. tekh. 38 no. 5: 31-36 S-O '61.

Instructions on operating small automatic freon refrigerating plants. A. I. Komarov. Khol. tekh. 38 no. 3: 50-52 My-Je '61.

KhMFV-20, KhMFU-10, KhMFUU-80 refrigerating freon machines of medium refrigerating capacity. Khol. tekh. 38 no. 5 72-76 S-O '61.

Test stand for draining freon from the refrigerating units and for its regeneration. E. I. Andrachnikov, I. G. Kaplan. Khol. tekh. 38 no. 1 57-58 Jl-Ag '61.

FREQUENCY MULTIPLIERS

Concerning the band of a frequency multiplier using a nonlinear capacity. A. A. Rabinovich-Vizel', M. E. Gertsenshtein. Radiotekh. i elektron. 7 no. 1:175-177 Ja '62.

Microwave frequency multiplier with a high multiplication factor. V. A. Dianova and others. Radiotekh. i elektron. 7 no. 2,348-349 F '62.

FRESH-WATER BIOLOGY

Hydrobiological method of water purification from organic contaminations and biocenology in hydrobiology. S. N. Skadovskii. Trudy Gidrobiol. ob-va. 11 331-337 '61.

FRESH-WATER FAUNA see subdivision under Glubokoye, Lake; Kama Reservoir; Nivki Valley; Transcarpathia

FRESH-WATER FLORA

(see also subdivision under Klyaz'ma Reservoir; Volga-Don Canal)

Some ways of controlling the life of fresh waters. A. V. Frantsev. Trudy Gidrobiol. ob-va. 11 323-330 '61.

FRICTION

Basic factors affecting the regularity of displacements of machine-tool beds and carriages at combined friction. V. A. Kudinov, N. M. Liaitsyn. Stan. i instr. 33 no. 2: 1-5 F '62.

Effect of friction on the stability of nonconservative systems. L. M. Zorin, M. IA. Leonov. Nauch. zap. IMA AN URSR. Ser. mashinoved. 7 no. 7 127-136 '61.

Experimental determination of the surface friction drag of a moist plate. M. I. Ismailov, S. Kadyrov. Izv. AN Uz. SSR Ser. tekh. nauk no. 4 41-45 '61.

Stability of equilibrium for systems involving dry friction. G. K. Pozharitskii. Prikl. mat. i mekh. 26 no. 1: 5-14 Ja-F '62.

FROGS

Frog. Sem'ia i shkola. 16 no. 12 26 D '61.

It so happens that, . . . A. Blulov, V. Krivoshein, IUn. nat. no. 1:26-27 Ja '62.

FRONTAL BONE—DISEASES

Osteomyelitis of the frontal bone. A. I. Geshelin. Zhur. ush., nos. i gorl. bol. 21 no. 5 71-72 S-O '61.

FRONTIER GUARD see Border guard

FROZEN FISH see Fish, Frozen

FROZEN FRUIT see Fruit, Frozen

[illegible] ion under Anadyr' region)

[illegible] rmokarst in the U. S. S. R.] Termo- SSR. Moskva, Izd-vo Akad. nauk

[illegible] id installation of piles with freez- nd pockets in permafrost districts. idy] NIIOSP no. 45 33-52 '61.

[illegible] nder Buryat-Mongolia;

PESTS see subdivision under [illegible] .S.R.

[illegible] rries in a high-frequency electric Izv. vys. ucheb. zav., pishch. tekh.

[illegible] nder Crimea)

[illegible] rning the mechanization of work culture. N. F. Moiseev. Trakt. o,12:11-15 D '61.

[illegible] 'ation Practices in Growing [illegible] . Evtushenko. Vest. sel'khoz. 3 N '61.

[illegible] and vineyards. E. A. Klimova. 31 no. 12:26-27 D '61.

[illegible] wer] Sputnik sadovoda. [Tambov] zd-vo, 1960. 478 p.

FRUIT CULTURE—DISEASES AND PESTS

Vasyl'iev, V. P., and M. I. Shyshkova. [Pests and diseases of fruit and measures for their control] Shkidnyky ta khvoroby plodovykh kul'tur ta zakhody borot'by z nymy. Kyiv, 1961. 47 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 5, no. 16)

FRUIT CULTURE—HANDBOOKS, MANUALS, ETC

Brodskii, V. V., and others. [Concise handbook for the fruit grower] Kratkii spravochnik sadovoda. Izd. 2. Minsk, Gos. izd-vo BSSR, Red. sel'khoz. lit-ry, 1961. 343 p.

(DA)

FRUIT TREES see subdivision under Bostandyk District

FRUITS

Development of fruit in Archangelsk decurrent elm. [with summary in English] G. A. Denisova. Bot. zhur. 46 no. 12,1756-1765 D '61.

FRUNZE, MIKHAIL VASIL'EVICH, 1885-1925

Mikhail Vasil'evich Frunze as historian of the national liberation struggle in Morocco. N. S. Lutskaia. Kratk. soob. Inst. nar. Azii no. 45 110-114 '61.

FRUNZE—THEATER

"Anna Karenina." Dm. Brudnyi. Teatr. 22 no. 8: 115-116 Ag '61.

FUEL—TESTING

Rapid method for evaluating the corrosivity of fuels. I. V. Rozhkov and others. Khim. i tekh. topl. i masel 7 no. 2:60-61 F '62.

FUEL PUMPS

New fuel pump manufactured by "Caterpillar." I. N. Andreeva. Trakt. i sel'khozmash. 31 no. 12:43-45 D '61.

FUNCTIONAL ANALYSIS

Smirnov, V. I., ed. [Studies on modern problems in the constructive theory of functions] Issledovaniia po sovremennym problemam konstruktivnoi teorii funktsii, sbornik statei. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 368 p.

Young's theorem. N. A. Ivanov. Izv. vys. ucheb. zav., mat. no. 1:108 '62.

FUNCTIONS, ANALYTIC

Ayvisian, A. E. [Integral and parametric representations of functions analytic in angular regions, author's abstract of his dissertation for the degree of Candidate of the Physical and Mathematical Sciences] Integral'nye i parametricheskie predstavleniia funktsii, analiticheskikh v uglovykh oblastiakh, avtoreferat dissertatsii, predstavlennoi na soiskanie uchenoi stepeni kandidata fiziko-matematicheskikh nauk. Nauchn. rukovoditel' M. M. Dzhrbashian. Erevan, In-t matem. i mekhaniki AN Armianskoi SSR, 1960. 12 p.

[MICROFILM]

Behavior of the trajectories of a system which is close to an autonomous Hamiltonian system. V. Mel'nikov. Dokl. AN SSSR. 142 no. 3 542-545 Ja '62.

Dirichlet's L-functions. O. M. Fomenko. Dokl. AN SSSR. 142 no. 3 554-556 Ja '62.

Extension of Goluzin-Schiffer's variational method to multiply connected regions. S. A. Gel'fer. Dokl. AN SSSR. 142 no. 1,503-506 Ja '62.

Golubev, V. V. [Single-valued analytic functions; automorphic functions] Odnoznachnye analiticheskie funktsii, avtomorfnye funktsii. Vstup. stat'ia A. I. Markushevicha. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 455 p. (Biblioteka russkoi nauki: matematika, mekhanika, fizika, astronomiia)

Relations between certain classes of functions, regular in the unit circle [with summary in English]. V. P. Khavin. Vest. LGU. 17 no. 1:102-110 '62.

FUNCTIONS, AUTOMORPHIC

Golubev, V. V. [Single-valued analytic functions; automorphic functions] Odnoznachnye analiticheskie funktsii; avtomorfnye funktsii. Vstup. stat'ia A. I. Markushevicha. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 455 p. (Biblioteka russkoi nauki: matematika, mekhanika, fizika, astronomiia)

FUNCTIONS, CONTINUOUS

Conditions for the convergence of the cubing process for continuously differentiated functions. V. I. Krylov, I. A. IAnovich. Dokl. AN BSSR. 5 no. 11:486-488 N '61.

Some properties of a class of surfaces that can be homographed in single-valued functions. O. N. Mukhin. Vest. Mosk. un. Ser. 1: Mat., mekh. 17 no. 1:24-29 Ja-F '62.

FUNCTIONS, ENTIRE

Expansion into biorthogonal systems composed of Volterra functions. A. A. Kitbalian. Izv. AN Arm. SSR. Ser. fiz.-mat. nauk. 14 no. 6 17-47 '61.

FUNCTIONS, PERIODIC

Approximation of almost periodic functions with bounded spectra. E. A. Bredikhina. Mat. sbor. 50 no. 1:59-76 Ja '62.

[illegible], [illegible] on differential equations [illegible]

[illegible], [illegible] on Weighted [illegible]

[illegible] on Complex Variables

[illegible] of the [illegible] of [illegible] [illegible] [illegible]

GAMMA RAYS—INDUSTRIAL APPLICATIONS

Behavior of ceramic dielectrics under the effect of hard γ-rays A S Kostukov, T M Smirnova. Trudy GIFKI no 4 120-127 '60

Inspecting the quality of reinforced concrete elements using a radiometric method V A Volokhov, S IA Vartsaro , A S Orekhov Energ stroi no 20 62-64 '61

GAMMA RAYS—PHYSIOLOGICAL EFFECT

Change in higher nervous activity, and in the peripheral blood picture during prolonged gamma-ray irradiation (CO^{60}) of dogs [with summary in English] A F Makarchenko, R S. Zlatin, M F. Sirotina Zhur vys nerv deiat 11 no 5 895-901 S-O '61

Changes in the respiration intensity of brain tissues in rabbits following fractional gamma irradiation V. A. Kukushkina. Dokl AN BSSR 5 no 12 572-574 D '61

Effect of gamma rays of radioactive cobalt on the amount of intermediate products of glycolysis in the central nervous system V. I. Malashko Dokl AN BSSR 5 no 11,517-519 N '61

Protective action of hypoxia in "brief" and "prolonged" irradiation of mice by gamma rays. I. B. Brichkovskaia. Med rad. no 6 68-72 '61

GAMMA RAYS—SAFETY MEASURES

Tables for calculating the thickness of lead-glass shielding against an "extensive" beam of γ-rays L. M. Mikhailov, Z. S. Arefieva Atom energ 12 no 1 58-62 Ja '62

GAMMA RAYS—SCATTERING

Elastic scattering of 247 Mev. gamma-quanta on hydrogen [with summary in English] P S Baranov and others Zhur eksp i teor fiz. 41 no 6 1713-1721 D '61

GAMMA RAYS—SPECTRA

Instrument spectra of γ-radiation from infinite strata of uranium ore S G Troitskii, V. I Shashkin, K. I Bykova Atom energ 12 no 1 67-70 Ja '62

Possibility for separate determination of uranium and thorium on measurements of γ-ray spectra from ores occurring naturally S. G. Troitskii, V. I. Shashkin, K. I Bykova Atom energ. 12 no 1,70-72 Ja '62.

GAMMA RAYS—THERAPEUTIC USE

Pathomorphological changes in telegamma therapy of osteogenic sarcomas [with summary in English]. E. D. Savchenko, G. G. Mitrov Med. rad no 7-3-9 '61.

Ruderman, A. I., and M. Sh. Vainberg. [Physical principles of teletherapy using X-rays and gamma rays, static and moving irradiation] Fizicheskie osnovy distantsionnoi rentgeno- i gammaterapii, staticheskoe i podvizhnoe obluchenie Moskva, Medgiz, 1961. 243 p. (DNLM)

Telegammatherapy of laryngeal cancer with the GUT-Co-400 apparatus B IA IUditskii Med rad. no. 6 14-16 '61

GANGLERON

Participation of M- and N-cholino-reactive systems in conditioned reflex switching. G E. Grigorian. Dokl. AN Arm SSR 33 no. 4 187-191 '61.

GARAGES

Is a heated garage needed for an automobile? E Permiak Avtomobilist 1 70 '61

What an owner or tenant of a garage should know P Pabinovich Avtomobilist 1 67-91 '61

GARIBALDI, GIUSEPPE, 1807-1882

Nevler, V. E. [Giuseppe Garibaldi] Dzhuzeppe Garibal'di. Moskva, Gos. izd-vo polit. lit-ry, 1961. 123 p.

GAS, NATURAL
(see also subdivision under Ukraine)

Combined processing of crude oil and casing-head gases. A. N. Vereshchagin, A. M. Lobkov, A. L. Shtangeev Gaz prom 7 no. 1:20-23 '62

Conversion of free piston engines to natural gas fuel. E. Arutiunian. Prom Arm 4 no 11-58-61 N '61

Conversion of shaft cementation furnaces to the use of natural gas A. IA. Nemirovskii. Gaz. prom 7 no 1:32-35 '62

Economic effectiveness of capital investments in the casing-head gasoline production. A. P. Burmistrov. Gaz prom 7 no 1:37-42 '62.

The economic prerequisites for the distribution of electric power stations operating on gas. IU. M. Kogan. Och. po sovr. sov. i zarub. ekon. no. 1:146-174 '60.

General prospect for the development of the natural gas production for the next 20 years V. G. Vasil'ev, N. S. Erofeev Gaz prom 7 no. 1,4-8 '62

Heat transfer in furnaces with luminous and nonluminous flames. N. A. Zakharikov, V P Kononko Gaz prom 6 no. 11:22-27 '61.

Industrial refining of tars obtained from the pyrolysis of hydrocarbon gases in Baku plants. R.G Ismailov, T.M. Ivanova, Z.A Sultanov. Azerb. neft khoz 40 no 11-33-37 N '61

Kalamkarov, V. A. [Development of the oil and gas industries] Razvitie neftianoi i gazovoi promyshlennosti. Moskva, Gos. nauchno-tekhn izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 54 p

Meeting on the use of natural gas in the boiler systems of industrial enterprises M. N. Pavlov, I. G. Tikhomirov Prom energ 15 no 7 56-58 Jl '60

Petroleum and gas industries from the 20th to the 22d Congress of the CPSU. V. A. Kalamkarov. Neft. khoz. 39 no. 10 1-8 O '61.

Process gas obtained by the high temperature conversion of hydrocarbon gases IA. S kazanovskii and others Gaz prom 7 no 1,43-50 '62

Rate of interaction between gases and solid carbon. P. A. Tesner. Trudy VNIIGAZ no 12 3-15 '61

Safety measures in producing acetylene of natural gas, I S Roizen. Bezop trudav prom. 5 no 12 18-19 D '61

Some theoretical problems connected with the blowing into blast furnaces of reducing gases N I Krasavtsev Izv vys uchob zav., chern. met 4 no 12 31-39 '61

GAS, NATURAL—COSTS

Effect of volumetric changes in the gas output on the production cost. I I Mints Gaz prom 6 no 11-16-18 '61

GAS, NATURAL—GEOLOGY
(see also subdivision under Apsheron Peninsula; Azerbaijan, Baku Archipelago; Bol'shoy Kinel' Valley; Caucasus, Northern, Kirghizistan; Kobystan; Kyurovdag region; Siberia, Western, Soviet Central Asia, Uzbekistan, Volga-Ural region)

Basic characteristics of changes in the gas potential of coal strata M M Elinson Trudy MGRI 37 226-234 '61

Brief account of the results of oil and gas prospecting in the U. S. S. R. in 1961 and problems for 1962 P. I. Levitskii Geol nefti i gaza 6 no 1:1-7 Ja '62

Deformation of crumpling of rocks as an energy source in oil and gas formation V. P Krymov Izv vys. ucheb. zav. ;neft' i gaz 4 no 6 9-14 '61.

Gas potential of some mineral deposits associated with igneous rocks A I Fridman Trudy MGRI 37 209-225 '61

Study of regularities in the distribution of oil and gas fields. N. A. Kudriavtsev Geol. nefti i gaza 6 no. 1: 23-28 Ja '62

Thermodynamic basis of regularity in the distribution of oil and gas fields M. A. Lipovskii. Geol nefti i gaza 6 no. 1:18-23 Ja '62.

GAS, NATURAL—HYDRATES see subdivision under Shebelinka region

GAS, NATURAL—PIPELINES
(see also subdivision under Uzbekistan)

Desorber and boiler automation in a gas-drying unit. V. I Istomin. Gaz prom 6 no. 11.46-50 '61.

Gas pipeline 4,500 km in length. Izv. vys. ucheb. zav. ; neft' i gaz 4 no. 6:66 '61.

Moiseev, G. I. [Centrifugal compressor stations] Kompressornye stantsii s tsentrobezhnymi nagnetateliami. Leningrad, Gos. nauchno-tekhn. izd-vo neft i gorno-toplivnoi lit-ry, 1961. 61 p.

Repair work at the subaqueous part of the siphon crossing of a gas pipeline IU. D Lebedev-TSvetkov Gaz. prom. 6 no. 11:46-48 '61

GAS, NATURAL—STORAGE

Dynamics of draining of a layer in the construction of underground gas reservoirs. I. A. Charnyi and others Gaz prom. 7 no. 1:51-54 '62.

Methods for calculating the basic parameters of underground gas reservoirs S. N Buzinov, E. V. Levykin. Gaz. prom. 6 no. 11:39-46 '61.

GAS AND OIL ENGINES

Certain results of the study of the operating process of a hydrogen piston engine. B. E. Laviov, V. I. Khmyrov. Trudy Inst. energ AN Kazakh. SSR 2:326-332 '60

GAS AND OIL ENGINES—FUEL SYSTEMS

Regulating the performance of a two-stroke engine with gasoline injection. I. M. Lenin, A. F. Nikol'skii. Avt. prom. 27 no. 12:5-8 D '61.

GAS AND OIL ENGINES—LUBRICATION

Relationship between the working temperature of oil and its quantity in the lubrication system of an internal combustion engine N. S Pasechnikov. Vest. mash 42 no. 1:43-46 Ja '62.

GAS AND OIL ENGINES—MAINTENANCE AND REPAIR

Russia (1917- R. S. F. S. R.) Ministerstvo rechnogo flota. Tekhnicheskoe upravlenie. [Technical specifications for the repair of the 3D6 TU RF 411-IIR-59 internal combustion engine] Tekhnicheskie uslovila na remont dvigatelia vnutrennego sgoraniia 3D6 TU RF 411-IIR - 59. Moskva, Izd-vo "Rechnoi transport," 1961. 343 p.

GAS AND OIL ENGINES—TESTING

Some characteristics of hearing in specialists in the auditory detection of flaws in internal combustion engines [with summary in English]. IU. A. Kalikinskii. Vop psikhol. 7 no. 5 121-134 S-O '61.

Testing overhead-valve gas-distributing mechanisms of high-speed engines A. V. Adamovich, IU. A Kogan Avt prom 27 no 12-8-10 D '61

GAS AS FUEL
(see also subdivision under Ryazan Province)

Combustion of gas fuel in the pseudofluidized bed of an intermediate heat-transfer agent [with summary in English]. N V. Antonishin, S. S Zabrodskii Inzh.-fiz. zhur 5 no 2:10-14 F '62.

Oil and gas in future fuel and power resources of the country. L. M. Tomashpol'skii. Neft. khoz. 39 no. 10 13-17 O '61.

GAS AS FUEL—ANALYSIS

Picking samples of combustion products along the overbottom regenerator channels A. P. Borodikhin Koks i khim no. 8,25-26 '61

GAS BURNERS

Conference on the construction and designs of burners. I Porer. Gaz prom. 7 no. 1:54-55 '62

Designing hearth burners. I. IA. Dorfman, M. I. Gerlina Gaz prom. 7 no 1:33-37 '62

Devices for burning natural gas in the furnaces of small boilers, M. IA Kriger, Prom. energ. 15 no. 7:27-31 Jl '60

GAS CHROMATOGRAPHY

Chromatographic determination of impurities using a flame-ionization detector N. M. Turkel'taub, S. A. Amshtein, B. V Kuznetsov Khim i tekh topl i masel 6 no 12 44-50 D '61.

Microdetermination of active hydrogen by gas chromatography M N. Chumachenko, L. B Tverdikova Dokl AN SSSR 142 no. 3 612-614 Ja '62

GAS DISTRIBUTION

Calculating a low-pressure ring distributing main system. IA. M. Torchinskii. Gaz prom. 7 no 1:30-32 '62

"Regulations on gas supply for main gas pipelines and to consumers." IA. B Baranb Gaz prom. 7 no 1: 45-46 '62

Technical and economic indices of the gas supply to rural areas. V. T. Barinov Gaz. prom. 6 no 11:31-33 '61.

Using electronic computers for calculating multifunctional urban gas systems. A. M Levin and others Gaz prom 6 no. 11:33-34 '61.

GAS DYNAMICS

Calculation of pressure changes in an unbounded water-bearing bed during the period of gas injection in view of the incompleteness of displacement. V. N. I Shmanov Gaz. prom. 5 no. 11:6-9 '61.

Charnyi, I. A. [Fundamentals of gas dynamics] Osnovy gazovoi dinamiki. Moskva, Gos. nauchno-tekhn izd-vo neft i gorno-toplivnoi lit-ry, 1961. 199 p.

Effect of gas dynamic relaxation of CO_2 on the resistance factor of a sphere at supersonic velocities. G I Mirkin, V. A. Ovsiannikov. Zhur. tekh fiz. 31 no 12 1161-1171 D '61.

Hydrodynamic phenomena in blast furnace charge layers and their effect on changes in the hot blast permeability layers. A. S. Kukarkin, B. I. Kitaev, V. P. Tikhonov. Izv vys. ucheb. zav , chern met. 4 no. 12 27-30 '61

GAS FLOW

Approximate method of solving problems of unsteady gas flow. M. A. Guseln-Zade. Trudy MINKHiGP no. 33, 209-212 '61.

Approximate method of solving the problem of one-dimensional unsteady gas flow. Lan Chzhun-sin' [Lang Chang-hsin]. Trudy MINKHiGP no. 33:280-289 '61.

Approximate method of solving the problem of unsteady gas flow in a circular layer. Lan Chzhun-sin' [Lang Chang-hsin]. Trudy MINKHiGP no. 33:252-269 '61.

Degree of absorption of gaseous substances in dependence on their concentration in a gas mixture flow. M. T. Borok Zhur. prikl. khim. 35 no. 1 95-99 Ja '62.

Drag on a plate placed in a rarefied gas flowing through a tube [with summary in English] I. P. Otnokhova. Vest. Mosk. un. Ser 1:Mat., mekh. 17 no. 1:68-73 Ja-F '62.

Flow of dissociating nitrogen between two parallel plates [with summary in English] L. A. Kulonen. Vest. LGU 17 no. 1:116-123 '62.

Local redistribution of the total energy in the boundary layer of a compressible gas near the surface of a burning body. L. A. Vulis, V. P. Kashkarov. Zhur. tekh. fiz 31 no 12 1177-1184 D '61.

Theory of imperfect gas flow in pipelines. E. A. Orudzhaliev. Izv. vys. ucheb. zav. ;neft' i gaz 4 no. 6:111-116 '61.

Unsteady radial movement of gas in a nonuniform layer. M. A. Guseln-Zade. Trudy MINKHiGP no. 33:198-208 '61.

GAS INDUSTRY
(see also subdivision under Gazli region; United States)

Gas industry abroad. Gaz. prom. 7 no. 1:56 '62.

Gas industry at a new stage of its development. A. Kortunov. Gaz. prom. 7 no. 1:1-3 '62.

GAS INDUSTRY (Continued)

Smyshliaeva, L. M. [Development of gas industry and the economic effectiveness of capital investments] Razvitie gazovoi promyshlennosti i ekonomicheskaia effektivnost' kapitalovlozhenii Moskva, Izd-vo Akad. nauk SSSR, 1961. 190 p.

GAS INDUSTRY—CONGRESSES

All-Union Conference of Inventors and Efficiency Promoters of the Oil and Gas Industry. S. Polumenov. Gaz. prom. 7 no. 1,55-56 '62.

GAS MANUFACTURE AND WORKS

Process gas obtained by the high temperature conversion of hydrocarbon gases. IA. S. Kazanovskii and others. Gaz. prom. 7 no. 1:43-50 '62.

GAS MANUFACTURE AND WORKS—TABLES, CALCULATIONS, ETC.

Problems of the calculation of material and heat balance in gas producers and burners with fluidized bed. O. B. TSitovich, V. S. Evstukov. Trudy LIEI no. 36,96-103 '61.

GAS PIPES

Comparison of various power drives to the centrifugal pressure pipes in compressor stations of a gas main. B. P. Porshakov, R. N. Bikchental, I. A. Strel'tsov. Gaz. prom. 6 no. 11,50-56 '61.

GAS PRODUCERS

Problems of the calculation of material and heat balance in gas producers and burners with fluidized bed. O. B. TSitovich, V. S. Evstukov. Trudy LIEI no. 36,96-103 '61.

GAS PURIFICATION see Gases—Purification

GAS PURIFIER see Scrubber (Chemical technology)

GAS TURBINES

Bikchental, R. N., G. S. Lopolan, and B. P. Porshakov. [Use of gas turbine systems in industry] Primenenie gazoturbinnykh ustanovok v promyshlennosti. Moskva, Gosinti, 1959. 147 p. [MICROFILM]

Comparison of various power drives to the centrifugal pressure pipes in compressor stations of a gas main. B. P. Porshakov, R. N. Bikchental, I. A. Strel'tsov. Gaz. prom. 6 no. 11:50-56 '61.

Gas turbines. H. A. Hohotsi. Nauka i zhytiia 11 no. 10: 14-17 O '61.

Nosov, M. V. [Calculation of the basic dimensions of a single-stage centripetal turbine, textbook] Raschet osnovnykh razmerov odnostupenchatoi tsentrostremitel'noi turbiny; uchebnoe posobie. Moskva, Gos. nauchno-tekhn. izd-vo oborongiz, 1961. 81 p.

Use of gas turbine engines in fire equipment. Pozh. delo 8 no. 1,3 of cover Ja '62.

GAS WELDING AND CUTTING

Use of propane-butane for cutting metal in the assembly of the heat-generating equipment of electric power plants. V. S. Koklik. Energ. stroi. no. 20 137-140 '61.

GAS WELDING AND CUTTING—HYGIENIC ASPECTS

Kuritskii, E. I., and A. A. Krasnovskii. [Industrial hygiene in gas welding and cutting] Gigiena truda gazosvarshchika i gazorezchika. Moskva, Medgiz, 1960. 30 p. (Nauchno-populiarnaia meditsinskaia literatura)

GAS WELL LOGGING

Using gas logging data in predicting the character of pools. IU. M. IUrovskii. Geol. nefti i gaza 6 no. 1: 41-47 Ja '62.

GAS WELLS

(see also subdivision under Ukraine)

Selecting the diameter of gas well production casings. A. L. Kozlov and others. Gaz. prom. 7 no. 1:9-14 '62.

GASES—ABSORPTION AND ADSORPTION

Mechanism of low-temperature oxidation of electrode carbon [with summary in English]. V. V. Pomerantsev, IU. A. Rundygin. Inzh.-fiz. zhur. 5 no. 2:3-9 F '62.

GASES—ANALYSIS

Use of the GKh-1 gas analyzer in testing boiler units. N. F. Afonina. Elek. sta. 32 no. 12:5-7 D '61.

GASES—DIFFUSION see Diffusion

GASES—PURIFICATION

Investigation of the process of hydrogen sulfide removal from coke-oven gas by potassium solutions in a scrubber with a pulverizing-atomizing plate. I. G. Plit and others. Koks i khim. no. 10:42-47 O '61.

GASES—SEPARATION

BR-5 air separation apparatus of the All-Union Scientific Research Institute of Oxygen Apparatus and Machinery. V. S. Gorokhov and others. Trudy VNIIKIMASH no. 4: 3-25 '61.

Condensation-evaporation method for the separation of a binary mixture. B. G. Bergo, M. E. Aerov, K. P. Bereznaia. Khim. prom. no. 1:57-60 Ja '62.

GASES, KINETIC THEORY OF

Relations between equations in the kinetic theory of gases [with summary in English]. V. A. TSibarov. Vest. LGU 17 no. 1 147-151 '62.

GASES, RARE

Finkel'shtein, D. N. [Inert gases] Inertnye gazy. Moskva, Izd-vo Akad. nauk SSSR, 1961. 197 p. [MICROFILM]

GASES IN SOILS

Effect of different green-fallow crops on the intensity of soil respiration. P. P. Vavilov, N. V. Chebykina. Trudy Komi fil. AN SSSR no. 9:33-36 '60.

GASOLINE

Economic effectiveness of capital investments in the casing-head gasoline production. A. P. Burmistrov. Gaz. prom. 7 no. 1:37-42 '62.

Extraction of gasoline and inorganic admixtures from polyethylene in rotation apparatus. A. M. Ginsting, A. A. Baram. Khim. prom. no. 9 23-28 S '61.

Obtaining solvents from casing-head gasolines. M. G. Voronchikhina and others. Trudy VNIIGAZ no. 12:150-161 '61.

Study of the operation of desorbers of oil absorption apparatus. A. I. Khalif, I. M. Kof. Trudy VNIIGAZ no. 12:150-158 '61.

GASOLINE—ANTIKNOCK AND ANTIKNOCK MIXTURES

New antiknock compound for gasolines. V. Zaitsev and others. Avt. transp. 40 no. 1:17-19 Ja '62.

GASOLINE—CLEANING

We filter fuel in a filling station pump. A. Kulish. Tyl. i snab. Sov. Voen. Sil. 21 no. 11 89 N '61.

GASOLINE—STORAGE

Centrifuge for removing water from reservoirs. N. Sirenko. Tyl. i snab. Sov. Voen. Sil. 21 no. 11 87-88 N '61.

GASTRIC JUICE

Change in the secretory activity of the stomach in thyrotoxicosis treated with I^{131} [with summary in English]. I. I. Kurbatova. Terap. arkh. 33 no. 10 15-20 '61.

Probeless determination of gastric juice acidity in glossodynia. E. S. Avoiskaia, A. K. Shenia, N. A. Miasnikalova. Vrach. delo no. 6 15-17 Je '61.

Side effects of ACTH and cortisone on gastric secretion [with summary in English]. I. P. Smirnov. Klin. med. no. 1 114-116 '62.

Study of the acid-forming function of the stomach in disease [with summary in English]. V. A. Voluk. Terap. arkh. 33 no. 6 37-45 '61.

GASTRITIS see Stomach—Inflammation

GASTROENTEROLOGY

Mycerin therapy in colienteritis and other infectious gastrointestinal diseases in young children [with summary in English]. A. G. Avanesova, F. F. Rabinskaia, L. V. Poliak. Sov. med. 25 no. 6:105-109 Je '61.

Present status of and prospects for development of gastroenterology in the Soviet Union. S. M. Ryss. Terap. arkh. 33 no. 8 3-9 '61.

Serological methods in gastroenterology. I. Polchak. Zdrav. Tadzh. 8 no. 5:3-6 S-O '61.

GASTROINTESTINAL MOTILITY

Dyskinetic disorders of the gastrointestinal canal in intoxications in infants [with summary in English]. V. I. Zuzanova. Vop. okh. mat. i det. 6 no. 8:44-48 Ag '61.

Effect of cholinolytics methyldiazil and methyldiphacil on motor activities of the gastrointestinal tract [with summary in English]. M. N. Makhsumov. Farm. i toks. 24 no. 3:327-335 My-Je '61.

Effect of levomycetin on the motor functions of the gastrointestinal tract [with summary in English]. N. K. Popova. Farm. i toks. 24 no. 3:336-338 My-Je '61.

Effect of the ganglion blocking preparation, dioquino, on the motility of the stomach. D. V. Tolmach. Khim. i med. no. 15:107-113 '60.

GASTROPODA see subdivision under Daghestan

GASTROPODA, FOSSIL see subdivision under Armenia; Kuznetsk Basin

GASTROSCOPY

Gastroscopic picture in chronic gastritis [with summary in English]. P. A. Kanishchev. Sov. med. 25 no. 10: 38-42 O '61.

Gastroscopy as a supplementary method of study of the stomach in an oncological clinic. M. A. Danilin. Vop. onk. 7 no. 5:91-96 '61.

Gastroscopy in the diagnosis of chronic gastritis, peptic ulcer and polyposus gastric disease. E. D. Abdullaeva. Azerb. med. zhur. no. 7:62-70 Jl '61.

GATOV, ALEKSANDR

"There is a dear land" by Aleksandr Gatov. Reviewed by A. Volkov. Oktiabr' 38 no. 7:218-219 Jl '61.

GAUGES

Optical pocket angle gauge. V. T. Kopylov, L. I. Zharkova. Mashinostroitel' no. 1:30 Ja '62.

GAUGES—STANDARDS

[Gauges] Kalibry. Izd. ofitsial'noe. Moskva, Gos. izd-vo standartov, 1961. 103 p. (SSSR Gosudarstvennyo standarty)

GAUGUIN, PAUL, 1848-1903

Paul Gauguin's painting "Tahitian family." A. Izergina. Sbob. Gos. Rum. no. 20:11-16 '61.

GAURDAK REGION—SULFUR

Principal patterns of the distribution and structure of sulfur ores of Gaurdak. V. D. Krugan. Dokl. AN SSSR 143 no. 3 677-680 Ja '62.

GAZLI REGION—GAS INDUSTRY

Strides of Hercules. Nar. khoz. Uzb. 4 no. 1:51 Ja '62.

GEAR CUTTING

Abrasive shaving of teeth of hardened spur pinions. V. I. Romanov, G. V. Shabanova. Avt. prom. 27 no. 12: 33-38 D '61.

Efficient use of the length of a worm hob in rough gear cutting. A. G. Shmulevich. Stan. i instr. 33 no. 2: 26-28 F '62.

New methods for machining worm gears. A. T. Korpov. Mashinostroitel' no. 1 31 Ja '62.

GEAR-CUTTING MACHINES

Automatic line for machining pinions. G. A. Tunkov. Mekh. i avtom. proiiv. 16 no. 1:4-6 Ja '62.

Horbatsevich, A. F., and V. P. Kuznetsov. [Automatic lines for manufacturing gear wheels] Avtomaticheskie linii dlia proizvodstva zubchatykh kolos. Minsk, Izd-vo Akad. nauk BSSR, 1961. 132 p.

GEAR-SHAPING MACHINES

Horbatsevich, A. F., and V. P. Kuznetsov. [Automatic lines for manufacturing gear wheels] Avtomaticheskie linii dlia proizvodstva zubchatykh kolos. Minsk, Izd-vo Akad. nauk BSSR, 1961. 132 p.

Standardization of gear chamfering methods at the Likhachev Automobile Spare Part Plant. T. Kazanchian. Prom. Armen. 4 no. 11:32-35 N '61.

GEARING

All-Union scientific technical conference on the problems of quality and durability of involute gears. IU. A. Mishurin. Vest. mash. 42 no. 1:83-87 Ja '62.

Calculating gear wheels made of the DSP-G laminated wood plastics and paired with steel wheels. I. P. Devin. Izv. vys. uchеb. zav., mashinostr. no. 8 91-97 '61.

Shats, IA. IU. [Fundamentals of the design of coaxial gears] Osnovy proektirovaniia optimal'nykh soosnykh peredach. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 202 p.

Use of high-frequency induction heating for surface tempering of gears. I. Sh. Svet. Trakt. i sel'khozmash. 31 no. 12, 31-32 D '61.

GEARING—STANDARDS

Results of the standardization of toothed transmissions. N. N. Markov, M. A. Patel. Standartizatsiia 26 no. 1: 18-20 Ja '62.

GEARING, SPUR

Automatic control system for the thermal treatment of the star wheels of combines. M. M. Klimov. Prom. energ. 15 no. 8 8-9 Ag '60.

GEARING, WORM

Temperature in the contact area of a worm pair. G. I. Kornilov. Nauch. zap. IMA AN UkrSSR ser. mashinoved. 7 no. 7:166-169 '61.

GEISSOSCHIZINE

Structure of geissoschizine. E. A. Markarian, R. P. Evstigneeva, N. A. Preobrazhenskii. Izv. AN Arm. SSR. Khim. nauki 14 no. 5 511-512 '61.

GEMS

Stones become precious. N. Kologrivov. Znan. sila 37 no. 1:10-16 Ja '62.

GENERALIZED SPACES see Spaces, Generalized

GENERATIVE ORGANS—RADIOGRAPHY

Integral absorption dose in the gonadal region during X-ray examinations of the stomach and lungs [with summary in English]. B. M. Aliev. Med. rad. no. 1: 58-62 '62.

GENERATIVE ORGANS, FEMALE—CANCER

Functional changes in the myocardium during X-ray treatment of cancer of the female genitalia and breast [with summary in English]. M. M. Nivinskaia, K. P. Buteiko. Med. rad. no. 7:14-18 '61.

GENERATIVE ORGANS, FEMALE—DISEASES

Bekker, S. M., and S. G. Khaskin, eds. [Women's clinic] Zhenskaia konsul'tatsiia. [Leningrad] Medgiz, 1961. 149 p. (DNLM)

Use of ronidase and lipase iontophoresis in chronic inflammatory diseases of the uterus, adnexa and parametrial tissues [with summary in English]. I. N. Rember. Sov. med. 25 no. 9:33-36 S '61.

GENERATIVE ORGANS, MALE
Phenomenon of secondary polymerization of gonads in hymenolepidids. A. A. Spasskii. Dokl. AN SSSR 142 no. 3 734-736 Ja '62

GENERATIVE ORGANS, MALE—ABNORMITIES AND DEFORMITIES
Defects in development of the genitalia [with summary in English]. U. IA. Podar. Arkh. pat. no. 1 78-81 '62

GENERATORS, ELECTRIC see Electric generators

GENETICS—BIBLIOGRAPHY see Bibliography—Genetics

GENITOURINARY ORGANS—TUBERCULOSIS
Some problems in therapeutic and prophylactic aid to patients with tuberculosis of the organs of the genitourinary system [with summary in English]. B. A. Shmukler, B. M. Reznik. Sov. med. 25 no. 6 126-129 Je '61.

GEO-ELECTRIC PROSPECTING see Electric prospecting

GEOCHEMICAL PROSPECTING see subdivision under Transbaikalia

GEOCHEMISTRY
(see also subdivision under Yakh-Su Valley)

Tauson, L. V. [Geochemistry of rare elements in granitoids] Geokhimiia redkikh elementov v granitoidakh. Moskva, Izd-vo Akad. nauk SSSR, 1961. 229 p.

GEODESY
[Advanced geodesy] Vysshaia geodeziia. [By] V. G. Zdanovich i dr. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 607 p.

Rabinovich, B. N. [Practical work in advanced geodesy; calculating operations] Praktikum po vysshei geodezii, vychislitel'nye raboty. Izd. 2., perer. i dop. Moskva, Izd-vo Geodez. lit-ry, 1961. 338 p.

GEODESY—ABSTRACTS
[Astronomy and geodesy] Ref. zhur.: Astron. i geod. no. 1 Ja '62

GEODIMETER
Field tests of the DST-2 optical range finder. G. I. Borodulin. Geod. i kart. no. 11 24-29 N '61

Results of running polygonal traverses by the use of the DS-2 optical range finder. V. D. Bol'shakov, V. S. Mikheechev. Izv. vys. ucheb. zav., geod. i aerof. no. 4 29-37 '61.

GEOGRAPHERS
Calendar of noteworthy dates. Geog. v shkole 25 no. 1: 86-88 Ja-F '62.

GEOGRAPHICAL NAMES see Names, Geographical

GEOGRAPHICAL SOCIETIES see subdivision under Armenia

GEOGRAPHY
(see also subdivision under Armenian Highland, Kuma Valley; Soviet Far East; White Russia)

Geographical news. Geog. v shkole 25 no. 1:69-82 Ja-F '62.

Joint session of the Academies of Sciences of the Armenian, Georgian, Azerbaijan S. S. R., Department of Geological and Geographical Sciences. E. M. Shikhlinskii, V. M. Aliev. Izv. AN Azerb. SSR Ser. geol.-geog. nauk i nefti no. 3 93-95 '61

M. V. Lomonosov and geographical science. A. G. Babaev. Izv. AN Turk. SSR, Ser. biol. nauk no. 6:3-6 '61.

M. V. Lomonosov and geography; on the 250th anniversary of his birth. A. F. Laktionov. Izv. Vses. geog. ob-va 93 no. 6:461-478 N-D '61.

GEOGRAPHY—ABSTRACTS
[Geography] Ref. zhur.: Geog. no. 1 Ja '62.

GEOGRAPHY—AUDIO-VISUAL AIDS
Geography teacher builds up a photographic index. A. M. Belokopytov. Geog. v shkole 25 no. 1:42-44 Ja-F '62

Working with an "up-to-date" map in school. P. I. Laktionova. Geog. v shkole 25 no. 1:53-55 Ja-F '62

GEOGRAPHY—BIBLIOGRAPHY see Bibliography—Geography

GEOGRAPHY—STUDY AND TEACHING
(see also subdivision under Slavyansk)

Editor's mail. M. A. Kalinin and others. Geog. v shkole 25 no. 1:58-61 Ja-F '62.

Uniform orthographic system in geography classes. L. A. Gavriliuk. Geog. v shkole 25 no. 1:39-41 Ja-F '62.

GEOGRAPHY, ANCIENT see subdivision under India

GEOGRAPHY, ECONOMIC
(see also subdivision 'Economic geography' under Asia; Moscow region; Sierra Leone; Udmurt A.S.S.R.; Virgin Territory; Wrangel Island; Yakutia)

Multivolume geographical description of the Soviet Union. I. V. Kozlov. Geog. v shkole 25 no. 1:85 Ja-F '62.

GEOGRAPHY, ECONOMIC—MAPS see also subdivision 'Economic geography—Maps' under Africa

GEOGRAPHY, ECONOMIC—STUDY AND TEACHING
"Studying the topic 'Geography of heavy industry in the U. S. S. R.' in the ninth grade of schools for working youth" by T. Nechaeva. Reviewed by F. Shevtsakov. Geog. v shkole 25 no. 1:89-90 Ja-F '62

GEOGRAPHY, MEDICAL see Medical geography

GEOGRAPHY, PHYSICAL see Physical geography

GEOLOGICAL RESEARCH
[Experimental geomorphology] Eksperimental'naia geomorfologiia. [By] N. I. Makkaveev i dr. [Moskva] Izd-vo Mosk. univ., 1961. 193 p.

Urgent problems of present-day geology. D. I. Shcherbakov. Vest. AN SSSR 32 no. 1 16-23 Ja '62

GEOLOGICAL TIME
Absolute age determination by the rhenium method. V. M. Aleksandruk. Biul. Kom. po opr. abs. vozr., geol. form. no. 4:141-147 '61.

Absolute age of base rocks in the eastern part of the Russian Platform. I. E. Starik, A. IA. Krylov, J. I. Silina. Biul. Kom. po opr. abs. vozr. geol. form. no. 4: 61-65 '61.

Absolute age of the granitoid intrusions in the southern part of central Kazakhstan. A. I. Ivanov, V. K. Monich, N. I. Zamiatin. Biul. Kom. po opr. abs. vozr. geol. form no. 4:30-47 '61.

Absolute age of the Lovozero and other alkaline massifs in the Kola Peninsula. I. D. Bespalova, E. I. Semenov. Biul. Kom. po opr. abs. vozr. geol. form. no. 4:77-80 '61.

Age of the Vostochnoye gold ore deposit in connection with the determination of the absolute age of igneous rocks in the Khatynnakh intrusive in the Kolyma Basin. L. V. Firsov. Biul. Kom. po opr. abs. vozr. geol. form no. 4:48-55 '61.

Comperative leaching of certain isotopes. I. E. Starik, G. E. Starik, A. N. Elizarova. Biul. Kom. po opr. abs. vozr. geol. form. no. 4:160-165 '61

Compiling the absolute chronology scale of the U. S. S. R. Biul. Kom. po opr. abs. vozr. geol. form. no. 4:4-7 '61.

Determination of disintegration coefficients of potassium-40 according to the radiogenic argon content in potassium minerals. G. Vezerilli, and others. Biul. Kom. po opr. abs. vozr. geol. form. no. 4:93-97 '61.

Determining the age of magnetites by the helium method. I. E. Starik, and others. Biul. Kom. po opr. abs. vozr. geol. form. no. 4:151-159 '61.

Determining the age of Pre-Cambrian metamorphic schists in Switzerland by the potassium-argon method. N. P. Semenenko. Biul. Kom. po opr. abs. vozr. geol. form. no. 4:56-58 '61.

Geological and mineralogical characteristics of a standard sample for systematic studies of absolute age determination. T. K. Kozhina. Biul. Kom. po opr. abs. vozr. geol. form. no. 4:8-19 '61.

Geological interpretations of radiological data in connection with absolute age determinations. G. D. Afanas'ev, I. B. Borisevich, Ch. L. Shanin. Izv. AN SSSR, Ser. geol. 27 no. 1:26-40 Ja '62

New data on the age of the Chegan series. Inform. sbor. VSEGEI no. 42:137-142 '61.

Photometric determination of potassium and sodium in ammonia-oxygen flame. M. M. Rubinshtein, and others. Biul. Kom. po opr. abs. vozr. geol. form. no. 4:109-113 '61.

Recent data on the geochronological scale of absolute chronology according to the materials of the Armenian S. S. R. G. P. Bagdasarian, R. Kh. Gukasian, A. Kh. Mnatsakanian. Dokl. AN Arm. SSR 33 no. 4 181-185 '61

Research on the "Absolute Chronology Scale of the U. S. S. R." T. B. Pekarskaia. Biul. Kom. po opr. abs. vozr. geol. form. no. 4:20-29 '61.

Results of the parallel determination of the absolute age of rare-metal quartz-feldspar vein according to A_1^{40}/K^{40} and He^4/Th^{232}. L. V. Firsov. Biul. Kom. po opr. abs. vozr. geol. form. no. 4:81-86 '61.

Selection of disintegration constants of potassium-40 for determining the age of rocks according to the argon-40 potassium-40 ratio. L. V. Firsov. Biul. Kom. po opr. abs. vozr. geol. form. no. 4:87-92 '61.

Suggestion for standardization of the system of publication of materials on absolute age. L. V. Firsov. Biul. Kom. po opr. abs. vozr. geol. form. no. 4:148-150 '61.

Time formation of the crystalline substratum in the Caucasus. M. M. Rubinshtein. Biul. Kom. po opr. abs. vozr. geol. form. no. 4:59-63 '61.

Verifying the accuracy of age determination by the lead-isotope methods. A. I. Brodskii, I. V. Goldenfeld. Biul. Kom. po opr. abs. vozr. geol. form no. 4:98-108 '61.

Voitkevich, G. V. [Problems of nuclear geology] Problemy radiogeologii. Red. L. V. Komlev. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1961. 360 p.

GEOLOGY
(see also subdivision under Alay Range; Bet-Pak-Dala, Kola Peninsula; Taman Ridge)

Classification and characteristics of physicogeological phenomena. P. N. Panikov. Trudy Lab. gidrogeol. probl. 35 9-13 '61.

Joint session of the Academies of Sciences of the Armenian, Georgian, Azerbaijan S. S. R., Department of Geological and Geographical Sciences. E. M. Shikhlinskii, V. M. Aliev. Izv. AN Azerb. SSR Ser. geol.-geog. nauk i nefti no. 3:93-95 '61.

Levites, IA. M. [Historical geology together with the principles of the paleontology and geology of the U. S. S. R.] Istoricheskaia geologiia s osnovami paleontologii i geologii SSSR. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1961. 295 p.

Lomonosov and geology. Sh. A. Azizbekov. Izv. AN Azerb. SSR, Ser. geol.-geog. nauk i nefti no. 5:3-10 '61.

GEOLOGY—ABSTRACTS
[Geology.] Ref. zhur.: Geol. no. 1 Ja '62; Avtorskii ukazatel' za 1960 g.

GEOLOGY—BIBLIOGRAPHY see Bibliography—Geology

GEOLOGY—MAPS
Using geological maps for drawing linear elements on exonometric block diagrams. S. M. Kravchenko. Trudy MGRI 37 152-158 '61

GEOLOGY—STUDY AND TEACHING
Russia (1923- U. S. S. R.) Ministerstvo sel'skogo khoziaistva. [Program on the elements of geology for students majoring in agriculture] Programma po osnovam geologii dlia agronomicheskikh spetsial'nostei sel'skokhoziaistvennykh vuzov. Moskva, 1960. 6 p. [MICROFILM]

GEOLOGY, ECONOMIC
(see also subdivision under Kursk Magnetic Anomaly)

Geology and the development of mineral resources for building communism. D. I. Shcherbakov. Izv. AN SSSR, Ser. geol. 27 no. 1:3-9 Ja '62.

GEOLOGY, STRATIGRAPHIC see subdivision under Abkhazia; Altykul' Valley; Chingiz-Tau; Crimea; Darvaza Range; Dzirula Valley; Estonia, Georgia, Gissar Range; Indigirka Valley; Kola Peninsula; Kurama Range; Salda region; Soviet Central Asia, Tajikistan; Taman Ridge; Volyn'-Podolian Upland

GEOLOGY, STRUCTURAL
(see also subdivision under Adzhinour region; Asia Minor; Azerbaijan; Caspian Depression; Caucasus, Caucasus, Northern; East European Plain; Europe; Georgia; Kara-Tau; Moscow region; Sikhote-Alin' Range; Volga Valley)

Some remarks on the use of physics in geotectonic studies. E. N. Lliustikh. Izv. AN SSSR, Ser. geol. 27 no. 1:109-110 Ja '62.

GEOMETRY—PROBLEMS, EXERCISES, ETC.
Use of trigonometry in the solution of geometric construction problems. A. K. Okunev. Uch. zap. MOPI 98:93-118 '60.

GEOMETRY, ALGEBRAIC
Singular points of algebraic surfaces containing an imaginary double Konigs's net. I. V. Zuev. Izv. vys. ucheb. zav.; mat. no. 1:41-49 '62.

GEOMETRY, ANALYTIC
Analytic geometry and nomography. A. A. Glagolev. Uch. zap. MOPI 98:75-91 '60.

Characteristics of the arrangement of Pascal lines. V. F. Kotov. Izv. vys. ucheb. zav.; mat. no. 1:65-73 '62.

Review of M. V. Pototskii's textbook on analytic geometry. A. A. Glagolev. Uch. zap. MOPI 98 329-342 '60.

GEOMETRY, DIFFERENTIAL
Finikov, S. P. [Differential geometry; course of lectures held at the mechanics branch of the Faculty of Mathematics and Mechanics of Moscow State University] Differentsial'naia geometriia; kurs lektsii, chitannyi na mekhanicheskom otdelenii mekhaniko-matematicheskogo fakul'tota MGU. [Moskva] Izd-vo Mosk. univ., 1961. 157 p.

Minimal V_3 congruences in R_4 Euclidean space. III. G. Lauriste, L. A. Tuulmets. Izv. vys. ucheb. zav.; mat. no. 1:74-82 '62.

Surfaces of constant mean curvature with an infinite number of spherically conjugate Chebyshev or geodesic nets. V. A. Tikhonov. Izv. vys. ucheb. zav.; mat. no. 1: 159-164 '62.

GEOMETRY, NON-EUCLIDEAN
Works on non-Euclidean mechanics in Russia. A. T. Grigor'ian. Trudy inst. ist. est. i tekh. 43:363-377 '61.

GEOMETRY, PROJECTIVE
Absence of polyhedral spectra for bicompacts. B. Pasynkov. Dokl. AN SSSR 142 no. 3:546-549 Ja '62.

Kolotov, S. M., ed. [Course in projective geometry] Kurs nachertatel'noi geometrii. 2. izd. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1961. 313 p.

GEOMORPHOLOGY
(see also subdivision under Azerbaijan; Khibiny Mountains; Yellow River Valley)

Relief of the preglacial weathered surface south of the Khibini Mountains and evidence of the ancient karst. M. I. Grave. Vop. geomorf. i geol. osad. pokr. Kol'. poluost. 1:160-171 '60.

GEOPHYSICS

Convection in a rotating sphere. Report No 1. B A Tverskoi Geomag i aer 1 no 5 629-637 S-O '61.
Convection in a rotating sphere Report No 2 B A Tverskoi Geomag i aer. 1 no 5 638-645 S-O '61

Orlov, A.IA. [Selected works in three volumes] Izbrannye trudy v trekh tomakh Kiev, Izd-vo Akad. nauk USSR
Vol 3 1961 242 p

Some remarks on the use of physics in geotectonic studies. E. N. Lisutkin. Izv. AN SSSR, Ser geol 27 no 1:109-110 Ja '62.

GEOPHYSICS— INTERNATIONAL COOPERATION see subdivision under Soviet Far East

GEORGIA—AGRICULTURE

For agricultural products for our country Blok.agit. [Gruz.] 18 no 16 12-13 Ag '61

GEORGIA—BOOK SCORPIONS

Distribution of Chelifer cancroides (L.) in the Georgian S S R D.N. Kobakhidze. Soob.AN Gruz.SSR 27 no 4,471-472 O '61

GEORGIA—CHEMICAL INDUSTRIES

For a large-scale chemical industry. Blok.agit.[Gruz.] 18 no 16:10-12 Ag '61.

GEORGIA—COLLECTIVE FARMS

Collective-farm propaganda center in these days. D.Makharoblidze. Blok.agit.[Gruz.] 18 no.16,17-19 Ag '61.

GEORGIA—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Model themes and literature for discussions in August. Blok.agit.[Gruz.] 18 no.14 31 Jl '61.

Vary forms and methods of political work among the masses T.Zumbadze. Blok agit.[Gruz.] 18 no.14: 12-15 Jl '61.

GEORGIA—CYBERNETICS

I talked to them. L. Agalian. Znan.sila 37 no. 1: 26-27 Ja '62.

GEORGIA—ECONOMICS

Economics in Soviet Georgia, 1921-1961. Trudy Inst ekon. AN Gruz. SSR 12:5-32 '61

GEORGIA—FEEDS

More varied feed for cattle. G.Lursabishvili. Blok. agit.[Gruz.] 18 no 16:25-27 Ag '61

GEORGIA—FOREST ECOLOGY

Interrelationships between the thin forests and the oak and oakhornbeam forests of the lower mountain slopes in eastern Georgia. M.A Svanidze. Soob.AN Gruz. SSR 27 no 4:463-470 O '61

GEORGIA—GEOLOGY, STRATIGRAPHIC

Recent data on the stratigraphy of Oligocene deposits of Mingrelia and adjacent regions of western Georgia. E.K.Vakhania. Soob.AN Gruz.SSR 27 no.4:419-426 O '61.

GEORGIA—GEOLOGY, STRUCTURAL

Division of the gravity field and geological interpretation of local gravity anomalies. G.Sh.Shengelaia. Soob. AN Gruz.SSR 27 no.4 399-404 O '61.

GEORGIA—GRAPES—FERTILIZERS AND MANURES

Effect of the time of nitrogen fertilizer application on grape yields. B. A. Vashkmadze. Soob AN Gruz. SSR 27 no. 5:547-552 N '61.

GEORGIA—HAMSTERS

Composition of peripheral blood and marrow in the Transcaucasian hamster. TS. I. Abakelina and others. Soob. AN Gruz. SSR 27 no. 5:619-624 N '61.

GEORGIA—INDUSTRIES

Large-scale socialist reproduction of the labor force in the Georgian S. S. R., reconstruction period. A. L. Gunia. Trudy Inst. ekon. AN Gruz. SSR 12:203-238 '61.

GEORGIA—JOURNALISM

In order to go forward... I. Chkhikvishvili. Sov. pech. no 1:16 Ja '62.

GEORGIA—LABOR SUPPLY

Large-scale socialist reproduction of the labor force in the Georgian S. S. R.; reconstruction period. A. L. Gunia. Trudy Inst. ekon. AN Gruz. SSR 12:203-238 '61.

GEORGIA—LANDFORMS

Natural landforms of the Georgian S. S. R. A. N. Dzhavakhishvili. Soob. AN Gruz. SSR 27 no. 5:653-659 N '61.

GEORGIA—LAW

From the history of the state and law in Georgia. I. IU. Surguladze. Trudy Inst. ekon. AN Gruz. SSR 12:277-284 '61.

GEORGIA—METALLURGICAL PLANTS

Factory workers strive for the honorable title of enterprise of communist labor G.Mgaloblishvili Blok. agit [Gruz.] 18 no 14 8-11 Jl '61

GEORGIA—MUNICIPAL SERVICES

The Georgian S.S.R. Zhil.-kom. Khoz. 11 no.10-11 O '61

GEORGIA—PRECAST CONCRETE CONSTRUCTION

Use of precast reinforced concrete in construction projects under the Georgian Administration of Water Power Developments K P Dadiani. Energ stroi no 20: 41-43 '61.

GEORGIA—PRINTING

Recent research on the history of Georgian printing. K.S.Kekelidze Soob.AN Gruz.SSR 27 no 4 507-510 O '61.

GEORGIA—REVOLUTION, 1917-1921

Aid given by Georgian Menshevika to the Russian counterrevolution from 1919 to the beginning of 1920 V. I. Adamiia. Nauch. dokl. vys. shkoly; ist. nauki no 2: 31-41 '61.

GEORGIA—STEEL INDUSTRY

Ensuring the Stalin Metallurgical Plant in Transcaucasia of a supply of coking coal. V V Mishina. Trudy Inst ekon. AN Gruz. SSR 12:261-276 '61

GEORGIA—TEA

Developing the tea industry in the Georgian S. S. R. B. A. Khasia. Trudy Inst ekon. AN Gruz SSR 12:239-259 '61.

GEORGIA—VIEWS

[Soviet Georgia] Sovetskaia Gruziia. Tbilisi, Gos. Izd-vo "Sabchota Sakartvelo," 1961. 1 v.

GEORGIA—WORMS, INTESTINAL AND PARASITIC

Study of the helminth fauna of domestic swine in Georgia. L. I. Kolava. Soob. AN Gruz. SSR 27 no. 5:601-606 N '61

GEORGIAN ART see Art, Georgian

GERANIUMS

Antibacterial properties of preparations from the meadow geranium. N.R.Pshenichnova. Trudy Perm.farm. inst. no 1 81-85 '59.

Study of the anatomical and morphological structure of the underground system of the meadow geranium and the production of new pharmaceutical preparations from it. A P.Lebedeva, Z.M.Mitlagina, IU.P.Starikova. Trudy Perm.farm.inst. no.1 74-80 '59.

GERBILS see subdivision under Turkmenistan

GERIATRICS—CONGRESSES

At the Fifth International Congress of Gerontologists. P.D. Marchuk. Vest. AMN SSSR 16 no. 6:68-71 '61.

GERMAN, IURII PAVLOVICH, 1910-

Plot and reality, plot and an idea. E Dobin. Vop. lit. 5 no. 7 188-201 Jl '61.

GERMAN DEMOCRATIC REPUBLIC see Germany, East

GERMAN FEDERAL REPUBLIC see Germany, West

GERMAN LANGUAGE—GENDER

Means of recognizing genders of German nouns. I.E. Avdeev. Sbor. rab. kaf. angl. i nem. iaz. no. 1:21-32 '59.

GERMAN LANGUAGE—MOOD

Ways of expressing interrelated moods in the modern German language. T. I. Lazareva. Sbor. rab. kaf. angl. i nem. iaz. no. 1 33-62 '59.

GERMAN LANGUAGE—STUDY AND TEACHING

Work of a German language teacher in a boarding school. R. L. Zlatogorskaia. Inostr. iaz. v shkole no. 1:118-124 Ja-F '62.

GERMAN LANGUAGE—WORD ORDER

Word order of questions in the German language. T. I. Lazareva. Sbor. rab. kaf. angl. i nem. iaz. no. 1:63-69 '59.

GERMAN PERIODICALS

"Archivmitteilungen," a German periodical G. N. Snegirev. Ist. arkh. 7 no. 3 269-272 My-Je '61.

GERMAN REUNIFICATION QUESTION (1949-)

"No! to war!" Sov. muz. 25 no. 12:3-5 D '61.

GERMANIC LANGUAGES—GRAMMAR, COMPARATIVE

Nauchnaia sessiia po voprosam germanskogo iazykoznaniia. 2d, Moscow, 1959. [Problems of Germanic linguistics; materials] Voprosy germanskogo iazykoznaniia; materialy. Moskva, Izd-vo Akad. nauk SSSR, 1961. 307 p.

GERMANIUM—ISOTOPES

Distribution of germanium during coal carbonization. P. I. Shashmurin, E. P. Bolitar, V. N. Novikov. Zhur. prikl. khim. 35 no. 1:26-29 Ja '62.

GERMANIUM—METALLURGY

Experimental study of germanium sulfide oxidation by the heating and weighing method M D Galimov, A I Okunev Izv. vys. ucheb. zav., tsvet. met. 4 no 3 94-104 '61

GERMANIUM COMPOUNDS

Investigating complex compounds of phenols with germanium by means of paper electrophoresis and X-ray diffraction studies. T. V. Drozdova, R. P. Kravtsova, K. I. Tobelko Izv. AN SSSR, Otd. khim. nauk no. 1:38-44 Ja '62.

Phase analysis of some germanium compounds. E. I. Sokolova, A. N. Gurevich Zav. lab. 27 no. 12:1472-1473 '61

GERMANIUM ORGANIC COMPOUNDS

Synthesis of aromatic compounds of germanium by the interaction of diarylmercury with germanium diiodide L. I. Emelianova and others. Izv. AN SSSR, Otd. khim. nauk no 1 53-59 Ja '62.

GERMANY—ELECTRIC INDUSTRIES

"Siemens, armament, war, and profit." Reviewed by M Lazarev. Nov. vrem. 20 no. 7:30-31 F '62

GERMANY—FOREIGN ECONOMIC RELATIONS—TURKEY

Ozudzhev, M. G. [History of the penetration of German imperialism into Turkey, from the late 19th century to 1916] Iz istorii proniknoveniia Germanskogo imperializma v Turtsiiu, s kontsa XIX veka po 1914 god. Baku, Azerneftizdatskoe Gos. izd-vo, 1961. 99 p.

GERMANY—HISTORY

Bankruptcy of the strategy of German militarism (from depositions of Field Marshal-General Keitel) Voen.-ist. zhur. 3 no. 9:77-87 S '61.

Epshtein, A.D. [German history from the late Middle Ages to the Revolution of 1848] Istoriia Germanii ot pozdnego srednevekov'ia do revoliutsii 1848 goda. Moskva, Izd-vo IMO, 1961. 618 p.

GERMANY—HISTORY—STUDY AND TEACHING

"Outline of the modern history of Germany" by G. L. Rozanov. Reviewed by L. N. Bogolubov. Prep. ist. v shkole 17 no 1:103-105 Ja-F '62.

GERMANY—PEACE TREATIES

An appeal of the International Conference on the Legal Problems of the German Peace Treaty to the governments of four great states. Sots. zakon. 30 no 1:63 Ja '62.

An international conference on the legal problems of the peace treaty with Germany. Sots. zakon. 30 no 1:62-63 Ja '62.

GERMANY—WORLD WAR, 1939-1945

"German imperialism and the Second World War." Translated from the German Reviewed by G Zastavenko. Kommunist 38 no. 3:126-127 F '62.

GERMANY, EAST—ACCOUNTING

Principles of accounting organization in enterprises of the German Democratic Republic. Gofl. Vop. stat. i ucheta no. 4:18-27 '61.

GERMANY, EAST—AERONAUTICS, COMMERCIAL

Close cooperation. Werner Ziese. Grazhd. av. 18 no. 12:30 D '61.

GERMANY, EAST—ARCHIVES

"Archivmitteilungen," a German periodical. G. N. Snegirev. Ist. arkh. 7 no. 3:269-272 My-Je '61.

GERMANY, EAST—CHEMICAL INDUSTRIES

The development of the chemical industry is our immediate task. Bernard Koenen. Part. zhizn' no. 3: 59-64 F '62.

GERMANY, WEST—COLLECTIVE FARMS

Current problems concerning the legal status of cooperative farms in the German Democratic Republic. Rainer Arlt. Sov. gos. i pravo 32 no. 2:102-109 F '62.

GERMANY, EAST—COMMERCE

Methods for determining the economic efficiency of foreign trade in the German Democratic Republic. V. Shastitko Vnesh. torg. 42 no. 1.17-22 '62

GERMANY, EAST—CRIMINAL LAW

"Basic principles of the criminal law of the German Democratic Republic" by N. Alekseev. Reviewed by A. Piontkovskii. Sots. zakon. 30 no. 12:82-83 D '61.

GERMANY, EAST—DESCRIPTION AND TRAVEL

Bilohuyov, N. K. [In the new Germany; newspaperman's notebook] U novii Nimechchyni, notatki zhurnalista. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1960. 37 p.

GERMANY, EAST—INSTRUMENTS

Exhibition of testing and measuring, and regulating instruments manufactured in East Germany. M. Kh. Shliomovich, M. Sh. Kapnik. Izm. tekh. no. 12,56-57 D '61.

GERMANY, EAST—INTERNATIONAL STATUS

"The German Democratic Republic as a subject of international law" [in German] by Joachim Peck. Reviewed by G. V. Sharmazanashvili. Sov. gos. i pravo 32 no. 2: 134-136 F '62.

GERMANY, EAST—LANGUAGES—STUDY AND TEACHING

Teaching foreign languages in the German Democratic Republic. Ursula Schoop. Inostr. iaz. v shkole no. 1: 31-37 Ja-F '62.

GERMANY, EAST—LOOMS

Energy characteristics of the "BINJ" tapestry loom. A. V. Volkov, A. V. Gorshkov. Izv. vys. uchev. zav., tekh. tekst. prom. no. 6:122-126 '61.

GERMANY, EAST—PROVERBS

Be master of your head. V. Mikhailov. Sem'ia i shkola 16 no. 12:34-35 D '61.

GERMANY, EAST—RELATIONS (GENERAL) WITH RUSSIA

Through the pages of the foreign press. M. S. Isk. kino no. 7 147-150 Jl '61.

GERMANY, WEST—ARMY

Training of personnel for the technical troops of the Bundeswehr (as revealed by foreign press data). L. Azarkh, M. Grosman. Tyl i snab. Sov. Voor. Sil 21 no. 11 93-94 N '61.

GERMANY, WEST—BOILERS

Dmitriev, A. A., and K. F. Roddatis. [Boiler systems in the German Federal Republic] Kotel'nye ustanovki Federativnoi Respubliki Germanii. Pod red. K. F. Roddatisa. Moskva, Gos. energ. izd-vo, 1961. 351 p.

GERMANY, WEST—BOILERS, MARINE

Hydraulic regulating apparatus for marine boilers [from Schiff und Hafen," H. 11, 1960]. L. M. Vidutskii. Sudostroenie 27 no. 11 69-71 N '61.

GERMANY, WEST—ECONOMIC CONDITIONS

"The economic miracle in the shadow of atomic rockets" by F. Koecherhauer, K. H. Schwank [in German]. Reviewed by S. Zlynko. Ekon. Sov. Ukr. no. 4 124-126 Jl-Ag '60.

GERMANY, WEST—ELECTRIC POWER PLANTS

Concerning certain trends in the development of industrial and municipal thermal electric power plants in the German Federal Republic. V. F. Afanas'ev. Prom. energ. 15 no. 7 51-53 Jl '60.

GERMANY, WEST—FOREIGN RELATIONS

Voslenskii, M. S. [Foreign policy and parties of the German Federal Republic] Vneshniaia politika i partii FRG. Pod red. D. E. Mel'nikova. Moskva, Izd-vo In-ta mezhdunarodnykh otnoshenii, 1961. 342 p.

GERMANY, WEST—MOTION-PICTURE PLAYS

Wrathful truth and consoling tale. Lev Kopelev. Isk. kino no. 7 147-149 Jl '61.

GERMANY, WEST—SHIPYARDS

The Schlieker shipyard [from foreign journals]. V. S. Fedorov, A. M. Chekalik. Sudostroenie 27 no. 11, 65-67 N '61.

GERMANY, WEST—SOCIALIST PARTIES

About the program of the Social Democratic Party of Germany. N. Kirutov. Otv. na vop. trud. no. 2 43-47 '61.

GERMANY, WEST—TARIFF—LAW

Unprecedented law. V. Smirnov. *Nov. vrem.* 20 *no.* 9 22-23 F '62.

GERMANY, WEST—TRUSTS, INDUSTRIAL

Development of West German monopolies after the Second World War. E. F. Olekhno. Uch. zap. kaf. obshchestv. nauk vuz, g. Len., Polit. ekon. no. 3:239-262 '61.

GERMICIDES see Disinfection and disinfectants, Fungicides

GERMS see Bacteriology

GERMINATION

Effect of the place of cultivation on the carbohydrate content of gramineous plant seeds in germination. L. A. *Rudenko, S. B. Levina.* Sbor. bot. rab. Bel. otd. VBO no. 2 97-102 '60.

Germination of the seeds of cranberry and wayfaring trees. E. P. *Zaborovskii, N. N. Varasova.* Bot. zhur. 46 no. 8:1169-1171 Ag '61.

GHANA—EDUCATION

Those who can read and write teach others. Herbert Geerhardt. Zhen. mira no. 5:23-25 '61.

GHANA—STATISTICS

Organization of statistics in the Republic of Ghana. E. N. *Omahoe.* Vest. stat. no. 1 48-51 '62.

GIARDIASIS

Reactions of the cardiovascular system in children to prolonged helminth invasion and *intestinal lambliasis* [with summary in English]. R. Kaliuzhnaia. Pediatriia 40 no. 12:15-22 D '61.

GIBBERELLIC ACID

Effect of gibberellic acid on the interruption of dormancy in arborescous plants. L. S. Zinov'ev, I. N. Konovalov, I. I. Chernyaeva. Bot. zhur. 46 no. 12 1781-1786 D '61.

GIBBERELLIN

Miraculous accelerators. I. Vol'per. Ilin. nat. no. 12:4-6 D '61.

GIBBERELLIN—PHYSIOLOGICAL EFFECT

Effect of gibberellic on the germination of pollen in woody plants [with summary in English]. I. A. Kaurov, V. S. Vakula. Bot. zhur. 46 no. 8:1125-1133 Ag '61.

GIFTED CHILDREN

Let's search for talents. M. Lavrent'ev. Nar. obr. no. 1 10 Ja '62.

GINSENG

"Ginseng; problems of biology" by I. V. Grushvitskii. Reviewed by I. I. Brekhman, I. F. Belikov, D. P. Vorob'ev. Izv. Sib. otd. AN SSSR no. 11:148-149 '61.

GINZBURG, LEV MORITSEVICH, 1901-

Conductor and teacher. Konstantin Ivanov. Sov. muz. 26 no. 1 94-95 Ja '62.

GIRDERS see Beams and girders

GISSAR RANGE—CLAY

Mineralogic and petrographic characteristics of clays in the Kharangon Canyon. S. M. Usupova. Trudy Tadzh. gos. un. 28 no. 1 7-29 '60.

GISSAR RANGE—GEOLOGY, STRATIGRAPHIC

Distribution of chemical elements in the lower Jurassic sediments of the Gissar Range. V. D. Bosov. *Izv. Otd. geol.-khim. i tekh. nauk AN Tadzh. SSR* 1:97-102 '60.

GISSAR RANGE—GRANITE

Formation of red granites in connection with the post-magnetic processes in the pluton of the Gissar Range. A. Kh. Khasanov. *Trudy Tadzh. gos. un.* 28 *no.* 1 89-99 '60.

GISSAR RANGE—STROMATOLITES

Paleogene stromatolites of the Gissar Range. V. P. Maslov. Dokl. AN SSSR 142 no. 3 690-691 Ja '62.

GISSAR RANGE—ZINKENITE

Zinkenite from the Ziddi arsenic deposit (Gissar Range). V. D. Sazonov. Izv. Otd. geol.-khim. i tekh. nauk AN Tadzh. SSR 1:91-96 '60.

GIZENGA, ANTOINE

Freedom for Antoine Gizenga! Nov. vrem. 20 no. 7:9 F '62.

Snatch Antoine Gizenga from the hands of the butchers! Nov. vrem. 20 no. 5:6-8 F '62.

GIZHDUVAN DISTRICT—NEWSPAPER AND PERIODICAL CIRCULATION

Every family in the district receives newspapers and periodicals. N. Poltavets. Raspr. pech. no. 6:7-9 Je '61.

Let us extend the promotion of printed matter. K. Shamuradov. Raspr. pech. no. 6:8-9 Je '61.

GLACIAL EPOCH see subdivision under Peter the First Range

GLACIERS see subdivision under Franz Josef Land

GLANDS, DUCTLESS see Endocrine glands

GLANDS, SALIVARY see Salivary glands

GLANDULAR FEVER see Mononucleosis

GLASS

Glass. M. M. Kachalov. Nauka i zhyttia 11 no. 10:26-28 O '61.

International symposium on ignimbrites and hyaloclastic rocks. V. I. Vlodavets. Izv. AN SSSR, Ser. geol. 27 no. 2:126-128 F '62.

Investigating heat-resistant cement compositions based on liquid glass having high electrical insulating properties. Zhur. prikl. khim. 34 no. 12:2613-2622 D '61.

Magnetochemical *study of glasses of the system* $Na_2O - P_2O_5 - V_2O_5$. K. P. Azarov, V. V. Balandina, V. A. Liutsedarskii. Zhur. prikl. khim. 34 no. 11, 2560-2562 N '61.

Perlite and other acid natural *volcanic glasses as rocks* and industrial raw materials. V. P. Petrov, V. V. Nasedkin. Trudy IGEM no. 48:5-16 '61.

Possibility of controlling the structure of porous glass. D. P. Dobychin. Zhur. prikl. khim. 35 no. 1:51-55 Ja '62.

GLASS—ELECTRIC PROPERTIES

Electric conductivity of the *selenium - arsenic system* in a glassy state. L. A. Baidakov, Z. U. Borisova, R. L. Muller. Zhur. prikl. khim. 34 no. 11:2446-2454 N '61.

Electroconductivity of glasses of the system $Na_2SiO_3 - SiO_2$ in the fused state. K. A. Kostanian, K. S. *Saakian.* Izv. AN Arm. SSR, Khim. nauki 14 no. 5 409-416 '61.

GLASS FURNACES

Gosudarstvennyi nauchno-issledovatel'skii institut stekla. [Manual on the construction and repair of tank and pot glass furnaces] Rukovodstvo po stroitel'stvu i remontam steklovarennykh vannykh i gorshkovykh pechei. Pod red. A. A. Golubeva. Moskva, Izd. PKB GIStekla, 1960. 77 p. [MICROFILM]

Transition of the refractory material of the glass furnace into a vitreous mass during electric melting of glass. M. G. Manvelian, K. A. Kostanian, P. A. Pirakian. Izv. AN Arm. SSR Ser. tekh. nauk 14 no. 5 55-60 '61.

GLASS MANUFACTURE

Veklich, P. M., F. P. Oshchipkov, and V. K. Trofilov. [Manufacture of glass for electric vacuum devices] Tekhnologiia elektrovakuumnogo stekla. Pod obshchei red. R. A. Nilendera. Moskva, Gos. energ. izd-vo, 1961. 261 p.

GLASS MANUFACTURE—CHEMISTRY

Coefficient of the thermal expansion of gallosilicate and aluminosilicate glasses in dependence on their composition. S. K. Dubrovo. Zhur. prikl. khim. 34 no. 1:47-51 Ja '62.

GLASS PIPE see Pipe, Glass

GLASS REINFORCED PLASTICS

Chairs made of glass-reinforced plastics. P. S. Levyandovskii, B. K. Kordonskaia. Der. prom. 11 no. 2 20 F '62.

Determination of the deformability of glass textolite in stretch testing under conditions of unilateral heating. B. I. Panshin, G. E. Vishnevskii. Plast. massy no. 10: 55-58 '61.

Manufacturing articles of glass plastics by the vacuum-impregnation method. V. M. Tendler. Plast. massy no. 10, 29-32 '61.

GLASSWARE

(see also subdivision under Novgorod)

Old Russian glassware as sources for the history of Russian-Byzantine relations in the 11th and 12th centuries. Iu. L. Shchapova. Viz. vrem. 19:60-75 '61.

GLAUROV, NIKOLAI

Guests from Bulgaria. G. Ilin, Georgii Poliakovskii. Sov. muz. 26 no. 8:91-92 Ag '61.

GLAZES

Reaction of strontium and lead glazes with a faience crock. N. G. *Shtetaberg, K. K. Kvatropets.* Zhur. prikl. khim. 34 no. 11 2419-2419 N '61.

GLAZUNOV, ALEKSANDR ALEKSANDROVICH, 1891-1960

Aleksandr Aleksandrovich Glazunov, obituary. Prom. energ. 15 no. 8 53 Ag '60.

GLAZUNOV, ALEKSANDR KONSTANTINOVICH, 1865-1936

Ganina, M. A. [Aleksandr Konstantinovich Glazunov; his life and works] Aleksandr Konstantinovich Glazunov, zhizn' i tvorchestvo. Leningrad, Gos. muzykal'noe izd-vo, 1961. 389 p.

GLEZOS CASE

Let 1962 bring freedom to Glezos! Ogonek 40 no. 6:30 F '62.

GLIDERS (AERONAUTICS)

Gliding equipment abroad. Kryl. rod. 13 no. 2-10 F '62.

GLIDING AND SOARING see subdivision under Perm Province; Rovno

GLOBEFLOWER see subdivision under Sayan Mountains

GLOVES

Manufacture of gloves from poly (vinyl chloride) pastes. Z. A. Pal'tsevich, M. I. Przhebyl'skii, A. D. Chugai. Plast. massy no. 10:36-38 '61.

GLUBOKOYE, LAKE—FRESH-WATER FAUNA

Productivity of the animal population of plant growths in the shore area of Lake Glubokoye. A. P. Shcherbakov. Trudy Gidrobiol. ob-va 11 205-208 '61.

GLUBOKOYE, LAKE—IRON BACTERIA

Seasonal variations in the specific composition and abundance of iron bacteria and the iron cycle in Lake Glubokoye. G. A. Sokolova. Trudy Gidrobiol. ob-va 11: 5-11 '61.

GLUBOKOYE DISTRICT—AGRICULTURE

Puhauka, L. K. [We shall carry out the seven-year plan ahead of schedule] Siamihodku vykanaem dalerminova. Minsk, Dziarzh. vyd-va BSSR, Red. sel'skahaspadarchai lit-ry, 1961. 77 p.

GLUCOPYRANOSIDE

Production and partial xanthation of tetrahydropyranyl-β-D-glucopyranoside. P. Garegg. Zhur. prikl. khim. 34 no. 12:2771-2774 D '61.

GLUCOSAMIN

Glucosamin content in the blood serum and its reaction with diphenylamine as indices of the activity of the rheumatic process [with summary in English]. E. F. Kanaeva. Sov. med. 25 no. 7:42-47 Jl '61.

GLUCOSE

Effect of P^{32} application of the content of glucose and water in the blood and skin of rabbits. S.I.Matuskov. Med.rad. no.7 88-89 '61.

GLUING

Khrulev, V.M. [Strength and durability of glued joints in structural elements] Prochnost' i dolgovechnost' kleevykh soedinenii v stroitel'nykh konstruktsiiakh i detaliakh Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961 118 p. (Nauchnye soobshcheniia)

GLUTAMIC-OXALACETIC TRANSAMINASE

Significance of determining glutamic-oxalacetic transaminase in the diagnosis and differential diagnosis of acute myocardial infarction [with summary in English]. IA.IU.Bagirov Sov.med. 25 no.10:3-11 O '61

GLUTARIMIDE

Treatment of severe barbiturate poisoning using a preparation of glutarimide (megimide). Tihamer Nemes, Gyorgy Boros Sov.med. 25 no.10:130-140 O '61.

GLYCINE

Radiochemical method for determining glycine-C^{14} and Ca^{45} Cl_2 in a mixture of calcified tissues [with summary in English]. A.A.Prokhonchukov, Liu Din-sin' (Liu Ting-hsin). Med.rad. no.7:70-72 '61

GLYCOGEN

Change in the glycogen content in the liver and in the muscles of chick embryos under the influence of insulin introduced into the blood. L.G.Leibson and others Fiziol.zhur. 47 no.7:900-905 Jl '61

Characteristics of the metabolism of glycogen fractions of the brain in fractional X irradiation of animals T.M.Mironova, F.D.Koldobskaia. Dokl.AN BSSR 5 no.12:575-578 D '61.

Glycogen content of leucocytes in schizophrenia and its therapy. Z.A.Zurabashvili Soob.AN Gruz.SSR 27 no.5,529-534 N '61.

GLYCOLIC ACID

Glycolic acid in raw tobacco. P.G.Asmaev, I.G.Makhnachev Izv.vys.ucheb.zav., pishch.tekh. no.5 40-43 '61

GLYCOLS

Synthesis and transformations of ditertiary γ-glycols of the cyclooctatriene series V.D.Azatian, R.S.Giuli-Kevkhian Izv.AN Arm.SSR, Khim.nauki 14 no.5 451-467 '61.

GLYCOLYSIS

Effect of gamma rays of radioactive cobalt on the amount of intermediate products of glycolysis in the central nervous system V.I.Malashko Dokl.AN BSSR 5 no.11,517-519 N '61.

GLYCOPROTEINS

Determination of glycoproteins and sialic acid in the blood serum in coronary sclerosis and myocardial infarct V.E.Anisimov, S.F.Akhmerov. Klin.med. no.1:62-66 '62

Electrophoretic study of protein and lipo- and glyco-protein fractions in the blood serum in epidemic hepatitis. N.A.Zaslavskaia. Terap.arkh. no.6:41-46 '61.

GLYCOSIDES

Isolanide treatment of chronic circulatory insufficiency T.R.Petrova, V.L.Smelova. Vrach.delo no.6:147-148 Je '61.

GLYCOSIDES, CARDIAC see Cardiac glycosides

GOA—HISTORY

"Goa's freedom struggle" [in English] by T.B.Cunha. Reviewed by V.Zimin. Mezhdunar.zhizn' 9 no.2:137-140 F '62.

One more blow to colonialism. I.Kravchenko. Az.i Afr.segodnia no.1:52 Ja '62.

GOAT'S MILK

Effect of prolactin on the basic components of goat's milk A.G.Taranenko. Fiziol.zhur. 47 no.12:1490-1495 D '61.

GOATSUCKERS see subdivision under Orekhovo-Zuyevo region

GOBI—HORSE BREEDING

Horse herdsman Tumen-Ul'zii. G.Banzragch. Sovr.Mong. 6 no.9:12-14 S '61.

GOETHITE

X-ray study of the dehydration products of goethite and lepidocrocite. E.P.Sal'dau. Zap.LGI 38 no.2:140-149 '61.

GOFF, INNA ANATOL'EVNA

"Northern dream"; a tale by I.Goff. Reviewed by G.Pavlov. Neva no.7:188-190 '61.

GOGOL', NIKOLAI VASIL'EVICH, 1809-1852

Letters written by N.V.Gogol' to A.A.Ivanov, A.N.Stepanov. Lit.arkh. no.6:9-16 '61.

New facts from the life of Gogol'. IU.Mann. Vop.lit. 5 no.8:193-195 Ag '61.

GOITER

(see also subdivision under Fergana; Tomsk Province)

Basal metabolism change under the influence of a neuroplegic mixture in toxic goiter. N.V.Smirnov. Vest.khir. no.6:23-27 '61

Clinical aspects and surgical treatment of endemic goiters [with summary in English] N.I.Kremlev. Vest.khir. no.6:19-23 '61.

Clinical aspects and surgical treatment of nodular sporadic goiter [with summary in English]. I.A.Shamilev Vest.khir. no.1:34-40 '62.

Follow-up and successive treatment of goiter in the polyclinic and hospital [with summary in English] E.S. Koposov, M.A.Trunin, A.F.Leshchinskaia. Vest.khir. no.1:45-52 '62

Retrosternal goiters. V.V.Ornatskii. Vest.khir. no.6:3-7 '61.

Staircase approach to the thyroid gland in strumectomy. D.I.Darenskii. Vest.khir. no.1:131-139 '62.

Use of neuroplegia in the preoperative preparation of patients with goiter [with summary in English]. A.A. Men'shov. Vest.khir. no.1:105-109 '62.

GOLD

Determining the sign of the local magnetic field on nuclei of gold dissolved in iron and nickel [with summary in English] B.N.Samoilov, V.V.Skliarevskii, V.D. Gorobchenko. Zhur.eksp.i teor.fiz. 41 no.6: 1783-1786 D '61.

Use of polyelectrolytes for the recovery of gold from waste waters. I.Kutil, F.Uhrachka, I.Shimek Zhur. prikl.khim. 34 no.11 2430-2435 N '61.

GOLD—ISOTOPES

Distribution of Au^{198} in the pelvic lymph nodes and the morphological changes in them during treatment of cancer of the cervix uteri [with summary in English]. O.M. Nasalevich Med.rad. no.1:36-40 '62.

Method for histoautoradiography of dental pulp by using radioactive colloid gold (Au^{198}). N.A.Mukhin Stomatologiia 39 no.6:20-22 N-D '60

Protective apparatus for dosimetric intracavitary and intratissue administration of radioactive colloidal gold [with summary in English]. A.IA.Berlovskii. Med.rad. no.7:68-70 '61.

GOLD MINES AND MINING see subdivision under Bodaybo District

GOLD ORES see subdivision under Blagodatnoye, Bashkiria, Kolyma Valley

Extraction of gold from cyanide solutions obtained in ore treatment with α-trioctylamine. O.E.Zvyaginstsev, O.I. Zakharov-Nartsissov, A.V.Ochkin Zhur.prikl.khim. 34 no.12:2601-2605 D '61.

Free settling velocity of gold grains T.G.Fomenko. Izv.vys.ucheb.zav., tsvet.met. 4 no.3 22-27 '61.

GOLIAKOV, IVAN TERENT'EVICH, 1868-1961

In memory of I.T.Goliakov. Izv.vys.ucheb.zav.:prav. 5 no.2:193 '61.

GOLITSYN, BORIS BORISOVICH, 1862-1916

B.B.Golitsyn's share in the elaboration of new discoveries in physics at the threshold of 20th century. P.I.Zlukov. Trudy inst.ist.est.i tekh. 43 140-150 '61

GOLODNAYA STEPPE—AGRICULTURE

Rejuvenated land. Iv.Bulanov. Nar.khoz.Uzb. 4 no.1: 80-82 Ja '62.

GOLODNAYA STEPPE—AQUEDUCTS

Canal above the earth brings life to deserts. B.Suponev. Tekh.mol. 29 no.12:18-19 '61.

GOLODNAYA STEPPE—COTTON GROWING

End of the "cotton island." V.Kulikov. Gidr.i mel. 14 no.1 21-23 Ja '62.

GOLODNAYA STEPPE—RECLAMATION OF LAND

Virgin land in the service of man. F.Ozerskii. Gidr.i mel. 14 no.1 24-26 Ja '62.

GOLODNAYA STEPPE (NORTHERN) see Bet-Pak-Dala

GOLOVESNYA VALLEY—WATER, UNDERGROUND

Soil moisture and ground-water conditions in the basin of the Golovesnya River. L.S.Shpak. Trudy Ukr.NIGMI no.30:53-66 '61.

GOMEL'—DESCRIPTION

A year later. M.Minkovich. Belarus' 10 no.1:12 Ja '62.

GOMEL'—SHOE INDUSTRY

Youth takes up the baton. G.Shur. Sov.torg. 35 no.2: 32-34 F '62.

GOMEL' GOVERNMENT—RECONSTRUCTION

Kudriavitskii, I.D., I.M.Ignatenko, and V.V.Prokhorov. [The struggle of workers in Gomel' Government for the reconstruction of the national economy in 1921-1925] Trudiashchiesia Gomel'skoi gubernii v bor'bo za vosstanovlenie narodnogo khoziaistva, 1921-1925 gg. Pod red. I.Ignatenko. Minsk, Izd-vo Belgosuniversiteta im.V.I.Lenina, 1961, 67 p.

GONADOTROPIN

Dynamics of the excretion of gonadotropic hormones in women of various age groups. G.S.Stepanov. Fiziol. zhur. 47 no.12:1496-1501 D '61.

GONADOTROPIN—PHYSIOLOGICAL EFFECT

Effect of gonadotropic activity of the hypophysis in rats on the development of intraspleenic transplants of the ovary [with summary in English]. IU.N.Bardinshikov Vop.onk. 7 no.8:62-65 '61.

GONCHAROV, IVAN ALEKSANDROVICH, 1812-1891

Correspondence between I.A.Goncharov and P.G.Ganz, M.P.Hansen-Kozhevnikova. Lit.arkh. no.6:97-105 '61.

GORKI (MOGILEV PROVINCE)—AGRICULTURAL COLLEGES

Tsitovich, S.G. [Gory-Goretskii Agricultural Institute the first higher agricultural school in Russia, 1836-1864] Goriygoretskii zemledel'cheskii institut - pervaia v Rossii vysshaia sel'skokhoziaistvennaia shkola, 1836-1864. Gorki, Izd-vo Belorusskoi sel'khoz.akad., 1960. 271 p. (DA)

GOR'KII, MAKSIM, 1868-1936

Gor'kii, Maksim. [M.Gor'kii on literature] M.Gor'kii literature. Moskva, Gos.izd-vo khudozh.lit-ry, 1961 611 p.

He loved man [Urii Pukhov Ogonek 10 no.4:17 Ja '62.

Lenin's "Iskra" and M.Gor'kii. G.Deich. Neva no.6: 217-218 '61.

"Less words and more figurativeness" I.Iofe. Vop.lit. 5 no.8,160-180 Ag '61.

M.Gor'kii's sketch "Lev Tolstoi." S.Kaslorskii Neva no.6:179-185 '61.

Slavina, I.I. [M.Gor'kii's play "The Lower depths."] P'esa M.Gor'kogo "Na dne." Leningrad, Ob-vo po raspr. polit.i nauchnykh znanii RSFSR, 1961 45 p. (Seriia "V pomoshch' uchashchimsia starshikh klassov")

Sociopolitical vocabulary used by A.M.Gor'kii in his early plays. I.I.IArmak. Nauk.zap.Stan.derzh.ped. inst. vol.4:3-20 '60.

Teacher of life. P.Strokov. Kult.i zhizn' 5 no.6: 22-24 '61

Unknown speech made by A.M.Gor'kii. A.Pyl'nev. Neva no.6:193-194 '61.

GOR'KII, MAKSIM, 1868-1936—BIBLIOGRAPHY see Bibliography—Gor'kii, Maksim, 1868-1936

GORKIY PROVINCE—EFFICIENCY, INDUSTRIAL

Workers of Gorkiy Province set an example V.Sokolo Komsom.zhizn' no.14 11-13 Jl '61

GORKIY PROVINCE—MACHINERY INDUSTRY—FINANCE

Role of credit in the organization of working capital. G.Gerasimenko, T.Komova. Den'gi i kred. 20 no.1:14 20 Ja '62.

GORKIY PROVINCE—WAGES—CHEMICAL INDUSTRIES

Branch conferences of chemical industry workers of the Gorkiy and Perm Economic Councils A.Chudin, D.Semenov. Biul.nauch.inform.standartizatsii no.12:50-55 '61.

GOR'KOYE, LAKE (KURGAN PROVINCE)—HYDROBIOLOGY

Effect of water level variations during the current century on aquatic organisms in the bodies of water of West Siberian health resorts. Lake Gor'koye in Shchuch'ye District, Kurgan Province. N.K.Dekshakh Trudy Gidrobiol.ob-va 11,162-170 '61.

GORLOVKA—COKE INDUSTRY

A step forward is a step up. Koks i khim. no.10:59 O '61.

GORLOVKA—CONSERVATORIES OF MUSIC

Voyage into the land of music. A.Morov, N.Kozlovskii Ogonek 40 no.5:14 Ja '62.

GORNO-ALTAI AUTONOMOUS PROVINCE—CEDAR

There where the Uymen' flows. IU.Korolev. Neva no. 155-160 '61.

GORYACHIY KLYUCH—MINERAL WATERS

Treating chronic gastritis with mineral water from a saline-iodine-bromide spring at Goryachiy Klyuch Health Resort. O.V.Krutovskaia. Vop.kur., fizioter. i lech.fiz.kult. 24 no.6:525-530 N-D '59.

GOVERNMENT OWNERSHIP

(see also subdivision under Turkestan)

Nationalization as a basis for the establishment and legal regulation of socialist property. IA.F.Mikolenko Izv.vys.ucheb.zav.:prav. 5 no.2:128-132 '62.

GOYA Y LUCIENTES, FRANCISCO JOSE DE, 1746-1828

Artist's weapon. IA.Polinskii. Sem'ia i shkola 10 no.12:32 D '61.

GRACH, EDUARD

Eduard Grach. Mikhail Fikhtengol'ts. Sov.muz. 26 no.1-102 Ja '62

GRADERS (EARTH-MOVING MACHINERY)—MODELS

TSentral'naia stantsiia iunykh tekhnikov, Moscow. [Self-propelled model of a motor grader] Samokhodnaia *model' avtogrejdera*. [Moskva] Izd-vo "Detskii mir," 1962. 1 fold. l. (Prilozhenie k zhurnalu "Iunyi tekhnik," no. 2(116))

GRADING AND MARKING (STUDENTS)

Let's continue our talk on test papers, review of articles. Vest. vys. shkoly 20 no. 1 54-57 Ja '62.

GRAIN
(see also subdivision under Buryat-Mongolia, White Russia)

Behavior of grain on a stationary surface in the presence of a superimposed electrical field. A. M. Basov, V. N. Shmigel'. Trudy CHIMESKH no. 12 100-116 '61.

Dielectric permeability of grain and its effect on the separation process. A. M. Basov, F. IA. Izakov. Trudy CHIMESKH no. 12 71-78 '61.

Effect of planting and ripening time on the germinating capacity of spring grain crops [with summaries in English, German, and French]. O. I. Maistrenko. Vest. sel'khoz. nauki 6 no. 11 17-26 N '61.

Kazakov, E. D. *[Harmful impurities in grain, poisonous and those requiring quarantine]* Vrednye primesi v zerne, iadovitye i karantinnye. Moskva, Zagotizdat, *1961*. *181* p.
(DA)

Study of the electrical conductivity of grain for electrical separation processes. A. M. Basov, G. A. IAsnov. Trudy CHIMESKH *no. 12 92-99 '61*.

Vorob'ev, N. IA., and V. A. Zhuravskii. *[Creator of golden ears; a sketch]* Tvorets zolotykh kolos'ev, ocherk. Moskva, Izd-vo sel'khoz. lit-ry i *plakatov*, 1961. 47 p.
(DA)

GRAIN—GRADING

Behavior of grain on a stationary *surface in the presence* of a superimposed electrical field. A. M. Basov, V. N. Shmigel'. Trudy CHIMESKH no. 12 100-116 '61.

Certain problems concerning the theory of grain separation and methodology for studying it. A. M. Basov, F. IA. Izakov. Trudy CHIMESKH no. 12 79-91 '61.

Future development of mechanization in the postharvest treatment of grain and preparation of planting material. S. A. Vasil'ev. Trakt. i sel'khozmash. 31 no. 12, 20-22 D '61.

Study of the electrical conductivity of grain for electrical separation processes. A. M. Basov, G. A. IAsnov. Trudy CHIMESKH no. 12 92-99 '61.

GRAIN—HARVESTING see subdivision under Buryat-Mongolia

GRAIN—STORAGE

Simplifying the system of management in grain receiving stations. A. Radov, Z. Chukhan'ko, Kh. Shokhman. Biul. nauch. inform. trud i zar. plata 4 no. 9 18-22 '61.

GRAIN HANDLING

Ral'tsevich, V. A., ed. [Fundamentals of construction] Osnovy stroitel'nogo dela. [By] I. T. Golovnia i dr. Moskva, Izd-vo tekhn. i ekon. lit-ry po vopr. khlebopriemok, *1960*. *243* p.

GRAIN-HANDLING MACHINERY

Concerning the types of grain loaders. A. M. Borisov. Trakt. i sel'khozmash. 31 no. 12, 15-17 D '61.

Future development of mechanization in the *postharvest* treatment of grain and preparation of planting material. S. A. Vasil'ev. Trakt. i sel'khozmash. 31 no. 12, 20-22 D *'61*.

GRAMINEAE

Effect of the place of cultivation on the carbohydrate content of gramineous plant seeds in germination. L. A. Rudenko, S. B. Levina. Sbor. bot. rab. Bel. otd. VBO no. 2, 97-102 '60.

Ontogeny and morphologic nature of flower parts in gramineae [with summary in English]. V. A. Serkov. Bot. zhur. 46 no. 8, 1134-1143 Ag '61.

GRAMMAR, COMPARATIVE AND GENERAL

Parts of speech and grammatical categories. I. E. Avdeev. Sbor. rab. kaf. angl. i nem. iaz. no. 1, 5-19 '59.

GRAMMAR, COMPARATIVE AND GENERAL—STUDY AND *TEACHING*

Problem of transfer in the study of grammar [with summary in English]. S. F. Zhuikov. Vop. psikhol. 7 no. 5, 90-98 S-O '61.

GRANITE
(see also subdivision under Gissar Range)

Genesis of niobium-bearing granites. A. E. Severov. Izv. AN SSSR, Ser. geol. 27 no. 1, 85-91 Ja '62.

GRANULAR LIDS see Conjunctivitis, Infantile

GRANULAR MATERIALS

Granular material residence time in a *fluid-bed reactor*. V. F. Frolov, P. G. Romankov. Zhur. prikl. khim. 35 no. 1, 80-89 Ja '62.

GRANULOMA *BENIGNUM*

Case of transformation of sarcoidosis into reticulosarcomatosis. A. S. Raben, N. K. Bogdanovich, V. S. Golovchevskaia. Probl. gemat. i perel. krovi no. 11, 33-38 '61.

GRAPE CULTURE see Viticulture

GRAPHIC ARTS

For a high artistic quality of industrial graphic arts. V. Goncharov. Iskusstvo 24 no. 6, 47-52 '61.

GRAPES—FERTILIZERS AND MANURES see subdivision under Georgia

GRAPHIC ARTS, FRENCH—EXHIBITIONS see subdivision under Leningrad

GRAPTOLITES see subdivision under Russia, Northern

GRASSES see subdivision under Kazakhstan, Tatar A.S.S.R., White Russia

GRASSES—DRYING

Golubev, A. V. [Mechanization of grass drying] Mekhanizatsiia sushki trav. Moskva, Mashgiz, 1961. 77 p. (Biblioteka mekhanizatora sel'skogo khoziaistva)
(DA)

Rikhter, R. R. [Pneumatic grass drier] Pnevmaticheskaia sushilka dlia trav. [Chelliabinsk] Chelliabinskoe knizhnoe izd-vo, 1961. 34 p.
(DA)

GRAVES' DISEASE

External respiration in various stages of thyrotoxicosis and the formation of Basedow's disease [with summary in English]. A. A. Dubrovskii. Vest. khir. no. 1, 40-45 '62.

Use of phenothiazine derivatives in the preoperative management of patients with Basedow's disease. N. E. Komarovet. Vest. khir. no. 5, 6-12 '61.

GRAVIMETRY

Determining the representativity error of *gravity anomalies* by the mean gradient method. M. V. Ayduldov. Izv. vys. ucheb. zav., geol. i razv. no. 1, 67-71 '61.

GRAVITATION

Classification of general-type gravitational fields by groups of motions. Part 4. A. Z. Petrov, V. R. Kaigorodov, V. N. Abdullin. Izv. vys. ucheb. zav., mat. no. 1, 130-142 '62.

Do gravity waves exist? D. D. Ivanenko, M. F. Shirokov, M. E. Gertsenshtein. Znan. sila 36 no. 12, 5-7 D '61.

GRAVITY

Division of the gravity field and geological interpretation of local gravity *anomalies*. G. Sh. Sheregelaia. Soob. AN Gruz. SSR 27 no. 4, 399-401 O '61.

GREAT BRITAIN—BALLET

Vigor of national traditions. N. Roslavleva. Sov. muz. 25 no. 12, 54-62 D '61.

GREAT BRITAIN—COAL MINING MACHINERY

Mechanization of coal mining operations in England. A. P. Semenov. Mekh. i avtom. proizv. 16 no. 1, 53-54 Ja '62.

GREAT BRITAIN—COAL PREPARATION

Manvers Main Central Coal-Preparation Plant (England). V. E. Privalov. Koks i khim. no. 6, 56-57 '61.

GREAT BRITAIN—COKE

Coke and *chemical works* "Steel Company of Wales" in Grange (England) (from "Coke and Gas," 24, nos. 261-262, 1961). Koks i khim. *no. 5, 57-58 '61*.

GREAT BRITAIN—*CRIME AND* CRIMINALS

"Crime" (Twentieth Century; a quarterly). Reviewed by L. Sedin. Nov. vrem. 20 no. 6, 28-31 F '62.

GREAT BRITAIN—ECONOMIC CONDITIONS

In the world of monopoly. E. Khmel'nitskaia. Nov. vrem. 20 no. 8, 11-12 F '62.

GREAT BRITAIN—ELECTIONS

Corrupt elections in England in the 18th century. A. I. Kosarev. Izv. vys. ucheb. zav., ist. nav. 5 no. 4, 111-122 '61.

GREAT BRITAIN—ELECTRICITY, INJURIES FROM

Accidents *which occurred in work* with the electrical systems of industrial enterprises in Great Britain for 1957 (from "Electrical Times," no. 3489, 1959, and no. 3504, 1959). IA. P. Vol'fkovich. Prom. energ. 16 no. 8, 19 Ag '60.

GREAT BRITAIN—EVIDENCE, EXPERT

Present-day organizational forms of expertise and *its agencies* in England and the U. S. A. A. N. Ertovtsian. Izv. vys. ucheb. zav., *prav.* 5 no. 2, 130-142 *'61*.

GREAT BRITAIN—FOREIGN ECONOMIC *RELATIONS*

Crisis of the "zone of the seven." A. Rubinin. Vnesh. torg. 42 no. 1, 29-31 '62.

Struggle for the markets of the Commonwealth nations. O. Bogdanov. Mezhdunar. zhizn' 9 no. 2, 121-122 F '62.

GREAT BRITAIN—FOREIGN RELATIONS—ETHIOPIA

English policy in Ethiopia, 1848-1868. V. Trofimov. Krat. soob. Inst. nar. Azii no. 15, 13-17 '61.

GREAT BRITAIN—FOREIGN RELATIONS—INDIA

Anglo-Sindhi relations in the first half of the 19th century, *from the history* of the conquest of Sind. N. V. Khalfin. Krat. soob. Inst. nar. Azii no. 15, 3-17 '61.

GREAT BRITAIN—FOREIGN RELATIONS—NEAR EAST

Return to a gunboat policy. V. Platisov. Mezhdunar. zhizn' 9 no. 2, 124-125 F '62.

GREAT BRITAIN—FREIGHTERS

The cost of building a freight motorship in England [from foreign journals]. Sudostroenie 27 no. 11, 68-69 N '61.

GREAT BRITAIN—GUIDED MISSILES

Foreign military information. Voen. vest. 41 no. 9, 121-123 S '61.

GREAT BRITAIN—HOURS OF LABOR

Length of the work week in the industry of Great Britain. N. Zubkova. Biul. nauch. inform. trud i zar. plata 4 no. 12, 66-69 '61.

GREAT BRITAIN—LABOR PARTY

Problems of English internal policy and the Labor Party in the early phase of the Second World War, September 1939-May 1940. G. I. Moiseeva. Vest. Mosk. un. Ser. 9, Ist. 17 no. 1, 45-54 Ja-F '62.

Struggle in the British labor movement. V. Penchanskii. Mir. ekon. i mezhdunar. otn. no. 1, 116-119 Ja '62.

GREAT BRITAIN—MILITARY BASES, AMERICAN

Demonstration was two kilometers long. Helen Kaye. Zhen. mira no. 5, 26 '61.

GREAT BRITAIN—MINERS IN LITERATURE AND ART

"Man beneath" by Len Doherty. Reviewed by A. Elkhov. Sov. shakht. 11 no. 2, 14 F '62.

GREAT BRITAIN—PLASTICS

Plastics at the British Industry and Trade Exhibition in Moscow. G. O. Tatevosian. Plast. massy no. 9, 74-77 '61.

GREAT BRITAIN—POLITICS AND GOVERNMENT

English professor Ivor Jennings and his "democratic program." IA. M. Bel'gon. Izv. vys. ucheb. zav. ;prav. 5 no. 2, 106-111 '61.

How the English Parliament is losing its right to control the Government. N. S. Krylova. Sov. gos. i pravo 32 no. 11, 122-129 F '62.

Problems of English internal policy and the *Labor Party* in the early phase of the Second World War, September *1939-May 1940*. G. I. Moiseeva. Vest. Mosk. un. Ser. 9, Ist. 17 no. 1, 45-54 Ja-F '62.

GREAT BRITAIN—REFRIGERATION AND REFRIGERATING MACHINERY

Refrigerating machinery at the British trade and industrial exhibition in Moscow. Khol. tekh. 38 no. 4, 70-73 Jl-Ag '61.

GREAT BRITAIN—SHIPBUILDING

English-built ships [from foreign journals]. Sudostroenie 27 no. 12, 70-73 D '61.

GREECE—HISTORY

Loudemis, Menelaos. [The fatherland in captivity; Greece under foreign rule] Rodina v plenu; Gretsiia pod inostrannym gospodstvom. Moskva, Gos. izd-vo polit. lit-ry, 1961. 62 p.

GREEK LANGUAGE—ACCENTUATION

Tronskii, I. M. [Stress in the ancient Greek language] Drevnegrecheskoe udarenie. Moskva, Izd-vo Akad. nauk SSSR, 1962. 147 p.

GREEN MANURING
(see also subdivision under Mukhrani region)

Effect of green manure on the photosynthesis and productivity of pine plantations. I. A. Ilushkevich. Sbor. bot. rab. Bel. otd. VBO no. 2, 132-144 '60.

GREENHOUSES

TSokol, E. I. [Secret of success of a master greenhouse manager] Sekrety mastera-parnikovoda. [Moskva] Mosk. rabochii, 1961. 30 p. (Liudi, dela, plany)
(DA)

Under a glass sky. B. Aleksandrov. IUn. nat. no. 1, 35 Ja '62.

GREENLAND—TUNNELING

Driving tunnels under the ice in Greenland. S. P. Kazakov. Izv. vys. ucheb. zav., gor. zhur. no. 11, 43-46 '61.

GREISEN see subdivision under Mongolia

GREMYACHINSK—ECONOMIC CONDITIONS

Dedov, G. I. [Gremyachinsk] Gremiachinsk. Perm', Permskoe knizhnoe izd-vo, 1961. 39 p. (Goroda Permskoi oblasti)

[MICROFILM]

HARBORS (Continued)

Potentials within ports are a source of increasing their traffic capacity S. Postnikov Rech transp 20 no 11:5-9 N '61

"Radar stations in harbors" by V. I. Shchegolev. Reviewed by F. Golenkov Mor flot 22 no 1:16-17 Ja '62

HARD FACING

Fiumin, I. I., and others, comps. [Principles of the technology of mechanized hard facing] Osnovy tekhnologii mekhanizirovannoi naplavki. Moskva, Vses uchebno-pedagog izd-vo Profobrizdat, 1961 303 p.

HARDBOARD

Reducing the free formaldehyde content of urea-formaldehyde resins A. A. Filbert Der prom 11 no 2 21-22 F '62

Use of hydrophobic additions obtained from turpentine industry wastes in the manufacture of particle boards. V. N. Druzhinin and others Der prom 11 no 1 25-26 Ja '62

Water and moisture absorption and swelling of fiberboards K. V. Panferov, O. B. Tiuzneva Bum prom 36 no 11,14-16 N '61

What causes the splitting of particle boards in case of their veneering in hot presses V. M. TSukhlo Der prom 11 no 2 17 F '62

HARELIP

Dependence of the degree of deformity of the maxillofacial region on the time of operative treatment in congenital cleft palate and harelip E. D. Volova Trudy LSGMI 63,43-46 '60

HARMONY

Let's continue the discussion. Iu. Kon. Sov muz 26 no. 1 31-31 Ja '62.

Let's debate! A. Iusfin Sov muz 25 no. 12 45-48 D '61.

"The pentatone and its development in Tatar music" by IA Girshman Reviewed by M. Bigomedzianov Sov. muz 25 no. 12 132-135 D '61

HART, SIDNEY

Sidney Hart M. Filkhtengol'ts. Sov. muz. 25 no. 8: 95-96 Ag '61

HARVESTING MACHINES

Investigation of a system for the mechanization of tomato harvesting operations. N. P. Lebedev Trakt. i sel'khozmash. 31 no.12: 22-23 D '61

Mechanical characteristics and load diagram of the PSM-5, OA hay press. A. M. Basov, L. E. Kovalev Trudy CHIMFSKH no 12 117-125 '61

Semisuspended front-end ZhSF-1,6 combined reaper and binder. A. Gorenshtein Trakt i sel'khozmash 31 no.12:25-26 D '61.

Tractor mounted ZhBA-3,5 bean reaper. Iu. A. Nikolaev. Trakt i sel'khozmash. 31 no 12,27 D '61.

HASSE, SELLA, 1876-

Works of Sella Hasse I Sapego. Iskusstvo 24 no. 6: 59-63 '61.

HAVRYLIUK, OLEKSANDR, 1911-1941

Oleksandr Havryliuk's article "Poet of struggle", on the 75th anniversary of Shevchenko's death V. P. Vredina. Rad lit. 6 no 1 98-100 Ja-F '62.

HAY—DRYING

Rikhter, R. R. [Pneumatic grass drier] Pnevmaticheskaia sushilka dlia trav. [Chelliabinsk] Chelliabinskoe knizhnoe izd-vo, 1961 34 p.
(DA)

HAY—HARVESTING

Concerning the calculation of the load diagram of hay-straw presses I. E. Kovalev Trudy CHIMESKH no 12, 132-141 '61

HEAD—WOUNDS AND INJURIES

Head injuries as revealed by data from Leningrad hospitals for 1956 [with summary in English] G. D. Luchko. Sov. med. 25 no. 8:96-99 Ag '61.

HEADACHE

"Headaches" by E. P. Platonova. Reviewed by V. Levi. Sov. med. 25 no 7 157 Jl '61.

Use of nasal reflex therapy in headaches of various origin. M. I. Balakhovskaia. Vop. kur., fizioter. i lech. fiz. kul't. 26 no. 4:354-355 Jl-Ag '61.

HEALTH EDUCATION

Bibliographers page. Nar. obr. no. 1:110 Ja '62.

Health education in the systems of dispensary care. I. P. Zabolotskaia, L. F. Fasler. Sov. zdrav 20 no 8: 63-66 '61.

HEALTH EDUCATION—BIBLIOGRAPHY see Bibliography—Health education

HEALTH RESORTS, WATERING PLACES, ETC. (see also subdivision under Bulgaria; Siberia, Sochi, Soviet Central Asia, also Bad Gastein, Austria, Kemeri, Mironovka, Pyatigorsk)

Some problems in the climatic classification of health resorts in the U. S. S. R. critical comments on L. A. Chubukov's and E. M. Il'icheva's article "Basic principles for the classification of climactic health resorts in the U. S. S. R." V. G. Gogibedashvili, G. A. Ushveridze, M. O. Kordzakhiia Vop. kur., fizioter. i lech. fiz. kul't. 24 no. 6:547-551 N-D '59

Treatment of patients with peptic ulcer using health resort factors outside of health resorts E. B. Vygodner Vop. kur., fizioter. i lech. fiz. kul't. 26 no. 6 481-486 N-D '61

Use of prefabrication techniques and the economics of building children's health institutions T. M. Bazil' Sbor. nauch. trud. TISI 8 126-131 '61

HEALTH RESORTS, WATERING PLACES, ETC.—CONGRESSES

Second Scientific Conference on Practice of Doctors of Sanatorium and Health Resort Institutes and Rest Homes of the Trade-Unions under Krasnoyarsk Health Resort Administration. G. A. Sitnikov. Vop. kur., fizioter. i lech. fiz. kul't. 26 no. 6 567-568 N-D '61

HEARING

Change in some indexes of the functional condition of the auditory analyzer under the influence of dibazole. A. P. Velitskii Voen.-med. zhur. no. 7:70 Jl '61

Some characteristics of hearing in specialists in the auditory detection of flaws in internal combustion engines [with summary in English] Iu. A. Kalikinskii. Vop. psikhol. 7 no. 5 121-131 S-O '61.

Some data on the state of hearing in the ear not operated on after unilateral mobilization of the stapes [with summary in English] I. I. Vendelovskii Zhur. ush., nos. i gorl. bol. 21 no 5 12-16 S-O '61.

State of the auditory organ and the prevention of disorders of it in miners in the Donets Basin coal mines [with summary in English]. V. I. Rodin Zhur. ush., nos. i gorl. bol. 21 no 5 61-65 S-O '61

Study of the stability of the auditory processes in time micro-intervals (new data on reversed masking). S. N. Gol'dburt. Biofizika 6 no. 6 717-724 '61

HEARING—TESTING

Study of hearing by means of an acoustic sound in patients following tympanoplasty. K. P. Markova Vest. otorin no. 6:72-75 '61.

HEART

Action of strophanthin on the heart in acute radiation sickness [with summary in English]. B. B. Moroz, S. P. Grozdov. Farm. i toks 24 no 3:301-304 My-Je '61.

Andreev, S. V. [Our heart] Nashe serdtse. Moskva, Izd-vo "Znanie," 1961. 36 p. (Narodnyi universitet kul'tury' Estestvennonauchnyi fakul'tet, no. 19)

Changes in the heart in thyrotoxicosis under the influence of treatment with radioactive iodine [with summary in English]. E. V. Budagova. Vrach. delo no 12:86-88 D '61.

Clinical significance of sinus arrhythmia (simultaneous with the problem of the effect of deep breathing on the heart's activity) [with summary in English]. S. G. Moiseev, A. I. Bochenkova Kardiologiia 1 no 2 61-72 Mr-Ap '61

Inhibiting and stimulating influences of the central nervous system on cardiac activity and respiration in birds. V. I. Klimova-Cherkasova. Fiziol. zhur 47 no. 6 721-728 Je '61

Intracellular registration of rest and action potentials of muscle fibers in various segments of the frog heart. S. A. Kovalev, L. I. Chudakov. Biofizika 6 no. 6:672-680 '61

Lymphatic system of the human endocardium [with summary in English]. E. A. Dobrovolskaia-Zaitseva Arkh. anat. gist. i embr. 41 no 9 76-81 S '61.

Nervous mechanism of the inhibiting and intensifying effects of the parasympathetic system on the heart [with summary in English] M. G. Udel'nov Kardiologiia 1 no 6,3-17 N-D '61.

Some structural characteristics of the left auricular appendix. G. A. Orlov. Vest. khir. no. 8 31-35 '61.

Study of the sequence of distribution of a stimulus in the heart in hyperkalemia [with summary in English]. V. S. Sal'manovich Kardiologiia 1 no. 6,18-25 N-D '61

HEART—ABNORMITIES AND DEFORMITIES

"Angiocardiography atlas of congenital heart defects" [in German] by R. Künzler and N. Schad. Reviewed by V. V. Zodiev and P. V. Skaldin. Vest. rent. i rad. 36 no. 5 74-75 S-O '61.

HEART—DISEASES

Acute toxic myocarditis in pulmonary tuberculosis. L. R. Rusev, G. St. Nikolov, N. I. Bindusov. Probl. tub. no. 5: 25-28 '61.

Compound treatment of patients with neurasthenia accompanied by cardiac disorders at the Sochi-Matsesta Health Resort. L. A. Ul'ianova. Vop. kur., fizioter. i lech. fiz. kul't. 26 no. 4:289-293 Jl-Ag '61.

Diagnosis of a free thrombus in the left auricle. T. A. Mirzoev Klin. med. no. 1 131-133 '62

Disease of the heart in bronchial asthma P. N. Vasil'ev, V. I. Rovinskii. Arkh. pat. no. 1 47-51 '62.

Late results of an operation for the ligation of a vena cava in the treatment of decompensated mitral vitium cordis. I. K. Karaev. Azerb. med. zhur. no. 7 23-29 Jl '61.

Pathology of allergic myocarditis. Iu. G. Boiko. Klin. med. no. 1 124-127 '62

Two cases of polypoid thrombi in the heart G. M. Bekker Sov. med. 25 no 7 140-141 Jl '61

HEART—INFARCTION

Blood protein fractions and C-reactive protein in acute myocardial infarction [with summary in English] Ch. I. Kasalitsa, B. A. Onikienko Vrach. delo no 6 18-22 Je '61

Changes in the blood coagulation system during the development and course of myocardial infarct [with summary in English]. V. N. Mallarovskii Sov. med. 25 no. 8:29-33 Ag '61.

Clinical picture of collapse in myocardial infarction [with summary in English] V. N. Vinogradov, V. G. Popov, A. S. Smetnev Terap. arkh. 33 no 10 3-11 '61

Coronary atherosclerosis and myocardial infarct observed in large cities and rural areas V. Jonas, L. Gloucal. Sov. med. 25 no. 9:18-22 S '61

Determination of glycoproteins and sialic acid in the blood serum in coronary sclerosis and myocardial infarct. V. E. Anisimov, S. F. Akhmerov Klin. med. no. 1 62-66 '62

Diffuse pericarditis in myocardial infarct [with summary in English] Z. M. Volynskii, E. E. Gogin, V. S. Solov'eva. Kardiologiia 1 no. 6:58-66 N-D '61

Electrokymographic examination of the heart in dogs in normal conditions and in experimental myocardial infarct M. N. Tumanovskii, V. IA. Garmash, Iu. G. Novikov Terap. arkh. 33 no. 10 11-18 '61.

Gorki, Gor'kovskii gosudarstvennyi meditsinskii institut. [Angina pectoris and myocardial infarct, collection of articles of the Department of Typological Therapy in honor of Professor A. I. Gefter's 60th birthday] Grudnaia zhaba i infarkt miokarda, sbornik trudov kafedry fakul'tetskoi terapii, posviashchennyi 60-letiiu professora A. I. Geftera. Pod red. K. G. Nikulina. Gor'kii, 1960. 382 p.
(DNLM)

Histochemical study of myocardial infarct under experimental conditions Arkh. pat. no 1 55-62 '62.

Importance of studying blood protein fractions in the differential diagnosis of stenocardia and myocardial infarct [with summary in English]. B. A. Onikienko. Kardiologiia 1 no 6:12-16 N-D '61

Myocardial infarctions associated with endarteritis obliterans in young people [with summary in English] M. A. Gurevich. Sov. med. 25 no. 7 25-31 Jl '61.

Pathogenesis of increased transaminase activity in the blood in myocardial infarct [with summary in English]. IA. IU. Bagirov Terap. arkh. 33 no. 10 19-23 '61

Red blood change and oxyhemometry in myocardial infarction [with summary in English]. A. S. Laginov. Sov. med. 25 no. 7 19-24 Jl '61

Reserve alkalinity and true urinary acidity in acute myocardial infarction caused by thrombosis of the coronary artery A. D. Khetagurov. Terap. arkh. 33 no 10 33-38 '61

Significance of determining glutamic-oxalacetic transaminase in the diagnosis and differential diagnosis of acute myocardial infarction [with summary in English]. IA. IU. Bagirov. Sov. med. 25 no. 10:3-11 O '61.

Stenocardia and myocardial infarct simulating "acute abdomen." A. P. Podonenko. Vest. khir. no. 5:128-131 '61.

HEART—INNERVATION

Dynamics of morphological changes in the intramural neural apparatus in compensatory hypertrophy of the heart [with summary in English]. E. M. Krokhina, F. Z. Meerson, A. L. Mikaelian Biul. eksp. biol. i med. 52 no. 10,115-118 O '61

Histopathology of the nerve elements in the heart and aorta of dogs after intravenous injection of adrenaline and caffeine [with summary in English]. E. M. Krokhina Biul. eksp. biol. i med. 52 no. 8:113-117 Ag '61.

HEART—MOTILITY

Role of heart movements in the formation of a systolic ballistocardiographic complex [with summary in English] A. V. Mareev Biul. eksp. biol. i med. 52 no. 10: 13-18 O '61.

HEART—MUSCLE

Changes in the myocardium in chronic tonsillitis [with summary in English]. E. M. Kucherenko Zhur. ush., nos. i gorl. bol. 21 no. 4:63-68 Jl-Ag '61.

Differential diagnostic value of determining transaminase in the blood in stenocardia and with microfocal necroses of the myocardium. V. G. Uspenskaia, V. I. Petrovskii. Kardiologiia 1 no. 6:90-91 N-D '61.

Functional changes in the myocardium during X-ray treatment of cancer of the female genitalia and breast [with summary in English]. M. M. Nivinskaia, K. P. Buteiko. Med. rad., no. 7:14-18 '61.

Hypothesis on the identity of cholinesterase and the receptor of acetylcholine. T. M. Turpaev. Fiziol. zhur. 47, no. 7:918-922 Jl '61.

Mechanism of the interrelationship of atropin and the choline receptors in the intact heart muscle and in tissue homogenate. S. N. Nistratova. Fiziol. zhur. 47, no. 12:1471-1476 D '61.

HEART—RADIOGRAPHY

Electrocardiographic changes in rabbits under the action of incorporated polonium and X-rays [with summary in English]. S. P. Grozdov. Med. rad., no. 6:48-53 '61.

Study of the heart and lungs in those who work under compressed air conditions by means of functional X-ray diagnosis [with summary in English]. B. M. Shtern, V. I. Koledinov. Vest. rent. i rad., 36, no. 5:22-26 S-O '61.

HEART—SOUNDS

Characteristics of heart sounds during extrasystoles in children according to phonocardiographic data [with summary in English]. M. K. Oskolkova, T. I. Ternova. Vop. okh. mat. i det., 6, no. 8:29-35 Ag '61.

Duration of heart tones in elderly persons. D. S. Kakiashvili. Soob. AN Gruz. SSR, 27, no. 5:635-641 N '61.

Phenomenon of the interference of diastolic murmur with the first tone in mitral stenosis. E. S. Sigal. Klin. med., no. 1:135-139 '62.

Systolic murmur in mitral vitium cordis [with summary in English]. V. I. Musiiuk, I. I. Sivkov, N. L. IAstrebtsova. Kardiologiia, 1, no. 6:81-89 N-D '61.

Use of phonocardiography in the diagnosis of mitral and aortal heart failure [with summary in English]. Kh. I. IAnbaieva, S. G. Gulamova. Med. zhur. Uzb., no. 8:92-97 Ag '61.

HEART—SURGERY

Diagnosis and indications for surgical treatment of defects in the interauricular and interventricular septa [with summary in English]. L. N. Siderenko. Vrach. delo, no. 12:75-79 D '61.

HEART—VALVE—DISEASES

Surgical treatment of mitral, aortic and tricuspid stenosis [with summary in English]. S. A. Kolesnikov and others. Vest. khir., no. 5:3-10 '61.

Use of phonocardiography in the diagnosis of mitral and aortal heart failure [with summary in English]. Kh. I. IAnbaieva, S. G. Gulamova. Med. zhur. Uzb., no. 8:92-97 Ag '61.

HEART—VALVES—SURGERY

Single-stage surgical removal of mitral, aortic and tricuspid stenoses using the left approach. N. M. Genin, K. V. Lapkin, A. D. Ievent. Vest. khir., no. 1:134-136 '62.

HEART—WOUNDS AND INJURIES

Diagnosis of closed injuries to the heart. IU. F. Kovalev. Vest. khir., no. 1:136-138 '62.

Treatment of heart wounds; a review. P. N. Napalkov. Vest. khir., no. 1:124-127 '62.

HEART BLOCK

Combination of complete atrioventricular block with auricular flutter. V. N. Abigezalova. Klin. med., no. 1:139-141 '62.

Rare case of full auriculoventricular block with rhythm migrations in the ventricles and frequent attacks of the Adams-Morgagni-Stokes syndrome. P. S. Fedyshin, O. V. Korkushko. Vrach. delo, no. 12:137-139 D '61.

HEART FAILURE

C-reactive protein in the diagnosis of some cardiovascular diseases (coronary insufficiency, rheumatism) [with summary in English]. V. M. Zemskov. Vrach. delo, no. 6:22-26 Je '61.

Review of the articles in the collection, "Symposium on congestive heart failure" [in English]. N. N. Savitskii. Fiziol. zhur., 47, no. 7:930-933 Jl '61.

HEAT

We shouldn't waste heat. D. Gamburg. Otv. na vop. i ab., no. 12:58-61 '61.

HEAT—CONDUCTION

Analyzing solutions of the one-dimensional nonstationary problem of heat conductivity in the presence of small values of the Biot criterion. IA. S. Podstrigach, V. M. Gembara. Nauch. zap. IMA AN URSR Ser. mashinoved., 7, no. 7:151-165 '61.

HEAT—CONVECTION

Forced convection of a viscous compressible gas near a heat source. M. G. Allshaev. Prikl. mat. i mekh., 26, no. 1:187-190 Ja-F '62.

Heat transfer to carbonic acid along supercritical isotherms in the case of free convection [with summary in English]. V. P. Skripov, P. I. Potashev. Inzh.-fiz. zhur., 5, no. 2:30-34 F '62.

HEAT—PHYSIOLOGICAL EFFECT

Change in capillary blood circulation under the action of heat stresses in endarteritis obliterans. Z. M. Pshenichnaia. Vrach. delo, no. 12:98-102 D '61.

Effect of X rays and high temperature on the crossing-over process [with summary in English]. I. A. Zakharov, S. G. Inge-Vechtomov. Issl. po gen., no. 1:25-37 '61.

Role of the sympathetic nervous system in changes in gastric secretion under conditions of high external temperatures and exposure to sunshine [with summary in English]. G. F. Korotko. Med. zhur. Uzb., no. 8:74-80 Ag '61.

Vascular reactions in ischemic neuritis under thermal stress. N. M. Sergeeva, A. R. Vinnitskii. Vrach. delo, no. 12:107-108 D '61.

HEAT—TRANSMISSION

[Collection of problems and calculations on heat transmission] Sbornik zadach i raschetov po teploperedache. [By] G. N. Danilova i dr. Moskva, Gos. izd-vo torg. lit-ry, 1961. 270 p.

Heat transfer and resistance of a cluster of pipes with ribbon-type fins. S. N. Tulin, A. P. Saltikov. Vest. elektroprom., 31, no. 10:33-36 O '60.

Heat transfer from a fluidized bed of burning coke to the surface of horizontal pipes. I. A. Vinkhushev, IA. A. Botnikov, N. G. Zenchenkov. Khim. prom., no. 11:787-789 N '61.

Heat transfer from a fluidized bed of solid particles to the coil pipe surface. A. M. Kagan, V. G. Fastovskii, A. E. Rovinskii. Khim. prom., no. 11:790-793 N '61.

Heat transfer in furnaces with luminous and nonluminous flames. N. A. Zakharikov, V. P. Komonoko. Gaz. prom., 6, no. 11:22-27 '61.

Heat transfer to carbonic acid along supercritical isotherms in the case of free convection [with summary in English]. V. P. Skripov, P. I. Potashev. Inzh.-fiz. zhur., 5, no. 2:30-34 F '62.

Heat transfer to liquid metals with conditions of an internal problem. B. P. Ustimenko. Trudy Inst. energ. AN Kazakh SSR, 2:252-260 '60.

Mechanism of heat and mass transfer in a fluidized bed. E. Rukenshtein. Zhur. prikl. khim., 35, no. 1:70-80 Ja '62.

Some problems of heat and mass transfer [with summary in English]. N. I. Gamaiunov. Inzh.-fiz. zhur., 5, no. 3:70-89 F '62.

Temperature field of an insulating wall having a finite cross section traversed by a metal rod [with summary in English]. N. V. Krylov, K. I. Strakhovich. Inzh.-fiz. zhur., 5, no. 2:72-78 F '62.

HEAT EXCHANGERS

Andreev, V. A. [Heat exchangers for viscous liquids; principles of calculation and design] Teploobmennye apparaty dlia viazkikh zhidkostei; osnovy rascheta i proektirovaniia. Moskva, Gos. energ. izd-vo, 1961. 272 p.

Designing tube headers. B. S. Salov, O. D. Suetenko. Trudy VNIIKIMASH, no. 1:162-183 '61.

Equation for heat exchanging apparatus. M. M. Khasanov. Dokl. AN Tadzh. SSR, 4, no. 4:28-33 '61.

Freezing out of moisture and of carbon dioxide in tubular heat exchangers. G. V. Vasiunina, L. S. Akselrod. Trudy VNIIKIMASH, no. 4:194-207 '61.

Heat exchange in case of a three-component stream. IU. N. Piottukh, S. I. Shabanov. Izv. Sib. otd. AN SSSR, no. 11:40-47 '61.

Semiconductor heat-transfer intensifiers and heat insulators. V. S. Martynovskii, V. A. Naer. Khol. tekh., 38, no. 3:4-7 My-Je '61.

Somliet, Z. V. [Heat exchangers equipped with spray coolers used in the chemical industries] Orositel'nye teploobmenniki khimicheskikh proizvodstv. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 110 p.

Study of heat exchange in a pipe with a radiator. N. T. Spodyriak. Trudy Inst. energ. AN Kazakh SSR, 2:315-325 '60.

Use of finned tubes in spiral cross-flow heat exchangers. IU. V. Petrovskii, V. G. Fastovskii, L. I. Roizen. Khim. prom., no. 9:58-63 S '61.

HEAT OF ABSORPTION

Adsorption and the heat of adsorption of pyridine and benzene vapors on graphitized carbon black. N. N. Avgul', A. V. Kiselev, I. A. Lygina. Izv. AN SSSR Otd. khim. nauk, no. 1:32-37 Ja '62.

HEAT OF DEHYDRATION

Thermal effect of the reaction of alcohol dehydration affecting the results of kinetic measurements. A. A. Balandin, V. Stshizhevskii, A. A. Tolstopiatova. Vest. Mosk. un. Ser. 2, Khim., 17, no. 1:30-33 Ja-F '62.

HEAT PUMPS

Selecting machines and the control system for heat pump units. V. V. Onosovskii. Khol. tekh., 38, no. 3:30-36 My-Je '61.

HEAT-RESISTANT ALLOYS

Effect of high temperature plastic deformation on the mechanical properties of nickel-base, heat-resistant alloys. S. T. Kishkin and others. Metalloved. i term. obr. met., no. 1:38-40 Ja '62.

Kornilov, I. I. [Physicochemical principles of heat resistance in alloys] Fiziko-khimicheskie osnovy zharoprochnosti splavov. Moskva, Izd-vo Akad. nauk SSSR, 1961. 515 p.

Thermomechanical treatment of heat-resistant alloys. D. IA. Kagan. Metalloved. i term. obr. met., no. 1:46-Ja '62.

HEATING

Space heating with heat emitted by lighting equipment (from "Electric Light and Power," No. 15, 1960). IA. E. Vol'fkovich. Prom. energ., 16, no. 6:44-45 Je '61.

HEATING FROM CENTRAL STATIONS
(see also subdivision under Uzbekistan)

Concerning the innovation of the thermal networks of medium-sized heat and electric power plants. A. T. Kurnosov. Elek. sta., 32, no. 12:14-15 D '61.

Concerning the methodology for accounting for the technological and economic indices of thermal electric power plants. IA. B. Novikov, E. IA. Sokolov, IA. B. Novikov. Elek. sta., 32, no. 12:76-78 D '61.

HEGEL, GEORG WILHELM FRIEDRICH, 1770-1831

Georgiev, F. I. [Apposition between Marxist and Hegelian theories of consciousness, Hegel's psychological theory] Protivopolozhnost' marksistskogo i gegelevskogo ucheniia o soznanii, psikhologicheskaia teoriia Gegelia. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 157 p.

HELICOPTERS

The highest, fastest and farthest of all. NTO, 4, no. 1:58-59 Ja '62.

IUr'ev, B. N. [Selected works] Izbrannye trudy. Moskva, Izd-vo Akad. nauk SSSR.
Vol. 1. [Propellers. Helicopters] Vozdushnye vinty. Vertolety. 1961. 551 p.

HELICOPTERS—PILOTING

Behind a drawn curtain. A. Lutsenko. Kryl. rod., 13, no. 2:12-13 F '62.

HELICOPTERS—ROTORS

Fatigue properties of aluminum alloys used for helicopter blades. E. V. Glatsintov, M. N. Stepnov, V. P. Kogaev. Trudy MATI, no. 51:30-66 '61.

HELIOGRAPH

Ribbons for heliographs. P. V. Dilachenko. Trudy GGO, no. 116:59-60 '61.

HELIUM

Transition of solid helium to the metallic state at high pressures. V. P. Trubitsyn, F. R. Ulinich. Dokl. AN SSSR, 142, no. 3:578-580 Ja '62.

HELIUM—ISOTOPES

Relativistic corrections to the magnetic moments of H^3 and He^3 [with summary in English]. N. S. Zelenskaia, IU. M. Shirokov. Zhur. eksp. i teor. fiz., 41, no. 6:1931-1947 D '61.

HELMINTHOLOGY

Regional Conference on the Control of Helminth Diseases and Brucellosis. Vest. sel'khoz. nauki, 6, no. 11:156 N '61.

HEMAGGLUTINATION see Blood—Agglutination

HEMATOMA

Certain neurovascular reactions in epidural and subdural hematomata. A. A. IArosh. Vrach. delo, no. 6:132-134 Je '61.

HEMICELLULOSE
(see also subdivision under Japan)

Device for the continuous cooking of hemicellulose. I. K. Bashmakov. Bum. prom., 36, no. 10:27-28 O '61.

HEMOCHROMATOSIS

Hemochromatosis [with summary in English]. O. M. Kolobutina, M. IA. Shtyren. Terap. arkh., no. 6:65-68 '61.

HEMOGLOBIN

Methemoglobinemia in children caused by salts of nitric acid. F. N. Subbotin. Pediatriia, no. 1:73-78 '62.

HEMOPHILIA

Case of lymphostasis in hemophilia. A. IA. Aripov, A. IA. Kravchuk. Zdrav. Tadzh., 3, no. 5:28-30 S-O '61.

HEMOPOIETIC SYSTEM

Effect of vitamin B_{12} on hemopoiesis in anemia. V. A. Galitsev. Zdrav. Tadzh., 3, no. 5:38-41 S-O '61.

Hemopoiesis in the liver in hemolytic disease in newborn infants [with summary in English]. A. V. Zhukovets. Arkh. pat., no. 1:21-31 '62.

HEMOPOIETIC SYSTEM—DISEASES

Current views on erythromyelosis (Di Guglielmo's syndrome), review of the literature. G. A. Listengarten Probl. gemat. i perel. krovi no 2, 28-33 '62

HEMOPOIETIC SYSTEM—RADIOGRAPHY

Action of radon radiations and the products of its decomposition on hematopoietic processes. O. IU. Volkova, A. D. Tashmukhana, M. S. Kagan. Med. rad. no. 9, 54-63 '61

Late sequelae from the action of radiations on hemopoiesis [with summary in English]. N. I. Shmeleva, G. V. Voskoboinikov. Biul. eksp. biol. i med. 52 no. 10, 13-16 O '61

HEMORRHAGE

Effect of slight blood loss on body reactivity in experimental peritonitis [with summary in English]. E. M. Neiko. Vrach. delo no. 12, 21-22 D '61

Effectiveness of compound treatment of agonal states in severe shock and hemorrhage [with summary in English]. G. Sh. Vasadze. Vest. khir. no. 5, 18-24 '61

Hemorrhage from the aorta following poisoning with caustic soda. A. V. Briefman, N. D. Mametov. Zhur. ush., nos. i gorl. bol. 21 no. 5, 79-81 S-O '61

Modification of the method of intraarterial administration of blood and Petrov's solution for treatment of agonal states arising during hemorrhage complicated by shock. V. K. Kulagin. Vest. khir. no. 5, 21-29 '61

Pathogenesis of radiation hemorrhages. M. O. Raushenbakh. Med. rad. no. 1, 83-87 '62

Surgical treatment of pulmonary hemorrhage. IU. D. IAtsozhinskii, IA. E. Kimiagarov. Zdrav. Tadzh. 6 no. 6, 14-16 N-D '61

HEMORRHAGE, UTERINE

Some causes of hemorrhages in the placental and early postpartum periods. S. B. Dobriakova, G. V. Ivanova. Sov. med. 25 no. 10, 123-125 O '61

Some recommendations for decreasing blood loss in multiple births [with summary in English]. A. D. Makaricheva. Akush. i gin. no. 5, 63-67 '61

HEMORRHAGIC FEVER see subdivision under Uzbekistan

HEMORRHAGIC SEPTICEMIA OF CATTLE see subdivision under Azerbaijan

HEMORRHOIDS

Treatment of hemorrhoids in the stage of acute thrombophlebitis [with summary in English]. K. V. Luzhnov. Vest. khir. no. 1, 81-84 '62

Treatment of hemorrhoids with alcohol-novocaine blocks. P. P. Laptionov. Vest. khir. no. 1, 79-80 '62

HEMP

(see also subdivision under Verkhnicheskiy District)

Sex genetics in hemp (Cannabis sativa L.) [with summary in English]. K. V. Kvitko. Issl. po gen. no. 1, 106-115 '61

HEMP—FERTILIZERS AND MANURES see subdivision under Brest Province

HEPATITIS, INFECTIOUS

Blood transfusion in compound therapy for Botkin's disease. F. K. Ivanov. Vrach. delo no. 6, 131-132 Je '61

Candidiasis in Botkin's disease. E. A. Sadokova. Terap. arkh. 33 no. 10, 71-75 '61

Clinical aspects and course of Botkin's disease in children during the first year of life [with summary in English]. I. G. Shilenok. Sov. med. 25 no. 9, 76-79 S '61.

Diagnostic value of the intracutaneous test in Botkin's disease using the patient's own serum. N. A. Kosarikhina. Vrach. delo no. 12, 135 D '61

Electrophoretic study of protein and lipo- and glyco-protein fractions in the blood serum in epidemic hepatitis. N. A. Zaslavskaia. Terap. arkh. no. 6, 41-46 '61

Formol reaction in Botkin's disease. IA. S. Klenik. Vrach. delo no. 12, 135-136 D '61.

Isolation of virus strains in epidemic hepatitis [with summary in English]. V. A. Ananiev, A. K. Shubladze. Vop. virus. 6 no. 5, 538-542 S-O '61.

Manganese content in the blood in Botkin's disease and mechanical jaundice. L. S. Bondarev. Terap. arkh. no. 6, 47-50 '61

HEPATOLENTICULAR DEGENERATION

Award of the Lenin Prize for the monograph of Professor N. V. Konovalov, E. V. Shmidt. Sov. med. 25 no. 9, 150-151 S '61.

"Hepatocerebral dystrophy" by N. V. Konovalov. Reviewed by E. V. Shmidt. Vrach. delo no. 6, 153-154 Je '61.

Human being, scholar, and physician. Reviewed by A. Turbin. Nauka i zhizn' 28 no. 10, 76-80 O '61.

HEPATONIC ACID

Ammonolysis of caproic and caprylic acids to nitriles. A. A. Vvedenskii and others. Khim. prom. no. 1, 11-14 Ja '62.

HERACLITUS, OF EPHESUS, c. 540-475 B.C.

At the sources of dialectics. IA. Povarkov. Nar. obr. no. 1, 96 Ja '62.

HERBICIDES

Chemical control of trees and shrubs. G. A. Obukhov. Dokl. Acad. UNIISKH no. 1, 32-36 '59.

Expanding the use of herbicides. V. F. Ladonin. Zemledelie 23 no. 12, 56-66 D '61

Use of herbicides in foreign countries. N. A. Shipinov. Zemledelie 23 no. 12, 83-87 D '61.

Using herbicides on pea fields. G. P. Kutuzov. Zemledelie 23 no. 12, 20-22 D '61

HEREDITY OF DISEASE

Role of heredity in bronchial asthma [with summary in English]. P. K. Bulatov. Terap. arkh. 33 no. 10, 81-85 '61

Study of heredity in patients with cerebral atherosclerosis. I. M. Giul'nazarian, I. F. Zhdrovskaia. Trudy Gos. nauchno-issl. inst. psikh. 22, 108-116 '60.

HERNIA

(see also subdivision under Irkutsk Province)

Complication of strangulated hernia. V. A. Zhuravlev. Vest. khir. no. 5, 135 '61.

Critical comments on simple methods of inguinal herniotomy [with summary in English]. A. I. Baryshnikov. Vest. khir. no. 5, 74-78 '61

Diagnosis of strangulated inguinal hernias in young children [with summary in English]. V. A. Smirnov. Vest. khir. no. 5, 71-74 '61

Late results of herniotomy with plastic repair of the inguinal canal by Spasokukotskii's method [with summary in English]. V. G. Valter, S. P. Butov. Vest. khir. no. 5, 78-81 '61.

On "hernial appendicitis." I. IU. Ibadov. Vest. khir. no. 5, 85-87 '61.

Strangulated hernia in aged persons [with summary in English]. IU. V. Astrozhnikov. Sov. med. 25 no. 8, 49-54 Ag '61

Surgical treatment of recidivous inguinal hernias with the use of skin implants [with summary in English]. Z. I. Niverina. Vest. khir. no. 5, 81-85 '61

HERRING see subdivision under Aral Sea, Okhotsk, Sea of; Pechora Bay region

HERTZEN, ALEKSANDR IVANOVICH, 1812-1870

Hertzen, A. I. [Collected works in thirty volumes] Sobranie sochinenii v tridtsati tomakh. Moskva, Izd-vo Akad. nauk SSSR,
Vol. 25. [Letters, 1853-1856] Pis'ma 1853-1856 godov. 1961. 533 p.

Iakander's secret. N. Natanov. Znan. sila 37 no. 1, 35-39 Ja '62

Pirumova, N. M. [A. I. Hertzen; on the 150th anniversary of his birth] A. I. Gertsen, k 150-letiiu so dnia rozhdeniia. Moskva, Izd-vo "Znanie," 1961. 45 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 1, Istoriia, no. 24)

HETEROSIS

Manifestation of heterosis in tomato hybrids under different growing conditions [with summary in English]. S. I. Narbut. Issl. po gen. no. 1, 161-168 '61

Study of heterosis in strawberry hybrids during early developmental stages [with summary in English]. T. S. Fadeeva, G. A. Kurilova. Issl. po gen. no. 1, 147-160 '61

HEUSINGER, ADOLF, 1897-

Testimony of victims. L. Lesnaia. Ogonek 40 no. 2, 1-7 Ja '62.

Unsuccessful attempt to shield Heusinger. Nov. vrem. 20 no. 7, 16-17 F '62.

HEXAMETHYLENETETRAMINE

Resins based on furfurole and hexamethylenetetramine. I. V. Kamenskii, A. L. Peshekhonova, V. I. Rinskii. Plast. massy no. 10, 15-19 '61.

Use of iodometric titration in determining urotropine. P. N. Kovalenko. Uch. zap. RGU 41, 83-93 '58.

HEXANOIC ACID

Ammonolysis of caproic and caprylic acids to nitriles. A. A. Vvedenskii and others. Khim. prom. no. 1, 11-14 Ja '62.

HEXOBARBITAL

Effect of potentiated local anesthesia, using ganglion-blocking drugs and intramuscular hexenal injections, on the total protein content and the ratios of protein fractions in blood serum in certain surgical interventions. G. K. Aliev and others. Azerb. med. zhur. no. 7, 9-16 Jl '61.

HEXONIC ACID

Clinical study of 5% hexonate as a ganglion-blocking drug in the treatment of gastric and duodenal ulcers. Z. I. Zil'berman. Vrach. delo no. 6, 130 Je '61.

HEXONIUM

Combined use of reserpine and hexonium [with summary in English]. G. V. Obolentseva, IA. I. Khadzhai. Kardiologiia 1 no. 2, 33-36 Mr-Ap '61.

Hexonium in the treatment of peptic ulcer [with summary in English]. P. A. Tepper and others. Terap. arkh. 33 no. 8, 15-22 '61.

HEXONIUM—PHYSIOLOGICAL EFFECT

Effect of hexonium on the functional state of the kidneys [with summary in English]. N. A. Parshchenko. Vrach. delo no. 12, 79-85 D '61

HIBERNATION, ARTIFICIAL see Artificial hibernation

HIBISCUS BREEDING

Mikhailova, E. N. [Breeding of species of the genus Hibiscus] Selektsionnaia rabota s vidami roda Gibiskus. Tashkent, Uzbekskaia Akad. sel'khoz. nauk, 1960. 80 p.
(DA)

HIDES AND SKINS

Intensification of wet processing by means of vibratory action. IA. A. Purin. Kozh.-obuv. prom. 3 no. 12, 22-25 D '61.

Resources of raw materials for the leather and fur industries for the current seven-year plan period. D. V. Nikitin. Kozh.-obuv. prom. 3 no. 11, 19-21 N '61.

HIGH BLOOD PRESSURE see Hypertension

HIGH MOLECULAR WEIGHT COMPOUNDS see Macromolecular compounds

HIGHWAY TRANSPORT WORKERS

Achievements of leading drivers. B. Ul'ianov. Avt. transp. 39 no. 12, 12 D '61

If you are persistent. E. Kashaeva. Avt. transp. 39 no. 12, 10-11 D '61

HIIUMAA—DESCRIPTION AND TRAVEL

Jalasto, Hans. Hiiumaa. Tallinn, Eesti Riiklik Kirjastus, 1960. 85 p. [In Estonian]

HIKMET, NAZIM, 1902-

Old Muscovite. Konstantin Simonov. Ogonek 10 no. 2, 9 Ja '62.

HINDI LANGUAGE—STUDY AND TEACHING

Teaching the Hindi and Urdu languages in schools. K. T. Kasymova. Inostr. iaz. v shkole no. 1, 51-53 Ja-F '62.

HINDU KUSH—SEISMOLOGY

Some problems associated with the study of seismic conditions as exemplified by earthquakes of the Pamir-Hindu Kush zone [with summary in English]. V. N. Gaiskii, A. P. Katok. Trudy Inst. seism. stroi. i seism. 7, 27-39 '60.

HINDU LAW

"The Code of Manu." Reviewed by I. S. Akatov. Vop. filos. 16 no. 1, 170-171 '62

HIP JOINT—TUBERCULOSIS

Radical treatment of tuberculous coxitis. D. G. Kovalenko. Probl. tub. no. 5, 60-65 '61.

HISTAMINE

Skin reaction to histamine at the focus of infection in some dermatoses [with summary in English]. A. S. Chubarova. Vest. derm. i ven. 35 no. 12, 13-22 D '61.

HISTOLOGY, PATHOLOGICAL

Dependence of the results on injection of the lymphatic vessels on the postmortem condition of the vascular system [with summary in English]. L. S. Bespalova. Arkh. anat. gist. i embr. 41 no. 9, 88-92 S '61

HISTORADIOGRAPHY

Method for histoautoradiography of dental pulp by using radioactive colloid gold (Au^{198}). N. A. Mukhin. Stomatologiia 39 no. 6, 20-22 N-D '60.

HISTORICAL FICTION, ARABIC

Development of the historical novel in modern Arabic literature. El'man Arasly. Krat. soob. Inst. nar. Azii no. 45, 177-184 '61.

HISTORICAL MATERIALISM see Dialectical materialism

HISTORICAL MUSEUMS see subdivision under Tashkent

HISTORICAL RESEARCH

Brief news. Vop. ist. KPSS 6 no. 1, 233-236 '62.

Reliable data are the foundation of historical research. I. Smirnov. Kommunist 38 no. 3, 75-83 F '62.

HISTORY—AUDIO-VISUAL AIDS

Use of slides in seventh-grade lessons. A. V. Ponomareva. Prep. ist. v shkole 17 no. 1, 82-86 Ja-F '62.

HISTORY—BIBLIOGRAPHY see Bibliography—History

HISTORY—CONGRESSES

History teachers' conference on theory and practice. N. S. Cherniavskii. Prep. ist. v shkole 17 no. 1, 113-114 Ja-F '62.

Meeting of Soviet and French historians. L. A. Zhelonina. Vest. AN SSSR 32 no. 1, 133 Ja '62.

HISTORY—CURIOSA AND MISCELLANY

History news. Prep. ist. v shkole 17 no. 1:116-122 Ja-F '62.

HISTORY—PERIODICALS

"Index of annotations on the articles and source materials published in 'Krasnyi arkhiv'." Reviewed by M. L. Itkin, V.N Nikolaev Ist. arkh. 7 no. 3:264-266 My-Je '61

HISTORY—SOURCES

Chernilovskii, Z. M. [History of the slaveholding state and law. Supplement: Documents on the history of the slaveholding state and law] Istoriia rabovladel'cheskogo gosudarstva i prava. Prilozhenie: Documenty po istorii rabovladel'cheskogo gosudarstva i prava; sost. K. I. Batyr, V. A. Vinnikov, IU V Kachinovskii Izd 2. Moskva, Vses. iurid. zaochnyi in-t, 1960. 290 p.

HISTORY—STUDY AND TEACHING

Meizon, I. I. [Preparing students for practice history lessons] Podgotovka studentov k prakticheskim urokam po istorii. Moskva, Izd. MOPI, 1960. 90 p. (Moscow Moskovskii oblastnoi pedagogicheskii institut. Uchenye zapiski, vol. 90)

HISTORY—TEXTBOOKS

Results of the contest on the compilation of history textbooks. Prep. ist. v shkole 17 no. 1:93 Ja-F '62.

HISTORY, ANCIENT

Chernilovskii, Z. M. [History of the slaveholding state and law. Supplement: Documents on the history of the slaveholding state and law] Istoriia rabovladel'cheskogo gosudarstva i prava. Prilozhenie: Documenty po istorii rabovladel'cheskogo gosudarstva i prava, sost. K. I. Batyr, V. A Vinnikov, IU. V. Kachinovskii. Izd. 2 Moskva, Vses. iurid. zaochnyi in-t, 1960. 290 p.

HISTORY, MODERN—STUDY AND TEACHING

Study of modern history in the elementary course of the history of the U. S. S. R., grade 7 P. S. Leibengrub. Prep. ist. v shkole 17 no. 1:71-81 Ja-F '62.

HOCKEY

Origin of miracles. IUrii Trifonov. Ogonek 10 no. 1: 30-31 Ja '62

HODGKIN'S DISEASE

Case of lymphosarcoma in combination with Leucosis. A. V. Arkhangel'skii, A. V Makatinova. Vop. okh. mat. i det. 6 no. 3:84-85 Ag '61.

Malignant nonspecific granulomas of the nose. A. F. Fatin, N. N. IUdov, R. P. Kogan Vest. otorin. no 6: 43-50 '61

A typical course of lymphogranulomatosis (one observation). I. A. Pereulegin. Vop. onk. 7 no 8:91-94 '61.

HOISTING MACHINERY

Bolotin, N. A. [Safety handbook for construction hoist operations] Pamiatka po tekhnike bezopasnosti dlia mashinista stroitel'nykh podʺemnikov. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 15 p.

Covered design of cables for mine hoisting machinery. V. F. Kovalenko. Ugol' Ukr. 5 no. 7:26-27 Jl '61.

Safety clutch for a carcass hoist. V. E. Gavrilov. Khol. tekh. 33 no. 6 17-46 N-D '61.

HOISTING MACHINERY—BIBLIOGRAPHY see Bibliography—Hoisting machinery

HOISTING MACHINERY—BRAKES

Increasing the reliability of long-travel brake electromagnets of the KMT type. A. I. Tanatar, V. K. Zorin Prom. energ. 16 no. 6:24 Je '61.

HOLIDAYS see subdivision under Staraya Russa

HOLLAND see Netherlands

HOLOCELLULOSE

Packing density of some natural holocellulose. V. I. Sharkov, V. P. Levanova, I. S. Artem'eva. Zhur. prikl. khim. 34 no. 11:2508-2515 N '61.

HOME AND SCHOOL

Editor's mail. E. Sukhenko. Doshk. vykh. 23 no. 2: 45 F '62.

Editor's mail. M. Aksenova, M. Makovetskaia, V. Sinitsyna. Sem'ia i shkola 16 no. 12:27 D '61.

Kindergarten aid. K. Kuznetsova, T. A. Polomodova. Doshk. vosp. 35 no. 1:74-77 Ja '62

Notes on the "Model program of educational work." I. Martenko. Sem'ia i shkola 16 no. 12:22-23 D '61.

HOME ECONOMICS

Advice to housewives. Belarus' 19 no. 1:30 Ja '62.

Studying the incomes and structure of families with children. N. Rimashevskaia. Biul. nauch. inform. i trud i zar. plata 4 no. 12:45-50 '61.

Turkin, V. I., comp. [Housekeeping] Domashnee khoziaistvo. Izd. 3., perer. i dop. [Perm'] Permskoe knizhnoe izd-vo, 1960. 327 p.

HOME EDUCATION see Correspondence schools and courses

HONEGGER, ARTHUR, 1892-1955

Premiere of Honegger's Third Symphony A. Klimovitskii. Sov. muz. 26 no. 1:104 Ja '62.

HONESTY

"A." V. Semenov. Sem'ia i shkola 16 no. 12:23 D '61.

HONEY

Quality of honey delivered to retail stores. T. Solov'eva, P. Susanina. Sov. torg. 35 no. 1:44-45 Ja '62.

HONEY—THERAPEUTIC USE

Orzhevskii, M. D. [Bees have curative powers] Pchely lechat. [Voronezh] Voronezhskoe knizhnoe izd-vo, 1960. 62 p.
(DNLM)

Protistocidal properties of bee honey collected from various flowers and the treatment of trichomonal colpitis. J. M Tomilg-Reintam, N. G. Zhuravleva Akush. i gin. no 5 106-108 '61.

HONEY PLANTS

Bumblebees of the Komi A. S. S. R. and their food. L. M Kupchikova. Trudy Komi fil. AN SSSR no 9:82-91 '60

HONOR, COURTS OF see Courts of honor

HOOKWORM DISEASE

Pathogenesis of anemia in ankylostomiasis. L. A. Efendieva. Azerb. med. zhur. no. 7:17-22 Jl '61.

HORMONE THERAPY

Hormone therapy (ACTH, cortisone, adrenone) of infectious nonspecific polyarthritis [with summary in English]. E. D Ivanova. Sov med. 25 no 6:87-90 Je '61.

Hormone therapy of esophagus burns. A B. Slivko. Vrach delo no. 6 94-97 Je '61

Result of hormone therapy of prostate gland cancer with metastases. N. V. Kurennoi. Vop. onk. 7 no. 5:88-90 '61.

Ten-years experience with hormone therapy of nonspecific infectious (rheumatoid) polyarthritis [with summary in English] M G. Astapenko Sov med. 25 no 7 1-8 Jl '61.

HORSE BREEDING see subdivision under Gobi

HORSE MEAT

(see also subdivision under Kazakhstan)

Interrepublic Conference on the Increase of Horse Meat and Kumiss Production. B. Popov Vest. sel'khoz nauki 6 no. 11:153-154 N '61.

HORSETAIL see subdivision under Azerbaijan

HORTICULTURE—HANDBOOKS, MANUALS, ETC.

Tarasenko, M. P., B. I. Shik, and P. M. Dobrovol'skii. [Advice to fruit and grape growers] Sovety sadovodam i vinogradarjam. Izd. 3. Kiev, Gos. izd-vo sel'khoz. lit-ry USSR, 1960. 240 p.

HOSE

Planning the manufacture of rubber hoses. M. N. Khalkin. Kauch. i rez. 21 no. 1:10-14 Ja '62.

HOSIERY

Two-unit KAS-22 automatic knitter without casting-off mechanisms. A. S. Shil'meister, A P. Shil'meister. Tekst. prom. 21 no 5 66 My '61.

HOSPITALS

Kolybina, O. D. [Principles of a therapeutic and prophylactic regimen] Osnovy lechebno-okhranitel'nogo rezhima. Moskva, Medgiz, 1961. 106 p.
(DNLM)

HOSPITALS—ADMINISTRATION

Organization of the oxygen supply for medical departments of a hospital A. A. Maslov, M. N. Rabinovich. Voen.-med. zhur. no 7:84 Jl '61.

Problems in mechanizing work processes in the diagnosis and treatment of patients [with summary in English] V. G. Frankovskaia. Sov. zdrav. 20 no. 8:38-43 '61.

Some prospects for the complex mechanization of hospital work [with summary in English]. B. A. Pokrovskii. Sov zdrav. 20 no. 8:35-38 '61.

Work of a hospital council. P. P. Aleksandrov, B. A. Lebedeva, M. IU. Roninson. Sov. zdrav. 20 no. 8:58-63 '61.

HOSPITALS—OUTPATIENT SERVICES

(see also subdivision under Kharkov Province; Moscow)

Health education in the systems of dispensary care. I. P. Zabolotskaia, L. F. Fasler. Sov. zdrav. 20 no. 8: 63-66 '61.

HOSPITALS—SANITATION

New substances and methods for disinfecting hospital rooms (as revealed by foreign studies). A. G. Bazhinov, N. M. Kamorskii, V. A. Komarov. Voen.-med. zhur. no. 7:53-56 Jl '61.

HOSPITALS—STAFF

Two-stage care for patients in a rural district hospital IU D. Shitikov Sov. zdrav 20 no 7 50-53 '61

HOSPITALS, MILITARY see subdivision under Moscow

HOSPITALS, RURAL

A district hospital [with summary in English] V V. Pugina Sov. zdrav 20 no. 7 39-44 '61.

HOT-AIR HEATING

Calculation of the cooling of air in hot-air heating systems. M M Grudzinskii Sbor trud NIIST no. 7 35-60 '61

Study of the temperature and moisture condition in staircases of multistory buildings heated by hot-air systems with gravity circulation V. M Ivanov Sbor trud NIIST no 7 61-76 '61

HOT-WATER HEATING

Dzikan, V. A. [Stove and hot-water heating] Pechnoe i vodianoe otoplenie. [Moskva] Mosk. rabochii, 1961. 130 p.

Fomichev, B. I. [Heating systems with water distribution through large conduits] Sistemy otoplenia s kollektornym raspredeleniem vody. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1961. 77 p

HOT-WATER SUPPLY

Heating and hot water supply from the AGV-80 water heater F G Tagi-Zade. Sbor trud. NIIST no. 7 77-82 '61

HOTHOUSES see Greenhouses

HOURS OF LABOR

(see also subdivision under Great Britain, Ural Mountain region)

Conception of the workday and some problems of the work schedule. A. Protsevskyi Rad. pravo no 4: 101-104 Jl-Ag '61.

Loktov, V. [The workday in the U. S. S. R.] Rabochii den' v SSSR. Minsk, Gos. izd-vo BSSR, Red. sotsial'no-ekon. lit-ry, 1961. 46 p.

Some results of the transition to the shortened workday in the oils and fats industry N A. Galushkina, I D. Sazonova Masl.-zhir. prom. 27 no 11:11-14 N '61

The workday of undetermined length. A. I. Protsevskii. Izv. vys. ucheb. zav. ;prav 5 no. 4:132-136 '61.

HOUSEHOLD APPLIANCES

From samples to mass production. T. Gorialnova, E. Zvonov. Sov torg. 35 no. 2 9-11 F '62.

HOUSING

(see also subdivision under Moscow)

Russia (1917- R. S. F. S. R.) Laws, statutes, etc. [Handbook on the taking of inventory of fixed assets in housing and municipal economy] Spravochnik po inventarizatsii osnovnykh fondov zhilishchno-kommunal'nogo khoziaistva; sbornik vazhneishikh postanovlenii, instruktsii, prikazov i rasporiazhenii po inventarizatsii (po sostoianiiu na 1 ianvaria 1960 g.) Izd 3., ispr. i dop Sost V G Petropavlovskii Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1961. 378 p.

HOUSING—LAW AND LEGISLATION

Assignment of living quarters when a house was demolished for the construction of a new building. IU. G. Basin. Basin. Uch. trudy Kazakh. gos. un. Ser. iur. no 5, 116-143 '59.

General principles of Soviet housing law. IU. G. Basin. Izv. vys. ucheb. zav. ;prav. 5 no. 4:82-91 '61.

Stozharov, N. IA. [Basic problems of Soviet housing law. a handbook for the Soviet public] Osnovnye voprosy sovetskogo zhilishchnogo zakonodatel'stva, spravochnyi material dlia naselenia. Minsk, Gos. izd-vo BSSR, Red. nauchno-tekhn. lit-ry, 1961. 101 p.

Termination of leases on the ground of the long absence of tenants. A. G. Potiukov. Izv vys ucheb zav. ;prav. 5 no. 3:41-52 '61.

White Russia, Laws, statutes, etc. [Housing law] Zhilishchnoe zakonodatel'stvo. Minsk, Izd-vo M-va vysshego, srednego spetsial'nogo i professional'nogo obrazovania BSSR, 1961 360 p.

HOUSING MANAGEMENT see subdivision under Pyatigorsk; Rostov-on-Don; Tikhvin

HOWELLS, WILLIAM DEAN, 1837-1920

New works on Howells. B. Gilenson. Vop. lit. 5 no. 7: 223-229 Jl '61.

HRABOVS'KYI, PAVLO ARSENOVYCH, 1864-1902

Pavlo Hrabovs'kyi in exile in Yakutia. E. Kirilina. Vop. lit. 5 no. 7:166-169 Jl '61.

HREBINKA, IEVHEN PAVLOVYCH, 1812-1848

Hrebinka as a fabulist. I. O. Luchnyk Rad. lit. 6 no. 1: 55-61 Ja-F '62.

HUMAN ECOLOGY

Problems in the ecological physiology of man. D. A. Birkukov. Fiziol. zhur. 47 no. 10:1319-1328 O '61.

HUMIC ACID—PHYSIOLOGICAL EFFECT

Effect of peat and its humic acids on roots. I.M Kurbatov. Sbor.bot rab.Bel.otd.VBO no.2 58-67 '60

HUMIDITY

(see also subdivision under Asia, Siberia, Eastern, Soviet Far East)

Estimating the moisture circulation over large areas. O.A.Drozdov. Trudy GGO no 111 3-14 '61.

Moisture flow in case of G.IA.Vangengeim's circulation types. A.S.Grigor'eva Trudy GGO no.111-37-48 '61.

Moisture transfer over temperate latitudes in Eurasia. A.S.Grigor'eva. Trudy GGO no 111-24-36 '61.

HUNGARY

Reflections on present-day Hungary. Sandor Bares. Nov. vrem 20 no 8;8-10 F '62

HUNGARY—AGRICULTURE

You know them. L.Lerov. Ogonek 40 no 5,10-13 Ja '61.

HUNGARY—CRIMINAL LAW

Trends in the development of Hungarian criminal law. Peter Barna, Tibor Horvat. Sov gos.i pravo 32 no.1 80-85 Ja '62

HUNGARY—ECONOMIC POLICY

The five-year plan for developing the Hungarian People's Republic, 1961-1965 V. Kriuchkov. Plan khoz 39 no 2-83-88 F '62

HUNGARY—ELECTRIC POWER

Generation of electric power in Hungary. Energetik 9 no.12;27-28 D '61.

HUNGARY —LABOR AND LABORING CLASSES

You know them. L. Lerov. Ogonek 40 no.2-18-21 Ja '62.

HUNGARY—LANGUAGE AND LANGUAGES—STUDY AND TEACHING

Training in the foreign language classes of Hungarian schools. Laszlo Koermoeczy. Inostr. faz. v shkole no. 1.41-47 Ja-F '62.

HUNGARY—NEUROLOGY

Study of some problems of the physiology of the nervous system in laboratories of the Hungarian People's Republic. V.I. Klimova-Cherkasova. Fiziol zhur 47 no.12,1510-1513 D '61.

HUNGARY—POLITICS AND GOVERNMENT

Nezhinskii, L. N., and A. I. Pushkash, [Struggle of the Hungarian people for the establishment and consolidation of the Hungarian people's democracy] Bor'ba vengerskogo naroda za ustanovlenie i uprochenie narodno-demokraticheskogo stroia. Moskva, Izd-vo Akad. nauk SSSR, 1961. 551 p.

HUNGARY—PUBLIC PROSECUTORS

The development of public prosecution in the Hungarian People's Republic. Uch. zap. IMO no. 3;64-77 '61.

HUNGARY—RELATIONS (GENERAL) WITH RUSSIA

You know them L Lerov. Ogonek 40 no 4-12-14 Ja '62

HUNGARY—ROCKS, SEDIMENTARY

Brief survey of sedimentary basins of the Hungarian People's Republic from the point of view of petroleum geology. D. Kertai. Geol. nefti i gaza 6 no.1;52-55 Ja '62.

HUNGARY—TEXTILE FABRICS—TESTING

Hungarian laboratory equipment L.N Voznesenskaia. Tekst prom 21 no.5;80-81 My '61.

HUXLEY, ALDOUS LEONARD, 1894-

Death of a satirist. P. Palievskii. Vop. lit. 5 no.7-102-119 Jl '61.

HYALURONIDASE

Effect of treatment with corticoid hormones from the adrenal glands and ACTH on hyaluronidase activity of the blood serum in Bright's disease [with summary in English]. A S Chizh. Terap. arkh. 33 no.8 91-95 '61

Treatment of intestinal toxicoses in infants. E.A. Garber, L.M.Bilus. Pediatriia no.1-33-34 '62.

Use of ronidase and lipase iontophoresis in chronic inflammatory diseases of the uterus, adnexa and parametrial tissues [with summary in English]. I.N. Rember. Sov. med. 25 no.9;33-36 S '61.

HYBRIDIZATION, VEGETABLE

Cytoplasmic instability of interspecific yeast hybrids (Saccharomyces globosus x Saccharomyces cerevisiae) [with summary in English]. L A. Zakharov Issl po gen no 1:38-47 '61.

Effect of the age of parental plants on segregation in pea hybrids [with summary in English]. IA. S Aizenshtat Issl po gen. no. 1-122-138 '61

Root tumors in mustard-rape hybrids and their significance for breeding. G. S. Voskresenskaia, V. I. Shpota Bot. zhur. 46 no. 12;1787-1793 D '61.

HYDRANTS

New fire hydrant. O.Kurbatskii, E.Ivanov. Pozh.delo 8 no.1-24-25 Ja '62.

HYDRANTS—STANDARDS

Specifying the standard for fire hydrants. O. M. Kurbatskii, E. N. Ivanov. Standartizatsiia 26 no. 1;51-53 Ja '62

HYDRATION

Chemistry of vinylacetylene Report No 27. Hydration of vinylacetylenic phenols and their ethers S A. Vartanian, Sh.O Badanian. Izv AN Arm SSR Khim. nauki 14 no. 5 477-485 '61.

Effect of cellulose on the hydration of salts. G V.Nemirov, M. S. Ostrikov Uch zap. RGU 41 151-172 '58.

Study of the hydration of the minerals in slags. V.S. Gorshkov, T. A. Khmelevskaia. Sbor. trud. VNIINSM no. 2;75-129 '60.

HYDRAULIC CONTROL

Dobrolliubov, A. I. [Improving the performance of hydraulic electric control devices of machine tools; detection and elimination of defects] Metody povysheniia ekspluatatsionnykh kachestv gidroelektroavtomatiki stankov, nakhozhdenie i ustranenie nelspravnostei. Minsk, Gos. izd-vo BSSR, Red nauchno-tekhn lit-ry, 1961 156 p

HYDRAULIC CONVEYING

Calculating the suction capacity of a hydraulic transportation unit. A. P. Korshunov. Nauch. soob. Inst. gor. dela 5-39-44 '60.

Methodological problems in the calculation of rotation-feeding apparatus for high-pressure hydraulic transportation. E. M. Shparberg. Izv. Sib otd AN SSSR no. 11,48-52 '61.

Relationship between the size of pieces of material and the transporting capability of a stream Chen Da-dzhyn [Ch'eng Ta-chung], A I. Kupiin. Izv vys. ucheb zav ; gor. zhur. no. 11;24-31 '61.

HYDRAULIC ENGINEERING

Arykin, I. G., M. P. Lebedev, and V. E. Uzvuk. [Organization and carrying out of irrigation and construction work on rivers used for lumber floating] Organizatsiia i proizvodstvo meliorativno-stroitel'nykh rabot na splavnykh putiakh. Moskva, Gosteshumizdat, 1961. 95 p.

Ayakian, A. B., and E. G. Romashkov. [Projects for the near and distant future] Proekty blizkogo i dalekogo budushchego. Moskva, Gos. izd-vo geogr. lit-ry, 1961. 110 p.

Conference on the hydromechanization of earthworks and mining operations. G. P. Nikonov Nauch soob Inst. gor. dela 4 123-127 '60

Hydraulic engineering in Finnish ports. B.F.Gorlunov. Inform. sbor. TSNIITMF no.47. Tekh.ekspl.mor. flota no.3-75-87 '60.

Kantorovich, B. V., and N. K. Kuznetsov. [Hydraulics, water supply, and hydraulic power plants] Gidravlika, vodosnabzhenie i gidrosilovye ustanovki. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 550 p

Plastic materials in hydraulic construction work for land improvement purposes abroad, a survey of foreign literature. V. N. Gorlinskii. Gidr. i mel. 14 no. 1 52-62 Ja '62.

Scientific ideas and works of M. V. Lomonosov on water resources and hydraulic engineering. F. Nesteruk Rech. transp. 20 no. 11;44-46 N '61.

Use of precast concrete and precast reinforced concrete in hydraulic construction Energ stroi no. 20-3-8 '61

HYDRAULIC ENGINEERING—EQUIPMENT AND SUPPLIES

A

Tipovye tekhnologicheskie karty po gidromekhanizirovannoi razrabotke, transportirovaniiu i ukladke grunta v sooruzheniia. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 37 p.

HYDRAULIC MACHINERY

(see also subdivision under Kremenchug Hydroelectric Power Station)

Calculations for the hydraulic machinery used in caissons D. P. Khalizev. [Trudy] NIIOSP no. 45 53-63 '61.

Mechanization of earthwork by means of hydraulic machinery. A.L. Uspenskii. Energ. stroi. no. 23;60-71 '61.

Studies of a hydraulic "turbotachometer." V. P. Varlamov. Trudy VNIIBT no. 3;63-82 '61.

HYDRAULIC MINING

(see also subdivision under Donets Basin)

Efficiency of using high-speed water jets for cutting sandstones and shales. G. M. Veselov, IU. G. Koniashin Nauch. soob. Inst. gor. dela 5;101-107 '60.

Hydraulic mining methods are being improved in this institute. B. M. Shcharanskii. Ugol' Ukr. 5 no. 7,46-47 Jl '61.

HYDRAULIC MINING—EQUIPMENT AND SUPPLIES

Automation of pumping stations in hydraulic mines. V. G. Geyel, G. M. Timoshenko, V. A. Fadin Mekh i avtom proizv 16 no 1;31-34 Ja '62.

HYDRAULIC MINING—SAFETY MEASURES see subdivision under Kuznetsk Basin

HYDRAULIC MODELS

Laboratory investigation of channel formating processes at river bends. N Makkaveev, V. Rainov, P. Kosarskii Rech transp 20 no. 11;29-31 N '61

HYDRAULIC PRESSES

Fish press. Ryb. khoz. 38 no. 1-94-95 '62.

Method of determining the efficiency of hydraulic presses. A N Munin Der prom 11 no 1 15 Ja '62

HYDRAULIC STRUCTURES

(see also subdivision under Kazakhstan, Kremenchug Hydroelectric Power Station; Trans-Ili Ala-Tau)

Consideration of the uneven distribution of unit expenditures of water, and variations in the speed and kinetic force of the stream in the calculation of local washouts behind hydraulic structures. M S. Vyzgo. Trudy Inst. energ. AN Kazakh SSR 2,156-174 '60

Design of hydraulic structures for earthquake activity. Trudy TSNIISK no 6 212-220 '61

Efficiency of using precast reinforced concrete in hydraulic construction F. F Preigofer Energ. stroi no 20 66-69 '61

Practice of using bottom structures with an alluvium collecting trench for the intake of water. A. B. Magas. Trudy Inst. energ. AN Kazakh SSR 2;184-187 '60.

Precast concrete formwork for tall concreting blocks in hydraulic structures A. G. Zolotarev Sbor. nauch trud TISI 3;31-35 '61

Pressureless water outlets P. I Shipenko Gidr i mel 11 no 2,14-22 F '62

The quality of concreting operations in hydraulic construction. P. I Glazhge. Energ stroi no 20 57-61 '61.

Use of new technology in hydraulic construction. Energ stroi no. 20 154-163 '61

HYDRAULIC STRUCTURES—QUALITY CONTROL

Work quality control. S. N. Tumanovskii, I. G. Pressman. Energ. stroi, no. 23;95-101 '61.

HYDRAULIC TRANSMISSION see Oil hydraulic machinery

HYDRAULIC TURBINES

(see also subdivision under Volga Hydroelectric Power Station (Lenin), Volga Hydroelectric Power Station (22d Congress of the CPSU)

Universal relationships of discharge, speed, and the opening of the distributor of propeller turbines B P. Safarov Izv AN Arm. SSR Ser tekh. nauk 14 no 5 29-38 '61

HYDRAULICS

Determining the discharge of solid matter in two-phase streams with a solid granular phase. A M Dimin Izv. Sib. otd. AN SSSR no. 11;33-39 '61

Mathematical correlation of the roughness coefficients "n" and "γ" and unification of the roughness scale. V. A. Khomze Dokl. i soob UNIISKII no 4-59-62 '59

HYDRAZIDES

Effect of hydrazides and hydrazones on the stimulation of the growth of plants K K. Bragina, N A. Bazilevskaia, A.N Kost. Vest Mosk.un Ser. 6 Biol., pochv. 16 no 6 37-44 N-D '61.

Synthesis of unsymmetrical diphenylhydrazides of carboxylic acids. I. S. Berdinskii, V. P. Mitianin. Trudy Perm. farm. inst. no. 1;159-161 '59.

HYDRAZONES

Effect of hydrazides and hydrazones on the stimulation of the growth of plants. K K. Bragina, N.A. Bazilevskaia, A.N. Kost. Vest. Mosk. un. Ser. 6 Biol., pochv. 16 no. 6-37-41 N-D '61.

Polarographic behavior of some diphenylphosphoryl hydrazones. B.A Arbuzov, E A. Berdnikov. Izv. AN SSSR Otd. khim nauk no. 1-165-168 Ja '62.

HYDROBIOLOGY see subdivision under Gor'koye, Lake (Kurgan Province)

HYDROCARBONS

Correlation between polar substances and the deviations from the additivity of the index of refraction and density of hydrocarbon mixtures and the deviations from ideal behavior in the systems. S. K. Ogorodnikov and others. Zhur. prikl. khim. 34 no. 12;2792-2796 D '61

Determining the activity of oxygen-containing condensation products of aromatic hydrocarbons with formaldehyde. N. K. Moshchinskaia, Z. G. Kisilitsyna. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 4;668-671 '61.

Effect of the chemical composition of hydrocarbon raw charge and water vapor on the dynamics of olefin formation at high temperature pyrolysis. T. P. Vishniakova and others. Khim. i tekh. topl i masel 6 no. 12,11-14 D '61

HYDROCARBONS (Continued)

Liquid - vapor equilibrium in binary and ternary systems formed by hydrocarbons C_5 and dimethylformamide. S. K. Ogorodnikov, V. B. Kogan, M. S. Nemtsov. Zhur. prikl. khim. 34 no. 11:2441-2446 N '61.

Production of aromatic hydrocarbons by the pyrolysis of powdered peat. V. G. Kashirskii. Izv. vys. ucheb. zav.; khim. i khim. tekh. 4 no. 4:661-664 '61.

Separation of pure aromatic hydrocarbons. I. L. Gurevich, L. Iu. Zhake. Khim. i tekh. topl. i masel 7 no. 2:7-12 F '62.

Sokolov, V. A. [New methods for separating light hydrocarbons] Novye metody razdeleniia legkikh uglevodorodov. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 329 p.

Study of the black process thermal decomposition of diluted mixtures of hydrocarbons. P. A. Tesner, I. IA. Robinovich, L. A. Matiushenko. Trudy VNIIGAZ no. 12:27-41 '61.

Study of the carbon black process during diffusion burning of various hydrocarbons. I. S. Rafal'kes, P. A. Tesner. Trudy VNIIGAZ no. 12:42-48 '61.

Synthesis of heterocyclic compounds with phosphorous in their rings. Report No. 2. Interaction between diene hydrocarbons and dichloroanhydrides of aryl- and alkylphosphinic and phosphorous acids. B. A. Arbuzov, L. A. Shapshinskaia. Izv. AN SSSR. Otd. khim. nauk no. 1:65-71 Ja '62.

Thermocatalytic conversion of hydrocarbons of the medium tar fraction of Baltic shales. E. A. Abramenkova, E. M. Tarasenkova. Trudy LIEI no. 36:65-75 '61.

Van der Vaals interaction of hydrocarbon molecules. N. P. Borisova, M. V. Vol'kenshtein. Zhur. struk. khim. 2 no. 3:346-349 My-Je '61.

HYDROCEPHALUS

Paradoxical reaction of the pupils in hydrocephalus. A. IA. Samoilov, O. N. Sokolova. Vop. neirokhir. 25 no. 1:70-73 '62.

HYDROCHLORIC ACID

Hydrochlorination of styrene. V. V. Sal'nikov. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 4:621-625 '61.

HYDRODYNAMICS

Heavy conducting liquid stabilized by a rapidly alternating magnetic field. T. F. Volkov. Zhur. tekh. fiz. 32 no. 1:34-43 Ja '62.

Interpretation of nonsteady-state relativistic hydrodynamics in Minkowski space. I. S. Shikin. Dokl. AN SSSR 142 no. 3:564-567 Ja '62.

Measurement of long relaxation times in a continuous liquid flow [with summary in English]. A. I. Zhernovoi. Inzh.-fiz. zhur. 5 no. 2:64-71 F '62.

Nekrasov, A. I. [Collected works] Sobranie sochinenii. Moskva, Izd-vo Akad. nauk SSSR.
Vol. 1. 1961. 442 p.

Nonstationary motion of sediments in a suspended state. IU. T. Borshchevskii. Izv. Sib. otd. AN SSSR no. 11:142-145 '61.

Propagation in an aqueous medium of an impurity emanating from a source situated above the surface of a reservoir [with summary in English]. A. IA. Pressman. Inzh.-fiz. zhur. 5 no. 2:90-96 F '62.

Some cases of the flow of a conducting fluid in tubes of rectangular cross section placed in a magnetic field. G. A. Grinberg. Prikl. mat. i mekh. 26 no. 1:80-87 Ja-F '62.

Some nonlinear problems of unsteady-state flow through porous media. V. F. Baklanovskaia. Prikl. mat. i mekh. 26 no. 1:196-200 Ja-F '62.

Some problems concerning nonsteady-state flow of a conducting fluid in tubes of constant cross section in a transverse magnetic field. IA. S. Ufland. Zhur. tekh. fiz. 31 no. 12:1409-1419 D '61.

Steady laminar flow of a conducting fluid in a rectangular tube under the action of ponderomotive forces. A. G. Riabinin, A. I. Khozhainov. Zhur. tekh. fiz. 32 no. 1:15-21 Ja '62.

Vibrations in a console-type cylinder in a fluid flow [with summary in English]. S. I. Devnin. Inzh.-fiz. zhur. 5 no. 2:97-100 F '62.

Viscous fluid discharge from external cylindrical nozzles. V. I. Ashikhmin, Z. I. Geller, IU. A. Skobel'tsyn. Neft. khoz. 39 no. 9:55-59 S '61.

HYDROELECTRIC POWER STATIONS
(see also subdivision under Angara River; Dnieper Valley, Komi A. S. S. R.; see also Irkutsk Hydroelectric Power Station; Kapchagay Hydroelectric Power Station, Krasnoyarsk Hydroelectric Power Station; Kremenchug Hydroelectric Power Station; Novosibirsk Hydroelectric Power Station; Vakhsh Hydroelectric Power Station)

Best operating conditions for interrupted series of low-head hydroelectric power stations with a daily regulation regime. D. A. Autse. Soob. AN Gruz. SSR 27 no. 5:583-588 N '61.

Conference of young designers. V. Smetanich. NTO 3 no. 12:54 D '61.

Currents and voltages in the electric system in case of a steady asynchronous regime of the hydraulic generator. IU. M. Shakhnazarian. Izv. AN Arm. SSR. Ser. tekh. nauk 14 no. 5:21-28 '61.

Methodology for calculating the seasonal and yearly discharge regulation. I. M. Panasenko. Trudy Inst. energ. AN Kazakh SSR 2:111-116 '60.

Methodology for determining the calculational safety margin for the operation of a hydroelectric power station. V. P. Zakharov. Trudy Inst. energ. AN Kazakh. SSR 2:123-129 '60.

Optimum parameters of a hydroelectric power station with a round the-clock regulation. V. IA. Kim. Trudy Inst. energ. AN Kazakh. SSR 2:147-150 '60.

Problems concerning the calculation of discharge regulation in a complex hydroelectric power system. M. N. Vagapov. Trudy Inst. energ. AN Kazakh. SSR 2:130-140 '60.

Thermal conditions of mountain water-shed in the winter. A. Zh. Zhulnev. Trudy Inst. energ. AN Kazakh SSR 2:151-155 '60.

HYDROELECTRIC POWER STATIONS—WATER SUPPLY

Trench-type sand and gravel collectors in canals. A. I. Arykova. Trudy Inst. energ. AN Kazakh. SSR 2:175-182 '60.

HYDROGEN

Elastic scattering of 247 Mev. gamma-quanta on hydrogen [with summary in English]. P. S. Baranov and others. Zhur. eksp. i teor. fiz. 41 no. 6:1713-1721 D '61.

Energy dependence of the cross section for the photoproduction of π^--mesons on hydrogen near the threshold [with summary in English]. M. I. Adamovich and others. Zhur. eksp. i teor. fiz. 41 no. 6:1811-1817 D '61.

Ionization of hydrogen atoms by electrons taking interference into account [with summary in English]. B. K. Peterkop. Zhur. eksp. i teor. fiz. 41 no. 6:1930-1939 D '61.

Overvoltage for the evolution of hydrogen of manganese. I. V. Gamali, V. V. Stender. Zhur. prikl. khim. 35 no. 1:127-132 Ja '62.

Studying the process of hydrogen purification in a fluidized bed of activated carbon. N. V. Kel'tsev, Z. A. Zhukova. Trudy VNIIGAZ no. 12:143-149 '61.

HYDROGEN—ANALYSIS

Microdetermination of active hydrogen by gas chromatography. M. N. Chumachenko, I. B. Tverdiukova. Dokl. AN SSSR 142 no. 3:612-614 Ja '62.

Simultaneous determination of carbon, hydrogen, and halogens or sulfur by "flash combustion". V. A. Klimova, T. A. Antipova, G. K. Mukhina. Izv. AN SSSR. Otd. khim. nauk no. 1:19-22 Ja '62.

HYDROGEN—ISOTOPES

Relativistic corrections to the magnetic moments of H^3 and He^3 [with summary in English]. N. S. Zelenskaia, IU. M. Shirokov. Zhur. eksp. i teor. fiz. 41 no. 6:1934-1937 D '61.

HYDROGEN-ION CONCENTRATION

Simplified method for industrial pH control. A. V. Prokhorov. Bum. prom. 36 no. 11:25-26 N '61.

HYDROGEN PEROXIDE

Letters to the editor. S. S. Nazarova. Zhur. prikl. khim. 34 no. 11:2568 N '61.

Lushchikov, V. I., and A. A. Manenkov, and IU. V. Taran. [Dynamic polarization of protons in hydrogen peroxides and tertiary butyl] Dinamicheskaia poliarizatsiia protonov v perekisiakh vodoroda i tertichnogo butila. Dubna, Ob"edinennyi in-t iadernykh issl., 1961. 7 p. [With summary in English]

A reaction of hydrogen peroxide formation in the medium of liquid ammonia. K. E. Mironov, B. S. Dzlatkevich, T. I. Rogozhnikova. Izv. Sib. otd. AN SSSR no. 11:130-132 '61.

HYDROGEN SULFIDE
(see also subdivision under Black Sea)

Investigation of the process of hydrogen sulfide removal from coke-oven gas by potassium solutions in a scrubber with a pulverizing-atomizing plate. I. G. Plit and others. Koks i khim. no. 10:42-47 O '61.

Possibilities of using molecular compounds of hydrogen sulfide and hydroquinone ("clathrate") in school experiments. E. Kviatkovskii. Khim. v shkole 17 no. 1:83-84 Ja-F '62.

Use of waste heat for heating the working solution for the vacuum-carbonate sulfur removal systems. E. V. Romanc. Prom. energ. 15 no. 7:13-14 Jl '60.

HYDROGENATION

Conjugated hydrogenolysis in the synthesis of tetrahydrofuran homologs. I. F. Bel'skii. Izv. AN SSSR. Otd. khim. nauk no. 1:142-146 Ja '62.

Effect of hydrogenation of the properties of polybutadienes. A. I. IAkubchik and others. Zhur. prikl. khim. 34 no. 11:2501-2507 N '61.

Hydrogenation of sunflower seed oil with simultaneous supersonic imposition. B. N. Tiutiunnikov, S. Vysotskii. Izv. vys. ucheb. zav., pishch. tekh. no. 5:44-48 '61.

Processing anthracene fraction by hydrogenation. A. G. Boris and others. Koks i khim. no. 10:53-56 O '61.

Production of pure cyclohexane by the catalytic hydrogenation of benzene containing thiophene. I. I. Levitskii, G. A. Udaltsova, M. G. Gonikberg. Zhur. prikl. khim. 35 no. 1:204-206 Ja '62.

Results of the destructive hydrogenation of condensation products of toluene with dichloroethane. I. I. Eru, M. M. Podorozhanskii. Koks i khim. no. 8:17-19 '61.

Selective hydrogenation of acetylenic compounds in the butylene-bivinyl fraction of gases from the pyrolysis of petroleum products. N. L. Sanina, P. S. Kogan, S. N. Kazarnovskii. Khim. prom. no. 11:802-804 N '61.

Self-hydrogenation of C_2H_4 and C_3H_6 in a separate and simultaneous chemisorption of these gases on Pt, Pd, and Ni films. A. G. Popov, R. E. Mardaleishvili. Vest. Mosk. un. Ser. 2, Khim. 17 no. 1:34-38 Ja-F '62.

HYDROGRAPHY see subdivision under Caspian Sea, Ural Mountains

HYDROLOGY
(see also subdivision under Black Sea, Desna Valley; Kara Sea; Kishchay Valley; Ladoga, Lake; Pacific Ocean, Volga Valley, Yana River)

Comments on V. N. Parshin's replies to P. M. Mashukov's article. E. M. Kozik. Izv. AN Uz. SSR. Ser. tekh. nauk no. 4:84-86 '61.

Elementary mathematical analysis in the forecasting hydrology and its criticism by V. N. Parshin. P. M. Mashukov. Izv. AN Uz. SSR. Ser. tekh. nauk no. 4:82-84 '61.

Scientific ideas and works of M. V. Lomonosov on water resources and hydraulic engineering. F. Nesteruk. Rech. transp. 20 no. 11:44-46 N '61.

HYDROLOGY—BIBLIOGRAPHY see Bibliography—Hydrology

HYDROLYSIS

Bibliography. Zhur. prikl. khim. 35 no. 1:228-229 Ja '62.

Conjugated hydrogenolysis in the synthesis of tetrahydrofuran homologs. I. F. Bel'skii. Izv. AN SSSR. Otd. khim. nauk no. 1:142-146 Ja '62.

Hydrolysis of cellulose lignin by a 44-45% hydrochloric acid solution in a diffusion battery. N. V. Chalov and others. Zhur. prikl. khim. 34 no. 12:2737-2745 D '61.

Ryzhkov, G. F. [Economic aspects of the wood chemistry and hydrolysis industry] Ekonomika lesokhimicheskoi i gidrolizno promyshlennosti. Moskva, Goslesbumizdat, 1961. 238 p.

HYDROMETER—TESTING

Testing areometers in a single liquid. M. D. Ippits, M. I. Tiutikova. Izm. tekh. no. 12:17-21 D '61.

HYDROMETALLURGY

Composition of solid precipitates during the processing of red muds for the hydrochemical production of alumina. M. M. Gol'dman, V. D. Ponomarev. Izv. AN Kazakh SSR Ser. met., obog. i ogneup. no. 3:40-49 '61.

Effect of protective additions on the stability of aluminate solutions in the presence of solid phases. L. G. Romanov, V. D. Ponomarev. Izv. AN Kazakh SSR, Ser. met., obog. i ogneup. no. 3:50-65 '61.

HYDROMETEOROLOGY
(see also subdivision under Arctic regions)

Effect of irregularities of the earth's rotation on atmospheric and hydrospheric processes. N. S. Sidorenkov. Probl. Arkt. i Antarkt. no. 9:45-49 '61.

HYGROMETRY

Cause of ambiguous readings of the hair hygrometer. P. V. Diachenko. Trudy GGO no. 116:3-11 '61.

Semiautomatic hygrostate. P. V. Diachenko. Trudy GGO no. 116:12-20 '61.

HYDROQUINONE

Possibilities of using molecular compounds of hydrogen sulfide and hydroquinone ("clathrate") in school experiments. E. Kviatkovskii. Khim. v shkole 17 no. 1:83-84 Ja-F '62.

HYDROXYLAMINE

Electrochemical synthesis of cyclohexylhydroxylamine. V. G. Khomiakov and others. Zhur. prikl. khim. 34 no. 12:2788-2791 D '61.

Electrosynthesis of hydroxylamine sulfate in 20% sulfuric acid. R. I. Agladze, R. K. Kvaratskhelia. Khim. prom. no. 1:37-40 Ja '62.

HYMENOPTERA—EMBRYOLOGY see Embryology—Hymenoptera

HYMNS, TAMIL

Comparison of Vedic and Tamil hymns. A. M. Piatigorskii. Krat. soob. Inst. nar. Azii no. 57:83-122 '61.

HYPERSUSCEPTIBILITY see Anaphylaxis

HYPERTENSION

Action of dioquine in hypertension. E. V. Erina. Khim. i med. no. 15:89-94 '60.

HYPERTENSION (Continued)

Characteristics of the peripheral and renal vessels' reactions to interoceptor stimulations in the normal state and in experimental renal hypertension [with summary in English]. A. I. Vyshatina Biul eksp biol i med, 52 no 8 25-31 Ag '61.

Clinical aspects of encephalomalacia in hypertension [with summary in English] Z N Diacheva Sov med 25 no 7 99-104 Jl '61

Comparative study of the effect of carbon dioxide, hydrogen sulfide and oxygen baths in sea water on hypertension. T A, Vasil'eva Vop kur , fizioter i lech. fiz, kul't, 24 no. 6:530-536 N-D '59

Consecutive development of hypertension and thyrotoxicosis IA M Miloslavskii, R D Khubutiia Klin med no 1:127-129 '62

Differential treatment of hypertension at Sochi-Matsesta Health Resort with particular attention to the dynamics of electrocardiographic indices in sea baths. M.I Beznosov Vop. kur., fizioter. i lech fiz kul't, 26 no.6 522-527 N-D '61

Effect of dioquine on the arterial pressure of dogs with experimental hypertension. V, N, Mentova, Z T Samoilova Khim i med, no. 15:125-130 '60.

Effect of hydroaeroionization in conjunction with other physical factors on hypertension A A Mikhitycheva Med. zhur. Uzb, no. 6:33-35 Je '61

Importance of electroencephalography in the differential diagnosis of focal lesions of the brain, conditioned by hypertension and atherosclerosis A. M Pulatov Zdrav. Tadzh. 8 no. 5,13-17 S-O '61

Method for phono-oscillography in the clinical treatment of cardiovascular diseases (hypertension, arteriosclerosis) [with summary in English] M N. Tumanovskii, A I Zolotarev Kardiologiia 1 no 6 46-51 N-D '61

Pathogenesis of disorders of the mesenteric circulation in atherosclerosis and hypertension [with summary in English]. V. S Smolenskii Kardiologiia 1 no 2 36-46 Mr-Ap '61.

Pathogenesis of hypertension Sov. med, 25 no 9:3-12 S '61,

Primary pulmonary hypertension [with summary in English]. B. V, Petrovskii, I. kh. Rabkin, G. M. Solov'ev, Terap. arkh, no, 6:11-18 '61

Role of some corticosteroids in hypertension, preliminary report [with summary in English] F. N Gerasimova Kardiologiia 1 no 2 14-18 Mr-Ap '61.

Scientific studies on the problems of hypertension, arteriosclerosis and coronary insufficiency from 1961 to 1962. Kardiologiia 1 no. 2 89-91 Mr-Ap '61

Significance of atmospheric ionization in the treatment of hypertension at the TSkhaltubo Health Resort, L. A. Sergeev. Voen. -med. zhur. no 7,80-81 Jl '61.

Some biochemical indices of the blood of patients with mental disorders caused by cerebral atherosclerosis and hypertension. Preliminary report. I. N. Bobrova, L.S. Romanova. Trudy Gos. nauchno-issl. inst. psikh, 22 355-362 '60.

State of heat regulation in hypertension. A. D. Petruk. Vrach. delo no, 12;147 D '61.

Treating hypertension and atherosclerotic cardiosclerosis in local sanatoria [with summary in English]. N. E. Kavetskii, I. V. Ol'. Kardiologiia 1 no 2 29-32 Mr-Ap '61

Treatment of hypertension by sea baths. N.E. Bilinov. Vop. kur. fizioter. i lech. fiz. kul't. 26 no. 6 528-532 N-D '61.

Treatment of hypertension with dicoline, T. A. Martinova. Khim. i med. no. 15;97-102 '60.

Treatment with neuroleptic drugs (reserpine, aminazine) for patients with cerebral atherosclerosis and hypertension with mental disorders. Preliminary report. G.K. Tarasov. Trudy Gos. nauchno-issl. ist. psikh. 22;395-407 '60.

Urinary excretion of catehol amines in hypertension and symptomatic hypertonia [with summary in English] V. V. Men'shikov. Kardiologiia 1 no. 2 18-29 Mr-Ap '61

Use of hypothiazide in treating hypertension [with summary in English]. L. A. Lantsberg. Klin. med. no 1 48-53 '62.

Use of pentamine in hypertension. E. V. Erina. Khim. i med. no. 15;77-80 '60.

Use of radon, carbon dioxide and oxygen baths in the complex of sanatorium treatment of hypertension. O. P. Sorokina, L. I. Petruchenko. Vop. kur., fizioter. i lech. fiz, kul't. 26 no. 4:323-326 Jl-Ag '61.

Use of reserpine in hypertension with atherosclerosis of the coronary arteries. M. V. Ignat'ev. Kardiologiia 1 no. 2:77-78 Mr-Ap '61.

Use of the new ganglion blocking preparation, dioquine, in hypertension. M. L. Gorinshtein, TS. M. Shibner, Z. N. Chulkova. Khim. i med. no. 15;94-97 '60.

Vectorcardiographic studies of hypertension. M. I. Reiderman. Vrach. delo no. 12;43-47 D '61.

HYPERTHYROIDISM

Significance of the caffeine load in the diagnosis of thyroid gland hyperfunction. E. I. Voznuk. Med. rad. no. 8;23-28 '61.

HYPOCHLORITES

Semiautomatic proportioning of hypochlorite solution. F. M. Barsukov. Tsum prom 36 no 12;19 D '61

HYPOCHONDRIA

Senesthopathic-hypochondriacal syndrome in patients with atherosclerosis of the vessels of the brain. Z. V. Kosenko Trudy Gos. nauchno-issl. inst. psikh. 22 149-161 '60

HYPOGASTRIC ARTERY

Administration of antibiotics into the hypogastric artery by the retrograde route in gynecological diseases [with summary in English] T. V. Borina Akush i gin. no 5 98-100 '61

HYPOTENSION

Aleksandrova, A. P., and V. S. Luk'ianov. [Problems in the clinical aspects, prevention, and treatment of hypotension] Voprosy kliniki, profilaktiki i lecheniia gipotonicheskoi bolezni. Pod red. V. M. Banshchikova. Moskva, M-vo zdravookhraneniia RSFSR, 1960. 83 p. (DNLM)

Neurohumoral factors in the pathogenesis of hypothension. M. T. Golitsynskaia Vrach. delo no. 6 124-125 Je '61

HYPOTHALAMUS

Changes in the coronary circulation and blood pressure during stimulation of the hypothalamus region A. V. Tonkikh, A. I. Ilina, S. I. Teplov. Fiziol. zhur. 47 no. 7:801-805 Jl '61.

Pathogenesis of hypothalamic adiposis. M. S. Kakhana, A. M. Kakhana. Sov. med. 25 no 9;72-75 S '61

Phenomenon of hyperpigmentation following exclusion of the source of hypothalamic neurosecretion. A. A Voitkevich. Fiziol. zhur. 47 no. 7;881-891 Jl '61

HYPOTHERMIA

Effect of hypothermia on the course of peritonitis [in Azerbaijani with summary in Russian] M. A. Topchibashev, B. N. Abrakhanova Trudy Sekt. fiziol. AN Azerb. SSR 4;23-27 '60

Effectiveness of neuroplegic substances and hypothermia in the prevention and treatment of traumatic shock in irradiated animals P. K. Dilachenko and others Voen. -med. zhur. no 7,86 Jl '61

HYSTERECTOMY

Neuroplegic substances in combination with local anesthesia in surgery for cancer of the uterine corpus and cervix [with summary in English]. N. M Novikova. Sov. med. 25 no. 8;40-43 Ag '61

IAKUSHKIN, VIKTOR, 1829-1872

On an acquaintance of I. S. Turgenev. N Chernov Vop. lit 5 no 8 180-193 Ag '61

IAROSHENKO, NIKOLAI ALEKSANDROVICH, 1846-1898

Truth about life. D. Maslakovskii. Sem'ia i shkola 10 no. 12;15 D '61.

ICE

(see also subdivision under Antarctic regions; Caspian Sea)

Determining the reaching of the freezing point of water temperature and the depth of density mixing from the functional grid. N. P. Bulgakov. Probl. Sev. no. 4;138-144 '61.

Establish standard systems for the melting of ice loads. M. Kh Chaika Elek. i tepl. tiaga 5 no. 12;40 D '61.

ICE—MANUFACTURE

Mechanism for opening and closing ice-maker cover. I. I. Sal'kov. Khol. tekh. 38 no. 3;46 My-Je '61.

OL-25 automatic flake ice maker for food enterprises [with summary in English on page 78]. V. A. Bobkov. Khol. tekh. 38 no. 4;28-33 Jl-Ag '61.

ICE-BREAKING VESSELS see subdivision under Arctic regions

ICE CREAM, ICES, ETC.

Preparing cakes from ice cream. V. I. Grishina. Khol. tekh. 38 no. 6 49-50 N-D '61.

ICE CREAM INDUSTRY—EQUIPMENT AND SUPPLIES

Machine for removing bricks of ice cream. P. P. Motik. Khol tekh. 38 no. 6 48-49 N-D '61.

ICE CROSSINGS

Gusev, O. V. [Ice crossings] Perepravy po l'du. Leningrad, Gidrometeor. izd-vo, 1961. 10 p.

ICE ON RIVERS, LAKES, ETC.

(see also subdivision under Bratsk Hydroelectric Power Station region; Kama River; Russia, Northern; Russia, Northwestern)

Behavior of ice under load. V. V. Lavrov. Zhur. tekh. fiz. 32 no 1:101-105 Ja '62.

Criteria of the quality of methods used in forecasting ice phenomena. V. A. Spichkin. Probl. Arkt. i Antarkt. no. 9;5-15 '61.

ICE SPORTS see Winter sports

ICEBREAKERS, ATOMIC see Atomic icebreakers

ICHNEUMON FLIES see subdivision under Mongolia, Siberia

ICHTHYOLOGY see subdivision under Estonia

ICONS

From the history of early Ukrainian painting F. Umanskyi Iskusstvo 24 no 6 61-68 '61

Lazarev, V. N. [Feofan Grek and his school] Feofan Grek i ego shkola. Moskva, Gos. Izd-vo "Iskusstvo," 1961 131 p. illus

The original composition of the icon of the Vladimir Virgin. V. I Antonova Viz. vrem. 18 198 205 '61.

Retkovskaia, L. S. [The universe in early Russian art] Vselennaia v iskusstve drevnei Rusi. 1961. 20 p. 20 plates. (Moscow, Gosudarstvennyi istoricheskii muzei. Pamiatniki kul'tury, no. 33)

The study of architectural forms on certain Russian icons. A. Stolyakovich. Viz. vrem. 18 116 124 '61.

IDEALISM

General characteristic of present-day idealism and trends in its criticism A. Poltikarov Nauch. dokl. vys. shkoly; filos. nauki 4 no. 3;81-87 '61

Problem of the unity of the world in German idealism at the end of the 18th and the beginning of the 19th century. I. B. Novik. Nauch. dokl. vys. shkoly, filos. nauki 4 no. 3;149-159 '61.

IDEAS, ASSOCIATION OF see Association of ideas

IDENTIFICATION

Identification of criminals. L. Khersonskyi. Rad. pravo no 1;72-74 Jl-Ag '61

IDENTITY

Chkhaveridze, A. A. [Law of identity; a historical and logical sketch] Zakon tozhdestva, istoriko logicheskii ocherk Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 96 p

IGNIMBRITE

International symposium on ignimbrites and hyaloclastite rocks. V. I. Vlodavets. Izv. AN SSSR, Ser. geol. 27 no. 2,198-199 F '62.

IL'F, IL'IA ARNOL'DOVICH, 1897-1937

"Life has taught us" by A. Il'ifa Reviewed by A. Georgiev. Oktiabr' 36 no. 7 209 Jl '61

IL'INSHIN, VLADIMIR SERGEEVICH, 1827-

Gofman, G. B. Vladimir Il'inskii. Moskva, Voen. izd-vo M-va oborony SSSR, 1961. 42 p.

ILLUSTRATION OF BOOKS

Artist's contribution to children's format of preschool children's books in 1961. E. Kuznetsov Detskii vosp 42 no 1;119-125 Ja '62

Pakhomov, V. V. [Book art; planning illustrations for books] Knizhnoe iskusstvo; zamysel oformleniia illiustratsii. Moskva, Gos. Izd-vo "Iskusstvo." Book 1. Zamysel oformleniia. 1961. 424 p.

Vartanov, A. S. [Characters of literature in the graphic arts and motion pictures] Obrazy literatury v grafike i kino. Moskva, Izd-vo Akad. nauk SSSR, 1961 310 p.

IL'MAS, VIKTOR IANOVICH

Veteran in formation. A. Vladimirova. Neva no 12, 213-214 '61.

IL'MEN, LAKE—PLANKTON

Plankton of Lake Il'men'. M. B. Eggert. Trudy Gidrobiol ob-va 11 82-104 '61.

ILMENITE

Correlation of the magnetic properties, the specific weight, and the parameters of the elementary cell of ilmenites. V. I. Mikheev, A. I. Kalinin. Zap. LGI 38 no. 2;73-96 '61.

IMIDAZOLE

Tissue respiration and iodine metabolism in the thyroid gland of rats after a single administration of antithyroid preparations [with summary in English]. M. F. Meiklov, M. G. Khavanskaia. Farm. i tokx. 24 no 3;347-354 My-Je '61.

IMINES

Determination of cyclopentanone and cyanoimine in adiponitrile. A. S. Mnatsakanikov Zhur. prikl. khim. 34 no. 12;2800-2802 D '61

IMITATION

Significance of imitation for recognizing sound sequences [with summary in English]. L. A. Chistovich, Iu. A. Klaas, R. O. Alekin. Vop. psikhol. 7 no. 5;173 182 S-O '61.

IMMUNITY

Beliakov, V. D. [Immunogenic prophylaxis in epidemiology] Immunoprofilaktika v epidemiologii. Moskva, Medgiz, 1961. 337 p.

Changes in some factors of natural immunity in patients with leukemia; review of the literature. V. V. Akkerman, N. M. Ivanova. Probl. gemat. i perel. krovi no. 11,12-19 '61

Immunity to helminthiasis [with summary in English]. S. N. Babadzhanov. Med. zhur. Uzb. no. 8 46-53 Ag '61.

Leucocyte reaction and immunological indices in rabbits in response to the action of X-rays. T. G. Starkova and others. Med. rad. no. 7 87-88 '61.

Stimulation of nonspecific immunity by means of some bacterial polysaccharides [with summary in English]. Z. V. Ermol'eva and others. Biul. eksp. biol. i med. 52 no. 8:77-82 Ag '61.

Studying the duration of immunity to smallpox vaccine in Uzbekistan [with summary in English]. S. I. Nesmeianova and others. Med. zhur. Uzb. no. 8 65-68 Ag '61.

IMMUNOLOGY

Clinical and immunological parallels in multiple sclerosis. A. P. Zinchenko, L. A. Markova. Vest. AMN SSSR 16 no. 6:45-49 '61.

Immunological approach as a way of overcoming tissue incompatibility in homotransplantations in dogs [with summary in English]. A. V. Puza. Biul. eksp. biol. i med. 52 no. 10 100-103 O '61

Role of the sympathoadrenal system in regulating the immunogenic process. E. A. Koroneva, L. M. Khaĭ. Fiziol. zhur. 47 no. 10:1298-1305 O '61.

IMPELLERS

Self-excited vibrations of light rotors with sleeve bearings. S. I. Sergeev. Trudy VNIIKIMASH no. 4:141-161 '61.

IMPOTENCE

Mil'man, L. IA. [Clinical aspects and treatment of impotence; sexual neuroses] Klinika i lechenie impotentsii; seksual'nye nevrozy. [Leningrad] Medgiz, 1960. 134 p. (Biblioteka prakticheskogo vracha) (DNLM)

INBREEDING

Variation of fertility in inbred radish varieties [with summary in English]. S. I. Narbut. Issl. po gen. no. 1 139-146 '61

INCENDIARY BOMBS

Shevchuk, M. K. [Incendiary agents and defense against them] Zazhigatel'nye sredstva i zashchita ot nikh. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 118 p.

INCENTIVES IN INDUSTRY

V. I. Lenin on the role of the principle of self-interest in the building of socialism and communism. P. G. Bedchenko. Sbor. nauch. rab. kaf. polit. ekon. vuzov g. Khar. no. 3:131-141 '60.

INCOME
(see also subdivision under France)

Comparing the national incomes of various countries. V. M. Kudrov. Och. po. sovr. sov. i zarub. ekon. no. 1: 252-265 '60.

Recommendations on problems in national income balances made at the conference of the employees of research organizations, institutions of higher learning, planning, statistical and financial organs of the U. S. S. R. and the Union Republics, held in Erivan on October 9-12, 1961. Vop. ekon. no. 1:155-156 Ja '62.

INCOME--CONGRESSES

In the Institute of Economics of the Academy of Sciences of the Armenian S. S. R. Vop. ekon. no. 1:152-154 Ja '62.

INDEX NUMBERS (ECONOMICS)

Improve the indices of the national economic plan. A. Taranovskiĭ. Nar. khoz. Uzb. 3 no. 8:42-45 Ag '61

Measuring the rhythm of production. V. Adamov. Vest. stat. no. 1:39-47 '62.

INDIA

Republic of India Day. I. Silaev. Az. i Afr. segi. no. 1: 14-15 Ja '62

INDIA--AGRICULTURE--ECONOMIC ASPECTS

Some aspects of the agricultural economy of India. V. Singh. Ekon. Sov. Ukr. no. 4:114-119 Jl-Ag '60.

INDIA--ASTROLOGY

Doomsday did not come. Ramesh Ch. Singh. Nov. vrem. 20 no. 8:13 F '62.

INDIA--BOTANY

Indian-Soviet botanical expedition. P. I. Lapin, S. E. Korovin. Vest. AN SSSR 32 no. 1:103-109 Ja '62.

INDIA--FOREIGN RELATIONS--GREAT BRITAIN

Anglo-Sindhi relations in the first half of the 19th century; from the history of the conquest of Sind. N. A. Khalfin. Krat. soob. Inst. nar. Azii no. 45:3-17 '61.

INDIA--FOREIGN RELATIONS--RUSSIA

The East looks into the future. Subimal Datt, Jarendra Narajan Singha. Az. i Afr. segi. no. 1 3-4 Ja '62

INDIA--GEOGRAPHY, ANCIENT

Level of geographical knowledge of the ancient Indians, 3d to 1st century B. C. E. M. Medvedev. Krat. soob. Inst. nar. Azii no. 57 73-82 '61

INDIA--LABOR AND LABORING CLASSES

Gordon, L. A. [From the history of the working class of India; recent conditions of the Bombay proletariat] Iz istorii rabochego klassa Indii; polozhenie bombeĭskogo proletariata v noveĭshee vremia. Moskva, Izd-vo vostochnoĭ lit-ry, 1961 240 p.

INDIA--LANGUAGE AND LANGUAGES

Analogies between the problems and methods of contemporary linguistics in the works of ancient Indian grammars. V. N. Toporov. Krat. soob. Inst. nar. Azii no. 57: 123-133 '61.

INDIA--MONSOONS

The monsoon is here.... E. Nazarova. IUn. nat. no. 1:13 Ja '62.

INDIA--POLITICS AND GOVERNMENT

Deviatkina, T. F. [Abolition of principalities in present-day India] Likvidatsiia kniazhestv v sovremennoĭ Indii. Moskva, Izd-vo vostochnoĭ lit-ry, 1961. 134 p.

Flags over India. IU. IAsnev. Ogonek 40 no. 5:3 Ja '62.

New books on Africa, Europe, and India. IU. Finogenova. Otv. na vop. rab. no. 12 44-46 '61.

INDIA--RELATIONS (GENERAL) WITH RUSSIA

Soviet-Indian cultural cooperation. G. A. Zhukov. Nov. vrem. 20 no. 9:16-17 F '62.

INDIA--SAGO

Sago industry in India. A. Zhushman. Sakh. prom. 35 no. 12:58-59 D '61.

INDIA--TECHNICAL ASSISTANCE, RUSSIAN

Soviet Union helps friendly nations to industrialize [with English summary in appendix]. V. Bol'shakov. Vneshtorg. 42 no. 1 11-17 '62

INDIAN OCEAN--MAGNETISM, TERRESTRIAL

Work of the nonmagnetic research ship "Zaria" during the period of the International Geophysical Year. M. M. Ivanov. Biul. Okean. kom. no. 3:17-20 '61

INDIGIRKA VALLEY--GEOLOGY, STRATIGRAPHIC

Stratigraphy and some characteristics of the formation of Quaternary sediments in the lower Indigirka River. IU. A. Lavrushin. Izv. AN SSSR, Ser. geol. 27 no. 2:73-87 F '62.

INDIUM ARSENIDE

Certain properties of the Cd_3nAs_2 semiconductor, an electron analog of indium arsenide. N. A. Goriunova, S. Mamaev, V. D. Prochukhan. Dokl. AN SSSR 142 no. 3:623-626 Ja '62.

INDIUM ARSENIDE--MAGNETIC PROPERTIES

Quantum galvanomagnetic effects in n-InAs [with summary in English]. Kh. I. Amirkhanov, R. I. Bashirov, IU. E. Zaĭtov. Zhur. eksp. i teor. fiz. 41 no. 6: 1699-1703 D '61.

INDONESIA--CONSTITUTION

Establishment of the independent Indonesian state and the Constitution of 1945. L. IA. Dadiani. Uch. zap. IMO no. 3:122-155 '61.

INDONESIA--ECONOMIC POLICY

Indonesia plans its future. V. Arkhipov. Az. i Afr. segi. no. 1: 13-15, 19 Ja '62.

INDONESIA--FIELD CROPS

Plant breeding in Indonesia. D. V. Ter-Avanesian, V. A. Gulinov. Vest. sel'khoz. nauki 6 no. 11:144-151 N '61.

INDONESIA--FOREIGN RELATIONS

The Indonesian question in the U. N., 1946-1960. A. S. Shin. Krat. soob. Inst. nar. Azii no. 45:96-110 '61.

INDONESIA--PLANT BREEDING

Plant breeding in Indonesia. D. V. Ter-Avanesian, V. A. Gulinov. Vest. sel'khoz. nauki 6 no. 11:144-151 N '61.

INDONESIA--STEEL INDUSTRY

Prospects for creating ferrous metallurgy in Indonesia. V. Arkhipov. Mir. ekon. i mezhdunar. otn. no. 1:119-120 Ja '62.

INDUCTION HEATING

Response to M. S. Zarudi's article "Centralized feeding of high frequency systems." K. A. Pavliuk. Prom. energ. 16 no. 7:57-58 Jl '61.

Use of an induction method for drying the networks of electrical machines. V. A. Liubomudrova. Prom. energ. 15 no. 7:15 Jl '60.

INDUSTRIAL ACCIDENTS
(see also subdivision under France)

Evaluation of industrial injury to workers of the electron vacuum tube industry. E. I. Gol'dman. Zdrav. Ros. Feder. 5 no. 12:18-22 D '61.

INDUSTRIAL BUILDINGS

Elements of earthquakeproof industrial buildings with mounted panel walls. M. G. Korf, V. I. Den'shchikov. Trudy TSNIISK no. 6 111-153 '61.

New types of industrial buildings. B. Orlovskiĭ. NTO 3 no. 12:26-27 D '61.

Strengthening reinforced concrete elements of a frame for a multistory industrial building. V. N. Marakulin. Sbor. nauch. trud. TISI 8:37-44 '61.

INDUSTRIAL CAPACITY
(see also subdivision under United States)

Danilov, P. S. [Capital assets and productive capacity of industrial enterprises and how to use them to the best advantage] Osnovnye fondy i proizvodstvennye moshchnosti promyshlennykh predpriiatiĭ i puti ikh luchshego ispol'zovaniia. Moskva, Izd-vo ekon. lit-ry, 1961. 75 p. (Ekonomicheskoe samoobrazovanie)

INDUSTRIAL COSTS see Costs, Industrial

INDUSTRIAL DESIGN see Design, Industrial

INDUSTRIAL EFFICIENCY see Efficiency, Industrial

INDUSTRIAL ELECTRIC TRUCKS

Automatic coupling for industrial electric trucks. F. F. Gradov. Khol. tekh. 38 no. 6 45-47 N-D '61.

INDUSTRIAL EQUIPMENT

Bikchentai, R. N., G. S. Lopolan, and B. P. Porshakov. [Use of gas turbine systems in industry] Primenenie gazoturbinnykh ustanovok v promyshlennosti. Moskva, Gosinti, 1959. 147 p.

INDUSTRIAL EQUIPMENT--INVENTORIES

Verifying and analyzing census data on uninstalled equipment. P. Zaĭtser. Vest. stat. no. 1:52-58 '62.

INDUSTRIAL EQUIPMENT--MAINTENANCE AND REPAIR

Planned precautionary repairs in the machinery industry. A. S. Baturin. Mashinostroitel' no. 1 43 Ja '62.

INDUSTRIAL EQUIPMENT--TECHNOLOGICAL INNOVATIONS

[Technology calls] Tekhnika zovet. [Moskva] Mosk. rabochiĭ, 1961. 194 p.

INDUSTRIAL HYGIENE

Ivanovich, L. S., and K. I. Sienko. [Stories on activists in industrial safety] Rasskazy ob aktivistakh okhrany truda. [Moskva] Izd-vo VTsSPS, Profizdat, 1961. 110 p.

This helps us to work more effectively. B. A. Dushkov. Mashinostroitel' no. 1:40-41 Ja '62.

Work on raising the standards of school doctors in the fields of industrial hygiene and professional medical consultation for school children. E. S. Rutenburg. Zdrav. Ros. Feder. 5 no. 12:11-14 D '61.

INDUSTRIAL MANAGEMENT
(see also subdivision under France, Ukraine; Uzbekistan)

Conduct systematically a technical and economic analysis of operations in every enterprise. I. I. Poklad. Izv. vys. ucheb. zav. ; tekh. tekst. prom. no. 6:11-15 '61

For an efficient expenditure of electric power in all branches of the industry. I. A. Samukha. Prom. energ. 16 no. 7:4-5 Jl '61.

How to solve the problem of the optimal management of chemical enterprises. L. M. Dudkin. Vest. Mosk. un. Ser. 6:Ekon., filos. 17 no. 1:18-26 Ja-F '62.

Improving the quality of the product is an important means of making production more economical. P. Borovskiĭ. Vop. ekon. no. 1:140-145 Ja '62.

Indisputable law of economic development. Kommunist 38 no. 3:6-14 F '62.

Measuring the rhythm of production. V. Adamov. Vest. stat. no. 1:39-47 '62.

Supplying credit for the purchase of new machinery. K. Arasianov. Den. i kred. 20 no. 1:61-65 Ja '62.

V. I. Lenin on the basic principles of the organization of the management of the socialist economy. O. M. Vasil'ev. Sbor. nauch. rab. kaf. polit. ekon. vuzov g. Khar. no. 3:56-68 '60.

INDUSTRIAL MEDICINE see Medicine, Industrial

INDUSTRIAL MUSEUMS see subdivision under Moscow

INDUSTRIAL ORGANIZATION
(see also subdivision under Armenia)

Indices of specialization and continuity of industrial processes in the press forging of metals. I. L. Perlin. Izv. vys. ucheb. zav. ; tsvet. met. 4 no. 3:148-152 '61.

Some problems of industrial organization in modern open-hearth plants. I. I. Kobyliakov. Izv. vys. ucheb. zav. ; chern. met. 4 no. 12:185-190 '61.

INDUSTRIAL ORGANIZATION—CONGRESSES

[Specialization and cooperation in industry; collection of materials of the conference held in Riga on July 7-9, 1960] Problemy spetsializatsii i kooperirovaniia v promyshlennosti, sbornik materialov soveshchaniia, sostoiavshegosia v Rige 7-9 iiulia 1960 g Riga, Izd-vo Akad. nauk Latviiskoi SSR, 1961. 174 p.

INDUSTRIAL PAINTING see Painting, Industrial

INDUSTRIAL PROCUREMENT—ACCOUNTING

Volkov, S. I. [Accounting for the receipt and storage of materials] Uchet postypleniia i khranenila materialov. Moskva, Gosfinizdat, 1961 94 p. (Bibliotechka bukhgaltera)

INDUSTRIAL RESEARCH see Research, Industrial

INDUSTRIAL SAFETY

Arkhangel'skii, IU. A. [Training in labor safety] Obuchenie bezopasnym priemam truda. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp i shossei-nykh dorog RSFSR, 1961. 46 p. (Tekhnika bezopasnosti na avtotransporte)

Classification of premises adjacent to explosion hazards. I. I. Rakovich. Prom. energ. 16 no. 6: 38-41 Je '61.

Consultations. Bezop truda v prom. 5 no. 12: 34 D '61.

Gimein, S. M. [You should know safety regulations] Znat' tekhniku bezopasnosti! [Moskva] Mosk. rabochii, 1961. 28 p. (Sovety molodomu mekhanizatoru)

Hazard classification of areas in coal preparation and transportation enterprises V. S Khmelevskii. Prom energ. 16 no. 7: 45-46 Jl '61.

How fellow workers' courts prevent the violation of industrial safety rules. IU. Verbenko, I. Lanovenko. Rad. pravo no. 4: 38-42 Jl-Ag '61.

Labor Protection Day. I. Gomozov. Mosl. prom. i khud. promys. 2 no. 7 24 Jl '61.

Readers' letters. IU Kurenyshev and others. Bezop. truda v prom. 5 no. 12 33 D '61.

Safety and operation regulations for the electric systems of industrial enterprises. Prom. energ 16 no 7: 52-55 Jl '61.

INDUSTRIAL SAFETY—BIBLIOGRAPHY see Bibliography—Industrial safety

INDUSTRIAL TELEVISION

Television broadcast from "Vulkan." L Davydov. Tekh. mol 29 no. 12 3-4 '61.

Use of television apparatus in the systems of automatic control of production processes. A. B. Levit Tekh. kino i telev. 6 no. 1: 23-31 Ja '62.

INDUSTRIAL TOXICOLOGY

Grajsianskaia, L. N., and G. E. Rozenlyvl. [Clinical aspects of occupational neurotoxicoses] Klinika professional'nykh neirotoksikozov. [Leningrad] Medgiz, 1961. 198 p. (Biblioteka prakticheskogo vracha) (DNLM)

INDUSTRY—ABSTRACTS

[Economics of industry] Ref. sbor.: Ekon. prom. no. 1 Ja '62.

INDUSTRY—BIBLIOGRAPHY see Bibliography—Industry

INEQUALITIES (MATHEMATICS)

Inequalities for harmonic polynomials. IA. S. Bugrov. Izv. vys. ucheb. zav. mat. no. 1: 73 '62.

INFANTILE PARALYSIS see Poliomyelitis

INFANTRY DRILL AND TACTICS

Relay race in tactics and firing. I. Penchevskii. Voen. vest. 41 no. 9: 77-78 S '61.

INFANTS—DISEASES

Clinical aspects and course of Botkin's disease in children during the first year of life [with summary in English]. I. G. Shilenok. Sov. med. 25 no. 9: 76-79 S '61.

Cytomegaly. I. S. Levenbuk. Vop. virus. 6 no. 5: 517-520 S-O '61.

Pathogenesis of secondary toxicoses in diseases caused by conditionally pathogenic intestinal microbes. M. N. Paisevich. Pediatriia no. 1: 25-32 '62.

Treatment of intestinal toxicoses in infants. E. A. Garber, L. M. Bilas. Pediatriia no. 1: 33-34 '62.

Use of mycerin in treating pneumonia in infants [with summary in English]. V. M Marchenko. Sov. med. 25 no. 10: 92-95 O '61.

INFANTS—NUTRITION

Korobkina, G. S. [Canned food and food concentrates for infants and the sick] Konservy kontsentraty v detskom i dieticheskom pitanii. Moskva, Gos. izd-vo torg. lit-ry, 1961. 79 p.

INFANTS (NEWBORN)

Characteristics of electrical activity of the cerebral cortex in the newborn under various conditions [with summary in English]. I. I. Gokhblit. Biul. eksp. biol i med. 52 no. 8: 12-17 Ag '61

INFANTS (NEWBORN)—DISEASES

Annular pancreas causing duodenal obstruction in a newborn infant. A. K. Gol'dgammer Vest khir no. 1: 142-143 '62.

Congenital leukosis in a 2-day-old infant. L N Artemkina, V. F. Ombrados, A F. Sorokin Probl. gemat i perel krovi no 2 47-51 '62.

Listeriosis in newborn infants. M D. Ageichenko, IU V Gul'kevich Arkh pat no 1 17-23 '62

Morphology of umbilical sepsis at different periods during the use of antibiotic therapy on nursing infants [with summary in English]. V M. Afanas'eva. Pediatriia no. 1: 15-20 '62.

Pneumocystis carinii as the etiological factor in interstitial pneumonia of newborn infants [with summary in English]. O. Jirovec, J. Vanek. Sov. med 25 no 10: 16-23 O '61.

INFANTS (NEWBORN)—MORTALITY

Pathomorphological changes in stillborn and dead newborn infants during prolonged dry labor [with summary in English]. D. B. Veksler. Vop. okh. mat. i det. 6 no. 6: 49-56 Ag '61.

Some results of international conferences on perinatal mortality. Vop. okh. mat. i det. 6 no. 8: 90-91 Ag '61

INFANTS (PREMATURE)—MORTALITY

Incidence, causes of prematurity and early death of premature children [with summary in English]. A. I. Egorova. Pediatriia 40 no. 12: 12-15 D '61.

INFANTS (STILL-BORN) see Stillbirth

INFINITE PRODUCTS see Products, Infinite

INFLAMMATION

Antiedematous action of certain medicinal preparations in aseptic inflammation [with summary in English]. B. A. Chirkov. Farm. i toks. 24 no. 3: 315-318 My-Je '61.

C-reactive protein as an index of the activity of the inflammatory process in some diseases [with summary in English]. F. M. Pashinin. Sov. med 25 no. 6: 61-66 Je '61.

Role of inflammation in the mechanism of carcinogenic, cocarcinogenic and some anticarcinogenic effects. L. S. Saliamon. Vop. onk. 7 no. 5: 63-71 '61.

INFLUENZA
(see also subdivision under Dnepropetrovsk)

Active immunization against influenza in organized groups during the 1959 epidemic. IA. Kh. IAfaev, G. M Dokuchaev, L. A. Ogneva Vop virus. 6 no. 5 630 S-O '61.

Case of human sensitization to dry antiinfluenza serum following its administration through the upper respiratory passages. K. M. Chelysheva Vop. virus. 6 no. 5: 628 S-O '61.

Clinical and virological study of influenza during the 1959 winter outbreak. E. S. Kitoladze and others. Vop. virus. 6 no. 5: 629 S-O '61.

Dissemination of the vaccinal strain of influenza virus among contacts with vaccinated subjects [with summary in English]. O. V. Baroian, V. M. Bolotovskii, V. G. Slepushkina. Vop virus 6 no. 5: 587-590 S-O '61.

Immunological effectiveness of vaccine against influenza. L M. Agafonova. Vop. virus. 6 no. 5: 627 S-O '61.

Inter-institute conference on influenza. A. S. Gorbunova. Vop. virus. 6 no 5: 634-635 S-O '61.

Pathogenesis of influenza in the light of pathophysiological studies [with summary in English]. A D. Ado and others. Vrach. delo no. 6: 108-115 Je '61.

Specific seroprophylaxis for influenza in an organized group. R. Kh IAfaev, G. M. Dokuchaev. Vop. virus. 6 no 5: 627-628 S-O '61.

Study of labyrinthine syndromes of influenzal origin. V. Rakoveanu and others. Vest otorin. no. 6: 67-72 '61.

INFLUENZA—MICROBIOLOGY

Distribution of the influenza virus in various organs in experimental infection. N. V. Novikova. Vrach. delo no. 6: 105-108 Je '61.

INFORMATION STORAGE AND RETRIEVAL SYSTEMS

Electronics and coal transportation. I. Ubaidullaev. Nar. khoz. Uzb. 4 no. 1: 70-72 Ja '62.

INFORMATION THEORY

Concerning the application of the theory of dynamic programming to a problem on the registration of the level of weak signals using inertial dynamic systems in the presence of noise. IU. B. Sindler. Radiotekh. i elektron. 7 no. 1: 161-164 Ja '62.

Concerning the evaluation of the frequency and moment of arrival of a signal with unknown parameters in the presence of white noise. V. I. Bunimovich, V. A. Morozov. Radiotekh. i elektron. 7 no. 1: 48-52 Ja '62.

Detection of a signal with a variable frequency from noise R. L. Stratonovich. Radiotekh. i elektron 7 no. 2: 187-194 F '62

Efficiency and interference rejection indices of a communication system with a random operator. A. I. Ressin. Radiotekh i elektron 7 no 1: 7-15 Ja '62.

Expression of Wald's distribution through a normal distribution. K. Sh Zigangirov. Radiotekh. i elektron. 7 no 1: 164-166 Ja '62

Linear coding of messages. B. S. TSybakov. Radiotekh i elektron 7 no. 1: 25-38 Ja '62.

Obrieimov, I. V. [Digital coding of a scientific concepts O tsifrovom kodirovanii nauchnykh poniatii. Moskva, Izd-vo Akad. nauk SSSR, 1961. 26 p.

INFORMATION THEORY IN PSYCHOLOGY

Use of information theory in concrete psychological studies, contemporary studies on choice reaction [with summary in English]. A N. Leont'ev, F. P. Krinchik. Vop psikhol. 7 no. 5: 25-46 S-O '61

INFRARED SPECTRUM see Spectrum, Infrared

INFUSORIA

Demonstrating the infusoria in zoology classes. I. I. Liventsev. Biol. v shkole no. 1: 84 Ja-F '62.

INGULETS VALLEY—IRRIGATION CANALS AND FLUMES

Filtration from the main canal of the Ingulets irrigation system V. E. Alekseevskii Gidr i mel 14 no 2 23-27 F '62

INHALATION THERAPY

Oxygen inhalations in the treatment of scleroma [with summary in English]. K P Dergun. Zhur. ush., nos. i gort bol 21 no 5: 41-44 S-O '61.

INHERITANCE AND SUCCESSION

Inheritance laws should contribute to the solution of present-day problems. E. Belilovskii. Sots. zakon. 33 no. 12: 56-59 D '61.

Legal forms of the establishment of inheritance rights. V. Kozlovs'kyi, E. Ilinevych. Rad. pravo no. 4: 132-133 Jl-Ag '61.

INIUSHIN, M. V.

"Svyr' - Irtysh" by M. Iniushin. Reviewed by V. Rudin. Neva no. 6: 198-200 '61.

INJURIES FROM ELECTRICITY see Electricity, Injuries from

INLAND NAVIGATION
(see also subdivision 'Navigation' under Onega Lake; Volga-Don Canal; Volga River)

"History of the Great Patriotic War of the Soviet Union; 1941-1945, vol. 2" Reviewed by S. Edinskii. Rech. transp. 20 no. 11: 58-60 N '61.

INLAND WATER TRANSPORTATION
(see also subdivision under Kazakhstan)

In the Technical Council of the Ministry of the River Fleet. Rech. transp. 20 no. 11: 48-49 N '61.

We will carry out the decisions of the 22d Congress of the CPSU. Rech. transp 20 no. 11: 1-4 N '61.

INLAND WATER TRANSPORTATION—EMPLOYEES

Consultation. E. Zaidman, L. Strel'nikova. Rech. transp. 20 no 11: 50-51 N '61.

In the Collegium of the Ministry of the River Fleet. Rech. transp. 20 no. 11: 47 N '61.

INLAND WATER TRANSPORTATION—LABOR PRODUCTIVITY

Method for planning labor productivity in river transportation. S. Siutskii. Biul. nauch. inform. trud i zar. plata 4 no. 12: 3-9 '61.

INOCULATION see Vaccination

INSCRIPTIONS

Pages of history rise from the dead. V. Ustinov. Znan. ta pratsia no. 1: 20-21 Ja '62.

INSCRIPTIONS, GREEK see subdivision under Korch

INSCRIPTIONS, SANSKRIT

"Ahole"; based on the Maurya inscription. G. M. Bongard-Levin. Krat. soob. Inst. nar. Azii no. 57: 10-20 '61.

INSECT BAITS AND REPELLENTS

Combined method for protecting man from bloodsucking insects. O. V. Smirnov, A. P. Bocharov. Voen.-med. zhur. no. 7: 48-49 Jl '61.

Repellent and acaricide action of kluzols on Siberian ticks and mosquitoes. N. I. Rinbov, O. S. Sakovich. Voen.-med. zhur. no. 7: 50-53 Jl '61.

INSECT TRAPS

Light trap for insects. D. T. Zhogolev. Voen.-med. zhur. no. 7: 88 Jl '61.

INSECTICIDES

Insecticidal properties of some pyrazolyl carbamates. E. V. Avdeeva and others. Vest. Mosk un. Ser. 6 Biol, pochv. 16 no. 6, 19-25 N-D '61.

Organization of control of insects harmful to man in the Armed Forces of the U. S. A. B. P. Fedisev. Voen-med. zhur. no. 7, 89-92 Jl '61.

INSECTS—DEVELOPMENT

Effect of temperature on the development of gypsy moth embryos (Ocernia dispar L.) in Moscow Province. V. I. Benkevich. Sbor. rab. po ekol. i sist. zhiv. no. 1: 52-81 '59.

Light as a factor regulating the development cycle of the Chinese tussah moth (Antheraea pernyi Guer.) B. N. Berkina. Sbor. rab. po ekol. i sist. zhiv. no. 1: 73-79 '59.

INSECTS, INJURIOUS AND BENEFICIAL (see also subdivision under White Russia)

Observations on bloodsucking insects and their daily activity in the Komi A. S. S. R. E. N. Gabova. Trudy Komi fil. AN SSSR no. 9: 92-95 '60

"Pests of the fields, gardens and forests" by K. A. Shmigovskii, V. I. Gusev. Reviewed by A. A. IAkhontov. Biol. v shkole no. 1: 88-91 Ja-F '62.

INSECTS, INJURIOUS AND BENEFICIAL—BIOLOGICAL CONTROL

Use of entomopathogenic fungi in the control of insect pests. A. A. Evlakhova. Bot. zhur. 46 no. 12: 1774-1780 D '61.

INSOMNIA

Ivanova, T. I., Z. A. Kirillova, and L. IA. Rabichev, [Insomnia, treatment and prevention] Bessonnitsa; lechenie i preduprezhdenie. Moskva, Medgiz, 1960. 36 p. (Nauchno-populiarnaia meditsinskaia literatura) (DNLM)

Using dimedrol as a soporific and sedative in the treatment of neuroses and neurotic states with disturbance of sleep. Z. B. Lysenko. Vrach. delo no. 6, 75-76 Je '61.

INSTRUMENT INDUSTRY see subdivision under Leningrad

INSTRUMENT INDUSTRY—TECHNOLOGICAL INNOVATIONS see subdivision under Ukraine

INSTRUMENT MANUFACTURE

Modern trends in the development of the instrument industry. A. I. Grishin and others. Priborostroenie no. 1: 1-5 Ja '62.

INSTRUMENTAL MUSIC—INSTRUCTION AND STUDY

From the experience of the music school. A. Silkin. Sov. muz. 25 no. 8: 86-87 Ag '61.

INSTRUMENTS see subdivision under Germany, East

INSTRUMENTS—BIBLIOGRAPHY see Bibliography—Instruments

INSULATING OILS

Transformer oil for electric locomotives. G. D. Merkur'ev. Elek. i tepl. tiaga 5 no. 12: 30-30 D '61.

INSULATING OILS—DRYING

Automatic drying of transformer oils. A. G. Zhitskii. Elek. i tepl. tiaga 6 no. 1: 16-17 Ja '62.

INSULATION (ELECTRIC) see Electric insulators and insulation

INSULATION (HEAT)

Distribution of heat insulation along a pipeline. P. I. Tugunov, V. S. IAblonskii. Izv. vys. ucheb. zav. neft' i gaz 4 no. 6: 105-109 '61.

Semiconductor heat-transfer intensifiers and heat insulators. V. S. Martynovskii, V. A. Naer. Khol. tekh. 38 no. 3: 4-7 My-Je '61.

INSULIN

Change in the glycogen content in the liver and in the muscles of chick embryos under the influence of insulin introduced into the blood. L. G. Leibson and others. Fiziol. zhur. 47 no. 7: 900-905 Jl '61.

Secretion of insulin in disorders of liver function. M. P. Belovintseva. Fiziol. zhur. 47 no. 12: 1484-1489 D '61.

INSULIN SHOCK THERAPY

Insulin resistance. L. N. Anosova. Klin. med. no. 1: 104-111 '62.

INSURANCE

State insurance. L. Makhneva. Otv. na vop. trud. no. 2: 14-16 '61.

INTAGLIOS

A Chionite intaglio. B. Staviskii. Soob. Gos. Erm. no. 20: 54-56 '61.

INTEGRAL CALCULUS see Calculus, Integral

INTEGRAL EQUATIONS

Asymptotic behavior of the distribution of maximum deviations. V. S. Koroliuk. Dokl. AN SSSR 142 no. 3: 522-525 Ja '62

Asymptotic solutions for a class of integral equations. T. L. Perel'man. Dokl. AN BSSR 5 no. 12: 536-540 D '61.

Conversion of some two-dimensional singular integral equations. A. Dzhuraev. Dokl. AN Tadzh. SSR 4 no. 4: 9-12 '61.

Solution of the fundamental boundary value problem for a fourth order polyharmonic equation on a surface using the method of potentials. Part 4. O. I. Panich. Izv. vys. ucheb. zav.: mat. no. 1: 118-129 '62

Solution to the "key" problem of diffraction on an ideally conducting plate. V. N. Kuritsyn. Zhur. tekh. fiz. 31 no. 12: 1486-1490 D '61.

Stability of the solution of an infinite system of algebraic equations obtained in the approximation of linear integral Volterra equations. V. R. Vinokurov. Izv. vys. ucheb. zav.: mat. no. 1: 100 '62.

Theory of a general boundary problem of linear conjugation. L. G. Mikhailov. Dokl. AN Tadzh. SSR 4 no. 4: 3-7 '61

Variety of nonsteady-state kinetic equations in the aerodynamics of rarefied gases [with summary in English]. B. V. Filippov. Vest. LGU 17 no. 1: 142-146 '62.

Variety of Stephan's problem. L. I. Rubinshtein. Dokl. AN SSSR 142 no. 3: 576-577 Ja '62.

INTEGRODIFFERENTIAL EQUATIONS

Relations between equations in the kinetic theory of gases [with summary in English]. V. A. TSibarov. Vest. LGU 17 no. 1: 147-151 '62.

INTELLECT

Charles Darwin on the qualities of mind of the scientist [with summary in English]. N. F. Lysenko. Voppsikhol. 7 no. 5: 154-158 S-O '61.

INTELLECTUALS

Khozhaev, E. [The communist intelligentsia and its role in the building of communism] Sovet intelligentsiiasy ve kommunistik gurlushykda onuń roly. Ashgabat, 1961. 43 p. [In Turkmen]

INTER-AMERICAN CONFERENCES

Cuba--yes, yes, yes! K. Nepomniashchii. Ogonek 40 no. 1.4-5 Ja '62

INTERCHANGEABLE MECHANISMS—STANDARDS

Standardization in the field of interchangeability. V. V. Doschatov. Standartizatsiia 26 no. 1: 20-22 Ja '62.

INTERCONNECTED ELECTRIC UTILITY SYSTEMS see subdivision under Europe; Kazakhstan

INTERCOSTAL NERVES see Nerves, Intercostal

INTERIOR DECORATION

Polymerized building and finishing materials. V. G. Koshkin. Sbor. trud. VNIINSM no. 2: 18-34 '60.

Promenyts'kyi, K. K. [Art in our everyday life] Mystetstvo v nashomu pobuti. Kyiv, 1961. 50 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 8, no. 18)

INTERNAL FIXATION IN FRACTURES

Intraosseous fixation of clavicular fractures with a nail. N. A. Anan'ev, T. N. Khomiak. Sov. med. 25 no. 10: 125-126 O '61.

INTERNAL MEDICINE see Medicine, Internal

INTERNATIONAL ARBITRATION see Arbitration, International

INTERNATIONAL ASSOCIATION OF LEGAL SCIENCE

Annual meeting of the International Association of Legal Science. Sov. gos. i pravo 32 no. 1: 116-121 Ja '62.

INTERNATIONAL COMPETITION see Competition, International

INTERNATIONAL GEOPHYSICAL YEAR, 1957-1958

Belousov, V. V., and B. I. Silkin. [A year devoted to the planet] God, posviashchennyi planete. Moskva, Izd-vo "Znanie," 1961. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 12, Geologiia i geografiia, no. 21)

[MICROFILM]

Work results of the program of the International Geophysical Year in the international geophysical cooperation in the northeastern U. S. S. R. N. K. Kitukin, Kraeved. zap. Mag. obl. kraeved. muz. no. 3: 109-117 '60.

World center of data on the International Geophysical Year. Izv. AN Azerb. SSR. Ser. geol.-geog. nauk i nefti no. 5: 184-185 '61.

World Data Center of the International Geophysical Year. Izv. AN Arm. SSR. Geol. i geog. nauki 14 no. 5: 67-68 '61.

INTERNATIONAL LAW

Anzilotti, Dionisio. [International law course] Kurs mezhdunarodnogo prava. Pod red. i s predisl. D. B. Levina. Moskva, Izd-vo inostr. lit-ry.

Vol. 1. [Preface and general theory. Translated from the Italian] Vvedenie - Obshchaia teoriia. 1961. 446 p.

Let's enhance the role of international law in the struggle for peace. P. Nedbailo, K. Zabihailo. Rad. pravo no. 4: 138-141 Jl-Ag '61

Peaceful solution of international conflicts is an important principle of international law. G. V. Sharmazanashvili. Sov. gos. i pravo 32 no. 1: 71-79 Ja '62

"Problems of international law; collected articles of the specialists in international law of the people's democracies." Reviewed by D. B. Levin. Sov. gos. i pravo 32 no. 2: 130-133 F '62

"Sources of present-day international law" by N. M. Minasian. Reviewed by V. N. Durdenevskii, M. I. Lazarev. Sov. gos. i pravo 32 no. 1: 125-127 Ja '62.

INTERNATIONAL RELATIONS—BIBLIOGRAPHY see Bibliography—International relations

INTERNATIONALISM

International nature of the work of the CPSU. N. M. Nikol'skii, V. I. Menzhinskii. Vop. ist. KPSS 6 no. 1: 151-163 '62

INTERPARLIAMENTARY UNION

Soviet parliamentary group in the Inter-Parliamentary Union. V. L. Shvetsov. Sov. gos. i pravo 32 no. 1: 61-70 Ja '62.

INTESTINAL AND PARASITIC WORMS see Worms, Intestinal and parasitic

INTESTINES

Effect of cobalt chloride on smooth musculature of the intestine [with summary in English]. G. I. Gorshkov, D. T. Kozakov, R. A. Kiriukhin. Farm i toks 24 no. 3: 338-342 My-Je '61.

Materials on parietal digestion. Report No. 3. Comparison of enzymatic hydrolysis of starch in the intestine and in vitro [with summary in English]. A. M. Ugolev. Biul. eksp. biol. i med. 52 no. 8: 9-12 Ag '61.

Some data on intestinal paresis in experimental peritonitis [with summary in English]. O. S. Kochnev. Biul. eksp. biol. i med. 52 no. 10: 54-57 O '61.

INTESTINES—DISEASES

Anemias of intestinal origin. E. I. Atakhanov. Terap. arkh. 33 no. 8: 52-59 '61.

Detection of salmonelloses in a group of acute gastrointestinal diseases. M. G. Kudriavtsev, B. A. Chukhlovin. Voen.-med. zhur. no. 7: 47-48 Jl '61.

Dyskinetic disorders of the gastrointestinal canal in intoxications in infants [with summary in English]. V. I. Zuzanova. Vop. okh. mat. i det. 6 no. 8: 44-48 Ag '61.

Pathogenesis of secondary toxicoses in diseases caused by conditionally pathogenic intestinal microbes. M. N. Patsevich. Pediatriia no. 1: 26-32 '62.

Problems in the pathology and treatment of children with disorders of water - salt metabolism in acute intestinal infections. N. V. Vorotynitseva. Pediatriia no. 1: 20-27 '62.

Protective properties of immune colisera. P. V. Zadvornik. Zdrav. Tadzh. 8 no. 5: 17-20 S-O '61.

Recovery in anthrax lesions of the intestine. V. N. Lebedev. Sov. med. 25 no. 7: 134-138 Jl '61.

Treatment of intestinal toxicoses in infants. E. A. Garber, L. M. Bilas. Pediatriia no. 1: 33-34 '62.

INTESTINES—INNERVATION

Differentiation of the effect of chemical stimuli on the receptors and on the sensory fibers of the small intestine. L. A. Baraz, V. M. Khaiutin. Fiziol. zhur. 47 no. 10: 1269-1207 O '61.

Interdependence of the motor function of the intestine and the gradient of its nerve elements [with summary in English]. L. D. Maslennikova. Biul. eksp. biol. i med. 52 no. 8: 117-123 Ag '61.

Relationship of local and general vascular reactions in connection with the intensity of the stimulation of the small intestine's chemoreceptors. V. A. Levtov, S. S. Maslashchikova. Fiziol. zhur. 47 no. 12: 1477-1483 D '61.

INTESTINES—INTUSSUSCEPTION

Rare case of invagination. V. S. Topuzov. Vest. khir. no. 1: 143-144 '62.

INTESTINES—MOTILITY

Effectiveness of exercise therapy in the compound treatment of dyskinesia of the large intestine. S. V. Bazanova. Vop. kur., fizioter. i lech. fiz. kul't. 26 no. 6: 509-513 N-D '61.

INTESTINES—OBSTRUCTIONS

Case of extensive resection of the intestine in acute intestinal obstruction. V. M. Pronin, I. G. Dobrovitskii. Voen.-med. zhur. no. 7: 85-86 Jl '61.

INTESTINES — OBSTRUCTIONS (Continued)

Complication of strangulated hernia. V. A. Zhuravlev. Vest. khir. no 5:135 '61.

Histopathology of the central nervous system and morphological changes in certain organs of the abdominal cavity during acute intestinal obstruction in experimental animals. B. A Akhundzhanov. Med. zhur Uzb no 7 43-49 Jl '61.

Intestinal obstruction under conditions of an urban hospital. M. A. Kozlov. Sov. med. 25 no 9:137-138 S '61.

INTESTINES—RADIOGRAPHY

Effect of general Co^{60} irradiation on the ribonucleic and desoxyribonucleic acid content in the wall of the small intestine of animals [with summary in English]. P. M Beliaev Med rad no 9 31-38 '61.

INTESTINES—SURGERY

Applying end-to-side intestinal anastomosis with the aid of an apparatus. T. V. Kalinina. Vest. khir. no. 5: 131-134 '61.

Formation of an esophageal-intestinal anastomosis. V. G. Borisov Vest khir no 7 87-89 '61.

Surgical treatment of ulcerative colitis [with summary in English] S. M. Agzamkhodzhaev Med. zhur. Uzb no. 8: 31-35 Ag '61.

INTESTINES—TUMORS

Bleeding leiomyoma of the small intestine. P. F. IAtskovets Vest khir no 7 123-124 '61

INTOXICANTS see Stimulants

INTRACRANIAL ANEURYSMS

Clinical aspects of rupture of aneurysms of the basis-cerebri. F. A. Saburenko. Med. zhur. Uzb. no. 6:36 Je '61.

INTRAOCULAR PRESSURE

Effect of pilocarpine and atropin on the size of the pupil and intraocular pressure in rabbits in normal conditions and in disorders of the innervation of the eye. N. V. Bekauri and others. Fiziol. zhur. 47 no. 7:821-825 Jl '61.

INTRATRACHEAL ANESTHESIA

Analysis of the results of using intubation anesthesia with relaxants. F. R. Chernikhovskii. Vest. khir. no. 7: 97-102 '61.

Intratracheal anesthesia in otorhinolaryngology. V. K. Gadzaov, A. I. Shutov. Zhur. ush., nos. i gorl. bol. 21 no. 4:70-71 Jl-Ag '61.

Potentiated surface gas anesthesia with uninterrupted curarization in surgical intervention in traumatology. B. A. Poliianskii, P. P. Bulgakov, L. M. Nosov. Sov. med. 25 no. 8:123-127 Ag '61.

Two cases of laryngeal edema requiring tracheostomy after intubation anesthesia. I. K. Rochegov, V. I. Zak. Vest. khir. no. 1:128-129 '62.

INTRAVENOUS ANESTHESIA

Introductory intravenous anesthesia with Lithinil. IU. B. Nochaev, N. I. Butinova, E. V. Sgibneva. Vest. khir. no. 1:99-104 '62.

Some characteristics of intravenous steroid anesthesia. T. G. Ershova. Vest. khir. no. 5:94-99 '61.

INVARIANTS, DIFFERENTIAL see Differential invariants

INVENTORIES
(see also subdivision under White Russia)

Russia (1917- R. S. F. S. R.) Laws, statutes, etc. [Handbook on the taking of inventory of fixed assets in housing and municipal economy] Spravochnik po inventarizatsii osnovnykh fondov zhilishchno-kommunal'nogo khoziaistva, sbornik vazhneishikh postanovlenii, instruktsii, prikazov i rasporiazhenii po inventarizatsii (po sostoianiiu na 1 ianvaria 1960 g.) Izd. 3., ispr. i dop. Sost. V. G. Petropavlovskii. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1961. 378 p.

INVENTORS

Kochetkov, G. P., comp. [People with keen thoughts] Liudi pytlivoi mysli. [Moskva, Izd-vo "Sovetskaia Rossiia," 1961] 244 p.

INVESTMENTS, AMERICAN see subdivision under Europe, Western

INVESTMENTS, FOREIGN
(see also subdivision under Soviet Central Asia; United States)

Critical evaluation of the Neo-Kantian theories of capital exports. G. G. Chibrikov. Vest. Mosk. un. Ser. 6:Ekon., filos. 17 no. 1:28-39 Ja-F '62.

IAnchenko, S. E. [Capital exports; textbook] Vyvoz kapitala; uchebnoe posobie. Minsk, Izd-vo Belgosuniv. im. V. I. Lenina, 1961. 49 p.

IODINE

Ionization of iodine atoms on the surface of heated tantalum. E. P. Sytaia, N. G. Shuppe Izv. vys uchob. zav.; fiz. no. 6 52-56 '61.

IODINE—ISOTOPES

Absorption of radioactive iodine by the thyroid gland and disorder of its function in chronic experimental conditions. V. L. Shvedov. Med. rad. no. 6 38-41 '61.

Action of radioactive iodine on the thyroid, pituitary and adrenal glands in rabbits [with summary in English]. G. I. Kutakh. Med. rad. no. 6:42-44 '61.

Change in the secretory activity of the stomach in thyrotoxicosis treated with I^{131} [with summary in English]. L. I Kurbatova. Terap arkh. 33 no. 10:45-50 '61.

Changes in the heart in thyrotoxicosis under the influence of treatment with radioactive iodine [with summary in English] E. V. Budagova. Vrach. delo no. 12, 36-38 D '61.

Concentration of radioactive iodine in brain tumors. D. A. Ulitovskii. Med. rad. no. 7, 18-24 '61.

Diagnostic value of the method for determining the function of the thyroid gland by means of radioactive iodine. E. D. Chebotareva. Vrach. delo no 6, 68-71 Je '61.

Functional state of the thyroid gland in pulmonary tuberculosis, according to data from a study using the radio-indication method [with summary in English] N. R. Turupanova. Sov. med. 25 no. 10:23-29 O '61

Permeability of ambulatory treatment with radioactive iodine [with summary in English]. V. IA. Golikov, I. I. Gusarov. Med. rad. no. 6:27-29 '61.

Study of the functional state of the thyroid gland with the aid of the DSU-60 apparatus M. N Fateeva and others Med. rad no 9 69-71 '61

IODINE COMPOUNDS—SPECTRA

Nuclear quadrupole resonance in some bromine and iodine compounds. G. K. Semin. Zhur. strukt. khim. 2 no. 3:370-373 My-Je '61.

IODINE IN THE BODY

Tissue respiration and iodine metabolism in the thyroid gland of rats after a single administration of antithyroid preparations [with summary in English] M. F Merkulov, M. G. Khavanskaia. Farm. i toksi. 24 no. 3:341-354 My-Je '61.

IODOMETRY

Use of iodometric titration in determining urotropine P. N Kovalenko. Uch. zap. RGU 11, 53-93 '60.

ION EXCHANGE

Determination of height, equivalent to the theoretical plate in countercurrent ion exchange. S. G. Katal'nikov and others. Zhur. prikl. khim 34 no. 12:2688-2674 D '61.

Effect of roasting on the ion-exchange capacity of vermiculite. V. F. Bagretsov and others. Zhur. prikl. khim. 34 no. 11:2558-2560 N '61.

Exchange adsorption of potassium ion from the acid potassium tartrate solution on cation exchangers A. T. Markh, IU. S. Kharin Izv. vys ucheb zav., pishch tekh. no 5:20-27 '61.

Preparation of medical applicators with various radioactive isotopes on the basis of ion exchanging materials [with summary in English]. V. A. Sokolov, T. I. Kondrat'eva. Med rad. no. 1, 28-32 '62.

Separation of beryllium from accompanying elements by means of ion-exchange chromatography. N. A. Shvorovskaia, G. I. Lopatina. Nauch. zasob. Inst. gor. dela 6: 30-31 '60.

Separation of some anions by electrolysis with the use of ion-exchange membranes. A. G. Kobilanskii, O. A. Ulitin. Zhur. prikl. khim. 34 no. 12:2699-2701 D '61

Use of ionites for concentrating artificial radioactive isotopes contaminating atmospheric precipitations. G. A. Sorokin, V. B. Churaichev. Atom. energ. 12 no. 1:66-67 Ja '62.

ION EXCHANGE RESINS

Comparative capacity of elements for sorption by ion exchange resins in hydrochloric acid solutions. I. K. TSitovich. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 4:698-691 '61.

Operation of filters with a mixed-bed ion exchangers. V. P. Meloshko and others. Zhur. prikl. khim. 35 n no. 1:86-66 Ja '62.

ION SOURCES

Role of the emission canal in an ion source. S. N. Popov. Zhur. tekh. fiz. 31 no. 12:1431-1438 D '61.

Simultaneous discharge of ions of the base metal and impurities during the electrolytic refining of nickel from a chloride solution. A. L. Rotinian, I. A. Shoshina. Izv. vys. ucheb. zav.; tsvet. met. 4 no. 3:50-56 '61.

IONIZATION

Ionization of hydrogen atoms by electrons taking interference into account [with summary in English]. R. K. Peterkop. Zhur. eksp. i teor. fiz. 41 no 6:1936-1939 D '61.

Ionization of iodine atoms on the surface of heated tantalum. E. P. Sytaia, N. G. Shuppe. Izv. vys. ucheb. zav.; fiz. no. 6:52-56 '61.

IONIZED AIR see Air, Ionized

IONOSPHERE
(see also subdivision under Antarctic regions, Atlantic Ocean, Irkutsk, Tiflis region)

Determination of the time dependence of the total function of ion formation using measurements of radiowave absorption in the D-region. N. A. Savich Radiotekh i elektron 7 no 5, 830-834 F '62

Ionospheric and geomagnetic effects of large chromosphere flares G. M Mikaelian Geomag i aer 1 no 5 768 771 S-O '61

Ionospheric disturbances of Nov. 10 17, 1960 N. P Borikova, M. D Filipp. Geomag i aer 1 no 5 812 815 S-O '61

Nonlinearity of electric characteristics of the ionosphere. L. P. Kuperov. Probl. Arkt. i Antarkt. no. 9:50-61 '61.

IONOSPHERIC RADIO WAVE PROPAGATION

Daily variations in the occurrence of blackouts according to the data of the International Geophysical Year B. P Beglova, L. A Ilinovich. Geomag i aer 1 no 5 775-779 S-O '61

Dispersion of electromagnetic waves by disturbances caused in the plasma by a fast moving body IA I Appert, I. P Pitaevskii Geomag i aer 1 no 5 809 821 S-O '61

Effect of ions on the nature of the distribution of whistling atmospherics B. N Gershman, V. IU Trakhtengerts Geomag i aer. 1 no. 5 671 678 S-O '61.

IONOSPHERIC RESEARCH

Correlation method in quadratic approximations M. F Kilanovskii Geomag i aer 1 no 5 750 759 S-O '61

Extraterrestrial ions in the earth's atmosphere V. G Istomin Isk sput Zem. no. 11 98 107 '61

On the frontier of a new era. Sov. voin 47 no. 11 10-19 Je '61.

Total concentrations of the ionic components of the earth's atmosphere at altitudes from 100 to 300 km V. G Istomin Isk. sput Zem no 11 94-97 '61

IONS

Comments on N. V. Pleshivtsev's article "Sputtering of copper by hydrogen ions with an energy of up to 50 kev" IU. V. Bulgakov. Zhur. eksp i teor fiz 41 no. 6:2015-2016 D '61

Experiments on the acceleration and yield of ions in a cyclotron with azimuthal variation of the magnetic field and controllable energy. A. A. Arzumanov and others Atom. energ 12 no. 1:62-71 Ja '62.

IONS ISOTOPES

Chromatographic method of separating iron isotopes. D. A. Kniazev, A. I. Mikhailichenko. Zhur. prikl. khim 35 no. 1:66-70 Ja '62.

IONS—THERAPEUTIC USE

Ion reflexes according to A. L. Chizhevskii. B. V Likhtenman. Vop. kur., fizioter. i fiz. fiz kult 24 no 6 499-502 N-D '59.

IORI VALLEY—PALYNOLOGY

Spore-pollen complexes of Sarmatian sediments in the Iori and Inzi sediments; Chobordar and Kabir stratigraphic sections. D. Dzhanelidze, Izv. AN Azerb. SSR, Ser. geol.-geog. nauk i nefti no. 4:63-73 '61.

IRAN—BATHOLITHS

Mechanism of the formation of the Mogan-Ordubad Batholith. Sh. A. Azizbekov, I. G. Gad'iev, Izv. AN Azerb. SSR, Ser. geol.-geog. nauk i nefti no. 3:11-20 '61.

IRAN—COMMERCE—RUSSIA

Role of Armenian merchants in the development of Russo-Iranian trade in the last third of the 17th century, based on material of the Central State Archive of Ancient Documents. N. G. Kukanova Krat. soob. Inst. nar. Azii no. 30 30-34 '61.

IRAN—ECONOMIC CONDITIONS

From the history of the first seven year development plan of Iran. A. B. Volkov. Krat. soob. Inst. nar. Azii no. 43 52 '61.

Iran without the guilding. I. Bochanov. Ogonek 40 no. 3 28 29 Ja '62.

Material on the social and economic features of Iranian ustans [provinces], the second ustan with the center at Sari. G. M Petrov Krat. soob. Inst. nar. Azii no. 30 35-42 '61.

IRAN—FOREIGN ECONOMIC RELATIONS—UNITED STATES

From the history of the first seven-year development plan of Iran. A. B. Volkov. Krat. soob. Inst. nar Azii no. 43 44-52 '61.

IRAN—RELATIONS (GENERAL) WITH THE UNITED STATES

Under a double yoke. A. Bashkirov. Az i Afr. segodn. no. 1:20-21, 25 Ja '62.

IRAN—RIVERS

Discharge of Iranian rivers in the Caspian Sea Basin. V. G. Zavriev, A. N. Kosarev. Izv. AN Azerb. SSR, Ser. geol.-geog. nauk i nefti no. 4:117-120 '61.

IRAN—SURVEYING
Geodetic operations in capitalistic countries, from national reports presented at the 12th Assembly of the International Union of Geodesy and Geophysics Geod i kart no. 11 58-65 N '61

IRAQ—POLITICS AND GOVERNMENT
Liberation struggle of the Iraqi people, 1955-1959. D B Ruindezh. Krat soob. Inst. nar. Azii no 45 144-151 '61.

IRAQ—THEATER
Youthful theater of Iraq. N, Z. Teatr 22 no. 6:186 Ag '61.

IRKUTSK—IONOSPHERE
Investigating the inhomogeneous structure of the ionosphere over Irkutsk during the period of the International Geophysical Year. E S Kazimirovskii, V D Kokourov Geomag i aer 1 no. 5 740-749 S-O '61

IRKUTSK—MICA—TOXICOLOGY
Ballistocardiographic changes in workers of an Irkutsk mica factory. K. R. Sedov. Sov med 25 no. 7:109-114 Jl '61.

IRKUTSK—SERVICE INDUSTRIES
Wrong side. S. Sinel'nikov. Ogonek 40 no. 2:24 Ja '62.

IRKUTSK HYDROELECTRIC POWER STATION
Experimental study of the thrust bearing of the hydrogenerator of the Irkutsk Hydroelectric Power Station B. A. Bruslinskii, I. N. Il'in, L. S. Krotman. Elek sta. 32 no. 12:16-18 D '61.

IRKUTSK PROVINCE—APPELLATE COURTS
Red tape in the examination of appeals in the Irkutsk Province Court. V. Bolysov. Sots zakon. 29 no. 1:40-43 Ja '62.

IRKUTSK PROVINCE—HERNIA
Treatment of strangulated hernias (from data of medical institutions in Irkutsk Province). P. A. Matsenko. Vest. khir. no. 5:67-71 '61.

IRKUTSK PROVINCE—NEWSPAPER AND PERIODICAL CIRCULATION
Competition among the distributors of printed matter. E. Korlakin. Raspr. pech no 6:14 Je '61.

IRKUTSK PROVINCE—RUNOFF
Distribution of mean runoff of the rivers of Irkutsk Province. A. N. Afanas'ev. Izv. Sib. otd. AN SSSR no. 11:63-74 '61.

IRON see subdivision under Moldavia

IRON—ANALYSIS
Detection of ions of bivalent and trivalent iron by means of phenol and hydrogen peroxide. L. G. Gein. Trudy Perm. farm. inst. no. 1:146-156 '59.
Determination of iron, aluminum, and manganese in metallurgical slags by the use of triton. V. A. Rad'ko, E. M. IAkimets. Zav. lab. 27 no. 12 1464-1465 '61

IRON—METALLURGY
Making charge iron in basic open-hearth furnaces. O. N. Sokolov, V. P. Tunkov, I. I. Fomin. Metallurg 7 no. 1:21-23 Ja '62.
Scientific Coordination Conference on the Direct Production of Iron. B. K. Kiselev. Obog. rud. 6 no. 5:54-55 '61.

IRON ALLOYS
Use of exothermic three-component ferroalloys as addition elements in 14KhGS steel. B. S. Konovalov and others. Izv. vys. ucheb. zav., chern. met. 4 no. 12:45-49 '61.

IRON AND STEELWORKERS
(see also subdivision under Zaporozh'ye)
Danilovich, V. A. [Dzmitryi Barashkin, a steel maker] Stalliavar Dzmitryi Baraskkin. Minsk, Dziarzh. vyd-va BSSR, Red. masava-palitychnai lit-ry, 1961. 45 p. (Nashi suchasniki)
Main wealth. N. Mezhekov. Metallurg 7 no. 1:37 Ja '62.

IRON BACTERIA see subdivision under Glubokoye, Lake

IRON IN THE BODY
Vitamin B_{12} and iron concentration in the blood of leukemic patients. O. V. Aksenova, O. P. Lavrova. Vit. res. i ikh isp. no. 5:220-226 '61.

IRON INDUSTRY see subdivision under Kazakhstan; Siberia

IRON MINES AND MINING—LABOR PRODUCTIVITY see subdivision under Krivoy Rog Basin

IRON-MOLYBDENUM ALLOYS see Molybdenum-iron alloys

IRON-NICKEL ALLOYS
Determining the sign of the local magnetic field on nuclei of gold dissolved in iron and nickel [with summary in English]. B. N. Samoilov, V. V. Skliarevskii, V. D. Gorobchenko. Zhur. eksp. i teor. fiz. 41 no. 6:1783-1786 D '61.

IRON ORES
(see also subdivision under Alapayevsk region; Angara Valley, Kachkanar Mountains; Kerch Peninsula)
Factors determining the metallurgical value of iron ores and concentrates A. S. Finkel'shtein. Obog. rud. 6 no. 5:8-15 '61.

IRON ORES—TESTING see subdivision under Belgorod Province

IRON ORES—TRANSPORTATION see subdivision under Krivoy Rog

IRON OXIDES
(see also subdivision under Dnieper Valley)
Effect of iron oxides on certain properties of steatitic materials. P. P. Budnikov, G. V. Belinskaia. Trudy GEKI no. 4 47-56 '60.
Electron microscope study of iron oxide powders. O. N. Repkova. Zav. lab. 27 no. 12:1494-1495 '61.
Thermodynamic properties of melts containing iron oxides. D. M. Laptev, V. A. Kozheurov. Izv. vys. ucheb. zav.; chern. met. 4 no. 12 9-17 '61

IRON SULFIDES see subdivision under Black Sea

IRRIGATION
(see also subdivision under Irtysh Valley; Transcaucasia; Uzbekistan)
Controlling the overseas of humidification in subsoil irrigation S S Zavodonov, V. K Morozov. Gidr. i mel 14 no 1 27-33 Ja '62.
[Desired water] Zhelannaia voda. [Moskva, Izd-vo "Molodaia gvardiia," 1961] 16 p.

IRRIGATION—CONGRESSES
Seminar on problems in land improvement. L. B. Levanovskii. Gidr i mel 14 no. 1:63-64 Ja '62
Sprinkler and gravity-flow irrigation abroad; according to the materials of the Fourth International Congress on Irrigation and Drainage in 1960 V. IA Chichasov. Gidr. i mel 14 no 2 48-55 F '62

IRRIGATION CANALS AND FLUMES
(see also subdivision under Ingulets Valley)
A. N. Kostiakov' formula covering the gross and net water consumption in irrigation canals I. S IAkovlev. Izv. Otd. geol.-khim. i tekh. nauk AN Tadzh. SSR 1:23-31 '60.
Use of filtration waters in the zone of irrigation canals for water supply purposes IA. K Levin Gidr. i mel. 14 no 1:41-48 Ja '62

IRRIGATION FARMING
(see also subdivision under Buryat-Mongolia)
Physiological principles of irrigation farming. N. S. Pettinov. Priroda 51 no. 1:59-67 Ja '62.
Tarkhov, A. I. [Pneumatics and automation of irrigation] Pnevmatika i avtomatizatsiia polivov. Stalinabad, Izd-vo M-va sel'. khoz. Tadzhikskoi SSR, 1961. 42 p. (DA)
Use irrigated lands more intensively. A. M. Gavrilov. Zemledelie 23 no. 12:11-14 D '61.

IRRIGATION RESEARCH see subdivision under Kura-Aras Lowland

IRTYSH VALLEY—IRRIGATION
Principal basis for the irrigation of central Kazakhstan by changing the flow of the Irtysh River. V. A. Kiktenko. Trudy Inst. energ. AN Kazakh. SSR 2:49-63 '60.

IRTYSH VALLEY—PINE
Materials on the evaluation of moisture in the sandy soils of pine strip forests in the Irtysh Valley. L. P. Brysova, A. G. Gael'. Vest. Mosk. un. Ser. 6, Biol., pochv. 17 no. 1:65-74 Ja-F '62.

ISAKOVSKII, MIKHAIL VASIL'EVICH, 1900-
On the national character of a poet. Vl. Masik. Neva no. 7:167-170 '61.

ISLAM see Mohammedanism

ISOMERISM
Isomeric energy shifts in the 23.8 Kev. gamma-transition in the Sn^{119} nucleus [with summary in English]. V. S. Shpinel', V. A. Briukhanov, N. N. Delisgin. Zhur. eksp. i teor fiz. 41 no. 6:1767-1770 D '61.

ISONIAZID
Treatment of tuberculosis with massive doses of isoniazid in combination with streptomycin or paraaminosalicylic acid [with summary in French]. Glaros. Probl. tub. no. 5:23-25 '61.

ISOOLEIC ACID
Elaidinization activity of nickel in the process of forming isooleic acids. B. N. Tiutiunnikov, I. V. Bogdan. Masl.-zhir. prom. 27 no. 11:22-25 N '61.

ISOPENTYL ALCOHOL
Solubility of phosphoric acid in iso-amyl and n-butyl alcohols. I. N Shokin, I. IA Sabaev, S. A. Krasheninnikov. Zhur. prikl. khim. 35 no. 1 190-192 Ja '62.

ISOPERIMETRICAL PROBLEMS see Calculus of variations

ISOPODA see subdivision under Nagayevo Bay

ISOTHIURONIUM COMPOUNDS
Antiradiation activity of new isothiuronium derivatives [with summary in English]. V. S. Sheshkov, V. M. Fedoseev. Med. rad. no. 7:25-29 '61.

ISOTOPE SEPARATION
Separation of lead chemical forms. I. E. Starik, and others. Biul. Kom. po opr. abs. vozr. geol. form. no. 4:126-135 '61.

ISOTOPES
Comparative leaching of certain isotopes. I. E. Starik, F. E. Starik, A. N. Ellzarova. Biul. Kom. po opr. abs vozr. geol. form. no. 4:160-165 '61
Study of adsorption processes in leaching. I. E. Starik, K. F. Lazarev. Biul. Kom. po opr. abs. vozr. geol. form no. 4:136-143 '61.
Study of the shift in isotope make-up of the elements Sr, Rb, Ca, K and Li in their assimilation from the nutrient medium by plants [with summary in English]. G. R. Rik and others Biofizika 6 no. 6:740-744 '61.

ITALY—COMMUNIST PARTY
Lopukhov, B. R. [Establishment of the Italian Communist Party] Obrazovanie Ital'ianskoi Kommunisticheskoi partii. Moskva, Izd-vo Akad. nauk SSSR, 1962. 130 p.

ITALY—COMMUNIST REVISIONISM
Critical evaluation of the reactionary theories of the state and law promoted by Italian revisionists. E. A. Ambartsumov. Uch. zap. IMO no. 3:78-99 '61.

ITALY—HISTORY
"Italy and the Byzantine Empire in the 6th century" by Z. V. Udal'tsova Reviewed by M. IA. Siuziumov. Viz. vrem 19:283-293 '61.

ITALY—LEGISLATIVE BODIES
Basic features of the bicameral parliamentary system in present-day Italy. I. S. Kurpikova. Uch. zap. IMO no. 3:171-185 '61.

ITALY—POLITICAL SCIENCE
Critical evaluation of the reactionary theories of the state and law promoted by Italian revisionists. E. A. Ambartsumov. Uch. zap. IMO no. 3:78-99 '61.

ITALY—POLITICS AND GOVERNMENT
Change is necessary. Nov. vrem. 20 no. 6:3 F '62.
Italy: a shift to the left? I. Trofimova. Nov. vrem. 20 no. 6:8-10 F '62
"Sketches of Italian political life, 1943-1950" by Marcella and Maurizio Ferrara. Reviewed by A. Protopopov. Mezhdunar. zhizn' 9 no. 2:133-137 F '62.

ITALY—WORLD WAR, 1939-1945
Reasons for Italian neutrality at the beginning of World War II. I. N. Boncharov. Nauch. dokl. vyss. shkoly ist. nauki no. 2:126-144 '61.

IVORY COAST
Republic of the Ivory Coast. Mezhdunar.zhizn' 9 no 2 151-152 F '62.

IV'YE—POTTERY
Iv'ye pottery. M. IAnitskaia. Belarus' 19 no. 1;28 Ja '62

JACKSON, MISS.—LIBRARIES
Racism in action. M. Rabinovich. Bibliotekar' no 2: 60-61 F '62.

JAMESTOWN WEED see Datura

JAPAN—DESCRIPTION AND TRAVEL
Red banners over Todaiji L Vol'nov Az i Afr seg no. 1 35-37 Ja '62

JAPAN—ELECTION LAW
The Japanese electoral system. L. G. Shatov. Uch. zap. IMO no. 3:186-201 '61

JAPAN—ENCEPHALITIS
Some materials on the geography of Japanese encephalitis on the Japanese Islands. V. I. Podolian. Geog sbor., no 14 156-163 '61

JAPAN—FOREIGN RELATIONS—RUSSIA
Militaristic Japan's violation of her neutrality pact with the U.S.S.R. L Kudashev. Mezhdunar.zhizn' 9 no. 2:103-115 F '62.

JAPAN—FOREIGN RELATIONS—UNITED STATES
Japanese-American relations after the Second World War D. I. Angora Krat soob Inst nar Azii no 45 83-95 '61

JAPAN—HEMICELLULOSE
Production of hemicellulose in Japan. K. M. Bum. prom. 36 no 12,26-27 D '61.

JAPAN—LIBRARIES
Libraries in Japan V. Orlov Bibliotekar' no 1:56-58 Ja '62

JAPAN—MEDICAL GEOGRAPHY
Some materials on the geography of Japanese encephalitis on the Japanese Islands V. I. Podolian Geog sbor. no 14 156-163 '61

JAPAN—POLITICS AND GOVERNMENT
Plot of the ultra-rights in Japan. Mezhdunar.zhizn' 9 no.2 156-157 F '62.
Political parties in Japan A. Dobrovol'skii. Otv. na vop. trud no. 2,38-42 '61.

JAPAN—RELATIONS (GENERAL) WITH RUSSIA
Russia of the 18th century through Japanese eyes. V. M. Konstantinov Krat soob. Inst. nar. Azii no 44 67-76 '61.

JAPAN—YOUTH MOVEMENT
The militant vanguard of Japanese youth. G Rakhovetskii, L. Korshikov. Mol. komm. no 10 114-118 O '61.

JAPAN, SEA OF—COAST CHANGES
Role of some factors other than waves in shore dynamics (exemplified by the Sea of Japan) V. S. Medvedev Trudy Okean kom. 12;42-53 '61.

JAPAN, SEA OF—MARINE FOULING
Fouling in the Soviet waters of the Sea of Japan. N. I. Tarasov. Trudy Inst. okean. 49;3-59 '61

JASSY, RUMANIA—MATHEMATICS
History of mathematics in Rumania, mathematics at the Jassy University. V. P. Bychkov. Trudy inst. ist. est. i tekh. 43 200-350 '61.

JAUNDICE
Manganese content in the blood in Botkin's disease and mechanical jaundice. L. S. Bondarev Terap. arkh. no. 6;47-50 '61

JAWS—CANCER
Clinical observations of the metastasizing of malignant tumors of the maxilla. G. P. Ioannidis. Stomatologiia 39 no. 6;49-52 N-D '60.

JAWS—DISEASES
Actinomycosis of the pterygognathic space. V. A. Petrov. Stomatologiia 39 no. 6;68-69 N-D '60.

JAWS—FRACTURE
Fractures of the upper jaw. E. IU. Simanovskaia. Stomatologiia 39 no. 6;33-37 N-D '60.
Surgical treatment of fractures of the mandible in a city hospital. V. I. Burgonskaia. Stomatologiia 39 no. 6; 61-62 N-D '61.

JENNINGS, SIR WILLIAM IVOR, 1903-
English professor Ivor Jennings and his "democratic program." IA. M. Bel'son. Izv. vys. ucheb. zav. ;prav. 5 no. 2;106-114 '61.

JEWELS see Gems

JEWS see subdivision under Ukraine

JIUJITSU
Jiu-jitsu and sambo. Aleksandr Kuleshov. Ogonek 40 no 6;29-30 F '62.

JOANNES, SCYLITZES, fl. 1081
History of Byzantine chronography of the 10th century. A P. Kazhdan. Viz. vrem 20;106-128 '61.

JOB ANALYSIS see subdivision under Kuybyshev Province

JOB SATISFACTION
Zinin, A. K. [Life's happiness is in work] Schast'e zhizni - v trude. Minsk, Gos izd-vo BSSR Red. massovo-polit. lit-ry, 1961 32 p.

JOINTS—DISEASES
Alkaptonuric arthrosis. T. Tashev, G. Khadzhidekov, D TSkova. Klin. med no 1;129-131 '62
Case of tabetic arthropathy. M. L. Livshits. Vrach. delo no 12;150 D '61
Present status and prospects of the development of research on the problem of rheumatism and diseases of the joints in public health institutes of the R. S F S R I. V. Borob'ev, Biul. Uch. med. sov 2 no. 6;6-9 N-D '61.
Some problems in the X-ray study of occupational changes in the bones and joints [with summary in English]. A A. Lemberg. Vest rent. i rad. 36 no. 5 9-16 S-O '61

JOINTS—RADIOGRAPHY
X-ray picture of changes in the osteoarticular apparatus in psoriasis G. Kh Kogon Klin. med. no 1 116-123 '62

JOINTS—TUBERCULOSIS
Detecting patients with osteoarticular tuberculosis. N. G. Tolmachev. Zdrav. Tadzh. 8 no 5,7-8 N-D '61.

JOINTS (GEOLOGY) see subdivision under Donets Basin, Ural Mountains

JOSEPHUS, FLAVIUS
Language of the Old Russian translation of Josephus Flavius's "History of the Jewish War" M. M. Kopylenko Viz. vrem. 20;164-183 '61

JOURDAN-MORHANGE, HELEN, d. 1961
In memory of Jourdan-Morhange, Georgii Edel'man. Sov. muz 25 no. 6;127-128 Ag '61.

JOURNALISM
(see also subdivision under Bashkiria; Georgia; Kazakhstan; United States)
Even a research worker. L. Avrutskii. Sov. pech. no. 1: 26-29 Ja '62
Historical decisions of the 22d Congress of the CPSU and the tasks of Soviet journalists. P. A. Satiukov. Sov. pech no. 1;5-12 Ja '62.
Let us seek advice; let us think it over; let us discuss it. V. Dubkov. Sov. pech. no. 1;24-26 Ja '62.
A living force. M. Ovsiannikova. Sov. pech. no. 1;18-19 Ja '62.
New criteria of effectiveness. G. Zimanas. Sov. pech. no 1;20-21 Ja '62.
Toward a new upsurge in creative activity. A. Subbotin. Sov. pech. no 1;13-14 Ja '62.

JOURNALISM—STUDY AND TEACHING
Should journalists be trained in this manner? T. Liflin. Sov. pech. no. 1;36-40 Ja '62.

JOURNALISM, AGRICULTURAL
But we have planted grass... Sov. pech. no. 1;33-35 Ja '62.

JOURNALISM, LABOR
The go-getters are a lively tribe. S. TSukasov. Sov. pech no. 1;30-31 Ja '62.

JUDICIAL ERROR
A judicial error which could be avoided. S. Binder. Sots. zakon. 39 no. 1;55-56 Ja '62.

JUDICIARY see Courts

JUNCTION TRANSISTORS
Calculation of the output current of alloyed semiconductors at arbitrary magnitudes and forms of signals in junctions. I. N Vozhenin. Izv. vys. ucheb. zav., fiz. no. 6: 14-21 '61.

JUSTICE, ADMINISTRATION OF
(see also subdivision under Communist Countries; Kazakhstan)
In the name of humanity. Boris Gusev. Neva no. 12: 138-142 '61.
Lenin, V. I. [V. I. Lenin on socialist legality] V. I. Lenin o sotsialisticheskoi zakonnosti. [Izd. 2., dop.] Moskva, Gos. izd-vo polit. lit-ry, 1961. 558 p.
Randalu, H. [Educational tasks of the Soviet court and the participation of the community in the administration of justice] Noukogude kohtu kasvatuslikud ulesanded ja uhiskonna osavott oigusemotsimisest Tallin, Eesti Riiklik Kirjastus, 1960. 61 p. [In Estonian]
Soviet courts should contribute to the solution of new problems N. Prusakov. Sov. iust. no. 1:1-3 Ja '62.
The 22d Congress of the CPSU and the objectives of public prosecution. R. Rudenko. Sots. zakon. 39 no 1:3-14 Ja '62.

JUVENILE DELINQUENCY
(see also subdivision under Vinnitsa Province)
Moscow. Universitet. Iuridicheskii fakul'tet. Kabinet gosudarstva i prava zarubezhnykh stran. [Juvenile delinquency and its prevention in foreign countries] Prestupnost' nesovershennoletnikh i bor'ba s nei v zarubezhnykh stranakh. [Moskva] Izd-vo Mosk univ., 1961 169 p.

KABARDINO-BALKAR A.S.S.R.—COLLECTIVE FARMS
People serve the truth. Petr Nikitin. Ogonek 40 no. 5;18-19 Ja '62.

KABARDINO-BALKAR A.S.S.R.—FRUIT—DISEASES AND PESTS
Kovalenko, O. V. [Orchard diseases and pests in Kabardino-Balkaria] Vreditoli i bolezni sadov Kabardino-Balkarii. 3. perer. i dop. izd. Nal'chik, Kabardino-Balkarskoe knizhnoe izd-vo, 1960. 110 p. (DA)

KABARDINO-BALKAR A.S.S.R.—THEATER
Joyful play. E. Zhdanova. Teatr 22 no. 6;113 Ag '61.

KACHKANAR MOUNTAIN—IRON ORES
Industrial testing of Kachkanar deposit titanium-magnetite ores. N. G. Timenkov, S. M. Buchel'nikov, G. F. Sustikov. Trudy Uralmekhanobra no 5 58-73 '59.

KADZHARAN—MINERAL INDUSTRIES—LABOR PRODUCTIVITY
From the work practices of Tevos Gukasian, excavator operator. Sh. Gasparian Prom. Arm. 4 no 11: 54-55 N '61.

KAIGORODOV, DMITRII NIKIFOROVICH, 1846-1924
I want to become a naturalist. S. P. Ruchnykh. Ush. mat. no. 12-22-23 D '61.

KAKHETIAN RANGE—PALEOBOTANY, STRATIGRAPHIC
History of forests of the Kartlian and Kakhetian Ranges in the Holocene. I. N. Tumadzhanov, N. A. Margalitadze. Soob. AN Gruz. SSR 27 no. 4;451-458 O '61.

KÁLA-AZÁR
Present state of the problem of visceral leishmaniasis [with summary in English]. N A Mirzoian Med. zhur Uzb no. 8,54-59 Ag '61.

KALININGRAD PROVINCE—DRAINAGE
Action of tile drainage in clay soils and measures for increasing its effectiveness in Kaliningrad Province. A I Klimko. Nauch trudy KOMS no. 1;31-49 '59.
Causes of silting and filling of drainage lines with plant roots. L. N Sidontsev. Nauch trudy KOMS no 1;117-137 '59
Effect of mole drainage on the moisture conditions of drained heavy loam soils. I. M. Kon'min. Nauch trudy KOMS no. 1,93-108 '59
From work results of the Kaliningrad Province Experimental and Land Improvement Station during the period 1948-1956. N. I. Morgunov, A. I Agapov. Nauch. trudy KOMS no. 1 3-16 '59.
Small-scale work mechanization in the maintenance of open drainage systems. B. M. Protopopov. Nauch. trudy KOMS no. 1;138-148 '59.
Some specific features of the design of drainage systems in Kaliningrad Province. I. M. Krivonosov, N. I. Morgunov, L N Sidontsev Nauch trudy KOMS no 1;50-63 '59.
Use of aerial methods in mapping and studying drainage systems. I. M. Krivonosov. Nauch. trudy KOMS no 1 64-83 '59.
Use of tile drainage combined with a system of open ditches in polders and bottom lands. F. M Nikolaev. Nauch trudy KOMS no 1,109-116 '59.

KALININGRAD PROVINCE—FORAGE PLANTS
From past experience in growing forage plants on the reclaimed lands of Kaliningrad Province. P. A. Turnas Nauch trudy KOMS no. 1,188-198 '59.

KALININGRAD PROVINCE—PASTURES AND MEADOWS
Establishing artificial hayfields and permanent pastures in the repeatedly water-logged polders of Kaliningrad Province. N. I. Morgunov. Nauch. trudy KOMS no. 1: 165-174 '59.

KALININGRAD PROVINCE—SOILS—ANALYSIS
Akademiia nauk SSSR. Pochvennyi institut im. V. V. Dokuchaeva. [Soils of Kaliningrad Province] Pochvy Kaliningradskoi oblasti. Moskva, Izd-vo Akad. nauk SSSR, 1961. 174 p.

KALUGA—CITY PLANNING

The Kaluga that will be .. N Dmitriev Zhil.-kom.kho. 11 no 10 28 O '61.

KALUGA—LANDSCAPE GARDENING

The birthplace of astronautics. V. Fedorova. Zhil.-kom. kho., 11 no 10 28-29 O '61.

If the residents of the whole city... I Silinkov. Zhil.-kom. khoz. 11 no.10 29 O '61.

KALUGA—LIBRARIES

Kaluga. Kaluzhskaia oblastnaia biblioteka imeni V. G. Belinskogo. [The Kaluga Province Library; a brief guidebook] Kratkii spravochnik. [Kaluga] Kaluzhskoe knizhnoe izd-vo, 1961. 28 p.

KALUGA PROVINCE—BOTANY

Dmitriev, N. L., L. Zelenova, and M. Kunakov. [Plant and animal world of Kaluga Province] Rastitel'nyi i zhivotnyi mir Kaluzhskoi oblasti [Kaluga] Kaluzhskoe knizhnoe izd-vo

No. 1. Dmitriev, N. L. [Plant world] Rastitel'nyi mir, 1961. 113 p.

KAMA RESERVOIR—FRESH-WATER FAUNA

Aquatic organisms occurring on decaying wood in Kama Reservoir (exemplified by the Syra River Estuary). V. V Gromov. Dokl. AN SSSR 142 no. 3,692-694 Ja '62.

KAMA RIVER—ICE ON RIVERS, LAKES, ETC.

The Kama River at Perm can be kept free of ice. A. Zhilin Rech. transp. 20 no. 11:42 N '61

KAMA VALLEY—GEOGRAPHY

Vishnevskii, B. N. [I. IA. Krivoshchekov, geographer and student of local lore] Geograf-kraeved I. IA. Krivoshchekov. [Perm'] Permskoe knizhnoe izd-vo, 1961. 103 p.

KAMA VALLEY—HISTORY

Vishnevskii, B. N. [I. IA. Krivoshchekov, geographer and student of local lore] Geograf-kraeved I. IA. Krivoshchekov. [Perm'] Permskoe knizhnoe izd-vo, 1961. 103 p.

KAMA VALLEY—STONE AGE

Mariiskaia arkheologicheskaia ekspeditsiia. [Transactions of the Mari Archeological Expedition] Trudy. Ioshkar-Ola.

Vol. 1. Khalikov, A. Kh. [Materials on the study of the history of the population in the middle Volga Valley and the lower Kama Valley during the Neolithic period and the Bronze Age] Materialy k izucheniiu istorii naseleniia Srednego Povolzh'ia i Nizhnego Prikam'ia v epokhu neolita i bronzy. 1960. 186 p.

KAMAL, GIL'M KHAIREVICH, 1901-

Gil'm Khairevich Kamal; on the sixtieth anniversary of his birth. A. D. Nikolaeva, V. S. Nikolaev. Izv. vys. uchob. zav.; khim. i khim. tekh. 4 no. 4:527-532 '61.

KAMCHATKA—ECONOMIC POLICY

Natural resources of Kamchatka Province and problems in the comprehensive development of its natural economy. B. F. Shapalin. Izv. Sib. otd. AN SSSR no. 11:19-32 '61.

KAMCHATKA—MEDICAL GEOGRAPHY

Some materials on the medico-geographical features of Kamchatka. A. V. IAkovlev. Geog. shor. no. 14:86-97 '61

KAMCHATKA—METAMORPHISM (GEOLOGY)

Depth criteria of postvolcanic hydrothermal metamorphism in the ore zone of central Kamchatka. M. M. Vasilevskii. Izv. AN SSSR. Ser. geol. 27 no. 1:66-84 Ja '62.

KAMCHATKA—PHYSICAL GEOGRAPHY

"Kamchatka" by E. L. Liubimova. Reviewed by L. S. Abramov. Priroda 51 no. 1:122-123 Ja '62.

KAMCHATKA GULF—SUBMARINE TOPOGRAPHY

Bottom relief of Kamchatka Gulf. A. V. Il'in Trudy Inst. okean. 50:21-28 '61.

KAMESHKOVO—AMATEUR THEATRICALS

What helped? P. Petrovskii. Teatr 22 no. 8:175 Ag '61.

KAMSKOYE UST'YE—GYPSUM

Blasting operations at the "Kamskoye Ust'ye" gypsum mine. P. P. Dul'tsev, M. M. Kurmanov. Vzryv. rab. no. 4:112-121 '60.

KAMYSHLY-BASH, LAKE—FISHERIES

Biological foundations for efficient utilization of fish resources of the Kamyshly-Bash lake system. P. F. Martekhov. Sbor. rab. po ikht. i gidrobiol. no. 3.146-153 '61.

KANDAVA (LATVIA)—BOARDING SCHOOLS

House of miracles stands on the hill. Georgii Savchenko. Sem'ia i shkola 16 no. 12:7-9 D '61.

KANEVSKAYA DISTRICT—POULTRY

Kolesnikov, A. S. [Full utilization of water resources; experience of the Kanevskaya poultry breeders] Osvaivaem golubiuiu tselinu, opyt kanevskikh ptitsevodov. Moskva, Gos. izd-vo sel'khoz lit-ry, 1960. 61 p.

KAOLIN—STANDARDS

Enriched kaolin. I. D. Arenkov Standartizatsiia 26 no. 1:58-59 Ja '62

KAPCHAGAY HYDROELECTRIC POWER STATION

Possible grouping of the Kapchagay hydroelectric Center on the Ili River. I. S. Semenov Trudy Inst. energ. AN Kazakh SSR 2:217-224 '60

KAPITANSKAIA, SOF'IA L'VOVNA

Resourcefulness and courage of a doctor S Vinogradova Neva no. 7:218 '61

KAPP, VILLEM

V Kapp's first opera. L Normet. Sov. muz 25 no. 12: 20-24 D '61

KARA-BOGAZ-GOL (GULF)—COAST CHANGES

History of the formation of the coast of the gulf Kara-Bogaz-Gol. O. K. Leont'ev Trudy Inst. okean 48 34-66 '61.

KARA-BULAK—BRONZES

Bronze medallion from the Kara-Bulak burial mound. IU. D. Baruzdin, A. M. Belenitskii. Krat. soob. Inst. arkheol. no. 86:21-27 '61.

KARA KALPAK—ECONOMIC POLICY

One more step forward. Nar. khoz Uzb. 4 no. 1:67-68 Ja '62

KARA KALPAK—POWER RESOURCES

Present-day power supply of the Kara Kalpak A. S. S. R. B. I ychagin Nar khoz Uzb. 4 no. 1:68-69 Ja '62.

KARA-KALPAKS see subdivision under Aral Sea region, Bukhara Province

KARA KUM CANAL REGION—BIRDS

Composition and distribution of the avifauna of the first part of the Kara Kum Canal. A O Tashliev Izv AN Turk. SSR, Ser. biol. nauk no. 6, 68-75 '61

KARA KUM CANAL REGION—TAKYR

Leaching saline takyrs in the area of the Kara Kum Canal. K. N. Skosyreva. Izv. AN Turk SSR. Ser biol nauk no. 6:48-60 '61

KARA SEA—HYDROLOGY

Effect of deep Atlantic waters on the hydrological regime of the Kara Sea. V. T. Timofeev. Probl. Sev. no. 4:46-58 '61.

KARA SEA—OCEANOGRAPHIC RESEARCH

Oceanographic expedition in the Kara Sea in 1960. R. P. Bulatov. Probl. Arkt. i Antarkt. no. 9,101-102 '61.

KARA SEA—SEA ICE

Ice conditions in the southwestern part of the Kara Sea and meridional heat transport in the atmosphere. IU. A. Shishkov. Probl. Sev. no. 4:131-137 '61.

KARA-TAU—GEOLOGY, STRUCTURAL

Tectonics and metallogeny of the Kara-Tau (southern Kazakhstan). N. I Nikolaev. Trudy MGRI 37 159-176 '61

KARA-TAU—ORE DEPOSITS

Tectonics and metallogeny of the Kara-Tau (southern Kazakhstan) N I Nikolaev. Trudy MGRI 37 159-176 '61

KARA-TAU—ROCKS

Ancient rocks in the Kara-Tau (southern Kazakhstan) N I Nikolaev and others Trudy MGRI 37:131-136 '61

KARA-TAU—TALC

Low iron powdery of the Lesser Kara-Tau. A. P. Gapeev. Trudy IGEM no. 48:144-160 '61.

KARA-TAU—WULFENITE

First finds of the wulfenite in complex metal deposits in the Kara-Tau. S. A. IUshko. Trudy MGRI 37 102-107 '61

KARABAKH STEPPE—BARLEY

Agrobiological judging specimens of winter barley in the Karabakh Steppe. F. A. Guseinov. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 10, 35-42 '61.

KARADAG REGION—OIL WELL DRILLING—EQUIPMENT AND SUPPLIES

Choice of bits [in Azerbaijani with summary in Russian]. Z. S. Abdullaev. Azerb neft. khoz. 40 no. 9:14-17 S '61.

KARAEV, KARA ABUL'FAZ, 1918-

"Kara Karaev" by L. Karagicheva. Reviewed by N. Shakhnazarova. Sov. muz. 25 no. 8:135-137 Ag '61.

KARAGANDA—BOTANICAL GARDENS

Karaganda Botanical Garden Zh N Korneichik. Trudy Karag bot sada 1:3-6 '60

KARAGANDA—COAL MINES AND MINING

The most important problem. G. Isachenko. Part. zhizn' Kazakh. 31 no. 10 68-72 O '61.

KARAGANDA—COKE INDUSTRY

Results of the brief statement in the resolutions of the party congress. koks i khim. no. 10:57 O '61.

KARAGANDA—FLORAL DECORATION

Using perennials in floral decoration of Karaganda in order to prolong the period of blooming. E E. Riklefs Trudy Karag. bot sada 1 74-80 '60

KARAGANDA—PLANTS, ORNAMENTAL

Ornamental trees and shrubs of the Karaganda industrial district G M Potapov Trudy Karag bot. sada 1 7-18 '60.

KARAGANDA—SECTS

The flock of Gerasim Damanskii. G. Isachenko. Part. zhizn' Kazakh. no. 11 68-72 N '61.

KARAGANDA—STRAWBERRIES

Introduction of strawberries in the Karaganda Botanical Garden. Zh N. Korneichik. Trudy Karag. bot. sada 1 81-91 '60.

KARAGANDA—TECHNICAL EDUCATION

A student came into a mine. S. Umbetaliin, S. Dosmagambetov. Part. zhizn' Kazakh. 31 no. 10 63-66 O '61.

KARAGANDA PROVINCE—CORN (MAIZE)

Effect of the treatment of seeds before planting on the physiological processes and yield of corn. A. S Sitnikova Trudy Karag. bot. sada 1:105-122 '60

KARAGANDA PROVINCE—CORN (MAIZE)—FERTILIZERS AND MANURES

Effect of fertilizers on the corn yield. A S Sitnikova. Trudy Karag bot sada 1 123-128 '60.

KARAGANDA PROVINCE—PLANTS, ORNAMENTAL

Introduction of flowering and ornamental plants in the Karaganda Botanical Garden. F. E. Riklefs Trudy Karag bot sada 1 65-73 '60.

KARAGANDA PROVINCE—STRAWBERRIES—FERTILIZERS AND MANURES

Effect of trace elements and superphosphate on the strawberry yield in Karaganda Province. Zh N. Korneichik Trudy Karag bot sada 1,92-95 '60

KARAGANDA PROVINCE—SUDAN GRASS

Effect of the treatment of seeds before sowing on the drought resistance and yield of the Sudan grass under the conditions of Karaganda Province Trudy Karag. bot sada 1:96-104 '60.

KARAGINSKIY GULF—SUBMARINE TOPOGRAPHY

Bottom relief of Karaginskiy Gulf. I. G. Boichenko. Trudy Inst okean 50.3-20 '61.

KARAKHOTO, MONGOLIA—BOOKS

Early printed editions from Karakhoto I. N. Men'shikov. Krat. soob. Inst nar Azii no 57 143-149 '61

KARATEGIN RANGE—EARTHQUAKE, 1958

Karategin earthquake of January 7, 1958 [with summary in English] I. I. Nersesov, V. I. Khalturin. Trudy Inst seism. stroi. i seism. 7:87-96 '60.

KARAVAEV, VLADIMIR AFANAS'EVICH, 1811-1892

V. A. Karavaev; on the 150th anniversary of his birth. I. A. Kurilin. Zhur. ush., nos. i gorl. bol. 21 no. 4:88-89 Jl-Ag '61.

KARELIA—CLOTHING INDUSTRY

The first beacon of Karelia. V. Potashev. Mest. prom. i khud. promys. 2 no. 7:6-7 Jl '61.

KARELIA—INDUSTRIES—CONGRESSES

Industry-wide conference in Karelia. V. Muziukin. NTO 3 no. 12 53 D '61.

KARELIA—WOOD—STORAGE

Economic effect of the yearlong storage of wood in water. A. G. Badiudin. Bum. prom. 36 no. 12:20-21 D '61.

KARELIAN ISTHMUS—SMUTS

Smut fungi of the Karelian Isthmus. T. S. Shcherbina. Bot zhur. 46 no. 12:1819-1824 D '61.

KARKINIT GULF—SEDIMENTATION AND DEPOSITION

Some data on postglacial evolution of the water area of Karkinit Gulf and the accumulation of bottom deposits in it. E. N. Nevesskii. Trudy Inst. okean. 48:86-102 '61.

KARPOV, LEV IAKOVLEVICH, 1879-1921

Pisarzhevskii, O. N. [Pages from the life of a Bolshevik and scientist; L. IA. Karpov] Stranitsy zhizni bol'shevika-uchenogo; o L. IA. Karpove. Moskva, Gos. izd-vo polit. lit-ry, 1960. 30 p. (Geroi i podvigi)

KARST
(see also subdivision under Dinaric Alps, Khibiny Mountain region; Mekhren'ga Valley)

Kachurin, S. P. [Thermokarst in the U. S. S. R.] Termokarst na territorii SSSR. Moskva, Izd-vo Akad. nauk SSSR, 1961. 80 p.

KARTLIA—PALEOBOTANY, STRATIGRAPHIC
History of forests of the Kartlian and Kakhetian Ranges in the Holocene. I. N. Tumadzhanov, N. A. Margalitadze. Soob. AN Gruz SSR 27 no. 4 451-458 O '61.

KARTS (MIDGET CARS)
Little "go-kart" leads to the big sport. A. Sabinin. Tekh mol. 29 no. 12 19-21 '61.

KASRAVI, AHMAD, 1890 or 91-1946
Ahmad Kasravi's views on the reform of the present-day Persian language and writing. S. M. Aliev. Kratk. soob. Inst. nar. Azii no. 30 95-102 '61.

KATAYAMA DISEASE see Schistosomiasis

KAUNAS—WORLD WAR, 1939-1945—ATROCITIES
Kondratas, Z. [The Ninth Fort.] IX Fortas. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 47 p. [In Lithuanian]

KAUNAS HYDROELECTRIC POWER STATION—PRECAST CONCRETE CONSTRUCTION
Precast reinforced concrete in the construction of the Kaunas Hydroelectric Power Station. S. A. Levshin. Energ. stroi. no. 20 30-36 '61.

KAZAKH LITERATURE—HISTORY AND CRITICISM
"Outline history of Soviet Kazakh literature." Reviewed by M. Sil'chenko. Vop. lit. 5 no. 8 218-223 Ag '61.

KAZAKHS
(see also subdivision under Aral Sea region)
On the settling down of Kazakhs at the beginning of the 20th century. S. Sundetov. Izv. AN Kazakh. SSR. Ser. ist., arkheol. i etn. no. 3 68-77 '61.

KAZAKHSTAN—AUTOMATIC CONTROL
Principal results of research in the field of automatic control. E. V. Chuprilanov. Trudy Inst. energ. AN Kazakh. SSR 2;103-113 '60.

KAZAKHSTAN—BOTANICAL RESEARCH
History of the investigations of the northern Kazakhstan vegetation. A. V. Kalinina. Trudy Bot. inst. Ser. 3 no. 13:36-53 '61.

KAZAKHSTAN—BOTANY
Vegetation of the undulating plains of northern Kazakhstan. T. I. Isachenko. Trudy Bot. inst. Ser. 3 no. 13: 144-463 '61.

KAZAKHSTAN—BOTANY—CLASSIFICATION
List of plants according to their forms of life and ecologic and phytocoenological type. I. V. Borisova and others. Trudy Bot. inst. Ser. 3 no. 13:487-514 '61.

KAZAKHSTAN—BUDGET
Kim, I. L. [Budget and developing the economy and culture of Kazakhstan] Biudzhet i razvitie ekonomiki i kul'tury Kazakhstana. Alma-Ata, Kazakhskoe gos. izd-vo, 1961. 114 p.

KAZAKHSTAN—COMBINES (AGRICULTURAL MACHINERY)
Combine stretches its wings. R. Podol'nyi. Znan. sila 37 no. 1:26-29 Ja '62.

KAZAKHSTAN—COMMUNIST ETHICS
He who does not work does not eat. P. Kudriavtsev. 31 no. 10 41-44 O '61.

KAZAKHSTAN—COMMUNIST PARTY OF THE SOVIET UNION
Formation of the party organization in the Republic. P. M. Pakhmurnyi. Izv. AN Kazakh. SSR. Ser. ist., arkheol. i etn. no. 3 3-16 '61.

KAZAKHSTAN—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK
Party of the Soviet people. P. Pakhmurnyi. Part. zhizn' Kazakh. 31 no. 10:10-15 O '61.

KAZAKHSTAN—CONIFERAE
Results of the introduction of coniferous species for landscape work in the northern part of central Kazakhstan. O. A. Voevodin, G. V. Grigor'ev. Trudy Karag. bot. sada 1.19-29 '60.

KAZAKHSTAN—CRIMINAL PROCEDURE
Some problems of criminal procedure relating to the preparation of the criminal procedure code of the Kazakh S. S. R. E. S. Zelikson. Uch. trudy Kazakh. gos. un. Ser. iur. no. 5:210-222 '59.

KAZAKHSTAN—CRINOIDEA, FOSSIL
Stems of crinoids from upper Silurian sediments of the Aksarly Mountains (central Kazakhstan). G. A. Stukalina. Inform. sbor. VSEGEI no. 42:31-42 '61.

KAZAKHSTAN—CULTURE
From the history of the development of science in Soviet Kazakhstan, beginning of 1920's. Kh. I. Bisenov. Izv. AN Kazakh. SSR Ser. ist., arkheol. i etn. no. 3 41-54 '61.

KAZAKHSTAN—ECONOMIC CONDITIONS
The Irtysh River side by side with the Angara and Yenisey rivers. T. Gankievich. Part. zhizn' Kazakh. 31 no. 10 27-31 O '61.

Kim, I. L. [Budget and developing the economy and culture of Kazakhstan] Biudzhet i razvitie ekonomiki i kul'tury Kazakhstana. Alma-Ata, Kazakhskoe gos. izd-vo, 1961. 114 p.

Legend of Aldabergenov. Sabit Mukanov. Oktiabr' 38 no. 7 6-7 Jl '61.

On the eve of the historical congress. Part. zhizn' Kazakh. 31 no. 10:3-9 O '61.

KAZAKHSTAN—ELECTRIC DRIVING
Principal results of research in the field of automatic control. E. V. Chuprilanov. Trudy Inst. energ. AN Kazakh. SSR 2;103-113 '60.

KAZAKHSTAN—ELECTRIC POWER PLANTS
Let's build electric power stations faster. Part. zhizn' Kazakh. no. 11 42-43 N '61.

KAZAKHSTAN—ELECTRIC POWER PRODUCTION
Features in using gas turbines in the electric power systems of Kazakhstan. V. I. Khmyrov. Trudy Inst. energ. AN Kazakh. SSR 2;88-94 '60.

KAZAKHSTAN—GRASSES
Biology and principal forms of life of the perennial dicotyledonous herbaceous plants in the steppe phytocoenoses of northern Kazakhstan. I. V. Borisova. Trudy Bot. inst. Ser. 3 no. 13;54-132 '61.

KAZAKHSTAN—HORSE MEAT
Let's develop horse breeding for meat production. L. Chulkov. Part. zhizn' Kazakh. 31 no. 10:37-39 O '61.

KAZAKHSTAN—HYDRAULIC STRUCTURES
Principal results of the hydrological studies of the surface water runoff in Kazakhstan. Z. T. Berkaliev. Trudy Inst. energ. AN Kazakh. SSR 2;201-207 '60.

KAZAKHSTAN—INLAND WATER TRANSPORTATION
Inland water transportation in the Kazakh S. S. R. P. Morozov. Rech. transp. 20 no. 11:10-11 N '61.

KAZAKHSTAN—INTERCONNECTED ELECTRIC UTILITY SYSTEMS
Principal basis for the creation and development of the consolidated electric power system of Kazakhstan. S. IA. Maizel'. Trudy Inst. energ. AN Kazakh. SSR 2;73-81 '60.

KAZAKHSTAN—IRON INDUSTRY
The economic effectiveness of developing ferrous metallurgy in Siberia and Kazakhstan. E. B. Luk'ianov. Och. po sovr. sov. i zarub. ekon. no. 1:124-145 '60.

KAZAKHSTAN—JOURNALISM
The voice of the volunteer workers rings loud. K. Sharipov. Sov. pech. no. 1;19 Ja '62.

KAZAKHSTAN—JUSTICE, ADMINISTRATION OF
How the public prosecutors of the Kazakh. S. S. R. supervise the judicial examination of civil lawsuits. A. S. Shevchenko. Uch. trudy Kazakh. gos. un. Ser. iur. no. 5: 294-302 '59.

KAZAKHSTAN—LABOR LAWS AND LEGISLATION
How public prosecutors supervise the observance of labor laws. K. Abzhanov, T. Urazaliev. Uch. trudy Kazakh. gos. un. Ser. iur. no. 5:286-293 '59.

KAZAKHSTAN—LEATHER INDUSTRY—TECHNOLOGICAL INNOVATIONS
Innovators of the Petropavlovsk Leather Factory. N. A. Ulanov. Kozh.-obuv. prom. 3 no. 11 36-37 N '61.

KAZAKHSTAN—MEDICINE—BIBLIOGRAPHY
"Public health and medicine in prerevolutionary Kazakhstan" by V. O. Grebenshchikov. Reviewed by K. Makirov, N. Azhigaliev. Sov. med. 25 no. 9:153 S '61.

KAZAKHSTAN—MILDEW
[Flora of sporeforming plants of Kazakhstan] Flora sporovykh rastenii Kazakhstana. Alma-Ata. Izd-vo Akad. nauk Kazakhskoi SSR.
Vol. 3. [Mildew] Muchnisto-rosianye griby. [By] M. P. Vasiagina i dr. 1961. 468 p.

KAZAKHSTAN—MINES AND MINERAL RESOURCES
Let's make better use of mineral resources. K. Sadvakasov. Part. zhizn' Kazakh. 31 no. 10:49-52 O '61.

KAZAKHSTAN—MUNICIPAL SERVICES
Important changes. D. Kononenko. Zhil.-kom. khoz. 11 no. 10:9-10 O '61.

KAZAKHSTAN—NEWSPAPER AND PERIODICAL CIRCULATION
Improve the sale of newspapers and periodicals in Kazakhstan. M. Podol'skii. Raspr. pech. no. 5:14-17 My '61.

Newspapers and periodicals in every village. Part. zhizn' Kazakh. no. 11:44-46 N '61.

KAZAKHSTAN—PHYSICAL GEOGRAPHY
Physicogeographical conditions of northern Kazakhstan. A. V. Kalinina. Trudy Bot. inst. Ser. 3 no. 13:7-35 '61.

KAZAKHSTAN—PINE
Effect of precipitation and its distribution on the growth of pine in height in isolated pinewoods of Kazakhstan. N. A. Voronkov. Vest. Mosk. un. Ser. 6: Biol., pochv. 17 no. 1:59-64 Ja-F '62.

Pine in the insular forests of northern Kazakhstan. S. A. Petrov. Bot. zhur. 46 no. 12:1811-1814 D '61.

KAZAKHSTAN—POPLAR
Introduction of poplars in central Kazakhstan. G. V. Grigor'ev. Trudy Karag. bot. sada 1 30-52 '60.

KAZAKHSTAN—POWER ENGINEERING
Development of power engineering in Kazakhstan for the last 40 years. Sh. Ch. Chokin. Trudy Inst. energ. AN Kazakh. SSR 2;5-30 '60.

Principal basis for the development of power engineering in Kazakhstan. A. B. Reznikov. Trudy Inst. energ. AN Kazakh. SSR 2;40-48 '60.

KAZAKHSTAN—RAILROADS—EMPLOYEES
From the history of the formation of a railroad proletariat in prerevolutionary Kazakhstan. M. Kh. Asylbekov. Izv. AN Kazakh. SSR. Ser. ist., arkheol. i etn. no. 3: 55-67 '61.

KAZAKHSTAN—RETAIL TRADE
Let's put worthy people behind the counter. V. Maksimov. Part. zhizn' Kazakh. no. 11:64-68 N '61.

KAZAKHSTAN—REVOLUTION, 1917-1921
The October Revolution and the establishment of Soviet rule in Kazakhstan. S. S. Sartaev. Uch. trudy. Kazakh. gos. un. Ser. iur. no. 5:25-44 '59.

KAZAKHSTAN—RIVERS
Principal basis for the overall use of the water power resources of the rivers of Kazakhstan. N. S. Kaitukov. Trudy Inst. energ. AN Kazakh. SSR 2;103-200 '60.

Study and calculation of the characteristics of the Spring water runoff of the rivers of the plains of Kazakhstan. K. B. Shergina. Trudy Inst. energ. AN Kazakh. SSR 2;205-216 '60.

KAZAKHSTAN—ROCKS, IGNEOUS
Absolute age of the granitoid intrusions in the southern part of central Kazakhstan. A. I. Ivanov, V. K. Monich, N. I. Zamiatin. Biul. Kom. po opr. abs. vozr. geol. form. no. 4:30-47 '61.

KAZAKHSTAN—RUNOFF
"Hydrological regime of rivers in central, northern, and western Kazakhstan" by Z. T. Berkaliev. Reviewed by G. R. Ilnusov. Meteor. i gidrol. no. 1.57-60 Ja '62.

KAZAKHSTAN—SCIENCE
From the history of the development of science in Soviet Kazakhstan, beginning of 1920's. Kh. I. Bisenov. Izv. AN Kazakh. SSR. Ser. ist., arkheol. i etn. no. 3.41-54 '61.

KAZAKHSTAN—SKIN—CANCER
Skin cancer in Kazakhstan. V. A. Smirnov. Vop. onk. 7 no. 8:21-29 '61.

KAZAKHSTAN—SOILS
Petrologic complexes of the vegetative cover of rocky steppes in the central Kazakh peneplain. Z. V. Karamysheva. Bot. zhur. 46 no. 8:1183-1186 Ag '61.

KAZAKHSTAN—STEPPE FLORA
Principal zonal types of the northern Kazakhstan steppe vegetation. T. I. Isachenko, E. I. Rachkovskaia. Trudy Bot. inst. Ser. 3 no. 13;133-307 '61.

Sandy steppes of northern Kazakhstan; psammophytic variants of the steppe. A. V. Kalinina. Trudy Bot. inst. Ser. 3 no. 13;398-443 '61.

KAZAKHSTAN—STOCK AND STOCKBREEDING
Autumn make us hurry. Part. zhizn' Kazakh. 31 no. 10: 57-58 O '61.

KAZAKHSTAN—SUGAR INDUSTRY
Stop lagging behind in building and reconstructing sugar factories in Kazakhstan. A. S. Gal'perin. Sakh. prom. 35 no. 11:9-10 N '61.

KAZAKHSTAN—[illegible]
[illegible] Al'manakh o[illegible] I. Bogatenkova. Part. zhizn' Kazakh. 31 no. 10:52 O '61.

KAZAKHSTAN—TRADE UNIONS

"Trade unions of Soviet Kazakhstan" by A. Akhmetov and others. Reviewed by L. Andreeva. Part. zhizn' Kazakh. no. 11 75-78 N '61.

KAZAKHSTAN—WATER POWER

Principal basis for the overall use of the water power resources of the rivers of Kazakhstan. N. S. Kalachev. Trudy Inst. energ. AN Kazakh SSR 2;193-200 '60

KAZAKHSTAN—WATER SUPPLY

Principal results of the hydrological studies of the surface water runoff in Kazakhstan. Z. T. Berkaliev. Trudy Inst. energ. AN Kazakh. SSR 2;201-207 '60.

Study and calculation of the characteristics of the Spring water runoff of the rivers of the plains of Kazakhstan. K. B. Shargina. Trudy Inst. energ. AN Kazakh. SSR 2;200-216 '60.

KAZAKHSTAN—WIND POWER

Principal results of the studies of some types of wind-driven generators in Kazakhstan. F. I. Serov. Trudy Inst. energ. AN Kazakh. SSR 2;101-107 '60

Principal results of the study of wind currents in Kazakhstan. V. I. Kravchenko, K. M. Mirzakeev. Trudy Inst. energ. AN Kazakh SSR 2;95-100 '60.

KAZAKHSTAN—WOODY PLANTS

Optimum water conditions for trees and shrubs in Karaganda Province. O. V. Troitskaia. Trudy Karag. bot. sada 1 53-64 '60

KAZAKOV, MIKLAI, 1918-

"Selected works" by Miklai Kazakov Reviewed by K. Pavlov. Neva no. 7;193-194 '61

KAZAN—WATER, UNDERGROUND

Kashkanov, S. G. [Ground water of Kazan] Gruntovye vody g. Kazani. [Kazan'] Izd-vo Kazanskogo univ., 1959. 161 p.

[MICROFILM]

KEDABEK DISTRICT—AMMONOIDEA

Kelloway ammonites in Kedabek District, Azerbaijan. M. R. Abdulkasumzade, T. A. Gasanov Izv. AN Azerb. SSR. Ser. geol.-geog. nauk i nefti no. 4;25-36 '61.

KEDABEK DISTRICT—APOPHYLLITE

Apophyllite from Kedabek District. S. A. Makhmudov. Izv. AN Azerb. SSR. Ser. geol.-geog. nauk i nefti no. 5; 33-39 '61.

KEDABEK DISTRICT—SOIL CONSERVATION

Fundamental agricultural practices in the prevention of erosion on the "Krasnyi Oktiabr'" Collective Farm in Kedabek District. V. V. Mishinkina. Izv. AN Azerb SSR Ser. biol. i med. nauk. no 10'117-125 '61.

KEDROV, M. S.

New materials for the biography of M. S. Kedrov. G. K. Ol'shevskaia. Ist. arkh. 7 no. 3 278-279 My-Je '61.

KEDROV, MIKHAIL NIKOLAEVICH, 1893-

Mikhail Kedrov. Andrei Petrov. Teatr 23 no. 1;67-69 Ja '62.

KEITEL, WILHELM, 1882-1946

Bankruptcy of the strategy of German militarism (from depositions of Field Marshal-General Keitel). Voen.-ist. zhur. 3 no. 9;77-87 S '61.

KEKAUMENOS

"Prolegomena to a critical and annotated edition of the "Counsels and Narratives" of Kekaumenos" by P. Lemerle. Reviewed by G. G. Litavrin, A. P. Kazhdan. Viz vrem. 20;279-296 '61.

KEKKONEN, URHO KALEVA, 1900-

Urho Kekkonen is president of Finland. Nov. vrem. 20 no 9;2-3 F '62.

KEMAL, NAMIK, 1840-1888

Namik Kemal's social and political views. IU. A. Petrosian. Krat. soob. Inst. nar. Azii no 30.183-187 '61.

KEMERI—HEALTH RESORTS, WATERING PLACES, ETC.

Changes in cutaneous and vascular reactions in chronic eczema at the "Kemeri" health resort [with summary in English]. P. IA. IAkobson Vest. derm. i ven. 35 no 12;33-37 D '61.

KEMEROVO—COKE INDUSTRY—LABOR PRODUCTIVITY

Kemerovo Order of Lenin coke-chemical plant. Koks i khim. no. 10;40-41 O '61.

KENYA—POLITICS AND GOVERNMENT

Problems of Kenya. O. TSvetaev. Nov. vrem. 20 no 8;14-15 F '62.

KERCH—INSCRIPTIONS, GREEK

Greek inscriptions from Tmutorokan. E. Ch. Skrzhinskaia. Viz. vrem. 18;74-84 '61.

KERCH PENINSULA—CHERNOZEM SOILS

Some characteristics of Chernozem soils of Kerch Peninsula developed on Maiotic clays, measures for increasing their fertility N. F. Sevast'ianov. Nauch. trudy Ukr. nauch.-issl. inst. pochv 5 160-171 '61

KERCH PENINSULA—IRON ORES

Prospects for the dressing of Kerch deposit iron ores. M. M. Kruglikov. Obog. i ud. 6 no. 5 8-8 '61.

KERCH STRAIT—FOULING OF SHIP BOTTOMS

Fouling of ships sailing in the Sea of Azov and the Kerch Strait. E. M. Lebedev. Trudy Inst. okean 49;118-136 '61

KERER, RUDOLF

Pianists. Bokar, Mstislav Smirnov. Sov. muz. 25 no. 8,98-100 Ag '61.

KERESZTURY, FERENC, 1735-1811

Ferenc Keresztury, Hungarian physician and professor of anatomy and surgery at Moscow University K. K. Sil'vai. Sov. med. 25 no 9;146-149 S '61

KEROSENE

Ozone-adsorption desulfurization of straight-run kerosene distillate. E. N. Pitskhelauri, T. A. Pospelova, V. S. Kruglikova. Izv. vys. uchob. zav. neft' i gaz 4 no. 6;81-87 '61.

KESTENGA (KARELIA)—WORLD WAR, 1939-1945

In a defile formed by two lakes. G. Martynovskii. Voen. vest. 41 no. 7;26-27 Jl '61.

KETMEN'-TYUBE—SALTS

Salt deposits of Ketmen'-Tyube and prospects for their utilization. E. G. Druzhinin, L. D. Batyrchiev. Zhur. prikl. khim. 34 no 11 2370-2378 N '61.

KETONE

Catalytic condensation of Schiff bases with methyl-α-naphthyl ketone. N. S. Kozlov, L. A. Shur. Izv. vys. uchob. zav. khim. i khim. tekh. 4 no. 4;614-616 '61.

Synthesis of 1,3-dicyclopropyl-2-butene-1-one. A. P. Meshcheriakov, V. G. Glukhovtsev. Izv. AN SSSR, Otd. khim. nauk no. 1 176-178 Ja '62.

KHABAROVSK—LANDSCAPE GARDENING

We are landscaping our own section. A. Emelevskaia. Zhil.-kom. khoz. 11 no. 10;22 O '61.

KHABAROVSK—MUSIC

They love music in Khabarovsk O. Fel'tsman. Sov. muz. 26 no. 1;116-117 Ja '62.

KHABAROVSK TERRITORY—NEMATODA

Deciphering the developmental cycle of the nematode Thelazia callipaeda parasitic in the eye of man and carnivorous mammals. D. P. Kozlov Dokl. AN SSSR 142 no. 3;732-733 Ja '62.

KHAKASS AUTONOMOUS PROVINCE—EVENING AND CONTINUATION SCHOOLS

In the course of reorganization. P. A. Amirskii. Vech. sred. shkola 4 no. 6;31-33 N-D '61.

KHANAMIROV, ALEKSANDR RUBENOVICH, 1901-

Professor Aleksandr Rubenovich Khanamirov (On his 60th birthday). Vest. otorin. no. 6;104-105 '61.

KHANKA PLAIN—BOTANY

Dynamics of the vegetative cover in the eastern part of Khanka Plain in connection with the changes in its water conditions. G. E. Kurentsova, M. A. Skripka. Bot. zhur. 46 no. 8;1177-1182 Ag '61.

KHARKOV—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Pohorel'tsev, O. IA. [Let's praise and glorify labor] Chest' i khvala pratsi. [Kharkiv] Kharkivsko knyzhkove vyd-vo, 1961. 21 p. (Agitator dilyt'sia dosvidom)

KHARKOV—ECONOMIC POLICY

Kondrat'ov, N. F., and A. F. Mikhailik. [Kharkov in the seven-year plan] Khar'kov v semiletke. [Khar'kov] Khar'kovskoe knizhnoe izd-vo, 1961. 112 p.

[MICROFILM]

KHARKOV—ELECTRIC MACHINERY INDUSTRY

Bereshnyi, N. K. [In close contact with life] U tisnomu zv'iazku z zhyttiam. [Kharkiv] Kharkivs'ke knizhnoe vyd-vo, 1961. 14 p. (Ahitator dilyt'sia dosvidom)

KHARKOV—TRACTOR INDUSTRY

Movenko, I. M. [In my brigade] V moei brigade. [Khar'kov] Khar'kovskoe knizhnoe izd-vo, 1961. 15 p. (Peredoviki semiletki)

KHARKOV—TURBINES

Kharkov turbine plant. Nauka i zhizn' 28 no. 10;68-71 O '61.

KHARKOV—WAGES—TRACTOR INDUSTRY

V. I. Lenin on the improvement of wage forms and systems as a condition for the growth of labor productivity. A. S. Pogorelyi. Sbor. nauk. rab. kaf. polit. ekon. vuzov g. Khar. no. 3;143-149 '60.

KHARKOV PROVINCE—CHERNOZEM SOILS

Effect of gypsum on the microflora of deep Chernozem soils in Kharkov Province. A. A. Obraztsova, M. P. Petrenko. Nauch. trudy Ukr. nauch.-issl. inst. pochv. 5 26-34 '61

KHARKOV PROVINCE—ECONOMIC CONDITIONS

[How Kharkov Province workers struggled for the establishment of the foundation of a socialist economy, 1926-1932, collected documents and materials] Borot'ba trudiashchikh Kharkivshchyny za pobudovu fundamentu sotsialistychnoi ekonomiky, 1926-1932, zbirnyk dokumentiv i materialiv. [Kharkiv] Kharkivs'ke knyzhkove vyd-vo, 1959. 700 p.

KHARKOV PROVINCE—EDUCATION, PRESCHOOL

Pedagogical lectures. A. Korol'kova, A. Orlenko. Doshk. vykh 23 no 2;46-47 F '62

KHARKOV PROVINCE—HOSPITALS—OUTPATIENT SERVICES

Dispensary treatment of patients with lupus erythematosus in Kharkov Province. B. Z. Bron. Vest. derm. i ven. no 1-57-59 '62.

KHARKOV PROVINCE—NOTARIES

Rural and settlement soviets should improve the registration of legal documents. P. IAshchuk Rad. pravo no. 4;35-36 Jl-Ag '61.

KHERSON PROVINCE—EDUCATION, COOPERATIVE

Production training council. M. S. Bilyi, G. P. Katrenko. Rad. shk. 40 no. 1;49-51 Ja '62.

KHERSON PROVINCE—PHYTOPLANKTON

Pond phytoplankton in southern districts of Nikolaev and Kherson Provinces in the Ukrainian S. S. R. D. A. Radzimovskii. Trudy Gidrobiol. ob-va 11 12-27 '61

KHIBINY MOUNTAIN REGION—KARST

Relief of the preglacial weathered surface south of the Khibini Mountains and evidence of the ancient karst. M. I. Gravis. Vop. geomorf. i geol. osnad. pokr. Kol', polunost. 1;160-171 '60.

KHIBINY MOUNTAINS—GEOMORPHOLOGY

Formation of the relief and Quaternary sediments of the Khibiny Mountains. A. D. Arkhipov. Vop. geomorf. i geol. osnad. pokr. Kol', polunost. 1 32-34 '60.

KHIVA—HISTORY

Baiani's work "Genealogy of the Khorezm as a source for Turkmen history. IU. E. Bregel'. Krat. soob. Inst. nar Azii no. 44;125-157 '61.

KHOREZM PROVINCE—COTTON GROWING

Khorezm Province at the new frontier. Nar. khoz. Uzb. 4 no. 1;75-76 Ja '62.

KHOREZM PROVINCE—ECONOMIC POLICY

Khorezm Province at the new frontier. Nar. khoz. Uzb. 4 no. 1;75-76 Ja '62.

KHRUSHCHEV, NIKITA SERGEEVICH, 1894-

N. S. Khrushchev visits the Biurakan Observatory. Soob. Biur. obser. no. 29;3-6 '61.

Our Nikita Sergeevich. Iak. kino no. 7-26 Jl '61.

KHUBSUGUL DISTRICT, MONGOLIA—ECONOMIC CONDITIONS

In the Khubsugul District. Sovr. Mong. 6 no. 6-4-6 S '61.

KIBAL'CHICH, NIKOLAI IVANOVICH, 1854-1881

"Nikolai Kibal'chich, revolutionary and scientist" by A. Chernikh. Reviewed by A. Kravets. Neva no. 7; 190-191 '61.

KIDNEYS

Cytological changes in the urinary sediment of the kidney under the influence of mercurial [with summary in English]. V. G. Petrova. Biul. eksp. biol. i med. 52 no. 10; 71-75 O '61

Effect of aerated Borzhomi water on the excretory function of the kidneys. N. A. Tikhonov. Vop. kur., fizioter. i lech. fiz. kul't. 26 no. 6;503-509 N-D '61.

Effect of hexamine on the functional state of the kidneys [with summary in English]. N. A. Pavlushchenko. Vrach. delo no. 12;70-75 D '61.

Effect of pentamine on kidney function. I. M. Romendik. Khim. i med. no. 15;130-135 '60.

Functional state of the kidneys in patients with diabetes mellitus treated with artosin. S. M. Gusman, M. A. Alekperov. Terap. arkh. no. 6;69-72 '61.

KIDNEYS—ABNORMITIES AND DEFORMITIES

Anomalies in the development of the kidneys in children. E. N. Tishina, N. I. Soboleva, M. P. Butsenfel'd. Vop. okh. mat. i det. 6 no. 8;75-80 Ag '61.

Unusual dystopia of renal tissue. Arkh. pat. no. 1;81-83 '62.

KIDNEYS—BLOOD SUPPLY

Characteristics of the peripheral and renal vessels' reactions to interoceptor stimulations in the normal state and in experimental renal hypertension [with summary in English]. A I Vyshatina. Biul eksp biol i med. 52 no.8:25-31 Ag '61

KIDNEYS—DISEASES

Change in the electrophoretic profile of blood serum proteins in acute nephritis in children [with summary in English]. V.I Verbitskii. Sov med 25 no 8 66-71 Ag '61.

Clinical, functional, and morphological characteristics of amyloid nephrosis in tuberculosis B M Kovaliv, V. I. Podusovskii. Sov med. 25 no 8:20-28 Ag '61

Data on the characteristics of renal circulation in diffuse nephritis [with summary in English]. M. I. Frankfurt, A. K. Merzon. Terap arkh. no 6:51-61 '61.

Detoxication function of the liver in kidney diseases in children [with summary in English] E. T. Bossova, L. S. Shalyt, V. A. Zernova. Vop okh. mat i det. 6 no. 8 16-20 Ag '61.

Diagnostic value of Pasternatskii's symptom TS G. Maxmanian. Sov med 25 no. 9:125-127 S '61

Diuretic action of mercusal in kidney diseases. V. N. Gorbenko Vrach. delo no 12,147-148 D '61

Hemotherapy of renal complications in patients with suppurative surgical diseases A S Kukel' Probl. gemat. i perel krovi no 2 42-44 '62

Protein-lipoid changes in the blood in renal pathology [with summary in English] D. N. Rozenshtein. Terap arkh no. 6:61-68 '61

Renal lesions in infectious nonspecific (rheumatoid) polyarthritis [with summary in English] M V Kurashova. Sov. med. 25 no. 8,58-62 Ag '61

Treatment of acute renal failure. E. S. Sigal Sov. med. 25 no. 9:110-111 S '61.

Uncontrolled vomiting in nephritis in a patient with a horseshoe-shaped kidney. P S. Bazhenov. Vest. khir. no. 6:114 '61.

Ureteropyeloplasty of a single pyonephrotic kidney. S. A. Kagan. Vest. khir. no. 6 112-113 '61.

Use of Tibon in treating the nephrotic syndrome [with summary in English]. E. I. Fridman Vop okh mat i det 6 no. 8:7-11 Ag '61.

Vitamin A and carotene content of blood in nephropathies in children [with summary in English]. E. I. Fridman, E. A. Ivanova, E. A. Lakotkina. Vop. okh. mat. i det. 6 no. 8:11-15 Ag '61.

KIDNEYS—HYDATIDS

Three cases of giant echinococcosis of the kidney. M. I. Petukhov. Sov med 25 no 9 128-130 S '61

KIDNEYS—HYPERTROPHY AND DILATATION

Compensatory hypertrophy of ischemic kidneys [with summary in English] A Kh Kogan, V V Serov Biul eksp biol. i med. 52 no 10 39-43 O '61.

KIDNEYS—SURGERY

Nephropexy with the aid of capron. D. P. Chukhrienko. Vest. khir. no. 6:110-111 '61.

Partial excision of the kidney in tuberculous lesions A. V. Arvazian. Vest. khir. no. 6:115-117 '61.

Technic for secondary nephrectomy. O. V. Otkhmezuri. Vest. khir. no. 6:63-66 '61.

Ureteropyeloplasty of a single pyonephrotic kidney. S. A. Kagan. Vest. khir. no. 6:112-113 '61.

KIDNEYS—TRANSPLANTATION

Effect of adrenaline on the function of a transplanted reinnervated kidney A A Lebede

KIEV—COMMUNIST EDUCATION

Let's develop strong communist tenets in youth. G. P. Proshchaniuk Rad. shk 40 no 1 14-17 Ja '62.

KIEV—CYBERNETICS

Kiev section of cybernetics. L. A. Kaluzhnin, A. A. Stognii. Probl. kib. no. 5.300-302 '61

KIEV—EXHIBITIONS

People's Poland exhibits. Nauka i zhyttia 11 no. 10'57 O '61

KIEV—LEATHER INDUSTRY

From the practices of Kiev leather factories L I. Esipenko Kozh -obuv prom 3 no. 11 11-11 N '61.

KIEV—MACHINE-TOOL INDUSTRY

A plant transfers to the production of new automatic machine tools; the Gorkii Plant of Automatic Machine Tools in Kiev. G. Sverbilov, P. Tarasinkevich Ekon. Sov. Ukr. no. 4:90-95 Jl-Ag '60.

KIEV—MALARIA

Cases of malaria contracted in mental hospitals and the problems of malaria control L V. Gromachevskii, M. K. Gritsai, K V. Prokopovich. Vrach. delo no 6 84-88 Je '61

KIEV—MOTION PICTURE INDUSTRY

Kiev Motion-Picture Film Printing Factory is a collective of communist labor. Tekh. kino i telev. 6 no. 1:95 Ja '62.

KIEV—OPERA

The opera "Fate of a man," Nina Matusevych, Vitalii Talovyria. Mystetstvo 8 no. 6:21 N-D '61

KIEV—THEATER

Pages of a chronicle. Heorhii Kryzhyts'kyi. Mystetstvo 8 no 6:32-34 N-D '61.

KIEV—WORLD WAR, 1939-1945

Conference devoted to the heroic defense and liberation of the capital of the Soviet Ukraine, Kiev, from the fascist usurpers. D. Grigorovich, M. Danilluk Voen-ist. zhur. 3 no. 9:102-106 S '61

Lidiia Uvarenko, fighter in the Czechoslovak brigade. V. Aleksandrov Sov. voin 43 no 14:33 Jl '61

KIEV DISTRICT—AGRICULTURE—STUDY AND TEACHING

School experimental farm of a student production brigade. I. M. Emchuk. Rad. shk. 40 no. 1:55-59 Ja '62.

KIEV PROVINCE—AGRICULTURAL ADMINISTRATION

From the practice of standing agricultural committees. V. Skibits'kyi. Rad. pravo no. 4:31-35 Jl-Ag '61.

KILNS

Ginzburg, D. B., and others. [Furnaces and drying apparatus for the silicate industry] Pechi i sushila silikatnoi promyshlennosti. Pod red. P. P. Budnikova. Moskva, Gos. izd-vo lit-ry po stroit. materialam, 1949. 483 p.

Metal kilns. E. A Mikit, K. K. Upmanis, IA. V. Stapran. Der prom 11 no 2 25-26 F '62

Redesigning of the jet reversible kiln. V. F. Savchenko Der prom 11 no. 1 17-18 Ja '62.

KIM-STANKEVICH, ALEKSANDRA PETROVNA, 1885-1918

A. P. Kim-Stankevich, the first people's commissar for foreign affairs of the Soviet Far East. S. Khan. Ist. arkh. 7 no. 3:279-281 My-Je '61.

i under Sumy Province; Ukraine)

eachers. L. Starodub. Doshk. 0 Ja '62

habits. L. M. Es'kina. Doshk. vosp. 52.

bina and others. Doshk. vosp. 35

ional level in kindergartens. Doshk. Ja '62

ign languages. E. S. TSarapkina osp 35 no. 1:41-52 Ja '62.

IC

means of music. R. Krasnobroda'ka. 1:30-36 Ja '62.

subdivision under Sundzhenskiy

ISTRICT—BORING

wells by the turbodrilling and ds in the Kinel'-Cherkassy oil-. A. M. Izosimov. Neft. khoz. 39

ASES see Gases, Kinetic theory

KIRGHIZ

Several types of burial structures among the Kirghiz. S. M. Abramzon Krat. soob. Inst arkheol no. 86:113-116 '61.

KIRGHIZISTAN—ANIMALS AS CARRIERS OF DISEASE

Natural infectivity of wild animals in northern Kirgizhia by the pathogen of Q fever [with summary in English]. V G Evdoshenko, T L. Propeshnaia Vop virus 6 no 5 602-605 S-O '61.

KIRGHIZISTAN—FRUIT

Nut and fruit forests of southern Kirghizistan at the service of the people. S. T Pasechnik. Les. khoz. 14 no. 12:2-3 D '61

KIRGHIZISTAN—GAS, NATURAL—GEOLOGY

Trends and methods of conducting oil and gas prospecting in the Kirghiz S. S. R. G. Dikenshtein. Geol. nefti i gaza 6 no 1,61-63 Ja '62.

KIRGHIZISTAN—LEATHER INDUSTRY

Technological progress in the leather and shoe industry of the Kirghiz S. S. R. I. S. Morozov, D. Z. Fleiman, I. IA. Gatyzhskii Kozh -obuv. prom. 3 no. 12:4-7 D '61.

KIRGHIZISTAN—MOTION-PICTURE PLAYS

A changed man. Z. Finitskaia. Isk. kino no. 12 57-59 D '61.

KIRGHIZISTAN—MUNICIPAL SERVICES

The Kirghiz S.S.R Zhil. -kom. khoz. 11 no. 10 31 O '61.

KIRGHIZISTAN—NUTS

Nut and fruit forests of southern Kirghizistan at the service of the people S. T. Pasechnik. Les khoz. 14 no. 12:2-3 D '61

KIRGHIZISTAN—PETROLEUM GEOLOGY

Trends and methods of conducting oil and gas prospecting in the Kirghiz S. S. R. G. Dikenshtein. Geol. nefti i gaza 6 no. 1:61-63 Ja '62

KIRGHIZISTAN—SHOE INDUSTRY

Technological progress in the leather and shoe industry of the Kirghiz S. S. R. I. S. Morozov, D. Z. Fleiman, I. IA. Gatyzhskii. Kozh. -obuv. prom 3 no 12:4-7 D '61.

KIRGHIZISTAN—WINDS

Specific features of synoptic conditions in the mountain regions of northern Kirghizistan during strong winds. A. A. Listrovoi. Trudy Sred. -Az. nauch. -issl. gidrometeor. inst. no. 4:50-57 '61.

KIROV, SERGEI MIRONOVICH, 1886-1934

Revolutionary work of S. M. Kirov in Tomsk. V. S. Sinitsev. Rev dvizh. v Sib. i na Dal'. Vost. no 1:44-51 '60.

KIROV—LEATHER INDUSTRY—STANDARDS

Maintenance of standards at the Kirov Leather and Fur Works. L. F. Kir'ianova, A. V. Pavlin. Standartizatsiia 26 no. 1:62-63 Ja '62.

KIROV—TRANSPORTATION, AUTOMOTIVE

Automotive transportation unit promotes a better passenger service. V. Kiinitsyn, M. Ostanin Avt. transp. 40 no 1:6-7 Ja '62.

KIROV PROVINCE—PUBLIC HEALTH

In the collegium of the Ministry of Public Health of the R. S. F. S. R. on improving polyclinical attendance for the population of Kirov Province. M. A. Zinkina and V. V. Azlin. Zdrav. Ros. Feder. 5 no. 12:38-40 D '61.

KIROVAKAN—ELECTRIC INDUSTRIES

Type PPR4 potentiometer. Prom. Arm. 4 no. 11:40-41 N '61.

KIROVAKAN—TEXTILE MACHINERY—TECHNOLOGICAL INNOVATIONS

Inventor-enthusiast. N. Nikolaev. Prom. Arm. 4 no. 11:48-49 N '61.

KISELEV, VLADIMIR LEONT'EVICH, 1922-

"Man is able"; a novel by Vladimir Kiselev. Reviewed by Ark. El'iashevich. Neva no. 9:202-203 '61.

KISHCHAY VALLEY—HYDROLOGY

Average perennial discharge of the Kishchay Basin [in Azerbaijani with summary in Russian]. S. G. Rustamov, N. A. Veliev. Izv. AN Azerb. SSR. Ser. geol. -geog. nauk i nefti no. 5:143-154 '61.

KISHCHAY VALLEY—RUNOFF

Genetic classification of mudflow forming centers as revealed by the Kishchay Basin. B. A. Budagov. Izv. AN Azerb. SSR. Ser. geol. -geog. nauk i nefti no. 5:133-141 '61.

KISHCHAY VALLEY—SOIL EROSION

Conference on scientific and practical aspects of the study and control of soil erosion and mudflows in the Kishchay Basin. S. G. Rustamov. Izv. AN Azerb. SSR. Ser. geol. -geog. nauk i nefti no. 3:97-98 '61.

KITCHEN CABINETS

Composite kitchen cabinet. Nauka i zhizn' 28 no. 10: 110 O '61.

KIZEL BASIN—MINE HOISTING

Study of the operation of vertical hoists with two-layer winding of ropes on a drum in mines of the Kizelugol' Combine. G. V. Verstakov. Izv. vys. ucheb. zav.; gor zhur. no. 11:131-137 '61.

KIZIL KUM see Kyzyl Kum

KLIN—CHRISTMAS DECORATIONS

Every product is a choice item. A. Asrtiants. Mest. prom i khud. promys. 2 no 7-16-17 Jl '61

KLYAZ'MA RESERVOIR—FRESH-WATER FLORA

Chemical and sanitary biological role of macrophytes in Klyaz'ma Reservoir N. M. Kabanov Trudy Gidrobiol. ob-va 11 361-369 '61

KLYAZ'MA RIVER—ROTATORIA

Distribution of rotifers in the section of the Klyaz'ma River, its backwaters, and the pond located in the influence zone of the dam. A. S. Bogoslovskii. Trudy Gidrobiol ob-va 11 54-81 '61.

KNEE

Studies of the effect of artificial hydrogen sulfide baths on processes of absorption from the knee joint cavity. Vop. kur. fizioter. i lech. fiz. kul't. 26 no. 6, 532-534 N-D '61.

KNIT GOODS INDUSTRY see subdivision under Rumania

KNITTING MACHINES

Manufacture of elastic bands on the "Vertelka" locknit warp knitter. V. A. Ivanov, A. G. Bachurina Tekst. prom 21 no. 5 64-65 My '61.

Two-unit KAS-22 automatic knitter without casting-off mechanisms. A. A. Shil'meister, A. P. Shil'meister. Tekst. prom. 21 no. 5:66 My '61.

KNIVES see subdivision under Turbine

KNOWLEDGE, THEORY OF

Critical evaluation of the basic principles of the neopositivist theory of knowledge [with summary in English, p 183]. I. S. Narskii Vop filos. 16 no. 1 62-70 '62

Sensory sources of concepts V. N Sagatovskii. Vop. filos 16 no. 1: 123-133 '62.

KNYASPINSKOYE LAKE (SVERDLOVSK PROVINCE)—SAPROPELS

Treatment with sapropel from Knyaspinskoye Lake of diseases of the lumbosacral roots and sciatic nerve in polyclinics. I. G. Klivet. Vop. kur., fizioter i lech. f. kul't. 26 no. 4: 308-309 Jl-Ag '61.

KOBYSTAN—GAS, NATURAL—GEOLOGY

Gas potential of the Kyanizadag anticline in southeastern Kobystan. A. M. Dadashev. Azerb. neft. khoz. 40 no 9:3-5 S '61

KOBZEV, IGOR' IVANOVICH

Poetry moved by romanticism. O. Baranov. Neva no. 6:196-197 '61.

KOCHETOV, VSEVOLOD ANISIMOVICH, 1912-

"Secretary of the district committee" by Vsevolod Kochetov. Reviewed by I. Shchadei Ogonek 40 no. 4, 26 Ja '62.

KOCHUBEYEVSKIY DISTRICT—AGRICULTURAL ADMINISTRATION

Concern for people is the principal feature of party work. N. Chudin. Kommunist 38 no. 3, 67-74 F '62.

KODAKS see Cameras

KOKAND—CLOTHING INDUSTRY—LABOR PRODUCTIVITY

Zimenko, V. V. [In six hours instead of seven; practices of the brigade of communist labor of the Akhunbabaev Clothing Factory in Kokand] Sem' za shest'; opyt brigady kommunisticheskogo truda Kokandskoi shveinoi fabriki im. Akhunbabaeva Tashkent, Gos. izd-vo Uzbekskoi SSR, 1961. 43 p. (Vystavka dostizhenii narodnogo khoziaistva SSSR)

KOKAND—FERTILIZER INDUSTRY

There shall be more fertilizers. V. Baziiev. Nar. khoz. Uzb 4 no. 1:61-62 Ja '62.

KOKAND—HISTORY

People's revolts in Kokand in 1840-1842. R. N. Nabiev. Obshchestv. nauki v Uz. no. 7: 37-49 '61. 11 '61.

KOLA PENINSULA

Kovdor vermiculite deposit and its formation. P. P. Tokmakov. Trudy IGEM no. 48:61-70 '61.

KOLA PENINSULA—BIRDS

Changes in the fauna of tundra birds of the Kola Peninsula and the arrival of some new species. A. A. Kishchinskii. Probl. Sev. no. 4:165-171 '61.

KOLA PENINSULA—CLAY—ANALYSIS

Composition of the clay fraction of Quaternary sediments in the Kola Peninsula. A. P. Afanas'ev. Vop. geomorf. i geol. osad. pokr. Kol'. poluost. 1:151-159 '60.

KOLA PENINSULA—DIATOMACEOUS EARTH

Find of diatomaceous sediments in the Magazin-Muayur Ridge region (northeastern part of the Kola Peninsula). L. L. Garifulin. Vop. geomorf. i geol. osad. pokr. Kol'. poluost 1:172-175 '60.

KOLA PENINSULA—DRIFT

Recent glaciation of the northeastern Kola Peninsula. N. N. Armand. Vop. geomorf. i geol. osad. pokr. Kol'. poluost. 1:136-150 '60.

KOLA PENINSULA—FORESTS AND FORESTRY

Akademiia nauk SSSR, Institut lesa i lesokhimii. [Forests of Kola Peninsula and their restoration] Lesa Kol'skogo poluostrova i ikh vozobnovlenie. Moskva, Izd-vo Akad. nauk SSSR, 1961. 186 p.

(DA)

KOLA PENINSULA—GEOLOGY

Brief news. Vop. geomorf. i geol. osad. pokr. Kol'. poluost. 1:192-193 '60.

"Quaternary geology of the Kola Peninsula" by M. A. Lavrova. Reviewed by G. S. Blake. Vop. geomorf. i geol. osad. pokr. Kol'. poluost. 1:176-179 '60.

KOLA PENINSULA—GEOLOGY, STRATIGRAPHIC

Stratigraphy of moraines and glacial deposits in the western part of the Kola Peninsula. A. A. Nikonov. Vop. geomorf. i geol. osad. pokr. Kol'. poluost. 1:121-135 '60.

Stratigraphy of sediments and paleogeography of late-glacial sea basins in the Lotta Depression. A. A. Nikonov. Vop. geomorf. i geol. osad. pokr. Kol'. poluost. 1:85-120 '60.

KOLA PENINSULA—PEGMATITES

Mineralogy of Yena pegmatite veins. E. D. Beltiukina. Trudy IGEM no. 48:40-46 '61.

KOLA PENINSULA—ROCKS, IGNEOUS

Absolute age of the Lovozero and other alkaline massifs in the Kola Peninsula I. D. Bespalova, F. I. Semenov. Biul. Kom. po opr. abs. vozr. geol. form. no. 4:77-80 '61.

KOLA PENINSULA—ROCKS, SEDIMENTARY

Some problems in the study of the sedimentary cover of the Kola Peninsula. A. V. Sidorenko. Vop. geomorf. i geol. osad. pokr. Kol'. poluost. 1:5-31 '60.

KOLESSA, NIKOLAI FILARETOVICH

Composer, conductor, teacher. E. Shteinberg. Sov. muz. 26 no. 1 25-30 Ja '62.

KOLKHIDA see Colchis

KOLKHOZES see Collective farms

KOLYMA GULF—OCEAN TEMPERATURE

Heat content of waters in the Kolyma Gulf. G. S. Rezakov. Probl. Arkt. i Antarkt. no. 9:29-35 '61.

KOLYMA RANGE REGION—ROCKS, IGNEOUS

Recent data on the age of eruptive rocks in the western part of the Verkhoyansk-Kolyma folded region. N. I. Nenashev. Dokl AN SSSR 142 no. 3:657-660 Ja '62.

KOLYMA VALLEY—GOLD ORES

Age of the Vostochnoye gold ore deposit in connection with the determination of the absolute age of igneous rocks in the Khatynnakh intrusive in the Kolyma Basin. L. V. Firsov. Biul. Kom. po opr. abs. vozr. geol. form no. 4:48-55 '61.

KOLYMA VALLEY—ROCKS, IGNEOUS

Age of the Vostochnoye gold ore deposit in connection with the determination of the absolute age of igneous rocks in the Khatynnakh intrusive in the Kolyma Basin. L. V. Firsov. Biul. Kom. po opr. abs. vozr. geol. form. no. 4:48-55 '61.

KOMI A.S.S.R.—BUMBLEBEES

Bumblebees of the Komi A. S. S. R. and their food. L. M. Kupchikova. Trudy Komi fil. AN SSSR no. 9:82-91 '60.

KOMI A.S.S.R.—DAIRY CATTLE

Dairy cattle in the Far North of the Komi A. S. S. R. I. S. Markov, P. N. Shubin. Trudy Komi fil. AN SSSR no. 9:3-15 '60.

KOMI A.S.S.R.—DIPTERA

Observations on bloodsucking insects and their daily activity in the Komi A. S. S. R. E. N. Gabova. Trudy Komi fil. AN SSSR no. 9:92-95 '60.

KOMI A.S.S.R.—HYDROELECTRIC POWER STATIONS

Utilization of small and medium-size watercourses of the forest zone for transportation and power generation purposes. A. F. Anufriev. Trudy Komi fil. AN SSSR no. 9:130-134 '60.

KOMI A.S.S.R.—LUMBER—TRANSPORTATION

Utilization of small and medium-size watercourses of the forest zone for transportation and power generation purposes. A. F. Anufriev. Trudy Komi fil. AN SSSR no. 9:130-134 '60.

KOMI A.S.S.R.—PETROLEUM—PIPELINES

Oil pipeline comes from the taiga. Izv. vys. ucheb. zav.; neft' i gaz 4 no. 6:122 '61

KONAKOVO—CERAMICS

Soul of the plain clay N. Tolchenova Ogonek 40 no 4: 25 Ja '62.

KONENKOV, SERGEI TIMOFEEVICH, 1874-

Mashurovskii, D. I. [Sculptor Sergei Konenkov] Skul'ptor Sergei Konenkov. Moskva, Izd-vo "Znanie," 1961. 29 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 10, Molodezhnaia, no. 23)

KONOVALOV, NIKOLAI VASIL'EVICH, 1900-

Human being, scholar, and physician. Reviewed by A. Turbin. Nauka i zhizn' 28 no. 10:76-80 O '61.

KOPET-DAG—MILK VETCH

Prospective species of astragals for cultivation in Kopet-Dag. L. I. Ishchenko. Izv. AN Turk. SSR, Ser. biol. nauk no. 6:18-26 '61.

KOPYL DISTRICT—AGRICULTURE

After the party congress. A. Krasnevskii. Belarus' 10 no. 1:8 Ja '62.

KOREA—AGRICULTURE

Building socialism in the agriculture of the Korean People's Democratic Republic, 1953-1961. I. G. Korolev Krat. soob. Inst. nar. Azii no. 50 46-57 '61

KOREA—FOREIGN RELATIONS—UNITED STATES

The Korean question in the first years of the war in the Pacific, 1941-1943. V. B. Vorontsov. Krat. soob. inst nar. Azii no. 45:57-70 '61.

KOREA—HISTORY

Goncharov, P. F. [Victory of the Great October Socialist Revolution and the rise of the national liberation movement in the countries of Asia from 1917 to 1923; the examples of China, Mongolia, and Korea] Pobeda Velikoi Oktiabr'skoi sotsialisticheskoi revoliutsii i pod'em natsional'no-osvoboditel'nogo dvizheniia v stranakh Azii v 1917-1923 gg.; na primere Kitaia, Mongolii, Korei. Moskva, Vses. tovarishch. znachnyi in-t, 1960. 55 p.

KOREA—WORLD WAR, 1939-1945

The Korean question in the first years of the war in the Pacific, 1941-1943. V. B. Vorontsov Krat. soob. Inst. nar. Azii no. 45:57-70 '61.

KOREA, NORTH—AGRICULTURE, COOPERATIVE

Practical application of the Marxist-Leninist theory of agricultural cooperation in the Korean People's Democratic Republic. N. S. Bagmet. Trudy KTIPP no. 23:85-95 '60.

Socialist relations have won out in the Korean village. A. Ilin. Nar. khoz. Uzb. 3 no. 8:92-96 Ag '61.

KOREA, NORTH—FOREIGN RELATIONS—RUSSIA

[Conclusion of a treaty of friendship, cooperation, and mutual aid between the Korean People's Democratic Republic and the U. S. S. R.] Zakliuchenie dogovora o druzhbe, sotrudnichestve i vzaimnoi pomoshchi mezhdu KNDR i SSSR. [Pyongyang] 16 p. (Prilozhenie no. 2 k zhurnalu "Novaia Koreia" no. 15, 1961)

KOREA, NORTH—MOTION-PICTURE PLAYS

Before new heights. Sim Yon. Isk. kino no. 12:120-121 D '61.

KOREA, NORTH—RELATIONS (GENERAL) WITH RUSSIA

First friends. Khan San Un. Kul't. i zhizn' 6 no. 1: 35-36 '62.

KOREA, SOUTH—POLITICS AND GOVERNMENT

[To the people of the whole world; the "military coup" fabricated by the American imperialists in South Korea, and their crimes] K narodam vsego mira; o "voennom perevorote," sfabrikovannom amerikanskimi imperialistami v IUzhnoi Koree, i ikh prestupleniiakh. Pyongyang, Izd-vo lit-ry na inostr. iazykakh, 1961. 34 p.

KOREANS see subdivision under Soviet Far East

KORENOVSKAYA—SUGAR INDUSTRY

Workers of the Korenovskaya Sugar Factory are well prepared for the busy season. Sakh. prom. 35 no. 12, 11-12 D '61.

KOROLENKO, VLADIMIR GALAKTIONOVICH, 1853-1921

Letov, B. D. [V. G. Korolenko as editor] V. G. Korolenko - redaktor. [Leningrad] Izd-vo Leningr. univ., 1961. 216 p.

KOROVIN, KONSTANTIN ALEKSEEVICH, 1861-1939

Konstantin Korovin, on the centennial of his birth. A. Zotov Iskusstvo 24 no 12:49-54 '61.

Last years of the life of K. Korovin. V. Bulgakov. Iskusstvo 24 no. 12,61-63 '61

KORUZHAIA, VERA ZAKHAROVNA, 1903-1942

New documents on Vera Khoruzhaia. Submitted by T. D. Liberovskaia. Ist.arkh. 7 no.3 127-131 My-Je '61.

KORYAK FOLKLORE see Folklore, Koryak

KORYUKOVKA—WORLD WAR, 1939-1945—ATROCITIES

Testimony of victims. L. Lesnaia. Ogonek 40 no. 2: 4-7 Ja '62.

KOSHTOIANTS, KHACHATUR SERGEEVICH, 1900-1961

Khachatur Sergeevich [Sedrakovich] Koshtoiants. Ill. A. Shilinis. Sov. zdrav. 20 no. 8:87-88 '61

KOSTROMA—AGRICULTURAL EDUCATION

Study and work go together. A. Vaniashova. Polit. samoobr. 5 no. 7:78-82 Jl '61.

KOSTYNA, MARIIA PETROVNA

Her heart is given to children. D. Kanevs'kyi. Doshk. vykh. 23 no. 1:19 Ja '62.

KOTLAS—WOODPULP INDUSTRY

A combine of progress. A. S. Sil'chenko, P. I. Aksiuchits Bum. prom. 36 no 9 15-17 S '61.

KOTLIAREVS'KYI, IVAN, 1769-1838

M. S. Shchepkin and I. P. Kotliarevs'kyi in the Poltava theater. IAkiv Maistrenko. Mystetstvo 8 no. 6:29-31 N-D '61

KOTSIUBYNS'KYI, MYKHAILO, 1864-1913

Second Republic Academic Conference on M. M. Kotsiubyns'kyi Z M. Hruzman Rad lit 6 no. 1:153-153 Ja-F '62.

KOZIURENKO, OLEKSANDR HRYHOROVYCH

With the weapon of laughter. Mykola Lukashenko. Mystetstvo 8 no 6:26-27 N-D '61

KRASNODAR—OPERETTA

Theater on tour. V. Lantsova. Sov. muz. 26 no. 1 55-57 Ja '62

KRASNODAR TERRITORY—EVENING AND CONTINUATION SCHOOLS

Evening schools of Krasnodar Territory. V. I. Losevskaia. Vech. sred. shkola 4 no. 6:17-21 N-D '61.

KRASNODAR TERRITORY—OIL FIELDS—PRODUCTION METHODS

Improve methods of developing and exploiting oil- and gas-condensate fields of Krasnodar Territory. A. G. Zadov. Neft. khoz. 39 no. 10:56-61 O '61.

KRASNOGORSKII, NIKOLAI IVANOVICH, 1882? - 1961

Nikolai Ivanovich Krasnogorskii in memoriam. Pediatriia 40 no. 12:51-53 D '61

KRASNOURAL'SK—ORE DRESSING

Adopting the use of hydraulic cyclones at the Krasnoural'sk Ore Dressing Plant. L. D Kisliakov and others. Trudy Uralmekhanobra no. 5:11-20 '59.

KRASNOYARSK—SHIPBUILDING

Important discussions are coming. N. Kondrashov. NTO 4 no. 1 45 Ja '62.

KRASNOYARSK HYDROELECTRIC POWER STATION

They are masters of energy. Nauka i zhizn' 28 no. 10: 65 O '61.

KRASNOYARSK TERRITORY—GYNECOLOGY

Work of gynecological consultation centers in Krasnoyarsk Territory in the prevention of obstetric and gynecological diseases I. N. Ezieshvili Akush. i gin no. 5. 111-112 '61.

KRECHYK, MARIIA PETRIVNA

Strength lies in friendship. M. Khoruzhevs'kyi. Doshk. vykh. 23 no. 2:20 F '62.

KREMENCHUG HYDROELECTRIC POWER STATION

Chronological history of the construction of the Kremenchug Hydroelectric Power Station. Energ. stroi. no. 23:152 '61.

The Kremenchug Hydroelectric Plant is the principal link of the Dnieper system of hydroelectric power plants. I. T. Novikov. Energ. stroi. no. 23:5-15 '61.

Preparation for starting and temporary operation of the Kremenchug Hydroelectric Power Station. I. N. Kuzemin, E. M. Stroganov. Energ. stroi. no. 23: 101-106 '61.

KREMENCHUG HYDROELECTRIC POWER STATION—BUILDING MATERIALS

Procurement and storage. I. N. Timoshenko, L. I. Cherednichenko. Energ. stroi. no. 23:142-146 '61.

KREMENCHUG HYDROELECTRIC POWER STATION—CONCRETE CONSTRUCTION

Concrete. A. V. Pchelintsev. Energ. stroi. no. 23: 130-136 '61.

Construction of concrete slope lining of earth structures using bulldozers B. L. Senderovich, D. G. IUdin, G. E. IAtsyk Energ stroi no 20 79-81 '61

KREMENCHUG HYDROELECTRIC POWER STATION—CONSTRUCTION WORKERS

Building innovators and efficiency promoters. B. L. Senderovich, A. D. Kozyrskii. Energ. stroi. no. 23: 37-42 '61.

KREMENCHUG HYDROELECTRIC POWER STATION—DAMS

Barrage construction. T. P. Dotsenko, L. N. Maslov. Energ. stroi. no. 23:48-53 '61

KREMENCHUG HYDROELECTRIC POWER STATION—DESIGN AND CONSTRUCTION

Basic ways and means of shortening the time of construction of the Kremenchug hydroelectric power station. G. I. Strokov, I. L. Sapir. Energ. stroi. no 23: 15-37 '61.

Electric power supply of the construction site. N. N. Gamon. Energ. stroi. no. 23:107-114 '61.

New problem solutions for the Kremenchug Hydroelectric Power Station project. IU. V. Shneider. Energ. stroi. no. 23:42-47 '61.

Operation and maintenance of building machinery. T. V. Kanatov, B. D. Maslennik. Energ. stroi. no. 23: 137-142 '61.

Quarries and supply of rock products for the construction. V. V. Volkov, V. K. Korchits. Energ. stroi. no 23:124-130 '61.

Work quality control. S. N. Turbaevskii, I. G. Pressman. Energ. stroi. no. 23:95-101 '61.

KREMENCHUG HYDROELECTRIC POWER STATION—EARTHWORK

Mechanization of earthwork by means of hydraulic machinery. A. L. Uspenskii. Energ. stroi. no 23 60-71 '61.

KREMENCHUG HYDROELECTRIC POWER STATION—EXCAVATION

Earth and rock excavation work. N. V. Tiden. Energ. stroi no. 23:54-60 '61.

KREMENCHUG HYDROELECTRIC POWER STATION—HYDRAULIC MACHINERY

Assembly and installation of the hydraulic machinery units. V. F. Levchenko, A. N. Boldyrev. Energ. stroi. no. 23:78-85 '61.

Installation of the hydraulic equipment of the basic structures of the Kremenchug hydraulic power system. M. N. Fedorov. Energ stroi. no. 23 71-78 '61.

KREMENCHUG HYDROELECTRIC POWER STATION—HYDRAULIC STRUCTURES

Engineering protection in the reservoir area. N. V. Khvoshchinskii, N. I. Gubina. Energ. stroi. no. 23: 86-95 '61.

KREMENCHUG HYDROELECTRIC POWER STATION—PRECAST CONCRETE CONSTRUCTION

Use of precast concrete and precast reinforced concrete in construction of the Kremenchug Hydroelectric Power Station. G. I Strokov. Energ. stroi no. 20 9-15 '61

KREMENCHUG HYDROELECTRIC POWER STATION—TRANSPORTATION

Transportation at the construction site. N. M. Klimenko, G. K. IAroshinskii. Energ. stroi. no. 23:114-123 '61.

KREMLIN see Moscow—Kremlin

KRESOL see Cresol

KRICHEV DISTRICT—ATHEISM

Chavusau, V. S. [Antireligious propaganda in the Krichev District] Antyreligiinaia prapaganda u Krychauskim raene. Minsk, Dziarzh. vyd-vo BSSR, Red. masova-polit. lit-ry, 1960. 44 p. (Bibliotechka ateista)

KRIVOSHCHEKOV, IVAN IAKOVLEVICH, 1854- ?

Vishnevskii, B. N. [I. IA. Krivoshchekov, geographer and student of local lore] Geograf-kraeved I. IA. Krivoshchekov [Perm'] Permskoe knizhnoe izd-vo, 1961. 103 p.

KRIVOY ROG—IRON ORES—TRANSPORTATION

Transporting Krivoy Rog ores to metallurgical plants in the south. M. Kamenshcheikov, V. Chernikhov. Ekon. Rad. Ukr. no. 6,70-72 N-D '61.

KRIVOY ROG—MUSIC

Unforgettable days. L. Drago. Sov. muz. 26 no. 1:114-116 Ja '62.

KRIVOY ROG BASIN—BORING MACHINERY

Choosing efficient types of machines for drilling deep blastholes in the Krivoy Rog Basin. E. S. Vatolin. Nauch. soob. inst. gor. dela 5:90-92 '60.

KRIVOY ROG BASIN—COKE INDUSTRY

Coke chemical engineers of the Krivoy Rog Basin. Koks i khim. no. 10:20-21 O '61.

KRIVOY ROG BASIN—ELECTRICITY IN MINING—SAFETY MEASURES

Problems in preventing electric accidents in mines of the Krivoi Rog Basin. L. S Tonkoshkur. Bezop. truda v prom 5 no 12-7-8 D '61.

KRIVOY ROG BASIN—FLOTATION

Industrial flotation tests of oxidized Krivoy Rog iron ores. Ш. R. Ashitov, E. A. Smirnov, K I Chirkova. Obog. rud 6 no. 4:13-18 '61.

KRIVOY ROG BASIN—IRON MINES AND MINING—LABOR PRODUCTIVITY

Methods for labor productivity improvement used at the Krivoy Rog Basin mines. N. Popova Ekon. Sov. Ukr. no. 4:100-105 Jl-Ag '60.

KRIVOY ROG BASIN—METASOMATITE

Eliseev, N. A., A. P. Nikol'skii, and V. G. Kushov. [Metasomatites of the Krivoy Rog ore belt] Metasomatity Krivorozhskogo rudnogo poiasa. Moskva, Izd-vo Akad. nauk SSSR, 1961. 204 p. (Akademiia nauk SSSR. Laboratoriia geologii dokembriia. Trudy, no. 13)

KRIVOY ROG BASIN—MINE DRAINAGE

Automation of the drainage systems in Krivoy Rog Basin mines. A. D. Petrenko. Prom. energ. 16 no 7:35-39 Jl '61.

KRIVOY ROG BASIN—MINE SURVEYING

Comparative results of offset and gyroscopic orientation in mines of the Krivoy Rog Basin. I. G. Lisitsa Izv. vys. ucheb. zav. ;gor. zhur. no. 11:58-60 '61.

KRIZHANICH, IURII, 1617-1683

First exponent of the theory of money in Russia. L. Mordukhovich. Den. i kred. 20 no. 1:89-91 Ja '02.

KRUPSKAIA, NADEZHDA KONSTANTINOVNA, 1869-1939

Rich source of pedagogical experience. K. Zalesskyi. Doshk. vykh. 23 no. 1:42 Ja '62.

KRZHIZHANOVSKII, GLEB MAKSIMILIANOVICH, 1872-

A scholar and revolutionist; on G. M. Krzhizhanovskii's 90th birthday. S. Strumilin. Vop. ekon. no. 2:84-89 F '62.

KUBAN LOWLAND—PETROLEUM GEOLOGY

Some results of experimental work on increasing the depth of seismic prospecting by the reflection method in the western Kuban trough. E. A. Kozlov. Geol. nefti i gaza 6 no. 1:40-44 Ja '62

KUBATLY DISTRICT—SOILS

Soils of Kubatly District. G. M. Ismailova, G. G. Babaev. Trudy Inst. pochv. i agrokhim. AN Azerb. SSSR 10:125-136 '61.

KULEMIN, VASILII LAVRENT'EVICH

"This is malachite"; lyric poetry by Vasilii Kulemin. Reviewed by P. Kustov. Neva no. 12, 196-197 '61.

KUMA VALLEY—WATER, UNDERGROUND

Water discharge of Mesozoic sediments of the Terek-Kuma artesian basin. L. A. Anisimov. Izv. vys. ucheb. zav. ;neft' i gaz 1 no. 6:3-8 '61.

KUMISS

Interrepublic Conference on the Increase of Horse Meat and Kumiss Production. B. Popov. Vest. sel'khoz. nauki 6 no 11 153-154 N '61.

KUMYKS

Gadzhiev, S. Sh. [The Kumyks; historical and ethnological study] Kumyki; istoriko-etnograficheskoe issledovanie. Moskva, Izd-vo Akad. nauk SSSR, 1961. 384 p.

KURA-ARAKS LOWLAND see Kura-Aras Lowland

KURA-ARAS LOWLAND—IRRIGATION RESEARCH

Experiments in studying the effect of river waters on changes in the filtration properties and microaggregate composition of some soils of the Kura-Aras Lowland. E. L. Kovaleva, I. Sh. Iskenderov. Izv. AN Azerb. SSR Ser. biol. i med. nauk no. 10:97-101 '61.

KURA LOWLAND—DRAINAGE

Conditions and state of the work of drains and collecting lines in the drainage systems of some collective farms in the northern part of the Mugan Steppe. Sh. N. Bagirov. Izv. AN Azerb. SSR, Ser. biol. i med. nauk no. 10:111-115 '61.

KURA VALLEY—ALLUVIUM

Geomorphology of alluvial fans of the Kura intermontane depression and their connection with recent tectonic movements. N. Sh. Shirinov. Izv. AN Azerb. SSR, Ser. geol. -geog. nauk i nefti no. 3:73-84 '61.

KIRA VALLEY — PALYNOLOGY

Spore-pollen complexes of formation m Jurassic in the Kira and Iset' sediments, Cheliabinsk and Tiumen' oblasts. Ye. Ye. Yaroshenko. Ezh. Ak. Nauk SSSR, Otd. Geol.-Geog. nauk, Uchen. zap. no. 1 (77) '961

KIRAMA RANGE — HYDROGRAPHY

Short review of natural data. [In Russian] Trudy Ark. Nauch.-Issl. Inst. Vol. 198 (Hydrography of the Arctic Ocean) 1960, 5-11, 2 figs., 1 table, bibl. 3 titles.

KIRAMA RANGE — GEOLOGY, STRATIGRAPHIC

Stratigraphy of the effusive formation of the Taymyr platform. V. A. Aleksandrov. Ezh. Ak. Nauk SSSR, Otd. Geol.-Geog. nauk, Uchen. zap. no. 1 (77) '961

KIRANAKH VALLEY — PHYTOGEOGRAPHY

Characteristics of the main ecological features of the Kiranakh phytogeographical district [Mirnyy region]. [In Russian] Trudy Yakut. Fil. Sib. Otd. Akad. Nauk SSSR, no. 2, 1960, 5-20, bibl. 15 titles.

KIRGHIZ LANGUAGE — CASE

The negative construction in the Kirghiz and Uzbek languages; comparative historical characteristics. [In Russian] Izv. Akad. Nauk Kirg. SSR, Ser. obshch. nauk, no. 4, 1960, 3-14, bibl. 10 titles.

KIRGHIZIA — collectivization under Lenin

KIRGHIZ PLATEAU — WHALING

With the Lenin whalers. [In Russian] Ryb. Khoz. no. 8, 1961, 28-29.

KIROVSKOYE

Mesolite tuff of Kirovskoye. A. M. Il'inskiy. Trudy Geol. Muzeya Akad. Nauk SSSR, no. 4, 1961, 123-134.

KIROV — COMMUNITY LIFE

Patent who is always at your side. [In Russian] Kirov, Kirovsk. kn. izd-vo, 1960, 31 pp., illus., 50 kop.

KIROV — FARM EQUIPMENT

Archaeological and faunistic investigations of the Mologa-Sheksna lowland. [In Russian] Trudy Yaroslav. Gos. Pedagog. Inst. im. K. D. Ushinskogo, Vol. 31, 1960, 3-[illegible] pp., illus., bibl. 3 titles.

KIROV, MAUD IC ARCHIVES — GEOLOGY, PETROLOGY

Akademik Andrey Zakh, Institut gornogo dela [Academician Andrey Zakh, Institute of Mining], engineering geology, and hydrogeology of the Kola Peninsula and the Khibiny Mts. in the Arctic] Kirovsk, Kirovsk. kn. izd-vo, 1960, 31 pp., illus., 50 kop.

Mineralogy and petrography of the Khibiny and Lovozero massifs and their contact zones. [In Russian] Trudy Kom. po Vved. v Deystv. Nauch. Issl. Rabot, Vol. 1, 1960, 3-[illegible] pp., illus., bibl. 3 titles.

KIROV, PROVINCE — EVENING AND CORRESPONDENCE INSTITUTES

Network of evening and correspondence institutes in Kirov. [In Russian] Sov. Pedagogika, Vol. 24, no. 7, 1960, 3-5, illus., 50 kop.

KIROV, PROVINCE — DEVELOPMENT, ECONOMIC

In the Kirov Province. [In Russian] Ryb. Khoz. no. 8, 1961, 28-29, illus., 50 kop.

KUTTANAY PROVINCE — AGRICULTURE

Wage increase granted to the agricultural workers. [In Russian] Pravda Vostoka, no. 12, 13 Jan. 1961, p. 1, col. 1.

KUTTANAY PROVINCE — AMATEUR THEATRICALS

[illegible] [illegible] [illegible] [illegible]

KUTTANAY PROVINCE — IRON MINING

Study of the [illegible] [illegible] [illegible] for [illegible] [illegible] [illegible]

LABOR AND LABORING CLASSES (Continued)

Solomakho, S. L. [Work and live the communist way] Rabotat' i zhit' po-kommunisticheski. Minsk, Gos. izd-vo BSSR Red. sotsial'no-ekon. lit-ry, 1961. 33 p (Dlia slushatelei nachal'nykh ekonomicheskikh shkol i kruzhkov na promyshlennykh predpriiatiiakh)

There should not be one idler in our ranks. O. Dolidze. Blok.agit.[Gruz.] 18 no.14:19-22 Jl '61.

LABOR AND LABORING CLASSES—BIBLIOGRAPHY
see Bibliography—Labor and laboring classes

LABOR AND LABORING CLASSES—EDUCATION
see subdivision under Moscow

LABOR AND LABORING CLASSES IN LITERATURE
"The working class in Soviet Ukrainian prose of the 1920's and 1930's" by V. P. Vlasenko, A. O Koytunenko Reviewed by M. P Lakyza Rad lit 6 no 1 129-131 Ja-F '62.

LABOR COURTS
(see also subdivision under Omsk)

How fellow workers' courts prevent the violation of industrial safety rules. IU. Verbenko, I Lanovenko Rad. pravo no. 4:39-42 Jl-Ag '61

Mikhailovskaia, I. B. [Fellow workers' courts are an important means of the communist education of the masses] Tovarishcheskii sud - vazhnoe sredstvo kommunisticheskogo vospitaniia mass. Moskva, Izd-vo "Znanie," 1961. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 2. Filosofiia, no. 21)

More attention to the guidance of fellow workers' courts. A. Bohun, M. Cherednychenko. Rad pravo no. 4:27-31 Jl-Ag '61.

LABOR DISCIPLINE see subdivision under Leningrad

LABOR DISPUTES
"Examination of labor disputes; commentaries" by V. V. Karavaev, A. M. Kaftanovskaia. Reviewed by D. V. Shveitser. Sov gos i pravo 32 no. 2:142-143 F '62.

LABOR LAWS AND LEGISLATION
(see also subdivision under Africa; Kazakhstan)

Aleksandrov, N. G. [The development of labor law in the period between the 20th and the 22d Congresses of the CPSU] Novoe v razvitii trudovogo prava v period mezhdu XX i XXII s"ezdami KPSS. [Moskva] Izd-vo Mosk. univ., 1961. 333 p.

Cherkassy (Province) Oblastnoi sovet profsoiuzov. [Collection of the most important laws and regulations concerning the work of women, adolescents, and minors] Sbornik vazhneishikh zakonov i postanovlenii o trude zhenshchin, podrostkov i molodezhi. Cherkassy, 1959. 98 p.
[MICROFILM]

Legal advice. Otv.na vop.rab. no.12:62-71 '61.

"Legal rules which regulate labor supply in the U. S. S. R." by A. S. Pashkov Reviewed by F. V. Zhdanov and others. Sov. gos i pravo 32 no. 2:136-138 F '62.

Letters to the editor. Sots. zakon. 39 no. 1:96 Ja '62.

Nodel', B. I., and S. S. Shaposhnikov. [Rights and obligations of the sales personnel of government-owned stores] Trudovye prava i obiazannosti rabotnikov gosudarstvennoi torgovli. Moskva, Gos. izd-vo torg. lit-ry, 1960. 102 p.

Some questions concerning labor laws. A. Pozdniakov. Strotel' no. 11:31-32 N '61.

"Special features of the legal regulation of labor in different branches of the national economy" Reviewed by L. IA. Gintsburg Sov gos. i pravo 32 no 2:138-140 F '62

LABOR PARTY see subdivision under Great Britain

LABOR PRODUCTIVITY
(see also subdivision under United States)

Embodying Lenin's ideas on labor productivity in the seven-year plan. L. G. Gol'dfarb, I. D Popov. Sbor. nauch. rab. kaf. polit. ekon. vuzov g. Khar. no. 3:117-130 '60.

Labor productivity in the U. S. S. R. and the U. S. A. D. Karpukhin. Mir. ekon. i mezhdunar. otn. no. 1 56-67 Ja '62.

Leningrad. Universitet. [Problems in labor productivity under socialism] Voprosy proizvoditel'nosti truda pri sotsializme. [Leningrad] Izd-vo Leningr. univ., 1961. 198 p.

Mavrishchev, V. S. [Increasing labor productivity is the path to abundance] Povyshenie proizvoditel'nosti truda - put' k izobiliiu. Minsk, Gos. izd-vo BSSR. Red. sotsial'no-ekon. lit-ry, 1961. 34 p. (Dlia slushatelie nachal'nykh ekonomicheskikh shkol i kruzhkov na promyshlennykh predpriiatiiakh no. 4)

The victorious advance of the builders of communism; the 25th anniversary of the movement of production innovators. A. Korostash. Ekon. Sov. Ukr. no. 4:70-73 Jl-Ag '60.

LABOR PRODUCTIVITY—CONGRESSES

Problems in labor productivity at an international scientific conference. V. P. Dilachenko. Vop ekon. no. 1: 159-160 Ja '62.

LABOR SUPPLY
(see also subdivision under Georgia, Siberia; Soviet Far East; Uzbekistan)

"Legal rules which regulate labor supply in the U. S. S. R." by A. S. Pashkov Reviewed by F. V. Zhdanov and others Sov. gos. i pravo 32 no. 2:136-138 F '62.

LABORATORIES—EQUIPMENT AND SUPPLIES

At what height should we install demonstration apparatus? A. V. Postnikov. Khim. v shkole 17 no. 1:88-89 Ja-F '62.

Simple appliance on a gas or spirit lamp for the production of high temperature flame. B. I. Soibel'man. Khim. v shkole 17 no. 1 87 Ja-F '62.

Use of automatic reducer in laboratory practice. L. A. Zakharov Zhur. prikl khim. 34 no 12:2786-2788 D '61

LABORATORIES, TESTING see Testing laboratories

LABORATORY ANIMALS

Abdominal organ specimen for the study of peripheral visceral reflexes. I. A. Bulygin, M. P Kul'ianovskii Fiziol. zhur. 47 no. 6:780-782 Je '61.

LABYRINTH (EAR)

Vinnikov, IA. A., and L. K. Titova. [Organ of Corti; histophysiology and histochemistry] Kortiev organ; gistofiziologiia i gistokhimiia. Moskva, Izd-vo Akad. nauk SSSR, 1961. 260 p.

LABYRINTH (EAR)—DISEASES

Study of labyrinthine syndromes of influenzal origin. V. Rakoveanu and others. Vest. otorin. no. 6:67-72 '61

LABYRINTH (EAR)—ULCERS

Pathogenesis of the fistulous symptom [with summary in English]. V V Chernyi. Zhur. ush., nos. i gorl bol 21 no 5:33-39 S-O '61

LACRIMAL ORGANS—SURGERY

Surgery for the activation of the upper canaliculus lacrimalis in a non-removable disturbance of function. P. L IUrchenko Voen.-med. zhur. no 7:79 Jl '61

Treatment of lacrimation in pathology of the puncta lacrimalia. A. S. Solov'eva. Voen.-med zhur. no 7:79-80 Jl '61

LACTAMS

Lactones and lactams. Report No. 21: Addition of mercapto compounds to N-alkenyl lactams. M. F. Shostakovskii, F. P. Sidel'kovskaia, F. L. Koloidkin. Izv. AN SSSR. Otd. khim nauk no. 1:155-162 Ja '62.

LACTATION

Changes in the secretion of milk fat and protein in the course of lactation in buffalo cows. M. G. Aliev Izv. AN Azerb. SSR. Ser. biol i med. nauk no 10:127-137 '61.

Effect of experimental hypothyreosis on the milk productivity in buffalo cows [in Azerbaijani with summary in Russian]. M. G. Aliev Trudy Sekt. fiziol AN Azerb SSR 4:120-124 '60.

Hormone of the anterior lobe of the hypophysis and functions of the mammary gland in buffalo cows. M. G. Aliev. Trudy Sekt. fiziol. AN Azerb. SSR 4:111-119 '60.

Nature of lactation in cows. F. A. Deriagina. Trudy Komi fil. AN SSSR no. 9:16-22 '60.

Role of efferent innervation of the mammary gland in the regulation of milk fat secretion in goats. G. B. Tverskoi. Dokl. AN SSSR 142 no. 3:728-731 Ja '62

LACTOFLAVIN see Riboflavin

LADOGA, LAKE—HYDROLOGY

Use of the dynamic method in studying the circulation of waters in Lake Ladoga. A. N. Okhlopkova Okeanologiia 1 no. 6:1025-1033 '61

LAGOCHILIN

Effect of lagochilin ester on conditioned food reflexes. F. A. Asliddinov, E. A. Beliavskaia. Med. zhur. Uzb. no. 7:56-57 Jl '61.

LAK LANGUAGE—WORDS

Khaidakov, S. M. [Vocabulary of the Lak language] Ocherki po leksike lakskogo iazyka. Moskva, Izd-vo Akad. nauk SSSR, 1961. 193 p.

LAKES see subdivision under Asia, Central; Turkmenistan

LAKES—TEMPERATURE see subdivision under Azerbaijan

LAMBLIASIS see Giardiasis

LAMELLIBRANCHIATA see subdivision under Black Sea; Ucha Reservoir

LAMINAR FLOW

Steady laminar flow of a conducting fluid in a rectangular tube under the action of ponderomotive forces. A. G. Riabinin, A. I. Khozhainov. Zhur. tekh. fiz. 32 no. 1: 15-21 Ja '62.

LAMINATED PLASTICS

Calculating gear wheels made of the DSP-G laminated wood plastics and paired with steel wheels. L. P. Devin. Izv. vys. ucheb zav.; mashinostr. no. 8 91-97 '61.

LAMINATED PLASTICS—CONGRESSES

Trends in the development of the theory of laminas and films. V. V. Bolotin. Vest. AN SSSR 32 no 1: 136-138 Ja '62.

LAND see subdivision under Anu Darya Valley

LAND CLEARING see Clearing of land

LAND TENURE see subdivision under Byzantine Empire; Cuba; Galicia; Turkestan

LANDFORMS see subdivision under Georgia

LANDING AIDS (AERONAUTICS) see subdivision under Lvov

LANDING OPERATIONS

Artillery action against a landing operation. N. Gleb-Koshanskii. Voen. vest. 41 no. 7:73-79 Jl '61.

LANDSCAPE GARDENING see subdivision under Kaluga; Khabarovsk

LANDSLIDES
(see also subdivision under Vokhchi Valley)

Regularities in the origin and development of landslide processes I V Popov. Trudy Lab. gidrogeol. probl. 35:3-8 '61.

Sliding of fractured rocks on slopes. N. I Sokolov. Trudy Lab gidrogeol. probl. 35 79-97 '61.

LANGUAGE AND LANGUAGES—BIBLIOGRAPHY see Bibliography—Language and languages

LANGUAGE AND LANGUAGES—STUDY AND TEACHING

At the plenary sessions of the International Seminar on the Study of Foreign Languages (to be continued). Inostr. iaz. v shkole no. 1:80-107 Ja-F '62.

Basic methodological problems of the teaching of foreign languages in Soviet schools. A. A. Miroliubov. Inostr. iaz. v shkole no. 1:53-63 Ja-F '62.

Development of the study of foreign languages in the U. S. S. R. O. I. Moskal'skaia. Inostr. iaz. v shkole no. 1:14-23 Ja-F '62.

Educational methods session of the Department of Foreign Languages of the Academy of Sciences of the U. S. S. R. and the Union Republics. E. A. Zusmanovskaia Obshchestv. nauki v Uz. no. 11:55-56 '61.

Let's improve the study of foreign languages. A. Miroliubov. Nar. obr. no. 1:61-64 Ja '62.

Speech instruction in a foreign language. V. S. TSetlin. Inostr. iaz. v shkole no. 1:72-79 Ja-F '62.

Urgent problems of teaching certain subjects in upper classes in a foreign language. S. S. Vdovenko. Rad. shk. 49 no. 1:85-89 Ja '62.

We teach children foreign languages. E. S. TSarapkina and others. Doshk. vosp. 35 no. 1:41-53 Ja '62

What is most important in a foreign language lesson. G. L. Lovin. Vech. sred. shkola 4 no. 6:73-76 N-D '61.

LAOS—POLITICS AND GOVERNMENT

New aggravation in Laos. Nov. Vrem. 20 no. 7:2-3 F '62.

LAPTA (GAME)

Bura, O. E., and Gorbunov, V. V. [Lapta; a Russian game of daring] Russkaia udalaia lapta. Moskva, Izd-vo "Fizkul'tura i sport," 1961. 39 p.

LARCENY

Gold plunderers; to be concluded. R. Bershadskii. Ogonek 40 no. 6:22-25 F '62.

Let's put worthy people behind the counter. V. Maksimov. Part. zhizn' Kazakh. no. 11:64-68 N '61.

LARCH see subdivision under Sayan Mountains; White Russia

LARYNGOSTROBOSCOPE

Laryngostroboscopic observations on vocal students [with summary in English]. B. I. Dunaivitser. Zhur. ush., nos i gorl. bol. 21 no. 5:50-56 S-O '61.

LARYNX—CANCER

Case of sarcoma of the larynx. V. G. Kostenko. Zhur. ush., nos. i gorl. bol. 21 no. 4:79 Jl-Ag '61.

Individual operation in the field of the primary focus and regional metastases in cancer of the larynx [with summary in English]. M. G. Baradulina. Vest. otorin. no. 6:51-55 '61.

Telegammatherapy of laryngeal cancer with the GUT-Co-400 apparatus. B. IA. IUditskii. Med. rad. no. 6:14-16 '61.

Tomography as an efficiency test for radiation therapy in laryngeal cancer [with summary in English]. A. I. Pozmogov. Zhur. ush., nos. i gorl. bol. 21 no. 4:37-41 Jl-Ag '61.

Use of fluorescein in the removal of metastasized regional cervical lymph nodes in laryngeal cancer [with summary in English]. S. I. Mostovoi. Zhur. ush., nos. i gorl bol. 21 no. 4:34-36 Jl-Ag '61.

LARYNX—DISEASES

Disorder of vocal function following electric shock. IA. S. Bokshtein. Vest. otorin. no. 6:93-95 '61.

Laryngitis. S. I. Mostovyi Nauka i zhyttia 11 no. 10-51 O '61.

Two cases of laryngeal edema requiring tracheostomy after intubation anesthesia. I. K. Rochegov, V. I. Zak. Vest khir. no 1,128-129 '62.

LARYNX—TUMORS

Air tumor of the larynx in a patient with pulmonary tuberculosis. V. I. Liubinets. Zhur ush , nos i gorl bol. 21 no. 4:74-75 Jl-Ag '61

Plasmocytoma of the larynx. IU. N. Volkov. Vest. otorin. no. 6:95-96 '61

LATEX

New building materials G. Etin. NTO 3 no 12:31 D '61.

Rapid sulfite micromethod for determining the degree of latex film vulcanization. E. S. Khoroshaia and others. Kauch. i rez. 20 no. 12,10-42 D '61.

Some properties of cement containing an admixture of latex. IU. S. Cherkinskii, V. M. Kalashnikova, V. L. Smelianskii. Sbor. trud. VNIINSM no. 2:174-190 '60.

LATHES

Graphic method of adjustment of the copying devices of wheel lathes. P. A. Borbatenko Vest. TSNII MPS 20 no 8 41-43 '61.

LATHES—ATTACHMENTS

Turret head for a bench lathe N. P. Starodub. Mashinostroitel' no. 1:25 Ja '62.

Universal attachment for machining spherical surfaces. B. L. Smolenskii, M. A. Rokhlenko Stan. i instr. 33 no 2:41-42 F '62

Universal mandrels. B. Z. Kraichik. Mashinostroitel' no. 1:24 Ja '62

LATHES—TECHNOLOGICAL INNOVATIONS

Azarov, A. S. [Mechanization and automation of machining processes on lathes] Mekhanizatsiia i avtomatizatsiia obrabotki detalei na tokarnykh stankakh. Moskva, Gos. nauchno-tekhn izd-vo mashinostroit lit-ry, 1961. 223 p.

LATIN AMERICA—BALLET

Soviet ballet in Latin America. L. Trunina. Teatr 23 no 1:182 Ja '62.

LATIN AMERICA—COMMERCE

Latin American association of free trade. Mezhdunar. zhizn' 9 no. 2 155-156 F '62.

LATIN AMERICA—COMMUNIST PARTIES—BIBLIOGRAPHY

Studies in the field of the communist and labor movement in Latin America E. S Dabagian. Vop. ist KPSS 6 no. 1, 164-176 '62

LATIN AMERICA—DESCRIPTION AND TRAVEL

Chichkov, V. M. [Rebelling land; travels and meetings] Buntuiushchaia zemlia; puteshestvita i vstrechi. Moskva, Gos. izd-vo detskoi lit-ry M-va prosv. RSFSR, 1961. 155 p.

LATIN AMERICA—ECONOMIC ASSISTANCE, AMERICAN

On what American "aid" is spent in Latin American countries. Mezhdunar. zhizn' 9 no. 2:147-149 F '62.

LATIN AMERICA—MOTION-PICTURE PLAYS

With motion-picture employees of Latin America. Georges Sadoul. Isk. kino no. 7:126-131 Jl '61.

LATIN LANGUAGE—STUDY AND TEACHING

It broadens the students mental outlook. G. B. Militarskaia. Srod. spets. obr. 9 no. 1:30-32 Ja '62.

LATIN LITERATURE, MEDIEVAL AND MODERN—HISTORY AND CRITICISM

Primary sources of the "Book of Causes" (Liber de Causis). Sh. I. Nutsubidze. Viz. vrem. 20:156-163 '61.

LATVIA—BOTANY

[Flora of the Latvian S. S. R. [with summary in Russian]] Latvijas PSR flora. P. Galenieka redakcija. Riga, Latvijas Valsts izdevnieciba. [In Latvian]
Vol. 3. 1957. 469 p.
Vol. 4. 1959. 624 p.

LATVIA—BUILDING

Marchevskii, M. I. [Construction exhibition of the Latvian S. S. R.] Stroitel'naia vystavka Latviiskoi SSR. Riga, TSentr. biuro tekhn. informatsii, 1960. 9 p. illus. (Informatsionno-tekhnicheskii listok)

LATVIA—CAMP SITES, FACILITIES, ETC.

Krastina, A. J. [A small tent town] Teisu pilsetina, Riga, Latvijas Valsts izdevnieciba, 1960. 33 p. [In Latvian]

LATVIA—ECONOMIC CONDITIONS

M . . .

conference] Baltijas Padomju Republikas PSRS lauku braligaja saime; notikusas starprepublikaniskas apspriedes materiali. Riga, Latvijas Valsts izdevnieciba. [In Latvian]
Vols. 1 - 6. 1960.

LATVIA—HISTORY

1 . . .

Latviiskoi SSR, 1960. 224 p.

LATVIA—INTELLECTUAL LIFE

Ostrovs, J. [Cultural revolution in Latvia] Kulturas revolucija Latvija. Riga, Latvijas Valsts izdevnieciba, 1960. 358 p. [In Latvian]

LATVIA—LUMBER—DRYING

Metal kilns. F. A Mikit, K K Upmanis, IA V. Stapran Der prom 11 no. 2 25-26 F '62.

LATVIA—MEDICINE

"From the history of medicine." Third collection of articles. Institute for Experimental Medicine of the Academy of Sciences of the Latvian S. S. R. Reviewed by B. D. Petrov. Sov. zdrav. 20 no. 8:83-85 '61.

LATVIA—MUNICIPAL SERVICES

The Latvian S.S.R. Zhil.-kom. khoz. 11 no. 10 33 O '61.

LATVIA—SPORTS

[Calendar for athletes, 1961] Fizkulturiosa kalendars 1961 gadam Riga, Latvijas Valsts izdevnieciba, 1960. 278 p. [In Latvian]

LATVIANS—CRANIOLOGY

Craniological materials on the problem of the origin of the eastern Latvians [with summary in English]. V. P. Alekseev. Sov. etn. no. 6:20-40 N-D '61.

LAW

(see also subdivision under Europe, Eastern; Georgia)

Creative role of Soviet law in the building of communism. L. S. IAvich. Sov. gos. i pravo 32 no. 2:24-34 F '62

The editor's mail. Sots. zakon. 30 no. 12:01 D '61.

Increased role of law during the large-scale building of communism. P. E Nedbailo. Izv. vys. ucheb. zav. ;prav. 5 no. 4:10-20 '61.

New laws and regulations enacted by the ministries and government agencies of the U. S. S. R. and the Union Republics. Sots. zakon. 30 no. 12, 71-73 D '61.

New laws and regulations enacted by the ministries and government agencies of the U. S. S. R. and the Union Republics. Sots. zakon. 30 no. 1:85-87 Ja '62.

LAW—BIBLIOGRAPHY see Bibliography—Law

LAW—CASES

(see also subdivision under Ukraine)

How the public prosecutors of the U. S. S. R. supervise the observance of laws. Sots. zakon. 30 no. 12:75-78 D '61.

How the public prosecutors of the U. S. S. R. supervise the observance of laws. Sots. zakon. 30 no. 1:89-92 Ja '62.

Judicial practice. Sots. zakon. 30 no. 12:74 D '61.

Judicial practice. Sots. zakon. 30 no. 1:86 Ja '62.

LAW—CODIFICATION

Let's study the theoretical problems of the systematization of Soviet laws. L. IA. Izv. vys. ucheb. zav. ;prav. 5 no. 4:167-170 '61.

LAW—HANDBOOKS, MANUALS, ETC.

Leningrad, Universitet. [Legal reference book for the Soviet public] IUridicheskii spravochnik dlia naselenila. Izd. 2., ispr. i dop. [Leningrad] Izd-vo Leningr. univ., 1960. 211 p.

LAW—INTERPRETATION AND CONSTRUCTION

Starchenko, A. A. [Role of analogy in the cognitive process; based on the materials of historical and legal studies] Rol' analogii v poznanii; na materialakh istoricheskogo i pravovogo issledovanila. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 51 p.

LAW—PERIODICALS

A conference of our readers. Sots. zakon. 30 no. 1:78 Ja '62.

LAW—PHILOSOPHY

(see also subdivision under United States)

"Basic theoretical principles of the state and law" by N. G. Aleksandrov and others. Reviewed by G. B. Gal'perin and others. Izv. vys. ucheb. zav. ;prav. 5 no. 2: 168-173 '61.

Current theoretical problems of Soviet law. D. A. Kerimov, M. D. Shargorodskii. Izv. vys. ucheb. zav. ; prav. 5 no. 2:22-33 '61.

"The development of legal forms in present-day imperialist states" by S. L Zivs. Reviewed by B. S. Gonnikov. Sov. gos. i pravo 32 no. 1:127-130 Ja '62.

IAvich, L. S. [Problems of the legal regulation of Soviet social relations] Problemy pravovogo regulirovaniia sovetskikh obshchestvennykh otnoshenii. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 170 p.

New works in the field of the general theory of law and the state. L. S. Galenskii. Izv. vys. ucheb. zav. ;prav. 5 no. 2:157-162 '61.

Objective and subjective law. B. V. Sheindlin. Izv. vys. ucheb zav ;prav. 5 no. 4:123-126 '61.

Problems concerning the socialist understanding of law in the light of the decisions of the 22d Congress of the CPSU. I. E. Farber. Sov. gos. i pravo 32 no. 2:47-56 F '62.

"Problems in the general theory of Soviet law." Reviewed by I. E. Farber Izv. vys. ucheb. zav. ;prav. 5 no. 4:144-148 '61.

"Problems in the general theory of Soviet law." Reviewed by IE. Nazarenko, D. Zaikina. Rad pravo no. 1: 155-160 Jl-Ag '61.

LAW—SOURCES

Akademiia nauk SSSR. Institut slavianovedeniia. [Comprehensive and condensed versions of "Legal rules for people"] Zakon Sudnyi liudem, prostrannoi i svobodnoi redaktsii. Podgotovili k pechati M. N. Tikhomirov, L. V. Milov. Pod red. M. N. Tikhomirova. Moskva, Izd-vo Akad. nauk SSSR, 1961. 284 p.

LAW—STUDY AND TEACHING

A popular university of jurisprudence. M. Naumenko. Rad. pravo no. 4:131-132 Jl-Ag '61.

LAW, BYZANTINE

Akademiia nauk SSSR. Institut slavianovedeniia. [Comprehensive and condensed versions of "Legal rules for people"] Zakon Sudnyi liudem, prostrannoi i svobodnoi redaktsii. Podgotovili k pechati M. N. Tikhomirov, L. V. Milov. Pod red. M. N. Tikhomirova. Moskva, Izd-vo Akad. nauk SSSR, 1961. 284 p.

LAW, COMMERCIAL see Commercial law

LAW, RAILROAD see Railroad law

LAW SCHOOLS see subdivision under Poland

LAWNS

(see also subdivision under White Russia)

Ablonovskii, S. I. [How to make a lawn from annual flowering plants] Kak ustroit' gazon iz odnoletnikh tsvetushchikh rastenii. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1960. 26 p.
(DA)

LAWYERS IN LITERATURE

"The case of the public prosecutor Malakhov"; a tale by Sobko. Reviewed by S. Adushkin. Sots. zakon. 30 no. 1:93-94 Ja '62.

LAYING OUT (MACHINE-SHOP PRACTICE)

Efficient method for laying-out blanks. I. I. Shrire. Mashinostroitel' no. 1:34 Ja '62.

LAZO DISTRICT—CRIMINAL JUSTICE, ADMINISTRATION OF

"The defenders of law." I. Slonov. Sots. zakon. 30 no. 1:84-85 Ja '62.

LEACHING

Leaching of arsenic out of Cottrell dusts by a solution of sodium sulfide G. I. Gnatyshenko, I. R. Polyviannyi. Izv. AN Kazakh. SSR. Ser. met., obog. i ogneup. no. 3: 36-39 '61.

Leaching saline takyrs in the area of the Kara Kum Canal. K. N. Skosyreva. Izv. AN Turk. SSR. Ser. biol. nauk no. 3:48-60 '61.

Role of potassium in the leaching of nepheline rocks by the hydrochemical method. M. M. Gol'dman, V. D. Ponomarev. Izv. AN Kazakh. SSR. Ser met., obog. i ogneup. no. 3:50-58 '61.

Study of adsorption processes in leaching. I. N. Starik, K. F. Lazarev. Biul. Kom. po opr. abs. vozr. geol. form. no. 4:136-143 '61.

LEAD

Giant resonance in Pb^{208} photodisintegration [with summary in English]. V. V. Balashov, V. G. Shevchenko, N. P. IUdin. Zhur. eksp. i teor. fiz. 41 no. 6:1920-1933 D '61.

Intensifying action of lead foil in gamma-ray examination. M. P. Zheldak, P. M. IUshkevich. Biul. nauch.-tekh. inform. VNITI no. 4/5:187-190 '59.

Pyrochemical methods for lead separation from natural formations. I. E. Starik, E. V. Sobotovich, G. P. Lovtsius. Biul. Kom. po opr. abs. vozr. geol. form. no. 4: 114-127 '61.

LEAD—ANALYSIS

Polarographic determination of small amounts of lead and cadmium in copper electrolytes (rapid method). P. N. Kovalenko. Uch. zap. RGU 41.123-134 '58.

LEAD—ISOTOPES

Isotope composition of lead in ore deposits of the Caucasus and Central Asia. A. I. Tugarinov, S. I. Zykov, Biul. Kom. po opr. abs. vozr. geol. form. no. 4:66-76 '61.

Separation of lead chemical forms. I. E. Starik, and others. Biul. Kom. po opr. abs. vozr. geol. form no. 4: 128-135 '61.

Verifying the accuracy of age determination by the lead-isotope methods. A. I. Brodskii, I. V. Goldenfeld. Biul Kom. po opr. abs. vozr. geol. form. no. 4:90-108 '61.

LEAD INDUSTRY see subdivision under Almalyk; Leningrad; Leninogorsk

LEAD INDUSTRY—BY-PRODUCTS

Over-all recovery of metals from the intermediate products of the lead industry. I. R. Polyviannyi, R. S. Demchenko, V. D. Solov'eva Izv. AN Kazakh. SSR Ser. met., obog i ogneup no. 3 20-26 '61.

LEAD MINES AND MINING—SAFETY MEASURES see subdivision under Mirgalimsay

LEAD MOLYBDATES

The reaction of reduction chlorination of lead molybdate and molybdenum trioxide. I. A. Glukhov, I. M. Shishkhina. Dokl. AN Tadzh. SSR 4 no. 4:19-23 '61.

LEAD ORES see subdivision under Azatek region, Armenian S. S. R.

LEAD SODIUM SILICATES—THERMAL PROPERTIES

Thermochemical characteristics of $PbO - SiO_2 - Na_2O$ melts. G. A. Toporishchev, O. A. Esin, S. G. Bratchikov. Izv. vys. ucheb. zav., tsvet. met. 4 no. 3 37-13 '61.

LEAD SULFATE

Dissociation constant of lead sulfate. I. M. Korenman. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 4:554-557 '61.

LEARNING, PSYCHOLOGY OF

Antsyferova, L. I. [Regularities in elementary cognitive activity] O zakonomernostiakh elementarnoi poznavatel'noi deiatel'nosti. Moskva, Izd-vo Akad. nauk SSSR, 1961. 149 p.

One concept in the psychology of learning. P. I. Zinchenko. Vop. psikhol. 7 no. 6:161-171 N-D '61.

LEASES

Termination of leases on the ground of the long absence of tenants. A. G. Potlukov. Izv. vys. ucheb. zav. ; prav 5 no. 2:44-52 '61.

LEAST SQUARES

Ways of improving the effectiveness of the principle of least squares in the elimination of systematic errors. A. I. Bolotin. Izv vys. ucheb. zav. ; geod. i aerof. no 4: 39-42 '61

LEATHER

Aleksandrov, A. A., and B. I. Fridman. [Handbook of the master worker in the saddle and industrial leather industries] Spravochnik mastera proizvodstva shorno-sedel'nykh i tekhnicheskikh kozh. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1961. 411 p.

Effect of the nonuniformity of the swelling of pickled pelts on the thickness of split Russian leather. N. S. Solov'ev, A. V. Pavlin. Kozh. -obuv. prom. 3 no. 11:31-33 N '61.

Manufacture of patent leather finished with polyurethan varnishes (from "Journal of Society of Leather Trades Chemists," No. 3, 1961). K. Robinson Kozh. -obuv. prom. 3 no. 11:34 D '61.

From pages of wall newspapers. Kozh. -obuv. prom. 3 no. 12:34 D '61.

From the resolution of a conference held from June 27 to July 1, 1961. Kozh. -obuv. prom. 3 no. 11:17-18 N '61.

Improve the leather quality. L. P. Strakhov. Kozh. -obuv. prom. 3 no. 11:24-25 N '61.

Labor feats of the foremost collectives. Kozh. -obuv. prom. 3 no. 11:4-6 N '61.

LEATHER INDUSTRY—COSTS see subdivision under Moldavia

LEATHER INDUSTRY—EQUIPMENT AND SUPPLIES

Automation of the stacking up of skins. V. S. Kopeikin. Mekh. i aviom. proizv. 16 no. 1:16-18 Ja '62.

LEATHER INDUSTRY—STANDARDS see subdivision under Kirov

LEATHER INDUSTRY—TECHNOLOGICAL INNOVATIONS (see also subdivision under Kazakhstan)

Day of technological innovations. E. Stepanenko. Kozh. -obuv. prom. 3 no. 11:33 N '61.

LEATHER SUBSTITUTES

Using technology for manufacturing napped shoe leather substitutes O. I. Sun'kova, A. D. Grebeneva. Kozh. -obuv. prom 3 no. 11 30-31 N '61

LEBANON—PEASANTRY

Status of the Lebanese peasantry. V. N. I'mel'ianov. Kratk. soob. Inst. nar. Azii no. 45 167-170 '61.

LEBEDEV, NIKOLAI STEPANOVICH, 1893-1959

Nikolai Stepanovich Lebedev. Viz. vrem. 18:301-305 '61.

LEDENEV, ROMAN

Meeting the listener. A. Shnitke. Sov. muz. 26 no. 1: 16-20 Ja '62.

LEFEVRE, RAYMONDE, 1891-1920

Manuscripts of Raymonde Lefevre. F. Narkir'er. Vop. lit. 5 no. 8 183-187 Ag '61

LEGAL RESEARCH see subdivision under Uzbekistan

LEGISLATION see subdivision under Estonia

LEGISLATIVE BODIES

(see also subdivision under Italy)

Critical evaluation of the present-day bourgeois theories of parliamentarianism. B. S. Krylov. Sov. gos. i pravo 32 no. 1, 111-116 Ja '62.

LEGUMES

Green factories of protein. I. Vol'per. Ukr. mat. no. 1: 4-6 Ja '62.

LEGUMINOSAE

Dynamics of nitrogenous substances during the ripening of seeds of leguminous plants. E. V. Kolokhova. Trudy Glav. bot. sada 8:75-96 '61.

Evolution of proteins in the seeds of leguminous plants. A. V. Blagoveshchenskii, E. G. Aleksandrova. Trudy Glav. bot. sada 8:8-46 '61.

Proteolitic enzymes in the seeds of leguminous plants. N. A. Kudriashova. Trudy Glav. bot. sada 8:60-74 '61.

LEISHMANIA

Reduction of the virulence of strains of Leishmania tropica var. major as a result of prolonged cultivation on artificial media [with summary in English]. M. P. Vavilova Med. zhur. Uzb. no. 8:59-62 Ag '61.

LEISURE

Leisure becomes more interesting. R. Kolesnikova. Komsom. zhizn' no. 13:26-28 Jl '61.

LENIN, VLADIMIR IL'ICH, 1870-1924

Commodity production and commerce in V. I. Lenin's works; 1910-1923. N. B. Gur'eva. Sbor. nauch. rab. Len. inst. sov. torg. no. 10:3-19 '60.

Embodying Lenin's ideas on labor productivity in the seven-year plan. L. G. Gol'dfarb, I. D. Popov. Sbor. nauch. rab. kaf. polit. ekon. vuzov g. Khar. no. 3:117-130 '60.

The finding and description of V. I. Lenin's documents in the archives of the U. S. S. R. V. V. Maksakov. Int. arkh. 7 no. 3:234-248 My-Je '61.

History of a portrait. K. F. Bogdanova. Ogonek 40 no. 4:9 Ja '62.

How V. I. Lenin worked out the nationality problem. M. P. Khungalov. Uch. trudy Kazakh. gos. un. Ser. ist. no. 5: 3-24 '60.

Latvijas Komunistiska Partija. Latvijas vestures institute Riga. [V. I. Lenin; brief sketch of his life] V. I. Lenins; isa biografiska apraksts. Riga Latvijas Valsts izdevnieciba, 148 p. [In Latvian]

[V. I. Lenin on socialist legality] V. I. Lenin ob ichenskoi zakonnosti. [Izd. 2., dop.] Moskva, vo polit. lit-ry, 1961. 656 p.

riendship with the people of the East," Reviewed by V. Surovov. Az. i Afr. sog. no. 1:56-57 Ja '62.

Lenin's cooperative plan and its realization in the U. S. S. R. N. IA. Dibtsev. Sbor. st. LITMO no. 49: 52-60 '60.

Lenin's ideas of electrification are being realized. V. I. Karlov. Sbor. st. LITMO no. 49:40-51 '60.

Lenin's "Iskra" and M. Gor'kii. G. Deich. Neva no. 6: 217-218 '61.

The Marxian theory of land rent and its development in V. I. Lenin's work. A. P. Mamalyi. Sbor. nauch. rab. kaf. polit. ekon. vuzov g. Khar. no. 3:173-190 '60.

Moscow. Institut organizatsii zdravookhraneniia i istorii meditsiny imeni N. A. Semashko. [Leninist ideas on guarding public health] Leninskie idei ob okhrane zdorov'ia naroda. Moskva, Medgiz, 1961. 81 p.

New documents illustrating V. I. Lenin's association with motion pictures. Iz ist. kino 4:3-6 '61.

Putting Lenin's theory of the preferential growth of the production of the means of production under socialism into practice. L. M. Kopelev. Sbor. nauch. rab. kaf. polit. ekon. vuzov g. Khar. no. 3: 31-42 '60.

Realization of Lenin's ideas about the communist attitude toward work. O. F. Klubikova. Sbor. st. LITMO no. 49: 82-97 '60.

Realization of Lenin's ideas about the creative activity of the masses during the large-scale building of communism. G. D. Zaverukhi. Sbor. st. LITMO no. 10 67-81 '60.

Shcherbina, V. R. [Lenin and problems of literature] Lenin i sovpisnyy literatury. Moskva, Izd-vo Akad. nauk SSSR, 1961 364 p.

Shakhnovich, M. I. [Lenin and the problems of atheism; criticism of religion in V. I. Lenin's works] Lenin i problemy ateizma; kritika religii v trudakh V. I. Lenina. Moskva, Izd-vo Akad. nauk SSSR, 1961. 670 p.

Some methodological principles of the history of philosophy as a branch of science in V. I. Lenin's works. D. V. Bogdanov. Vest. Mosk. un. Ser. 6: Ekon., filos. 17 no. 1: 48-50 Ja-F '62.

Statistics in V. I. Lenin's works and their importance for the statistics of Soviet trade. M. I. Antuf'ev, A. N. Pekel'nyi. Sbor. nauch. rab. Len. inst. nov. torg. no. 16:20-44 '60.

Tasks before Soviet scholars in Byzantine studies in the light of V. I. Lenin's works. Viz. vrem. 18:3-7 '61.

V. I. Lenin and the Prague Conference of the Russian Social Democratic Party. S. M. Petrov, V. IA. Klimushev. Vop. ist. KPSS 6 no. 1 77-94 '62.

V. I. Lenin at the chessboard. A. Tolush. Nova no. 7: 213-214 '61.

V. I. Lenin on commodity production during the period of transition from capitalism to socialism. N. M. Krivo-khatskii. Sbor. nauch. rab. kaf. polit. ekon. vuzov g. Khar. no. 3:151-161 '60.

"V. I. Lenin on communist ethics." Reviewed by N. N. Surovtseva Vop. ist. KPSS 6 no. 1 177-179 '62.

V. I. Lenin on socialist competition. P. M. Oleshchenko. Sbor. nauch. rab. kaf. polit. ekon. vuzov g. Khar. no. 3: 95-103 '60.

V. I. Lenin on the basic principles of the organization of the management of the socialist economy. O. M. Vasil'ev. Sbor. nauch. rab. kaf. polit. ekon. vuzov g. Khar. no. 3:55-68 '60.

V. I. Lenin on the creative role of the Soviet State in the building of socialism. M. I. Lomova. Sbor. st. LITMO no. 49:5-25 '60.

V. I. Lenin on the decisive role of heavy industry in building the material and technical foundation of socialism and communism in the U. S. S. R. V. G. Bunko. Sbor. st. LITMO no. 49:30-39 '60.

V. I. Lenin on the establishment of state farms and on their role and significance in developing socialist agriculture. M. A. Terekhov. Sbor. nauch. rab. kaf. polit. ekon. vuzov g. Khar. no. 3:69-80 '60.

V. I. Lenin on the general laws and peculiarities of the forms of transition to socialism in various countries. M. N. Gritchenko. Sbor. nauch. rab. kaf. polit. ekon. vuzov g. Khar. no. 3:5-18 '60.

V. I. Lenin on the improvement of wage forms and systems as a condition for the growth of labor productivity. A. S. Pogorelyi. Sbor. nauk. rab. kaf. polit. ekon. vuzov g. Khar. no. 3:143-149 '60.

V. I. Lenin on the material prerequisites of the Great October Socialist Revolution. I. V. Polushevskii. Sbor. nauch. rab. kaf. polit. ekon. vuzov g. Khar no. 3. 191-201 '60.

V. I. Lenin on the nature of work under socialism. N. F. Polikov. Sbor. nauch. rab. kaf. polit. ekon. vuzov g. Khar. no. 3:105-116 '60.

V. I. Lenin on the peaceful economic competition between the two systems. M. A. Zhukova. Sbor. st. LITMO no. 49:114-125 '60.

V. I. Lenin on the possibility of a peaceful transition from capitalism to socialism. I. Z. Krikov. Sbor. st. LITMO no. 49:98-113 '60.

V. I. Lenin on the role of commerce during the period of transition from capitalism to socialism V. M. Doroshev. Sbor. nauch. rab. kaf. polit. ekon. vuzov g. Khar. no. 3:163-172 '60.

V. I. Lenin on the role of the principle of self-interest in the building of socialism and communism. P. G. Bedchenko. Sbor. nauch. rab. kaf. polit. ekon. vuzov g. Khar no. 3:131-141 '60.

V. I. Lenin on the social roots of opportunism. I. P. Kotov. Sbor. st. LITMO no. 49:126-147 '60.

V. I. Lenin on the socialist transformation of agriculture and the development of the supply of equipment and machinery for collective farms. I. E. Tkachenko. Sbor. nauch. rab. kaf. polit. ekon. vuzov g. Khar. no. 3: 81-94 '60.

"V. I. Lenin's library in the Kremlin: a catalog." Reviewed by S. S. Levina. Sov. bibl. no. 6:75-80 '61.

V. I. Lenin's struggle to consolidate the party during the years of reaction, 1907-1910. P. A. Merkulaev. Sbor. st. LITMO no. 49:148-163 '60.

Vil'ovyts'kyi, M. B. [Lenin on space and time and the theory of relativity] Lenin pro prostir i chas ta teoriia vidnosnosti. Kyiv, 1961. 48 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. I, no. 23)

Vladimir Il'ich Lenin's automobile. Avtomobilist 1:74-75 '61.

LENIN (ATOMIC SHIP)

Deep in the heart of the Arctic regions. G. Koposov. Sov.foto 22 no.1:10-15 Ja '62.

LENIN IN LITERATURE AND ART

Great image. Vasyl' Shcherbak. Mystetstvo 8 no. 6: 9-11 N-D '61

"Lenin is with us." V. Berkov. Sov. muz. 25 no. 8: 13-16 Ag '61.

N. F. Pogodin's trilogy on Lenin. V. S. Malkova. Shor. stud. nauch. rab po gum. taik MOPI 4-3-27 '60.

LENIN PRIZES

Award of the Lenin Prize for the monograph of Professor. N. V. Konovalov, E. V. Shmidt. Sov. med. 25 no. 9: 150-151 S '61.

LENINABAD—LUNGS—SURGERY

Organizing operations for lung resections at Leninabad Province Tuberculosis Dispensary. I. A. Kutkov. Zdrav. Tadzh. 8 no. 6.24-28 N-D '61.

LENINAKAN—ELECTRIC INDUSTRIES

"SEMS" salinometers. Prom. Arm. 4 no. 11:42-43 N '61.

LENINGRAD—AMATEUR ART ACTIVITIES

So as to make people happy. M. Gitman. Neva no. 6: 221-222 '61.

LENINGRAD—ART—EXHIBITIONS

Exhibition entitled "Revolutionary art of foreign countries in the 1920's and 1930's." K. Asaevich. Soob. Gos. Erm. no. 20:73 '61.

LENINGRAD—ART, CHINESE

Additions to the collections of Chinese art. M. Krechetova. Soob. Gos. Erm no. 20:75-76 '61.

LENINGRAD—ART, CZECH—EXHIBITIONS

Exhibition of Czech art in the Hermitage. K. Mytareva. Soob. Gos. Erm. no. 20:67 '61.

LENINGRAD—ART, ITALIAN—EXHIBITIONS

Exhibition of 19th and 20th century Italian art. A. Barskaia. Soob. Gos. Erm no. 20.73 '61.

LENINGRAD—ART, JAPANESE

Additions to the collections of Japanese art. V. Dashkevich. Soob. Gos Erm. no. 20:76-77 '61.

LENINGRAD—ART GALLERIES AND MUSEUMS

Leningrad. Ermitazh. [The State Hermitage] Gosudarstvennyi Ermitazh, Leningrad, Izd-vo Gos. Ermitazha, 1961. 47 p. illus. [Pralliel texts in Russian, English, and French]

Liubimov, L. D. [Amid the treasures of the Hermitage] Sredi sokrovishch Ermitazha. Moskva, Izd-vo "Znanie," 1961. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 6, Literatura i iskusstvo, no. 22)

New forms of cultural and educational work undertaken by the Hermitage. D. Timofeev. Soob. Gos. Erm. no. 20;3-5 '61.

LENINGRAD—BALLET

In quest of modern expression. V. Krasovskaia. Neva no. 12:166-175 '61.

Letter from Leningrad. V. Bogdanov-Berezovskii. Sov. muz. 25 no. 8;49-58 Ag '61.

LENINGRAD—BOOKBINDING

People and books. L. Obraztsova. Neva no. 12;133-137 '61.

LENINGRAD—CLOTHING INDUSTRY

Leningrad clothing market. N. I. Chikova. Shor. nauch. rab. Len. inst. sov. torg. no. 16:106-118 '60.

LENINGRAD—COKE

Using anthracite slack in the coking charge at the Leningrad Coke and Gas Plant. V. I. Butorin. Koks i khim. no. 6:13-15 '61.

LENINGRAD—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Khabibulina, R. IA. [Leningrad Communists, organizers of the Stakhanov Movement, 1935-1937] Leningradskie kommunisty - organizatory stakhanovskogo dvizhenila; 1935-1937 gg. [Leningrad] Izd-vo Leningr. univ., 1961. 169 p.

LENINGRAD—CONSTRUCTION INDUSTRY

The product manufactured by a housing construction combine is a finished house. E. G. Strzhalkovskii. Izv. ASIA no. 2;42-48 '61.

LENINGRAD—EDUCATION, COOPERATIVE

For a school with good working habits. I. Maksimov, M. Rashchinskii. Prof. -tekh. obr. 19 no. 1;3-4 Ja '62.

LENINGRAD—ELECTRIC LIGHT FIXTURES—PRODUCTION STANDARDS

A thorny path. N. Pribytkov. Mest. prom. i khud. promys. 2 no. 7;25 Jl '61.

LENINGRAD—EVENING AND CONTINUATION SCHOOLS

School for instructors and propagandists of progressive experience G. N. Sandalov. Vech. sred. shkola 4 no. 6, 77-80 N-D '61.

LENINGRAD—FIRE EXTINCTION—SOCIETIES, ETC.

For the people. A. Kharionovskii. Pozh. delo 8 no. 1: 6-7 Ja '62.

LENINGRAD—FLOUR MILLS

Kozin, A. I. [For communist labor; from socialist competition practice at the S. M. Kirov Grain Milling Combine] Za kommunisticheskii trud; iz opyta sotsialisticheskogo sorevnovaniia na mel'kombinate imeni S. M. Kirova. Moskva, Zagotizdat, 1961 43 p.

LENINGRAD—GRAPHIC ARTS, FRENCH—EXHIBITIONS

Exhibition of French engravings and lithographs entitled "From Callot to Toulouse-Lautrec." IU. Rusakov. Soob. Gos. Erm. no. 20;68-71 '61.

LENINGRAD—GROCERY TRADE

Sale of bread and other foodstuffs in Petrograd on the eve of the Great October Socialist Revolution. A. S. Volokitin. Shor. nauch. rab. Len. inst. sov. torg. no 10: 125-134 '60.

LENINGRAD—INSTRUMENT INDUSTRY

Automatic control of production processes. A. Goreshkov. NTO 4 no. 1:8-12 Ja '62.

LENINGRAD—LABOR AND LABORING CLASSES

We are learning by the example of communism. B. Chertkov. Neva no. 7;140-148 '61.

LENINGRAD—LABOR DISCIPLINE

Podorov, G. M. [Socialist labor discipline] O sotsialisticheskoi distsipline truda. [Leningrad] Lenizdat, 1961. 50 p. (Osnovy ekonomicheskikh znanii kazhdomu rabochemu)

LENINGRAD—LEATHER INDUSTRY

From the practices of Leningrad leather factories. L. K Mikhailov. Kozh. -obuv. prom. 3 no. 11-7-10 N '61.

LENINGRAD—LIBRARIES

Afanas'ev, IU. S. [Leningrad Public Library in 1960] Gosudarstvennaia Publichnaia biblioteka imeni M. E. Saltykova-Shchedrina v 1960 godu. Red. V. M. Barashenkov. Leningrad, [Izd. Gos. Publichnoi biblioteki im. M. E. Saltykova-Shchedrina] 1961. 113 p.

LENINGRAD—MACHINERY INDUSTRY

Kirov Plant workers reach new frontiers. P. A. Zaichenko, E. I Loshchagina. Mashinostroitel' no. 1:6-7 Ja '62

LENINGRAD—MACHINERY INDUSTRY—TECHNOLOGICAL INNOVATIONS

Diplomas of the All-Union Council of Scientific Technological Societies granted to the innovators of the Kirov Machinery Plant. N. Antoshchenkov. NTO 3 no. 12: 14 D '61.

Kirov Machinery Plant promotes technological development. N. Kantiev. NTO 3 no 12-12-14 D '61.

LENINGRAD—MANUSCRIPTS, GREEK

Catalog of Greek manuscripts in Leningrad collections. Part 2. Manuscripts of the 10th century. E. E. Granstrem. Viz. vrem. 18:254-274 '61.

Catalog of Greek manuscripts in the Leningrad collections. Part 3. Manuscripts of the 11th century. E. E. Granstrem. Viz. vrem. 19:194-230 '61.

Eleventh-century Gospels in the collection of the Leningrad Public Library. V. D. Likhacheva. Viz. vrem. 19:144-153 '61.

LENINGRAD—MEDICAL MUSEUMS

Medical museum of the Department of Normal Anatomy at the Leningrad Medical Institute of Sanitation and Hygiene. V. N. Nadezhdin, V. N. Balashov, L. E. Zhemchuzhnikova. Arkh anat. gist. i embr. 41 no. 9:111-120 S '61.

LENINGRAD—MONUMENTS

Avenue of Heroes. N. Kuz'min. Kryl. rod. 13 no. 2;7 F '62.

LENINGRAD—MOTION-PICTURE STUDIOS

Motion-picture organizations in Petrograd, 1918-1925. A. M. Gak. Iz ist. kino 4:56-63 '61.

The Petrograd Institute of Motion-Picture Art. V. P. Mikhailov. Iz ist. kino 4:84-94 '61.

LENINGRAD—PLANT BREEDING

Seeds of life. O. Musienko. Znan. ta pratsia no. 1;26-27 Ja '62.

LENINGRAD—PLUMBING

A simple Soviet man. L. Abramovich. Zhil. -kom. khoz. 11 no. 10;15 O '61.

LENINGRAD—QUALITY CONTROL

Public inspection. V. Travinskii. Neva no. 7;149-154 '61.

LENINGRAD—RECONSTRUCTION

Ezhov, V. A. [Leningrad workers in the struggle for the reconstruction of the city, 1944-1945] Rabochie Leningrada v bor'be za vosstanovlenie goroda, 1944-1945 gg. [Leningrad] Izd-vo Leningr. univ., 1961. 105 p.

LENINGRAD—REFRIGERATION AND REFRIGERATING MACHINERY

Thirtieth anniversary of the Leningrad Technological Institute of the Refrigeration Industry. Khol. tekh. 38 no. 4 66-68 Jl-Ag '61.

LENINGRAD—RETAIL TRADE

Studying the economic effectiveness of stores with new forms of trade. V. P. Kust. Shor. nauch. rab. Len. inst. sov. torg. no. 16;119-124 '60.

LENINGRAD—SIEGE, 1941-1944

City as a front. Voen. -ist. zhur. 3 no. 9;127 S '61.

Leningrad during the blockade. IA. Miodik. Raspr. pochi no. 6;21-22 Je '61.

LENINGRAD—SOCIALIST COMPETITION

Khabibulina, R. IA. [Leningrad Communists, organizers of the Stakhanov Movement, 1935-1937] Leningradskie kommunisty - organizatory stakhanovskogo dvizhenila; 1935-1937 gg. [Leningrad] Izd-vo Leningr. univ., 1961. 169 p.

LENINGRAD—TEACHERS COLLEGES

Reorganizing educational work in a pedagogical institution of higher learning. A. M. Arkhangel'skii. Uch. zap. Ped. inst. Gerts. 201;31-43 '61.

LENINGRAD—THEATER

"Heads not bowed." A. Karaganov. Teatr 22 no. 8; 111-113 Ag '61.

Hear the voice of time. O. Persidskaia. Neva no. 12: 160-165 '61.

Repertory quests. S. TSimbal. Neva no. 7;200-207 '61.

LENINGRAD—TRADE UNIONS

[At a new stage; from the work practice of Leningrad trade unions] Na novom etape; iz opyta raboty leningradskikh profsoiuzov. [Leningrad] Lenizdat, 1960. 109 p.

LENINGRAD—TURBINES

Leningrad metallurgical plant. Nauka i zhizn' 28 no. 10;66-69 O '61.

LENINGRAD—UNIVERSITIES AND COLLEGES

Life calls for it; provide for scientific and technical knowledge of the people. N. Tikhonov. Mest. prom. i khud. promys. 2 no. 7;15 Jl '61.

LENINGRAD—VEGETABLE TRADE

Ways to improve the potato and vegetable supply of Leningrad. T. B. Krivkova. Shor. nauch. rab. Len. inst. sov. torg. no. 16;77-89 '60.

LENINGRAD PROVINCE—AGRICULTURE—ECONOMIC ASPECTS

Commodity and monetary relations between the state and collective farms. E. P. Dorofeev. Uch. zap. kaf. obshchestv. nauk vuz. g. Len. ; Polit. ekon. no. 3;128-151 '61.

LENINGRAD PROVINCE—COLLECTIVE FARMS—INCOME DISTRIBUTION

Improving the wage systems on collective farms at the present-day stage. V. E. Grigorovskii, N. S. Zhitkin. Uch. zap. kaf. obshchestv. nauk vuz. g. Len. ; Polit. ekon. no. 3;152-160 '61.

LENINGRAD PROVINCE—RESEARCH, INDUSTRIAL

Reliable helpers. N. Tikhomirova. NTO 4 no. 1;25-26 Ja '62.

LENINGRAD PROVINCE—SCHOOL SUPERVISION

In Leningrad Province the experience of the best is known to all. O. Zharkova. Nar. obr. no. 1-22-23 Ja '62.

LENINGRAD PROVINCE—STATE FARMS—ACCIDENTS

Industrial accidents in specialized state farms in the Leningrad Province. M. I. Elotskii, G. D. Rudenko. Sov. zdrav. 20 no. 7.22-25 '61.

LENINGRAD PROVINCE—TEACHERS, TRAINING OF

Graduation projects;from the experience of the Department of Elementary Education. N. G. Kushkov. Uch. zap. Ped. inst. Gerts. 201;123-134 '61.

LENINOGORSK—LEAD INDUSTRY

In a factory of communist work. P. Egorov. Part. zhizn' Kazakh. no. 11;66-68 N '61.

LENINOGORSK—METALLURGICAL PLANTS

Leaning upon many active workers. I. Shchetinin. NTO 3 no. 12:35 D '61.

LENINOGORSK REGION (EAST KAZAKHSTAN PROVINCE)—BORING

Drilling operations in the mines of the Leninogorsk Combine. Z. B. Alborov, S. P. IUshko. Vzryv. delo no. 46/3: 139-149 '61.

LENS, CRYSTALLINE see Crystalline lens

LENTILS
Effect of ultrasonic waves on the germination of lentils. R.S.Limar' Bot.zhur. 46 no.8 1165-1168 Ag '61.

LEO, DIACONUS, fl,990
History of Byzantine chronography of the 10th century. A.P.Kazhdan. Viz vrem 20:106-128 '61.

LEONOV, LEONID MAKSIMOVICH, 1899-
Flight and return of Mr.McKinley. N.Zaitsev. Isk. kino no.7:97-101 '61.
"Poetry of life" by F.Kh.Vlasov. Reviewed by I.Shevtsov. Neva no.7:196-198 '61.

LEPIDOCROCITE
X-ray study of the dehydration products of goethite and lepidocrocite. E.P.Sal'dau. Zap LGI 38 no.2:140-149 '61.

LEPROSY
Current status of treatment and prevention of leprosy in the U.S.S.R. and foreign countries. N.A.Torsuev. Vest.derm i ven. no.1 51-57 '62.

LESAMA, PEDRO
A sword by Pedro Lesama. M. Kosinskii. Soob. Gos. Erm no. 20:22-23 '61.

LEUCOCYTES
Comparative characteristics of leucocytic and temperature reactions of animals to radiation action [with summary in English]. N.A.Volokhova. Med.rad. no.6:53-58 '61.
Data demonstrating the antigenic relationship between Salmonella typhi and human leucocytes [with summary in English]. V.Kh.Vylchanov, R.Popivanov. Biul.eksp. biol. i med. 52 no.10 89-92 O '61.
Glycogen content of leucocytes in schizophrenia and its therapy. Z.A.Zurabashvili Soob.AN Gruz.SSR 27 no.5:629-633 N '61.
Leucocyte reaction and immunological indices in rabbits in response to the action of X-rays. T.G.Starkova and others. Med.rad. no.7:87-88 '61.
Phagocytic activity of the leucocytes in some diseases of the blood system G.V.Osechenskaia, G.S.Sel'tsovskaia. Probl.gemat. i perel.krovi no.11:20-24 '61.
Studies on the adaptation of transfused leucocytes. A.V. Illukhin. Probl gemat i perel krovi no 2 33-38 '62.

LEUCOCYTOSIS
Diagnostic value of local leucocytosis in rheumatic heart lesions. B.N.Filinov, G.K.TSverianishvili, A.D.Popova. Sov.med. 25 no.6:136-138 Je '61.

LEUCOPENIA
Intravital study of the bone marrow and bone tissue in osteomyelopoietic dysplasia. P.D.Osmanliev Probl. gemat. i perel.krovi no.2 14-20 '62.
Role of chronic tuberculous intoxication in the development of leucopenia. V.M.Voitiuk. Probl.tub. no.5: 105-110 '61.
Study of the leucolyzing property of blood serum in leucopenic conditions [with summary in English] L.D. Karpenko. Vrach.delo no.12:88-93 D '61.
Use of Batyl alcohol and leukogen in radiation leucopenia. E.N Mozharova, A.M.Rusanov, R.S.Komarova. Med. rad no.9,13-16 '61.
Variants of osteomyelodysplasia (osteomyelosclerosis). E.Z.Novikova. Probl.gemat. i perel.krovi no.2,21-27 '62.

LEUCOSIS
Case of lymphosarcoma in combination with Leucosis. A.V.Arkhangel'skii, A.V.Maksimova. Vop.okh mat. i det. 6 no.8:83-85 Ag '61.

LEUKEMIA
Case of prolonged spontaneous remission in chronic lymphoid leucosis. E.B Vladimirskaia. Probl.gemat. i perel.krovi no.2:51-54 '62.
Changes in some factors of natural immunity in patients with leukemia; review of the literature. V.V.Akkerman, N.M.Ivanova. Probl gemat. i perel.krovi no.11:12-19 '61.
Complications in leukemic patients vaccinated against smallpox [with summary in English]. E.B.Vladimirskaia. Sov.med. 25 no.8:118-120 Ag '61.
Congenital leukosis in a 2-day-old infant. L.N.Artemkina, V.F.Ombrados, A.F.Sorokin Probl.gemat. i perel krovi no.2:47-51 '62.
Correlations between the action of pyrimidine stimulators and inhibitors of cell growth and reproduction. N.V. Lazarev, G.I.Feitelovich. Vop.onk. 7 no.8:65-72 '61.
Effect of the spleen on the adaptation of transfused erythrocytes in leukemic patients. N.F.Klimova. Probl. gemat. i perel.krovi no.2:57-59 '62.
Leukemia-producing agent isolated from tissues of C57 Bl mice using ionizing radiations. A.I.Agsenko. Probl. gemat. i perel.krovi no.2:8-13 '62.
Oncological activity of brain filtrates from the cadavers of patients with acute leukemia. D.M.Levina, V.A. Parnes. Vop.onk. 7 no.12:13-19 '61.
Treating funicular myelosis with vitamin B_{12}. M.B. Eidinova and others. Vit.res.i ikh isp. no.5:220-234 '61.
Use of leukemic cytotoxic sera in the compound treatment of chronic leukemias. O.D.Ramonova-TSkhovrebova. Probl. gemat i perel krovi no 2 54-57 '62.
Vitamin B_{12} and iron concentration in the blood of leukemic patients. O.V.Aksenova, O.P.Lavrova. Vit.res. i ikh isp. no.5,220-228 '61.

LEVEL (TOOL)
Examination and practical use of the NL-3 level. IU G. Batrakov, V.D.Eremeev, L.B.Savinov Geod i kart. no 11 29-32 N '61.

LEVELING--EQUIPMENT AND SUPPLIES
New design of a leveling rod. N.G.Klichnikov. Izm. tekh. no.12:63 D '61.

LEVINSON-LESSING, FRANTS IUL'EVICH, 1861-1961
Frants IUl'evich Levinson-Lessing, an outstanding petrographer; on the 100th anniversary of his birth, 1861-1961. M.A.Kashkai. Izv.AN Azerb.SSR.Ser geol.-geog.nauk i nefti no.3:3-14 '61.

LEVITAN, ISAAK IL'ICH, 1860-1900
Dom detskoi knigi. [Life and works of I.I.Levitan; materials for school and children's library displays] Zhizn' i tvorchestvo I.I.Levitana; materialy dlia vystavki v shkole i detskoi biblioteke. Moskva, Gos. izd-vo detskoi lit-ry M-va prosv.RSFSR, 1961. 7 p. 28 plates.
"Levitan" by S Prorokova. Reviewed by IU Osmolovskii. Iskusstvo 24 no 6 73 '61.

LEVOMYCETIN
Effect of levomycetin on the motor functions of the gastrointestinal tract [with summary in English]. N.K.Popova. Farm.i toks. 24 no.3:335-338 My-Je '61.
Levomycetin in the treatment of cholecystitis and cholangitis [with summary in English] V.P.Sil'vestrov, A.L.IAroslavtsev. Sov.med. 25 no.7 81-86 Jl '61.

LEVYTS'KYI, IVAN, 1837-1918
"Ivan Nechui-Levyts'kyi; a literary portrait" by M.U. Pokhodzilo. Reviewed by V.O.Vlasenko. Rad.lit. 5 no.4:135-138 Jl-Ag '61.

LIABILITY (LAW)
Inconsistent practice of the Supreme Court of the U.S.S.R. N.Kuznev. Sots.zakon. 39 no.1:38-39 Ja '62.

LIADOVA, LIUDMILA
An operetta by Liudmila Liadova. Elena Troianovskaia. Teatr 22 no.8:148 Ag '61.

LIBEL AND SLANDER
Crimes impairing a person's dignity and good name. A.Kuznetsov. Rad.pravo no.4:108-111 Jl-Ag '61.

LIBRARIANS
Librarian's Day. S.Liakhova, M.Fefelova. Bibliotekar' no.2:56-58 F '62.
When you love your work. L.Kocherova. Bibliotekar' no.1 36-40 Ja '62.

LIBRARIES
(see also subdivision under Estonia; Jackson, Miss., Japan; Kaluga; Leningrad; Moscow; Virgin Territory)
The hand of a friend. M.Zakharova. Bibliotekar' no.1: 41-42 Ja '62
On the day of the opening of the congress. M.Vlasov. Bibliotekar' no 1:26-29 Ja '62.

LIBRARIES --STATISTICS
Scientific, technical and special libraries in the U.S.S.R. M. Polubotarinov. Vest.stat. no.1:24-33 '62.

LIBRARIES, FACTORY see Factory libraries

LIBRARIES, RURAL see Rural libraries

LIBRARIES, TECHNICAL see Technical libraries

LIBRARIES AND READERS
(see also subdivision under Penza Province; Pskov Province)
Each has his own responsibility. V.Klimenkov, T.Sologubova. Bibliotekar' no.2:35-37 F '62.
Everything depends on ourselves. V.IAsenenko. Bibliotekar' no.1:29-31 Ja '62
Family subscription. P.Gorbunov. Bibliotekar' no.2: 51-52 F '62.
Fears were vain. N.Gavrilenko. Bibliotekar' no.1:53 Ja '62.
Libraries help one choose a profession. A.Nikitina. Bibliotekar' no.2:31-32 F '62.
Living pages. N.Dubinina. Bibliotekar' no.1:61 Ja '62.
Members of the soviet meet in the culture section. D.Pikulev, E.Savel'eva. Bibliotekar' no.1:31 Ja '62.
On the "Rasevet" Collective Farm. G.Danilova. Bibliotekar' no.2:5 F '62.
The promotion of materials on the congress is an important part of our work. A.Malakhov. Bibliotekar' no.2:4 F '62.
Public libraries and technological progress. N.Vil'chur. Bibliotekar' no.2:25-28 F '62.
Whom to consider a reader. A.Esikov. Bibliotekar' no 1 54 Ja '62
With books to the experimental and model farms! R.Kaitseva. Bibliotekar' no.1:22-23 Ja '62.

LIBRARY CATALOGS
Train children to use the catalog. E.Fadeeva, Kh.Fernandes. Bibliotekar' no 1 32-33 Ja '62.

LIBRARY CONFERENCES
So it would not be a conference of clichés L.Kutuzova. Bibliotekar' no.1 51-52 Ja '62.

LIBRARY SCHOOLS AND TRAINING
Problems of advanced library-science education. I.Levin. Bibliotekar' no.1:47-51 Ja '62.

LIBRARY SCIENCE
"General library science" by O.S.Chubar'ian. Reviewed by N Kartashov, E.Fenelonov. Bibliotekar' no 1 59-60 Ja '62.
The next tasks before library science. IU.Grigor'ev. Bibliotekar' no.1:3-7 Ja '62.
To the readers of our magazine. Bibliotekar' no.1:1-2 Ja '62.
With the help of printed cards. A.Rabin. Bibliotekar' no.2:58-59 F '62

LIBRARY SCIENCE--BIBLIOGRAPHY see Bibliography--Library science

LICHENS
(see also subdivision under Sayan Mountains)
Moiseeva, E.N. [Biochemical properties of lichens and their practical importance] Biokhimicheskie svoistva lishainikov i ikh prakticheskoe znachenie. Moskva, Izd-vo Akad.nauk SSSR, 1961. 81 p.

LICHTENBERG, GEORG CHRISTOPH, 1742-1799
"Forester and Lichtenberg" by W.Rödel. Reviewed by M Tronskaia. Vop.lit. 5 no.8 233-236 Ag '61.

LIENS
Some problems concerning the deletion of some items from the liens on property. B.V.Pokrovskii. Uch. trudy Kazakh.gos.un.Ser.iur. no.5:144-162 '59.

LIFE (BIOLOGY)
Is there evidence of a specific character of life on a molecular level? A.B.Rubin, A.S.Antonov. Nauch. dokl.vys.shkoly:filos.nauki 4 no.3:143-148 '61.

LIFESAVING
Sparrow. A.Starkov. Ogonek 40 no.5:26-27 Ja '62.

LIFTING JACKS
Screw jack. A.Datsenko. Tyl.i snab.Sov.Voor.Sil 21 no.11:91 N '61.

LIGATURE (SURGERY)
Late results of an operation for the ligation of a vena cava in the treatment of decompensated mitral vitium cordis. I.K.Karaev. Azerb.med.zhur. no.7:23-29 Jl '61.

LIGHT
Nonfulfillment of Bouguer's law in media with negative absorption coefficients. B.I.Stepanov. Dokl.AN BSSR 5 no.11:489-491 N '61.

LIGHT--PHYSIOLOGICAL EFFECT
Effect of the duration of rhythmic light flashes and the intervals between them on the reproduction of rhythms by the human brain. V.A.Il'inok. Biofizika 6 no.6: 711-716 '61.
Influence of a brain lesion on the bioelectrical reaction in rhythmic light stimulation. IU.Ungor, E.Churia, D.Volanskii. Fiziol.zhur. 47 no.6:704-710 Je '61.
Influence of photoperiodic conditions on the thyroid gland in swine [with summaries in English, German, and French]. A.IA.Klochkova. Vest.sel'khoz.nauki 6 no.11:68-72 N '61.
Light as a factor regulating the development cycle of the Chinese tussah moth (Antheraea pernyi Guer.) B.N. Berkina, Sbor.rab.po ekol.i sist.zhiv. no.1:73-79 '59.
Response reactions of the external geniculate body of an anesthetized cat to light flashes of varying frequency and strength [with summary in English]. V.P.Dulenko, E.N.Sokolov. Zhur.vys.nerv.deiat. 11 no.5:943-950 S-O '61.

LIGHT FILTERS
Using light filters in oscillographs. IU.A.Magnitskii. Izm.tekh. no.12:63 D '61.

LIGHT METALS
Use of light alloys in the building of river ships. A.Strakhov. Rech.transp. 20 no.11:17-19 N '61.

LIGHTING, ARCHITECTURAL AND DECORATIVE
Outdoor and architectural lighting of the Hall of Congresses in the Kremlin. N.V.Gorbachev, V.M.TSar'kov. Svetotekhnika 8 no.1:18-24 Ja '62.

LIGHTNING

Loop lightning. IU. M. Zalevskii. Priroda 51 no. 1:115 Ja '62.

LIGHTNING PROTECTION

Reinforcing the insulation of lightning arresters. A. IA. Sliusarevskii. Elek. i tepl. tiaga 5 no. 12:22-23 D '61.

LIGHTWEIGHT CONCRETE

"Autoclaved fly ash concrete made from industrial waste materials" by P. I Bozhenov, IA. S. Satin. Reviewed by I A. IAkub. Izv. ASiA no 2:137 '61

Built-up roof made of lightweight concrete slabs. Stroitel' no. 11:24-25 N '61.

Elasticity of keramzit concrete functioning under connected deformations. IA. G. Sungatullin. Trudy NII prom. zdan. i sooi., no. 3 72-80 '60.

Flexures of foamed reinforced concrete slabs and ways to lessen them. I. L Zhodzishskii, V. B. Zolotukhin. Trudy NII prom. zdan. i soor. no. 3:81-105 '60.

Physical and mechanical properties of foamed slag concrete. S. M. Skorobogatov. Trudy NII prom. zdan. i sooi., no. 3:15-28 '60.

Possibility of using sluiced ash in the manufacture of autoclaved building materials. D. I. Chemodanov, V. V. Siber. Sbor. nauch. trud. TISI 6:118-122 '61.

Some mechanical properties of fly ash concretes and lightweight concretes prepared with a lime-cement fly ash binder. IU. A. Kashirskii, M. F. Chebukov Trudy NII prom zdan. i soor. no. 3:5-14 '60.

Study of reinforced concrete elements made with foamed slag aggregate. S. M. Skorobogatov. Trudy NII prom. zdan. i soor. no. 3:20-42 '60.

Texturized lightweight concrete outer-wall panels made with natural stone materials V. Stepanian. Prom Arm. 4 no. 11:50-54 N '61.

Use of cellular concrete in construction. A. A. Tikhomirov. Sbor. nauch. trud. TISI 6:105-112 '61.

LIGNIN

Effect of the moisture regime of peat soils on the formation of substances composing the mechanical tissues of plants. V. M. Terent'ev, L. N. Konovalova. Dokl. AN BSSR 5 no. 11:511-514 N '61

Hydrolysis of cellulose lignin by a 44-45% hydrochloric acid solution in a diffusion battery. N. V. Chalov and others. Zhur. prikl. khim. 34 no. 12:2737-2745 D '61.

Low molecular weight dioxane lignin. M. M. Chochieva, N. I. Nikitin. Zhur. prikl. khim. 34 no. 12:2733-2737 D '61.

Production of benzenepolycarboxylic acids from hydrolytic lignin by oxidation with alkali permanganate M. I. Chudakov, A. P. Krasnova. Zhur prikl. khim. 34 no. 12:2754-2760 D '61.

Production of benzenepolycarboxylic acids from hydrolytic lignin by oxidation with nitric acid. M. I. Chudakova, A. P. Krasnova. Zhur. prikl. khim. 34 no 12: 2760-2764 D '61.

LILIES see subdivision under White Russia

LIME

Recovery of lime mud. A. A. Alekseev. Bum. prom. 36 no. 11:30-31 N '61.

LIMESTONE

(see also subdivision under Chingiz-Tau)

Process of limestone calcination in a fluidized bed. V. M. Dement'ev, IU. P. Nekhlebaev Khim. prom. no. 11: 776-781 N '61.

LIMIT THEOREMS (PROBABILITY THEORY)

Limit theorem for sums of dependent random quantities. M. D. IUdin. Izv. vys. ucheb. zav. ;mat. no. 1:172-177 '62.

LIMITATION OF ACTIONS

Gurvich, M. A. [Suspension of the statute of limitations in Soviet civil law] Presekatel'nye sroki v sovetskom grazhdanskom prave. Moskva, Vses. iurid. zaochnyi in-t, 1961. 78 p.

LINEAR DIFFERENTIAL EQUATIONS see Differential equations, Linear

LINEAR EQUATIONS

Method for the reduction of infinite systems of linear equations. IU. I. Gribanov. Izv. vys. ucheb. zav. ;mat. no. 1:28-40 '62.

LINEAR PROGRAMMING

Nauchnoe soveshchanie o primenenii matematicheskikh metodov v ekonomicheskikh issledovaniiakh i planirovanii, 1960. [Works of the Scientific Conference on the Use of Mathematical Methods in Economic Planning and Research] Trudy. Moskva, Izd-vo Akad. nauk SSSR, Vol.4. [Linear programming] Lineinoe programmirovanie. 1961. 126 p.

LINOLEUM

Setting of poly (vinyl chloride) linoleum. M. L. Kupershmidt, V. I. Surkov. Plast. massy no. 10:33-36 '61.

LIONS IN ART

Lion's head from the Mirmekion excavations. N. Grach. Soob. Gos. Erm. no. 20:48-50 '61.

LIPASE

Use of ronidase and lipase iontophoresis in chronic inflammatory diseases of the uterus, adnexa and parametrial tissues [with summary in English] I. N Rembez. Sov. med 25 no. 9:33-36 S '61.

LIPETSK PROVINCE—COLLECTIVE FARMS

Analyzing the utilization of capital assets on collective farms. N. Khmelevskii. Plan. khoz. 39 no. 2:76-82 F '62.

LIPETSK PROVINCE—MATHEMATICS—STUDY AND TEACHING

Teachers of Lipetsk Province comment on their experience. D Zolotarev and others. Nar. obr. no 1:49-60 Ja '62.

LIPIDS

Effect of anticoagulants on the blood level in coronary atherosclerosis [with summary in English]. L. A. Miasnikov, V. I Piatenko. Sov med. 25 no 7 31-35 Jl '61.

LIPOPROTEINS

Electrophoretic study of protein and lipo- and glyco-protein fractions in the blood serum in epidemic hepatitis. N. A. Zaslauskain. Terap arkh. no. 6:41-46 '61.

Protein-lipoid changes in the blood in renal pathology [with summary in English]. D. N. Rozenshtein. Terap. arkh. no. 6:61-68 '61.

LIPS—CANCER

Prevention and treatment of lip cancer. V. IA. Vytrishchak. Stomatologiia 39 no 6:46-49 N-D '60.

LIPS—SURGERY

Planning operations for cheiloplasty in congenital fissures of the upper lip. I. V. Berdiuk. Stomatologiia 39 no. 6: 37-41 N-D '60.

LIQUEFIED PETROLEUM GAS

Automobile transport on liquid gas. N. Kharitonenko. Tyl i snab. Sov. Voor. Sil 21 no. 10:89-90 O '61.

LIQUID METALS

Heat transfer to liquid metals with conditions of an internal problem. B. P. Ustimenko. Trudy Inst. energ. AN Kazakh. SSR 2:252-260 '60.

Interaction between open-hearth furnace hearth linings and the components of the charge and products of open-hearth smelting. N. K. Ishmukhamedov, S. M. Zubakov. Izv. AN Kazakh SSR Ser. met., obog. i ogneup. no. 3 105-113 '61.

Investigating the viscosity of melts in the system K_2TiF_6 - NaCl - TiO_2 IU. M. Putilin, V. D Ponomarev, A. I. Milov. Izv. AN Kazakh. SSR. Ser. met ., obog. i ogneup. no. 3 66-78 '61.

LIQUID METALS—THERMAL PROPERTIES

Thermophysical properties of molten metals [with summary in English]. IU. P. Os'minin. Inzh. -fiz. zhur. 5 no. 2:108-112 F '62.

LIQUIDS

Determining the boiling points of mixtures consisting of substances considerably differing by their vapor pressure. S. K. Ogorodnikov, V. B. Kogan, A. I. Morozova. Zhur. prikl. khim. 35 no. 1:193-195 Ja '62.

LIQUIDS—DIPOLE MOMENTS

Relation between the dielectric constant and mean dipole moments in mixtures of polar liquids. O. A. Osipov. Uch. zap. RGU 41, 3-25 '58.

LITERARY CALENDARS see subdivision under United States

LITERARY SOCIETIES see subdivision under Ukraine

LITERATURE

(see also subdivision under Maritime Territory)

Brief news. Vop. lit. 5 no. 7:247-256 Jl '61.

Brief news. Vop. lit. 5 no. 8:245-256 Ag '61.

LITERATURE—BIBLIOGRAPHY see Bibliography—Literature

LITERATURE—HISTORY AND CRITICISM

Czech critics before new tasks. I. Bernshtein. Vop. lit. 5 no. 8:131-134 Ag '61.

Principles of the ties of literature with the life of the people. M. Z. Shamota. Rad. lit. 5 no. 4:3-24 Jl-Ag '61.

LITERATURE—HISTORY AND CRITICISM—BIBLIOGRAPHY see Bibliography—Literature—History and criticism

LITERATURE—PERIODICALS

Meditations at the beginning of the year. Viktor Pankov. Ogonek 40 no. 6:27-28 F '62.

LITERATURE—PHILOSOPHY

N. A. Nekrasov on the social function of art. V. V. Bogatov. Vest. Mosk. un. Ser. 8:Ekon., filos. 17 no. 1:71-82 Ja-F '62.

LITERATURE, CRIME IN see Crime in literature

LITERATURE AND COMMUNISM see Communism and literature

LITHIUM

Behavior of a metallic lithium surface in a low moisture air and argon atmosphere. V. V. Rachev, B. K. Mnatsenikov, A. A. Lbov. Zhur. prikl. khim. 35 no. 1:160-Ja '62.

LITHIUM ORGANIC COMPOUNDS

Organolithium synthesis and study of the properties of some α-alkylnaphthalenes of the composition C_{10}-C_{20}. E. B. Sokolova, M. P. Shebanova, S. A. Shchepinov. Izv. vys. ucheb. zav. ,khim. i khim. tekh. 4 no. 4:617-620 '61.

LITHUANIA

Do you know? Kult. i zhizn' 6 no. 1:12-15 '62.

LITHUANIA—AGRICULTURE

Gregorauskas, M. [Soviet Lithuanian agriculture, 1940-1960] Tarybu Lietuvos zemes ukis, 1940-1960. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1960 402 p. [In Lithuanian]

LITHUANIA—BUILDING MATERIALS INDUSTRY

Jotautas, K. [New techniques in the building materials industry of the Lithuanian S. S. R.] Naujoji technika Lietuvos TSR statyviniu medziagu pramonoje. Vilnius, Centrinis techines informacijos ir propagandos biuras, 1960. 126 p [In Lithuanian]

LITHUANIA—COMMUNIST YOUTH LEAGUE

How our section works. B. Chivkov. Komsom. zhizn' no 13, 23-25 Jl '61

LITHUANIA—MUNICIPAL SERVICES

The Lithuanian S.S.R. Zhil.-kom. khoz. 11 no. 10:32 O '61.

LITHUANIA—ONCOLOGY

History of the development of oncology in the Lithuanian S.S.R. B.I.Lukshtan. Vop. onk. 7 no. 5:111-114 '61.

LITHUANIA—PAPER INDUSTRY

According to a broad plan. G. A. Volokitin. Bum. prom. 36 no. 11:26-29 N '61.

LITHUANIA—POLITICS AND GOVERNMENT

Lithuanian S.S.R. Aukschiausioji Taryba. [Meetings of the Fifth Supreme Soviet of the Lithuanian S.S.R., second session, November 24-25, 1959. Verbatim report] Vieriala sesetlia Verkhovnogo Soveta Litovskoi SSR (piatogo sozyva) 24-25 noiabria 1959 g.; stenograficheskii otchet. Vilnius, Gos. izd-vo polit. i nauch. lit-ry Litovskoi SSR, 1960. 213 p.

Lithuanian S.S.R. Aukschiausioji Taryba. [The solemn fourth session of the Fifth Supreme Soviet of the Lithuanian S.S.R., July 21, 1960; verbatim report] Torzhestvennaia chetvertaia sessiia Verkhovnogo Soveta Litovskoi SSR (piatogo sozyva) 21 iiulia 1960. goda; stenograficheskii otchet. Vilnius, Gos. izd-vo polit. i nauchn. lit-ry Litovskoi SSR, 1960. 139 p.

LITHUANIA—WORLD WAR, 1939-1945

Kurganovas, M. [Facing death] Mirties akivaizdoje. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1960. 156 p. [In Lithuanian]

LITHUANIA—WORLD WAR, 1939-1945—ATROCITIES

[The sand of Dzukija is soaked with blood] Krauja sugere Dzukija smelis. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1960. 70 p. [In Lithuanian]

Vicas, J. [In the service of the SS; documents on crimes perpetrated by the Lithuanian guards] SS tarnyboje: dokumentinis leidinys apie Lietuviu apsaugos dalin ivykdytus nusikaltimus. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 115 p. [In Lithuanian]

LITHUANIA—WORLD WAR, 1939-1945—PERSONAL NARRATIVES

Dyatrickas, S. J. [The executed talk] Ir susaudytieji prabyla. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1960. 86 p. [In Lithuanian]

LITHUANIAN LANGUAGE—CONVERSATION AND PHRASE BOOKS—FRENCH

Katinskaite-Dovelkiene, O. [Lithuanian-French conversations] Lietuviski-prancuziski pasikalbejimai. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1959. 335 p.

LITHUANIAN LANGUAGE—CONVERSATION AND PHRASE BOOKS—GERMAN

[Lithuanian-German conversation book] Lietuviski-vokiski pasikalbejimai. [By] V. Mackus, comp. 2. istaisytas ir papildytas leidimas. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1960. 510 p.

LITTERS

Folding portable panel for transporting patients with fractures of the spine and hip. N. A. Romadin, V. S Smirnitskii. Sov. med. 25 no. 9:135 S '61.

LIVER

Basic liver function tests in cavernous tuberculosis before and after resection of the lungs. L. A. Mel'nik. Vest khir. no. 5:42-46 '61

Change in the glycogen content in the liver and in the muscles of chick embryos under the influence of insulin introduced into the blood. L. G. Leibson and others. Fiziol. zhur. 47 no. 7:900-905 Jl '61

Determining the content of methionine in blood serum and liver tissue fluid. N. V. Stefanovskaia. Izv. AN Turk. SSR, Ser. biol. nauk no. 5:76-78 '61

Detoxication function of the liver in kidney diseases in children [with summary in English] E. T. Kossova, L. S. Shalyt, V. A. Zernova. Vop. okh. mat. i det. 6 no. 8:18-20 Ag '61.

Effect of pregnancy on the content of silicon, aluminum and titanium in the liver and blood flowing from the liver in experiments on angiostomized dogs [with summary in English]. V. R. Soroka, E. P. Grebennikov. Biul. eksp. biol. i med. 52 no. 8:62-64 Ag '61

Functional state of the liver in brucellosis. O. A. Kordize. Vrach. delo no. 6:149-150 Je '61.

Functional state of the liver in pulmonary emphysema [with summary in English] I. V. Landysheva. Terap. arkh. 33 no. 10:59-63 '61.

Hemopoiesis in the liver in hemolytic disease in newborn infants [with summary in English] A. V. Zhukovets. Arkh. pat. no. 1:24-31 '62.

Liver regeneration in amurous amphibia [with summary in English] L. D. Liozner. Biul. eksp. biol. i med. 52 no. 8:98-101 Ag '61.

Location of Kupffer's cells and their interrelation with epithelial cells of the liver. Sh. R. Rasulev. Med. zhur. Uzb. no. 6:39-45 Je '61.

Possibility of using C^{14} benzoic acid in determining the synthetic antitoxic function of the human liver. A. A. Shatalova, G. I. Meerov. Med. rad. no. 1 48-52 '62.

Protein fractions in the blood serum and the protein-forming function of the liver in thyrotoxicosis. S. I. Rakhimov. Zdrav. Tadzh. 8 no. 6:50-52 N-D '61.

Report on Anton Fischer's book, "The physiology and experimental pathology of the liver." A. V. Rikkl'. Fiziol. zhur. 47 no. 10:1329-1330 O '61.

LIVER—CANCER

Case of metastasis of cancer of the hepatic duct to the tongue [with summary in English]. IU. G. Boiko. Vop. onk. 7 no. 12:57-58 '61.

Primary liver cancer. O. L. Tiktinskii. Sov. med. 25 no. 9:107-109 S '61.

Surgical treatment of primary cancer of the liver. L. S. Zhuravskii. Vest. khir. no. 7:76-79 '61.

LIVER—CIRRHOSIS

Cirrhosis of the liver in its clinical and anatomical aspects. M. I. Teodori and others. Terap. arkh. no. 6: 33-41 '61.

Experimental study of the reversibility of cirrhotic changes in the liver [with summary in English]. L. S. Rubetskoi. Arkh. pat. no. 1:35-41 '62

LIVER—DISEASES

Case of thromboangiitis obliterans with multiple lesions of the large and small vessels and a syndrome of liver lesions. A. D. Bogdanova, M. V. Vvedenskaia. Sov. med. 25 no. 7:141-143 Jl '61.

Clinical significance of some functional liver tests in various diseases [with summary in English]. Z. A. Bondar'. Terap. arkh. 33 no. 60-68 '61.

Diagnostic significance of the determination of C-reactive protein in some diseases of the liver. G. G. Lapina and

e liver
amma-
raev.

[illegible] in disorders of liver function. M. F. Belovinseva. Fiziol. zhur. 47 no. 12:1484-1489 D '61.

Surgical complications of amebiasis [with summary in English]. D. S. Karimov. Med. zhur. Uzb. no. 8:36-39 Ag '61.

Three bilirubin fractions and the significance of their determination in the blood in liver lesions [with summary in English]. Z. D. Shvartsman. Terap. arkh. 33 no. 10:55-59 '61.

Treatment of liver diseases at the Armenian spa Dzhermuk [with summary in English]. G. I. Agadzhanian. Terap. arkh. 33 no. 8:81-85 '61.

LIVER—HYDATIDS

Diagnosis of echinococcosis alveolaris of the liver. I. B. Gordon, G. A. Kapustin. Sov. med. 25 no. 10:128-130 O '61.

Diagnosis of echinococcosis alveolaris of the liver [with summary in English]. I. G. Skvortsov. Sov. med. 25 no. 10:86-89 O '61.

LIVER—NECROSIS

Case of necrosis of large segments of the liver parenchyma following gastric resection. B. V. Smirnov. Sov. med. 25 no. 9:134-135 S '61

Significance of colloidal reactions in acute hepatitis. I. V. Dzhavakhishvili, N. L. Shengelaia. Soob. AN Gruz. SSR 27 no. 4:497-500 O '61.

LIVER—SURGERY

Resections of the liver in operations for cancer of the stomach. E. K. Seleznev. Vest. khir. no. 7:71-75 '61.

LOAD LINE

Revision of the zonality of load marks. A. Rakhoveteskii. Mor. flot 22 no. 1:21-22 Ja '62

LOADING AND UNLOADING

Rakhlis, I. M., F. D. Romanovskii, and V. S. Turetskii. [Over-all mechanization of loading and unloading operations, practices of the Odessa Port] Kompleksnaia mekhanizatsiia pogruzochno-razgruzochnykh rabot; opyt Odesskogo porta. Moskva, Izd-vo "Morskoi transport," 1961. 112 p. (Biblioteka obmena opytom na morskom transporte)

LOADING AND UNLOADING—EQUIPMENT AND SUPPLIES

Overhead vibrators for the unloading of gondola cars. S. A. Drugal'. Zhel. dor. transp. 43 no. 12:87-89 D '61

Simple devices for the mechanization of loading and unloading operations. V. Sadovich. Avt. transp. 39 no. 12:35-36 D '61.

LOCAL ANESTHESIA

Local anesthesia with potentiation under hospital conditions. A. A. Frolov. Voen.-med. zhur. no. 7:71-72 Jl '61.

Neuroplegic substances in combination with local anesthesia in surgery for cancer of the uterine corpus and cervix [with summary in English]. N. M. Novikova. Sov. med. 25 no. 8:40-43 Ag '61.

Potentiated local anesthesia under conditions of a garrison hospital. IU. N. Razumnyi. Voen.-med. zhur. no. 7:78-79 Jl '61.

Retrosternal anesthesia (experimental and clinical observations) [with summary in English] K. S. Dikhamindzhia. Vest. khir. no. 6:94-102 '61.

Use of neuroplegic substances in gastric resection under local anesthesia [with summary in English] I. S. Poleshchuk. Sov. med. 25 no. 8:44-47 Ag '61.

Use of potentiated local anesthesia. A. D. Stepanishchev. Voen.-med. zhur. no. 7:78 Jl '61.

Use of potentiated local anesthesia under conditions of a garrison hospital. S. M. Baranov, A. P. Alekseev. Voen.-med. zhur. no. 7:78 Jl '61.

LOCAL FINANCE

Piskotin, M. I. [Budgetary rights of the local soviets of workers' deputies] Biudzhetnye prava mestnykh Sovetov deputatov trudiashchikhsia. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 331 p.

LOCAL GOVERNMENT

"Organs of Soviet local government from 1921 to 1936" by A. I. Lepeshkin. Reviewed by G. I. Petrov and others. Izv. vys. ucheb. zav.; prav. 5 no. 4:149-151 '61.

LOCKJAW see Tetanus

LOCKS (HYDRAULIC ENGINEERING) see subdivision under Dnieper River

LOCKS (HYDRAULIC ENGINEERING)—ELECTRIC EQUIPMENT

Arkhangel'skii, N. P., S. L. Madorskii, and A. M. Shapiro. [Electric engineering and the electric equipment of locks] Elektrotekhnika i elektrooborudovanie shliuzov. Moskva, Izd-vo "Rechnoi transport," 1961. 251 p.

LOCOMOTIVE ENGINEERS

Kiaz, Il'ia. [Anatol' Shabuniaeu, a locomotive engineer] Mashynist Anatol' Shabuniaeu; narys. Minsk, Dziarzh. vyd-va BSSR, Red. masava-palit. lit-ry, 1961. 30 p. (Nashy suchasniki)

LOCOMOTIVES

Answering readers' queries. Elek. i tepl. tiaga 5 no. 12:39 D '61.

LOCOMOTIVES—BRAKES

"Brake valves" by V. A. Grimo, B. I. Kryiov, A. K. Ozolin. Reviewed by M. A. Spitsyn. Elek. i tepl. tiaga 5 no. 12:41 D '61.

LOCOMOTIVES—MAINTENANCE AND REPAIR

New method of inspection, maintenance and repair of locomotives. V. V. Vulff, V. F. Chepovskaia. Elek. i tepl. tiaga 5 no. 12:9-11 D '61.

Progress in technology is our vital task. IU. S. Lelekov. Elek. i tepl. tiaga 5 no. 12:4-5 D '61.

LOCOMOTIVES—PERFORMANCE

From Moscow to Novaiskoye without changing the locomotive. P. D. Shalanin. Elek. i tepl. tiaga 6 no. 1:21 Ja '62.

LOCOMOTIVES—TESTING

Experiment in the operation of axle box assemblies with roller bearings on electric and diesel locomotives. I. M. Semenov, A. V. Lesov. Trudy TSNII MPS no. 221: 5-15 '61.

LOESS see subdivision under Altai Mountains; Minsk District; Ukraine

LOGIC, SYMBOLIC AND MATHEMATICAL

Resolution of functions of the algebra of logic by formulas of finites classes (formulas of limited depth) in the base &, $\vee$, $\neg$. O. B. Lupanov. Probl. kib. no. 6:5-14 '61.

Zinov'ev, A. A. [Propositional calculus and the theory of deduction] Logika vyskazyvanii i teoriia vyvoda. Moskva, Izd-vo Akad. nauk SSSR, 1962. 151 p.

LOGICAL POSITIVISM

Critical evaluation of the basic principles of the neopositivist theory of knowledge [with summary in English, p. 183]. I. S. Narskii. Vop. filos. 16 no. 1:62-70 '62.

LOKBATAN REGION—DEER, FOSSIL

Excavation of two bones of a deer fossil from the Lokbatan region. N. A. Alekperova. Izv. AN Azerb. S. S. R. Ser. geol.-geog. nauk i nefti no. 6 85-94 '61.

LOMONOSOV, MIKHAIL VASIL'EVICH, 1711-1765

A great son of Russia. L. Akimova. NTO 4 no. 1:6-7 Ja '62.

Intellectual titan of the 18th century. IU. A. Klinchko. Zav. lab. 27 no. 12:1445-1446 '61.

Lomonosov and geology. Sh. A. Azizbekov. Izv. AN Azerb. SSR, Ser. geol.-geog. nauk i nefti no. 5: 3-10 '61.

Lyalsov, V. P. [M. V. Lomonosov, the forefather of Russian enlightment] M. V. Lomonosov rodonachal'nik russkogo prosveshcheniia, 1711-1961. Voronezh, Izd-vo Voronezhskogo univ., 1961. 100 p.

M. V. Lomonosov and agricultural problems; 250th anniversary of his birth. V. A. Perevalov. Vest. sel'khoz. nauki 6 no. 11:140-143 N '61

M. V. Lomonosov and forestry research. Les. khoz. 14 no. 12:72 D '61.

M. V. Lomonosov and geographical science. A. G. Babaev. Izv. AN Turk. SSR, Ser. biol. nauk no. 6:3-6 '61.

M. V. Lomonosov and geography; on the 250th anniversary of his birth. A. F. Laktionov. Izv. Vses. geog. ob-va 93 no. 6:461-478 N-D '61

M. V. Lomonosov and his theory of the organic origin of petroleum; 250th anniversary of his birth. K. V. Kostrin. Izv. vys. ucheb. zav.; neft' i gaz 4 no. 6:139-144 '61.

M. V. Lomonosov and physiology; on the 250th anniversary of his birth. D. G. Kvasov. Fiziol. zhur. 47 no. 12:1457-1462 D '61.

M. V. Lomonosov and problems of health protection in children; on the 250th anniversary of his birthday. S. M. Grombakh. Pediatriia 40 no. 12:48-50 D '61.

M. V. Lomonosov and Russian ethnology; on the 250th anniversary of his birth [with summary in English]. N. N. Stepanov. Sov. etn. no. 5:107-123 S-O '61.

M. V. Lomonosov and Soviet public health; on the 250th anniversary of his birth. S. M. Lange. Zdrav. Tadzh. 8 8 no. 6:40-49 N-D '61.

M. V. Lomonosov as the founder of mining engineering in Russia. Izv. vys. ucheb. zav.; gor. zhur. no. 11:3-8 '61.

M. V. Lomonosov as the founder of Russian science; on the 250th anniversary of his birth. G. V. Krylov. Izv. Sib. otd. AN SSSR no. 11:3-11 '61

M. V. Lomonosov on the origin and nature of the ancient Russian state. N. A. Lobanov. Izv. vys. ucheb. zav.; prav. 5 no. 4:139-143 '61.

M. V. Lomonosov on the psychology of cognition; on the 250th anniversary of his birth [with summary in English]. G. S. Kostiuk. Vop. psikhol. 7 no. 5:9-24 S-O '61.

M. V. Lomonosov's scientific conceptions. B. G. Kuznetsov. Izv. Sib. otd. AN SSSR no. 11:12-18 '61.

M. V. Lomonosov's works in the field of oceanography; on the 250th anniversary of his birth. V. A. Perevalov. Okeanologiia 1 no. 6, 1120-1126 '61.

Makeeva, V. N. [History of M. V. Lomonosov's "Russian grammar."] Istoriia sozdaniia "Rossiiskoi grammatiki" M. V. Lomonosova. Moskva, Akad. nauk SSSR, 1961. 170 p.

Mamednliazov, O. N. [M. V. Lomonosov] Bolik rus alymy M. V. Lomonosov. Ashgabat, 1961. 29 p. [In Turkmen]

Mikhail Vasil'evich Lomonosov, an outstanding chemist of the 18th century. V. P. Barzakovskii. Zhur. prikl. khim. 34 no. 12:2589-2603 D '61.

Morozov, A. A. [M. V. Lomonosov; his career up to maturity, 1711-1741] M. V. Lomonosov. Put' k zrelosti, 1711-1741. Moskva, Izd-vo Akad. nauk SSSR, 1962. 466 p.

Our "first university." N. Filin. Vest. Mosk. un. Ser. 8: Ekon., filos. 17 no. 1:89-94 Ja-F '62.

Our first university. O. Pisarzhevskii. Sov. voin 43 no. 21:18 N '61.

Scientific ideas and works of M. V. Lomonosov on water resources and hydraulic engineering. F. Nesteruk. Rech. transp. 20 no. 11:44-46 N '61.

Secrets of the universe. V. Chenakal. Neva no. 6:219-220 '61.

LOMONOSOVITE see subdivision under Lovozero Tundras

LONDON—EXHIBITIONS
Plastics at the Soviet Industrial Exhibition in London. G. O Tatevos'ian. Plast. massy no. 9 72-74 '61.

LONGEVITY see subdivision under Ukraine

LONGSHOREMEN
Ways to improve the methods of calculating labor productivity indices for loading and unloading operations in sea harbors. Mor. flot 22 no. 1:8-9 Ja '62.

LOOMS
(see also subdivision under Germany, East)
Automatic device for removing excess windings from bobbins. IU. F. Morin, IU. P. Raizer, M. L. Gincherman. Tekst. prom. 21 no. 5:59-61 My '61.
Gordeev, V. A., K. P. Nekrasov, and P. V. Volkov. [Cotton weaving] Khlopkotkachestvo. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1961. 517 p.
Possibility of increasing the speed rate of automatic looms by means of a drive with noncircular pinions. L. M. Raikunova. Izv. vys. ucheb. zav. tekh. tekst. prom. no. 6:83-92 '61.

LOOMS—TESTING
Energy operating conditions of the picking mechanism of the AT-100-2 loom. B. I. Mitropol'skii. Izv. vys ucheb. zav. tekh. tekst. prom. no. 6:127-129 '61
Studying the performance of the taking-up pawl mechanisms of the AT-100 and ATK-100 looms. R. I. Kharechko. Izv. vys. ucheb. zav. tekh. tekst. prom. no. 6:68-73 '61.

LOUDSPEAKERS
Loudspeaker using the magnetic system of a telephone receiver. M. Efrussi. Radio no. 1:33-34 Ja '62.
Loudspeaker with a cone in the magnetic system. M. Polianskii. Radio no. 1:35-36 Ja '62.
Loudspeaker with a tapered cone. O. Stukanov. Radio no. 1:36 Ja '62.

LOVOZERO TUNDRAS—LOMONOSOVITE
Betalomonosovite. V. I. Gerasimovskii, M. E. Kazakova. Dokl. AN SSSR 142 no. 3:670-673 Ja '62.

LOVOZERO TUNDRAS—ROCKS, IGNEOUS
Concerning T. N. Ivanova and A. V. Ghlakhov's review of the book "Lovozero alkaline massif" by K. A. Vlasov and others. Izv. AN SSSR. Ser. geol. 27 no. 1:113-115 Ja '62.

LOW BLOOD PRESSURE see Hypotension

LOZI (AFRICAN TRIBE)
Agriculture and agrarian relations among the people of the Barotse [with summary in English]. I. A. Svanidze. Sov. etn. no. 5:63-79 S-O '61.

LUBRICATION AND LUBRICANTS
At the Exhibition of the Achievements of the National Economy. V. Alipov, V. Kovalenko. Tyl. i snab. Sov. Voor. Sil 21 no. 11:76-81 N '61.
Effect of the fractional composition of synthetic fatty acids on the thermal stability and performance characteristics of sodium-base greases V. V. Sinitsyn and others. Khim. i tekh. topl. i masel 7 no. 2:53-59 F '62.
Graphical method of determining the viscosity of binary and ternary oil mixtures. L. S. Segal'. Khim. i tekh. topl. i masel 6 no. 12:50-53 D '61.
New consistent lubricant for conveyor bridges; "OM" lubricant VTU TSMZ-5 No. 01-60. S. A. Stepaniants, IU. L. Ishchuk. Nauch. zap. Ukrniiproekta no. 4:173-174 '61.
Performance characteristics of base oils obtained by various refining processes. N. G. Puchkov and others. Khim. i tekh. topl. i masel 7 no. 1:53-59 Ja '62.
Sand improves lubrication. A. Krasnov, S. Beronson. Tekh. mol. 29 no. 12:17 '61.
Study of the effectiveness of lubricating flexible hydrodynamic bearing discs. A. V. Kol'chenko, A. A. Silin. Nauch. zap. Ukrniiproekta no. 4:3-10 '61.
Sulfuric-acid refining of distillates of motor oil-10 separating acid oil from tar in an electrical field. Ch. M. Dzhuvarly and others. Azerb. neft. khoz. 40 no. 9: 36-38 S '61.
Viscosity of lubricants and the effect of temperature on it. B. S. Veinberg. Khol. tekh. 38 no. 4:58-60 Jl-Ag '61.

LUBRICATION AND LUBRICANTS—ADDITIVES
Investigating the stability and reactivity of chlorophosphinic acid derivatives used as antiseizing additives to lubricants. I. E. Vinogradova, E. A. Alekseeva. Zhur. prikl. khim. 36 no. 1:176-182 Ja '621.
Production of clear sulfonate additives. S. E. Krein. Khim. i tekh. topl. i masel 7 no. 2:19-24 F '62.
Reducing the corrosive action of antiseaze compounds without altering their effectiveness. IU. S. Zaslavskii and others. Khim. i tekh. topl. i masel 6 no. 12:39-43 D '61.

LUFFA
Anatomy of the fruit of Luffa cylindrica (L.) Roem. B. T. Matienko. Bot. zhur. 46 no. 8:1161-1165 Ag '61.

LUGA DISTRICT—MEDICAL GEOGRAPHY
Some materials on the medico-geographical features of Luga District, Leningrad Province. I. M. Rachkov Geog. sbor. no 14.73-85 '61.

LUGANSK PROVINCE—COAL MINES AND MINING
Coal and technological progress; our interviews. M. Gubanov and others. Sov. shakht. 11 no. 2:21-23 F '62.

LUGANSK PROVINCE—EDUCATIONAL RESEARCH
Research topics for students in teachers colleges. V. L. Zaitsev. Rad. shk. 40 no. 1.75-77 Ja '62.

LUGANSK PROVINCE—INDUSTRIES
The regional economic council struggles to overcome the lagging in industrial plants. A. Kuz'mich. Ekon Sov. Ukr. no. 4:82-89 Jl-Ag '60.

LUKASHEVKA (MOLDAVIA)—ANTIQUITIES
Archaeological excavations at the 12th-15th century ancient site of Lukashevka No. 5. I. G. Khynku. Krat soob. Inst. arkheol. no. 86:86-91 '61.

LUKOYANOV DISTRICT—HISTORY
Introduction of charters of regulation in Lukoyanov District, Nizhegorod Government. I. V. Orzhekhovskii. Nauch. dokl. vys. shkoly; ist. nauki no. 2:73-83 '61.

LUMBER
Efficient lengthwise cutoff of boards. G. V. Kudriavin. Der. prom. 11 no. 1:16 Ja '62.

LUMBER—DRYING
(see also subdivision under Latvia)
Automatic durable feeder for pile sorting. M. G. Dranovskii, IU. G. Gorodetskii, A. IA. Pivovarov. Der. prom 11 no 2.10-11 F '62.
Efficient systems of lumber drying in high-temperature kilns (to be continued). P. S. Sergovskii. Der. prom. 11 no. 1:4-6 Ja '62.
Efficient systems of lumber drying in high temperature kilns (conclusion). P. S. Sergovskii. Der. prom. 11 no. 2:3-6 F '62.
Redesigning of the jet reversible kiln. V. F. Savchenko. Der prom 11 no. 1:17-18 Ja '62.

LUMBER—LAW AND LEGISLATION
TSvetkov, B. N. [Legal regulation of lumbering operations] Pravovoe regulirovanie lesozagotovitel'nykh rabot. Izd. 2., porer. [Leningrad] Lenizdat, 1961. 110 p.
(DA)

LUMBER—TRANSPORTATION
(see also subdivision under Komi A. S. S. R.)
Arykin, I. G., M. P. Lebedev, and V. E. IUzyuk. [Organization and carrying out of irrigation and construction work on rivers used for lumber floating] Organizatsiia i proizvodstvo meliorativno-stroitel'nykh rabot na splavnykh putiakh. Moskva, Goslesbumizdat, 1961. 95 p.

LUMBERING
Answering the critics of the concept of the productive capacity of logging enterprises. T. S. Lobovikov. Les. khoz. 14 no. 12:46-48 D '61.
Borodin, M. M., and L. D. Chulitskii. [Establishing norms in forestry] Normirovanie truda v lesnom khoziaistve. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 286 p.
Calculating method for the productive capacity of logging enterprises. M. I. Saltykov. Les. khoz. 14 no. 12: 49-51 D '61.
Discussing the article of A. G. Zheludkov and I. S. Sidnev. Les. khoz. 14 no. 12:45 D '61.
Makarov, G. E., and V. G. Areshchenko. [Organization of work in forest enterprises] Organizatsiia truda na predpriiatiiakh lesnogo khoziaistva. Minsk, Gos. izd-vo sel'khoz. lit-ry BSSR, 1961. 105 p.
On the wages for logging truck drivers. Biul. Gos. kom. po vop. truda i zar. platy no. 11:11 '61.

LUMBERING—MACHINERY
Throwing-down devices for automatic sizing of logs on longitudinal conveyers. D. S. Gorshkov, V. S. Saplin, T. A. Turovskii. Mekh. i avtom. proizv. 16 no. 1:49-51 Ja '62.

LUMBERING—RESEARCH
Sverdlovsk. Sverdlovskii nauchno-issledovatel'skii institut lesnoi promyshlennosti. [Transactions of the Sverdlovsk Scientific Research Institute for the Lumbering Industry] Trudy [n. p.] TSentr. nauchno-issl. in-t mekhanizatsii i energetiki lesnoi promyshl., 1960. 56 p.
[MICROFILM]

LUMINESCENCE
Golland, M. I. [Equipment for luminescence analysis] Apparatura dlia luminestsentnogo analiza. Moskva, Gos. energ. izd-vo, 1961. 127 p.
Luminescence of sea ice. V. N. Kupetskii. Probl. Arkt. i Antarkt. no. 9:105-106 '61.
Nature of the relationship between chemiluminescence and oxidation by molecular oxygen R. F. Vasil'ev, A. A. Vichutinskii. Dokl. AN SSSR 142 no. 3:615-618 Ja '62.

LUMINOUS PAINT
Hygienic requirements in work with continuously radioactive luminous paint M. A. Khvoinitskaia, V. P. Pugachevskii. Vrach. delo no. 12:126-129 D '61.

LUMUMBA, PATRICE, 1925-1961
Fiery spirit of Lumumba. Ogonek 40 no. 4-5 Ja '62.

LUNGS—CANCER
Clinical X-ray aspects of the evolution of peripheral lung cancer [with summary in English] E. M. Volin Sov. med. 25 no. 10:72-81 O '61.
Immediate and late results of surgical treatment of lung cancer. I. A. Maksimov. Vest. khir. no. 7.19-24 '61
Optical bronchoscopy in the diagnosis of lung cancer [with summary in English]. G. K. Ordzhonikidze. Vest. khir. no. 1:11-17 '62.
Peripheral bronchogenic cancer of the lung with Pancoast's syndrome. N. A. Ivanova, M. G. Revzis. Sov. med. 25 no. 8:127-129 Ag '61.
Role of angiopneumography in the diagnosis and determination of the operability of lung cancer [with summary in English]. A. Kh. Trakhtenberg Vest khir. no. 1: 17-24 '62.
Some reasons for erroneous diagnosis of lung cancer [with summary in English]. A. T. Khazanov. Sov. med. 25 no. 10:66-72 O '61.
X-ray diagnosis of cancerous pleurisy [with summary in English]. N. P. Negovskii, K. E. Tavonius, M. G. Vinner. Sov. med. 25 no. 9:9-15 Ag '61.

LUNGS—COLLAPSE
Atelectatic states of the lungs after intrathoracic surgery. V. I. Filin. Vest. khir. no. 5:52-58 '61.

LUNGS—DISEASES
Alloplasty of the diaphragm and a defect in the chest cavity. V. I. Karpukhin. Vest. khir. no. 6:103-109 '61.
"Chronic nonspecific diseases of the lungs in children and their climatic treatment" by E. N. Tret'iakova and N. V. Kobysheva. Reviewed by V. Dubilet. Pediatriia 40 no. 12:56-58 D '61
Clinical radiographic characteristics of inflammatory suppurative processes in a cystic lung. M. M. Zagorodskaia, M. A. Pavlovskaia. Vrach. delo no. 6:146-149 Je '61.
Differential diagnosis of pleuropneumosclerosis of tuberculous and other etiology. D. D. Aseev and others. Probl. tub. no. 5:11-20 '61.
Enzymatic treatment of lung diseases. D. M. Zlydnikov. Terap. arkh. no. 6:3-10 '61.
Macroroentgenography (enlarged photographs) in the diagnosis of anthracosilicosis. M. V. Kravets. Vest. rent. i rad. 36 no. 5.62 S-O '61.

LUNGS—DUST DISEASES
Anatomical basis of the X-ray picture in iron ore pneumoconiosis. N. Z. Slinchenko, L. B. Naumov, N. V Petrova. Vest. rent. i rad. 36 no. 5:57-60 S-O '61.
Case of pneumoconiosis caused by the inspiration of cosmetic powder. N. I Magalif, V. P. Veinberg. Sov. med. 25 no. 7:152-154 Jl '61.
Clinical X-ray observations on the course of pneumoconiosis in workers removed from a dusty environment [with summary in English]. A. V. Grinberg, T. V. Orlova. Vest. rent. i rad. 36 no. 5:16-21 S-O '61.
Clinical X-ray picture in lithopone pneumoconiosis. T. G. Mgeladze, A. G. Narsiia. Vest. rent. i rad. 36 no. 5: 60-61 S-O '61.
Differential diagnostic significance of electrophoretic study of blood serum proteins in siderosilicosis, complicated by tuberculosis. A. P. Karapata, L. I. Slutskii. Probl. tub. no. 5:81-86 '61.
Method for direct enlargement of fluorograms in the X-ray diagnosis of pneumoconioses. IA. I. Lipskii, M. G. Strebkov. Vest. rent. i rad. 36 no. 5:61-62 S-O '61.
Method for tomography in silicosis [with summary in English]. T. N. Kalitseva kaia. Vest. rent. i rad. 36 no. 5:28-30 S-O '61.
Possibilities of tomographic examination in the differential diagnosis of pneumoconiosis and conio-tuberculosis [with summary in English]. T. G. Ostinskii, A. G. Shumakov, O. B. Brodskii. Vest. rent. i rad. 36 no. 5:30-33 S-O '61.
Tomographic examination of the thoracic cage in silicosis [with summary in English]. V. N. Palkin. Vest. rent. i rad. 36 no. 5:36-40 S-O '61.
X-ray study of the external respiratory function in silicosis with the aid of tomography [with summary in English]. V. S Mamont. Vest. rent. i rad. 36 no. 5:33-36 S-O '61.

LUNGS—RADIOGRAPHY
Integral absorption dose in the gonad region during X-ray examinations of the stomach and lungs [with summary in English]. B. M. Aliev. Med. rad. no. 1: 53-62 '62.
Study of the heart and lungs in those who work under compressed air conditions by means of functional X-ray diagnosis [with summary in English]. B. M. Shtern, V. I. Koledinov. Vest. rent. i rad. 36 no. 5:22-26 S-O '61.
X-ray changes in the lungs under the influence of soot [with summary in English]. A. I. Kareva, R. M. Kallo. Vest. rent. i rad. 36 no. 5:40-42 S-O '61.

LUNGS—SURGERY
(see also subdivision under Leningrad)

Basic liver function tests in cavernous tuberculosis before and after resection of the lungs L. A. Mel'nik. Vest. khir. no. 5,42-46 '61.

Exercise therapy in operations on the lungs A. A. Khrustalev. Vop. kur. fizioter. i lech. fiz. kul't. 26 no. 6:544-547 N-D '61

External respiration in patients with tuberculosis who have received exercise therapy before and after a resection of the lungs I. S. Kolesnikova. Vest. khir. no. 5:59-65 '61.

Lung resection in combination with thoracoplasty. V. IU. Kraulis. Zdrav. Tadzh. 8 no. 6:28-30 N-D '61

Pneumonectomy in multiple metastases of osteogenic sarcoma from the shoulder to the lung. A. A. Fokin. Vop. onk. 7 no. 12:68-70 '61

Results of 100 resections of the lungs. IU. D. IAtsozhinskii and others. Zdrav. Tadzh. 8 no. 6:10-13 N-D '61.

Single-stage double-sided partial resection of the lungs in tuberculosis. IU. D. IAtsozhinskii, IA. E. Kimiagarov, M. K. Muradov. Zdrav. Tadzh. 8 no. 6, 31-33 N-D '61

Surgical treatment of congenital lobar emphysema of the lung. F. Kh. Kutushev. Vest. khir. no. 5:64-67 '61.

Surgical treatment of pulmonary hemorrhage. IU. D. IAtsozhinskii, IA. E. Kimiagarov. Zdrav. Tadzh. 8 no. 6, 14-16 N-D '61.

Use of extrapleural pneumo- and oleothorax according to broadened indices. IA. E. Kimiagarov. Zdrav. Tadzh. 8 no. 6:17-21 N-D '61

Use of porolon plombage in partial resections of the lungs in tuberculosis. A. G. Gubanov and others. Vest. khir. no. 5, 46-51 '61

LUNGS—TUBERCULOSIS

Late results following lobectomy in pulmonary tuberculosis [with summary in English]. B. S. Kibrik. Sov. med. 25 no. 8:15-20 Ag '61

LUNGS—TUMORS

Cancer of the bronchus developing in a polycystic lung. I. P. Solov'eva, A. IA. Nezhlukto. Vest. khir. no. 7 116-118 '61

Pneumonectomy in multiple metastases of osteogenic sarcoma from the shoulder to the lung. A. A. Fokin. Vop. onk. 7 no. 12 68-70 '61.

LUPUS ERYTHEMATOSUS

Chronic form of systemic lupus erythematosus and erythema centrifugum [with summary in English]. I. I. Lelis. Vest. derm. i ven. no. 1 13-18 '62.

Comparative data on and late results of treating lupus erythematosus with resochin, aminoquinol and other substances. I. N. Dmitrieva, U. K. Belukha. Vest. derm. i ven. no. 1:23-30 '62.

Dispensary treatment of patients with lupus erythematosus in Khar'kov Province. B. Z. Bron. Vest. derm. i ven. no. 1:57-59 '62.

Lupus erythematosus and pregnancy. I. I. Lelio. Akush. i gin. no. 5:115-117 '61

Morphological and histochemical studies of the skin in lupus erythematosus. E. M. Rakhmalevich and others. Vest. derm. i ven. no. 1 18-23 '62.

Systematic lupus erythematosus [with summary in English]. L. N. Lubashevskaia, IU. V. Vinogradov. Sov. med. 25 no. 8:77-83 Je '61.

Treatment of lupus erythematosus [with summary in English]. I. A. Lipskii. Sov. med. 25 no. 6:83-87 Je '61.

LVOV—LANDING AIDS (AERONAUTICS)

Skillful specialists at the Lvov Airport. A. Sein. Grazhd. av. 18 no. 12:10 D '61.

LVOV—SWIMMING POOLS—HYGIENIC ASPECTS

Sanitary and hygienic evaluation of "Dynamo" Swimming Pool in Lvov. G. A. Kiselevich. Vrach. delo no. 12: 149-150 D '61

LVOV—THEATER

Contemporary on the stage. Mykhailo Rudnyts'kyi. Mystetstvo 8 no. 6:16-17 N-D '61.

LVOV PROVINCE—PLANT BREEDING—RESEARCH

Contribution of Lvov plant breeders. K. V. Malusha. Vest. sel'khoz. nauki 6 no. 11:130-131 N '61

LVOV-VOLYN' BASIN—COKE

Experimental and industrial preparation and coking of coals of the Lvov-Volyn Basin. IU. B. Tiutiunnikov and others. Koks i khim. no. 11:5-8 '61.

LYMPH

Case of lymphostasis in hemophilia. A. IA. Aripov, A. IA. Kravchuk. Zdrav. Tadzh. 8 no. 5, 28-30 S-O '61.

Reflex effects from the chemoreceptors of the excretory system on the lymph circulation [with summary in English]. M. I. Kokhanina. Biul. eksp. biol. i med. 52 no. 8:18-21 Ag '61.

LYMPHATICS

Age-related changes in the intraorganic lymphatic system of the stomach in white rats [with summary in English]. L. I. Rassokhina-Volkova. Arkh. anat. gist. i embr. 41 no. 9:50-59 S '61.

Anatomy of the intraorganic lymphatic and blood systems of the wall of the human gall bladder [with summary in English]. V. IA. Bocharov. Arkh. anat. gist. i embr. 41 no. 9 3-15 S '61

Anatomy of intraorganic lymphatic and blood vessels of the human prostate [with summary in English]. A. I. Ivanov. Arkh. anat. gist. i embr. 41 no. 9 30-42 S '61

Change in the lymphatic system of the tunica albuginea testis in rabbits under conditions of venous stasis [with summary in English]. V. G. Ostroverkhova. Arkh. anat. gist. i embr. 41 no. 9 43-49 S '61

Condition of the lymphatic system of the human mammary gland in diseases of the breast including cancer [with summary in English]. L. I. Gordeeva. Arkh. anat. gist. i embr. 41 no. 9, 67-75 S '61.

Dependence of the results in injection of the lymphatic vessels on the postmortem condition of the vascular system [with summary in English]. L. S. Bespalova. Arkh. anat. gist. i embr. 41 no. 9 88-92 S '61.

Dynamics of changes in the lymphatic vessels of the liver in dogs and white rats following experimental inflammation of the liver [with summary in English]. A. V. Kraev. Arkh. anat. gist. i embr. 41 no. 9:16-20 S '61

Lymphatic capillaries and vessels in the wall of the inferior vena cava in man [with summary in English]. M. R. Sapin. Arkh. anat. gist. i embr. 41 no. 9 82-87 S '61.

Lymphatic system of the fascia of the upper extremities [with summary in English]. E. B. Safiannikova. Arkh. anat. gist. i embr. 41 no. 9, 93-102 S '61.

Lymphatic system of the human endocardium [with summary in English]. E. A. Dobrovolskaia-Zaitseva. Arkh. anat. gist. i embr. 41 no. 9 76-81 S '61.

Lymphatic system of the human thymus gland [with summary in English]. E. A. Vorob'eva. Arkh. anat. gist. i embr. 41 no. 9:60-66 S '61.

Topography of the submaxillary salivary glands and the regional lymph nodes. D. G. Doviner. Stomatologiia 39 no. 6:31-33 N-D '60.

LYMPHATICS—DISEASES

Agammaglobulinemia in a woman with chronic limphadenosis. V. A. Almazov, S. V. Kanaev. Probl. gemat. i perel. krovi no. 11:58-60 '61.

Case of lymphadenosis complicated by reticulo- and fibrosarcoma. E. V. Uranova, S. S. Khodash. Probl. gemat. i perel. krovi no. 2:14-47 '62.

Changes in the peripheral lymph system in experimental allergic arthritis and the effect of Matseata balneologic procedures and such changes, X-ray experimental study. D. P. Lutai, N. M. Shikhova, A. A. Rekkandt. Vop. kur., fizioter. i lech. fiz. kul't. 24 no. 6:492-498 N-D '59

LYMPHATICS—RADIOGRAPHY

Distribution of Au^{198} in the pelvic lymph nodes and the morphological changes in them during treatment of cancer of the cervix uteri [with summary in English]. O. M. Nosalevich. Med. rad. no. 1 35-40 '62.

LYUBAN' DISTRICT—RURAL CONDITIONS

On the Oressa. Belarus' 19 no. 1:2-3 Ja '62.

MACARONI

New equipment for the macaroni industry at the 38th Fair in Milan. E. S. Poliakov. Khleb. i kond. prom. 5 no. 12 39-41 D '61.

MACEDONIA—CHURCH HISTORY

Problems in the history of charters of immunity of Macedonian monasteries in the 13th century. K. V. Khvostova. Viz. vrem. 19:38-59 '61.

MACHINE ACCOUNTING

Let's use the possibilities of mechanized accounting to a greater extent. L. Olenev. Vnesh. torg. 42 no. 1:36-39 '62.

Volkov, S. I. [Accounting for the receipt and storage of materials] Uchet postypleniia i khraneniia materialov. Moskva, Gosfinizdat, 1961. 94 p. (Bibliotechka bukhgaltera)

MACHINE-SHOP PRACTICE

Device for pressing out swivel pins. V. Zinov'ev. Avt. transp. 40 no. 1:52 Ja '62.

Egorov, M. P., and I. S. Kheifets. [Organizing the working area of a machine-tool operator] Stanochchining ish urnini tashkil etish. Toshkent, Uzbekiston SSR davlat nashriëti, 1961. 69 p. [In Uzbek]

Krupitskii, E. I. [Handbook for machine shop mechanics] Posobie po slesarnomu delu. Minsk, Izd-vo M-va vysshego, srednego spetsial'nogo i professional'nogo obrazovaniia BSSR, 1961. 236 p.

Modzelevskii, A. A. [Improving technological processes for assembling fixed joints] Usovershenstvovanie tekhnologii sborki nepodvizhnykh soedinenii. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 68 p. (Biblioteka slesaria-sborshchika, no. 6)

MACHINE SHOPS—EQUIPMENT AND SUPPLIES

Efficient use of equipment materials. M. A. Chashchin. Traki i sel'khozmash. 31 no. 12:37-39 D '61.

MACHINE-TOOL INDUSTRY see subdivision under Kiev

MACHINE TOOLS

Automatic machine for triple pressing of springs. A. A. Belik. Avt. prom. 27 no. 12:42 D '61.

Basic factors affecting the regularity of displacements of machine-tool beds and carriages at combined friction. V. A. Kudinov, N. M. Lisitsyn. Stan. i instr. 33 no. 2: 1-5 F '62.

Dobrolubov, A. I. [Improving the performance of hydraulic electric control devices of machine tools; detection and elimination of defects] Metody povysheniia eksploatatsionnykh kachestv gidroelektroavtomatiki stankov; nakhozhdenie i ustranenie neispravnostei. Minsk, Gos. izd-vo BSSR, Red. nauchno-tekhn. lit-ry, 1961. 156 p.

For the effective utilization of automatic machine tools. M. Lych, V. Chyrkov. Ekon. Rad. Ukr. no. 6 58-63 N-D '61.

Introduce rotary production lines more efficiently. V. S. Zamalin. Mekh. i avtom. proizv. 16 no. 1:21-22 Ja '62.

Rotating machine tools for metal cutting and their use in automatic production lines. M. M. Broitman, A. P. Chekhovskii. Mekh. i avtom. proizv. 16 no. 1:8-13 Ja '62

MACHINE TOOLS—ATTACHMENTS

Kuznetsov, IU. I. [Machine-tool attachments with high-speed manual clamps] Stanochnye prisposobleniia s bystrodeistvuiushchimi ruchnymi zazhimami. Moskva, Mashgiz, 1961. 47 p.

"Modern machine-tool attachments" by M. M. Abakumov. Reviewed by V. V. Kuz'min. Stan. i instr. 33 no. 2:45 F '62.

MACHINE TOOLS—ELECTRIC DRIVING

Method for checking the efficiency of electric power utilization by means of asynchronous motors of machine tools. V. A. Fokin. Prom. energ. 15 no. 8 3-4 Ag '60

MACHINE TOOLS—NUMERICAL CONTROL

Kucher, L. M. [Numerically controlled machine tools] Stanki s tsifrovym programmnym upravleniem. [Leningrad] Lenizdat, 1961. 159 p.

MACHINE-TRACTOR STATIONS see subdivision under Ukraine

MACHINERY

Kožešnik, Jaroslav. [Dynamics of machinery; selected works. Translated from the Czech] Dinamika mashin; izbrannye stat'i. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 423 p.

MACHINERY—BIBLIOGRAPHY see Bibliography—Machinery

MACHINERY—CONSTRUCTION

[Machinery manufacture] Ref. zhur.: Mashinostr. 1 Ja '62.

Zemliakov, I. P. [Machine parts made of capron] Kapron - material dlia detalei mashiny. Moskva, Mashgiz, 1961. 97 p.

MACHINERY—DESIGN

Bogoliubov, S. K. [Exercises in the design of machine parts] Zadaniia po detalirovaniiu. Moskva, Mashgiz, 1961. 62 p.

MACHINERY—MAINTENANCE AND REPAIR

Analyzing the reliability of machines during their entire course of life. V. N. Troier. Dokl. AN BSSR 5 no. 11:497-499 N '61.

MACHINERY, KINEMATICS OF

Kozhevnikov, S. N. [Dynamics of machinery with flexible members] Dinamika mashin s uprugimi zven'iami. Kiev, Izd-vo Akad. nauk USSR, 1961. 159 p.

MACHINERY INDUSTRY
(see also subdivision under Leningrad; Pyatigorsk; Shanghai; Ukraine; Uzbekistan)

Alkhazov, G. G. [Piston air compressor stations in machinery plants] Vozdushnye porshnevye kompressornye stantsii mashinostroitel'nykh zavodov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 110 p.

At the State Committee on Automation and Machinery Manufacture attached to the Council of Ministers of the U. S. S. R. Mekh. i avtom. proizv. 16 no. 1:55 Ja '62.

"Economic effectiveness of over-all mechanization and automation in machinery manufacturing" by K. I. Klimenko, A. I. Katsenelinbolgen. Reviewed by E. Liberman, V. Naidenov. Vop. ekon. no. 1:132-134 Ja '62.

"Fundamentals of technical preparation of production processes in the machinery industry" by V. B. Gokun. Reviewed by V. V. Kuz'min. Vest. mash. 42 no. 1:88-89 Ja '62.

Improve the indices of the national economic plan. A. Taranovskii. Nar. khoz. Uzb. 3 no. 8:42-45 Ag '61.

Iufa, E. P. [Cutting tool department of machinery plant] Instrumental'noe khoziaistvo mashinostroitel'nogo zavoda. Moskva, Gos. nauchno-tekhnicheskoe izd-vo mashinostroit. lit-ry, 1961. 117 p. (Bibliotechka po zavodskoi ekonomike)

MACHINERY INDUSTRY (Continued)

Larin, B. N. [Saving of metal in the machinery industry] Mashinasozlikda metallni tezkash. Tashkent, Uzbekiston SSSR davlat nashriett, 1961. 10 p. [In Uzbek]

Machinery manufacturing in the U. S. S. R. in 1917 - 1920. M. M. Makeenko. Uch. zap. Klsh. un. 53:47-104 '61.

Malyi, D. D. [Means for checking dimensions in the manufacture of machinery] Sredstva kontrolia razmerov v mashinostroenii. Moskva, TSentr. biuro tekhn informatsii, 1959. 58 p (Dostizhenila nauki i tekhniki) [MICROFILM]

Organizational principles of the automation of production management in a machinery plant. L I Andronov. Vest. mash. 42 no. 1:75-82 Ja '62.

Profsoiuz rabochikh mashinostroenila SSSR. [Norms on electrical lighting for machinery manufacturing and shipbuilding enterprises] Normy iskusstvennogo osveshchenila dlia predpriiatii mashinostroenila i sudostroenila. Utverzhdeny postanovleniem Prezidiuma TsK profsoiuza rabochikh machinostroenila 22 iiunia 1960 g. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 67 p.

Tasks of heavy machinery manufacture during the period of the creation of the material and technical foundation of communism. K. Vinogradov. Vop. ekon. no. 1:30-38 Ja '62.

MACHINERY INDUSTRY—EQUIPMENT AND SUPPLIES

Reorganization of the steam condenser sections of machinery plants. P. S. Kolobkov Prom. energ. 16 no. 6:26-29 Je '61.

MACHINERY INDUSTRY—FINANCE see subdivision under Gorkiy Province; Rostov Province

MACHINERY INDUSTRY—LABOR PRODUCTIVITY

Determining the effect of mechanization and automation on the growth of labor productivity in machinery manufacturing. N. Basov. Biul. nauch. inform. trud i zar. plata 4 no. 9:3-7 '61.

MACHINERY INDUSTRY—PRODUCTION STANDARDS

Developing industry-wide time norms for the machining of machine parts. L. Bortsov, N. Ermachenkov, V. Nikolaev. Biul. nauch. inform. trud i zar. plata 4 no. 9:8-10 '61.

MACHINERY INDUSTRY—STANDARDS

First standards for the machinery industry. Standartizatsiia 26 no 1:22-23 Ja '62.

M. A. Saverin- the initiator of standardization in the machinery industry. E. P. Nadeinskaia. Standartizatsiia 26 no. 1:14-15 Ja '62.

Standards for the machinery industry. Standartizatsiia 26 no 1:04 Ja '62.

MACHINERY INDUSTRY—TECHNOLOGICAL INNOVATIONS
(see also subdivision under Leningrad)

For a high quality of production. A. IAroslavtsev. Mashinostroitel' no. 1:44 Ja '62.

Innovator Leonid Chernodub. V. Krivets. Mashinostroitel' no. 1 10 Ja '62.

Naumov, IU. L. [Mechanization and automation of labor consuming processes in the manufacture of machinery] Mashinasozlikda ish protsesslarini mekhanizatsiialash-tirish va avtomatlashtirish. Toshkent, "Kizil Uzbekiston," "Pravda Vostoka" va "Uzbekistoni Surkh" birlashgan nashriöti, 1961. 45 p. [In Uzbek]

MACHINERY INDUSTRY WORKERS—MEDICAL CARE see subdivision under Odessa

MACROMOLECULAR COMPOUNDS

Use of high molecular compounds in the flotation of sulfide minerals. S. I. Gorlovskii. Obog. rud. 6 no. 6: 18-23 '61.

MACROMOLECULAR COMPOUNDS—MAGNETIC PROPERTIES

Possibility of various interpretations of anomalous magnetic properties of macromolecular compounds [with summary in English]. L. A. Blumenfel'd, V. A. Benderskii, A. E. Kalmanson. Biofizika 6 no. 6:631-637 '61.

MACROMOLECULAR COMPOUNDS—SPECTRA

Infrared spectroscopy in the study of oxidation processes of macromolecular compounds. B. V. Stollarov. Zhur. prikl. khim. 34 no. 12:2726-2733 D '61.

MAGADAN PROVINCE—ECONOMIC POLICY

Akademiia nauk SSSR. Sovet po izucheniiu proizvoditel'nykh sil. [Problems in developing the productive forces of Magadan Province] Problemy razvitiia proizvoditel'nykh sil Magadanskoi oblasti. Moskva, Izd-vo Akad. nauk SSSR, 1961. 301 p.

MAGADAN PROVINCE—INDUSTRIES

Akademiia nauk SSSR. Sovet po izucheniiu proizvoditel'nykh sil. [Problems in developing the productive forces of Magadan Province] Problemy razvitiia proizvoditel'nykh sil Magadanskoi oblasti. Moskva, Izd-vo Akad. nauk SSSR, 1961. 301 p.

MAGADAN PROVINCE—NATURAL RESOURCES

Conservation is a national concern. M. N. Gradov. Kraeved. zap. Mag. obl. kraeved. muz. no. 3:126-132 '60.

MAGADAN PROVINCE—SABLES

Reacclimatization of sables in Magadan Province. N. I. Kondaurov. Kraeved. zap. Mag. obl. kraeved. muz. no 3:118-124 '60

MAGNESITE

Production of sulfite acid from caustic magnesite. V. N. Cherepanov. Bum prom. 37 no 1:7-8 Ja '62

MAGNESIUM

New method of removing chlorine from gases in the production of magnesium I. L. Reznikov, IU V Solov'ev, G. S Dolzhenkov Khim. prom no. 11 816-818 N '61.

MAGNESIUM—ANALYSIS

Determination of magnesium in soils with aluminum. G. P. Fedorova, L. S. Sorditik. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 4:686-687 '61.

MAGNESIUM ALLOYS—FOUNDING

Application of crystallization under pressure in the casting of magnesium alloys A. V. Kurdiumov, I. A. Shestyrev. Izv vys ucheb. zav., tsvet met 4 no. 3 125-128 '61.

MAGNESIUM SULFITE

Cooking spruce pulp with magnesium bisulfite at the increased temperature. A. I Bobrov, A. D. Turbanova Bum. prom 36 no. 10 4-5 O '61.

MAGNETIC AMPLIFIERS

Performance of a magnetic amplifier with a counter e. m. f. load [with summary in English]. M. A. Bolarchenkov, M. A. Rozenblat. Avtom. i telem. 23 no. 1: 77-90 Ja '62.

MAGNETIC ANOMALIES

Function $S(a,h) = \frac{Z(a,h)}{rZ(a,h)/r}$ and its application to the interpretation of magnetic anomalies. I. M. Pudovkin, V. I. Kolesova Geomag. i aer. 1 no. 5:807-819 S-O '61.

Method of determining local magnetic anomalies of the last order ("elementary anomalies"). V. N Lugovenko Geomag i aer. 1 no 5 820-824 S-O '61

MAGNETIC CIRCUITS

Inductive impedances of a synchronous machine with an extraneously short-circuited magnetic circuit under steady-stage symmetrical operating conditions. V. I. Tumanov. Vest. elektroprom. 31 no. 10:7-10 O '60.

MAGNETIC FIELDS

Blokhintsova, T. D., and others. [Eight-liter hydrogen-deuterium bubble chamber in a magnetic field] Vos'militrovaia vodorodno-deiterievaia puzyr'kovaia kamera v magnitnom pole. Dubna, Ob"edinennyi in-t iadernykh issl., 1961. 20 p. [With summary in English]

Deionization of argon plasma in a magnetic field. V. S. Golubev. Radiotekh. i elektron. 7 no. 1:153-160 Ja '62.

Determining the sign of the local magnetic field on nuclei of gold dissolved in iron and nickel [with summary in English]. B. N. Samoilov, V. V. Skliarevskii, V. D. Gorobchenko. Zhur. eksp. i teor. fiz. 41 no. 6: 1783-1788 D '61

Effect of the mutual entrainment of electrons and phonons on the transverse electroconductivity in a high magnetic field [with summary in English]. L. E. Gurevich, A. L. Efros. Zhur. eksp. i teor. fiz. 41 no. 6:1078-1085 D '61.

Experimental study of the diffusion breakdown of a plasma in a magnetic field Part 2. V. E. Golant, A. P. Zhilinskii Zhur. tekh. fiz. 32 no. 1:127-129 Ja '62.

Heavy conducting liquid stabilized by a rapidly alternating magnetic field. T F. Volkov Zhur. tekh fiz. 32 no. 1 34-43 Ja '62.

Instability of a positive column in a short discharge tube within a longitudinal magnetic field. A. V. Timofeev. Zhur. tekh. fiz. 31 no. 12:1420-1425 D '61.

Movement of charged particles in a uniform magnetic field whose intensity is a linear function of time. V. A. Ankudinov and others. Zhur. tekh. fiz. 32 no. 1:22-26 Ja '62.

Some cases of the flow of a conducting fluid in tubes of rectangular cross section placed in a magnetic field. G. A. Grinberg. Prikl. mat. i mekh. 25 no. 1:80-87 Ja-F '62.

Some methods for obtaining fields with focusing properties. IA. L. Geronimus. Zhur. tekh. fiz. 32 no. 1: 3-14 Ja '62.

Some problems concerning nonsteady-state flow of a conducting fluid in tubes of constant cross section in a transverse magnetic field. IA. S. Ufland. Zhur. tekh. fiz. 31 no. 12:1409-1418 D '61.

Superconducting solenoids containing Nb_3Sn for strong magnetic fields [with summary in English]. N. E. Alekseevskii, N. N. Mikhailov. Zhur. eksp. i teor. fiz. 41 no. 6:1809-1810 D '61.

Theory of the stability of a plane layer of a gravitating fluid of exponentially decreasing density in the presence of a magnetic field. V. A. Vardanian, R. S. Oganesian. Prikl. mat. i mekh. 26 no. 1:104-109 Ja-F '62.

Use of the principle of automatic correction of a magnetic field in cyclic accelerators designed to produce ultra-high energies. E. L. Burshtein and others. Atom. energ. 12 no. 2:111-115 F '62.

Vialov, G. N. [Two-dimensional problem of a magnetic field formed in the gap of a symmetric magnet] Ploskaia zadacha formirovaniia magnitnogo polia v zazore simmetrichnogo magnita. Dubna, Ob"edinennyi in-t iadernykh issl., 1961 14 p. [With summary in English]

MAGNETIC INSTRUMENTS

Magnetic meter for measuring the consumption of fluids with high and low electric conductivity [from "Control Engineering", no. 12, 1960]. IA. E Vol'fkovich. Prom energ. 16 no. 7:50-51 Jl '61.

MAGNETIC MEMORY (CALCULATING MACHINES)

Transfluxors. R. S. Razykov. Izv. AN Uz. SSR Ser. tekh. nauk no 4 15-23 '61

Wiring geometry of ferrite matrices. V. I. Schel'man. Probl. kib. no. 6:69-82 '61.

MAGNETIC RECORDERS AND RECORDING

Magnetic tape recorder, the magician of sounds. I. Volkov-Lamit. [Un tekh 5 no. 7:41-45 Jl '61.

Our consultations. Radio no. 1:62-63 Ja '62.

Our consultations. Radio no. 2:61-62 F '62.

MAGNETIC RECORDERS AND RECORDING—REPAIRING

Detection and elimination of faults in magnetic tape recorders. IU. Pakhomov. Radio no 1-61-63 Ja '62.

MAGNETIC RESONANCE ACCELERATOR see Cyclotron

MAGNETIC SEPARATION OF ORES

Wet magnetic separation of magnetite quartzites. V. G. Derkach. Obog. rud 6 no. 4:21-24 '61.

MAGNETIC STORMS

Effects of magnetic storms on cosmic rays during the minimum of solar activity. L. I. Dorman, V. K Kotavn. Geomag. i aer 1 no. 5:830-841 S-O '61.

MAGNETISM, TERRESTRIAL
(see also subdivision under Antarctic regions, Arctic regions; Atlantic Ocean; Indian Ocean; Tiflis region)

Daily variations in the occurrence of blackouts according to the data of the International Geophysical Year. N. P. Bon'kova, L. A. Ildovich. Geomag. i aer. 1 no. 6 725 729 S-O '61.

Effect of magnetic variations on the reflection of radio waves by auroral ionization zones. V. I. Pogorelov. Geomag. i aer 1 no 5 887-891 S-O '61.

Ionospheric and geomagnetic effects of large chromospheric flares. G. M. Minasian. Geomag. i aer. 1 no 5 766-771 S-O '61.

Observations of the magnetic field from the American satellite "Explorer X." IU. D. Kalinin Geomag. i aer. 1 no. 5 944 S-O '61.

Solar and geophysical relationships during different types of atmospheric circulation. T. V. Pokrovskaia, N. L. Spitsyna. Trudy GGO no. 111:110-125 '61.

Space and time distribution of auroras and their relationship with high-latitude geomagnetic disturbances. O. V. Khoroshova. Geomag i aer. 1 no 5.695-701 S-O '61.

Why do poles travel. A. Tretiak. Znan. ta pratsia no. 1: 16-19 Ja '62.

MAGNETISM, TERRESTRIAL—OBSERVATIONS
(see also subdivision under Tikhaya Bay)

Some results of geomagnetic observations in the region of the South Magnetic Pole. P. A. Maisuradze. Geomag. i aer. 1 no. 5.772-780 S-O '61.

MAGNETISM, TERRESTRIAL—OBSERVATORIES

On the frontier of a new era. Sov. voin 43 no. 14:14-16 Jl '61.

MAGNETISM, TERRESTRIAL—SECULAR VARIATION

Secular geomagnetic variations, irregularities of the earth's rotation, and radiation zones of the earth. IU. D. Kalinin. Geomag. i aer. 1 no. 5:795-802 S-O '61.

MAGNETITES

Determining the age of magnetites by the helium method. I. E. Starik, and others. Biul. Kom. po opr. abs. vozr. geol. form. no. 4:151-159 '61.

MAGNETOCHEMISTRY

Magnetochemical study of glasses of the system $Na_2O - P_2O_5 - V_2O_5$. K. P. Avarov, V. V. Balandina, V. A. Liutfedarskii. Zhur. prikl. khim. 34 no. 11: 2560-2562 N '61.

MAGNETOHYDRODYNAMICS

Generation of magnetohydrodynamic waves in an anisotropic plasma. A. D. Patarala, D. G. Lominadze. Zhur tekh. fiz. 32 no. 1:44-47 Ja '62

Hydrodynamics of a nonisothermal plasma [with summary in English]. E. E. Lovetskii, A. A. Rukhadze. Zhur. eksp. i teor. fiz. 41 no. 6:1845-1849 D '61.

Resolution of an arbitrary discontinuity in magnetohydrodynamics. V. V. Gogosov. Prikl mat. i mekh. 25 no. 1:88-95 Ja-F '62.

Two-parameter motions in magnetogasdynamics (Gromeka and Chaplygin's transformations). V. S. Tkalich. Prikl. mat. i mekh. 26 no. 1:98-103 Ja-F '62.

MAGNETOHYDRODYNAMICS—CONGRESSES
Second Symposium on the Engineering Aspects of Magnetohydrodynamics. Atom. energ 12 no. 2:162-164 F '62.

MAGNETS
Vialov, G.N. [Two-dimensional problem of a magnetic field formed in the gap of a symmetric magnet] Ploskaia zadacha formirovaniia magnitnogo polia v zazore simmetrichnogo magnita. Dubna, Ob"edinennyi in-t iadernykh issl., 1961. 14 p. [With summary in English]

MAGNITOGORSK—COAL PREPARATION
Changing the system of coal preparation. A. V. Sol'var. Koks i khim. no. 9:17-20 '61.

MAGNITOGORSK—COAL PREPARATION PLANTS—EQUIPMENT AND SUPPLIES
From the experience on automation in a coal preparation plant. V. D. Gusev. Koks i khim. no. 9:21-24 '61.
Measures for improving the operation of flotation section. A. V. Sol'var, A. V. Medvedev, A. F. Sorokin. Koks i khim. no 9:24-27 '61

MAGNITOGORSK—COKE
Dividing the blended coal charge into two runs and its effect on the quality of coke. V. A. Prazdnikova. Koks i khimiia no. 9:9-12 '61.

MAGNITOGORSK—COKE INDUSTRY
Coke chemical engineers of Magnitka are striving for technical progress G. M. Dorogovid. Koks i khim. no. 8:3-6 '61.

MAGNITOGORSK—COKE INDUSTRY—BY-PRODUCTS
Effect of the addition of mazut on the quality of coking products. V. I. Krol', G. M. Dorogobid, V. A. Prazdnikova. Koks i khim. no. 9:12-16 '61.

MAGNITOGORSK—COKE INDUSTRY—EQUIPMENT AND SUPPLIES
Automation of the filling of charges into larry cars and its failing in a coal tower. F. A. Garan', G. Kh. Litvinenko. Koks i khim. no. 9:28-32 '61.
Complete automation in the coke shop of the Magnitogorsk Metallurgical Combine. O. N. Pankrat'ev, I. S. Bannikov. Koks i khim. no. 10:33-36 O '61.

MAGNITOGORSK—METALLURGICAL PLANTS
Giant at the foot of the Magnitnaya Gora. A. Khinkis. Metallurg 7 no. 1:3-7 Ja '62.
Renown in their own right. N Tereshko. Metallurg 7 no. 1 36 Ja '62.

MAHDI
"The Mahdi rebellion and the basis of British policy in the Sudan" by Jalal Yahya Reviewed by M. V. Maltukovskii. Krat soob. Inst. nar. Azii no. 45 197-199 '61.

MAIKOP—PLANT BREEDING—RESEARCH
Major work of the Maikop Experimental Station. D I. Tupitsyn. Vest. sel'khoz. nauki 6 no. 11:131-133 N '61.

MAKARENKO, ANTON SEMENOVICH, 1888-1939
Morozova, N. A. [A. S. Makarenko; a seminar on his works] A. S. Makarenko; seminarii. Izd. 2., perer. Leningrad, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 239 p.

MAKEYEVKA—CLERKS (RETAIL TRADE)
Run by the members of the Communist Youth League. A. Kozlov. Sov. torg. 35 no. 2:30-31 F '62.

MAKEYEVKA—COKE INDUSTRY
If we build, we shall see our achievements. Koks i khim. no. 10:58-59 O '61.

MAKHTUM-KULI, 1733-1782
Akademiia nauk Turkmenskoi SSR. Ashkhabad. Institut literatury imeni Makhtumkuli. [Statements made by prominent Russians on Turkmen literature and Makhtum-Kuli] Vyskazyvaniia peredovykh liudei Rossii o Turkmenskoi literature i Mikhtumkuli. Ashkhabad, Turkmengosizdat, 1960. 40 p. [In Turkmen and Russian]

MALARIA
(see also subdivision under Kiev)
Malaria and its treatment in children [with summary in English]. L. S. Aleksandrova. Med. zhur. Uzb. no. 8: 18-22 Ag '61.

MALARIA—PREVENTION see subdivision under Uzbekistan

MALARIOTHERAPY
Cases of malaria contracted in mental hospitals and the problem of malaria control. L. V. Gromashevskii, M. K. Gritsai, K. V. Prokopovich. Vrach. delo no. 6: 84-88 Je '61.

MALAYA—ETHNOLOGY
Peoples of the Federation of Malaya. M. G. Zhuravleva. Sov. etn. no. 6:92-109 N-D '61

MALI—DESCRIPTION AND TRAVEL
In the Mali Republic. P. Shmelkov. Kul't. i zhizn' 5 no. 8:42-43 '61.

MALIN—PAPER INDUSTRY
Workers of the Malin Paper Factor are accelerating technical progress V N. Nemanikhin. Bum. prom. 36 no. 9:19-22 S '61

MALONIC ACID
Synthesis of α-pyrimidylmethyl-α-formylaminomalonic esters. IU. P. Shvachkin, L. A. Syrtsova, V. L. Savel'ev. Vest. Mosk. un. Ser 2:Khim. 17 no 1:73-74 Ja-F '62.

MAL'TSEV, TERENTII SEMENOVICH, 1895-
Magician of the fields. L. Ivanov. Nauka i zhizn' 28 no. 10:34-39 O '61

MAMA VALLEY—PEGMATITES
Forms of relict formations in pegmatites of the Bol'shoye Severnoye deposit. I. N. Timofeev. Trudy IGEM no. 48: 55-60 '61.

MAMMALS see subdivision under Yamal-Nenets National Area

MAMMARY GLANDS—CANCER
Isolation of polyoma virus from mouse mammary gland cancer [with summary in English]. F. I. Leikina, Z. I. Merekalova. Vop. onk. 7 no. 12:8-13 '61.

MAMMARY GLANDS—TUMORS
Materials on the comparative pathology of mammary gland tumors. I. M. Vorontsov. Vop. onk. 7 no. 12: 84-95 '61.

MAN—INFLUENCE OF CLIMATE
Role of meteorological factors in the reactivity of a sick organism [with summary in English]. D. E. IAnkelevich. Sov. med. 25 no. 8:86-95 Ag '61.

MAN, PRIMITIVE
Protasenia, P. T. [Problems in communication and thought among primitive peoples] Problemy obshchenila i myshlenila pervobytnikh liudei. Minsk, Izd-vo M-va vysshego, srednego spetsial'nogo i professional'nogo obrazovaniia BSSR, 1961. 150 p.

MANAGEMENT, INDUSTRIAL see Industrial, Management

MANGANESE
Manganese content in the blood in Botkin's disease and mechanical jaundice I. S. Bondarev. Terap. arkh. no 6:47-50 '61.
Overvoltage for the evolution of hydrogen of manganese. I. V. Gamali, V. V. Stender. Zhur. prikl. khim. 35 no. 1: 127-132 Ja '62.

MANGANESE—ANALYSIS
Determination of iron, aluminum, and manganese in metallurgical slags by the use of trilon. V. A. Rod'ko, E. M. IAkimets. Zav. lab. 27 no. 12 1464-1465 '61.

MANGANESE—METALLURGY
New developments in the use of magnetic and electric separation in dressing low-grade manganese concentrates and ores. N. F. Ologinskii, V. V. Norkin. Nauch. soob. Inst. gor. dela 6 85-98 '60.

MANGANESE ORES
(see also subdivision under Chiatura region; Marganets, Kazakhstan; Nikopol' region, Dnepropetrovsk Province)
Flotation of manganese ores containing calcium minerals. O. P. Bondarenko. Obog. rud. 6 no. 5:15-18 '61.

MANN, VIOLET VIVIAN, 1914-
Literary prescriptions of Alex Stuart. A. Gorbunov. Vop. lit. 5 no. 8:137-138 Ag '61.

MANOMETER
Adsorption fillers for manometric thermal sensitive systems of heat control instruments. V. D. Sivachev, L. A. Anufrieva. Khol. tekh. 38 no. 3:44-45 My-Je '61.
Errors due to deformations of piston manometers at pressures up to 10,000 kg-wt/cm^2. M. K. Zhokhovskii, V. V. Bakhvalova. Izm. tekh. no. 12:23-26 D '61.
Metal bases of manometers. G. V. Savchenko. Izm. tekh. no. 12:63 D '61.
Three-way mercury dynamograph. M. A. Gusniev, G. G. Musalov, L. M. Kiriadidi. Fiziol. zhur. 47 no. 12:1505-1507 D '61.

MANPOWER—STATISTICS
Using the sampling method in collecting data on manpower in capitalist countries. A. Volkov. Biul. nauch. inform. trud i zar. plata 4 no. 9:69-74 '61.

MANTEGNA, ANDREA, 1431-1506
Znamerovskaia, T. P. [Andrea Mantegna; an artist of the quattrocento in North Italy] Andrea Mantin'ia; khudozhnik severoital'ianskogo kvatrochento. [Leningrad] Izd-vo Leningr. univ., 1961. 170 p.

MANTIDS see subdivision under Soviet Central Asia

MANUAL TRAINING
Construction work in the younger group. A. Karpets'ka. Doshk. vykh. 23 no. 2:27-28 F '62.
Manual training in orphanages. G. P. Liapin. Rad. shk. 40 no. 1:62-64 Ja '62.
Student chooses his vocation.... G. M. Chygn'ova. Rad. shk. 40 no. 1:30-31 Ja '62.

MANUSCRIPTS (PAPYRI)
The Egyptian hieratic papyrus No. 1116 (Nefert'i's prophesy) in the Hermitage. M. A. Korostovtsev. Krat. soob. Inst. nar. Azii no 44:45-58 '61.

MANUSCRIPTS, ARMENIAN
An Armenian manuscript written in Genua in 1325, and its silver cover of 1347. T. A. Izmailova. Viz. vrem. 20:243-248 '61.

MANUSCRIPTS, GREEK see subdivision under Leningrad

MANUSCRIPTS, GREEK—BIBLIOGRAPHY see Bibliography—Manuscripts, Greek

MANUSCRIPTS, OLD TURKISH
Authenticity of the "Babarnama" text based on the Kerovskii copy. G. F. Blagova. Krat. soob. Inst nar. Azii no. 44,98-105 '61.
On the publication of textual criticism and translation of the "Kutyadgu bilig." A. A. Valitova. Krat. soob. Inst. nar. Azii no 44 77-86 '61.

MANZHURA, IVAN IVANOVYCH, 1851-1893
From the manuscript heritage of I. Manzhura. M. D. Beinshtein, M. P. Vizyr. Rad. lit 5 no. 4:110-126 Jl-Ag '61

MANZU, GIACOMO, 1908-
Sculptures by Giacomo Manzu. M. Libman. Iskusstvo 24 no. 12:44-48 '61.

MAORIS
"New Zealand, 1769 - 1840; early years of western contact" [in English] by H. M. Wright. Reviewed by N. Butinov. Sov. etn. no. 5:205-208 S-O '61.

MAP PRINTING
From the pages of the journal "Der Polygraph." V. M. Varzugin. Geod. i kart. no. 11 66-69 N '61.
Photochemical engraving. N. F. Smozhenkov. Geod. i kart. no. 1:47-52 Ja '62.
"Plastics in cartography" by P. A. Ivan'kov, N. F. Smozhenkov. Reviewed by A. V. Edel'shtein. Geod. i kart. no. 1:75-77 Ja '62.

MAP PROJECTION
Foundations of a genetic classification of cartographic projections. G. A Meshcheriakov. Izv. vys. ucheb. zav., geod. i aerof. no. 4:109-118 '61.

MAPS
Economic inset maps in the "Countries of the world" series of folded desk maps. N. V. Grinberg. Geod. i kart. no. 12:41-44 D '61.
A new series of geographical atlases for eight-year schools. E. N. Myshetskaia. Geod. i kart. no. 12: 44-49 D '61.

MAPS—SYMBOLS
Representation of cliffs on topographic maps. M. A. Fedoseev. Geod. i kart. no. 12:36-40 D '61.

MARBLE
Uniform calcite orientation in deformed marbles. A. A. Kurdiukov. Izv. AN SSSR. Ser. geol. 27 no. 2:111-117 F '62.

MARCEAU, MARCEL, 1923-
The art of Marcel Marceau. T. Sil'man. Nova no. 12: 176-180 '61.

MARGANETS (KAZAKHSTAN)—MANGANESE ORES
Technical and economic grounds for selecting a method of nodulizing Dzhezdinskiy manganese concentrates. N. M. Babushkin, A. A. Rozhnovskii. Trudy Uralmekhanobra no. 5:132-137 '59.

MARGELAN—SILK MANUFACTURE
For the welfare of the people. S. Kazimov. Nar. khoz. Uzb. 4 no. 1:62-63 Ja '62.

MARI A.S.S.R.—BRONZE AGE
Monuments of the Abashev Culture in the Mari A. S. S. R. A. Kh. Khalikov. Mat. i issl. po arkheol. no. 97:157-241 '61.

MARI A.S.S.R.—COMMUNIST YOUTH LEAGUE
Sanukov, K. N., and I. P. Krylov, eds. [Forty years of the Communist Youth League of the Mari A. S. S. R.] Mariiskomu komsomolu 40 let. Ioshkar-Ola, Mariiskoe knizhnoe izd-vo, 1961. 141 p.

MARI A.S.S.R.—MOUNDS
Monuments of the Abashev Culture in the Mari A. S. S. R. A. Kh. Khalikov. Mat. i issl. po arkheol. no. 97:157-241 '61.

MARINE BIOLOGY see subdivision under Baltic Sea

MARINE BIOLOGY—RESEARCH see subdivision under Endoume, France

MARINE BOILERS see Boilers, Marine

MARINE DIESEL ENGINES
Analyzing the wear of the bushings of operating cylinders in engines of the "Man" firm. V. M. Korotkov. Ryb. khoz. 38 no. 1 22-26 '62.

Performance of starting and reversing gear of SD 72 diesels. V. S. Gavrilov. Biul. tekh.-ekon. inform Tekh upr. Min. mor. flota 5 no. 4:58-67 '60

MARINE DIESEL ENGINES—FUEL SYSTEMS
Manufacture of alloyed, low-carbon grey cast iron plunger pairs for diesel engine fuel pumps. I. Blinov Mor. flot 22 no. 1:33-34 Ja '62.

MARINE DIESEL ENGINES—LUBRICATION
Effect of lubricants on the formation of a carbon deposit in diesel engines. L. G. Ginzburg. Inform. sbor. TSNIIMF no. 47. Tekh. ekspl. mor. flota no. 3 49-57 '60.

MARINE ENGINEERING
Choosing a layout and making calculations for an adjustable condensation system with a deaerator E. V. Pankov. Sudostroenie 27 no. 11:28-35 N '61.

Compact device for operating controllable pitch propellers [from "The Motor Ship," no. 487, II, 1961]. Sudostroenie 27 no. 12, 77 D '61.

Krakovskii, I. I. [Auxiliary marine engines] Sudovye vspomogatel'nye mekhanizmy. Moskva, Izd-vo "Rechnoi transport."
Pt. 2. [Marine pumps] Sudovye nasosy 1961. 174 p.

Taking measures to mechanize and automate the power plant of "Kazbek" type tankers. V. R. Sukhomlin, IU. IA. Fomin. Biul. tekh.-ekon. inform. Tekh. upr. Min. mor. flota 5 no. 4:13-29 '60.

MARINE ENGINEERING—BIBLIOGRAPHY see Bibliography—Marine engineering

MARINE ENGINES
Rated capacity of main engines on "Kazbek"-type tank vessels. A. A. Eremin. Inform. sbor. TSNIIMF no. 47. Tekh. ekspl. mor. flota no. 3:35-43 '60.

MARINE ENGINES—FUEL SYSTEMS
Performance of a fuel feeding system for low revolution marine engines. N. V. Evreinov. Inform. sbor. TSNIIMF no. 47. Tekh. ekspl. mor. flota no. 3:24-31 '60.

MARINE ENGINES—MAINTENANCE AND REPAIR
Operation of equipment on a ship. I. Gladshtein, A. Rybkin. Tyl i snab. Sov. Voor. Sil 21 no. 12, 77-82 D '61.

MARINE ENGINES—SPECIFICATIONS
Russia (1917- R. S. F. S. R.) Ministerstvo rechnogo flota. Tekhnicheskoe upravlenie. [Technical specifications for the repair of the 3D6 TU RF 411-1IR-59 internal combustion engine] Tekhnicheskie usloviia na remont dvigatelia vnutrennego sgoraniia 3D6 TU RF 411-1IR - 59. Moskva, Izd-vo "Rechnoi transport," 1961. 343 p.

MARINE FOULING
(see also subdivision under Black Sea; Caspian Sea; Japan, Sea of)
Effect of infusions of cupriferous antifouling paints on some fouling organisms. E. P. Turpaeva, R. G. Simkina. Trudy Inst. okean. 49:224-234 '61.

Method of studying the fouling of seagoing ships and hydraulic structures. N. I. Tarasov, N. A. Rudiakova Trudy Inst. okean. 49:60-64 '61.

MARINE GAS TURBINES
Design of a gas-turbine driven tanker. Biul. tekh.-ekon. inform. Tekh. upr. Min. mor. flota 5 no. 4:30-41 '60.

MARITIME LAW
Makovskii, A. L. [Legal regulation of freight transportation by sea] Pravovoe regulirovanie morskikh perevozok gruzov. Moskva, Izd-vo "Morskoi transport," 1961. 310 p.

MARITIME METEOROLOGY see Meteorology, Maritime

MARITIME TERRITORY—CHILDREN'S PLAYS
Ten-thousand kilometers from home. . . . V. Kataev-skii. Teatr 23 no. 1:172 Ja '62.

MARITIME TERRITORY—LITERATURE
"Tikhyi okean"; a literary almanac. Reviewed by M. Peisakhovich. Vop. lit. 5 no. 8:202-209 Ag '61.

MARITIME TERRITORY—MEDICAL GEOGRAPHY
Medico-geographical study of the northern part of the Maritime Territory. A. A. Keller. Geog. sbor. no. 14: 98-107 '61.

MARITIME TERRITORY—RADIOLOGISTS
Information on the activity of the Maritime Territory Scientific Society of Roentgenologists and Radiologists. A. I. Khakham, S. IA. Lobanova. Vest. rent. i rad. 36 no. 5:77 S-O '61.

MARITIME TERRITORY—SOYBEAN
"Soybeans in the Maritime Territory," by I. F. Bolikov and I. G. Tkachenko. Reviewed by N. N Gil'dshtein. Masl.-zhir. prom. 27 no. 11:44-45 N '61.

MARITIME TERRITORY—TRANSPORTATION, AUTOMOTIVE
Territory conference of highway transport workers. A. Spiridonova. Avt. transp 40 no. 1:55 Ja '62

MARKETING RESEARCH
Market analysis in planning Soviet trade. A. I. Faintskii. Sbor. nauch. rab. Len. inst. sov. torg. no. 16:34-45 '60

MARKEVITCH, IGOR, 1912-
Correspondence of conductors. Sov. muz. 25 no. 8:81-83 Ag '61.

MARKING DEVICES
Chemical methods for making parts. A. M. IAmpol'skii. Mashinostroitel' no. 1:35 Ja '62.

MARKOV, ALEKSANDR MIKHAILOVICH, 1901
Aleksandr Mikhailovich Markov; on his 60th birthday. Klin. med no. 1:3-4 '62.

MARKOV PROCESSES
Some differential equations applicable in a study of oscillations with slight random perturbations. R. Z. Khas'minskii. Dokl. AN SSSR 142 no. 3:560-563 Ja '62.

MARRIAGE LAW
Russia (1917- U. S. S. R.) Laws, statutes, etc. [The code of laws on marriage, family, and guardianship of the R. S. F. S. R. Official text with amendment as of February 1, 1961 and supplementary materials on the articles] Kodeks zakonov o brake, sem'e i opeke RSFSR. Ofitsial'nyi tekst s izmeneniiami na 1 fevralia 1961. g. i s prilozheniem postatei no-sistematizirovannykh materialov. Moskva, Gos. izd-vo jurid. lit-ry, 1961. 199 p.

MARROW
Blood and bone marrow picture of the rabbit under normal conditions. N. V. Dzhibladze, N. A. TSintsadze. Soob. AN Gruz. SSR 27 no. 4:487-490 O '61.

Changes in the bone marrow of patients with endarteritis obliterans following lumbar sympathectomy. S. O. Apait, N. I. Batygina. Sov. med. 25 no. 9:118-121 S '61.

Change in the content of ribonucleic acid and nucleotides during differentiation and maturation of bone marrow cells in healthy persons (A method for ultraviolet ray cytospectrophotometry). V. P. Gurbanov. Probl. gemat. i perel. krovi no. 11:3-11 '61.

Composition of peripheral blood and marrow in the Transcaucasian hamster. TS. I. Abakelilia and others. Soob. AN Gruz. SSR 27 no. 5:619-624 N '61.

MARROW—TRANSPLANTATION
Appearance of incomplete antibodies after bone marrow transplantation in radiation sickness (preliminary report) [with summary in English]. M. A. Umnova, M. N. Novikova. Biul. eksp. biol. i med. 52 no. 8:82-86 Ag '61.

Bone marrow donors; preliminary report. C. T. Nicolau and others Probl. gemat. i perel. krovi no. 2:36-40 '62.

MARROW—TUMORS
Clinical aspects and treatment of myeloma. A. L. Kozyreva. Med. rad. no. 1:22-27 '62.

MARSH TEA
(see also subdivision under Sayan Mountains)
Marsh tea (Ledum palustre L.). I. A. Pankova. Trudy Bot. inst Ser. 5 no. 9:175-216 '61

MARSHALITE
Use of rotating electric drum furnaces for firing marshalite. P. M. Lazareva. Prom. energ. 15 no. 7:14-15 Jl '60.

MARTIN DU GARD, ROGER, 1881-1958
"The world of the Thibaults" by Roger Martin du Gard. E. Kuz'mina. Sbor. stud. nauch. rab. po gum. tsik. MOPI 4:137-157 '60.

MARTITE
Interaction of martite and quartz with sodium oleate in the presence of calcium ions. O. S. Bogdanov, N. S. Mikhailova, A. K. Podnek. Trudy Mekhanobr no. 128:17-26 '61.

MARX, KARL, 1818-1883
From the personal library of Karl Marx. IE. S. Shabliovskyi. Rad. lit. 6 no. 1:97-98 Ja-F '62.

His name and work will survive the centuries! L. Kerbel'. Mol. komm. no. 10:119-121 O '61.

Karl Marx and children. M. Osipov. Doshk. vosp. 35 no. 1:81-87 Ja '62.

MARX, KARL, 1818-1883—BIBLIOGRAPHY see Bibliography—Marx, Karl, 1818-1883

MARX IN LITERATURE AND ART
A fascinating and difficult theme. Galina Serebriakova. Vop. lit. 5 no. 7:170-179 Jl '61.

MASERS
Coherent light amplifiers and principle of molecular amplification. B. M. IAvorskii. Svetotekhnika 8 no. 2 1-5 F '62

Molecular generator with several natural frequencies of the cavity within the width of the radiation line. V. N. Lugovoi. Radiotekh i elektron 7 no. 2, 349-351 F '62.

Sensitivity of solid state electromagnetic radiation receivers. N. V. Karlov, A. M. Prokhorov. Radiotekh i elektron 7 no. 2:328-331 F '62.

Singer, J. R. [Masers; solid state generators and amplifiers. Translated from the English] Mazery; kvantovye usiliteli i generatory Pod red. F. V. Bunkina Moskva, Izd-vo inostr. lit-ry, 1961. 200 p.

... They created hyperboloid too. V. Matvitko. Znan ia pratsia no. 1:13 Ja '62.

MASLOV, MIKHAIL STEPANOVICH, 1885-1961
In memory of M. S. Maslov. Sov. med. 25 no. 8:157-158 S '61.

M. S. Maslov (1885-1961). Vop. okh. mat. i det. 6 no. 8:93-94 Ag '61.

MASS (CHEMISTRY) see Atomic mass

MASS BCG VACCINATION see BCG vaccination

MASS TRANSFER
Calculation of the condensation process of vapor from steam and gas mixtures. M. E. Ivanov. Khim prom no. 9:52-58 S '61.

Effectiveness and maximum loads of industrial absorbers with various bibble trays. M. E. Aerov and others Gaz. prom. 6 no. 11:35-38 '61.

Mass transfer coefficients in the process of rectification on perforated plates. L. M. Anoshin. Izv. vys ucheb. zav., pishch. tekh. no. 5 131-131 '61.

Mechanism of heat and mass transfer in a fluidized bed. E. Rukenshtein. Zhur. prikl. khim. 35 no. 1: 70-80 Ja '62.

Some problems of heat and mass transfer [with summary in English]. N. I. Gamaliuov. Inzh.-fiz. zhur. 5 no. 3: 70-85 F '62.

MASSAGE
Characteristics of massage in hemiplegia of vascular origin. L. L. Guseva. Vop. kur., fizioter. i lech. fiz. kul't. 26 no. 4, 312-315 Jl-Ag '61.

Effect of external uterine massage on its contractile capacity N. A. Shilko Akush. i gin no. 5 30-35 '61.

MASTICATION
Characteristics of mastication in relation to the method of fixing partial removable dentures. V. I. Shilov. Trudy LSGMI 63:100-108 '60.

Characteristics of mastication in the area of various groups of teeth. A. V. Vysotskaia. Trudy LSGMI 63:55-61 '60.

Characteristics of the development of mastication in children during the period of bite with the deciduous teeth. E. M. Tel'-Pogosian. Trudy LSGMI 63:133-144 '60.

Characteristics of the method of studying mastication. I. S. Rubinov. Trudy LSGMI 63:19-36 '60.

Dynamics of the change in mastication in the process of orthopedic treatment of parodontosis (amphodontosis). V. F. Gorbacheva. Trudy LSGMI 63:71-80 '60.

Effectiveness of mastication in subjects using dental prostheses. G. B. Shilova. Trudy LSGMI 63:109-120 '60.

Influence of the height of occlusion on the intensity of mastication and the degree of food grinding by dentures. L. M. Perzashkevich. Trudy LSGMI 63:81-90 '60.

Masticatiographic data on the influence of the height of occlusion on mastication by dental prostheses. L. M. Perzashkevich. Trudy LSGMI 63:91-99 '60.

Role of nervous reception in the clinical aspects of orthopedic stomatology. I. S. Rubinov. Trudy LSGMI 63 7-18 '60.

MASTOID PROCESS—DISEASES
Atypical mastoiditis. A. P. Moiseenko. Vest. otorin. no. 6:81-84 '61.

al-MASUDI, d. 956
Africa in Masudi's analysis. L. A. Semenova. Krat. soob. Inst. nar. Azii no. 45, 111-121 '61.

MATCH INDUSTRY—EQUIPMENT AND SUPPLIES
Automatic regulator of the density of the impregnation solution for match sticks. A. A. Smirnov. Der prom 11 no. 2:13-14 F '62.

MATEJKO, JAN ALOJZY, 1838-1893
Exhibition of works by Jan Matejko. K. Mytareva. Soob. Gos. Erm. no. 20:71-72 '61.

MATERIA MEDICA see subdivision under China

MATERIALS
We need an analytic method for the selection of materials. G. P. Ivanov. Mashinostroitel' no. 1:42 Ja '62.

MATERIALS HANDLING—TERMINOLOGY

Information section, universal precautionary inscriptions used on cartons in countries which ship freight. Biul tekh.-ekon. inform. Tekh upr. Min. mor. flota 5 no 4: insert '60.

MATHEMATICAL ABILITY

Some characteristics of the thinking of school children with slight aptitude for mathematics [with summary in English] V A Krutetskii Vop psikhol 7 no 5 77-89 S-O '61

MATHEMATICAL ANALYSIS

Fikhtengol'ts, G.M. [Fundamentals of mathematical analysis] Osnovy matematicheskogo analiza Izd. 3. Moskva, Gos. izd-vo fiziko-matem. lit-ry.
Vol 2. 1960. 464 p.

MATHEMATICAL CRYSTALLOGRAPHY see Crystallography, Mathematical

MATHEMATICAL PHYSICS

Concerning variational methodology for calculating parameters being linear functionals of the integrals of electrodynamic equations IA. N. Fel'd Radiotekh. i elektron. 7 no 1:52-60 Ja '62.

Models involving a finite number of degrees of freedom for a certain class of problems in mathematical physics (Difference systems involving a law of conservation) A L Krylov Dokl AN SSSR 142 no 3 572-575 Ja '62.

MATHEMATICAL RECREATIONS

Trudnev, V.P. [Count, grasp the meaning, and guess!] Schital, smekal, otgadyval. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 70 p.

MATHEMATICAL STATISTICS

Estimation of the least mean number of paired comparisons necessary for the complete ordering of N objects of different weight [with summary in English]. S. S. Kislitsyn. Vest. LGU 17 no. 1:162-163 '62

Podgoretskii, M.I., and E.N. TSyganov. [Determination of the true number of events and its fluctuations on the basis of the results of two independent observations] Opredelenie istinnogo chisla sobytii i ego fluktuatsii po rezul'tatam dvukh nezavisimykh nabliudenii Dubna, Ob"edinennyi in-t iadernykh issl. 1961. 8 p

MATHEMATICS
(see also subdivision under Jassy, Rumania)

Smirnov, V.I. [Course in higher mathematics] Kurs vysshei matematiki. Izd. 19, ispr. Moskva, Gos. izd-vo fiziko-matem. lit-ry.
Vol. 1 1961 478 p

MATHEMATICS—JUVENILE LITERATURE

Modulus. I. Tanatar. IUn. tekh. 5 no. 7:58-60 Jl '61.

What is a vector? V. Lishevskii. IUn. tekh. 5 no. 7: 60-61 Jl '61.

MATHEMATICS—STUDY AND TEACHING
(see also subdivision under Lipetsk Province)

Development of the infinity concept in a mathematics course for grade 5-8 students of a general-education secondary school. E L. Mokrushin. Uch. zap MOPI 98 119-284 '60.

History of the first school of mathematics at Saint Petersburg. V.I. Lysenko. Trudy inst. ist. est. i tekh. 43 182-205 '61.

Methodological handbook for mathematics teachers. IU. IU. M. Bol'sen. Rad. shk. 40 no. 1:90-91 Ja '62.

Methods and problems in teaching higher mathematics in a pedagogical institute. M.V. Pototskii. Uch. zap. MOIP 98:295-328 '60.

Shakhno, K.U. [How to prepare for entrance examinations to institutions of higher learning; mathematics] Kak gotovit'sia k priemnym ekzamenam v vuz, matematika. [Leningrad] Izd-vo Leningr. univ., 1961. 246 p.

MATRICES

Nilpotent irreducible groups of matrices over a finite field. D. A. Suprunenko, R. F. Apatenok. Dokl. AN BSSR 5 no. 12:535-537 D '61

MATSESTA—BATHS

Effect of Matsesta baths on the thermoregulatory reflex in patients with eczema [with summary in English]. I.I. Pototskii, E.P. Smirnova. Vest. derm. i ven. 35 no 12:37-42 D '61.

MATTER

How D. I. Mendeleev participated in a discussion of the idea of development in the theory of matter. A. A. Makarenia Vop. filos 16 no. 1 156-158 '62.

"Reflection as a common property of all matter" by A.N. Riakin. Reviewed by E.P. Nikitin. Nauch dokl vys. shkoly: filos. nauki 4 no. 3:171-174 '61.

MAY DAY (LABOR HOLIDAY) see subdivision under China

MAYA INSCRIPTIONS see Picture writing, Maya

MAZEIKIAI—CEMENT INDUSTRIES

Community is a great force. G. Shchebuniaev. NTO 3 no. 12:33-34 D '61.

MAZUT

Effect of the addition of mazut on the quality of coking products. V. L. Krol', G. M. Dorogobid, V. A. Prazdnikova Koks i khim. no. 9:12-16 '61.

Experimental pyrolysis of mazut and shale tar. M.K. Pis'men and others. Gaz. prom. 6 no 11:18-22 '61

MEADOW MICE see Field mice

MEADOWS see Pastures and meadows

MEASUREMENTS, ELECTRIC see Electric measurements

MEASUREMENTS, ELECTRONIC see Electronic measurements

MEASURING INSTRUMENTS

Apparatus for complete well measurement [in Azerbaijani with summary in Russian] Ch. M. Sheidaev. Azerb. neft khoz 40 no 11:13-15 N '61.

Automatic device for measuring cardboard thickness. A P Gritsenko, V. N Dogotar', G N. IAtsenko Bum prom. 36 no. 10 21 O '61.

Malyi, D.D. [Means for checking dimensions in the manufacture of machinery] Sredstva kontrolia razmerov v mashinostroenii Moskva, TSentr. biuro tekhn. informatsii, 1959 58 p (Dostizhenila nauki i tekhnikt) [MICROFILM]

A method for increasing the precision of measuring systems. N.A. Chekhonadskii. Izm tekh. no. 12: 8-12 D '61.

MEASURING INSTRUMENTS—TESTING

Using official testing of measuring instruments for the evaluation of their reliability and suitability for serial production M.A. Zemel'man, N I Tiurin. Izm. tekh. no 12,7-8 D '61.

MEAT—COSTS

IArmolenka, M.M. [Ways for reducing costs in the production of meat and milk] Shliakhi znizhennia zatrat na vytvorchasts' miasa i malaka. Minsk, Dziarzh. vyd-va sel'skahaspadarchai lit-ry BSSR, 1961. 62 p.

MEAT, FROZEN—TRANSPORTATION

Natural loss of meat and fish in rail transportation [with summary in English on page 79]. P. A. Alekseev and others. Khol. tekh. 38 no. 4 48-50 Jl-Ag '61.

MEAT INDUSTRY
(see also subdivision under Moldavia)

Let us build meat plants. IU. Shramko. Komsom. zhizn' no 14 25-26 Jl '61.

MECHANICAL BRAINS see Cybernetics

MECHANICAL DRAWING

Work area of a designer. E. Andreev, V. Zakharov. Nauka i zhizn' 28 no. 10:106-109 O '61.

MECHANICAL DRAWING—STANDARDS

Development of first standards for machinery drawings. Z. D. IAmova. Standartizatsiia 26 no. 1:24-26 Ja '62.

Introduction of the State Standard 3450-60. M. A. Baranovskii. Standartizatsiia 26 no. 1:63 Ja '62.

MECHANICAL ENGINEERING—BIBLIOGRAPHY see Bibliography—Mechanical engineering

MECHANICAL ENGINEERING—STUDY AND TEACHING

Rally of young constructors of automation and telemechanics. V. Ivanov. Nar. obr. no. 1:123-124 Ja '62.

MECHANICAL FANS see Fans, Mechanical

MECHANICAL MOVEMENTS

Kožešník, Jaroslav. [Dynamics of machinery; selected works. Translated from the Czech] Dinamika mashin; izbrannye stat'i. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 423 p.

MECHANICAL WEAR

Correspondence between abrasive wear and scratching strength at elevated temperatures. G D Polosatkin, G. I. Kiselev. Izv. vys. ucheb. zav., fiz. no. 6 35-37 '61.

Effect of nonaqueous drilling fluids on the wear of bits. M. Sh. Akmullin, K. F. Zhigach. Izv. vys. ucheb. zav.; neft' i gaz 4 no. 6:33-38 '61.

Study of wear of bearings of standard bits. A. S. Mokshin. Trudy VNIIBT no. 3:18-29 '61

MECHANICAL WEAR—TESTING

Using the method of negative impressions for determining the wear of machine parts. K. P. Chudakov, I. K. Dombrovskaia, IU. V. Boldov. Vest. mash. 42 no 1:40-42 Ja '62.

MECHANIZATION, AGRICULTURAL see Farm mechanization

MECHANICS

Akademiia sel'skahaspadarchykh navuk BSSR. Navukova-dasledchy instytut mekhanizatsyi i elektryfikatsyi sel'skai haspadarki. [Problems of agricultural mechanics] Voprosy zemledel'cheskoi mekhaniki. Pod red. M. E. Matsepuro i B. N. IAnushkevicha. Minsk, Gos. izd-vo sel'khoz. lit-ry BSSR.
Vol. 7. 1961. 291 p.

Free perfectly elastic oscillating systems. V. M. Starzhinskii. Prikl. mat. i mekh 26 no 1,172-181 Ja-F '62

Stability of equilibrium for systems involving dry friction. G. K. Pozharitskii. Prikl mat i mekh 26 no. 1: 5-14 Ja-F '62.

MECHANICS—ABSTRACTS

[Mechanics.] Ref. zhur. Mekh. no. 1 Ja '62.

MECHANICS—EARLY WORKS TO 1800

Ideological foundations of Leibnitz's mechanics. A.T. Grigor'ian Trudy inst. ist. est. i tekh. 43:351-362 '61.

MECHANICS, ANALYTIC

Concerning an error in nonholonomic mechanics. B.N. Fradlin. Trudy inst. ist. est. i tekh. 43 170-177 '61.

Development of the basic premises of the invariant theory of mechanics. V IU Ivashkevich. Trudy inst. ist. est. i tekh. 43 378-405 '61.

Extremum properties of the integral principles of nonholonomic mechanics in nonholonomic coordinates [with summary in English]. V.S. Novoselov Vest LGU 17 no. 1:124-133 '62

Petr Vasil'evich Voronets, one of the founders of nonholonomic mechanics. B.N. Fradlin. Trudy inst. ist. est. i tekh. 43 422-469 '61

Some problems of the integration of equations of motion in I D. Sokolov's "Dynamics." N. IA. TSyganova. Trudy inst. ist. est. i tekh. 43 406-421 '61.

Spectrum of a singular string. I. S. Kats. Izv. vys. ucheb. zav.; mat. no. 1:57-64 '62.

Using Fourier's method for solving a boundary value problem for the equation $u_{yy}+K(y)u_{xx}=0$ with data on the characteristics and line of degeneration [with summary in English]. I. A Bliumkina Vest. LGU 17 no. 1:111-115 '62.

MEDIASTINUM—CANCER

X-ray treatment of malignant tumors of the mediastinum with the aid of a lead grid. O F. Koroleva. Med. rad. no. 6:3-10 '61.

MEDICAL CARE see subdivision under Fergana

MEDICAL CARE, COST OF see subdivision under United States

MEDICAL CLIMATOLOGY see Climatology, Medical

MEDICAL COLLEGES

Faculty Surgical Clinic and its role in the development of Soviet surgery during the prerevolutionary period. N. N. Elanskii, IU. V. Kipreneskii. Klin med. no. 1:147-153 '62.

MEDICAL COLLEGES—BIBLIOGRAPHY see Bibliography—Medical colleges

MEDICAL ELECTRONICS

Radioelectronics in medicine. L. N. Mishin. Sov. zdrav 20 no. 6:23-27 '61.

MEDICAL ELECTRONICS—CONGRESSES

Conference on the problems in the use of radioelectronics in medicine and biology. V. G IAsnogorodskii Vop. kur., fizioter. i lech. fiz. kul't. 24 no. 6:563-567 N-D '59.

MEDICAL GEOGRAPHY
(see also subdivision under Alaska; Austria; Japan; Kamchatka; Luga District; Maritime Territory; Russia, Northern; Siberia)

Characteristics of the geographical distribution of cancer on the territory of the Soviet Union. A. V. Chaklin. Geog. shor. no. 14:104-173 '61.

Geograficheskoe obshchestvo SSSR. [Materials of the Commission on Medical Geography] Materialy Komissii meditsinskoi geografii. Leningrad.
Pt. 1. 1961. 76 p.

Historical study of the development of medical geography in Russia. A. P. Markovin Geog. sbor. no. 14 14-28 '61.

Main objectives and methods for studying man's diseases (nosogeography). A. A. Shoshin. Geog. sbor. no. 14: 130-144 '61.

Main objectives and methods for studying the medical geography of a locality A A. Shoshin Geog sbor. no. 14 29-35 '61.

Materials on the medico-geographical features of mountain landforms. V. P. Biakov. Geog. sbor. no. 14 36-56 '61.

Multiple sclerosis and its geographic distribution. N. I. Grashchenkov and others. Vest. AMN SSSR 16 no. 6:57-60 '61.

Nature, objectives and methods of medical geography. A. A. Shoshin and others. Geog. sbor. no. 14 5-13 '61

MEDICAL GEOGRAPHY—MAPS

Main problems in medical cartography. A. A. Shoshin. Geog. sbor. no. 14:174-189 '61.

Survey of Soviet and foreign work in medical cartography. O. V. Shkurlatov. Geog. sbor. no. 14:190-197 '61.

MEDICAL GYMNASTICS see Exercise therapy

MEDICAL INSTRUMENTS AND APPARATUS

Guard for bronchoesophagoscopic tubes to prevent their deformation by the teeth E. N. Surinov. Zhur. ush., nos. i gorl. bol. 21 no 5 83-84 S-O '61.

Investigating the vascular channel by the capillaroscopic method in Ménière's disease [with summary in English] A. M. Ryndina. Zhur. ush., nos. i gorl. bol. 21 no. 4:28-33 Jl-Ag '61.

"Medicine and Technology" of the Design Bureau. B. Zubkov, E. Muslin. Znan. sila 37 no. 1 14-17 Ja '62.

Portable amplifier of bioelectric potentials and its diagnostic value in otiatric practice [with summary in English]. E. N. Novik, N. V. Toger. Zhur. ush., nos. i gorl. bol. 21 no. 4:25-27 Jl-Ag '61.

Technology in medicine. M. G. Anan'ev. Sov. zdrav. 20 no. 8:13-19 '61.

MEDICAL INSTRUMENTS AND APPARATUS—EXHIBITIONS

Exhibition of the works of the All-Union Research Institute of Medical Instruments and Equipment. L. S Tolokonnikov. Sov. zdrav. 20 no. 8:90 '61

MEDICAL JURISPRUDENCE

Problems of forensic medical expertise in criminal procedure. P. P. Shchegolev. Izv. vys. ucheb. zav.; prav. 5 no. 4:136-139 '61

Vinogradov, I. V., and others, comps. [Manual on medicolegal expertise] Spravochnik po sudebnomeditsinskoi ekspertize. Moskva, Medgiz, 1961. 251 p.

MEDICAL MICROBIOLOGY

"Medical microbiology" by F. I. Shevchenko. Reviewed by K. A. Kozlov. Med. zhur. Uzb. no 7 66-67 Jl '61.

MEDICAL MUSEUMS see subdivision under Leningrad

MEDICAL MYCOLOGY

Occupational fungous diseases. A. M. Arievich. Vest. derm. i ven. no. 1:3-9 '62.

MEDICAL PARASITOLOGY

"Parasitology for doctors" [in German] by Otto Jirovec. Reviewed by V. V. Sura. Sov. med. 25 no. 10:157 O '61.

MEDICAL PERSONNEL

(see also subdivision under Tajikistan)

Legal consultation. A. V. Roti. Vrach. delo no. 12: 155-156 D '61.

MEDICAL RADIOLOGY see Radiology, Medical

MEDICAL RECORDS

Organization of archives for preservation of the history of diseases in rural hospitals [with summary in English] N. V. Murav'ev. Sov. zdrav. 20 no. 7:69-72 '61

MEDICAL SCREENING

Use of the data from compulsory periodic medical examinations in the fight to lower the incidence of disease with loss of work capacity. L. IA. Burlova, G. I. Zuev. Zdrav. Ros. Feder. 5 no. 12:8-11 D '61.

MEDICAL STATISTICS—EQUIPMENT AND SUPPLIES

Disk scale for statistical calculations based on the calendar. R. B. Akhmedzianov. Vrach. delo no. 12: 132-133 D '61.

MEDICINE

(see also subdivision under China; Latvia; Ukraine)

"Ancient Russian doctoring from the 11th to the 17th century. Sources for the study of the history of Russian medicine" by N. A. Bogolavlenskii. Reviewed by V. A. Nevskii. Sov. med. 25 no. 9:152 S '61.

Brief news. Biul. Uch. med. sov. 2 no. 6:44-45 N-D '61.

Important and jubilee dates in the history of medicine for 1962. Sov. zdrav. 20 no. 8:75-77 '61.

"Mutual exchange of knowledge in the field of medicine and pharmacology between China and Arabian countries" by Sung Ta-jên. Abstract from "Lishih yenchiu" no. 1 '59 by A. I. Zakharova. Sovr. kit. lit. po obshchestv. naukam no. 4 1:107-111 '61.

Polymer materials in medicine. M. I. Rokhlin, V. K. Shitikov. Plast massy no. 9:44-46 '61.

Problems of medical science in the light of the new program of the CPSU. Biul. Uch. med. sov. 2 no. 6:3-5 N-D '61.

Significant and jubilee dates in the history and medicine in 1962. Sov. zdrav. 20 no. 7 77-79 '61.

MEDICINE—ABSTRACTS

[Medical abstracts.] Med. ref. zhur. sect. 1 vol. 6 no. 1 Ja '62; sect. 2 vol. 6 no. 2 F '62; sect. 3 vol. 6 no. 2 F '62; sect. 4 vol. 6 no. 2 F '62; sect. 5 vol. 6 no. 2 F '62; sect. 6 vol. 6 no. 2 F '62; sect. 7 vol. 6 nos. 1-2 Ja-F '62; sect. 8 vol. 6 nos. 1-2 Ja-F '62; sect. 10 vol. 6 nos. 1-2 Ja-F '62.

Reports. Sov. med. 25 no. 10:141-144 O '61.

MEDICINE—BIBLIOGRAPHY see Bibliography—Medicine

MEDICINE—CONGRESSES

First Joint Scientific and Practical Conference in the city of Kulyab. B. I. Monastyrskaia Zdrav. Tadzh. 8 no. 6:40 N-D '61.

Most international science. V. V. Parin. Kul't. i zhizn' 6 no. 1:23-25 '62.

MEDICINE—DICTIONARIES

"Fascicles for the Russian-Tajik-Latin medical dictionary" by M. IA. Rasulov. Zdrav. Tadzh. 8 no. 6:59-60 N-D '61.

[Large medical encyclopedia] Bol'shaia meditsinskaia entsiklopediia. Glav. red. A. N. Bakulev. Moskva, Gos. nauchn. izd-vo "Sovetskaia entsiklopediia."

Vol. 23. Pankreatit - persik. Izd. 2. 1961. 1184 columns.

——— [List of articles and terms for the letter "P" (23d vol.)] 7 p. Perechen' statei i tom) 7 p.

——— [Phonograph record for the article "Pericarditis"] Grammofonnaia plastinka k stat'e "Perikardity."

Russian-Tajik-Latin medical dictionary (fascicle for the letter "K"). M. IA. Rasulov. Zdrav. Tadzh. 8 no. 6 supplement N-D '61.

"Russian-Tajik medical phrase book" by A. M. IAgudaev. Reviewed by M. IA. Rasulov. Zdrav. Tadzh. 8 no. 5: 42-44 S-O '61.

MEDICINE—PHILOSOPHY

Materialistic and idealistic understanding of the nature of voluntary movements. N. A. Shustin. Fiziol. zhur. 47 no. 10:1227-1234 O '61.

"Physiological idealism and some philosophical problems in theoretical medicine" by V. P. Petlenko. Reviewed by G. I. TSaregorodtsev. Sov. zdrav. 20 no. 7:89-90 '61.

MEDICINE—STUDY AND TEACHING

(see also subdivision under Belaya Kalitva District)

Teaching in a hospital clinic. V. V. Dublitel. Terap. arkh. no. 6:92-94 '61.

MEDICINE—TERMINOLOGY

Problem of nomenclature for the bronchi. B. K. Sharov Probl. tub. no. 5:112-113 '61.

Some discussion questions on the interpretation of neuroectoderma tumors [with summary in English]. B. S. Khominskii. Vop. neirokhir. 25 no. 1:0-10 '62.

MEDICINE, INDUSTRIAL

"Bases for medical and industrial expertise (theory, methods, organization)" by A. F. Tret'iakov and others. Reviewed by B. F. Zimovskii. Zdrav. Ros. Feder. 5 no. 12:37 D '61.

MEDICINE, INTERNAL

Intradermal novocaine block in pain syndrome in the clinical aspects of internal diseases. B. D. Borovskaia, L. A. Ivanova, D. V. Anisimova. Sov. med. 25 no. 9: 122-125 S '61.

"Propedeutics of internal diseases" by S. A. Gillarovskii. Reviewed by A. M. Nogaller. Sov. med. 25 no. 9:155-156 S '61.

MEDICINE, MILITARY

First medical report on the health of Russian army troops. L. E. Poliakov. Voen.-med. zhur. no. 7:93-94 Jl '61.

Prevention of catarrhal diseases. A. Bergol'tsev. Tyl i snab. Sov. Voor. Sil 21 no. 12:61-64 D '61.

Work of the medical service of a district in improving medical care of the personnel. A. A. Shiykov. Voen.-med. zhur. no. 7:7-9 Jl '61.

The young military physician must provide care and attention daily. Voen.-med. zhur. no. 7:3-6 Jl '61.

MEDICINE, NAVAL

Return to life. N. Lanin. Sov. voin 43 no. 21:25 N '61.

MEDICINE AND RELIGION

Zhukova, E. D. [Wisdom of the people] Narodnaia mudrost'. [Vladimir] Vladimirskoe knizhnoe izd-vo, 1960. 34 p.

MEDICINE IN SPORTS see Sports medicine

MEDITERRANEAN SEA—PHYTOPLANKTON

Amount of chlorophyll in the plankton of the Aegean, Ionian, and Adriatic Seas. L. M. Sushchenia. Okeanologiia 1 no. 6:1039-1045 '61.

MEDULLA OBLONGATA

Intracellular derivation of potentials of the action of individual neurons in the reticular formation of the medulla oblongata. IU. P. Limanskii. Fiziol. zhur. 47 no. 6:671-677 Je '61.

MEHNERT, KLAUS, 1906-

Behind the mask of a scholar. D. Tumarkin. Neva no. 12: 181-182 '61.

MEIERKHOL'D, VSEVOLOD EMIL'EVICH, 1874-

Meeting on the radio. V. Vlasov. Sov. muz. 26 no. 8: 65-66 Ag '61.

Meierkhol'd presents "Queen of spades." E. Kaplan. Sov. muz. 26 no. 8:59-65 Ag '61.

MEKHREN'GA VALLEY—KARST

Karst of the Mekhrenga River Basin. N. P. Torsuev. Izv. Vses. geog. ob-va 93 no. 6:531-537 N-D '61.

MELAMINE

Production of melamine from urea. M. Mikhailov, Kh. Alaminov. Khim. prom. no 11:805-806 N '61.

MELANOMA

Diagnosis of malignant melanomas and their metastases with the aid of radioactive phosphorus [with summary in English]. T. D. Shchelokova. Med. rad. no. 9:10-13 '61.

Late results of the treatment of malignant skin melanomas. K. Sh. Kachkareva. Sov. med. 25 no. 8:138-141 Ag '61.

MELONS

Transportation of watermelons in containers. Sov. torg. 35 no. 1:47 Ja '62.

MELTING

Contact melting. L. K. Savitskaia, P. A. Savintsev. Izv. vys. ucheb. zav.; fiz no. 6:126-131 '61.

Fusing of centrally symmetrical bodies by a heat flow during entrainment of the liquid phase. A. S Ploshanov. Zhur. tekh. fiz. 32 no. 1:106-111 Ja '62.

MELTING POINTS

Temperature relation of certain types of heat treatment with that of nonferrous alloy melting. M. V. Zakhatov. Izv. vys. ucheb. zav., tsvet. met. 4 no 3:115-119 '61.

MENDELEEV, DMITRII IVANOVICH, 1834-1907

How D. I. Mendeleev participated in a discussion of the idea of development in the theory of matter. A. A. Makarenia. Vop. filos. 16 no 1:156-156 '62.

MENDELEVIUM

Beranova, G., and others. [Production of Md^{256} through irradiation of U^{238} with Ne^{22} ions, and study of some of its chemical properties] Poluchenie Md^{256} pri obluchenii U^{238} ionami Ne^{22} i izuchenie ego nekotorykh khimicheskikh svoistv. Dubna, Ob"edinennyi in-t iadernykh issl., 1962, 11 p. [With summary in English]

MÉNIÈRE'S DISEASE

Investigating the vascular channel by the capillaroscopic method in Ménière's disease [with summary in English]. A. M. Ryndina. Zhur. ush., nos. i gorl. bol. 21 no. 4:28-33 Jl-Ag '61.

MENINGES—TUBERCULOSIS

Characteristics of the course and outcome of tuberculous meningitis in children following different methods of treatment (from craniographic data). A. V. Alekseandrova. Probl. tub. no. 5:35-40 '61.

Clinical aspects of toxic allergic tuberculosis in children. G. S. Kirkevich. Pediatriia no. 1:47-52 '62.

Results of 10 years of observations on children convalescent from tuberculous meningitis [with summary in French]. V. N. Kiitskii. Probl. tub. no. 5:30-34 '61.

MENINGIOMA

Surgical technic for removal of parasagittal arachnoid endotheliома. G. A. Gabibov. Vop. neirokhir. 25 no. 1: 59-61 '62.

MENINGITIS, CEREBROSPINAL

Hearing disorders following basilar meningitis in children ["Ceskoslov. otolar.," No. 2, 1960]. Zhur. ush., nos. i gorl. bol. 21 no. 4:87 Jl-Ag '61.

MENINGO-ENCEPHALOMYELITIS see Encephalomyelitis

MENSURATION

Definition of the concept "mensuration." K. B. Karandeev, V. I. Rabinovich, M. P. TSaposhko. Izm. tekh. no. 12: 4-6 D '61.

"Methods of measuring masses" by S. S. Shchedrovitskii. Reviewed by P. N. Agaletskii. Izm. tekh. no. 12:64 D '61.

MENSURATION—BIBLIOGRAPHY see Bibliography—Mensuration

MENTAL DEFICIENCY

Differential diagnosis of atherosclerotic feeble-mindedness in Alzheimer's disease. D. B. Golant. Trudy Gos. nauchno-issl. inst. psikh. 22:242-262 '60.

So-called post-apoplectic feeble-mindedness. D. B. Golant. Trudy Gos. nauchno-issl. inst. psikh. 22:263-272 '60.

MENTAL DISCIPLINE

Sapozhnykova, L. S. [Be severe toward yourself] Budʹ vymohlivym do sebe. Kyiv, 1961. 40 p. (Tovarystvo dlia poshyrennia politych i naukovykh znanʹ Ukrainsʹkoi RSR. Ser. 10, no. 10)

MENTAL ILLNESS

Arterial pressure in acute psychoses in patients with cerebral atherosclerosis. G.V.Stoliarov. Trudy Gos. nauchno-issl.inst.psikh. 22,223-232 '60.

Characteristics of the intellectual activity of patients with the initial phases of cerebral atherosclerosis. B.V.Zeigarnik. Trudy Gos.nauch.-issl.inst.psikh. 22:313-325 '60.

Clinical and statistical data on patients with cerebral atherosclerosis with mental disorders. G.V.Stoliarov. Trudy Gos.nauchno-issl.inst.psikh. 22:436-446 '60.

Clinical and statistical materials on the incidence of vascular psychoses as revealed by data from the psychoneurological hospitals of the R.S.F.S.R. I.Z. Kopshitser. Trudy Gos.nauchno-issl.inst.psikh. 22 64-74 '60.

Clinical characteristics of initial mental disorders in cerebral atherosclerosis. I.N.Bobrova. Trudy Gos. nauchno-issl.inst.psikh. 22:125-148 '60.

Disturbances in the conditioned reflex activity in patients with cerebral atherosclerosis with mental changes. Preliminary report. V.I.Savchuk, G.A.Mashanova. Trudy Gos.nauchno-issl.inst.psikh. 22,287-302 '60.

Electrocardiogram in elderly and senile mental patients under treatment with methyldiazil. M.L. Shekhtman. Vrach. delo no.12;108-110 D '61.

Electroencephalographic studies of patients with initial mental disorders in cerebral atherosclerosis. Preliminary report. I.N.Bobrova, IU.N.Fedorovskii. Trudy Gos.nauchno-issl.inst.psikh. 22;303-312 '60.

Mental disorders in patients with atherosclerosis of the vessels of the brain. V.M.Banshchikov. Trudy Gos. nauchno-issl.inst.psikh. 22;3-33 '60.

Moscow. Gosudarstvennyi nauchno-issledovatel'skii institut psikhiatrii. [Modern methods of treating mental illness; methodological materials for aiding the practicing physician] Sovremennye metody lechenila psikhicheskikh zabolevanii; metodicheskie materialy v pomoshch' prakticheskomu vrachu. Pod red.L.L. Rokhlina i G.K.Tarasova. Moskva, 1961. 67 p. (DNLM)

Obsessive and compulsive states and their connections to epilepsy. V.N.Bondarev. Vrach.delo no.12;141-144 D '61.

Pathophysiological characteristics of patients with initial mental disorders in cerebrovascular atherosclerosis. I.N.Bobrova. Trudy Gos.nauchno-issl.inst.psikh. 22 273-286 '60.

Permeability of the hemato-encephalic barrier and of the skin capillaries in patients with cerebrovascular diseases with mental disorders. Preliminary report. M.IA.Maizelis, I.A.Maslov, T.E.Romel'. Trudy Gos. nauchno-issl.inst.psikh. 22;363-369 '60.

Present status of the problem of mental disorders in patients with vascular diseases of the brain and tasks in studying it. V.M.Banshchikov, G.V.Stoliarov. Trudy Gos.nauch.-issl.inst.psikh. 22:34-48 '60.

Role of the brain injury, infections, and intoxications in the genesis of cerebral atherosclerosis with mental disorders. Report No.1. A.M.Chirkov. Trudy Gos. nauchno-issl.inst.psikh. 22;75-87 '60.

Role of psychogenia in the etiology of mental disorders in cerebral atherosclerosis. I.M.Giul'nazarian, I.F. Zhebrovskaia. Trudy Gos.nauchno-issl.inst.psikh. 22;98-107 '60.

Some biochemical indices of the blood of patients with mental disorders caused by cerebral atherosclerosis and hypertension. Preliminary report. I.N.Bobrova, I.S.Romanova. Trudy Gos.nauchno-issl.inst.psikh. 22:355-362 '60.

Some immunological characteristics of vascular diseases (atherosclerosis of the brain and hypertension) with mental disorders. V.V.Kvirikadze and others. Trudy Gos.nauchno-issl.inst.psikh. 22;370-378 '60.

Study of the etiology and pathogenesis of vascular psychoses. Preliminary report. V.P.Kushelev. Trudy Gos.nauchno-issl.inst.psikh. 22;477-489 '60.

Treatment with neuroleptic drugs (reserpine, aminazine) for patients with cerebral atherosclerosis and hypertension with mental disorders. Preliminary report. G.K.Tarasov. Trudy Gos.nauchno-issl.inst.psikh. 22:395-407 '60.

MERCANTILE BUILDINGS

Let's make efficient use of capital investments. V.Kokorev, V.Grossman. Sov.torg. 35 no.2;1-5 F '62.

MERCAPTO COMPOUNDS

Lactones and lactams. Report No.21. Addition of mercapto compounds to N-alkenyl lactams. M.F.Shostakovskii, F.P.Sidel'kovskaia, F.L.Kolodkin. Izv.AN SSSR.Otd.khim.nauk no.1;155-162 Ja '62.

MERCHANDISE see Commercial products

MERCHANT MARINE

Akademiia nauk SSSR. Institut kompleksnykh transport- apital- nent] stran; tva,

"Commercial merchant marine of capitalist countries" by E.M.Kramarov. Reviewed by R.Guberman. Vnesh torg. 42 no.1 43-44 '62.

Follow-up of articles previously published. Mor.flot 22 no.1;3 of cover Ja '62.

Merchant marine in the fourth year of the seven-year-plan period. S.Baev. Mor.flot 22 no.1;1-3 Ja '62.

MERCHANT SEAMEN

One for all, all for each one. Mor.flot 22 no.1;4-5 Ja '62.

MERCHANT SEAMEN—EDUCATION AND TRAINING

Evening and correspondence form of teaching. K.G. Baikova. Sred.spets.obr. 9 no.1;35-37 Ja '62.

MERCHANT SHIPS—PASSENGER ACCOMODATIONS

Seagoing passenger liner with accomodations for 750 people. V.Dmitriev, M.Berg. Mor.flot 22 no.1;31-32 Ja '62.

MERCHANTS, ARMENIAN

Role of Armenian merchants in the development of Russo-Iranian trade in the last third of the 17th century, based on material of the Central State Archive of Ancient Documents. N.G Kukanova. Kratk.soob.Inst.nar.Azii no.30 20-34 '61.

MERCURIMETRY

Mercurimetric indicators from the azo derivative series of 8-hydroxyquinoline. A.I.Cherkesov. Zav.lab. 27 no.12;1447-1449 '61.

Mercurimetry in the potentiometric determination of chlorides. Z.I.Ivanova, P.N Kovalenko. Uch.zap. RGU 41 113-122 '58.

MERCURY

Effect of mercury on mechanical characteristics of brass. G.G.Maksimovich and others. Nauch.zap.IMA AN URSR.Ser.mashinoved. 7 no.7;26-31 '61.

MERCURY—ANALYSIS

Photocolorimetric method of determining mercury. A.L. Gershuns and others. Zab.lab. 27 no.12,1465-1467 '61.

MERCURY-ARC RECTIFIERS

Requirements of ignition networks. IU.A.Shmain. Vest.elektroprom. 31 no.10,27-30 O '60.

MERCURY ORES see subdivision under Tajikistan

MEROCYANINES—SPECTRA

Proportional sensitivity of merocyanine absorption spectra to the action of solvents. M.A Mostoslavskii, V.A. Izmail'skii. Dokl.AN SSSR 142 no.3;600-603 Ja '62.

MERSALYL

Diuretic action of mercusal in kidney diseases. V.N. Gorbenko. Vrach.delo no.12;147-148 D '61.

MERSALYL—PHYSIOLOGICAL EFFECT

Cytological changes in the urinary canaliculi of the kidney under the influence of mercusal [with summary in English]. V.G.Petrova. Biul.eksp.biol.i med. 52 no.10; 71-75 O '61.

MESENTERY—BLOOD SUPPLY

Pathogenesis of disorders of the mesenteric circulation in atherosclerosis and hypertension [with summary in English] V.S.Smolenskii. Kardiologiia 1 no.2,36-46 Mr-Ap '61.

MESENTERY—TUMORS

Infected multiple congenital cysts of the mesentery of the small intestine. M.N.Kovalishin. Vest.khir. no.5; 141-142 '61.

MESHCHERA—RUNOFF

Spring surface runoff from drained swamps. B.S.Maslov. Meteor.i gidrol. no.1 38-40 Ja '62.

MESONS

Baldin, A.M., and Nguen Van Kh'eu. [One possibility for determining the magnetic moments of unstable vector particles] Ob odnoi vozmozhnosti opredeleniia magnitnykh momentov vektornykh nestabil'nykh chastits. Dubna, Ob"edinennyi in-t iadernykh issl., 1961. 6 p.

Depolarization of μ^--mesons in the formation of μ-mesic atoms on spin $\frac{1}{2}$ nuclei [with summary in English]. A.P. Bukhvostov, I.M. Shmushkevich. Zhur.eksp.i teor.fiz. 41 no.6;1895-1906 D '61.

Energy dependence of the cross section for the photoproduction of π^--mesons on hydrogen near the threshold [with summary in English]. M.I. Adamovich and others. Zhur.eksp.i teor.fiz. 41 no.6;1811-1817 D '61.

Heavy neutral pseudoscalar mesons [with summary in English] I.IU. Kobzarev, L.B. Okun'. Zhur.eksp.i teor.fiz. 41 no.6;1949-1952 D '61.

π-Meson production in weak interactions [with summary in English]. IA.I. Azimov. Zhur.eksp.i teor.fiz. 41 no.6;1879-1884 D '61.

Photoproduction of π^0-mesons on deuterium at energies between 170 and 210 Mev. [with summary in English]. A.S. Belousov and others. Zhur.eksp.i teor.fiz. 41 no.6;1793-1803 D '61.

Plausible model of Λ-particle generation in high-energy πN-collisions [with summary in English] Wang Yung, Hu Shih-k'o. Zhur.eksp.i teor.fiz. 41 no.6; 1868-1869 D '61.

Study of the reaction $\pi^- + n \rightarrow \pi^- + n + m\pi^0$ with a beam of 2.8 Bev. /c π^--mesons [with summary in English]. IU.D. Balukov, G.A. Leksin, IA.IA. Shalamov. Zhur.eksp.i teor.fiz. 41 no.6,1787-1792 D '61.

MESONS—CAPTURE

Coupling constants in μ-capture [with summary in English]. L.D. Blokhintsev, E.I. Dolinskii. Zhur.eksp.i teor.fiz. 41 no.6;1986-1995 D '61.

MESONS—SCATTERING

Large-angle scattering of high-energy π-mesons. IU.D. Balukov, G.A. Leksin, IA.IA. Shalamov. Zhur.eksp.i teor.fiz. 41 no.6;2016-2018 D '61.

MESTIA DISTRICT—LABOR AND LABORING CLASSES

With the Communists of Verkhnyaya Svanetiya. S.Chkadua. Part.zhizn' no.3;41-44 F '62.

METABOLISM

Characteristics of physiological and chemical adaptation of the body to muscular activity in relation to the length of rest intervals between tasks during training. N.N.IAkovlev and others. Fiziol.zhur. 47 no.6;752-757 Je '61.

Fermentation process of rumen, gas and energy metabolism, and butterfat production in cows [with summaries in English, German, and French] I.I. Khrenov. Vest. sel'khoz.nauki 6 no.11;50-62 N '61.

Lessons on the subject "Metabolism." A.M.TSuzmer. Biol.v shkole no.1;37-43 Ja-F '62.

Role of vitamin B_{12} in metabolism. V.N.Bukin. Vit. res.i ikh isp. no.2;5-10 '61.

METAL CLADDING

Welding steel layers on high-strength cast iron parts by means of electrode ribbons. IU.A. Sterenbogen and others. Avtom.svar. 15 no.2;20-26 F '62.

METAL CRYSTALS—THERMAL PROPERTIES

Temperature dependence of the elastic anisotropy of metals of the cubic system. L.A.Kalinets. Izv.vys. ucheb.zav., fiz. no.6 150-157 '61

METAL CUTTING

Determining cutting conditions considering the dynamic rigidity of the technological system. K.S.Kolev. Vest. mash. 42 no.1;64-66 Ja '62.

Superhigh-speed metal cutting. L.Sizonov. Mashinostroitel' no.1;45 Ja '62.

Tamed chips. IU.Khvostov. Otv.na vop.tab. no.12; 34-36 '61.

METAL CUTTING—STUDY AND TEACHING

Selivanov, G.E., and M.E. Kazantsev. [Problems and exercises on metal cutting and metal-cutting tools] Sbornik zadach i uprazhnenii po rezaniiu metallov i rezhushchemu instrumentu. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1961. 182 p.

METAL-CUTTING TOOLS

(see also subdivision under Ukraine)

Automatic machining of steel. Sh.A. Krasil'shchikov, P.P. Serebrenitskii. Mashinostroitel' no.1;32-33 Ja '62.

Designing profiles of circular and end cutting tools using generalized formulas. F.S. Dikhtiar'. Stan.i instr. 33 no.2;21-25 F '62.

Interfactory school for metal-cutting tool specialists. I.Kramnik. NTO 4 no.1;29 Ja '62.

IUfa, E.P. [Cutting tool department of machinery plant] Instrumental'noe khoziaistvo mashinostroitel'nogo zavoda. Moskva, Gos.nauchno-tekhnicheskoe izd-vo mashinostroit.lit-ry, 1961. 117 p. (Bibliotechka po zavodskoi ekonomike)

Kuraev, V.IA., and A.Sh. Shifrin. [End and cylindrical cutters with irregular circular pitch of the teeth] Kontsevye i tsilindricheskie frezy s neravnomernym okruzhnym shagom zub'ev. Moskva, TSentr.biuro tekhn.informatsii, 1959. 63 p. (Dostizhenila nauki i tekhniki)

[MICROFILM]

Milling cutter with many cutting edges. V.S. Salukvadze. Mashinostroitel' no.1 25 Ja '62.

Milling cutters with set teeth. M.I. Kiselev. Mashinostroitel' no.1;21-22 Ja '62.

New cutting tools and attachements for planers. L.I. Potapovich. Mashinostroitel' no.1,18-19 Ja '62.

New design of bimetal cutting tools. I.A. Chumakov. Stan.i instr. 33 no.2;44-45 F '62.

Reznikov, A.N., ed. [Metal cutting tools for automatic and semiautomatic machine tools] Rezhushchii instrument dlia avtomatov i polуavtomatov. [Kuibyshev] Kuibyshevskoe knizhnoe izd-vo, 1961. 153 p.

Single-point end cutters. P.G. Khozeev. Mashinostroitel' no.1;27 Ja '62.

TSvis, IU.V. [Profiling generating hobs] Profilirovanie rezhushchego obkatnogo instrumenta. Moskva, Mashgiz, 1961. 155 p.

Use of sectional hobs. I.M. Stavitskii. Trakt.i sel'khozmash. 31 no.12;39-40 D '61.

METAL-CUTTING TOOLS—TECHNOLOGICAL INNOVATIONS
Modernization of metal-cutting equipment. M. A. Antsimova, G. D. Pekelis. Mashinostroitel' no. 1:13 Ja '62.

METALLIC OXIDES
Subsolidus structure and ternary compounds of the system CaO - ZrO_2 - SiO_2. R. A Kordiuk, N. V Gul'ko. Dokl. AN SSSR 142 no. 3:639-641 Ja '62.

METALLOGRAPHY
Materials for X-ray determination of metals and alloys. V. I. Mikheev, V. V. Semenov. Zap. LGI 38 no. 2:107-121 '61.
Methods of calculating the actual distribution ratio in directional crystallization. V. N. Vigdorovich, IU. P. Adler, V. V. Marychev. Izv. vys. ucheb. zav., tsvet. met 4 no. 3:108-114 '61.
The technique of determining the grain size from roentgenograms. M. N. Bodiako, S. A. Astapchik. Dokl. AN BSSR 5 no. 12:551-553 D '61.

METALLURGICAL PLANTS
(see also subdivision under China; Georgia; Leninogorsk; Magnitogorsk)
Air preheater for a cupola. G. M. Kuimov. Prom. energ. 15 no. 7:33-34 Jl '60.
Automatic control of thermal conditions in gas-fired reverberatory furnaces. Z. N. Getselev, E. IA. Rapoport. Mekh. i avtom. proizv. 16 no. 1:29-31 Ja '62.
Results of the studies of layer processes. V. V. Favorskii. Trudy Inst. energ. AN Kazakh. SSR 2:309-314 '60.
Resolutions of the party put into practice. V. A. Podzerko. Metallurg 7 no. 1:1-2 Ja '62.

METALLURGICAL PLANTS—ELECTRIC EQUIPMENT
Use of deep 110/6 kv. lead-in in nonferrous metallurgy enterprises. V. S. Smurov. Prom. energ. 15 no. 7:35-38 Jl '60.

METALLURGICAL PLANTS—EQUIPMENT AND SUPPLIES
see subdivision under Dnieper Valley

METALLURGICAL PLANTS—HEATING AND VENTILATION
Using models to make experimental studies of some problems of ventilating the metallurgy shop of a copper works. G. N. Es'kov. Sbor. trud. NIIST no. 7 134-141 '61.

METALLURGICAL PLANTS—LABOR PRODUCTIVITY
see subdivision under Moscow

METALLURGY
Beketov and modern metallurgy. A. I. Beliaev. Izv. vys ucheb. zav., tsvet. met 4 no. 3:153-154 '61.

METALLURGY—ABSTRACTS
[Metallurgy] Ref. zhur.: Met, no. 1 Ja '62.

METALLURGY—STANDARDS
Trends in the standardization in metallurgy. N. V. Matinshina. Standartizatsiia 26 no. 1:30-34 Ja '62.

METALS
(see also subdivision under Ufa Plateau)
Biruni's studies on the specific gravity of metals. A. M. Belenitskii. Krat. soob. Inst. nar. Azii no 44:59-66 '61.
Covalent metal refractions. S. S. Batsanov. Zhur. struk. khim. 2 no. 3:361-366 My-Je '61.
Thinning of metallic samples by electrolytic polishing for inspection by means of a transmission electron microscope. V. G. Kurdiumov, L. G. Orlov, M. P. Usikov. Zav. lab. 27 no. 12:1490-1494 '61.
Use of microdiffraction in the electron microscope study of metals. L. G. Orlov, M. P. Usikov, L. M. Utevskii. Zav. lab. 27 no. 12:1498-1490 '61.

METALS—ANALYSIS
Electrode polarization in the polarographic determination of antimony, bismuth, lead, and tin. N. A. Loktorskaia, P. N. Kovalenko. Uch. zap. RGU 41:95-105 '58.

METALS—BIBLIOGRAPHY see Bibliography—Metals

METALS—BRITTLENESS
Propagation of the smallest cracks. M. IA. Leonov, L. V. Onyshko. Nauch. zap. IMA AN URSR. Ser. mashinoved. 7 no. 7:16-25 '61.

METALS—FATIGUE
Theory of the fatigue strength. N. S. Akulov. Dokl. AN BSSR 5 no. 12:550 D '61.

METALS—HEAT TREATMENT
Zakharov, B. P. [Heat treatment specialist] Termist. Izd. 4. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 313 p.

METALS—HYDROGEN CONTENT
Kinetics of hydrogen absorption by titanium. A. E. Grodzinskii. Zhur. prikl. khim. 34 no. 12:2784-2786 D '61.

METALS—OPTICAL PROPERTIES
Sokolov, A. V. [Optical properties of metals] Opticheskie svoistva metallov. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 464 p.

METALS—PICKLING
Grilikhes, S. IA. [Preparation of machine part surfaces for electroplating] Podgotovka poverkhnosti detalei pered gal'vanicheskim pokrytiem. Pod red. P. M. Vlacheslavova. Izd. 2., dop. i perer. Moskva, Mashgiz, 78 p. (Bibliotechka gal'vanotekhnika, no. 1)

METALS—TESTING
Methods of measuring impact energy in testing metals for impact endurance. S. S. Efimakov, N. S Prodan. Zav. lab. 27 no. 12:1513-1514 '61.
Using radioactive tracers in investigating sulfur diffusion in metals. D. M. Voloshko, V. A. Chizh, L. P. Shchesno. Biul. nauch.-tekh. inform. VNITI no. 4/5:194-196 '58.

METALS, EFFECT OF RADIATION ON
Change in the modulus of elasticity and in microhardness following irradiation. I. G. Berzina, A. A. Botaki, P. A Savintsev. Izv. vys. ucheb. zav.; fiz. no. 6:30-34 '61.

METALS, RARE AND MINOR
Results of the parallel determination of the absolute age of rare-metal quartz-feldspar vein according to Ar^{40}/K^{40} and He^4/Th^{232}. L. V. Firsov. Biul. Kom. po opr. abs. vozr. geol. form. no. 4:81-86 '61.
Tauson, L. V. [Geochemistry of rare elements in granitoids] Geokhimiia redkikh elementov v granitoidakh. Moskva, Izd-vo Akad. nauk SSSR, 1961. 220 p.

METALS AT HIGH TEMPERATURES
Change in the structure-sensitive characteristic of barium titanate during its high-temperature phase transition I. A. Trifonov. Izv. vys. ucheb. zav.; fiz. no. 6 174-175 '61.

METALS AT LOW TEMPERATURES
Cold resistance of machinery and metal constructions. IU. N. Rabotnov. Vest. AN SSSR 32 no. 1:53-55 Ja '62.
Crystallization of supercooled binary alloys. D. S. Kamenetskaia, E. P. Rakhmenova, E. Z. Spektor. Dokl AN SSSR 142 no. 3 584-586 Ja '62.
Electric properties of thin nickel films at low temperatures [with summary in English]. O. S. Gaikina and others. Zhur. eksp. i teor. fiz. 41 no. 6:1763-1766 D '61.
Nature of the K-state in alloys. A. A. Gossman, V. S. L'vov. Izv. vys. ucheb. zav., chern. met. 4 no. 12:126-129 '61.

METALWORKERS—DISEASES AND HYGIENE
X-ray observations of osseous changes in the ungual phalanges of the hands in metal workers under the influence of vibration [with summary in English]. IU. G. Nazarov. Vest. rent. i rad. 36 no. 5:43-46 S-O '61.

METALWORKING LUBRICANTS
Automation of units supplying atomized fluid to cutting area. M. B. Gordon and others. Stan. i instr. 33 no. 2:30-31 F '62.
Klushin, M. I., ed. [Lubricating and cooling fluids and their use in cutting metals] Smazochno-okhlazhdaiushchie zhidkosti pri rezanii metallov i tekhnika ikh primeneniia. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 291 p.

METALWORKING MACHINERY—ELECTRIC DRIVING
Conditions governing the choice of the electric drives of forging and punching machines. V. I. Frolov. Prom. energ. 15 no. 7:41-45 Jl '60.

METAMORPHISM (GEOLOGY)
(see also subdivision under Kamchatka)
Chemistry of the natural carbonization process (metamorphism). K. P. Medvedev. Koks i khim. no. 8:9-13 '61.
Graph showing the development of hydrothermal ore-forming solutions. M. M. Konstantinov. Izv. AN SSSR. Ser. geol. 27 no. 1:95-96 Ja '62.

METASOMATISM
Conversion of chemical analyses of rocks in studying metasomatic processes. V. G. Bogolepov. Izv. AN SSSR. Ser. geol. 27 no. 1:99-106 Ja '62.

METASOMATITE see subdivision under Krivoy Rog Basin

METEORITES see subdivision under Podkamennaya Tunguska Valley

METEOROLOGICAL INSTRUMENTS—MODELS
Making models of meteorological instruments. IA. I. Kulan. Geog. v shkole 25 no. 1:56-57 Ja-F '62.

METEOROLOGICAL INSTRUMENTS—TESTING
Thermostat for testing the clock mechanisms of self-recorders. P. V. D'iachenko, V. A. Parnishchev. Trudy GGO no. 116:53-55 '61.

METEOROLOGICAL STATIONS
(see also subdivision under Atlantic Ocean)
Principles underlying efficient arrangement of a network of meteorological stations. L. S. Gandin. Trudy GGO no. 111:81-98 '61.

METEOROLOGY see subdivision under Antarctic regions
Compiling aeroclimatic characteristics of the boundary layer. P. A. Vorontsov. Trudy NIIAK no. 14:150-152 '61.
Interdaily variability of the tropopause height and temperature over the U. S. S. R. F. N. Stel'makh. Trudy NIIAK no. 14:69-75 '61.
Laikhman, D. L. [Physics of the atmospheric boundary layer] Fizika pogranichnogo sloia atmosfery. Leningrad, Gidrometeor. izd-vo, 1961. 252 p.
Method of determining aeroclimatic characteristics of the boundary layer and some specific features of their distribution over the European part of the U. S. S. R. during the warm period. N. A. Lazareva. Trudy NIIAK no. 14:143-149 '61.
Structure of the tropopause and determination of its mean characteristics over a period of many years. L. A. Kozakov. Trudy NIIAK no. 14:135-142 '61.
Using data of aeroclimatic reference books to derive new characteristics of the free atmosphere. L. A. Kozakov. Trudy NIIAK no. 14:130-134 '61.

METEOROLOGY—BIBLIOGRAPHY see Bibliography—Meteorology

METEOROLOGY—CHARTS, DIAGRAMS, ETC.
(see also subdivision under Soviet Central Asia)
Aerological maps for standard levels and the outlook for their use in synoptic meteorology and aeroclimatology. R. F. Usmanov. Trudy NIIAK no 14:153-156 '61.

METEOROLOGY—OBSERVATIONS see subdivision under Arctic regions

METEOROLOGY, AGRICULTURAL
Agrometeorological service for collective and state farms provided by the stations of the Hydrometeorological Service. V. F. Pokrovskaia. Meteor i gidrol no. 1. 41-43 Ja '62.
Evaluating methods of determining evaporation and other components of the water balance of farm fields. A. R. Konstantinov, O. V. Popov, V. F. Pushkarev. Trudy UkrNIGMI no. 30:19-30 '61.
Notes on the technique of measuring evaporation from farm fields. A. R. Konstantinov Trudy UkrNIGMI no. 30:31-40 '61.
Solar activity and its influence on the growth of trees and the state of forest stands in the central forest steppe of the Russian Plain. S. I. Kostin. Trudy GGO no. 111:108-117 '61.

METEOROLOGY, MARITIME
Activities of the Section of Navigational Oceanography. B. A. Filippov. Biul. Okean kom. no. 2:5-9 '61.

METEOROLOGY IN AERONAUTICS
Do not take a chance. D. Chulanov, V. Ozol. Kryl. rod. 13 no. 2:17 F '62.
Equivalent winds and their calculation. G. IA. Narovlianskii, S. V. Solonin. Trudy NIIAK no. 14:120-129 '61.
Studying geographical distribution of the probability of zones of increased turbulence affecting aircraft. M. V. Zavarina. Trudy NIIAK no. 14:49-58 '61.

METEORS—CATALOGS
Astapovich, I. S. [Fundamental catalog of meteor radiants of the 19th century] Osnovnoi katalog meteornykh radiantov XIX veka. Ashkhabad, Izd-vo Akad. nauk Turkmenskoi SSR, 1956. 104 p.

METERS, ELECTRIC see Electric meters

METHANE
Approximate method of calculating sorption isotherms of methane on coals. V. V. Khodot, M. F. IAnovskaia. Nauch. soob. Inst. gor. dela 4:54-61 '60.
Effect of pressure on the methane decomposition rate. A. A. Aniuonian, N. P. Volod'ko. Trudy VNIIGAZ no. 12:56-60 '61.
Effect of pressure, temperature, and composition on the induction period of igniting methane-oxygen mixtures. A. A. Aniuonian, S. F. Evlanov. Trudy VNIIGAZ no. 12:103-117 '61.
Kinetics of the expansion of a carbon surface at high-temperature methane decomposition. I. L. Mar'iasin, P. A. Tesner. Trudy VNIIGAZ no. 12:195-223 '61.
Preparation of 4-amino-4'-nitrodiphenylmethane. R. S. TSekhanskii. Izv. vys. ucheb. zav. khim. i khim. tekh. 4 no. 4:691-693 '61.
Relationship between the reactor products of incomplete methane oxidation and the oxidation rate. S. F. Gudkov. Trudy VNIIGAZ no. 12:116-124 '61.
Study of the effect of a wall surface on the incomplete methane oxidation. S. F. Gudkov. Trudy VNIIGAZ no. 12:125-132 '61.
Studying the black process in a diffusion flame of methane. E. IA. Rabinovich. Trudy VNIIGAZ no. 12:61-70 '61.
Studying the rate of thermal decomposition of methane on the surface of porous catalysts. G. V. Benevolenskaia, V. V. Kul'tsev. Trudy VNIIGAZ no. 12:71-90 '61.

METHANOL
Methanol vapor density at low temperatures. I. P. Usiukin, V. M. Shleinikov. Khim. prom. no. 1:65-66 Ja '62.

METHIONINE
Determining the content of methionine in blood serum and liver tissue fluid. N. V. Stefanovskaia Izv AN Turk. SSR. Ser. biol. nauk no. 6:75-78 '61.

METHOD OF STUDY see Study, Method of

METHYL GROUP
Kinetics of toluene demethylation in the presence of the excess of water over nickel catalysts. T. A. Slovokhotova and others. Izv. AN SSSR. Otd. khim. nauk no 1: 120-121 Ja '62

MIASKOVSKII, NIKOLAI IAKOVLEVICH, 1881-1950
Works of Miaskovskii resound. D. Blagoi Sov. muz. 25 no 8:92-93 Ag '61.

MICA—BIBLIOGRAPHY see Bibliography—Mica

MICA—TOXICOLOGY see subdivision under Irkutsk

MICHURINSK REGION—SECTS
Studying the present state of sectarianism in Michurinsk region. E. IA. Bograd. Vop. ist. rel. i ateiz. 9.113-143 '61.

MICROBIOLOGY
"In the world of invisibles." Reviewed by A. G. Gogoleva. Biol. v shkole no. 1:91-93 Ja-F '62.
Mikhailov, I. F., and S. I. D'iakov. [Fluorescence microscopy; application in medical microbiology] Liuminestsentnaia mikroskopiia, primenenie v meditsinskoi mikrobiologii Moskva, Medgiz, 1961. 222 p.

MICROBIOLOGY—CONGRESSES
First All-Union Congress of Epidemiologists, Microbiologists and Infectious Disease Specialists. V. V. Skvortsov. Biul. Uch. med. sov. 2 no 6:33-36 N-D '61.

MICROCHEMISTRY
Allmarin, I. P., and B. I. Frid. [Quantitative microchemical analysis of minerals and ores; laboratory manual] Kolichestvennyi mikrokhimicheskii analiz mineralov i rud, prakticheskoe rukovodstvo. Moskva, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1961. 399 p.

MICROCLIMATOLOGY see subdivision under Kuybyshev Reservoir region

MICROPHONE
Microphones for radiobroadcasting, sound amplification and sound recording. Radio no. 1 55-58 Ja '62

MICROWAVES
Certain problems concerning the theory of a symmetrical ring circulator. A. I. Germ. Radiotekh. i elektron. 7 no. 2:270-280 F '62.
Effect of a constant electric field on the initiation of an impulse microwave discharge in a gas. S. M. Levitskii, V. S. Gvozdetskii. Radiotekh. i elektron. 7 no. 1: 133-14 Ja '62.
Interaction of an electron stream with a microwave field in a wide plane gap with higher mode excitation. A. I. Kostienko, IU. A. Pirogov. Radiotekh. i elektron 7 no 2:332-338 F '62.
Microwave frequency multiplier with a high multiplication factor. V. A. Dianova and others Radiotekh. i elektron 7 no 2:348-349 F '62
Problem concerning the choice of transfinite systems for the amplification of space charge waves. L. V. Kasatkin, G. N. Rapoport. Radiotekh. i elektron. 7 no. 2: 347-348 F '62.
Short spin spectrum of waves in a ferrite sphere and rods. Siui IAn'-shen, [Hsu Yen-shên]. Radiotekh. i elektron. 7 no. 2:321-327 F '62.
Synthesis of nonhomogenous lines based on the solution of the inverse problem of Sturm-Liuville. O. N. Litvinenko, V. I. Soshnikov. Radiotekh. i elektron. 7 no. 1:169-170 Ja '62.

MICROWAVES—THERAPEUTIC USE
Medicinal use of microwaves (electromagnetic field of ultra-high frequency). L. A. Skurikhina. Vop. kur., fizioter. i fiech. fiz. kul't. 26 no. 4:338-346 Jl-Ag '61.

MIDDLE EAST see Near East

MIGRAINE
Treatment of migraine with the preparation Co No. 8. F. T. Abdukhakimov. Med. zhur Uzb. no. 6:22-24 Je '61.

MIKHAILOV, MIKHAIL LARIONOVICH, 1826-1865
Autobiographic information. IU. D. Levin. Lit. arkh. no. 6:198-202 '61.
Letters written by M. L. Mikhailov to V. R. Zotov and others. L. P. Klochkova, IU. D. Levin. Lit. arkh. no. 6:123-197 '61.

MIKHEEV, VIKTOR IVANOVICH, 1912-1956
In memory of Viktor Ivanovich Mikheev. I. Shafranovskii, N. N. Stulov, V. A. Moklevskii. Zap. LGI 38 no. 2:3-8 '61.
Review of the unpublished scientific works of V. I. Mikheev. N. N. Stulov. Zap. LGI 38 no. 2:9-25 '61.

MIKHEEV, VIKTOR IVANOVICH, 1912-1956—BIBLIOGRAPHY see Bibliography—Mikheev, Viktor Ivanovich, 1912-1956

MIKLUKHO-MAKLAI, NIKOLAI NIKOLAEVICH, 1846-1888
The art of the Papuans in the works of N. N. Miklukho-Maklai [with summary in English] V. R. Kabo. Sov. etn. no. 6:41-50 N-D '61

MILDEW see subdivision under Kazakhstan

MILI STEPPE see Kura Lowland

MILITARISM see subdivision under United States

MILITARY ARCHITECTURE
Characteristics of the construction of Bulgarian and Byzantine fortresses during the period of the development of feudalism. D. TSonchev. Viz. vrem. 18. 206-215 '61.

MILITARY ART AND SCIENCE
What the competition indicated. N. Ganotskii. Voen. vest. 41 no. 7:60-61 Jl '61
Zaitsov, A. A. [General staff duty] Sluzhba General'nogo Shtaba. New York, Izd-vo "Voennyi vestnik," 1961 209 p.

MILITARY ART AND SCIENCE—STUDY AND TEACHING
Answer to a letter to the editors. Tyl i snab. Sov. Voor. Sil 21 no. 12:46 D '61.

MILITARY BASES, AMERICAN see subdivision under Great Britain

MILITARY BRIDGES
Assembly of a bridge from authorized items of issue. I Kamenshchikov, S Shapovalov. Tyl i snab. Sov Voor. Sil 21 no 11 66-70 N '61.

MILITARY COMMUNICATIONS see Communications, Military

MILITARY COOKERY see Cookery, Military

MILITARY DISCIPLINE
Better methods of organizational, political, and educational work should help us to tighten military discipline. Komm. Vooruzh. Sil 2 no 3:36-38 F '62.
Ermokhin, M. M. [Encouragement and disciplinary penalties are means for the education of Soviet soldiers] Pooshchrenita i distsiplinarnye vzyskaniia - sredstva vospitaniia sovetskikh voinov Moskva, Voen. Izd-vo M-va oborony SSSR, 1961 58 p.
"Face-to-face with their friends." Reviewed by M. Tochkov. Komm. Vooruzh. Sil 2 no. 3:89-92 F '62.
[In the presence of public opinion] Pered litsom obshchestvennosti. Moskva, Voen. izd-vo M-va oborony SSSR, 1961. 255 p.
The most important thing. M. Sanachev. Sov. voin 43 no. 14:2-3 Jl '61.
We discuss a letter on "A great and true friendship." V. Babak. Sov. voin 43 no. 21:13 N '61.

MILITARY EDUCATION
About demonstration lessons. P. Kosenko. Voen. vest. 41 no. 7:59-60 Jl '61.
[All-Union Voluntary Society for Assistance to the Army, Air Force, and Navy] DOSAAF SSSR. Moskva, Izd-vo DOSAAF, 1958. 1 v. illus.
Combat training of small units. N. Sazhin. Voen. vest. 41 no. 9:59-61 S '61.
The commander sets an example. A. Goverukhin. Tyl i snab. Sov. Voor. Sil 21 no. 12:51-54 D '61.
Demonstration exercises and lessons. Voen. vest. 41 no. 7:56-57 Jl '61.
From lesson to lesson. N. Ezhov. Voen. vest. 41 no. 7:65-67 Jl '61.
An important form of military training is the exchange of advanced experience. N. Makarov. Tyl. i snab. Sov. Voor Sil 21 no. 11.27-31 N '61.
The lesson was instructive. V. Rakhotskii. Tyl i snab. Sov. Voor. Sil 21 no. 12:40-41 D '61.
Speak loudly about the experience of the best! Tyl i snab. Sov. Voor. Sil 21 no. 10:9-10 O '61.
Tactical exercise with cadets. V. Avlasenko, A. Rakitin. Voen. vest. 41 no. 7:52-55 Jl '61.
Training for movement on railroads. M. Sidakov, N. Khomenko. Voen. vest. 41 no. 9:61-63 S '61.

MILITARY EDUCATION—BIBLIOGRAPHY see Bibliography—Military education

MILITARY EDUCATION—EQUIPMENT AND SUPPLIES
Equipment and design of training classrooms. S. Mutsynov, N. Shevchenko. Voen. vest. 41 no. 9:73-76 S '61.

MILITARY EDUCATION—HANDBOOKS, MANUALS, ETC.
Training manuals. A. Morin. Voen. vest. 41 no. 9:66 S '61.

MILITARY ENGINEERING
Carry out engineer operations at high speeds. Voen. vest. 41 no. 9.88-90 S '61.
Mechanization is the basis of success. L. Bukhtin. Voen. vest. 41 no. 9:94-96 S '61.
Starikov, N. A. [Principles of mining deep-seated ore deposits] Osnovy razrabotki rudnykh mestorozhdenii na bol'shikh glubinakh. Kiev, Izd-vo Akad. nauk USSR, 1961 435 p

MILITARY FIELD ENGINEERING
Carry out engineer operations to the fullest extent. D. Koshelev. Voen. vest 41 no 7:90-92 Jl '61.
Engineering company operates at night. F. Khorin. Voen. vest. 41 no. 9:90-93 S '61.

MILITARY HYGIENE
Health education. M. F. Mikhalkevich, S. D. Belyi. Voen.-med. zhur no 7:84-85 Jl '61

MILITARY LAW
Russia. Laws, statutes, etc. ["Military articles" of Peter I; materials for the study of the state and law of the U. S. S. R.] Voinskie artikuly Petra I; materialy po izucheniiu istorii gosudarstva i prava SSSR. Moskva, 1960. 49 p.

MILITARY LIBRARIES
Closer to small units. V. Samsonov. Bibliotekar' no. 2: 42-43 F '62.
Forms prompted by practice. A. Nikitin. Bibliotekar' no 2,44 F '62.
Military section of a military commissariat. M. Bikkulov. Voen. vest. 41 no. 7:61 Jl '61.

MILITARY OFFENSES
Differentiation between military and general criminal offenses. N. Vasil'ev. Sots. zakon. 30 no. 1:52-54 Ja '62.
Some problems concerning the criminal responsibility of servicemen for violating the regulations on the use of and care for military equipment. Z. O. Ashitov. Uch. trudy Kazakh. gos. un. Ser. iur. no. 5:223-246 '59.

MILITATY POSTS
Complete the preparation of military housekeeping for winter. S. Kudriavtsev. Tyl i snab. Sov. Voor. Sil 21 no. 10:37-40 O '61.
Initiative decides the success of things. N. Aleksandrov. Tyl i snab. Sov. Voor. Sil 21 no. 10:40-43 O '61.

MILITARY RADIO see Radio, Military

MILITARY RECONNAISSANCE
Reconnaissance in a motorized rifle battalion. I. Zaitsev, N. Parshikov. Voen. vest. 41 no. 9:36-41 S '61.

MILITARY ROADS
Automobile road is restored. I. Chernov. Tyl. i snab. Sov. Voor. Sil 21 no 11:66-67 N '61.

MILITARY SHOOTING see Shooting, Military

MILITARY SURGERY see Surgery, Military

MILITARY TRANSPORTATION see Transportation, Military

MILITARY VEHICLES see Vehicles, Military

MILK
Lipatov, N. N. [Separation of milk] Separirovanie moloka. Moskva, Pishchepromizdat, 1960. 264 p. (DA)

MILK—COMPOSITION
Why don't we produce vitamin enriched milk? O. Volnik. Sov. torg. 35 no. 1:46 Ja '62.

MILK—COSTS
IArmolenka, M. M. [Ways for reducing costs in the production of meat and milk] Shliakhi znizhennia zatrat na vyivorchasts' miasa i malaka. Minsk, Dziarzh. vyd-va sel'skahaspadarchai lit-ry BSSR, 1961. 62 p.

MILK—MICROBIOLOGY
Investigating the centrifugal method for bacterial purification in tray purifiers. V. D. Surkov, N. N. Mizeretskii, S S Gurova. Izv. vys. uchab. zav., pishch tekh. no. 5: 84-91 '61

MILK AS FEED
Raising calves on dried buttermilk and skim milk [with summaries in English, German, and French]. I. P. Troshin, S. M. Kharitonova. Vest. sel'khoz. nauki 6 no. 11.52-55 N '61.

MILK VETCH see subdivision under Kopet-Dag

MILKY WAY
Distribution of classical cepheids and neutral hydrogen in the arms of the Galaxy. G. S. Badalian. Dokl. AN Arm. SSR 33 no. 4:165-167 '61.

MILLET
Siberian millet as a resource for forage production [with summaries in English, German, and French]. T. V. Grigorova. Vest. sel'khoz. nauki 6 no. 11:49-51 N '61.

MILLIKAN RAYS see Cosmic rays

MILLINERY
Hat fashions. A.Sul'kina. Mest.prom.i khud.promys. 2 no.7 36-37 Jl '61

MILLING MACHINERY
Automatic milling and cut-off machine. V.I.Mil'ko. Prom energ. 15 no.7:33 Jl '60.
Further improvement of anthracite culm grinding ball mills. P.I.Kiselev and others Elek sta 32 no.12: 2-5 D '61.
Prevention of dust formation in shaft mills. V.T.Klevchishkin. Energetik 9 no.12:15 D '61.

MILLING MACHINES
Automation of a milling and trimming machine. V.A Rusin Mashinostroitel' no 1 11 Ja '62
Gaps in feed-mechanism drives of heavy plano-milling machines A.F.Mushtaev Stan.i instr 33 no.2: 11-16 F '62

MILLIVOLTMETER
MPP-054 and MPShchPr-54 millivoltmeters. Prom. Arm. 4 no.11:41-42 N '61

MINE DRAINAGE
(see also subdivision under Krivoy Rog Basin)
Automation of drainage systems with low voltage electric motors. V.M Lepikhov, E.I Polevodin. Ugol' Ukr. 5 no.7:34-36 Jl '61
Hydrogeological calculations for draining deposits mined by the open-pit method. I.E.Zhernov. Nauch.zap. Ukrniiproekta no.2:39-64 '60.

MINE DUSTS
Conference on the problem of dust control in pits. V.S. Nikitin. Nauch.soob.Inst.gor.dela 5:131-133 '60.
Dry method of dust control in connection with the operation of coal cutter-loaders. V.P.Fokin, S.V. Arovet. Ugol' Ukr. 5 no.7:39 Jl '61.

MINE DUSTS—REMOVAL
Search for efficient means of removing floating dust from air. V.I.Uskov. Nauch.soob.Inst.gor.dela 5:113-119 '60.

MINE FILLING
Use of scraper units for gobbing up. G.F.Liubenko. Ugol' Ukr. 5 no.7:32-33 Jl '61.

MINE GASES
Lidin, G.D., and others. [Controlling accumulations of methane in coal mines] Bor'ba so skoplenliami metana v ugol'nykh shakhtakh Moskva, Gos.nauchno-tekhn izd-vo lit-ry po gornomu delu, 1961. 140 p.

MINE HAULAGE
(see also subdivision under Kustanay Province; Kuznetsk Basin; Nikopol' region, Dnepropetrovsk Province; United States)
Efficient combination of mine transportation equipment. S.S.Skorykh. Izv.vys.ucheb.zav.;gor.zhur. no 11: 32-35 '61.

MINE HOISTING
(see also subdivision under Kizel Basin)
Brovman, IA.V. [Planning, designing and manufacturing headframes] Nadshakhtnye kopry; proektirovanie, rashchet i konstruktsiia. [Moskva.] Gos.nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 238 p.
Kinematics and dynamics of mine hoists with three-dimensional hydraulic transmissions. IU.F.Ponomarenko. Nauch.soob.Inst.gor.dela 7.114-121 '61.
Theoretical bases for designing a standard series of multirope mine hoists. V.S.Tulin. Izv.vys.ucheb zav.;gor.zhur. no.11:138-150 '61.

MINE HOISTING—SAFETY APPLIANCES
Depth indicator for hoisting machinery with friction pulleys. A.T.Kniazev, A.I.Vinnik. Bezop.truda v prom. 5 no.12:21-22 D '61.

MINE INSPECTION see subdivision under Vorkuta

MINE LIGHTING
Incandescent lamps for portable lighting fixtures in mines. Svetotekhnika 8 no.1:32 Ja '62.

MINE PUMPS
Use of pumps with a high number of revolutions per minute for pumping water out of mines and shafts. V.S.Zviagin, Izv.vys.ucheb.zav.;gor.zhur. no.11: 124-130 '61.

MINE SURVEYING
(see also subdivision under Krivoy Rog Basin)
Hypsometric construction of layers with concordant dip. A.S.Gluzbar, Izv.vys.ucheb.zav.;gor.zhur. no.11: 55-57 '61.
Rodionov, L.E. [Observations on the displacement of rocks in mine surveying; second lecture for students specializing in mine surveying] Markscheiderskie nabliudenia za sdvizheniem gornykh porod; lektsiia vtoraia dlia studentov spetsial'nosti "Markscheiderskoe delo." Moskva, Gos.izd-vo "Vysshaia shkola," 1960. 39 p.

Sarser, A.I. [Surveying in mine building] Markscheiderskie raboty pri stroitel'stve shakht. Moskva, Gos nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961 87 p.
Trofimov, A.A. [Mine surveying and geometrization of mineral resources] Markscheiderskoe delo i geometrizatsiia nedr, rukovodstvo po laboratornym rabotam. Moskva, Gos nauchno-tekhn izd-vo lit-ry po gornomu delu, 1961 144 p

MINE SURVEYING—EQUIPMENT AND SUPPLIES
Innovations in an obsolete field. P.V.Puninskii. Izv. vys.ucheb.zav.;gor.zhur. no.11:176-179 '61.

MINE TIMBERING
(see also subdivision under Moscow Basin)
Calculation of spherical bearing surfaces of a prop support I.A.Zakutskii, IU.M.Liberman, K.V Ruppeneit Nauch.soob.Inst.gor.dela 4:89-96 '60
Interaction of loose rocks and fencing supports. A.I. Burtsev. Izv.vys.ucheb.zav.;gor.zhur. no 11:36-42 '61.

MINE VALUATION see subdivision under Donets Basin

MINE VENTILATION
(see also subdivision under Donets Basin; Zyryanovsk District)
Aerodynamic resistance of semirigid ventilation air ducts. N.A.Bogomolov, V.N.Opryshko. Shor.trud. Inst.gor.dela AN URSR no.7:96-104 '61.
Bodiagin, M.N. [Mine ventilation] Provetrivanie shakht. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po gornomu delu, 1961. 230 p.
Calculation of air pollution in pits with a recirculation ventilation system. V.S Nikitin. Nauch.soob.Inst. gor.dela 4:67-73 '60.
Comments on M.A.Krainikov's article "Air analysis for gas content and ventilation control in mines." P.I Kokorin, B.G.Tarasov. Bezop.truda v prom. 5 no.12:23-26 D '61.
Creating a system for ventilating a section with controlled leaks. A.F.Vozlianov. Shor.trud.Inst.gor. dela AN URSR no.7:140-154 '61.
Efficient utilization of electric power for mine ventilation. G.N.Maksimov, M.P.Ivanchenko. Prom.energ 16 no.7:5-8 Jl '61.
Investigating the possibility of ventilating uprise shafts through boreholes. E.N.Bakharushin. Izv.vys.ucheb. zav., tsvet.met. 4 no.3:19-21 '61.
Kremenchutskii, N.E. [Ventilation of coal mines] Provetrivanie ugol'nykh shakht. Moskva, Gos.nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 239 p.
Measuring the productivity and pressure of mine ventilation systems. O.M.Shchukina. Shor.trud.Inst.gor. dela AN URSR no.7:105-115 '61.
New systems and apparatus of automatic control of mine ventilation units. A.A.Selivra. Shor.trud.Inst. gor.dela AN URSR no.7:116-126 '61
Steadiness of the parallel operation of mine fans. V.S.Pak. Shor.trud.Inst.gor.dela AN URSR no.7:25-45 '61.
Unsteady air flow in mines. A.D.Bagrinovskii. Nauch. soob Inst.gor.dela 4:62-66 '60.

MINE WATER
Construction of an underwater protective cushion. L.L. Shishov, S.A.Bernshtein. Ugol' Ukr. 5 no.7 28-30 Jl '61.
Trupak, N.G. [Ways of controlling water during shaft sinking in potash and salt mines] Sposoby bor'by s vodoi na kaliinykh i solianykh rudnikakh pri prokhodke stvolov. Moskva, Gos.nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 319 p.

MINE WATER—PURIFICATION
Hydraulic cyclone for purifying mine water. G.M. Teniakov. Bezop.truda v prom. 5 no.12:20-21 D '61.

MINERAL AGGREGATES see Aggregates (Building materials)

MINERAL INDUSTRIES—LABOR PRODUCTIVITY see subdivision under Kadzharan

MINERAL WATERS
(see also subdivision under Azerbaijan; Borzhomi District; Chartak; Dzhermuk; Goryachiy Klyuch; Siberia, Eastern; Tashkent; Ukraine)
Importance of the temperature factor in drinking mineral waters. V.M.Kopytin, V.M.Deriabina. Vop.kur., fizioter.i lech.fiz.kul't. 24 no.6:521-524 N-D '59.
Treatment of chronic gastritis and peptic ulcer with Saki mineral water. S.I.Sushko, M.A.Gressel'. Voen.-med.zhur. no.7:81 Jl '61.

MINERAL WATERS—ANALYSIS
Broadening M.G.Kurlov's formula for representing mineral water analyses. Z.N.Blumshtein. Vop.kur., fizioter.i lech.fiz.kul't. 26 no.6:554 N-D '61.
New variant of Kurlov's formula. I.L.Melamed. Vop. kur.fizioter.i lech.fiz.kul't. 26 no.6:551-553 N-D '61.

MINERAL WATERS—PHYSIOLOGICAL EFFECT
(see also subdivision under Abkhazia; Borzhomi District; Broznik; Bulgaria; Semigor'ye; Sirab, Nakhichevan A.S.S.R.)
Critical evaluation of the methods for studying the effect of mineral waters on the secretory function of the digestive glands. I.I.Lucinikova. Vop kur., fizioter., i lech.fiz.kul't. 26 no.6 486-490 N-D '61
MINERAL WATERS, ARTIFICIAL
Studies of the effect of artificial hydrogen sulfide baths on processes of absorption from the knee joint cavity. Vop.kur.,fizioter.i lech.fiz.kul't. 26 no.6 532-534 N-D '61
MINERAL WATERS, SULFUROUS
Changes in the allergy test under the influence of hydrogen sulfide baths in polyarthritis of nonspecific etiology S.Kalandarov Zdrav.Tadzh 6 no 5:10-13 S-O '61
MINERALOGICAL CHEMISTRY
Alimarin, I.P., and D.I. Frid. [Quantitative microchemical analysis of minerals and ores; laboratory manual] Kolichestvennyi mikrokhimicheskii analiz mineralov i rud, prakticheskoe rukovodstvo. Moskva, Gos.nauchno-tekhn.izd-vo khim.lit-ry, 1961, 399 p.
Experimental and theoretical studies of the filtration effect. Report No 1: Different filtration rate of cations and anions. V.A.Zharikov, T.N.Diuzhikova, E.M. Maksakova. Izv.AN SSSR,Ser.geol. 27 no.1:41-65 Ja '62.
MINERALOGY see subdivision under Transbaikalia
MINERALOGY, DETERMINATIVE
Geological and mineralogical characteristics of a standard sample for systematic studies of absolute age determination. T.K.Kozhina Biul.Kom.po opr. abs.vozr.geol.form. no.4:6-19 '61.
MINERALOGY, DETERMINATIVE—GRAPHIC METHODS
Use of triangular diagrams for the determination of ore dressing indices. N.P Zhukovskii, A.S Petrov. Obog.rud. 6 no.5:26-31 '61.
MINERALS—ANALYSIS
Use of structural etching for identifying some oxidated zinc minerals S.A Uzhko, I.T.Aleksandrova Trudy MGRI 37 106-110 '61
MINERALS—ELECTRIC PROPERTIES
Using polonium 210 for separating minerals in a flow of ions caused by alpha rays. I.N.Plinksin, L.P. Starchik Izv.vys.ucheb.zav.;gor.zhur. no.11:162-166 '61.
MINERALS IN SOIL
(see also subdivision under Sivash region)
Some characteristics of salts and water soluble organic substances in the Chernozem soils under perennial grasses. S.F Karaban, Nauch.trudy Ukr.nauch.-issl. inst.pochv 5:160-169 '61.
MINERALS IN THE BODY
Effect of pregnancy on the content of silicon, aluminum and titanium in the liver and blood flowing from the liver in experiments on angiostomized dogs (with summary in English). V.R.Soroka, I.P.Grebennikov. Biul.eksp.biol.i med. 52 no.8:82-84 Ag '61.
Twenty four hour rhythm of excretion of microelements with the urine [with summary in English]. I.V.Sabadash, V.R.Soroka. Biul.eksp.biol.i med. 52 no.8: 84-86 Ag '61.
MINERS—DISEASES AND HYGIENE
(see also subdivision under
Effectiveness of the compou dystrophic polyarthritis in [illegible] Health Resort at various seasons of the year. I.A. Karchegina and others. Vop.kur.,fizioter.i lech.fiz. kul't. 24 no.6:503-506 N-D '59.
MINERS IN LITERATURE AND ART see subdivision under Great Britain
MINES AND MINERAL RESOURCES
(see also subdivision under Azov, Sea of; Kazakhstan)
Five bases. S.M. Meleshkin. Ogonek 40 no.3:2-3 Ja '62.
MINGECHAUR RESERVOIR—PARASITES
Characteristics of the formation of the parasite fauna of fishes in Mingechaur Reservoir. T.K. Mikhailov. Izv. AN Azerb.SSR,Ser.biol.i med.nauk no.10:67-74 '61.
MINGRELIA—CAVES
Results of speleological investigations in Odishi (western Georgia). L.N.Maruashvili. Soob.AN Gruz.SSR 27 no.4:411-416 O '61.
MINIATURE PAINTING
The oldest ethnological drawings in Russia; table from a 17th century manuscript collection. G.G.Gromov. Sov.etn. no.5:134-139 S-O '61.
MINIATURE PAINTING, MOHAMMEDAN see subdivision under Soviet Central Asia

MINING ENGINEERING
(see also subdivision under Donets Basin)
Determining efficient parameters of cutting rocks from the working face. L. B. Glatman. Nauch. soob. Inst. gor. dela 7:96-104 '61.

M. V. Lomonosov as the founder of mining engineering in Russia. Izv. vys. ucheb. zav. ;gor. zhur. no. 11:3-6 '61.

Present status of and prospects for the development of open-pit and underground mining methods and equipment. S. S. Panchev. Vzryv. delo no. 46/3:5-9 '61.

Reworking ore deposits. L. I. Baron. Nauch. soob. Inst. gor. dela 7:29-44 '61.

Scientific and methodological principles of laboratory tests in mining engineering. L. I. Baron. Nauch. soob. Inst. gor. dela 5:108-112 '60.

Steps of the over-all mechanization. V. Sosnov. Sov. shakht. 11 no. 2:4-6 F '62.

MINING ENGINEERING—ABSTRACTS
[Mining] Ref. zhur. Gor. delo no. 1 Ja '62. Predmetnyi ukazatel' za 1960 g.

MINING ENGINEERING—DICTIONARIES
Outline of foreign language-Russian mining dictionaries. L. I. Baron, N. N. Ershov. Nauch. soob. Inst. gor. dela 6:129-137 '60.

MINING ENGINEERING—STUDY AND TEACHING
Some features of the work in the correspondence course "Mining Machinery" with students specializing in mining electromechanics. K. V. Liutarevich, R. P. Rzhonidkovskii. Izv. vys. ucheb. zav. ,gor. zhur. no. 11:173-175 '61.

MINING MACHINERY
(see also subdivision under Uzbekistan)
Coordinating conference for setting up drive types for vibrating machines. I. F. Goncharevich. Nauch. soob. Inst. gor. dela 4:128-130 '60.

Evaluating the operating efficiency of cutters of cutter-loaders. B. M. Logantsev. Nauch. soob. Inst. gor. dela 7:93-97 '61.

Experimental design of the cutter of a stoping cutter-loader. A. F. Kichigin and others. Izv. vys. ucheb. zav. ; gor. zhur. no. 11:91-94 '61.

Increasing the life of mining machinery by using turbine gears. A. V. Tekhmishian. Nauch. soob. Inst. gor. dela 4:116-122 '60.

Osetskii, V. M. [Some problems in the theory of parachutes and similar self-braking mechanisms] Nekotorye voprosy teorii shakhtnykh parashiutov i analogichnykh mekhanizmov, obtadaiushchikh samotormozheniem. Moskva, M-vo vysshego i srednego spetsial'nogo obrazovaniia RSFSR, 1959. 69 p. [MICROFILM]

Some problems relative to the creation and use of highly productive continuous earthmoving and haulage equipment for open pits. M. M. Zherbin. Nauch. zap. Ukrnilproekta no. 2:3-18 '60.

Study of the milling of sandstone with a single milling cutter. Z. N. Alekhova. Nauch. soob. Inst. gor. dela 5:64-74 '60.

MINING MACHINERY—PNEUMATIC DRIVING
Calculation of the operating characteristics of herring-bone pneumatic drives for mining machines. V. M. Semenov. Nauch. soob. Inst. gor. dela 4:109-115 '60.

MINING MACHINERY—TESTING
Study of the cutting of rock salt with a disk cutter. I. V. Ostroukhov. Nauch. soob. Inst. gor. dela 4:78-88 '60.

MINING RESEARCH see subdivision under Ukraine

MINOR PLANETS see Planets, Minor

MINORITIES see subdivision under China

MINSK—AUTOMOBILE INDUSTRY
Danilovich, V. A. [Dzmitryi Barashkin, a steel maker] Stalliavar Dzmitryi Barashkin. Minsk, Dziarzh. vyd-va BSSR. Red. masava-palitychnaia lit-ry, 1961. 45 p. (Nashi suchasniki)

Our workers think. Barys Usiainau. Belarus' 19 no. 1:13-14 Ja '62.

MINSK—BEARING INDUSTRY
An automated workshop. Ul. Bialiaeu. Belarus' 19 no. 1:8 Ja '62.

MINSK—CLOTHING INDUSTRY
Store and dressmaking shop. G. Artem'eva. Sov. torg. 35 no. 2:27-30 F '62.

MINSK—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK
Mazhelka, M. A. [This proves our conciousness and strength] Dokaz nashai chystsini i siły. Minsk, Dziarzh. vyd-va BSSR Red. masava-palit. lit-ry, 1961. 55 p. (Z vopytu partyinai raboty)

MINSK—DISORDERLY CONDUCT
In a police station. Uladzimir Korban. Belarus' 19 no. 1:27-28 Ja '62.

MINSK—ECONOMIC POLICY
"Minsk in the seven-year plan" by V. Sharapau. Reviewed by V. Danilevich. Belarus' 19 no. 1:28 Ja '62.

MINSK—EFFICIENCY, INDUSTRIAL
For technological progress. E. Danenkov. Komsom. zhizn' no. 14:24-25 Jl '61.

MINSK—MUSIC HALLS (VARIETY THEATERS, CABARETS, ETC.)
Excellent variety shows. H. Baravy. Belarus' 19 no. 1:14 Ja '62.

MINSK—RETAIL TRADE
They are not on the staff. P. Sugako. Sov. torg. 35 no. 2:39-40 F '62.

MINSK—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS
[The party underground in Minsk during the Great Patriotic War, June 1941-July 1944] O partiinom podpol'e v Minske v gody Velikoi Otechestvennoi voiny; iiun' 1941 - iiul' 1944 gg. Minsk, Gos. izd-vo BSSR, Red. sotsial'no-ekon. lit-ry, 1961. 88 p.

MINSK DISTRICT—LOESS
Lovygin, N. I. [Problems of using the loess soil in Minsk District as foundations under the footings of buildings and structures] Voprosy ispol'zovantia lessovidnykh gruntov raiona Minska v kachestve osnovanii fundamentov zdanii i sooruzhenii. Minsk, Redaktsionno-izdatel'skii otdel Belorusskogo politekhn. in-ta im. I. V. Stalina, 1960. 58 p.

MINSK PROVINCE—WORKS COUNCILS
Glebov, F. V. [Headquarters of workers' initiative; from the work practice of regular production conferences] Shtab rabochei initsiativy; iz opyta raboty postoiannoe deistvuiushchikh proizvodstvennykh soveshchanii. Minsk, Gos. izd-vo BSSR, Red. massovo-polit. lit-ry, 1961. 28 p.

MINSK REGION—BOTANY
Kozlovskaia, N. Y. [Spring plants in the Minsk region] Vesennie rastenila okrestnostei Minska. Minsk, Izd-vo M-va vysshego, srednego spetsial'nogo i professional'nogo obrazovanila BSSR, 1961. 50 p.

MIRACLES
Dauksaa, K. [Miracles in the light of science] Stebuklai mokslo svieseje. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 30 p. [In Lithuanian]

MIRGALIMSAY—LEAD MINES AND MINING—SAFETY MEASURES
Prevent stope area roof caving in Mirgalimsay Mines. B. I. Lastovetskii, K. Sh. Utepov. Bezop. truda v prom. 6 no. 12:5-7 D '61.

MIRMEKION—SCYTHIAN ANTIQUITIES
Lion's head from the Mirmekion excavations. N. Grach. Soob. Gos. Erm. no. 20:48-50 '61.

MIRNYY REGION, ANTARCTICA—METEOROLOGY
Aerological characteristics of atmospheric structure over Mirnyy. T. A. TSitovich, R. A. Zagudaeva. Probl. Arkt. i Antarkt. no. 9:37-44 '61.

MIRONOVKA—HEALTH RESORTS, WATERING PLACES, ETC.
Treatment of nervous system diseases with radon water at Mironovka Health Resort. D. I. Proniv. Vop. kur., fizioter. i lech. fiz. kul't. 26 no. 4:352-354 Jl-Ag '61.

MIROSHNICHENKO, GRIGORII IL'ICH
"Siege of Azov"; a novel by Grigorii Miroshnichenko. Reviewed by G. Moiseeva. Neva no. 7:194-196 '61.

MISCONDUCT IN OFFICE
Do away with the maladministration of Soviet enterprises. I. Mikhailov. Sots. zakon. 38 no. 12:18-20 D '61.
We should do away with misconduct in office and punish the offenders regardless of their position. T. Shipovich. Sots. zakon. 38 no. 12:20-31 D '61.

MISSED LABOR see Pregnancy, Protracted

MISSIONS
(see also subdivision under Africa)
"The history of Christian missionary work" [in Swedish] by Knut B. Westman, Harald von Sicard. Reviewed by G. Anokhin. Sov. etn. no. 5:189-193 S-O '61.

MISTEK, CZECHOSLOVAKIA—ROLLING MILLS
Assistance of friends. K. Vilen. NTO 4 no. 1:52-53 Ja '62.

MITINA, NINA ZAKHAROVNA, 1907-1959
N. Z. Mitina; obituary. G. Balashova, N. D'iakonova. Soob. Gos. Erm. no. 20:78 '61.

MIT[illegible]—CAT[illegible]
[illegible]

MITRAL VALVE—DISEASES
Clinical and X-ray parallels in rheumatic defect and insufficiency of the mitral valve in children. M. M. Deeva. Pediatriia no. 1:63-67 '62.

Phenomenon of the interference of diastolic murmur with the first tone in mitral stenosis. E. S. Sigal' Klin. med. no. 1:135-139 '62.

Prevention of thromboembolic complications in the surgical treatment of mitral defect [with summary in English]. F. G. Uglov, L. V. Potashov. Vest. khir. no. 7:3-10 '61.

Surgical treatment of mitral, aortic and tricuspid stenosis [with summary in English]. S. A. Kolesnikov and others. Vest. khir. no. 5:3-10 '61.

Systolic murmur in mitral vitium cordis [with summary in English]. V. I. Mastiuk, I. I. Sivkov, N. L. Astrebtsova. Kardiologiia 1 no. 6:81-89 N-D '61.

MITRAL VALVE—SURGERY
Commissurotomy in mitral stenosis in the presence of a rheumatic process [with summary in English]. I. I. Sivkov, V. A. Spasskaia. Sov. med. 25 no. 6:70-77 Je '61.

Simpozium po tekhnike mitral'not komissurotomii, 1st, Moscow, 1960. [Technic of mitral commissurotomy; transactions of the First Symposium on the Technic of Mitral Commissurotomy, Moscow, 1960] Tekhnika mitral'not komissurotomii; trudy. Moskva, In-t grudnoi khirurgii, 1960. 96 p. (DNLM)

Some details of the technic for mobilizing the folds of the mitral valve with reference to the state of the subvalvular apparatus. N. V. Putov. Vest. khir. no. 5:10-17 '61.

MIXING
Dependence of the reaction rate on the nature of interacting substances and on the degree of conversion during mechanical mixing. N. N. Smirnov, I. S. Pavlushenko, P. G. Romankov. Zhur. prikl. khim. 35 no. 1:90-95 Ja '62.

MODELS AND MODELMAKING
School of wonders. IU. Krasov, I. Saltykov. Iun. tekh. 5 no. 7:26-29 Jl '61.

MOGILEV PROVINCE—BANKS AND BANKING—ACCOUNTING
Useful measures. N. Artemenko. Den. i kred. 20 no. 1:66-68 Ja '62.

MOGILEV PROVINCE—OFFENSES AGAINST SOCIALIST PROPERTY
Mogilev Province should intensify the struggle against the pilfering of socialist property. A. Tuminskii. Sots. zakon. 39 no. 1:44-46 Ja '61.

MOGILEV PROVINCE—RETAIL TRADE—FINANCE
First results of an experimental procedure for issuing credit to trade organizations. I. Vasilevskii. Den. i kred. 20 no. 1:21-26 Ja '62.

MOGILEV PROVINCE—RICE—IRRIGATION
Furthering rice cultivation in recently irrigated areas. A. P. Dzhulai. Zemledelie 23 no. 12:27-34 D '61.

MOHAMMEDANISM
All-Russian Conference on Survivals of the Religion of Islam and Ways of Overcoming Them. A. A. Abilov, S. M. Gadzhiev. Nauch. dokl. vys. shkoly: filos. nauki 4 no. 3:183-186 '61.

MOHOLE PROJECT
Boring of the bottom of the Pacific Ocean and the Mohole Project. O. V. Kol'man. Okeanologiia 1 no. 6:1103 '61.

MOISTURE—MEASUREMENT
Methods for an automatic and rapid measurement of moisture content in solid fuel. B. M. Ravich. Izm. tekh. no. 12:57-60 D '61.

MOLASSES
Costs of sugar manufactured from molasses by the dry lime separation method. M. M. Khristenko. Trudy KTIPP no. 23:37-45 '60.

Molasses forming coefficient of nonsugars produced from clarified beet juice. P. M. Silin. Sakh. prom. 35 no. 11:11-13 N '61.

Utilization of molasses waste from distilleries. V. N. Rybachuk. Trudy KTIPP no. 23:19-31 '60.

MOLASSES—ANALYSIS
Improved rapid method for determining volatile acids in sugar beet molasses. L. G. Notkina, E. M. Zapara, M. G. Golubchik. Khleb. i kond. prom. 5 no. 12:36-38 D '61.

Investigation of saturated molasses of sugar factories. G. T. Demidenko. Sakh. prom. 35 no. 12:31-33 D '61.

MOLDAVIA—BUDGET
Putting into practice Lenin's principles of democratic centralism and the nationalities policy in the budget system of the Moldavian S. S. R. L. M. Chelysheva. Uch. zap. Kish. un. 53:128-142 '61.

MOLDAVIA—COLLECTIVE FARMS—INTERFARM COOPERATION

Improving collective farm production and problems in the financial and administrative operations of inter-collective farm construction organizations. I. G. Proskurin. Uch. zap. Kish. un. 53:175-183 '61.

MOLDAVIA—CONSTRUCTION INDUSTRY—FINANCE

Develop credit relations with intercollective farm building organizations. L. Krumarovskii and others. Den. i kred. 20 no. 1:27-39 Ja '62.

Improving collective farm production and problems in the financial and administrative operations of inter-collective farm construction organizations. I. G. Proskurin. Uch. zap. Kish. un. 53:175-183 '61.

MOLDAVIA—FOOD INDUSTRY—COSTS

Cutting down expenditures for raw materials is a decisive factor in reducing production costs in the food industry. A. G. Elfimov, G. G. Faizullin. Uch. zap. Kish. un 53: 35-45 '61.

MOLDAVIA—INDUSTRIES

Oils and fats industry of the Moldavian S. S. R. V. K. Kukla. Masl.-zhir. prom 27 no. 11:6-9 N '61.

MOLDAVIA—IRON

Correct establishment of norms is an important means for the efficient use of metal. A. G. Elfimova. Uch. zap. Kish. un. 53:21-33 '61.

MOLDAVIA—LEATHER INDUSTRY—COSTS

Problems in the economics and technological development of the leather industry in Moldavia. M. M Zarkhin. Uch. zap. Kish. un. 53:143-152 '61.

MOLDAVIA—MANUFACTURES

Correct establishment of norms is an important means for the efficient use of metal. A. G. Elfimova. Uch zap. Kish. un. 53:21-33 '61.

MOLDAVIA—MEAT INDUSTRY

Ways to use the production funds of the meat industry in Moldavia more efficiently. G. IA. Goloseev. Uch. zap. Kish. un. 53:165-173 '61.

MOLDAVIA—MUNICIPAL SERVICES

The Moldavian S. S. R. Zhil.-kom. khoz. 11 no. 10:30 O '61.

MOLDAVIA—PAYMENT

Simplifying and improving the payment system in the national economy. S. M. Finkel'. Uch. zap. Kish. un. 53:125-128 '61.

MOLDAVIA—PRODUCTION STANDARDS

On the practicability of norms. G. IA. Goloseev, B. L. IAkerson. Uch. zap. Kish. un. 53:153-164 '61.

MOLDAVIA—PUBLIC HEALTH, RURAL

Organization of medical service for rural areas of the Moldavian S. S. R. [with summary in English]. M. IA. Gekhtman. Sov. zdrav. 20 no. 7:63-66 '61.

"Some organizational forms in the rural public health system of the Moldavian S. S. R. " by M. IA. Gekhtman and others. Reviewed by I. B. Rostotskii. Sov. zdrav. 20 no. 7:63-65 '61.

MOLDAVIA—RELATIONS (GENERAL) WITH RUSSIA

Mokhov, N. A. [Studies on the history of Moldavian relations with Russia and the Ukraine from the ancient period to the early 19th century] Ocherki istorii moldavsko-russko-ukrainskikh sviazei; s drevneishikh vremen do nachala XIX veka. Kishinev, Izd-vo "Shtiintsa," 1961. 212 p.

MOLDAVIA—SLAVIC ANTIQUITIES

Work of the Prut-Dniester Expedition in 1960. G. B. Fedorov. Krat. soob. Inst. arkheol. no. 90:78-86 '61.

MOLDAVIA—STEEL

Correct establishment of norms is an important means for the efficient use of metal. A. G. Elfimova. Uch. zap. Kish. un. 53:21-33 '61.

MOLDAVIA—SUGAR INDUSTRY

Eliminating disproportions between the raw material base and productive capacities in the sugar industry of the Moldavian S. S. R. G. S. Oparina. Uch. zap. Kish. un. 53:185-198 '61.

Workers of the Moldavian sugar industry celebrated the 22d Congress of the CPSU with suitable achievements. Sakh. prom. 35 no. 12:0-10 D '61.

MOLDAVIA—SUGAR INDUSTRY—FINANCE

Raise the effectiveness of capital investment in the sugar industry of the Moldavian S. S. R. S. I. Podgaets, Z. N. Pamieieeva, A. I. Litvinenko. Sakh. prom. 35 no. 12: 44-45 D '61.

MOLDAVIA—WINE AND WINE MAKING—ACCOUNTING

Characteristics of the analysis of the financial statements of wine industry enterprises. M. Z. Vaisman. Uch. zap. Kish. un. 53:15-20 '61.

MOLDAVIAN DIALECT—DICTIONARIES—RUSSIAN

Akademiia nauk Moldavskoi SSR. Institut iazyka i literatury. [Moldavian-Russian dictionary. 40,000 words] Moldavsko-russkii slovar'. 40 000 slov. Moskva, Gos. izd-vo inostr. i natsional'nykh slovarei, 1961. 777 p.

MOLDING (FOUNDING)

Capillary interaction of the metal and the molding materials. V. A. Chechulin, G. I. Bolarshinov. Izv. vys. ucheb. zav., chern. met. 4 no. 12:149-156 '61.

MOLDING (PLASTICS) see Plastics—Molding

MOLDINGS

Plastic strip moldings for structural purposes. L. Makarian. Prom. Arm. 4 no. 11:61-63 N '61.

MOLDINO—COLLECTIVE FARMS

Dawn over Moldino. IA. Fomenko. Ogonek 40 no. 6: 8-11 F '62.

MOLE (DERMATOLOGY)

Materials for the study of the hydatidiform mole. G. G Ermakova. Akush i gin no. 5 81-86 '61

MOLECULAR ASSOCIATION

Photodissociation of molecules as a means of obtaining a medium with a negative coefficient of absorption. S. G. Rautian, I. I. Sobel'man. Zhur. eksp. i teor. fiz. 41 no. 6:2018-2020 D '61

MOLECULAR ROTATION

Excitation of molecular rotation behind a shock wave. N. V. Krivtsova, IU. P. Lun'kin. Zhur tekh fiz. 32 no 1 68-75 Ja '62.

MOLECULAR SPECTRA

Kiseev, P. S., and E. V. Zagorianskaia. [Molecular spectrum analysis] Molekuliarnyi spektral'nyi analiz. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 142 p.

MOLECULAR WEIGHTS

Polydispersity and extent of branching of high pressure polyethylene studied by the light scattering method. L. F. Shalneva, N. M. Domareva. Plast massy no. 9: 10-15 '61.

MOLECULES

Gur'ev, M. V. [Dissociation of large molecules under electronic impact; author's resumé of a dissertation for the degree of Candidate of Chemical Science] Dissotsiatsiia krupnykh molekul pri elektronnom udare; avtoreferat dissertatsii predstavlennoi na soiskanie uchenoi stepeni kandidata khimicheskikh nauk. Moskva, Gos. komitet Soveta Ministrov SSSR po khimii, 1959. 9 p.

[MICROFILM]

High precision analysis of electron-diffraction data on the structural parameters of molecules in the gaseous phase. N. G. Rambidi, P. A. Akishin. Zhur. strukt. khim. 2 no. 3:251-259 My-Je '61.

Substantiation for the decomposition of the π-electron energy of aromatic condensed molecules into bonds in various versions of the simplest molecular orbital method. N. F. Stepanov, V. M. Tatevskii. Vest. Mosk. un. Ser. 2:Khim. 17 no. 1:26-29 Ja-F '62.

MOLLUSKS

Accumulation of radioactive phosphorus by some fresh-water mollusks. E. I. Popova. Trudy Komi fil. AN SSSR no. 9:53-60 '60.

MOLYBDENITE

Vapor pressure and dissociation pressure of molybdenite. R. A. Isakova. Izv. AN Kazakh SSR. Ser. met., obog. i ogneup. no. 3:3-10 '61.

MOLYBDENUM

Sorption of molybdenum by activated charcoals and anion exchangers. I. A. Kuzin, T. G. Plachenov, V. P. Tsushkanov. Zhur. prikl. khim. 34 no. 11:2426-2430 N '61.

MOLYBDENUM—METALLOGRAPHY

Investigating the polygonization of molybdenum by high temperature metallography. M. G. Lozinskii, M. L. Bernshtein, T. V. Vershinskaia. Metalloved. i term. obr. met. no. 1:57-64 Ja '62.

MOLYBDENUM—PHYSIOLOGICAL EFFECT

Molybdenum action on an animal. E. M. Malevannaia. Vrach. delo no. 12:121-124 D '61.

MOLYBDENUM-IRON ALLOYS

Determination of tin in ferromolybdenum. E. V. Silaeva, V. I. Kurbatova. Zav. lab. 27 no. 12:1462-1464 '61.

MOLYBDENUM ORES see subdivision under Transcaucasia

MOLYBDENUM OXIDES

The reaction of reduction chlorination of lead molybdate and molybdenum trioxide. I. A. Glukhov, L. M. Shalukhina. Dokl. AN Tadzh. SSR 4 no. 4:19-23 '61.

MONEY

(see also subdivision under United States)

Anniversary of the new Soviet ruble. Den. i kred. 2 no. 1:3-7 Ja '62

First exponent of the theory of money in Russia. L. I dukhovich. Den i kred. 20 no. 1 89-91 Ja '62.

Verba, P. I. [Soviet ruble] Sovetskii rubl'. [Khar'kov Khar'kovskoe knizhnoe izd-vo, 1960. 38 p.

MONGOLIA—AGRICULTURE

Development of agriculture in the Mongolian People's Republic. G. S. Matveeva. Krat. soob. inst nar. Azii no. 59 32-35 '61.

MONGOLIA—AGRICULTURE, COOPERATIVE

Present and future of an agricultural cooperative soc Sovr Mong. 6 no. 9 15-16 S '61.

MONGOLIA—ARCHAEOLOGICAL SURVEYING

Cooperation between Mongolian and German archaeol gists. Sovr. Mong. 6 no 9 18 S '61

MONGOLIA—COMMUNICATION AND TRAFFIC

Development of industry, transportation and commun tion in the Mongolian People's Republic; survey. K soob. Inst. nar Azii no. 59:36-45 '61.

Transport and communications in our country. Sovr. Mong 6 no 9:9-11 S '61

MONGOLIA—COMMUNIST YOUTH LEAGUE

Revolutionary Union of Youth is a true assistant of th party. Sovr. Mong 6 no. 9:12-13 S '61.

MONGOLIA—ECONOMIC CONDITIONS

Fortieth anniversary of the Mongolian national revol V. P. Mol.komm. no. 7:85-86 Jl '61.

The importance of cooperation with socialist countrie for the development of the economy of the Mongolia People's Republic. L. M. Gataullina. Krat. soob. In nar. Azii no. 59:15-31 '61.

MONGOLIA—EDUCATION, RURAL

Rural teacher. Sovr. Mong. 6 no. 9:3-4 S '61.

MONGOLIA—FOREIGN ECONOMIC RELATIONS—CO MUNIST COUNTRIES

The importance of cooperation with socialist countrie for the development of the economy of the Mongolia People's Republic L. M. Gataullina Krat. soob In nar. Azii no. 59:15-31 '61.

MONGOLIA—GREISEN

Greisens of eastern Mongolia and some characteristi of their genesis. A. D. Kalenov. Izv. AN SSSR. Ser geol. 27 no. 2:37-48 F '62.

MONGOLIA—HISTORY

Goncharov, P. F. [Victory of the Great October Social Revolution and the rise of the national liberation mo ment in the countries of Asia from 1917 to 1923; the examples of China, Mongolia, and Korea] Pobeda Velikoi Oktiabr'skoi sotsialisticheskoi revoliutsii i pod"em natsional'no-osvoboditel'nogo dvizhenila v stranakh Azii v 1917-1923 gg.; na primere Kitaia, Mongolii, Korei. Moskva, Vses. turid. zaochnyi in-t 1960. 56 p.

MONGOLIA—ICHNEUMON FLIES

Study of the braconid fauna (Hymenoptera, Braconida of Siberia, the Far East, and Mongolia. V. I. Tobias Izv. Sib. otd. AN SSSR no. 11:121-129 '61.

MONGOLIA—INDUSTRIES

Development of industry, transportation and communi tion in the Mongolian People's Republic, survey Kr soob. Inst. nar. Azii no. 59:36-45 '61.

MONGOLIA—POSTAGE STAMPS

Postage stamps. Sovr. Mong. 6 no. 9:23 S '61.

MONGOLIA—RETAIL TRADE

Tasks of the development of trade. Sovr. Mong. 6 n 17 S '61.

MONGOLIA—THEATER

Traditions of the Mongolian operatic art. Sovr. Mong. no. 9:19-20 S '61.

MONGOLIA—UNIVERSITIES AND COLLEGES

In the state university. Sovr. Mong. 6 no. 9:2 S '61

MONGOLIA—VETERINARY MEDICINE

Veterinary service in our land. Sovr. Mong. 6 no. 9 S '61.

MONGOLS

The Tangut title of "Dja-gambu kereit." IU. N. Rerikh Krat. soob. Inst. nar. Azii no. 44:41-44 '61.

MONILIASIS

Candidiasis in Botkin's disease. E. A. Sadokova. Ter arkh. 33 no. 10:71-75 '61.

A little bit about many things. Znan. sila 37 no. 1:30 '62.

MONINO—TEXTILE WORKERS

E. P. Medvedeva, loom operator of the Monino Woolen and Worsted Combine IU D Masenko. Tekst prom 21 no. 5 61-63 My '61

MONONUCLEOSIS

Clinical characteristics of Filatov's disease (infectious mononucleosis) from data of recent years [with summary in English]. S. IA. Flekser. Vop. okh mat. i det 6 no. 6, 38-44 Ag '61

Listeriosis in newborn infants M. D. Ageichenko, IU V Gul'kevich. Arkh pat no 1 17-23 '62

MONROE DOCTRINE

Doctrine of aggression. G Shakhov. Mezhdunar. zhizn' 9 no. 2 127-128 F '62.

MONSOONS

(see also subdivision under India)

Brief survey of works on the characteristics of monsoons completed in Russia and the U. S. S. R. O. A. Drozdov, O. G. Sorochan Trudy GGO no 111 49-63 '61.

Seasonal characteristics of moisture transfer in temperate latitudes of Asia during the period of winter monsoons. O. G. Sorochan. Trudy GGO no 111 64-70 '61.

MORAL EDUCATION

(see also subdivision under Murmansk Province)

Development of moral habits. L. M Es'kina. Doshk. vosp. 35 no. 1:53-57 Ja '62

Let's bring up the new man of a communist society. Nar. obr. no. 1:1-7 Ja '62.

Moral consciousness of the fighters for communism. V Efimov Mol komm. no 10 38-45 O '61

MORALE

Calculation of the morale factor. P. Galochkin. Voen. vest. 41 no. 7:41-44 Jl '61.

Ermokhin, M. M. [Encouragement and disciplinary penalties are means for the education of Soviet soldiers] Pooshchrenita i distsiplinarnye vzyskaniia - sredstva vospitaniia sovetskikh voinov. Moskva, Voen. izd-vo M-va oborony SSSR, 1961. 58 p

MORPHINE

Effect of the action of analeptics on respiration against the background of morphine, medinal and urethane application [with summary in English]. T. V. Raspopova. Farm. i toks. 24 no. 3:276-279 My-Je '61.

MORPHOLOGY

Further problems in the development of morphological research in the medical colleges of the R. S. F. S. R. V. G. Eliseev. Biul. Uch. med. sov 2 no. 6:12-16 N-D '61.

MORSE, WAYNE LYMAN, 1900-

Hamlet from the state of Oregon. D. Zaslavskii. Nov. vrem 20 no 6:16-17 F '62.

MORTARS (ORDNANCE)

Neutralization of unilluminated targets with mortar fire. N. Netuzhilov. Voen. vest. 41 no. 7:113-115 Jl '61.

MOSAICS

Mosaics of Bir-el-Gutt and Pitsunda. L. A. Matsulevich. Viz. vrem. 19:138-143 '61.

MOSCOW

Put out all flags for our guests. V. Rozumnevich. Komsom. zhizn' no. 14 5-7 Jl '61.

MOSCOW—AMATEUR THEATRICALS

Virgin soil. Serafima Birman. Teatr 22 no. 8:168-170 Ag '61.

MOSCOW—APARTMENT HOUSES

We are improving conditions. M. Reznikov. Zhil.-kom. khoz. 11 no. 10:27 O '61.

MOSCOW—APARTMENT HOUSES—MAINTENANCE AND REPAIR

Kotodel, A. P. [Major repair of an apartment house] Kapital'nyi remont zhilogo doma, [Moskva] Mosk. rabochii, 1961. 67 p.

Story about two Communist Youth League members. M. Blank. Zhil.-kom. khoz. 11 no. 10:26 O '61

MOSCOW—AUTOMOBILE RACING

Automobile racing on the Luzhniki Ring. O. Chirkin. Avt. transp. 40 no. 1:57 Ja '62.

MOSCOW—BALLET

Joyful acquaintance. E. Bocharnikova. Sov. muz. 26 no 1. 57-60 Ja '62.

MOSCOW—BEARING INDUSTRY

Russia (1917- R. S. F. S. R.) Moskovskii gorodskoi ekonomicheskii administrativnyi raion. Sovet narodnogo khoziaistva. [Over-all automation and modernization of equipment and production processes at the First State Bearing Plant] Kompleksnaia avtomatizatsiia i modernizatsiia oborudovaniia i protsessov proizvodstva na Pervom gosudarstvennom podshipnikovom zavode. Moskva, TSentr. biuro tekhn. informatsii, 1959. 84 p. [MICROFILM]

MOSCOW—BUILDING

In the Executive Committee of the Moscow Soviet. Stroi. i arkhit Mosk. 9 no. 9:43 S '61

MOSCOW—BUILDING—TECHNOLOGICAL INNOVATIONS

By German Lamochkin's method; that is how teams of communist labor assemble completely precast apartment houses D Gurevich. Stroi i arkhit Mosk. 9 no 9:39-42 S '61

Striving for technical progress. N. Pashchenko. Stroi. i arkhit Mosk 9 no 9 21-27 S '61

MOSCOW—BUILDING MATERIALS INDUSTRY

From the 21st to the 22d Congress of the CPSU, development of the building materials and parts industry in Moscow. A Etmekdzhian Stroi i arkhit Mosk 9 no 9:30-31 S '61

MOSCOW—CARTOGRAPHY—STUDY AND TEACHING

Reorganization of higher education at the Moscow Institute for Engineers in Geodesy, Aerial Photography, and Cartography based on the law of the strengthening of ties between school and life and further development of the system of popular education in the U. S. S. R. P. S Zakatov. Izv vys ucheb zav., geod i aerof. no 4 3-7 '61.

MOSCOW—CERAMIC INDUSTRIES

Reznikov, M. E. [Beacons are lighting everywhere] Maiaki zazhigaiutsia vsiudu. [Moskva] Mosk. rabochii, 1961. 40 p. (Novatory semiletki)

MOSCOW—CHAMBER ORCHESTRA

Evening in honor of the composer, V Zak. Sov. muz. 26 no. 1. 102-103 Ja '62.

Well done by the Barshai ensemble. Florestan. Sov. muz. 26 no. 8:96-98 Ag '61

MOSCOW—CHILDREN'S CLUBS

The most important thing. V. Vykhodtseva. Zhil.-kom. khoz. 11 no 10 14-15 O '61

MOSCOW—CHILDREN'S PLAYS

"Children come to the theater" by Natalilia Sats. Reviewed by I. Rapoport. Teatr 23 no. 2:166-167 Ja '62.

MOSCOW—CHORAL SOCIETIES

Bach and Handel. G. P. Sov. muz. 25 no. 8:98 Ag '61.

New choral music. Klavdii Ptitsa. Sov. muz. 25 no 12: 97-98 D '61.

MOSCOW—CIRCUS

Unique. Boris Privalov. Ogonek 40 no. 2:22-23 Ja '62.

MOSCOW—CITY PLANNING

Along the wide thoroughfare. E Mushkina. Ogonek 40 no. 4 22-23 Ja '62.

New stage in the planning and construction of Moscow. M Posokhin Stroi i arkhit Mosk 9 no 9:15-18 S '61.

Polelaev, V. E. [On the road to a new Moscow; the beginning of the modernization of the capital, 1917-1935] Na putiakh k novoi Moskve; nachalo rekonstruktsii stolitsy, 1917-1935. Moskva, Izd-vo Akad. nauk SSSR, 1961. 168 p.

To the north of the capital; birth of new residential districts V Andreev, M Liutov Stroi i arkhit Mosk. 9 no 9:18-22 S '61

MOSCOW—CLOCKMAKING AND WATCHMAKING

They work like communists should. N. Travnikov, N. Vetchinin NTO 4 no. 1:20-24 Ja '62.

MOSCOW—CLOTHING INDUSTRY—LABOR PRODUCTIVITY

People have changed. V. Nepomniashchii. Mest. prom. i khud. promys. 2 no. 7-9-11 Jl '61.

MOSCOW—COLD STORAGE WAREHOUSES

New building of the Moscow Cold Storage Plant No. 9. M. G Dik. Khol tekh 38 no. 6:40-44 N-D '61.

MOSCOW—COLLEGE THEATER

International and of students... V. Staroverov. Kul't. i zhizn' 5 no. 8:30-31 '61.

MOSCOW—COMMUNIST YOUTH LEAGUE

Instruments do not stop operating. V. Serov. Komsom. zhizn' no. 13-14-16 Jl '61.

MOSCOW—COMMUNITY LIFE

Pennant of "Ogonek" changes its address. G. Kulikovskaia. Ogonek 40 no. 6:4-5 F '62.

MOSCOW—CONSTRUCTION INDUSTRY

From the 21st to the 22d Congress of the CPSU; development of the building materials and parts industry in Moscow. A Etmekdzhian. Stroi. i arkhit. Mosk. 9 no. 9:30-34 S '61.

Let's work and live on the level of the tasks established by the Party. Stroi. i arkhit. Mosk. 9 no. 9:3-5 S '61.

Polelaev, V. E. [On the road to a new Moscow; the beginning of the modernization of the capital, 1917-1935] Na putiakh k novoi Moskve; nachalo rekonstruktsii stolitsy, 1917-1935. Moskva, Izd-vo Akad. nauk SSSR, 1961. 168 p.

MOSCOW—CONSTRUCTION INDUSTRY—FINANCE

Ways to improve business accounting in the organizations of transportation construction M. Shraibman. Ekon. stroi no 12 42-44 D '61

MOSCOW—COSTS, INDUSTRIAL

Ivanushkin, A. P., and T. G. Pavlov. [Uncovering hidden potentialities for reducing production costs] Vylavlenie rezervov snizhenita sebestoimosti produktsii Pod obshchei red L. A. Leont'eva. [Moskva] Mosk. rabochii, 1961. 55 p. (Osnovy ekonomicheskikh znanii - kazhdomu rabochemu)

MOSCOW—DAIRY PRODUCTS—MARKETING

To serve a larger number of people. N. Fedorov. Sov. torg. 35 no. 1:26-27 Ja '62.

MOSCOW—EDUCATION, COOPERATIVE

Correspondence institute cooperates with a plant. N R. Izakov. Vest vys shkoly 20 no 1 65-67 Ja '62.

MOSCOW—ELECTRIC INDUSTRIES—LABOR PRODUCTIVITY

Among the foremost. A. Sivakov. Mest. prom. i khud. promys. 2 no 7 5 Jl '61.

MOSCOW—ENSEMBLES (MUSIC)

Three Russian folk choruses. A. Koposov. Sov. muz. 25 no 12 98-101 D '61.

MOSCOW—ENSEMBLES (MUSIC), BASHKIR

Bashkir folk-dance ensemble. N. Shumskaia. Sov. muz. 25 no. 12:104-106 D '61.

MOSCOW—ENSEMBLES (MUSIC), CHUVASH

On Chuvash music. G. Shantyr'. Sov. muz. 25 no. 8: 93-91 Ag '61.

MOSCOW—EVENING AND CONTINUATION SCHOOLS

Marching into communism..... Vech. sred. shkola 4 no. 6:88-90 N-D '61.

MOSCOW—EXHIBITION BUILDINGS

New exhibition pavilion in "Sokol'niki" Park. E. Dzhavelidze, M. Fedorov. Stroi. i arkhit. Mosk. 9 no. 9: 35-38 S '61.

MOSCOW—EXHIBITIONS

At the exhibition of engines. A. Smirnagina. Nauka i zhizn' 28 no. 10:97 O '61.

At the Moscow Exhibition of New Building Technology. Stroitel' no. 11:28-29 N '61.

Built in Moscow. Radio no. 2:9-10 F '62.

Collaboration of labor and science. M. Marchukova. Sov. voin 43 no. 14:20-21 Jl '61.

Contribution of the radio amateurs to the seven-year plan. Radio no 1. 14-15 Ja '62.

Exhibition and seminar on the use of refrigeration in the fishing industry Khol. tekh. 38 no. 6 62-63 N-D '61.

Exhibition "Corn, the most valuable food plant." M. D. Burman. Sakh. prom. 35 no. 12:57-58 D '61.

Exhibition of testing and measuring, and regulating instruments manufactured in East Germany. M. Kh. Shliomovich, M. Sh. Kapnik. Izm. tekh. no. 12:56-57 D '61.

Forthcoming models of motor-vehicle engines at the Exhibition of the Achievements of the National Economy of the U. S. S. R. Avt. transp. 39 no. 12:20-21 D '61.

French National Exhibition in Moscow of 1961. I. P. Lepeshkin. Sakh prom. 35 no. 11 29 N '61.

In the pavilions of the "Construction" division of the Exhibition of Achievements of the Soviet National Economy. I. Shaporin. Ekon stroi. no. 11:63 N '61.

Moscow. Vystavka dostizhenii narodnogo khoziaistva SSSR. Pavil'on "Elektrifikatsiia SSSR." [Display of an 800 kv. d. c. power transmission line in the Pavilion "Electrification of the U. S. S. R."] Linita elektroperedachi postoiannogo toka 800 kv. Stalingradskaia GES - Donbass. Moskva, M-vo stroit. elektrostantsii SSSR [1959] 6 p.

[MICROFILM]

New equipment for motion picture photography and projection at the Exhibition of Achievements of the National Economy of the U. S. S. R. Tekh. kino i televi. 6 no. 1: 93-95 Ja '62.

New exhibits at the Exhibition of the Achievements of the National Economy of the U. S. S. R. NTO 4 no. 1:46-47 Ja '62.

Plastics at the British Industry and Trade Exhibition in Moscow. G. O. Tatevosian. Plast. massy no. 9:74-77 '61.

Refrigerating machinery at the British trade and industrial exhibition in Moscow. Khol. tekh. 38 no. 4:70-73 Jl-Ag '61.

Results of the review of "Children's clothing and footwear of the new collections." I. Irger, V. Khodosova. Kozh.-obuv. prom. 3 no. 12:33-34 D '61.

MOSCOW—FIRE EXTINCTION—SOCIETIES, ETC.

Every third worker is a volunteer fireman. V. Kudriashov. Pozh. delo 8 no. 1:6 Ja '62.

MOSCOW—FURNITURE—EXHIBITIONS

Large selection of good quality furniture. G. Shklovskaia. Sov. torg. 35 no. 2:35-38 F '62.

MOSCOW—HAIRDRESSING

Moscow - Berlin. Zhil.-kom.khoz. 11 no.10 11 O'61.

MOSCOW—HOSPITALS—OUTPATIENT SERVICES

Dispensary care of patients with chronic diseases [with summary in English]. A. G. Sarkisov, IA. S. Braginskii. Sov. zdrav. 20 no. 8,47-53 '61.

MOSCOW—HOSPITALS, MILITARY

History of the application of physical methods of treatment at the Burdenko Main Military Hospital, on the 250th anniversary of the hospital. IU K. Mirotvortsev, P. K. Shaposhnikov. Vop. kur. fizioter. i lech. fiz. kul't 26 no 6 547-550 N-D '61.

MOSCOW—HOTELS, TAVERNS, ETC.

Hotel "Unost'." P. Volodin. Stroi. i arkhit. Mosk. 9 no. 9:28-30 S '61.

MOSCOW—HOUSING

Alaverdian, S. K. [Housing question in Moscow; essays on the pre-revolutionary period] Zhilishchnyi vopros v Moskve, ocherki predrevoliutsionnogo perioda. Pod red. A. A. Arakeliana. Erevan, Izd-vo Akad. nauk Armianskoi SSR, 1961. 109 p.

MOSCOW—INDUSTRIAL MUSEUMS

Center of technical progress. P. G. Kudelin. Kul't. i zhizn' 6 no. 1:33-35 '62.

MOSCOW—KREMLIN

Electric lighting of the Hall of Congresses in the Kremlin. A. A. Kliuev, L. A. TSiperman. Svetotekhnika 8 no 1. 1-3 Ja '62.

A new pearl in the old Kremlin. E. Vladimirov. NTO 4 no. 1:33-35 Ja '62.

Outdoor and architectural lighting of the Hall of Congresses in the Kremlin. N. V. Gorbachev, V. M. TSar'kov. Svetotekhnika 8 no. 1:18-24 Ja '62.

MOSCOW—LABOR AND LABORING CLASSES—EDUCATION

They continue to study, secondary school education for every worker. M. Revun. Mest. prom. i khud. promys. 2 no. 7-14 Jl '61.

MOSCOW—LEATHER GOODS

Achievements of the efficiency promoters of a leather goods factory. V. IA. Zablotskaia, M. S. Mitsenmakher. Kozh.-obuv prom. 3 no. 11 37-39 N '61.

MOSCOW—LEATHER INDUSTRY

From the practices of Moscow leather factories. D. E. Glagolev. Kozh.-obuv. prom. 3 no. 11.10-11 N '61.

MOSCOW—LIBRARIES

The Moscow Public Library in the course of its conversion to a center of bibliography from 1917 to 1941. B. A. Smirnova. Sov. bibl. no. 6:30-48 '61.

MOSCOW—METALLURGICAL PLANTS—LABOR PRODUCTIVITY

Neighbors help each other. E. Chibisov. Mest. prom. i khud. promys. 2 no. 7-2-3 Jl '61.

MOSCOW—MOTION-PICTURE FESTIVALS

The artist and the times. Mykhailo Blokhvats'kyi. Mystetstvo 8 no. 6:18-19 N-D '61.

Eye to eye. Sergei Gerasimov. Isk. kino no. 7:3-5 Jl '61.

Long live the Moscow tradition! A. Karaganov. Isk. kino no. 7-1-2 Jl '61.

Your opinion? Livia Cilei and others. Isk. kino no. 7: 25-30 Jl '61.

MOSCOW—MOTION-PICTURE THEATERS

"Rossiia" motion-picture theater on Pushkin Square. A. Riabyshin. Stroi. i arkhit. Mosk. 9 no. 9:10-14 S '61.

What the audience does not see.... I. Ogloblin. Znan. sila 36 no 12:20-21 D '61.

MOSCOW—MOTOR VEHICLES—MAINTENANCE AND REPAIR

Our motto is a perfect quality. A. Khitavich. Avt. transp. 40 no 1:7-8 Ja '62.

MOSCOW—MUSIC HALLS (VARIETY THEATERS, CABARETS, ETC.)

At the vaudeville club. IA. Platek, L. Grigor'ev. Sov. muz. 25 no. 8:111-114 Ag '61.

MOSCOW—OPERA

By a big account. A. Medvedev, E. Svetlanov. Sov. muz. 25 no. 12:49-54 D '61.

"Get to love the three oranges!" E. Dobrynina. Sov. muz. 25 no. 8:86-89 Ag '61.

Meierkhol'd presents "Queen of spades." E. Kaplan. Sov. muz. 25 no. 8:50-65 Ag '61.

"Whirlpool" in Moscow. L. Poliakova. Sov. muz. 26 no. 1:44-49 Ja '62.

MOSCOW—OPERETTA

Departure from the conquered. T. Shaverdian. Sov. muz. 26 no. 1:49-54 Ja '62.

MOSCOW—PAINTINGS, ETHIOPIAN—EXHIBITIONS

Exhibition of contemporary Ethiopian paintings. M. Rait. Sov. etn no 5 151-157 S-O '61.

MOSCOW—PIANISTS

Students of Moscow University perform. Nami Mikoian. Sov. muz 25 no 12 103-104 D '61

MOSCOW—POULTRY HOUSES AND EQUIPMENT

Mobile poultry coops. L. Tverskoi. Mest. prom. i khud. promys. 2 no. 7-22 Jl '61.

MOSCOW—PUBLIC HEALTH

Some public health problems in the Greater Moscow Region [with summary in English] N. S. Lapchenko Sov. zdrav. 20 no. 8:3-8 '61.

MOSCOW—QUALITY CONTROL

Gorbunov, V. A. [Patriotic initiative of Muscovites; struggle for the improvement of the quality and durability of industrial products] Patrioticheskii pochin moskvichei; bor'ba za povyshenie kachestva i nadezhnosti promyshlennoi produktsii. [Moskva] Mosk. rabochii, 1961. 66 p. (V pomoshch' agitatoru i propagandistu)

MOSCOW—RECREATION AREAS

Moscow's recreation areas. Otv. za vop. trud. no. 2-2-8 '61.

MOSCOW—RETAIL TRADE

How we sell general consumers' goods. V. Nikitin. Sov. torg. 35 no. 2-23-26 F '62.

MOSCOW—SELF-SERVICE STORES

Rebuilding a self-service store. L. Samsonov. Sov. torg. 35 no. 1:33-35 Ja '62.

MOSCOW—SHOE INDUSTRY

Comfortable, beautiful, and modern. V. Ivanov, V. Stepanova. Sov. torg. 35 no. 1:20-33 Ja '62.

MOSCOW—SINGERS

Repertoire of singers has been refreshed. Georgii Poliakovskii. Sov. muz. 25 no 12 101-103 D '61.

MOSCOW—SINGING

Encounters with songs. S. Borisova. Sov. muz. 26 no. 1: 97-100 Ja '62

MOSCOW—SOCIAL MEDICINE

Family doctor. G. Alova. Nauka i zhizn' 28 no. 10:104-106 O '61

MOSCOW—SOCIALIST COMPETITION

Captives of formalism. E. Trotlakov. Mest. prom. i khud. promys. 2 no. 7:19 Jl '61.

Gorbunov, V. A. [Patriotic initiative of Muscovites; struggle for the improvement of the quality and durability of industrial products] Patrioticheskii pochin moskvichei; bor'ba za povyshenie kachestva i nadezhnosti promyshlennoi produktsii. [Moskva] Mosk. rabochii, 1961. 66 p. (V pomoshch' agitatoru i propagandistu)

Reznikov, M. E. [Beacons are lighting everywhere] Maiaki zazhigaiutsia vsiudu. [Moskva] Mosk. rabochii, 1961. 40 p. (Novatory semiletki)

MOSCOW—STRING QUARTET

The Juilliard Quartet. B. Dobrokhotov. Sov. muz. 25 no. 12. 106-107 D '61.

MOSCOW—STUDENTS, FOREIGN

International and of students... V. Staroverov. Kul't. i zhizn' 5 no. 8:30-31 '61.

MOSCOW—SURVEYING—STUDY AND TEACHING

Reorganization of higher education at the Moscow Institute for Engineers in Geodesy, Aerial Photography, and Cartography based on the law of the strengthening of ties between school and life and further development of the system of popular education in the U. S. S. R. P. S. Zakatov. Izv. vys. ucheb. zav.; geod. i aerof. no 4, 3-7 '61.

MOSCOW—SYMPHONY ORCHESTRAS

Polish conductor. Nikolai Anosov. Sov. muz. 25 no. 8: 94-95 Ag '61.

MOSCOW—TEACHERS, TRAINING OF

Seminar for class advisers. L. A. Agranovskaia. Vech. sred. shkola 4 no. 6:90 N-D '61.

MOSCOW—THEATER

"Antaeus." N. Gromov. Teatr 23 no. 1:113-115 Ja '62.

"Chairman." I. Roshchina. Teatr 23 no. 1:110-112 Ja '62.

For the household. N. Krymova. Teatr 23 no. 1: 147-154 Ja '62.

"Kasa mare." M. Turovskaia. Teatr 22 no. 8:108-111 Ag '61.

"The married woman cook." Leonid Lench. Teatr 23 no. 1:112-113 Ja '62.

"My friend." Pavel Novitskii. Teatr 23 no. 1:117-119 Ja '62.

"Pigs' tails." R. Kiechetova. Teatr 22 no. 8:116-117 Ag '61.

"The poachers." N. Gromov. Teatr 22 no. 8:113-115 Ag '61.

"Ramaiana" on the Moscow stage. Dkhisham Sakhni. Kul't. i zhizn' 6 no. 1:32 '62.

"Russian forest." Nina Velekhova. Teatr 22 no. 8: 106-108 Ag '61.

"Teresa's birthday." IU. Nekhoroshev. Teatr 23 no. 1: 115-117 Ja '62.

Three performances by the Ermolova Theater. IU. Nekhoroshev. Teatr 22 no. 8:91-99 Ag '61

"Vasilii Terkin." G. Dubasov. Teatr 22 no. 8:108-109 Ag '61

"Vernal thunder." IU. Zubkov. Teatr 23 no. 1:108-110 Ja '62.

MOSCOW—TOY INDUSTRY

Buratino chooses a friend. T. Troitskaia. Ogonek 40 no. 1 27-29 Ja '62.

MOSCOW—TRANSPORTATION, AUTOMOTIVE

Work tomorrow better than today. B. Tarshis. Avt. transp. 40 no. 1:9 Ja '62.

MOSCOW—TROLLEY BUSES

Zoia Glachenko in at the wheel. T. Nikolaeva. Zhil.-kom. khoz. 11 no. 10:16 O '61

MOSCOW—TURKISH STUDIES

From the history of Turkish studies in the Lazarevskii Institute. A. P. Bazilants. Krat. soob. Inst. nar. Azii no 40:103-119 '61

MOSCOW—UNIVERSITIES AND COLLEGES

An account of Moscow's Friendship University by an African student. Joseph A. Fondem. Nov. vrem. 20 no 8:20-21 F '62.

MOSCOW—WALLPAPER

We need a variety of wallpapers. A. Vakulov. Sov. torg. 35 no. 2:40-41 F '62.

MOSCOW—WORLD WAR, 1939-1945

The strength of the Moscow Home Guard. K. A. Belov. Ist. arkh. 7 no. 3 248-251 My-Je '61.

MOSCOW, BATTLE OF, 1941-1942

Akademiia nauk SSSR. Institut istorii. [The great battle of Moscow, a brief historical study] Velikaia bitva pod Moskvoi; kratkii istoricheskii ocherk. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 302 p.

The 20th anniversary of the glorious victory of the Soviet people. Vop. ist. KPSS 6 no 1, 230-233 '62

MOSCOW BASIN—COAL GEOLOGY

Malinovska sediments of the lower Carboniferous in the southern wing of the Moscow Basin. I. I. Umnova, V. I. Kochetova, L. N. Grenishta. Izv. AN SSSR. Ser. geol. 27 no. 2:97-103 F '62.

MOSCOW BASIN—MINE TIMBERING

Determining the area of use of "Moshass" shield supports in Moscow Basin mines. N. D. Baiashov. Nauch. soob. Inst. gor. dela 5:45-49 '60.

MOSCOW BASIN—ROCK PRESSURE

Modeling rock pressure manifestations occurring in the Moscow Basin. A. M. Ushatin, A. M. Ko... R. itkovskaia. Nauch. soob. Inst. gor. del...

Nature of rock pressure manifestations i... cutter-loader and hammer mining in the... T. A. Darykina. Nauch. soob. Inst. gor. ... '60

MOSCOW CANAL-

Organic matter ... and Yakiroma ... Starikova. Trudy Gidrobiol. ob-va 11 370-384 '61

MOSCOW PROVINCE—AGRICULTURE

Gernatskii, A. P. [Conserve labor and time] Berech' trud i vremia. [Moskva] Mosk. rabochii, 1960. 39 p. (Obshchedostupnaia bibliotechka po ekonomike sel'skoi khoziaistvennogo proizvodstva)

MOSCOW PROVINCE—BANKS AND BANKING—ACCOUNTING

Efficient technique. V. Poluektov. Den. i kred. 20 no. 1: 68-69 Ja '62.

MOSCOW PROVINCE—BUILDING

In the Executive Committee of the Moscow soviet. Stroi. arkhit. i Mosk. 9 no. 9:43 S '61.

MOSCOW PROVINCE—ELECTRIC WELDING

Mechanization and automation of welding processes in enterprises of the Moscow Province Economic Council. S. S. Gudimenko, G. N. Strekalov. Mekh. i avtom. proizv. 16 no. 1:14-16 Ja '62.

MOSCOW PROVINCE—GYPSY MOTH

Effect of temperature on the development of gypsy moth embryos (Ocneria dispar L.) in Moscow Province. V. I. Benkevich. Sbor. rab. po ekol. i biol. zhiv. no. 1: 52-61 '59.

MOSCOW PROVINCE—INDUSTRIES

Basic trends in the technical development of the industry of Moscow Province Economic Council in 1959-1965. N. I. Pokrovskii. Mekh. i avtom. proizv. 16 no.1:1-4 Ja '62.

MOSCOW PROVINCE—PIONEERS (COMMUNIST YOUTH)

Two-year plan of the Pioneers is progressing. S. Kudelin Sem'ia i shkola 16 no.12:5-6 D '61.

MOSCOW PROVINCE—RESERVOIRS

Principal results of long-range observations on the transformation of reservoir shores in the upper Volga Valley and the Moscow area. E. G. Kachugin. Trudy Okean. kom. 12:109-110 '61.

MOSCOW PROVINCE—SERVICE INDUSTRIES

For the winner. Mest. prom. i khud. promys. 2 no.7:4 Jl '61.

MOSCOW PROVINCE—SOCIALIST COMPETITION

This is a shock worker. A. Ivanov. Mest. prom. i khud. promys. 2 no.7,8-9 Jl '61

MOSCOW PROVINCE—TOYS

Thanks for the good toys. S. Borisov. Mest. prom. i khud. promys. 2 no.7:33 Jl '61.

MOSCOW PROVINCE—WIRE BROADCASTING

Complete the wire broadcasting networks in the Moscow Province. N. Liubavin, M. Santsevich Radio no.1:12 Ja '62.

MOSCOW REGION—ECONOMIC GEOGRAPHY

Mints, A. A. [The Moscow environs; economic and geographical features] Podmoskov'e; ekonomiko-geograficheskaia kharakteristika. Moskva, Gos. izd-vo geogr. lit-ry, 1961. 301 p.

MOSCOW REGION—GEOLOGY, STRUCTURAL

Structure of the eastern slope of the Moscow syneclise. A. I. Mushenko. Dokl. AN SSSR 142 no.3:653-656 Ja '62.

MOSQUITOES—EXTERMINATION

Repellent and acaricide action of kiuzols on Siberian ticks and mosquitoes. N. I. Riabov, O. S. Sakovich. Voen.-med. zhur. no.7:50-53 Jl '61.

MOTHER-OF-PEARL see subdivision under Taumotu Islands

MOTION-PICTURE CAMERAS

Time lapse photography with the AK-8 camera. S. Urusov. Sov. foto 22 no.1:28-29 Ja '62.

MOTION-PICTURE CARTOONS
(see also subdivision under Czechoslovakia)

Talented and witty! D. Babichenko. Isk. kino no.12:62-65 D '61.

MOTION-PICTURE FESTIVALS
(see also subdivision under Moscow; Venice)

Festivals, awards, and prizes for 1960. Isk. kino no.7:5 Jl '61.

MOTION-PICTURE FILM COLLECTIONS

New finds in the State Collection of Motion-Picture Films. O. V. IAkubovich. Iz ist. kino 4:97-102 '61.

Russian prerevolutionary films acquired by the State Collection of Motion-Picture Films of the U. S. S. R. or received as exchange items from foreign motion-picture archives. Iz ist. kino 4:137-143 '61.

MOTION-PICTURE PHOTOGRAPHY—BIBLIOGRAPHY see Bibliography—Motion-picture photography

MOTION-PICTURE PHOTOGRAPHY—FILMS—BIBLIOGRAPHY see Bibliography—Motion-picture photography—Films

MOTION-PICTURE PHOTOGRAPHY—LIGHT FILTERS

Moscow. Moskovskaia kinostudiia "Mosfil'm." [Catalog of light filters for motion-picture photography] Katalog svetofil'trov dlia kinos"emok. Sost. operator V. I. Popov. [Moskva] 1960. 95 p.
[MICROFILM]

MOTION-PICTURE PHOTOGRAPHY—TECHNOLOGICAL INNOVATIONS

Results of the review-contest of inventions and improvements dedicated to the 22d Congress of the CPSU. Tekh. kino i televi. 6 no.1:96 Ja '62.

MOTION-PICTURE PLAYS
(see also subdivision under Germany, West; Kirghizistan; Korea, North; Latin America; United States; Vietnam, North; White Russia)

Aleksandr Fadeev on the motion-picture play "Chapaev." V. Puzyrev. Neva no.6:194-195 '61.

Archives of S. M. Eisenstein. IU. A. Krasovskii. Iz ist. kino 4:120-136 '61.

"Clear sky." Kul't.-pros. rab. 22 no.7:55-56 Jl '61.

Come to us on the Black Sea. A. Danchenko. Isk. kino no.12:8 D '61.

Duty of motion-picture employees. Sergei Bondarchuk. Isk. kino no.7:19-20 Jl '61.

Films on the struggle for peace are needed. K. Ostrovitianinov. Isk. kino no.12:5 D '61.

Flight and return of Mr. McKinley. N. Zaitsev. Isk. kino no.7 97-101 '61.

For perpetual youth of an art. M. Komin-Aleksandrovskii. Isk. kino no.12:3-5 D '61.

From everywhere. Isk. kino no.7 151-156 Jl '61.

From everywhere. Isk. kino no.12:133-135 D '61.

Historical calendar of motion pictures. S. Shuster, N. Glagoleva. Isk. kino no.12:142-143 D '61.

The historical film. S. M. Eisenstein. Iz ist. kino 4:7-27 '61.

In the squares and streets of Soviet motion pictures. Grigorii Kozintsev Isk kino no 7:10-14 Jl '61.

Joint films. Mikh. Bellavskii. Kul't. i zhizn' 5 no. 8: 28-30 '61.

Motion-picture schedule. Isk. kino no.7-157-160 Jl '61.

Motion-picture schedule. Isk. kino no.12:144-146 D '61.

Motion pictures and contemporaneity. D. Pishrevskii. Vop. est. no 4:106-115 '60.

Motion pictures and the audience. S. Ginzburg. Vop. est. no.4:116-123 '60

Narrate the life of students. P. Ogibalov. Isk. kino no.12:7 D '61.

Our time and heroes. A. Gasparian. Mol. komm. no.7-113-123 Jl '61.

People and time. N. Ignat'eva. Isk. kino no.7-33-39 Jl '61.

Poetry of the times. Mykhailo Solomonov. Mystetstvo 8 no 6:7-9 N-D '61.

Put the enthusiast of work on the screen! F. Chukhrov. Isk. kino no.12:6 D '61.

"Ryzhik" on the screen. Raisa Gorskaia. Sem'ia i shkola 16 no.12:44 D '61.

Sacred anxiety. Mark Donskoi. Isk. kino no.7:6-9 Jl '61.

School of courage. Fernand Grenier. Isk. kino no.7-23-24 Jl '61.

Through the pages of the foreign press. E. Kariseva and others. Isk. kino no.12.129-130 D '61.

Through the pages of the foreign press. M. S Isk. kino no.7:149-150 Jl '61.

With volubile speech. A. Berzer. Isk. kino no.12:59-61 D '61.

MOTION-PICTURE PROJECTION—BIBLIOGRAPHY see Bibliography—Motion-picture projection

MOTION-PICTURE PROJECTORS

Andereg, G. F., S. R. Barbanel', and I. K. Kachurin. [Equipment of wide-screen motion-picture theaters] Tekhnika shirokoekrannykh kinoteatrov. Moskva, Gos. izd-vo "Iskusstvo," 1961. 103 p. (Biblioteka kino-mekhanika)

New universal motion-picture projector with a super-powerful light source. A. M. Bolokhovskii and others. Tekh. kino i televi. 6 no.1:7-22 Ja '62.

MOTION-PICTURE STUDIOS see subdivision under Leningrad

MOTION-PICTURE THEATERS see subdivision under Moscow

MOTION-PICTURE THEATERS—EQUIPMENT AND SUPPLIES

Andereg, G. F., S. R. Barbanel', and I. K. Kachurin. [Equipment of wide-screen motion-picture theaters] Tekhnika shirokoekrannykh kinoteatrov. Moskva, Gos. izd-vo "Iskusstvo," 1961. 103 p. (Biblioteka kino-mekhanika)

MOTION PICTURES
(see also subdivision under Cuba; Czechoslovakia; Ukraine)

Club for movie travelogs. S. IAtsenko, R. Terekhova. Klub 10 no.6:18 Je '61.

"Film as art" by Rudolf Arnheim. Reviewed by L. Kozlov. Isk. kino no.7:122-125 Jl '61.

Forms of motion-picture art. L. Parfenov. Isk. kino no.7:113-118 Jl '61.

"History of the invention of motion pictures" by I. V. Sokolov. Review by N. Pavlov. Isk. kino no.12:138-139 D '61.

How A. V. Lunacharskii evaluated the work of the "Rus" Motion Picture Studio." M. I. Zakhartseva. Ist. arkh. 7 no.3:277-278 My-Je '61.

Is this a new genre? Arkadii Raikin. Isk. kino no.12:86-87 D '61.

Motion-picture collections in the Central Archives of the Ministry of Culture of the U. S. S. R. I. Mitin, N. IAgunova. Iz ist. kino 4:111-119 '61.

New documents illustrating V. I. Lenin's association with motion pictures. Iz ist. kino 4:3-6 '61.

News in brief. Tekh. kino i televi. 6 no.1:95-96 Ja '62.

"People and Russian motion pictures of prerevolutionary times" by R. Sobolev. Reviewed by V. Afanas'ev. Isk. kino no.12:139-141 D '61.

Technological progress in cinematography as reflected in the decisions of the 22d Congress of the CPSU. Tekh. kino i televi. 6 no.1:1-3 Ja '62.

With thoughts on the future. V. Serov. Isk. kino no.12-8 D '61.

MOTION PICTURES—APPRECIATION

First steps. IU. Kurganov. Isk. kino no.12:102-107 D '61.

Lawful demands; from the editor's mailbox. Isk. kino no.12-99-101 D '61.

MOTION PICTURES—BIBLIOGRAPHY see Bibliography—Motion pictures

MOTION PICTURES—DUBBING

Creativity or a craft? B. Kordunov. Isk. kino no.12:83-84 D '61.

MOTION PICTURES—EQUIPMENT AND SUPPLIES

New equipment for motion picture photography and projection at the Exhibition of Achievements of the National Economy of the U. S. S. R. Tekh. kino i televi. 6 no.1: 93-95 Ja '62.

MOTION PICTURES—PERIODICALS

Our guests. Isk. kino no.7-31-32 Jl '61.

MOTION PICTURES—PRODUCTION DIRECTION

React! L. Gurevich. Isk. kino no.12:36-42 D '61.

"Silence! A scene is being filmed!" by A. Vlasov, A. Mlodik. Reviewed by S. Drobashenko. Isk. kino no.12-136-137 D '61.

MOTION PICTURES—SETTING AND SCENERY

New method of extra large photographic enlargements for motion-picture stage settings. K. A. Fridovskaia, K. K. Pronskii. Tekh. kino i televi. 6 no.1:69-72 Ja '62.

A word on motion picture artists. M. M. Kuriiko. Iskusstvo 24 no.6:6-15 '61.

MOTION PICTURES, AMATEUR see Amateur motion pictures

MOTION PICTURES, DOCUMENTARY
(see also subdivision under France)

Great art for the short film. R. Grigor'ev. Isk. kino no.12-27-35 D '61.

Nevertheless we must decide. A. Mar'iamov. Isk. kino no.12:15-27 D '61.

Not didacticism, but figurativeness. V. Zhdan. Isk. kino no.12:46-51 D '61.

Our Nikita Sergeevich. Isk. kino no.7 20 Jl '61.

Scenario for a documentary motion-picture sketch. L. Kristi. Kul't.-pros. rab. 22 no.6:49-51 Je '61.

Second time. Galina Shergova. Isk. kino no.12-67 D '61.

To meet and know one another! I. Kopalin, A. Zguridi. Isk. kino no.7:15-18 Jl '61.

Two decisions and two results. N. Nazarova. Isk. kino no.12-65-66 D '61.

You will see it on the screen. Nauka i zhizn' 28 no.10: 74-75 O '61.

MOTION PICTURES, MUSICAL

Musical art for the people. P. Lisitsian. Isk. kino no.12:9 D '61.

V. V. Stasov on the future of motion-picture art. Iz ist. kino 4:95-96 '61.

MOTION PICTURES, TALKING

Make fuller and better use of sound film. N. Terekhova. Raspr. pech. no.7:16-17 Jl '61.

Stereophonies?... Is it necessary? IA. Kharon. Isk. kino no.12:42-45 D '61.

MOTION PICTURES IN AGRICULTURE

Get more agricultural films. N. Funtikov. Kul't. pros. rab. 22 no.7:44-46 Jl '61.

Hold the label high. Z. Sazhina. Isk. kino no.12:10 D '61.

Interview with a Congress delegate. L. Furikov, IA. L'vov. Isk. kino no.12:11-12 D '61.

Propagate successes. Zh. Varshanidze. Isk. kino no.12:8 D '61.

MOTION PICTURES IN EDUCATION

New educational motion picture on geography. I. IA. Melamedov. Geog. v shkole 25 no.1:57 Ja-F '62.

New educational motion pictures. L. A. Makh. Sred. spets. obr. 8 no.1:61 Ja. '62.

What impedes the solution of an important problem. N. Voznink. Nar. obr. no.1:94-95 Ja '62.

MOTION PICTURES IN INDUSTRY

More of these films are needed. N. Kokosh. Isk. kino no.12:10 D '61.

Motion pictures have helped. N. Mamal. Isk. kino no.12:9 D '61.

This is worth doing. V. Butrimov. Isk. kino no.12:9 D '61.

MOTION PICTURES IN LITERATURE
Vartanov, A. S. [Characters of literature in the graphic arts and motion pictures] Obrazy literatury v grafike i kino. Moskva, Izd-vo Akad. nauk SSSR, 1961. 310 p.

MOTION PICTURES IN SCIENCE
Portray the scientist. V. Kirillov-Ugriumov. Isk. kino no. 12:6-7 D '61.

MOTOR FUELS
Determination of the saturated vapor pressure of motor fuels in accordance with the All-Union State Standard 6668-53. V. I. Sharapov, A. M. Fomina Khim. i tekh topl. i masel 7 no 1:64-65 Ja '62.

MOTOR VEHICLES
New Soviet motor vehicles. Avt. transp. 39 no. 12:16-18, 21-22, 24, 26-27, 30 D '61.
New Soviet motor vehicles. Avt. transp. 40 no. 1:11-12, 25, 31-33, 38, 53-55 Ja '62.
News of automobile engineering abroad. Avt. transp. 40 no. 1:59 Ja '62.

MOTOR VEHICLES—BRAKES
Characteristics of retarder-brakes. V. Makhaldiani. Avt. transp. 39 no. 12:22 D '61.

MOTOR VEHICLES—COLD WEATHER OPERATION
Driving a motor vehicle under winter conditions. I. Kruze. Avt. transp. 40 no. 1:42-44 Ja '62
Filatov, L. S. [Operating tractors and motor vehicles in winter] Ekspluatatsiia traktorov i avtomobilei v zimnikh usloviiakh. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 151 p.

MOTOR VEHICLES—ELECTRIC EQUIPMENT
Twenty-four volt electric equipment of motor vehicles with a compression-ignition engine. A. A. Zdanovskii. Avt. prom. 27 no. 12:28-29 D '61.

MOTOR VEHICLES—ENGINES
At the exhibition of engines. A. Smirnaginа. Nauka i zhizn' 28 no 10:97 O '61.
Automatic control of the running in of engines. P. Ivanov, E. Barishman. Avt. transp. 40 no. 1:27-29 Ja '62.
Forthcoming models of motor-vehicle engines at the Exhibition of the Achievements of the National Economy of the U. S. S. R. Avt transp. 39 no. 12:20-21 D '61.

MOTOR VEHICLES—ENGINES—CYLINDERS
[Methods for determining the technical condition of the cylinder-piston unit of motor-vehicle carburetor engines] Metody opredeleniia tekhnicheskogo sostoianiia tsilindro-porshnevoi gruppy avtomobil'nykh karbiuratornykh dvigatelei. Moskva, Avtotransizdat.
No. 2. Rubets, D. A., and V. I. Shestukhin. [Investigating the method for determining the technical condition of the cylinder-piston unit of a motor-vehicle carburetor engine by cutting off cylinders] Issledovanie metoda opredeleniia sostoianiia tsilindro-porshnevoi gruppy avtomobil'nogo karbiuratornogo dvigatelia putem vyklucheniia tsilindrov iz raboty. 1961. 22 p.

MOTOR VEHICLES—ENGINES—MAINTENANCE AND REPAIR
An engine can work longer. A. Pesenko, A. Zhdanov, I. Mishkovich. NTO 4 no. 1:48-50 Ja '62

MOTOR VEHICLES—IGNITION
Piezoelectric ignition system. A. P. Kovyrkov. Avt. prom. 27 no. 12:42-43 D '61.
Reliability of ignition systems. V. I. Shakhovtsev. Avt. prom. 27 no. 12:16-22 D '61.

MOTOR VEHICLES—MAINTENANCE AND REPAIR
(see also subdivision under Moscow; Tiflis)
Means for improving the quality of repairing. V. Efremov. Avt. transp. 40 no. 1:23-27 Ja '62.

MOTOR VEHICLES—RADIATORS—STANDARDS
New standard for motor-vehicle radiators. M. L. Minkin. Avt. prom. 27 no. 12:40-41 D '61.

MOTOR VEHICLES—STARTING DEVICES
Investigating voltage drops in the starter circuit of a motor vehicle. Iu. I. Borovskikh, Iu. I. Maizenberg, L. K. Egorov. Avt. prom. 27 no. 12:22-24 D '61.

MOTOR VEHICLES—TIRES
Improving the durability of tires. Avt. transp. 39 no. 12: 37-39 D '61.
Improving the durability of tires. S. Fedorov. Avt. transp. 39 no. 12:39-42 D '61.

MOTOR VEHICLES—TOURING
Quarter of a century ago. L. A. Givartovskii. Avtomobilist 1-12-15 '61.

MOTORBUS DRIVERS
Outstanding drivers of motorbuses. S. Litvinenko. Avt. transp. 40 no. 1:9 Ja '62.

MOTORBUSES
Ten stars. M. Bury. Belarus' 19 no. 1:17 Ja '62.

MOTORBUSES—FUEL CONSUMPTION
Determining the operational fuel consumption of urban motorbuses. A. A. Tokarev Avt prom. 27 no. 12: 12-16 D '61

MOTORBUSES—MAINTENANCE AND REPAIR
Repairing the ZIL and LIAZ-158 motorbuses. G. Malyshev Avt transp 39 no. 12 14-46 D '61.

MOTORSHIPS
On the motorship "Mekhanik Kalashnikov" V. Degtiarev. NTO 4 no. 1,28 Ja '62

MOTORTRUCKS—BRAKES
Central hand brake for the ZIL-164A and ZIL-157K motortrucks. L. Maklakov Avt transp. 40 no. 1:41 Ja '62.

MOTORTRUCKS—CATALOGS
Moskovskii avtomobil'nyi zavod. [Catalog of parts for the ZIL-164A motortruck, ZIL-MMZ-585L and ZIL-MMZ-585M dump trucks, ZIL-164AR tractor, ZIL-157K three-axle motortruck and ZIL-MMZ-164AN and ZIL-157KV saddle tractors] Katalog detalei dvukhosnogo avtomobilia ZIL-164A, avtomobilei-samosvalov ZIL-MMZ-585L i ZIL-MMZ-585M, avtomobilia-tiagacha ZIL-164AR, trekhosnogo avtomobilia ZIL-157K i sedel'nykh tiagachei ZIL-MMZ-164AN i ZIL-157KV. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 486 p.

MOTORTRUCKS—DESIGN AND CONSTRUCTION
Experimental 75-ton capacity diesel trolley truck (from "Mining World," 23, no. 3, 1961). Ugol' Ukr. 5 no. 7: 44 Jl '61.
Khimki. TSentral'nyi nauchno-issledovatel'skii institut mekhanizatsii i energetiki lesnoi promyshlennosti. [Album of working drawings of basic parts and units of the ZIL-157 automobile] Al'bom rabochikh chertezhei osnovnykh detalei i uzlov avtomobilia ZIL-157. Moskva, Goslesbumizdat
Pt. 1. Dvigatel' ZIL-157. 1961. 118 p.
Trends in the development of the motortruck industry in the U. S. S. R. D. Velikanov. Avt. transp. 39 no. 12: 13-16 D '61.

MOTORTRUCKS—TESTING
Determining traction characteristics of motortrucks under unsteady braking conditions. G. A. Krestovnikov, V. I. Povunchikov. Avt. prom. 27 no. 12:10-12 D '61.

MOTORTRUCKS—TIRES
One instead of two. I. Lifshits. IUn. tekh. 5 no. 7:40 Jl '61.

MOUNDS see subdivision under Chuvashia; Mari A. S. S. R.

MOUNTAIN WARFARE
On the march in the mountains. A. Kozhevnikov. Voen. vest. 41 no. 9:84-86 S '61.
Supply operations in the mountains. N. Levchenko. Tyl i snab. Sov. Voor. Sil 21 no. 12:42-46 D '61.

MOUNTAINS
Materials on the medico-geographical features of mountain landforms. V. P. Blskov. Geog. sbor no. 14: 36-56 '61.

MOUSE-EAR CRESS
Arabidopsis thaliana (L.) Heynh. as a new object for genetic research [with summary in English]. K. V. Kvitko, A. Müller. Issl. po gen. no. 1:79-91 '61.

MOUTH—INNERVATION
Role of nervous reception in the clinical aspects of orthopedic stomatology. I. S. Rubinov. Trudy LSGMI 63:7-18 '60.

MOUTH—MICROBIOLOGY
Cytological study of the oral mucous membrane in subjects using nonremovable dental bridges. A. V. Vysotskaia. Trudy LSGMI 63:160-164 '60.

MOVEMENT (PHYSIOLOGY)
Current problems in the physiology of activity. N. A. Bernshtein. Probl. kib. no. 6:101-160 '61.
Development of motor activity in rabbits in the early postnatal period. D. B. Malakhovskaia. Fiziol. zhur. 47 no. 7:872-877 Jl '61.
Disturbance in the tempo of motor-sensory reactions in patients with cerebrovascular diseases. V. A. Vasil'eva. Trudy Gos. nauchno-issl. inst. psikh. 22: 337-354 '60.
Influence of the functional condition of the neuromotor apparatus on the latent stage of motor reactions in man [with summary in English]. R. S. Person, E. S. Kalasnikova. Zhur. vys. nerv. deiat. 11 no. 5:830-834 S-O '61.
Materialistic and idealistic understanding of the nature of voluntary movements. N. A. Shustin. Fiziol. zhur. 47 no. 10:1227-1234 O '61.
Method for studying visual and motor co-ordination in patients with cerebrovascular diseases. S. IA. Rubinshtein. Trudy Gos. nauch.-issl. inst. psikh. 22:326-336 '60.

MOVEMENT, PSYCHOLOGY OF
Physiological mechanisms of volitional actions [with summary in English]. E. K. Zhukov, Iu. Z. Zakhar'iants. Vop. psikhol. 7 no. 6:127-135 N-D '61.

MOVEMENT DISORDERS
Change in motor activity of rabbits after irradiation. N. A. Volokhova. Med. rad. no. 7:45-49 '61.
Some pathophysiological mechanisms of hyperkinesis. K. A. Semenova. Vrach. delo no. 12:102-106 D '61.

MOZHAYSK RESERVOIR—BENTHOS
Formation of benthic fauna in Mozhaysk Reservoir. N. IU. Sokolova. Trudy Gidrobiol. ob-va 11 132-135 '61

MUCOUS MEMBRANES
State of the mucosa of the maxillary sinuses in chronic rhinitis [with summary in English]. A. I. TSyganov. Zhur. ush., nos. i gorl. bol 21 no. 4:46-49 Jl-Ag '61.

MUD BATHS see Baths, Moor and mud

MUKHOR-TALA REGION—PERLITE (MINERAL)
Petrography and practical importance of perlites from the Mukhor-Tala deposit (Buryat A. S. S. R.). N. S. Mamulova and others. Trudy IGEM no. 48:17-26 '61.

MUKHRANI REGION—GREEN MANURING
Effect of green manuring on some chemical properties of the brown soils of Mukhrani. T. P. Eremidze. Soob. AN Gruz. SSR 27 no. 5:589-596 N '61.

MULBERRY—VARIETIES see subdivision under Azerbaijan

MULTATULI, pseud. see Dekker, Eduard Douwes, 1820-1887

MULTIPLE SCLEROSIS
Clinical and immunological parallels in multiple sclerosis. A. P. Zinchenko, L. A. Markova. Vest. AMN SSSR 16 no. 6:45-49 '61.
Comparative study of the methods of diagnosis of acute encephalomyelitis and multiple sclerosis. R. S. Korenblit and others. Vest AMN SSSR 16 no. 6:61-64 '61.
Correlation of protein fractions of the cerebrospinal fluid and the blood serum in patients with multiple sclerosis. A. L. Leonovich, F. A. Rogotinskaia. Dokl. AN BSSR 5 no. 12:589-591 D '61.
Diagnosis and treatment of multiple sclerosis. TS. A. Epshtein and others. Vest. AMN SSSR 16 no. 6: 53-57 '61.
Multiple sclerosis and its geographic distribution. N. I. Grashchenkov and others. Vest. AMN SSSR 16 no. 6:57-60 '61.
Neurocirculatory pathogenesis of multiple sclerosis. D. A. Markov, A. L. Leonovich. Vest. AMN SSSR 16 no. 6:18-22 '61.
Some problems in etiology, pathogenesis and therapy of multiple sclerosis. A. G. Panov, A. P. Zinchenko. Vest. AMN SSSR 16 no. 6:23-30 '61.
Some problems in the pathogenesis of multiple sclerosis. S. N. Savenko. Vest. AMN SSSR 16 no. 6:30-35 '61.
Some results of clinical and pathomorphological study of multiple sclerosis and acute encephalomyelitis. N. I. Golik, E. V. Militina. Vest. AMN SSSR 16 no. 6: 35-45 '61.
Treatment of multiple sclerosis with Margulis - Shubladze vaccine. A. B. Rogover. Vest. AMN SSSR 16 no. 6:49-53 '61.

MULTIPLE SCLEROSIS—CONGRESSES
Special conference on multiple sclerosis and other demyelinating diseases of the nervous system. G. A. Maksudov. Vest. AMN SSSR 16 no. 6:75-81 '61.

MUMPS
History of the teaching of epidemic parotitis. T. S. Ugrivenko. Sov. med. 25 no. 7:155-156 Jl '61.

MUNICIPAL ENGINEERING see subdivision under Rostov-on-Don

MUNICIPAL ENGINEERING—EQUIPMENT ANS SUPPLIES see subdivision under Voronezh

MUNICIPAL OWNERSHIP
Russia (1917- R. S. F. S. R.) Laws, statutes, etc. [Handbook on the taking of inventory of fixed assets in housing and municipal economy] Spravochnik po inventarizatsii osnovnykh fondov zhilishchno-kommunal'nogo khoziaistva; sbornik vazhneishikh postanovlenii, instruktsii, prikazov i rasporiazhenii po inventarizatsii (po sostoianiiu na 1 ianvaria 1960 g.) Izd. 3., ispr. i dop. Sost. V. G. Petropavlovskii. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1961. 378 p.

MUNICIPAL SERVICES
(see also subdivision under Armenia; Azerbaijan; Buturlinovka; Estonia; Georgia; Kazakhstan; Kirghizistan; Latvia; Lithuania; Moldavia; Tajikistan; Turkmenistan; Ukraine; Uzbekistan; Volgograd; Vologda Province; White Russia)
For the good of the Soviet man. L. Shakanov. Zhil.-kom. khoz. 11 no. 10:2-3 O '61.
The 22d Congress of the CPSU. Zhil.-kom. khoz. 11 no. 10:1 O '61.

MUNICIPAL SERVICES—BIBLIOGRAPHY see Bibliography—Municipal services

MURDER
A method of "persuasion," V. Gennadiev Sots. zakon 39 no. 1 76 Ja '62.

MURMANSK PROVINCE—MORAL EDUCATION
Training of upper classmen in public work. M Pogodin. Nar. obr no 1·81-83 Ja '62.

MUSCLE
Morphological changes in the muscles of children with rickets [with summary in English] E D Zabludovskaia. Pediatriia 40 no. 12;37-43 D '61

Organic regeneration of skeletal muscles in rats [with summary in English]. G. M Litver and others. Biul eksp. biol. i med 52 no 8,101-105 Ag '61.

Striganova, A. P. [Reactivity and regenerative ability of denervated muscle at various stages of atrophy] Reaktivnost' i vosstanovitel'naia sposobnost' denervirovannoi myshtsy na raznykh stadiiakh strofii. Moskva, Izd-vo Akad. nauk SSSR, 1961. 144 p.

MUSCLE—INNERVATION
Effect of isoverine on the neuromuscular synapses of the skeletal muscle [with summary in English] V V Nevelichuk. Farm i toks 24 no 3 325-327 My-Je '61.

MUSCLE RELAXANTS
Advantages and disadvantages of bronchoesophagoscopy under anesthesia with the use of muscle relaxants A. N. Kabanov Vest khir no 5,105-110 '61

Analysis of the results of using intubation anesthesia with relaxants F. R Cherniakhovskii. Vest khir no. 7·97-102 '61.

Case of recurarization following the use of decamethonium. M. K. Muradov. Zdrav. Tadzh. 6 no 6·39-40 N-D '61.

Muscle relaxants in the setting of traumatic dislocations. A. A. Volikov. Vest. khir. no 1 118-123 '62.

Pharmacology of a new curariform drug truxillonium [with summary in English]. D. A Kharkevich, L. A Kravchuk. Farm. i toks 24 no. 3·318-324 My-Je '61

Potentiated surface gas anesthesia with uninterrupted curarization in surgical intervention in traumatology B. A. Polianskii, P P. Bulgakov, L. M. Nosov Sov med 25 no. 8;123-127 Ag '61

MUSCLES
Change in the glycogen content in the liver and in the muscles of chick embryos under the influence of insulin introduced into the blood. L. G Leibson and others Fiziol zhur. 47 no. 7;900-905 Jl '61.

Change in the sarcomere structure during the contraction of transversostriated muscle fiber [with summary in English]. V. P Gulev. Biofizika 6 no. 6 662-671 '61.

Demonstrating the action of muscle groups. A. P. Golubinskaia, IU. A. Gogin. Biol. v shkole no 1 86-87 Ja-F '62.

Influence of the functional condition of the neuromotor apparatus on the latent stage of motor reactions in man [with summary in English]. R S. Person, E.S Kalashnikova. Zhur. vys nerv deiat 11 no 5 830-834 S-O '61

MUSCLES—RADIOGRAPHY
Possibilities of X-ray evaluation of some models of muscle contraction [with summary in English]. L. L Razumov. Biofizika 6 no. 6;650-661 '61.

MUSCOVITE
Slyudyanogorsk muscovite deposit. G. F. Kuleshov, E. D. Beliankina, V. P. Petrov. Trudy IGEM no. 48; 27-39 '61.

MUSEUMS see subdivision under Uzbekistan; also subdivision 'Art galleries and museums' under Leningrad

MUSHROOMS, POISONOUS
Poisoning from mushrooms of the Agaricus bulbosus type A. V. Kon'kov. Voen.-med. zhur. no 7;76-76 Jl '61.

MUSIC
(see also subdivision under Altai Territory; Khabarovsk; Krivoy Rog; Novosibirsk; United States; Yaroslavl)
Brief news. Sov. muz. 25 no. 8;141-160 Ag '61.
Brief news. Sov. muz. 25 no. 12;139-151 D '61.
Brief news. Sov. muz. 26 no. 1·143-160 Ja '62.
Diverse pages. Sov. muz. 25 no. 8;129-138 Ag '61.
The future is knocking at the door. S. Akstuk. Sov. muz. 25 no. 8;8-12 Ag '61.
In the name of man. T. Khrennikov. Sov. muz. 26 no. 1·5-9 Ja '62.
Motley pages. Sov. muz 25 no. 12 127-131 D '61.
Motley pages. Sov muz. 26 no. 1;135-138 Ja '62.
They write us. Sov. muz. 25 no. 8;139-140 Ag '61.

MUSIC—BIBLIOGRAPHY see Bibliography—Music

MUSIC—COMPETITIONS see subdivision under Bucharest, Budapest

MUSIC—CONGRESSES
At the congress in Budapest. Sov. muz 25 no 12·110 D '61.
Problems of music of the East. V Vinogradov. Sov. muz 26 no. 1 130-134 Ja '62

MUSIC—HISTORY AND CRITICISM
Art is a source of happiness. A. Khachaturian Sov. muz. 26 no 1 12-13 Ja '62
Attention to musical aesthetics. N. Shakhnazarova. Sov. muz. 25 no 12 11-19 D '61.
"The mighty five of Russian music" by E M Gordeeva. Reviewed by A. Kandinskii Sov muz 26 no. 1 139-140 Ja '62.
Militant weapon of Soviet musicians. Sov muz. 25 no 12·6-10 D '61

MUSIC—INSTRUCTION AND STUDY
Aptitude for music. E. Mal'tseva. Sem'ia i shkola 16 no. 12;12-14 D '61.
Cultivation of creative talents. A. Gotlib. Sov muz. 26 no 1 68-70 Ja '62.
"We love music," an oral almanac. G. Veis. Klub 10 no. 6;23 Je '61.

MUSIC—PERIODICALS
Militant weapon of Soviet musicians. Sov. muz. 25 no 12 6-10 D '61.

MUSIC—SOCIETIES, ETC.
Cultivate the young composer with caution. R. Shchedrin. Sov. muz. 26 no 1 13-15 Ja '62.
Let us justify the confidence of the party. D. Shostakovich Sov. muz 26 no 1 9-10 Ja '62.
To work in the new way. V. Vlasov Sov. muz 26 no. 1 10-11 Ja '62

MUSIC, AMERICAN—HISTORY AND CRITICISM
Current studies on Armenian music. N. Shakhnazarova. Sov. muz. 25 no. 8;101-104 Ag '61.

MUSIC, AZERBAIJANI—HISTORY AND CRITICISM
Azerbaidzhanskaia gosudarstvennaia konservatoriia imeni Uzeira Gadzhibekova. [Azerbaijani music] Azerbaidzhanskaia muzyka, sbornik statei. Moskva, Gos. muzykal'noe izd-vo, 1961. 374 p.

MUSIC, BULGARIAN—HISTORY AND CRITICISM
With Bulgarian friends. K. Sakva. Sov. muz. 26 no. 1·118-123 Ja '62

MUSIC, GEORGIAN—HISTORY AND CRITICISM
From the concerts of the Georgian plenum. V. Arapov, S. Slonimskii. Sov. muz. 25 no. 8;104-106 Ag '61.

MUSIC, POPULAR (SONGS, ETC.)
Popular music of our times. S. Levit. Vop. est. no. 4; 135-143 '60.
Remarks on Leningrad song writers. V. Bogdanov-Berezovskii. Sov muz. 25 no 12 28-35 D '61.
Songs as yet not verse. V. Kostylev. Sov. muz. 25 no. 12·35-38 D '61.

MUSIC, TATAR—HISTORY AND CRITICISM
"The pentatone and its development in Tatar music" by IA. Girshman. Reviewed by M. Bigomedzianov. Sov. muz. 25 no. 12 132-135 D '61.

MUSIC, UKRAINIAN—HISTORY AND CRITICISM
Characteristics of the new. Valentyn Tymofeev. Mystotstvo 8 no 6;22-24 N-D '61.

MUSIC FESTIVALS see subdivision under Prague; Salzburg

MUSICAL INSTRUMENTS
Budashkin, N. P. [National music instruments] Narodnye muzykal'nye instrumenty. Moskva, Izd-vo "Znanie," 1961. 36 p. (Narodnyi universitet kul'tury: Fakul'tet literatury i iskusstva, no. 25)

MUSICAL SOCIETIES see subdivision under Communist Countries

MUSICIANS—CORRESPONDENCE, REMINISCENCES, ETC.
Duty of the artist. V. Sofronitskii. Sov. muz. 25 no. 12; 86-86 D '61.

MUSICIANS—SALARIES, PENSIONS, ETC. see subdivision under United States

MUSICOCALLISTHENICS
Aid for the music adviser. S. Rudneva. Doshk. vosp. 35 no. 1;99-103 Ja '62.

MUSTARD
Embryologic investigation of the Chinese mustard (Brassica juncea Czern.). G. M. Il'ina. Vest. Mosk. un. Ser. 6: Biol., pochv. 17 no. 1;34-45 Ja-F '62.

MUSTARD—PHYSIOLOGICAL EFFECT
Influence of infusions of red pepper and mustard on the reflex phase of gastric secretion. O. B. Sobieva and others. Fiziol. zhur. 47 no. 6;758-763 Je '61.

MUSTARD OILS
Determining the content of allyl mustard oil in mustard seed and its products. I L. Kerzner, M S Ershova. Masl.-zhir prom. 27 no 11;41-42 N '61

MUSTARD SEED
Determining the content of allyl mustard oil in mustard seed and its products I L. Kerzner, M S. Ershova. Masl.-zhir prom. 27 no 11;41-42 N '61

MUTUAL ECONOMIC ASSISTANCE COUNCIL
What are the functions of the Mutual Economic Assistance Council M. Nikolaev Kommunist 38 no 3;118-123 F '62

MYCOBACTERIUM TUBERCULOSIS
Apropos of A. M. Khoma-Lemishko's article, "Pigmented mycobacteria in clinical tuberculosis." B. IA. Stukalova, N. M. Makarevich Probl. tub. no. 5;100-102 '61
Apropos of A. M. Khoma-Lemishko's article, "Pigmented mycobacteria in clinical tuberculosis." R. O Drabkina. Probl tub. no 5;96-99 '61.
Are the comments and conclusions of A. M. Khoma-Lemishko mentioned in his article, "Pigmented mycobacteria in clinical tuberculosis" correct? A. A. Kiebanova Probl. tub. no. 5;102-104 '61.
Disinfection of sputum containing mycobacteria tuberculosis using products from the electrolysis of solutions of sodium chloride [with summary in French] T. N. IAshchenko. Probl. tub no. 5;69-75 '61.
Disinfection of tuberculous sputum using the products from electrolysis of chlorides [with summary in French]. B. L. Shura-Bura, A. P. Muravlev, P. I. Murashko. Probl. tub. no. 5;66-69 '61.

MYCOSIS
Absorption and elimination of epilin in trichomycoses. [with summary in English]. IU M Igoshin. Vest. derm i ven no 1 9-13 '62.
Data on the problem of the role of soil in the epidemiology of fungus diseases [with summary in English] Z. G. Stepanishcheva. Vest. derm. i ven 35 no 12·41-49 D '61
Mycotic urethritis in men. L. V. Shevliakov. Vest. derm. i ven. no. 1·46-49 '62.

NAGARJUNA, SIDDHA
Commentaries on the first chapter of Nagarjuna's "Mulamadhyamaka-Karika." I. M. Kutasova Krat soob Inst nar. Azii no 57,60-70 '61.

NAGAYEVO BAY—ISOPODA
The new species of wood borers Limnoria (Limnoria) magadanensis sp. nov. (Crustacea, Isopoda). S. D Esakova. Trudy Inst. okean. 49;100-106 '61

NAILS (ANATOMY)—DISEASES
S. N. Potapova's article, "Cutaneous anesthesia through electrophoresis in treating pockmarks of the face, and saccharomycetic paronychia and onychia." M. A. Kachkovskii. Vop. kur., fizioter. i loch. fiz. kul't 24 no. 6;555-556 N-D '59.
Treatment of onychomycoses with keratolytic and fungicidal plasters. A. F. Baranov and others. Vest. derm. i ven. no 1·65-67 '62

NAKHICHEVAN A.S.S.R.—BATHOLITHS
Contact metamorphism of the Megri-Ordubad granitoid batholith. Sh. A. Azizbekov, S. A. Bektashi Izv. AN Azerb. SSR. Ser. geol.-geog. nauk i nefti no. 4·3-11 '61.

NAKHICHEVAN A.S.S.R.—FORAMINIFERA, FOSSIL
New representatives of Streblus in Miocene sediments of the Nakhichevan A. S. S. R. M. T. Pronina. Izv. AN Azerb. SSR. Ser. geol.-geog. nauk i nefti no. 5;55-61 '61.

NAKHICHEVAN A.S.S.R.—NUMMULITES
Distribution characteristics of nummulite fauna in the cross section of Eocene sediments of the Nakhichevan A. S. S. R. T. A. Mamedov. Izv. AN Azerb. SSR. Ser. geol.-geog. nauk i nefti no. 5;73-84 '61.

NAKHICHEVAN A.S.S.R.—SALT DEPOSITS
Ground pressure in the Nakhichevan Salt Mine. Sh. N. Mamedov, B. A. Osipova. Izv. AN Azerb. SSR. Ser. geol.-geog. nauk i nefti no. 3;47-58 '61.

NAMES, GEOGRAPHICAL
(see also subdivision under Carpathian Mountain region; White Russia)
A little bit about many things. Znan. sila 37 no. 1;30 Ja '62.

NAMES, PERSONAL
"Nikitich" or "Nikitovich?" V. A. Itskovich. Vop. kul't. rechi no. 3;229-232 '61.
Russian form of foreign feminine personal names. A. V. Superanskaia. Vop. kul't. rechi no. 3·150-153 '61.

NANSEN, FRIDTJOF, 1861-1930
Fridtjof Nansen, a great polar explorer and humanist; on the 100th anniversary of his birth. N. A. Volkov. Izv. Vses. geog. ob-va 93 no. 6;479-486 N-D '61

NAPALKOV, PAVEL NIKOLAEVICH, 1900-

Professor Pavel Nikolaevich Napalkov, on his 60th birthday. S. M. Asoskova, I. O. Loiko Vest. khir. no. 7 140-141 '61

NAPHTHALAN

Change in the nervous system of the skin experimental animals under the effect of naphthalan petroleum with and without bathing [in Azerbaijani with summary in Russian]. R. A. Karakhanova. Azerb. med. zhur. no. 7, 30-35 Jl '61.

NAPHTHALENE

Increasing the recovery coefficients of naphthalene and phenols from coal tar. E. K. Smetanina. Koks i khim. no. 9:52-54 '61

Organolithium synthesis and study of the properties of some α-alkylnaphthalenes of the composition C_{16}-C_{20}. E. B. Sokolova, M. P. Shebanova, S. A. Shchepinov Izv. vys. ucheb. zav.; khim. i khim. tekh. 4 no. 4, 617-620 '61.

NAPHTHOQUINONE

2-Anilino-1,4-naphthoquinones. L. kh. Vinograd, V. V. Karpov, G. V. Shalimova Zhur. prikl. khim. 34 no. 12: 2775-2779 D '61

NAPPEL'BAUM, MOISEI SOLOMONOVICH, d.

M. S. Nappel'baum, the outstanding art photographer. M. *Dolinskii, S. Chertok.* Sov. foto 22 no. 1, 16-20 Ja '61.

NARCOTICS—PHYSIOLOGICAL EFFECT

Negative effect of narcotic substances in oxygen starvation. A. I. Ulovich. Farm. i toks. 24 no. 3:294-298 My-Je '61.

NASOPHARYNX—TUMORS

Lymphoepithelioma or Schmincke's disease [with summary in English]. N. A. Levkova, N. D. Skuba. Vest. otorin. no. 6:40-43 '61.

NATIONAL DANCES see Folk dancing

NATIONALISM

(see also subdivision under Africa, Ukraine)

Arkhangel'skii, L. M. [Tribe, nationality and nation as historical forms of human society] Plemia, narodnost', natsiia kak istoricheskie formy obshchnosti liudei. Moskva, Gos. izd-vo "*Vysshaia shkola*," *1961. 38 p.*

NATIONALITIES

(see also subdivision under Turkey)

The greatest historical document of our times. Sov. etn. no. 5:3-8 S-O '61.

How V. I. Lenin worked out the nationality problem. M. P. Khangalov. Uch. trudy Kazakh. gos. un. Ser. iur. no. 5, 3-24 '59.

Solution of the problem of nationalities in the U S S R. B. Gafurov. Az. i Afr. seg. no. 1 6-9 Ja '62.

We are internationalists. N. Dzhandil'din. Part. zhizn' Kazakh. no. 11:17-24 N '61.

NATTER, JOHANN LORENZ, 1705-1763

Lorenz Natter and his works in the Hermitage. N. Krasnova. Soob. Gos. Erm. no. 20:42-44 '61.

NATURAL GAS see Gas, Natural

NATURAL HISTORY see subdivision under Chukchi Peninsula

NATURAL HISTORY—*PERIODICALS*

"Priroda" is 50 years old. Priroda 51 no. 1:3-16 Ja '62

NATURAL LAW see subdivision under United States

NATURAL RESOURCES

(see also subdivision under Chita Province; Magadan Province; Ukraine)

Communism and the transformation of nature. M. F. Grin. Priroda 51 no. 1:25-36 Ja '62.

Fourth All-Union Conference on the Protection of Nature. N. G. Solatova. Les. khoz. 14 no. 12:87 D '61.

Participation of students in conservation. P. D. Shzynin. Biol. v shkole no. 1:56-58 Ja-F '62.

NATURAL RESOURCES—CONGRESSES

Fourth All-Union Conference on the Protection of Nature. *N. G. Solatova.* Izv. Sib. otd. AN SSSR no. 11:151-152 '61.

NATURAL RESOURCES—LAW

Kolbasov, O. S., comp. [Collected legislative enactments concerning conservation] Okhrana prirody; sbornik zakonodatel'nykh aktov. Moskva, Gos. izd-vo iurid. lit-ry, *1961. 383 p.*

NATURE STUDY

Children should enjoy the beauty of nature. I. Goncharov. Sem'ia i shkola 16 *no. 12:17-19 D '61.*

Club for "question boxes." Un. nat. no. 12:32-33 D '61.

I want to become a naturalist. *S. P. Rudnykh.* Un. nat. no. 12:22-23 D '61.

Club of "question boxes." Un. nat. no. 1, 30-32 Ja '62

Herald of the young naturalist. Un. nat. no. 1:18-19 Ja '62.

"I am in a good mood" by Viktor Tel'pugov. Reviewed by Vl. Fedorov Un. nat. no. 1:31 Ja '62

In February. V. Volodin. Doshk. vykh. 23 no. 2:42 F '62

In January. V. Parkhomenko. Doshk. vykh. 23 no. 1:37 Ja '62.

NATURE STUDY—EQUIPMENT AND SUPPLIES

Mail-order purchases for young naturalists. Un. nat. no. 12:37 D '61.

NATURE STUDY—PERIODICALS

Reading "Priroda" for 50 years. V. Pokrovskii. Ogonek 10 no. 2:8 Ja '62

NAUTICAL ASTRONOMY

Devices for direct determination of the latitude and longitude of the observer. V. F. D'iakonov. Biul. tekh.-ekon. inform. Tekh. upr. Min. mor. flota 5 no. 1:79-86 '60

Expansion of astronomy methods of determining longitudes in navigation. A. Denisov. Mor. flot 22 no. 1:36 Ja '62.

NAVAL ARCHITECTURE

Makovskii, F. V. [Increasing the technical and operational qualities of ships according *to model basin strength* testing data] Povyshenie tekhniko-ekspluatatsionnykh kachestv sudov po dannym naturnykh *ispytanii ikh* prochnosti Moskva, Izd-vo "Morskoi transport," 1961. 65 p. (Biblioteka sudovogo mekhanika morskogo flota)

NAVAL HYGIENE

Use of some forms of sanitary control in the navy. N. V. D'iakov, B. A. Fedorets. Voen.-med. zhur. *no 7:44-46* Jl '61.

NAVAL MEDICINE see Medicine, Naval

NAVAL MUSEUMS see subdivision under Sevastopol

NAVARINO, BATTLE OF, 1827

Reminiscences over the radio. N. Vecheslov. Nova no. 7:220 '61.

NAVIES see subdivision 'Navy' under *Russia*

NAVIGATION (AERONAUTICS)

Accurate solutions to the equations of proportional navigation. V. L. *Kan, A. S.* Kel'zon. Izv. vys. ucheb. zav.; mat. no. 1:50-56 '62.

Below stratiform clouds. E. Gogoleva. Grazhd. av. 18 no. 12:23-24 D '61.

Itinerary and flight directions. Airline flight. Route *tracking. Aircraft radar* and the precision of navigation. R. Strazhnik. Grazhd. av. 18 no. 12:7-8 D '61.

NAVIGATION, RADAR IN see Radar in navigation

NAVOI, ALISHER, pseud. see 'Alī Shīr, Mīr, called al-Nawā'ī, 1441-1501

NAVON—CHEMICAL INDUSTRIES

At a construction project of large-scale chemistry. Nar. khoz. Uzb. 4 no. 1:46-49 Ja '62.

NAVON—CONSTRUCTION INDUSTRY

At a construction project of large-scale chemistry. Nar. khoz. Uzb. 4 no. 1:46-49 Ja '62.

NEAR EAST—PETROLEUM INDUSTRY

Andreasian, R. N., and A. IA. El'ianov. [*The Near East; oil and independence*] Blizhnii Vostok, neft', i nezavisimost'. Moskva, Izd-vo vostochnoi lit-ry, 1961. 318 p.

NEAR EAST—POLITICS

Andreasian, R. N., and A. IA. El'ianov. [The Near East; oil and independence] Blizhnii Vostok; *neft', i nezavisimost'.* Moskva, Izd-vo vostochnoi lit-ry, 1961. 318 p.

NEBULAE

Disintegrating group of galaxies in the constellation of Lion. B. E. Markarian. Dokl. AN Arm. SSR 33 no. 4: *161-164* '61.

NECK—DISEASES

Etiology of median cervical cysts and fistulae; anatomical studies [with summary in English]. K. P. Bogdanov. Vest. khir. no. 1:55-63 '62.

NECTARINE

Blackthorn nectarine. H. P. Rudkivs'kyi. Nauka i zhyttia 11 *no. 10 38-39 O '61.*

NECTAROSCORDUM see subdivision under Samur Valley

NEFTYANYYE KAMNI REGION—OIL FIELD FLOODING

Results of contour flooding of the Kala i oil pool in the southwestern wing of the Neftyanyye Kamni field. E. A. Mamedov, Azerb. neft. khoz. 40 no. 9:22-25 S '61.

NEFTYANYYE KAMNI REGION—STORMS

Characteristics of strong storms in the Neftyanyye Kamni *water area.* I. P. Kuliev, A. M. Ibragimov, L. S. Alimamedov. Izv. AN Azerb. SSR. Ser. geol.-geog. nauk i nefti no. 5:125-131 '61.

NEISSERIA MENINGITIDIS

Electron microscope observations on morphological changes in meningococci under the influence of sulfodimezine and antibiotics (with summary in English) L. E. Rybak, L. I. IArmolenko. Antibiotiki 6 no. 6:531-534 Je '61.

NEKRASOV, NIKOLAI ALEKSEEVICH, 1821-1877

Antislavery motifs in the works of Shevchenko and Nekrasov D. V. Chalyi. *Rad. lit. 5 no. 4:58-67 Jl-Ag* '61

N. A. Nekrasov on the social function of art. V. V. Bogatov Vest. Mosk. un. Ser. 8: Ekon., filos. 17 no. 1, 71-82 Ja-F '62.

NEMAN VALLEY—WORLD WAR, 1939-1945

Raid of the S. A. Kovpak Guerrilla Division into the *Neman Valley in 1944.* Submitted by P. P. Vershigora. Ist. arkh. 7 no. 3:103-116 My-Je '61.

NEMATODA see subdivision under Khabarovsk Territory

NEMIROVICH-DANCHENKO, VLADIMIR IVANOVICH, 1858-1943

"Vl. I. Nemirovich-Danchenko as a stage director in the musical theater" by P. A. Markov. Reviewed by B. Porovskii. Teatr 22 no. 8, 121-122 Ag '61.

NEON

Bardanova, G., and others. [Production of Md^{256} through irradiation of U^{238} with Ne^{22} ions, and study of some of its chemical properties] Poluchenie Md^{256} pri obluchenii U^{238} ionami Ne^{22} i izuchenie ego nekotorykh khimicheskikh svoistv. Dubna, Ob"edinennyi in-t iadernykh issl., 1962, 11 p. [With summary in English]

NEPAL—FOREIGN RELATIONS—RUSSIA

The East looks into the future. Subimal Dutt, Jarendra Narain Singha. Az. i Afr. seg. no. 1 3-4 Ja '62.

Nepal's national holiday. Nov. vrem. 20 no. 8:3 F '62

NEPAL—POLITICS AND GOVERNMENT

Nepal's difficult road. I. Red'ko. Az. i Afr. seg. no. 1: 16-10 Ja '62.

NEPAL—RELATIONS (GENERAL) WITH CHINA

"Cultural relations between ancient China and Nepal" by Ch'ên Hang-shêng. Abstract from "Lishih yenchiu" no. 2 '61 by V. A. Rubin. Sovr. kit. lit. po obshchestv naukam no. 44:96-100 '61.

NEPHELINE SYENITE

Changes of nepheline syenite and minerals constituting it during their treatment by potassium hydroxide solutions *M. G. Manvelian* and others. Izv. AN Arm. SSR. Khim. nauki 14 no. 5:417-423 '61.

NEPHELITE

(see also subdivision under Ural Mountains)

Role of potassium in the leaching of nepheline rocks by the hydrochemical method M. M. Gol'dman, V. D. *Ponomarev.* Izv. AN Kazakh. SSR. Ser. met., obog. i ogneup. no. 3 50-58 '61.

NEPTUNIUM—DECAY

Radioactive decay of Np^{237} [with summary in English]. S. A. Baranov and others. Zhur. eksp. i teor. fiz. 41 no. 6:1733-1739 D '61.

NERVES

Pharmacological characteristics of neurons participating in tremor formation [with summary in English]. V. B. Prozorovskii. Biul. eksp. biol. i med. 52 no. 10 64-66 O '61.

NERVES—RADIOGRAPHY

Effect of ionizing radiations on the electrical activity of the neurons on different levels of the cerebral cortex in rabbits. L. I. Kaburneeva. Med. rad. no. 7 49-53 '61.

NERVES, FACIAL—DISEASES

Treatment by acupuncture of neuralgia of the trigeminal nerve and neuritis of the facial nerve. R. I. Mikhailova. Stomatologiia 39 no. 6:52-55 N-D '60.

NERVES, FACIAL—SURGERY

Case of surgical treatment of paralysis of the facial nerves ("Otolar. polska," No. 3, 1960]. Zhur. ush., nos. i gorl. bol. 21 no. 4:95 Jl-Ag '61.

NERVES, INTERCOSTAL

Physiological characteristics of the motor fibers of the phrenic and intercostal nerves in adult and newborn animals. V. D. Glebovskii. Fiziol. zhur. 47 no. 10: 1267-1276 O '61.

NERVES, PERIPHERAL

Use of cyanocobalamine in restoring the functions of the peripheral nerve after a suture. N.N. Priorov, S.V. Andreev, T.I. Cherkasova Vit res i lkh isp. no.5 175-188 '61

NERVES, SPINAL

Dependence of polysynaptic reactions of the motor neuron on the level of its resting potential P G Kostiuk I. P. Semenlutin. Fiziol. zhur. 47 no 6 678-686 Je '61

NERVES, SPINAL—DISEASES

Treatment with Sapozhok mud of subacute forms of radiculitis. Г. N. Kovalev, A. P. Mokshinova. Vop. kur., fizioter. i lech. fiz. kul't. 26 no 4:309-311 Jl-Ag '61.

Treatment with sapropel from Knyaspinskoye Lake of diseases of the lumbosacral roots and sciatic nerve in polyclinics. I. G. Kliver Vop. kur., fizioter i lech fiz. kul't. 26 no. 4:306-309 Jl-Ag '61.

Ultraviolet rays in the compound treatment of diseases of the lumbosacral region of the peripheral nervous system. M. L Livshits. Vrach. delo no 6 135-136 Je '61.

NERVES, SPINAL—INFLAMMATION

Treatment of acute lumbosacral radiculitis by subcutaneous insufflations of oxygen. E. V. Zhuravlev Vrach delo no 6:136 Je '61

NERVOUS EXHAUSTION see Neurasthenia

NERVOUS SYSTEM

pedagog. nauk RSFSR, 1961, 210 p.
[MICROFILM]

Central regulation of the inflow of sensory impulses in the light of some general regularities in the structural and functional organization of the central nervous system V. I. Filipenko Zhur vys nerv deiat. 11 no. 5 884-894 S-O '61

Change in higher nervous activity and in the peripheral blood picture during prolonged gamma-ray irradiation (CO^{60}) of dogs [with summary in English]. A. F. Makarchenko, R. S. Zlatin, M. F. Sirotina Zhur vys nerv deiat 11 no. 5 895-901 S-O '61

Changes in the electrocardiogram and disorder of the state of the central nervous system under the influence of acceleration. E. V. Marukhanian. Fiziol zhur 47 no. 7:843-851 Jl '61.

Effect of gamma rays of radioactive cobalt on the amount of intermediate products of glycolysis in the central nervous system. V. I. Malashko. Dokl AN BSSR 5 no 11:517-519 N '61.

Effect of the functional state of the higher sections of the central nervous system on the reaction of the adrenal glands under "stress." I. D. Gervazieva. Vrach. delo no. 12:145-146 D '61.

Electrographic characteristics of the basic neural processes. N. P. Bekhtereva, V. V. Zontov Fiziol zhur. 47 no. 12:1463-1470 D '61.

Formation and development of mobility and inertness of neural processes in ontogenesis [with summary in English]. V. A. Trashkhin, L. N Kozlova Zhur vys. nerv. deiat. 11 no 5.878-883 S-O '61.

Histopathology of the central nervous system and morphological changes in certain organs of the abdominal cavity during acute intestinal obstruction in experimental animals. B A Akhundzhanov. Med. zhur. Uzb. no.7 43-49 Jl '61.

Leningrad. Pervyi Leningradskii meditsinskii institut. [Studies on the pharmacology of the reticular formation and of synaptic transmission] Issledovaniia po farmakologii retikuliarnoi formatsii i sinapticheskoi peredachi. Spredisl. V. V. Zakusova. Pod red. A. V. Val'dmana. Leningrad, 1961. 431 p. (Sbornik trudov kafedry farmakologii) [With summaries in English]

Mechanism of the action of aminazine on higher nervous activity in man [with summary in English] N. N. Traugott, L. IA. Balonov, D. A Kaufman. Zhur. vys. nerv. deiat. 11 no. 5:814-822 S-O '61

Method for studying the mobility of basic neural processes in man. R. L. Rabinovich. Zhur. vys. nerv deiat 11 no. 5:960-965 S-O '61.

"Method in the experimental study of the higher nervous system in man" by V. K. Faddeeva. Reviewed by IU. A. Povorinskii. Zhur. vys. nerv. deiat 11 no 5:966-968 S-O '61.

Partial types of higher nervous activity in man [with summary in English]. L. I. Umanskii. Vop. psikhol. 7 no. 6:154-160 N-D '61.

"Problems in the morphology of the nervous system." Reviewed by N. G. Kolosov. Vest. AMN SSSR 16 no. 8: 91-92 '61.

Relationship between the structure and effect of certain 2, 6-dimethylpiperidine derivatives on the choline reactive systems. IU. I. Syrneva. Farm. i toks. 24 no 3: 304-309 My-Je '61.

(DNLM)

Lesion of the nervous system in brucellosis (according to data from the Abuali ibni Sino Clinic for Nervous Diseases of the Stalinabad Medical Institute) R. M. Gershovich. Zdrav. Tadzh 8 no 5:33-35 S-O '61

Paths of tetanus toxin entry into the central nervous system and some problems in the pathogenesis of experimental tetanus. Report No. 2. Experiments on mice, guinea pigs, rabbits and cats [with summary in English] G. N. Kryzhanovskii and others. Biul eksp biol. i med 52 no. 8.31-37 Ag '61.

Late results of balneological treatment of cardiovascular disorders in diseases of the nervous system N I Strelkova. Vop. kur., fizioter. i lech fiz kul't. 26 no. 4:293-297 Jl-Ag '61

Rare forms of lesions of the nervous system in rheumatic fever. A. R. Rakhimdzhanov Med. zhur. Uzb no 6: 17-19 Je '61.

Significance of neural regulation disorders in the pathogenesis of infectious nonspecific (rheumatoid) arthritis [with summary in English]. M. G Astapenko. Terap arkh 33 no 10 75-81 '61.

Special conference on multiple sclerosis and other demyelinating diseases of the nervous system. G A. Maksudov Vest. AMN SSSR 16 no. 6:75-81 '61.

Treatment of nervous system diseases with radon water at Mineralnye Vody Health Resort. D. I. Proniv. Vop. kur., fizioter. i lech. fiz. kul't. 26 no. 4:352-354 Jl-Ag '61.

NERVOUS SYSTEM—SURGERY

Neurological sources of Russian neurosurgery. M. IU. Rapoport Vop neirokhir 25 no. 1,34-38 '62.

Surgery of gigantic calcified intracranial echinococcic cysts V. A. Nikol'skii. Vop. neirokhir. 25 no 1. 73-76 '62.

NERVOUS SYSTEM—TUMORS

Case of neurinoma of the retropharyngeal spaces. N. I Palekha Zhur. ush., nos. i gorl. bol. 21 no. 4:73-74 Jl-Ag '61.

Two cases of neurinoma of the pharynx. N. G. Alengoz. Zhur. ush., nos. i gorl. bol. 21 no. 4:77-78 Jl-Ag '61.

NERVOUS SYSTEM—WOUNDS AND INJURIES

Role of cyanocobalamine in eliminating the central component of the trauma in ruptures of peripheral nerves. T I. Cherkasova. Vit. res. i lkh isp. no. 5. 199-202 '61.

NERVOUS SYSTEM, AUTONOMIC

Inhibiting and stimulating influences of the central nervous system on cardiac activity and respiration in birds. V. I. Klimova-Cherkasova. Fiziol. zhur. 47 no. 6:721-728 Je '61.

NERVOUS SYSTEM, PARASYMPATHETIC

Nervous mechanism of the inhibiting and intesifying effects of the parasympathetic system on the heart [with summary in English] M G. Udel'nov. Kardiologiia 1 no. 6 3-17 N-D '61

NERVOUS SYSTEM, SYMPATHETIC

Concentration and dispersion of ganglionic matter in the pectoral part of the truncus sympathicus in human embryos and fetuses. L. U. Turdyev. Med zhur. Uzb. no. 7 37-39 Jl '61

Morphology of ganglia of the truncus sympathicus of the pelvic segment in human fetuses. R. A. Usmanova. Med. zhur. Uzb. no. 6:62-63 Je '61.

Pathogenesis and treatment of trophic ulcers [with summary in English]. K. M Parpiev. Med zhur. Uzb. no.8: 80-85 Ag '61.

Role of the sympathetic nervous system in changes in gastric secretion under conditions of high external temperatures and exposure to sunshine [with summary in English]. G. F. Korotko. Med. zhur. Uzb. no. 8: 74-80 Ag '61.

NERVOUS SYSTEM, SYMPATHETIC—SURGERY

Changes in the bone marrow of patients with endarteritis obliterans following lumbar sympathectomy. S O. Apsit, N. I. Batygina. Sov. med. 25 no. 9:118-121 S '61.

Role of the sympathoadrenal system in regulating the immunogenic process. E. A. Korneva, L. M. Khal. Fiziol. zhur. 47 no. 10:1298-1305 O '01.

NERVOUS SYSTEM, VASOMOTOR

Relationship of local and general vascular reactions in connection with the intensity of the stimulation of the small intestine's chemoreceptors V. A. Leviov, S. S. Muslashchikova. Fiziol. zhur. 47 no. 12:1477-1483 D '61.

NETHERLANDS—SHIPBUILDING

Dutch-built ships [from foreign journals]. Sudostroenie 27 no. 12:75-77 D '61.

NETWORKS, ELECTRIC see Electric networks

NEURALGIA

Use of vitamin B_{12} in stomatology. V. A. Petrov. Vit. res. i lkh isp. no. 5:235-239 '61.

NEURALGIA, TRIGEMINAL

Treatment by acupuncture of neuralgia of the trigeminal nerve and neuritis of the facial nerve. R. I. Mikhailova. Stomatologiia 39 no. 6 52-55 N-D '60.

Trigeminal neuralgia as an initial symptom of the appearance neurinoma of the 8th nerve. B. G. Egorov, IU. V. Konovalov, IU. M. Filatov Vop neirokhir. 25 no. 1: 43-49 '62.

Trigeminal neuralgia in tumors of the hypophysis. L. A. Koreisha, V. V. Maslennikova, V. V. Grekhov. Vop. neirokhir 25 no. 1:49-53 '62.

NEURAMINIC ACID

Determination of glycoproteins and sialic acid in the blood serum in coronary sclerosis and myocardial infarct. V. E. Anisimov, S. F. Akhmerov Klin. med. no 1 62-66 '62

NEURASTHENIA

Compound treatment of patients with neurasthenia accompanied by cardiac disorders at the Sochi-Matsesta Health Resort L. A Glinanova. Vop kur., fizioter i lech. fiz. kul't. 26 no 4:289-293 Jl-Ag '61.

Exercise therapy in the compound treatment of neurasthenia O. V. Kamentseva. Vop kur., fizioter. i lech. fiz. kul't. 26 no. 4:297-306 Jl-Ag '61.

NEURITIS

Vascular reactions in ischemic neuritis under thermal stress. N. M. Sergeeva, A. R. Vinnitskii. Vrach. delo no. 12:107-108 D '61.

NEURITIS, MULTIPLE

Case of BF glue poisoning. V. V. Rinbokon'. Sov. med. 25 no. 9:130-133 S '61.

NEUROLOGY see subdivision under Hungary

NEUROPATHOLOGY

Neurohumoral factors in the pathogenesis of hypothension. M T Golitsynskaia Vrach delo no 6 123-126 Je '61

NEUROPSYCHIATRY see subdivision under Ternopol' Province

NEUROSES

Connection between neurotic states and conditions of their emergence [with summary in English] A. M. Klochkov. Zhur. vys. nerv. deiat. 11 no. 5.903-911 S-O '61.

Pathodynamic structure of neural processes in experimental neuroses in dogs [with summary in English]. T. N. Skorunskaia Zhur. vys. nerv. deiat. 11 no 5. 915-919 S-O '61

Using dimedrol as a soporific and sedative in the treatment of neuroses and neurotic states with disturbance of sleep. Z B Lysenko. Vrach. delo no. 6.75-76 Je '61.

NEUTRINOS

Isotopic structure of weak interactions and processes occurring during neutrino or antineutrino absorption by nucleons [with summary in English] Zhur. eksp i teor. fiz. 41 no. 6:1953-1961 D '61.

Neutrino generation in the atmosphere [with summary in English]. G. T. Zatsepin, V. A. Kuz'min. Zhur. eksp. i teor. fiz. 41 no. 6:1818-1827 D '61.

NEUTRONS

Comparison of the kinetic energies of the fission fragments of U^{238} produced by 3 and 15 Mev. neutrons I. A. Baranov, A. N. Protopopov, V. P. Elsmont. Atom energ. 12 no. 2:150-151 F '62.

Measurement of the cross sections of inelastic collisions of neutrons with chromium, iron, nickel, niobium and molybdenum nuclei at energies up to 2. 6 Mev. A. I. Abramov. Atom. energ. 12 no. 1:62-64 Ja '62.

New measurements of the age of neutrons from the fission of U^{235} in hydrogeneous substances. I. N. IUrova, A. A. Poliakov, A. A. Ignatov Atom. energ. 12 no. 2: 151-152 F '62.

NEUTRONS—CAPTURE

Effect of a resonance absorber on the absorption of slowing-down neutrons by a nucleus with a smoothly varying absorption cross section. T. V. Goiashvili. Atom. energ. 12 no. 2:155-156 F '62.

NEUTRONS—MEASUREMENT

Studying the diffusion and thermalization of neutrons in water and ice by the pulse method in a wide temperature range. A. V. Antonov and others. Atom. energ. 12 no. 1:22-29 Ja '62.

NEUTRONS—SCATTERING

Elastic neutron scattering on titanium and calcium nuclei. G. N. Lovchikova. Atom. energ. 12 no. 1:48-49 Ja '62.

Neutron scattering by molecules. G. K. Ivanov. Atom. energ. 12 no. 1:49-51 Ja '62.

NEUTRONS—SPECTRA

Energy spectrum of fast neutrons and distribution of the thermal-neutron flux in the experimental channel of the VVR reactor. N. V. Zvonov and others. Atom. energ. 12 no. 2:115-122 F '62.

NEW GUINEA, DUTCH—DEFENSES

Dangerous policy of the colonialists. N. Bagrov. Nov. vrem. 20 no. 8:19-20 F '62.

NEW GUINEA, DUTCH—POLITICS AND GOVERNMENT

Give West Irian her freedom! L. Dadiani. Mezhdunar. zhizn' 9 no. 2 116-117 F '62.

NEWS PHOTOGRAPHERS

Always with the people. S. Raskin. Sov. foto 22 no. 1:9 Ja '62.

Amateur photographers from the "Nekrasov" trawl. V. Ingin. Sov. foto 22 no. 1:39 Ja '62.

NEW STARS see Stars, New

NEWS PHOTOGRAPHY see Photography, Journalistic

NEWSPAPER AND PERIODICAL CIRCULATION
(see also subdivision under Bucharest; Irkutsk Province, Kazakhstan; Riga; Uzbekistan; Voskresensk)

All the workers at the plant are subscribers. V. Shmakov. Raspr. pech. no. 7:7 Jl '61.

All workers in the group of enterprises receive technical periodicals. B. Rivlina. Raspr. pech. no. 5:15 My '61.

Anticipating. IU. Komarov, A. Kostromina. Raspr. pech. no. 5:23-24 My '61.

At the markets and in the autobuses. T. Cheremukhina, K. Krokhman. Raspr. pech. no. 7:13 Jl '61

Does the district organizer need a work plan? D. Mazin. Raspr. pech. no. 7:20 Jl '61.

Extend the drive for communist labor. Raspr. pech. no. 5:3-9 My '61.

For an exemplary service to the population. K. Postnov. Raspr. pech. no. 7:1-3 Jl '61.

For each specialist his own periodical. F. Mustafin. Raspr. pech. no. 5:14 My '61.

Get the dispatching and delivery of printed matter under control. Raspr. pech. no. 6:1-2 Je '61.

How we analyze the work of the district offices. A. Gavrilov Raspr. pech. no. 5:20-21 My '61.

Improve planning in the distribution of printed matter. A. Garkinov. Raspr. pech. no. 7:10-19 Jl '61

Leader's example should become public property. L. Bekshenev. Raspr. pech. no. 5:19 My '61.

More concern for vacationers. K. Alin. Raspr. pech. no. 7:10-11 Jl '61.

More than two publications for every collective-farm home. L. Kosov Raspr pech. no. 7:6 Jl '61.

The new system of dispatching magazines is in operation. I. Moslondz. Raspr. pech no. 5:22 My '61.

This is how N. Khimenkov and N. Chushchenko, leading rural communication workers, do the job. V. Kiselev. Raspr. pech. no. 7:4-5 Jl '61.

To the address of a definite reader. V. Novik. Raspr. pech. no. 5:18 My '61

Today the goal of the innovators, tomorrow of the entire group. Raspr. pech. no. 5:1-2 My '61.

Work with a wide assortment of newspapers and magazines. V. Nefedov. Raspr. pech. no. 6:16-17 Je '61.

Workdays of rural communication workers. N. Vaks. Raspr. pech. no. 5:11 My '61.

NEZHDANOVA, ANTONINA VASIL'EVNA, 1873-1950

"Antonina Vasil'evna Nezhdanova and her pupils" by V. Podol'skaia. Reviewed by P. Pontriagin. Sov. muz. 26 no. 6:134-136 Ag '61.

NICKEL

Electrochemical refining of a nickel electrolyte by removing lead and zinc impurities C. S. Semikozov. Zhur. prikl. khim. 34 no. 12:2680-2685 D '61.

NICKEL—ELECTRIC PROPERTIES

Electric properties of thin nickel films at low temperatures [with summary in English]. O. S. Gaikina and others. Zhur. eksp i teor. fiz. 41 no. 6:1763-1766 D '61.

NICKEL—ELECTROMETALLURGY

Simultaneous discharge of ions of the base metal and impurities during the electrolytic refining of nickel from a chloride solution A. L. Rotinian, I. A. Shoshina. Izv. vys. ucheb. zav., tsvet. met. 4 no. 3:50-56 '61.

NICKEL CATALYSTS see Catalysts, Nickel

NICKEL COMPOUNDS

Distorted octahedral complexes of bivalent platinum, palladium, and nickel. M. A. Poraĭ-Koshits, G. B. Bokiĭ, G. A. Kukina. Zhur [illegible] 329 My-Je '61.

NICKEL-IRON ALLOYS [illegible]

NICKEL OXIDE—[illegible] PROPERTIES

Some magnetic pr[illegible] rokov, I. P. Kiri[illegible] tekh. 4 no. 4:586-590 [illegible]

NICKEL PLATING

Effect of thiourea on leveling in nickel plating. A. A. Voronko, V. A. Kaikaris. Zhur. prikl. khim. 34 no. 11: 2582-2585 N '61.

NICKEL SULFIDES—SPECTRA

Studying X-ray spectra of the compound NiS. I. A. Oysiannikova. Izv. Sib. otd. AN SSSR no. 11:80-87 '61.

NICOTINE

Action of peracetin on respiration through the stimulation of chemoreceptors of individual parts of the organism. Sh. I. Gogniashvili. Soob. AN Gruz. SSR 27 no. 4: 501-506 O '61

NICOTINIC ACID

Use of nicodine in certain diseases of the biliary tract. L. N Davidich. Vrach. delo no. 6 47-50 Je '61

NIGERIA—POLITICS AND GOVERNMENT

Nigeria, the largest African federative state. E. S. Onan. Sov. gos. i pravo 32 no. 1:98-104 Ja '62.

NIGHT FIGHTING (MILITARY SCIENCE)

Battery in a night attack. M. Pankov. Voen. vest. 41 no. 9:45-48 S '61.

Combat operations at night. D. Alekseev. Voen. vest. 41 no. 9:34-37 S '61.

During periodic illumination of a locality. G. Slashchev. Voen. vest. 41 no. 9:109-112 S '61.

Engineering company operates at night. F. Khorin. Voen. vest. 41 no. 9:90-93 S '61.

Orientation at night. I. Grabskii. Voen. vest. 41 no. 9: 71-73 S '61.

Setting up a communications center at night. A. Gudkov. Voen. vest. 41 no. 9:99-100 S '61.

Training signalmen to operate at night. A. Samarin. Voen. vest. 41 no. 9:101-102 S '61.

What experience teaches. P. Bystrykh. Voen. vest. 41 no. 9:87 S '61.

NIKOLAYEV PROVINCE—PHYTOPLANKTON

Pond phytoplankton in southern districts of Nikolaev and Kherson Provinces in the Ukrainian S. S. R. D. A. Radzimovskii Trudy Gidrobiol. ob-va 11:12-27 '61.

NIKOPOL' REGION (DNEPROPETROVSK PROVINCE)—MANGANESE ORES

Flotation of primary manganese middlings of Nikopol' plants. B. M. Lakota, V. M. Galich. Obog. rud 6 no. 4:8-13 '61.

Present status and further expansion of the dressing of Chiatura and Nikopol' manganese ores. O. S. Bogdanov, IA. I. Fomin. Obog. rud 6 no. 4:3-8 '61.

NIKOPOL' REGION (DNEPROPETROVSK PROVINCE)—MINE HAULAGE

Parameters of walker stackers for working Nikopol' manganese deposits. A. S. Krasnikov. Nauch soob Inst. gor. dela 7:45-57 '61.

NIOBIUM

Genesis of niobium-bearing granites. A. E. Severov. Izv. AN SSSR. Ser. geol. 27 no. 1:85-94 Ja '62.

NIOBIUM—CORROSION

Borisenko, A. I. [Protection of niobium from high temperature gas corrosion] Zashchita niobiia ot vysokotemperaturnoi gazovoi korrozii. Otvet. red. A. A. Appen. Moskva, Izd-vo Akad. nauk SSSR, 1961. 39 p.

NIOBIUM COMPOUNDS

Superconducting solenoids containing Nb Sn for strong magnetic fields [with summary in English]. N. E. Alekseevskii, N. N. Mikhailov. Zhur. eksp. i teor. fiz. 41 no. 6:1809-1810 D '61.

NITRATES

Vitreous state nitrates. P. I. Protsenko. Uch. zap. RGU 41.165-160 '58.

NITRATES—PHYSIOLOGICAL EFFECT

Methemoglobinemia in children caused by salts of nitric acid. F. N. Subbotin. Pediatriia no. 1:73-78 '62.

NITRIC ACID

Automatic control of nitric acid content in the process of benzene nitration. Z. E. Zin'kov, E. A. Budrina. Zhur. prikl. khim. 35 no. 1:195-Ja '61.

Distribution of nitric acid by phases in the continuous nitration of benzene. Z. E. Zin'kov, E. A. Budrina, N. G. Zakharova. Zhur. prikl. khim. 35 no. 1:139-141 Ja '62.

Electrochemical reduction of nitric acid on passive and self-dissolving cathodes [illegible] 7[illegible]

[illegible] 12 [illegible]

Working models for nitric acid production. I. S. Soldatenkova. Khim. v shkole 17 no. 1:79-82 Ja-F '62.

NITRILES

Ammonolysis of caprioic and caprylic acids to nitriles. A. A. Vvedenskii and others. Khim. prom. no. 1:11-14 Ja '62.

NITROGEN

Need in nitrogen fertilizers and their varieties in the northwestern part of the U. S. S. R. A. F. Savchenkov and others. Trudy LIEI no. 36:13-22 '61.

NITROGEN FERTILIZERS

Effect of the time of nitrogen fertilizer application on grape yields. B. A. Vashkmadze. Soob. AN Gruz. SSR 27 no. 5:547-552 N '61.

NITROGEN METABOLISM

Dynamics of nitrogenous substances during the ripening of seeds of leguminous plants E. V. Kolobkova. Trudy Glav. bot. sada 6:75-96 '61

NITROGEN OXIDE

Lowering nitrogen oxide losses in tower sulfuric acid systems by means of automatic control. B. I. Mordkovich and others. Khim. prom. no. 12:832-837 D '61.

Water absorption of small concentrations of nitrogen dioxide in dependence on the temperature and effect of ultrasonic waves and electrical ionization. M. T. Borok. Zhur. prikl. khim. 35 no. 1:99-104 Ja '62.

NITROGLYCERIN—PHYSIOLOGICAL EFFECT

Effect of papaverine, nitroglycerin and chloracizin on coronary blood circulation in disorders of the myocardial blood supply [with summary in English]. G. A Markova. Farm. i toks. 24 no. 3:292-297 My-Je '61.

NITROUS OXIDE

Potentiated surface gas anesthesia with uninterrupted curarization in surgical intervention in traumatology. B. A. Poliakskii, P. P. Bulgakov, L. M. Nosov Sov. med. 25 no. 8:123-127 Ag '61.

Use of nitrous oxide anesthesia. P. K. D'iachenko. Vest. khir. no. 7:90-97 '61.

NIVKI VALLEY—FRESH-WATER FAUNA

Zooplankton and zoobenthos in some recently built ponds of the "Nivki" Piscicultural Experiment Farm M. I. Pidgaiko. Trudy Gidrobiol. ob-va 11:105-116 '61.

NIZHNIY TAGIL—COKE INDUSTRY

In the Northern Urals. Koks i khim. no. 10:60-61 O '61.

NIZHNIY TAGIL—STEEL INDUSTRY

"Of Nizhniy Tagil origin." S. V. Makhov. Nauka i zhizn' 28 no. 10:30-31 O '61.

NOISE CONTROL

Tael, V. [Noise] Mura. Tallin, Eesti Riiklik Kirjastus, 1961. 91 p. [In Estonian]

NOMOGRAPHY (MATHEMATICS)

Analytic geometry and nomography. A. A. Glagolev. Uch. zap. MOPI 98:75-01 '60.

Nomographing of functions of several variables up to small quantities of higher order [with summary in English]. Z. M. Kiskina, M. A. Krelnes. Vest. Mosk. un. Ser. 1: Mat., mekh. 17 no. 1:9-15 Ja-F '62.

Some properties of a class of surfaces that can be nomographed in single-valued functions O. N. Muklin. Vest. Mosk. un. Ser. 1: Mat., mekh. 17 no. 1:24-20 Ja-F '62.

NON-EUCLIDIAN GEOMETRY see Geometry, Non-Euclidian

NONFERROUS ALLOYS—HEAT TREATMENT

Temperature relation of certain types of heat treatment with that of nonferrous alloy melting. M. V. Zakharov. Izv. vys. ucheb. zav., tsvet. met. 4 no. 3:115-119 '61.

NONFERROUS METAL INDUSTRIES—BY-PRODUCTS

Precipitation of sulfides and metallic copper from converter slags during crystallization. I. A. Stroitelev, V. D. Ponomarev. Izv. AN Kazakh SSR. Ser. met., obog. i ogneup. no. 3:11-19 '61.

NONFERROUS METAL INDUSTRIES—SOCIETIES, ETC. see subdivision under Armenia

NONFERROUS METALS—METALLURGY
(see also subdivision under Noril'sk)

Conference of the readers of "Tsvetnaia Metallurgiia" journal at the Severonikel' Combine. Izv. vys. ucheb. zav., tsvet. met. 4 no. 3:159-160 '61.

Interaction of calcium oxide with sulfuric anhydride at high temperatures. IU. A. Nikiforov, V. D. Ponomarev. Izv. AN Kazakh. SSR. Ser. met., obog. i ogneup. no. 3: 27-34 '61.

Kinetics of the oxidation of rhenium, molybdenum and indium sulfides in a fluidized bed. B. I. Deev, V. I. Smirnov. Izv. vys. ucheb. zav., tsvet. met. 4 no. 3: 44-49 '61.

NONFERROUS METALS -- METALLURGY (Continued)
Over-all recovery of metals from the intermediate products of the lead industry I. R Polyviannyi, R S Demchenko, V. D Solov'eva Izv AN Kazakh SSR Ser. met., obog. i ogenup. no 3 20-26 '61.
TSyganov, A. S. [Production of secondary nonferrous metals and alloys, manual for training and raising the qualification of workers] Proizvodstvo vtorichnykh tsvetnykh metallov i splavov, posobie dlia podgotovki i povyshenila kvalifikatsii rabochikh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961, 301 p.

NORIL'SK—NONFERROUS METALS—METALLURGY
Beyond the polar circle. A. Ivanov. NTO 4 no. 1:27 Ja '62

NORIL'SK REGION—PLATINUM
X-ray study of platinum from the Noril'sk deposit. V. I. Mikheev, A. I. Kalinin, E. P Sal'dau Zap LGI 38 no. 2:99-106 '61.

NORIL'SK REGION—PUBLIC HEALTH
Medical attendance for the population in the area of Noril'sk beyond the Artic Circle N M Kaverin Zdrav. Ros. Feder. 5 no. 12:6-8 D '61.

NORNICOTINE
Colorimetric method for determining the amount of nornicotine in the presence of nicotine and anabasine. M F. Mashkovtsev, A. A. Sirotenko Izv vys. uchab zav., pishch. tekh no. 5:156-166 '61.

NORTH KOREA see Korea, North

NORTHERN CAUCASUS see Caucasus, Northern

NORWAY—FREIGHTERS
Norwegian-built ships [from "The Syren," no. 3362, I/II, 1961; "Shipbuilding and Shipping Record," no. 11, 1961] Sudostroenie 27 no 11:73-74 N '61.

NORWAY—WORLD WAR, 1939-1945
Struggle for heavy water. V. Gilensen. Voen.-ist. zhur. 3 no. 9:52-61 S '61.

NORWAY SPRUCE see subdivision under White Russia

NORWEGIAN SEA—FISHERIES—RESEARCH
Results of the fourth expedition of the submarine "Severianka." O. A. Sokolov. Biul Okean.kom no. 8:29-31 '61.
Sixth research cruise of the submarine "Severianka" M. I Ryzhenko and others Okeanologiia 1 no 6 1094-1096 '61

NORWEGIAN SEA—OCEANOGRAPHIC RESEARCH
First cruise of the research ship "Sevastopol" under the program of the International Geophysical Year in 1959 V. M. Litvin. Biul. Okean kom. no. 8:21-23 '61.
Some results of the cruise of the research ship "Sevastopol" in the spring of 1959. E V Soliankin, M. S. Edel'man. Biul. okean.kom. no. 8:24-28 '61.

NOSE
Method for studying classifying the ventilating function of the nose [with summary in English]. M IA. TSypin Zhur. ush., nos i gorl. bol. 21 no. 5 45-49 S-O '61.
Participation of nasal muscles in the activity of the olfactory analyzer. A. P. Marevskaia. Fiziol. zhur. 47 no. 6:697-703 Je '61.

NOSE—CANCER
Case of rhinophyma with degeneration into cancer. E. F. Bogatskii. Zhur. ush., nos. i gorl. bol. 21 no 4: 78-79 Jl-Ag '61.
Malignant nonspecific granulomas of the nose. A. F. Fotin, N. N. IUdov, R. P. Kogan. Vest. otorin. no. 6: 43-50 '61.

NOSE—SURGERY
Scraper for removing a hump from the nose. T S. Zhordaniia. Zhur.ush., nos. i gorl. bol. 21 no. 5 94 S-O '61.

NOSE—TUMORS
Changes in the epithelium of the polypi of the nasal cavity. L. A. Cherkasskii. Vop. onk. 7 no. 12.55-62 '61.

NOSE, ACCESSORY SINUSES OF
State of the mucosa of the maxillary sinuses in chronic rhinitis [with summary in English]. A. I. TSyganov. Zhur. ush., nos. i gorl. bol. 21 no. 4:46-49 Jl-Ag '61.

NOSE, ACCESSORY SINUSES OF—DISEASES
Allergy in the pathogenesis of polyposis of the nose and its accessory sinuses. I. M. Sobol'. Vest. otorin. no. 6:3-11 '61.
Rhinolith penetrating into the maxillary sinus. M. N. Dukhovnyi. Zhur ush., nos. i gorl. bol. 21 no 5:74 S-O '61.

NOSE, ACCESSORY SINUSES OF—TUMORS
Cholesteatoma of the ethmoidal labyrinth. O. V. TSistan. Zhur ush., nos. i gorl. bol. 21 no. 5:82 S-O '61.

NOSOV, NIKOLAI
"Adventures of Tolia Kliukvin" by N. Nosov. Reviewed by S. Baruzdin Neva no 12 197-198 '61

NOTARIES see subdivision under Kharkov Province

NOVGOROD PROVINCE—EDUCATIONAL RESEARCH
Work of the pedagogical section of a student scholarly society G. A. Kliuchnikov Uch. zap Ped Inst. Gerts. 201:153-160 '61

NOVGOROD PROVINCE—GUIDEBOOKS
Semenov, A. I. [Tourists' routes across Novgorod Province] Turistskie marshruty po Novgorodskoi oblasti. [Novgorod] Knizhnaia red. gazety "Novgorodskaia pravda," 1961 77 p.

NOVOCAINE
Autochemotherapy with novocaine. S. I. Dovzhanskii Sov med. 25 no. 7 152 Jl '61.
Influence of novocaine on the higher nervous activity in dogs [with summary in English]. L. O. Zeval'd. Zhur. vys nerv deiat 11 no 5 860-867 S-O '61.
Intradermal novocaine block in pain syndrome in the clinical aspects of internal disease. B. D. Borevskaia, L. A. Ivanova, D. V. Anisimova. Sov. med. 25 no 9: 122-125 S '61
Intratracheal administration of penicillin and novocaine in the treatment of bronchial asthma. A. S. Simonenko. Vrach. delo no. 6 127-128 Je '61.
Significance of a novocaine block of the aortic-cardiac plexuses in the treatment of stenocardia V L Khenkin. Vrach delo no 6,39-42 Je '61.
Treatment of dry seborrhea (seborrhaea sicca) by nitramuscular infusions of novocaine. I. F. Lipnitskii. Vest. derm i ven. no. 1 70-72 '62.
Treatment of eczemas with a preparation containing vitamin B complex, dimedrol and novocaine ("VDN-6") [with summary in English]. V. A Dobrotvortsev Sov med. 25 no. 8.113-118 Ag '61.
Treatment of hemorrhoids with alcohol-novocaine blocks. P. P. Laktionov Vest. khir. no. 1:79-80 '62.
Treatment of infectious polyarthritis of undetermined etiology by novocaine electrophoresis in the area of the spleen. Z. E. Bykhovskii, P. F. Liudvinskaia. Vop kur., fizioter. i lech. fiz. kul't. 24 no. 6:499-502 N-D '59.
Treatment of paroxysmal tachycardia using a carotid sinus novocaine block. V. V. Zadoiannyi. Vrach.delo no. 12:135-137 D '61.

NOVOCAINE—THERAPEUTIC USE
Treating traumatic edema of the brain with novocaine. A. D. Gagulashvili, V. R Maisaia. Soob. AN Gruz. SSR 27 no 4:491-496 O '61.

NOVOCHERKASSK—TECHNICAL EDUCATION
Results of the reorganization of training. M. Matsynin, P. Gusev. Avt. transp. 40 no. 1:46-47 Ja '62.

NOVOGRUDOK—GLASSWARE
Two glass vessels from Novogrudok. R. M. Dzhanpoladian. Viz. vizem 19:166-171 '61.

NOVOKUZNETSK PROVINCE—CONSTRUCTION INDUSTRY
Let's build using industrial methods. I. Diadyk. Ekon. stroi. no. 11:17-25 N '61.

NOVO-OTRADNOYE—CLASSICAL ANTIQUITIES
Archaeological excavations near the village of Novo-Otradnoye in 1959. T. M. Arsen'eva. Krat. soob. Inst. arkheol. no. 86:66-69 '61.

NOVO-OTRADNOYE—EXCAVATIONS (ARCHAEOLOGY)
Archaeological excavations near the village of Novo-Otradnoye in 1959. T. M. Arsen'eva. Krat. soob. Inst. arkheol. no. 86:66-69 '61.

NOVOSIBIRSK—MUSIC
City of the brave and city of the friendly. V. Zak. Sov. muz. 26 no. 1:105-111 Ja '62.

NOVOSIBIRSK—PLASTICS INDUSTRY—QUALITY CONTROL
Hourly graph. I. Egorov. Mest. prom. i khud. promys. 2 no. 7-8 Jl '61.

NOVOSIBIRSK—THEATER
"Mamasha Kurazh." Boris Riasentsev. Teatr 22 no. 8:119-120 Ag '61.

NOVOSIBIRSK HYDROELECTRIC POWER STATION
Significance of hydroelectric forecasts for streamflow regulation in power engineering as exemplified by the Novosibirsk Hydroelectric Power Station. S. M Musaelian Izv. AN Arm. SSR. Ser. tekh. nauk 14 no. 5:61-66 '61.

NOVOSIBIRSK PROVINCE—EDUCATION
In the ranks of the best. Nar. obr. no. 1:37 Ja '62.

NOVOSIBIRSK PROVINCE—STONE
Working the Bugotak quarry for the Novosibirsk Hydroelectric Power Station. I. I. Savinov. Energ. stroi. no 20-98-102 '61.

NOZZLES, SUPERSONIC see Supersonic nozzles

NUCLEAR COUNTERS
Use of semiconductor spectrometric counters for measuring the energy of fragments. N. M. Kazarinov and others. Atom energ 12 no. 2:153-154 F '62.

NUCLEAR ENGINEERING
Electromagnetic conveyance of containers. D. D. Dobrlakov, I. M. Kirko. Atom. energ 12 no. 1:80-84 Ja '62.

NUCLEAR ENGINEERING—EXHIBITIONS
Pavilion "Atomic Energy for Peaceful Uses" at the Exhibition of Achievements of the National Economy" of the U. S. S. R. in 1961. V. M. Patskevich Atom energ. 12 no 1:73-77 Ja '62.

NUCLEAR FISSION
Comparison of the kinetic energies of the fission fragments of U^{238} produced by 3 and 15 Mev neutrons. I. A. Baranov, A. N. Protopopov, V. P. Elsmont. Atom. energ. 12 no. 2:150-151 F '62
Measuring the radioactivity of short lived gamma in a mixture of fission products V. A. Bryzgunov Atom. energ 12 no. 1:40-47 Ja '62
New measurements of the age of neutrons from the fission of U^{235} in hydrogeneous substances L. N. IUrova, A. A. Potlakov, A. A. Ignatov. Atom. energ 12 no. 2: 151-152 F '62
[Spontaneous fission with an anomalously short period] Spontannoe delenie s anomal'no korotkim periodom. Dubna, Ob"edinennyi in-t iadernykh issl. [With summary in English]
Pt 1. Polikanov, S. M., and others. 1962. 17 p.
Pt. 2 Perelygin, V. P., and others. 1962. 7 p.
Use of semiconductor spectrometric counters for measuring the energy of fragments. N. M. Kazarinov and others Atom energ. 12 no. 2:153-154 F '62.

NUCLEAR FISSION—CONGRESSES
Conference on Fission Physics. V. P. Elsmont. Atom. energ. 12 no 1:78-80 Ja '62.

NUCLEAR GEOPHYSICS
Voitkevich, G. V. [Problems of nuclear geology] Problemy radiogeologii. Red. L. V. Komlev Moskva, Gos. nauchno-tekhn izd-vo lit-ry po geol. i okhrane nedr. 1961 300 p.

NUCLEAR MAGNETIC RESONANCE AND RELAXATION
Alfimenkov, V. P., and others. [Observation of the Mossbauer effect in Sm^{149}] Nabliudenie effekta Messbauera v Sm^{149}. Dubna, Ob"edinennyi in-t iadernykh issl., 1961. 6 p. [With summary in English]
Chemical shifts of signals of the nuclear magnetic resonance of fluorine in aqueous solutions containing F^-, HF_2^- and NH_4^+ ions. Van I-tsin. Zhur. strukt. khim 2 no. 3:367-368 My-Je '61.
Nuclear quadrupole resonance in some bromine and iodine compounds. G. K. Semin. Zhur. strukt khim. 2 no. 3:370-373 My-Je '61.

NUCLEAR MODELS
Plausible model of Λ- particle generation in high-energy πN-collisions [with summary in English]. Wang Yung, Hu Shih-k'o. Zhur. eksp. i teor. fiz. 51 no. 6: 1868-1869 D '61.

NUCLEAR PHOTOGRAPHY see Photography, Particle track

NUCLEAR PHYSICS—BIBLIOGRAPHY see Bibliography—Nuclear physics

NUCLEAR PHYSICS—INSTRUMENTS
Wide-range nuclear quadrupole resonance spectrometer. V. V. Dmitrachenko, A. I. Kitaigorodskii, B. M. Kozyrev. Vest AN SSSR 32 no. 1:74-76 Ja '62.

NUCLEAR REACTIONS
Barashenkov, V. S., and V. M. Mal'tsev. [Generation of deuterons in the interaction of fast nucleons with nuclei] Obrazovanie deitonov pri vzaimodeistvii bystrykh nuklonov s iadrami. Dubna, Ob"edinennyi in-t iadernykh issl., 1961. 8 p. [With summary in English]
Coulomb and nuclear interactions in deuteron stripping reactions [with summary in English]. V. G. Sukharevskii, I. B. Teplov. Zhur. eksp. i teor. fiz. 41 no. 6: 1842-1844 D '61.
Coupling constants in μ-capture [with summary in English]. L. D. Blokhintsev, E. I. Dolinskii. Zhur. eksp. i teor. fiz. 41 no. 6:1986-1995 D '61.
Investigation of the reactions $Li^6(t,n)$, $Li^7(t,n)$, $Li^7(He^3,n)$, $Be^9(t,n)B^{11}$, and $Be^9(He^3,n)C^{11}$. V. I. Serov, B. IA. Guzhovskii Atom. energ. 12 no. 1:5-11 Ja '62.
Isotopic structure of weak interactions and processes occurring during neutrino or antineutrino absorption by nucleons [with summary in English]. Zhur. eksp. i teor. fiz. 41 no. 6:1953-1961 D '61.
Klun, B., V. I. Salatskii, and I. V. Sizov. [Study of the reaction $C^{12}(t,p)C^{14}$. Dubna, Ob"edinennyi in-t iadernykh issl, 1961. 15 p. [With summary in English]

NUCLEAR REACTIONS (Continued)

Levels of the Si^{30} nucleus from the reaction $Si^{29}(d,p)Si^{30}$ [with summary in English]. K. I. Zherebtsova and others. Zhur. eksp. i teor. fiz. 41 no 6: 1761-1762 D '61.

π-Meson production in weak interactions [with summary in English] IA. I. Azimov Zhur. eksp. i teor. fiz 41 no. 6:1879-1881 D '61

Observation of the reaction $\mu^- + He^3 \rightarrow H^3 + \nu$ [with summary in English] O. A. Zaimidoroga and others Zhur. eksp. i teor. fiz. 41 no 6,1804-1808 D '61.

Study of the reaction C^{12} $(\alpha, 4\alpha)$ [with summary in English]. S. S. Vasil'ev, V. V. Komarov, A. M Popova Zhur. eksp. i teor. fiz. 41 no 6,1757-1760 D '61

Study of the reaction $\pi^- + n \rightarrow \pi^- + n + m\pi^0$ with a beam of 2, 8 Bev /c π^--mesons [with summary in English]. IU. D. Baiukov, G. A. Leksin, IA. IA. Shalamov. Zhur. eksp. i teor. fiz. 41 no 6:1787-1792 D '61

NUCLEAR REACTORS

(see also subdivision under Bulgaria, United States)

Conditions for using the transfer functions of a reactor. P. Kovanic Atom. energ. 12 no 2:123-126 F '62.

Critical experiments on the stand of a heavy-water fuel rod reactor. IU. G. Abov, V. F. Belkin, P. A. Krupchitskii. Atom. energ. 12 no 2 156-159 F '62

Energy spectrum of fast neutrons and distribution of the thermal-neutron flux in the experimental channel of the VVR reactor. N. V. Zvonov and others. Atom. energ. 12 no. 2:116-122 F '62

Investigation of an assembly of uranium rods for the BF-5 reactor. V. I. Galkov. Atom. energ. 12 no. 1: 56-57 Ja '62.

Profiling of a thermal load along the length of a reactor channel, taking irregular heating of the coolant into account [with summary in English]. N. N Ponomarev-Stepnoi. Inzh.-fiz. zhur. 5 no. 2, 42-46 F '62.

Steam-cooled NDA fast reactor. Atom. energ. 12 no. 2: 169-170 F '62

NUCLEAR REACTORS—CONGRESSES

Seminar on the physics of reactors operating on fast and intermediate neutrons. Atom. energ. 12 no. 2:161-162 F '62

NUCLEAR SPIN

Depolarization of μ^--mesons in the formation of μ-mesic atoms on spin $\frac{1}{2}$ nuclei [with summary in English] A. P. Bukhvostov, I. M. Shmushkevich Zhur. eksp. i teor. fiz. 41 no. 6:1995-1996 D '61.

Nikanorov, V. I., and others. [Measurement of the spin correlation coefficient C_{kp} for proton-proton scattering at an energy of 660 Mev.] Izmerenie koeffitsienta spinovoi korrelatsii C_{kp} dlia (p-p) - rasseianiia pri energii 660 Mev. Dubna, Ob"edinennyi in-t iadernykh issl., 1961 8 p. [With summary in English]

Selection rule $|\Delta T| = \frac{1}{2}$ and the decay of hypernuclei. V. A. Liul'ka. Izv. vys. ucheb. zav.; fiz. no. 6:90-94 '61.

NUCLEI, ATOMIC

Distances between nuclear energy levels [with summary in English] V. A. Kravtsov. Zhur. eksp. i teor. fiz. 41 no 6:1852-1860 D '61.

Interaction of gamma-quanta with oriented nonspherical nuclei [with summary in English]. S. F. Semenko, B. A. Tulupov. Zhur. eksp. i teor. fiz 41 no. 6:1996-2001 D '61.

Measurement of the cross sections of inelastic collisions of neutrons with chromium, iron, nickel, niobium and molybdenum nuclei at energies up to 2. 6 Mev A. I. Abramov. Atom. energ 12 no. 1:62-64 Ja '62.

Polarization of electrons elastically scattered on nuclei. V. M. Arutiunian. Izv. AN Arm. SSR. Ser. fiz. -mat. nauk 14 no. 6:93-98 '61.

NUCLEI, ATOMIC—DECAY

Selection rule $|\Delta T| = \frac{1}{2}$ and the decay of hypernuclei. V. A. Liul'ka. Izv. vys. ucheb. zav., fiz. no. 6 90-94 '61.

NUCLEIC ACIDS

Change in the content of ribonucleic acid and nucleotides during differentiation and maturation of bone marrow cells in healthy persons (A method for ultraviolet ray cytospectrophotometry). V. P. Gurbanov. Probl. gemat. i perel. krovi no. 11:3-11 '61.

Cytochemistry of nucleic acids in the process of the development of archesporial cells of the cotton plant anther. IU. L. Nikiforov. Izv. AN Turk. SSR. Ser. biol nauk no. 6:7-17 '61.

Effect of general Co^{60} irradiation on the ribonucleic and desoxyribonucleic acid content in the wall of the small intestine of animals [with summary in English]. P. M. Beliaev. Med. rad. no. 6 34-38 '61.

Metabolism of phosphorus nucleic acids, phosphoproteins and phospholipids in the cells of Ehrlich ascites tumor. M. F. Stilanitskaia, I. F. Seits. Vop. onk. 7 no. 12:3-8 '61.

Role of soluble ribonucleic acid in the transfer of glycosyl groups. A. N. Petrova, T. T. Bolotina. Dokl. AN SSSR 142 no. 3:716-718 Ja '62.

NUCLEONS

Efimov, G. V. [Renormalization of models in the theory of a field with a fixed nucleon] O perenormirovke modelei teorii polia s fikstrovannym nukleonom. Dubna, Ob"edinennyi institut iadernykh issl., 1961 12 p. [With summary in English]

Isotopic structure of weak interactions and processes occurring during neutrino or antineutrino absorption by nucleons [with summary in English] Zhur. eksp. i teor. fiz 41 no. 6:1953-1961 D '61

NUCLEOTIDES

Change in the content of ribonucleic acid and nucleotides during differentiation and maturation of bone marrow cells in healthy persons (A method for ultraviolet ray cytospectrophotometry) V. P. Gurbanov. Probl. gemat. i perel. krovi no 11 3-11 '61

NUMBERS, THEORY OF

Analog of Waring's problem [with summary in English]. A. A. Karatsuba Vest. Mosk. un. Ser. 1, Mat., mekh 17 no 1:38-46 Ja-F '62

Lost solution. S. Il'enko. Znan. ta pratsia no 1:14-15 Ja '62.

Theory of numbers at Moscow University in the 19th century. N. N. Morozova. Uch. zap. MOPI 98 3-46 '60.

NUMMULITES see subdivision under Nakhichevan A.S.S.R.

NUREMBURG TRIAL OF MAJOR GERMAN WAR CRIMINALS, 1945-1946

The verdict of history. G. Aleksandrov. Sots. zakon. 38 no. 12 51-54 D '61.

NUTRITION

People's university of health and living conditions V. H. Pavleshko Nauka i zhyttia 11 no 10 44-47 O '61.

NUTRITION SURVEYS see subdivision under Tajikistan

NUTS see subdivision under Bostandyk District; Kirghizistan

NYASALAND—POLITICS AND GOVERNMENT

Seething Zomba V Silant'ev. Az. i Afr. seg. no 1:42-44 Ja '62

NYLON

Investigating the effect of vacuum on the quality of secondary polycaproiactam in autoclave liquefaction A M. Belotserkovskii, G A Voloskov. Plast. massy no. 9, 63-66 '61.

Nephopexy with the aid of capron. D. P. Chukhrienko. Vest. khir. no. 6:110-111 '61.

Use of capron in industry. V. N. Kestel'man. Mashinostroitel' no 1 46 Ja '62

Use of secondary capron in the manufacture of industrial products. B. G Sizov Plast. massy no. 9:67 '61

Zemliakov, I. P. [Machine parts made of capron] Kapron - material dlia detalei mashiny. Moskva, Mashgiz, 1961. 97 p.

NYLON—TESTING

Strength analysis of capron and ceramic-metal bushings at normal and lower temperature S F Chukmasov and others. Vest. mash 42 no 1:49-51 Ja '62

NYSTAGMUS

Positional nystagmus [with summary in English] G M. Grigor'ev. Zhur. ush., nos. i gorl. bol. 21 no 5:23-28 S-O '61.

Significance of the conditioned reflex component in the genesis of vestibular reactions, in particular nystagmus. S. P. Fel'dman, E. V. Fetisova Vest. otorin. no. 6: 55-61 '61.

NYSTATIN

Stability of dry samples of nystatin and its medicinal forms [with summary in English]. A. E. Tebiakina, S. M. Chnikovskaia, T. G. Venkina. Antibiotiki 6 no. 6: 547-551 Je '61.

OAK

(see also subdivision under Bialowieza Forest; White Russia)

Differentiation of trees in the plant-associations of oak plantations. V. I. Parfenov. Sbor. bot. rab. Bel. otd. VBO no. 2.219-223 '60

Master the silvicultural theory and introduce advanced methods in afforestation; seminar on planting oak in clusters. Les. khoz. 14 no. 12:8-16 D '61.

Soldatov, A. G. [Growing high-production oak forests] Vyrashchivanie vysokoproduktivnykh dubrav. Moskva, Izd-vo sel'khoz. lit-ry zhurnalov i plakatov, 1961. 173 p. (DA)

A speech by the Academician T. D. Lysenko delivered to the seminar on planting oak in clusters. Les. khoz. 14 no. 12:17-21 D '61.

OBESITY see Corpulence

OBRUCHEV, VLADIMIR AFANAS'EVICH, 1863-1956

In memory of V. A. Obruchev. Vest. AN SSSR 32 no. 1: 142-143 Ja '62

OBSESSIONS

Various forms of obsessional neurosis. V T Bakhur. Vrach delo no 6 137-138 Je '61.

OBSTETRICS

Leningrad. Institut usovershenstvovaniia vrachei, im. S. M. Kirova. [Obstetrical and gynecological practice; transactions] Akusherstvo-ginekologicheskaia praktika, trudy. Pod red. A. E Mandel'shtama. Leningrad, 1960. 214 p. (DNLM)

Role of bromine and caffeine in the compound treatment of premature termination of pregnancy G. P Lisitsa. Akush i gin no 5 67-70 '61

Work of gynecological consultation centers in Krasnoyarsk Territory in the prevention of obstetric and gynecological diseases I N Ezteshvili Akush i gin. no 5 111-112 '61

OBSTETRICS—APPARATUS AND INSTRUMENTS

Pneumatic bandage for increasing labor activity. E. V Molzhaninov Akush i gin no 5 35-38 '61

OBUKHOVA, NADEZHDA ANDREEVNA, 1886-1961

From autobiographic notes N Obukhova. Sov. muz. 26 no 1 81-88 Ja '62.

OCCULTATIONS

Akademiia nauk SSSR. Institut teoreticheskoi astronomii. [Lunar occultations of stars visible in Abastumani, Irkutsk, Kazan, Kiev, Kitab, Leningrad, Lvov, Moscow, Odessa, Riga, Dushanbe, Tashkent, Tomsk and Kharkov in 1962-1963] Pokrytiia zvezd lunoiu vidimye v Abastumani, Irkutske, Kazani, Kieve, Kitabe, Leningrade, L'vove, Moskve, Odesse, Rige, Stalinabade, Tashkente, Tomske, Khar'kove v 1962-1963 gg. Moskva, Izd-vo Akad. nauk SSSR, 1961. 60 p. (Prilozhenie k "Astronomicheskomu Ezhegodniku SSSR" na 1963 g.)

OCCUPATIONAL DISEASES

(see also subdivision under Uzbekistan)

Microflora of suppurative diseases in workers of various professions A V. Poliants. Med zhur Uzb. no. 7 22-24 Jl '61.

Occupational fungous diseases. A. M. Arievich. Vest. derm. i ven. no. 1:3-9 '62

OCEAN

Inozemtsev, I. V. [Alone on the ocean; a discourse on books] Odni v okeane; beseda o knigakh. Moskva, Gos. Biblioteka SSSR im. V. I. Lenina, 1961. 18 p.

OCEAN CURRENTS

Calculation of deep circulations in the ocean M N Koshliakov. Okeanologiia 1 no 6 997-1002 '61

The "difference method" for measuring ocean currents. N. N. Sysoev. Biul. Okean. kom no. 8, 81-83 '61

Heat advection by currents in the Chukchi Sea. B. A. Kagan. Probl. Arkt. i Antarkt. no. 9:23-27 '61.

Method of calculating stationary currents in case of unstable atmospheric stratification B. A Kagan, S. P. Rebenok. Okeanologiia 1 no. 6 1003-1006 '61

Observation of currents in darkness by the use of fastened floats. N. I. Dem'ianov. Probl. Arkt. i Antarkt. no. 9: 98-99 '61.

Submarine tracts. N. Morozovskii. Znan. sila 36 no. 12: 5 D '61.

OCEAN LINERS see subdivision under France

OCEAN TEMPERATURE

(see also subdivision under Antarctic regions, Atlantic Ocean; Chukchi Sea; Kolyma Gulf)

Possibility of determining the components of marine heat content. G. I. Baranov. Probl. Arkt. i Antarkt. no. 9:17-22 '61.

OCEANOGRAPHIC INSTRUMENTS

New self-recorders for anchored buoy stations. N. N. Sysoev. Okeanologiia 1 no. 6 1079-1082 '61.

OCEANOGRAPHIC RESEARCH

(see also subdivision under Atlantic Ocean; Caspian Sea; Kara Sea; Norwegian Sea)

Brief news. N. N. Gorskii. Biul. Okean. kom. no. 9:63-66 '61.

Comprehensive investigation of luminescence in the sea during scientific expeditions. N. I. Tarasov, I. I. Gitel'zon. Biul. Okean. kom. no. 8:75-80 '61.

Submarine as a new means of oceanographic research. S. I. Potaichuk. Biul. Okean kom. no. 8, 73-74 '61.

OCEANOGRAPHY

M. V. Lomonosov's works in the field of oceanography; on the 250th anniversary of his birth V. A Perevalov Okeanologiia 1 no. 6-1120-1125 '61.

Problems associated with the study of seasonal variation in the level of the world ocean L. I. Galerkin. Okeanologiia 1 no. 6.1108-1117 '61.

Tidal variability of hydrological conditions. V. V. Rossov Okeanologiia 1 no. 6-1104-1107 '61

637475 O - 62 - 13

OCEANOGRAPHY—BIBLIOGRAPHY see Bibliography—Oceanography

OCCUPATIONAL DISEASES
Occupational epicondylitis of the arm [with summary in English]. N. S Tolstopiatova Vest rent i rad 36 no 5:46-51 S-O '61

Some problems in the X-ray study of occupational changes in the bones and joints [with summary in English] A A Lemberg. Vest rent i rad 36 no 5 9-16 S-O '61.

X-ray method of investigation in the detection and study of occupational diseases in the U S. S R. [with summary in English] K P Molokanov. Vest rent i rad 36 no 5 4-9 S-O '61

OCTENE
Alkylation of toluene by commercial isooctylene. E.B Sokolova, M. P. Shebanova, V. I. Ishkina. Izv. vys. ucheb. zav.; khim. i khim. tekh. 4 no. 4:657-660 '61.

OCULOMOTOR NERVE
Presence of phasic and tonic neuromotor units in the oculomotor apparatus of rabbits D P. Matiushkin Fiziol. zhur. 47 no 7,878-883 Jl '61

ODESSA—BUILDING—TECHNOLOGICAL INNOVATIONS
A second profession. A Volik NTO 3 no 12 40 D '61

ODESSA—HARBOR
Rakhlis, I. M., F. D. Romanovskii, and V. S. Turetskii. [Over-all mechanization of loading and unloading operations, practices of the Odessa Port] Kompleksnaia mekhanizatsiia pogruzochno-razgruzochnykh rabot; opyt Odesskogo porta. Moskva, Izd-vo "Morskoi transport," 1961. 112 p (Biblioteka obmena opytom na morskom transporte)

ODESSA—MACHINERY INDUSTRY WORKERS—MEDICAL CARE
Dispensary care for patients with skin diseases at the October Revolution Machine Construction Plant in Odessa [with summary in English] S I Matuskov, N. S. Kossiura-Polevaia. Sov. med. 25 no. 9:82-85 S '61.

ODESSA—THEATER
"Haidemaks." Ivan Piskun. Teatr 22 no. 8:117-119 Ag '61

ODESSA, BATTLE OF, 1941
The fleet is in. V. Zheltov. Sov. voin 43 no 14:34-35 Jl '61.

ODESSA REGION—STONE AGE
Paleolithic site in the Odessa region; archaeological excavations of 1959 P. I. Boriskovskii. Krat. soob. Inst. arkheol. no. 86:28-35 '61

OEDEMA see Edema

OFFENSES, MILITARY see Military offenses

OFFENSES AGAINST SOCIALIST PROPERTY
(see also subdivision under Mogilev Province)

Criminal responsibility for destroying and inflicting damage to goods. A. Mamutov. Uch. trudy Kazakh. gos. un. Ser. iur. no. 5:247-269 '59.

How we achieved the complete compensation of damage caused by the pilfering of socialist property A. Otelir Rad. pravo no. 4:128-129 Jl-Ag '61.

Offenses against state property. K. Nikolaev. Sots. zakon. 39 no. 1:60 Ja '62.

Responsibility for offenses against socialist property. S. Tykhenko, P. Mityshev'kyi. Rad pravo no. 4:50-60 Jl-Ag '61.

"Struggle against the theft of socialist property by the forgery of documents" by S. I. Tikhenko. Reviewed by A. T. Guzhin, P. T. Nekipelov, V. A. Stemovskii. Izv vys. ucheb. zav. ;prav. 5 no. 2:176-178 '61.

OFFICE EQUIPMENT AND SUPPLIES
Matter of great state importance. V. Isakov. Tyl i snab. Sov. Voor. Sil no. 10:76-83 O '61.

OFFICE PRACTICE IN GOVERNMENT
Bring bureaucrats to account. Sots. zakon. 39 no. 1:15-18 Ja '62.

OIL BURNERS
Food boilers operated on liquid fuel. N. Trekhov, A. Chubyrin. Tyl. i snab. Sov. Voor. Sil 21 no. 11:89-90 N '61.

OIL CAKES—ANALYSIS
Determining the oleaginousness of seeds and oil cakes under field conditions. A. L. Markman, M. A. Avazova. Masl.-zhir. prom. 27 no. 11:43 N '61.

OIL FIELD BRINES
Capillary rise of water in a porous medium [in Azerbaijani with summary in Russian]. N. D. Tairov, A. Sh. Asadov. Izv. AN Azerb. SSR, Ser. geol. -geog. nauk i nefti no. 5:95-101 '61.

OIL FIELD FLOODING
(see also subdivision under Neftyanyye Kamni region)

Effect of adding surfactants to various waters and the properties of displaced hydrocarbon fluids in capillary desaturation [in Azerbaijani with summary in Russian] A Sh. Asadov. Azerb neft khoz 40 no 11 22-26 N '61.

OIL FIELDS—COMMUNICATION SYSTEMS
Using power distributing networks in oil fields for transmitting communication and remote control signals M. E. Piekhanova, V. K. Zhegalov. Trudy VNII no 35: 98-116 '61.

OIL FIELDS—EQUIPMENT AND SUPPLIES
Engineering properties of upset ends of drilling pipes. F. V Vdovin. Biul. nauch. -tekh. inform. VNITI no 4/5: 165-173 '58.

Improving flowing oil-well equipment. V. A. Pertsov. Bezop. truda v prom. 5 no. 12:32 D '61.

KChs-1 frequency-combination remote control system. V. K. Zhegalov. Trudy VNII no. 35:122-128 '61.

Kershenbaum, IA. M., and M. IA. Udolovich. [Repair and assembly of oil-field equipment] Remont i montazh neftepromyslovogo oborudovaniia Moskva, Gos. nauchno-tekhn. izd-vo neft i gorno-toplivnoi lit-ry, 1962. 392 p.

Study of the stability of resonance relay networks for the ChT-3 type system. A. L. Abrukin, D. O. Olegov Trudy VNII no. 35:117-121 '61.

Theory and practice of constructing frequency remote control systems for distributed objects. A. L Abrukin Trudy VNII no. 35:81-97 '61.

OIL FIELDS—PRODUCTION METHODS
(see also subdivision under Krasnodar Territory; Ordzhonikidze region, Azerbaijan; Romashkino region)

All-Union conference on developing oil and gas fields. Neft khoz 39 no 9:82-84 S '61.

Exclusion of bottom waters with petroleum-paraffin solutions. F. I. Romaniuk and others. Trudy VNII no. 35:61-67 '61.

Exclusion of bottom waters with synthetic tars. F. I. Romaniuk, N. V. Kamenskii, N. E. Ogneva. Trudy VNII no. 35:68-80 '61.

Fire recovers oil. IA. Shvydenko. Znan. ta pratsia no. 1:22-23 Ja '62.

Joint exploitation of several layers with one flowing well. B. S Krutikov. Trudy VNII no. 35:11-21 '61.

Technical progress in the oil production of the R. S. F. S. R. in the period following the 20th Congress of the CPSU. D. D. Gruz'. Neft. khoz. 39 no. 10:8-12 O '61.

Telemetering of flow in wells. V. A. Sushilin. Trudy VNII no. 35:170-191 '61.

OIL FILTERS
Oil purification by a full-flow reactive centrifuge. G. A. Smirnov, A G. Metelkin. Trakt. i sel'khozmash 31 no. 2:9-11 D '61.

OIL HYDRAULIC MACHINERY
Designing the automatic changeover systems of the hydraulic transmission of diesel locomotives. G. V Popov. Vest TSNII MPS 20 no. 3 20-25 '61.

Hydraulic clamp for pipes. IU. A. Vlazovoi. Mashinostroitel' no. 1, 20 Ja '62.

OIL INDUSTRIES
(see also subdivision under Rostov Province)

Obligations in honor of the 22d Congress of the CPSU have been fulfilled Masl.-zhir. prom. 27 no. 11:1-3 N '61.

On the way to technical progress. I. M. Tovbin. Masl.-zhir. prom 27 no. 11:3-7 N '61.

Some results of the transition to the shortened workday in the oils and fats industry. N. A. Galushkina, I. D. Sazonova. Masl.-zhir. prom. 27 no. 11:11-14 N '61

OIL INDUSTRIES—EQUIPMENT AND SUPPLIES
(see also subdivision under Vitebsk)

Needle valve for hydrators. L. I. Vlasova. Masl.-zhir. prom. 27 no. 11:43-44 N '61.

Some tasks of the designing of enterprises in the oils and fats industry. V. K Rubtsov, L. E. Borovoi. Masl.-zhir. prom. 27 no. 11:15-19 N '61.

Wear of screw press parts. G. A. Preis. Izv. vys. ucheb. zav., pishch. tekh no. 5 116-121 '61

OIL RESERVOIR ENGINEERING
(see also subdivision under Bashkiria)

Approximative method of solving steady-state problems of the theory of flow. M. A. Gusein-zade. Izv. vys. ucheb. zav.; neft' i gaz 4 no. 6:97-104 '61.

Determining the yield of a well where there is horizontal fracturing with fill material. I. F. Kuranov, IU. M. Shekhtman Neft. khoz. 39 no. 8:37-39 S '61.

Displacement of the interface of two phases in liquids under elastic conditions. M. T. Abasov and others. Izv. AN Azerb. SSR. Ser. geol. -geog. nauk i nefti no 4: 121-125 '61.

Displacement of the oil-water boundary in nonuniform strata. M. A. Gusein-Zade. Trudy MINKHIGP no 33: 93-100 '61.

Effect of the nonuniformity of strata on the interference of wells. M. A. Gusein-Zade Trudy MINKHIGP no 33: 75-83 '61.

Examples of using the indirect method for deriving the formulas for computating improper integrals from Bessel functions. V. N. Shchelkachev. Trudy MINKHIGP no. 33:42-47 '61.

Exploiting an oil pool at pressures below the saturation pressure. V F. Usenko. Izv. vys. ucheb zav. ,neft' i gaz 4 no. 6:55-62 '61.

Flow of a two-phase liquid in a porous medium. Chen' Chzhun-sian [Ch'ên Chung-hsiang]. Trudy MINKHIGP no. 33:263-281 '61

Graphs of the rise and fall of oil well bottom pressure and the skin effect in the simple nonuniform strata. V. N. Shchelkachev. Trudy MINKHIGP no 33 11-26 '61.

Institute for the Development of Oil and Gas Fields of the Academy of Sciences of the Azerbaijan S. S. R IU V Sadykhov. Izv. AN Azerb. SSR Ser. geol. -geog nauk i nefti no. 3:99-100 '61.

Method of determining the coefficient of piezoconductivity of a layer from the maximum change in formation pressure point in a recipient well. LI IUn-shan [Li Yung-shang]. Trudy MINKHIGP no. 33:249-251 '61

More exact representation of the approximate formula for determining the decline of pressure on walls of enlarged wells having steady yield. V. N. Shchelkachev Trudy MINKHIGP no. 33:5-13 '61.

More exact representation of the mathematical formulation and approximate solution of one of the basic problems in the theory of elastic drives. V N Shchelkachev Trudy MINKHIGP no. 33:27-41 '61.

Percolation in a layer with an impermeable top and bottom and a slightly permeable interlayer. I. A. Charnyi. Trudy MINKHIGP no. 33:122-130 '61.

Planning the development of an oil pool in solution gas drive. IU. M. Ostrovskii, V. A. Kisel'. Nauch. zap. Ukrniiproekta no. 4:76-82 '61.

Pykhachev, G. B. [Underground hydraulics] Podzemnaia gidravlika. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 386 p.

Remarks on methods of calculating the accumulation of liquid recovered from a well producing under constant counter-bottom pressure. I. G. Gorokhova Trudy MINKHIGP no. 33:245-248 '61.

The second birth of petroleum. I. Kariagin. NTO 3 no 12:18-19 D '61.

Some experimental studies on the miscible process of reciprocally soluble liquids in a porous medium Chzhou Chen-siun' [Chou Ch'eng-hsün] Trudy MINKHIGP no. 33:290-295 '61.

Status and objectives of research on oil recovery. A. N. Mustafinov. Neft. khoz. 39 no. 10:25-30 O '61.

Study of producing wells having bottom pressure below saturation pressure. M. T. Zolotev and others. Trudy MINKHIGP no. 33:213-225 '61.

Study of the weighted average formation pressure in elastic drive. I. G. Gorokhova. Trudy MINKHIGP no. 33:226-244 '61.

Temperature distribution in miscible phase recovery with a hot agent. A. A. Abbasov, V. A. Kisel'. Nauch. zap. Ukrniiproekta no. 4:83-86 '61.

Theoretical study of the process of heat exchange in miscible phase recovery with a hot agent. A. A. Abbasov, V. A. Kisel'. Nauch. zap. Ukrniiproekta no. 4:69-75 '61.

Unsteady flow of liquid in a nonuniform layer having a slightly permeable interlayer. M. A. Gusein-Zade. Khuan' Kou-zhen' [Huan K'ou-jên]. Trudy MINKHIGP no. 33:286-304 '61.

Well yields in nonuniform strata. M. A. Gusein-Zade. Trudy MINKHIGP no. 33:65-74 '61.

OIL SANDS—PERMEABILITY
Effect of physical properties of crude oil and petroleum products on their flow [in Azerbaijani with summary in Russian]. D. I. Casanova, R. A. Ismailova. Izv. AN Azerb. SSR. Ser. geol. geog. nauk i nefti no. 5:103-107 '61.

Nature of the relationship between permeability and general and dynamic porosity of rocks. M. Sh. Pernikov. Geol. nefti i gazu 6 no. 1:36-40 Ja '62.

OIL WELL CASING
Experimental studies of the stability of casing weld joints. N. A. Zhidovtsev. Nauch. zap. Ukrniiproekta no. 4:48-68 '61.

Stability characteristics of casing pipes. G. M. Sarkisov. Neft khoz. 39 no. 9:19-23 S '61.

OIL WELL CEMENTING
Distribution of rates in consecutive flowing of two viscoplastic fluids in a vertical circular pipe in structural flow. A. A. Abbasov, N. K. Murachkovskaia. Nauch. zap. Ukrniiproekta no. 4:42-46 '61.

Water exclusion by oil cement-sand slurries. A. M. Khasaev. Izv. vys. ucheb. zav. ;neft' i gaz 4 no. 6:51-54 '61.

OIL WELL DRILLING

Calculating the increment of the angle and azimuth of the crookedness of directional wells in relation to the distance drilled. M. P Gulizade, D. M. Makhmudov. Izv. vys. ucheb. zav. ;neft' i gaz 4 no 6·39-44 '61

Conference on technical methods and equipment of deep oil and gas well drilling. Neft. khoz. 39 no. 10·68-69 O '61.

Determination of volume requirements and bottom pressure of a gaseous agent in air and gas drilling IU. F. Rybakov. Izv. vys. ucheb. zav ,neft' i gaz 4 no. 6;27-32 '61.

Determining the efficiency of using rotary and turbine methods in drilling extra-deep wells. N N Pobedonostseva, V. I. Egorov. Izv. vys ucheb. zav. ,neft' i gaz 4 no. 6;131-137 '61.

OIL WELL DRILLING—EQUIPMENT AND SUPPLIES

(see also subdivision under Karadag region)

Indices of the utilization of drilling equipment. S. M. Rusavskii. Azerb neft. khoz. 40 no. 9;45-48 S '61.

Kinematics of roller bits with displaced axes A. A. Shamsiev, A. M. Abdul-zade Azerb neft. khoz 40 no 11 17-18, 32 N '61

Present status of drilling methods and equipment and prospects for developing them. N. S. Timofeev. Neft. khoz. 39 no. 10 17-24 O '61.

Study of the effectiveness of lubricating flexible hydrodynamic bearing discs. A. V. Kol'chenko, A. A. Silin. Nauch. zap. Ukrniiproekta no. 4;3-10 '61.

OIL WELL DRILLING, SUBMARINE

(see also subdivision under Caspian Sea)

Use of mathematics in the national economy. S. A. Aleskerov. Nauka i zhizn' 28 no. 10;18-20 O '61.

OIL WELL DRILLING FLUIDS

Effect of flow properties of transported fluid and the eccentricity of a useful section on hydraulic losses in the annular space. M. A. Abdinov and others. Azerb. neft. khoz. 40 no. 11·13-15 N '61.

Effect of nonaqueous drilling fluids on the wear of bits. M. Sh. Akmullin, K. F. Zhigach Izv. vys. ucheb zav ; neft' i gaz 4 no. 6;33-38 '61.

Study of the lubricating properties of clay muds. E. G. IUzbasheva, E. A. IAishnikova. Azerb. neft. khoz. 40 no. 11·15-17 N '61.

Use of Daghestan coal as a chemical reagent in the preparation of clay muds [in Azerbaijani with summary in Russian]. A. S. Suleimanov. Azerb. neft. khoz. 40 no. 9;19-21 S '61.

OIL WELL LOGGING

Itenberg, S. S. [Field geophysics] Promyslovaia geofizika. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 388 p

OIL WELL LOGGING, ELECTRIC

Designing a three-electrode Laterlogging apparatus on a single cable using the principle of the division of two electrical magnitudes. R. M. Mirsalimov Izv vys. ucheb. zav. ;neft' i gaz 4 no. 6;123-129 '61.

OIL WELL LOGGING, RADIATION

Two-channel scintillation gamma-ray spectrometer for study in boreholes G. I. Chernyshev and others Trudy VNII no. 35;30-39 '61.

OIL WELL PUMPS

(see also subdivision under Ordzhonikidze region, Azerbaijan)

Conditions of continued flow during a sudden stop of an underground centrifugal electric pump. K. A. Ibatulov Izv. vys. ucheb. zav. ;neft' i gaz 4 no. 6;69-72 '61.

Davletshin, Kh. G. [Theory of deep piston pumps and the practice of using them in petroleum production; author's abstract of the dissertation presented in candidacy for the degree of Doctor of Technical Sciences] Voprosy teorii glubinnykh porshnevykh nasosov i praktiki ekspluatatsii ikh v neftedobyvaiushchei promyshlennosti; avtoreferat dissertatsii, predstavlennoi na soiskanie uchenoi stepeni doktora tekhnicheskikh nauk. Moskva, Mosk. in-t neftekhimicheskoi i gazovoi promysht., 1959. 23 p.

[MICROFILM]

Method of calculating life norms of deep well pumps. A. A. Chorfas. Azerb. neft. khoz. 40 no. 11;46-48 N '61.

OIL WELLS—ELECTRONIC EQUIPMENT

ChTP-1 remote control and dispatcher control system for beam wells. A. A. Abdullaev and others. Azerb. neft. khoz. 40 no. 9;39-41 S '61.

OIL WELLS—EQUIPMENT AND SUPPLIES

Apparatus for complete well measurement [in Azerbaijani with summary in Russian]. Ch. M. Sheidaev. Azerb. neft. khoz. 40 no. 11;43-45 N '61.

Condition of the stock of drill pipe and some means for decreasing its consumption in economic councils of the R. S. F. S. R. A. G. Kononykhin. Neft. khoz. 39 no. 10; 42-44 O '61.

Liushin, S. F., V. A. Rasskazov, and L. K. Sharin. [Use of the UfNII-3 spring wall scraper] Primenenie avtomaticheskogo letaiushchego skrebka UfNII-3. Ufa, Bashkirskoe knizhnoe izdatel'stvo, 1958. 4 p. (V pomoshch' neftianiku)

OIL WELLS—GAS LIFT

Displacement air lift with air cut-off. F. M Akhudova. Prom energ. 15 no. 8·16 Ag '60.

OIL WELLS—HYDRAULIC FRACTURING

(see also subdivision under Siazan' region, Tuymazy region)

Additive for thickening water in hydraulic fracturing in injection wells. A. Z. Mushin, T. N. Seliunina. Trudy VNII no. 35;40-49 '61.

Effect of the nonuniformity of strata on hydraulic fracturing. M. A. Guseln-Zade. Trudy MINKHiGP no. 33, 81-92 '61.

Location and width of fractures in hydraulic fracturing. P. M. Usachev. Trudy VNII no. 35;22-29 '61

OIL WELLS—MEASUREMENT

Principle causes of errors in measurements of curvatures and azimuths of a well shaft D. M. Makhmudov, T. I. Dzhalilov. Azerb. neft khoz 40 no 9;17-19 S '61.

OIL WELLS—VIBRATION

Propagation of elastic vibrations in oil wells. A. I. Bashkirov and others. Trudy VNII no 35;3-10 '61.

OILS AND FATS

At the Scientific Council of the Scientific Research Institute of the Fats and Oils Industry. L. K Babaeva Masl. -zhir prom 27 no. 11,45-46 N '61.

Determining the solid state resistance to diffusion in the process of extracting vegetable oils. V. I Serdiuk. Izv. vys ucheb. zav , pishch tekh no. 5·140-143 '61.

A few words on two fatty oil plants of the fam. Umbelliferae from the central Sayans IU. A. Dranitsyna Trudy Bot. inst. Ser 5 no 9 257-256 '61.

Production of synthetic fat. D. A. Strom, IU. I. Ishchuk, L. D Strom Masl -zhir. prom 27 no 11;31-37 N '61

Siberian pine of the central Sayans as a fatty oil plant P. K Krasil'nikov Trudy Bot. inst Ser 5 no 9·251-256 '61

OILSEED PLANTS

Oil industry and agricultural science [with summaries in English, German and French]. N N Gil'dshtein Vest. sel'khoz. nauki 6 no. 11 44-48 N '61

OILSEEDS—ANALYSIS

Determining the oleaginousness of seeds and oil cakes under field conditions. A. I. Markman, M. A. Avazova. Masl. -zhir prom. 27 no. 11;43 N '61.

OINTMENTS

Action of an ultra-high frequency electric field through bandages with ointments and medicinal solutions. I. A. Abrikosov, N. A. Gavrilova. Vop. kur., fizioter. i lech. fiz. kult't. 26 no. 4;332-335 Jl-Ag '61.

New medicinal preparations· Kon'kov's ointment. Vest. derm. i ven. 35 no. 12·3 of cover D '61.

OKHLOPKOV, NIKOLAI PAVLOVICH, 1900-

Nikolai Okhlopkov. A. Anastas'ev. Teatr 23 no. 1; 70-71 Ja '62.

OKHOTSK, SEA OF—HERRING

Characteristics of the reproduction and early developmental stages of herring in northern regions of the Sea of Okhotsk. L. A. Galkina. Probl. Sev. no. 4;108-120 '61.

OKHOTSK REGION—COAST CHANGES

Migration of the mouth of the Okhota River and its effect on shore dynamics. E. K. Zabelina. Trudy Okean. kom. 12;67-72 '61.

OKTYABR'SKIY DISTRICT (KUSTANAY PROVINCE)—AGRICULTURE

While they are discussing it in the district party committee. G. Lugovoi. Part. zhizn' Kazakh. no. 11;58-61 N '61.

OLD-AGE PENSIONS

Babkin, V., and G. Smirnova. [How to get old-age pension] Kak poluchit' pensiiu za vysiugu let. [Moskva] Mosk. rabochii, 1961. 126 p

OLD PERSIAN LANGUAGE—TERMS AND PHRASES

Ancient Iranian ethical term "parsava-parsa." E. A. Grantovskii. Krat. soob. Inst. nar. Azii no. 30 3-19 '61.

OLEFINS

Effect of the chemical composition of hydrocarbon raw charge and water vapor on the dynamics of olefin formation at high temperature pyrolysis. T. P. Vishniakova and others. Khim. i tekh. topl. i masel 6 no. 12 11-14 D '61.

Efficient production of monoolefins from various materials. V. I. Klimenko. Trudy LIEI no. 36;52-64 '61

Intensifying some stages of the manufacture of polyolefins. M. A. Margulis, V. IA. Gal'tsov. Khim. prom. no 12;837-839 D '61.

Oxazole derivatives in diene synthesis. G. IA. Kondrat'eva, Khuan Chzhi-khen Dokl ANSSSR 142 no 3 593-595 Ja '62

Problems involved in the production and study of the properties of polyolefins. B A Krentsel'. Plast massy no 9 3-10 '61.

OLEFINS—TOXICOLOGY

Bone changes in chronic intoxication with olefins and vinyl chlorides N. A Smirnova Vest rent i rad 36 no 5 63-66 S-O '61.

OLENEGORSK REGION—FLOTATION—EQUIPMENT AND SUPPLIES

Using an anionic collector in the flotation of Olenegorsk iron ores. Z. S. Bogdanova. Obog rud 6 no 4;18-21 '61.

OLESHA, IURII KARLOVICH, 1899-1961

Not a day without a line. Viktor Shklovskii Oktiabr' 38 no 7·147-146 Jl '61.

OLIGOPHRENIA see Mental deficiency

OMENTUM—SURGERY

Utilization of the greater omentum in treatment of phlegmon of the anterior wall of the stomach. M. A. Kovlov. Vest. khir. no 5;142-143 '61.

OMSK—CIVIC IMPROVEMENT

City turns to the Irtysh. G. Moskovskaia. Ogonek 40 no. 5;1 Ja '62.

OMSK—LABOR COURTS

Our workers try the violators of Soviet laws. Lobov. Sots. zakon 38 no. 12 62 D '61.

ONCOLOGY see subdivision under Lithuania

ONEGA—TRACTOR INDUSTRY

Matrix model of the production plan of a machinery manufacturing enterprise. A. Modin. Vop. ekon. no. 1; 103-114 Ja '62.

ONEGA LAKE—INLAND NAVIGATION

Let's improve the navigation on Onega lake. P. Naumov. Rech. transp. 20 no 11;41-42 N '61

ONIONS

Terminology for viviparous onions. B. I. Burdonov. Bot. zhur. 46 no. 8;1209-1210 Ag '61.

ONTOGENY (BOTANY)

Ontogeny and morphologic nature of flower parts in graminene [with summary in English]. V A. Surkov. Bot. zhur. 46 no. 8;1134-1143 Ag '61.

Relationship between ontogeny and phylogeny in higher plants [with summary in English] I. T. Vasil'chenko Bot zhur. 46 no. 12,1734-1739 D '61.

OPEN AND CLOSED SHELVES see subdivision under Bulgaria

OPEN-HEARTH FURNACES

(see also subdivision under United States)

Making charge iron in basic open-hearth furnaces. O. N. Sokolov, V. P. Tunkov, I. I Fomin Metallurg 7 no 1 21-23 Ja '62.

Materials preparation in investigating the melting of the charge in a liquid melt. A. S. Nevskii. Izv. vys. ucheb. zav., chern. met. 4 no 12,40-44 '61.

Some problems of industrial organization in modern open-hearth plants. I. I. Kobylinkov. Izv. vys. ucheb. zav.; chern. met. 4 no. 12·185-190 '61.

OPEN-HEARTH FURNACES—MAINTENANCE AND REPAIR

Mechanized removal of nozzles from ladles. A. M. Kosolapov. Metallurg 7 no. 1 25 Ja '62.

OPEN-PIT MINING see Strip mining

OPERA see subdivision under Czechoslovakia, Kiev; Moscow; Perm; Tallinn

OPERA—DICTIONARIES

Being prepared for publication. Sov. muz. 25 no. 8; 139 Ag '61.

OPERATIONS, SURGICAL

Postoperative management of patients. G. E. Sokolovich. Voen.-med. zhur. no. 7;83 Jl '61.

Role of vitamin B_{12} in increasing the effectiveness of parenteral feeding with protein hydrolysate in case of surgical traumas. V. V. L'vova, N. A. Fedorov. Vit. res. i ikh isp. no. 5;261-268 '61.

OPERATIVE SURGERY see Surgery, Operative

OPERATORS (MATHEMATICS)

Discrete spectrum of Schrodinger's radial equation. L. A. Sakhnovich. Dokl. AN SSSR 142 no. 3·550-553 Ja '62.

OPERATORS (MATHEMATICS) (Continued)
Expansion in root vectors of a slightly disturbed self-adjoint operator A S Markus Dokl AN SSSR 142 no. 3:538-541 Ja '62.
Four-point difference systems of high accuracy V I Lebedev Dokl AN SSSR 142 no. 3 526-529 Ja '62.
Local properties of certain approximation operators A L Fuksman Dokl AN SSSR 142 no. 3 556-559 Ja '62
Pertubations on the continuous spectrum of a singular elliptic operator due to changes in the boundary or in boundary conditions [with summary in English]. M Sh. Birman Vest. LGU 17 no 1:22-35 '62
Spectral theory of the operator--Δu + ku in infinite space, in which k is a bounded Hermitian operator V. N. Pivnenko. Izv. vys. ucheb. zav. ;mat. no. 1:151 '62.
Uniqueness of the solution to the inverse problem for ordinary differential operators of the order n ≥ 2, and transformations of such operators Z L Leibenzon Dokl AN SSSR 142 no. 3:534-537 Ja '62

OPERETTA see subdivision under Krasnodar, Moscow

OPHTHALMOLOGY
Use of cortisone in ophthalmology. A. O. Gromyko. Voen. -med. zhur no 7:80 Jl '61

OPTIC NERVE
Localization of the ganglionic cells in the retina of the eye, transmitting impulses to the external geniculate bodies or to the anterior tubera of the corpora quadrigemina [with summary in English]. B. N. Klosovskii. Zh. M. Kukhtina. Vop neirokhir. 25 no 1:21-26 '62.

OPTIC THALAMUS
Effect of tetanic stimulation of the sensory-motor cortex on the thalamus relay nucleus. S. P Narikashvili, D. S. Monlava, S. M. Butkhuzi. Fiziol zhur. 47 no 7: 863-871 Jl '61.
Response reactions of the external geniculate body of an anesthetized cat to light flashes of varying frequency and strength [with summary in English]. V P. Dulenko, E N Sokolov Zhur vys nerv deiat 11 no 5 943-950 S-O '61

OPTICAL INSTRUMENTS
Repair and adjustment of telescope calipers used for internal measurements. P U. Markov. Izm. tekh. no. 12 14-17 D '61.
de-aperture condenser. A. Sh. Shakhverdov. Geod. kart. no. 1:43-47 Ja '62.

TICAL MEASUREMENTS
tical method of studying movement in a two-dimensional fluid flow. A. S. Grishin. Trudy VNIIBT no. 3:36-11 '61.

PTICAL ROTATION
Effect of molecular interaction on optical activity. V. M. Aslanian. Dokl AN Arm. SSR 33 no. 4:155-159 '61.

PTICS
Outline of the development of optics of moving bodies. U. I. Frankfurt, A. M. Frenk. Trudy inst. ist. est. i tekh. 43:3-49 '61.

OPTICS, PHOTOGRAPHIC see Photographic optics

OPTICS, PHYSICAL
Accumulation and emission of radiation within a parallel-plate layer. B. I. Stepanov. Dokl. AN BSSR 5 no. 12: 541-544 D '61.

ORAL TRADITION
Written songs and romances of the 18th century in oral folk tradition. N P Demidova Sbor. stud. nauch. rab. po gum tsik. MOPI 4 61-83 '60

ORBITING VEHICLES see Artificial satellites

ORBITS
Rotation of the plane of the circular orbit of a satellite. V. F. Illarionov. L. M. Shkadov. Prikl mat. i mekh. 26 no. 1:15-21 Ja-F '62

ORDZHONIKIDZE REGION (AZERBAIJAN)—OIL FIELDS—PRODUCTION METHODS
Results of introducing nomograms for determining the amount of incremental fluid in fields of the Oil Field Administration of the Ordzhonikidze Petroleum Trust. A. B. Suleimanov. Azerb. neft. khoz. 40 no 1:26-30 N '61.

ORDZHONIKIDZE REGION (AZERBAIJAN)—OIL WELL PUMPS
Results of using hydraulic piston pumps in the fields of the Oil Field Administration of the Ordzhonikidze Petroleum Trust. IU. G. Abdullaev. Azerb. neft khoz. 40 no. 9:28-30 S '61

ORE DEPOSITS
(see also subdivision under Caucasus; Caucasus, Northern; China; Kara-Tau; Soviet Central Asia; Transbaikalia)
Akademiia nauk SSSR. Otdelenie geologo-geograficheskikh poleznykh iskopaemykh. [Mineral distribution characteristics] Zakonomernosti razmeshchenila poleznykh iskopaemykh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu.
Vol. 4. [Placer deposits] Rossypi. 1960. 254 p.
Graph showing the development of hydrothermal ore-forming solutions M. M. Konstantinov Izv. AN SSSR. Ser. geol 27 no. 1, 95-98 Ja '62.
Kuzin, A. A. [History of the discovery of ore deposits in Russia up to the middle of the 19th century] Istoriia otkrytii rudnykh mestorozhdenii v Rossii do serediny XIX v. Moskva, Izd-vo Akad nauk SSSR, 1961. 359 p
Some problems in the study of the sedimentary cover of the Kola Peninsula. A. V. Sidorenko. Vop. geomorf. i geol. osad pokr Kol' poluost. 1 5-13 '60
Velikii, A. S. [Structure of ore deposits in folded areas] Struktury rudnykh polei (v skladchatykh oblastiakh) [Leningrad] Izd-vo Leningr univ., 1961 274 p.

ORE DRESSING
(see also subdivision under El Salvador, Krasnoural'sk)
Charges originating on mineral particles during separation in an electrostatic field L P. Starchik. Nauch. soob. Inst gor. dela 6 113-116 '60.
Complex utilization of waste at the Malkhura concentrating mill. P. M. Solozhenkin and others Izv. Otd geol. -khim i tekh. nauk AN Tadzh. SSR 1:33-44 '60.
Experimental determination of the fall rate of bodies in suspension. E. M. Sil'ver. Obog rud 6 no. 4:40-42 '61
Flow sheet for the dressing of Alapayevsk ores. N. G. Tiurenkov. Trudy Uralmekhanobra no 5:87-103 '59.
Flow sheet for the dressing of the Angara-Ilim region iron ores. N. G Tiurenkov. Trudy Uralmekhanobra no 5 74-86 '59
Free settling velocity of gold grains. T G. Fomenko Izv vys. ucheb. zav. , tsvet. met. 4 no. 3 22-27 '61.
Making fluxed pellets from Olenogorsk concentrates without firing (by the chemical catalyst method). L. E. Kunin. Obog. rud. 6 no 5 36-38 '61.
New trends in the study of the processes of separating fine sizes of ore and coal in electric and magnetic fields. N F Olofinskii Nauch. soob. Inst gor. dela 6 46-62 '60.
Plaksin, I. N., and others. [New technology for the dressing of lead-zinc ores] Novaia tekhnologiia obogashchenila svintsovo-tsinkovoi rudy. Moskva, Gos nauchno-tekhn izd-vo lit-ry po gornomu delu, 1961. 127 p.
Present status and further expansion of the dressing of Chiatura and Nikopol' manganese ores. O S Bogdanov, IA. I. Fomin. Obog. rud 6 no 4, 3-8 '61
Prospects for the dressing of Kerch deposit iron ores. M. M. Kruglikov. Obog. rud. 6 no 5:3-8 '61.
Relationship between the rheological properties of suspensions and the nature of the movement of spherical bodies in them. IU. S. Badeev. Obog rud 6 no 4:33-39 '61.
Some problems in separating mineral grains in a hydrocyclone in a water medium. V I. Klassen, V I. Litovko. Nauch soob. Inst gor. dela 6 38-45 '60
Technical and economic grounds for selecting a method of nodulizing Dzhezdinskiy manganese concentrates. N. M. Babushkin, A. A. Rozhnovskii. Trudy Uralmekhanobra no 5 132-137 '59
Use of radioactive isotopes in fluorescent analysis for the automatic control of ore-dressing products. N N Shumilovskii and others. Izv. vys. ucheb zav , tsvet. met. 4 no 3 140-147 '61.
Use of triangular diagrams for the determination of ore dressing indices. N. P. Zhukovskii, A S Petrov Obog. rud. 6 no. 5:28-31 '61.

ORE DRESSING—BIBLIOGRAPHY see Bibliography—Ore dressing

ORE DRESSING—ELECTRIC EQUIPMENT
Increasing the stability of the operation of electric vibratory machines. I. A. Kudakhov, T. V. Samakoev Obog. rud 6 no. 4:43-45 '61.

OREKHOVO-ZUYEVO—COLD STORAGE WAREHOUSES
Using carbon dioxide to combat rodents at the Orekhovo-Zuyevo Cold Storage Plant. A. IA Ustinov, N. F. Zhak. Khol tekh. 38 no. 6:50-51 N-D '61.

OREKHOVO-ZUYEVO REGION—GOATSUCKERS
Biology of the goatsucker (Caprimulgus europaeus L.) during the nesting period. E. N. Derim. Sbor. rab. po ekol. i sist. zhiv. no. 1:88-91 '59.

OREKHOVO-ZUYEVO REGION—THRUSHES
Observations and experiments with the nesting of the song thrush (Turdus ericetorum Turt.). E. N. Derim. Sbor. rab. po ekol. i sist. zhiv. no. 1:92-100 '59.

OREL—AERONAUTICS—COMPETITIONS
Amateur-flier teams in industrial plants. IU. Kosarev. Kryl. rod. 13 no. 2:16 F '62.

OREL PROVINCE—PUBLIC HEALTH
"Problems in organizing public health care and practical medicine in Orlov Province." Reviewed by A. A Vishnevskii. Sov. med. 25 no. 9:151-154 Je '61.

ORENBURG PROVINCE—AGRICULTURE
[Heroic work on virgin lands; chronicles of the bringing of the virgin lands of Orenburg Province under cultivation] Podvig na tseline; letopis' osvoenila tselinnykh zemel' Orenburgskoi oblasti. [Orenburg] Orenburgskoe knizhnoe izd-vo, 1961. 271 p.

ORENBURG PROVINCE—FARM PONDS
Methods of damming up local runoff for the irrigation of collective and state farms. G. A. Obukhov. Dokl. i soob. UNIISKH no. 1:82-85 '59

ORENBURG PROVINCE—TEACHERS, TRAINING OF
There are many changes in teachers' training by correspondence. V. D. Svirenko Vest. vys. shkoly 20 no. 1 52-54 Ja '62

ORENBURG PROVINCE—THEATER
Theater in the village. IU. Ioffe. Teatr 22 no. 8: 151-152 Ag '61.

ORENBURG PROVINCE—WATER SUPPLY—CONGRESSES
Conference on problems in the water economy of Orenburg Province V A Khomze Gidr i met. 14 no 2: 62-64 F '62.

ORES
Cyclone burning of pulverized fuels and smelting of small ore particles and concentrates. A. V. Tonkonogii Trudy Inst energ. AN kazakh SSR 2:61-70 '60.

ORES—ANALYSIS
Extractive and spectrophotometric method of determining tantalum in ores. S. I. Zagon. Obog. rud. 6 no. 5:32-33 '61.

ORGANIC CHEMISTRY see Chemistry, Organic

ORGANIC COMPOUNDS
Device for working with a high-speed rotating-disc anode. M I Bobrova, A. N. Kudasheva. Trudy I IEI no. 36: 104-108 '61.

ORGANIC MATTER
Materials on the study of organic matter in bottom deposits of fish ponds of the Ukrainian S. S. R. A. D. Konenko. Trudy Gidrobiol ob-va 11 385-393 '61
Organic matter in bottom deposits of Ucha, Pyalovskoye, and Yakhroma Reservoirs on the Moscow Canal N. D. Starikova. Trudy Gidrobiol ob-va 11:370-384 '61.
Organic matter in the liquid phase of marine and ocean sediments. N. D. Starikova. Trudy Inst. okean. 50. 130-169 '61.

ORIENTAL SORE see Delhi boil

ORIENTAL LITERATURE—HISTORY AND CRITICISM
Akademiia nauk SSSR. Institut mirovoi literatury. [Interrelation between literatures of East and West] Vzaimosviazi literatur Vostoka i Zapada. Moskva, Izd-vo vostochnoi lit-ry, 1961. 249 p.

ORIENTAL STUDIES see subdivision under Uzbekistan

ORIENTATION
"Echoes of bats and men" by Donald R. Griffin. Reviewed by IU. M. Zalesskii Priroda 51 no. 1:120 Ja '62.
Orientation at night. I. Grabskii. Voen. vest. 41 no. 9: 71-73 S '61.

ORIENTATION (ARCHITECTURE)
Orientation of workers' dwellings in settlement construction in the Donets Basin. N. F. Biziukin. Vrach. delo no. 6 151 Je '61.

ORIGIN OF SPECIES
How did life develop on earth? P. K. Chudinov. IUn. nat. no 12:13-14 D '61.

ORNAMENTAL PLANTS see Plants, Ornamental

ORNITHOSIS
Atypical pneumonia caused by the ornithosis virus. S. I. Erez, Z. V. Krilova Vrach delo no. 6 88-90 Je '61.

ORPHANS AND ORPHANAGES see subdivision under Poltava Province

ORTHODONTIA
Orthodontic method of creating a natural fixed bite by Rubinov's method. E. E. Slobodnik. Trudy LSGMI 63:128-132 '60.

ORTHODOX EASTERN CHRUCH
Serbian edition of the Synodicon for the Week of Orthodoxy; addenda et corrigenda. V. A. Moshin. Viz. vrem. 18:359-360 '61.

ORTHOGONAL SERIES see Series, Orthogonal

ORTHOPEDIA
Accelerating the consolidation of bones by large doses of cyanocobalamine in operative elongation of shortened lower extremities in children and adolescents. V. D. Dedova, T. I. Cherkasova. Vit. res. i ikh isp. no. 5: 240-249 '61.

OSCILLATORS, ELECTRIC
Pulse generators. Prom. energ. 16 no. 7:59-60 Jl '61.
Self-oscillator with parametric feedback. IU. A. Kravtsov. Radiotekh. i elektron. 7 no. 1:113-119 Ja '62.

OSCILLOGRAPH

Using light filters in oscillographs. IU. A. Magnitskii. Izm. tekh. no. 12 63 D '61.

OSCILLOGRAPH, CATHODE RAY see Cathode ray oscillograph

OSCILLOGRAPHY

Method for phono-oscillography in the clinical treatment of cardiovascular diseases (hypertension, arteriosclerosis) [with summary in English]. M. N. Tumanovskii, A. I. Zolotarev. Kardiologiia 1 no. 6 46-51 N-D '61

OSMOSIS

Succinic dehydrogenase and active sodium transport in the osmoregulating organs of vertebrates. IU. V. Natochin, T. A. Krestinskaia. Fiziol. zhur. 47 no. 10 1306-1313 O '61.

OSSETIA, NORTH—ANTIQUITIES

Archaeological explorations in North Ossetia in 1959. V. A. Kuznetsov, O. V. Miloradovich. Krat. soob. Inst. arkheol. no. 86:92-100 '61.

OSSETIA, NORTH—CORN (MAIZE)

Ol'ginskoye school is calling. IUn. nat. no. 1:2-3 Ja '62.

OSSETIA, NORTH—EDUCATION

In the schools of North Ossetia. A. Galazov. Nar. obr. no. 1 31-34 Ja '62.

OSSIFICATION

Observation of a massive ossification of the stroma of the palatal tonsils in chronic tonsillitis. V. G. Dzyza. Vest. otorin. no. 6:92-93 '61.

OSTEOMYELITIS

Course of experimental osteomyelitis in radiation sickness [with summary in English]. V. A. Bashinskaia. Med. rad. no. 7:29-35 '61.

Intravital study of the bone marrow and bone tissue in osteomyelopoietic dysplasia. P. D. Osmanliev. Probl. gemat. i perel. krovi no. 2:14-20 '62.

Osteomyelitis of the frontal bone. A. I. Geshelin. Zhur. ush., nos. i gorl. bol. 21 no. 5 71-72 S-O '61.

Variants of osteomyelodysplasia (osteomyelosclerosis). E. Z. Novikova. Probl. gemat. i perel. krovi no. 2 21-27 '62.

OSTROGRADSKII, MIKHAIL VASIL'EVICH, 1801-1861

Akademiia nauk SSSR. Institut matematiki. [Pedagogical heritage and documents on the life and work of Mikhail Vasil'evich Ostrogradskii (1. 1. 1862 - 1. 1. 1962)] Mikhail Vasil'evich Ostrogradskii, 1 ianvaria 1862 - 1 ianvaria 1962; pedagogicheskoe nasledie, dokumenty o zhizni i deiatel'nosti. Pod red. I. B. Pogrebysskogo i A. P. IUshkevicha. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 397 p.

OSTROUMOVA-LEBEDEVA, ANNA PETROVNA, 1871-1955

Legacy of A. P. Ostroumova-Lebedeva. P. Kornilov. Iskusstvo 24 no. 6:31-36 '61

OSTROVSKII, NIKOLAI ALEKSEEVICH, 1904-1936

Man of great courage. N. A. Senkevich. Neva no. 12:191-195 '61.

OSWIECIM (CONCENTRATION CAMP)

In Oswiecim Jan and Genomefa told me the beautiful story of their love. Layla, Zhen, mira no. 5:20-22 '61.

OTOLARYNGOLOGICAL SOCIETIES see subdivision under Ukraine; Uzbekistan

OTOLARYNGOLOGY

"Diseases of the ear, throat and nose" by V. F. Undritz and others. Reviewed by A. I. Kolomiichenko. Zhur. ush., nos. i gorl. bol 21 no. 5,85-88 S-O '61.

Intratracheal anesthesia in otorhinolaryngology. V. K. Gadzanov, A. I. Shutov. Zhur. ush., nos. i gorl. bol. 21 no. 4:70-71 Jl-Ag '61.

Likhachev, A. G. [Diseases of the ear, nose, and throat] Bolezni ukha, gorla i nosa. Izd. 3., ispr. i dop. Moskva, Medgiz, 1961. 283 p. (DNLM)

Practical suggestions toward the modification of certain otolaryngological manipulations. E. M. Kharshak. Zhur. ush., nos. i gorl. bol. 21 no 4:80-82 Jl-Ag '61.

OTOLARYNGOLOGY—EQUIPMENT AND SUPPLIES

"AI-1" aerosol inhalator adapted to otolaryngological electric suction. B. S. Lopatin. Zhur. ush., nos. i gorl. bol. 21 no. 4:80 Jl-Ag '61.

Modification of an apparatus for determining the mobility of the stapes. A. M. Shkil. Vest. otorin. no. 6:89 '61.

New apparatus for adequate stimulation of the vestibular analyser with utilization of a wide range of angular accelerations and strength of the coriolis. IU. G. Grigor'ev, B. B. Bokhov. Vest. otorin. no. 6:85-87 '61.

OTOSCLEROSIS

My method for restoring the sound-conducting system by tissue grafted in the region of the fenestra ovalis, and our experience with stapedectomy in otosclerosis ["Ceskoslov. otolar.," No. 1, 1961] Zhur. ush., nos i gorl. bol. 21 no. 4:84 Jl-Ag '61

OUTBOARD MOTORBOATS

Automobile and a motorboat. V. Gantman. Avtomobilist i 130-134 '61.

OVARIES—TRANSPLANTATION

Effect of gonadotropic activity of the hypophysis in rats on the development of intrasplenic transplants of the ovary [with summary in English] IU. N. Bordiushkov. Vop. onk. 7 no. 8:62-65 '61.

OVARIES—TUMORS

Ovarian cysts [with summary in English]. V. N. Serov. Sov. med 25 no 7 114-118 Jl '61

Problems in the diagnosis and treatment of malignant tumors of the ovaries. L. A. Novikova. Sov med 25 no. 8:33-40 Ag '61.

Criteria for malignancy of thecoma of the ovary. P. I. Sheinin, A. B. Sigalov. Vop onk. 7 no. 12:83-86 '61.

OVARIES (BOTANY)

Changes of the ovule in double-flowered black currant. R. M. Pivovarova. Bot. bot. rab. Bel. otd. VBO no. 2 89-96 '60

OVCHINNIKOV, SERGEI KRONIDOVICH, 1904-1959

S. K. Ovchinnikov; obituary. Izv. Otd. geol.-khim. i tekh. nauk AN Tadzh. SSR 1:129-130 '60

OVENS

TSNIIKhP-P-7-59 conveyer oven with perforated sole and gas heating. N. E. Morev. Khleb i kond. prom 5 no. 12 8-11 D '61.

OVERVOLTAGE

Overvoltage for the evolution of hydrogen of manganese. I. V. Gamali, V. V. Stender. Zhur. prikl. khim. 35 no. 1:127-132 Ja '62.

OXABICYCLOOCTANE

Chemistry of trimethylene oxide. Report No. 1: Cis and trans-7-oxabicyclo-(4, 2, 0)-octane. E. Kovach and others. Izv. AN SSSR. Otd. khim nauk no. 1:130-138 Ja '62.

OXAMIDE

Potentiation of medicated sleep with 6-methylthiouracil and tubocane hydride [with summary in English]. M. V. Korablev. Biul. eksp. biol. i med. 52 no. 8:67-70 Ag '61.

OXAZOLE

Oxazole derivatives in diene synthesis. G. IA. Kondrat'eva, Khuan Chzhi-khen. Dokl. AN SSSR 142 no. 3 593-595 Ja '62.

OXIDATION

Basic laws governing the oxidation of coke on the surface of an aluminosilicate spherical catalyst. S. V. Adol'son, A. IA. Zaitova. Khim i tekh. topl. i masel 7 no. 1:25-31 Ja '62.

Chemical mechanism of thenium IV sulfide oxidation. V. I. Deev, V. I. Smirnov. Zhur. prikl. khim. 34 no 12: 2594-2601 D '61.

Determining the carbonyl numbers of products from paraffin oxidation. Z. I. Bukhshtab, L. IA. Distanova. Masl.-zhir. prom. 27 no. 11:29-31 N '61.

Incomplete oxidation of ethane and propane in electrical charges. S. F. Gudkov. Trudy VNIIGAZ no. 12:133-142 '61.

Infrared spectroscopy in the study of oxidation processes of macromolecular compounds. B. V. Stollarov. Zhur. prikl. khim. 34 no. 12:2726-2733 D '61.

Initiation mechanism of potassium naphthenate in the oxidation of paraffinic hydrocarbons. V. K. TSyskovskii, B. G. Freidin, E. K. Prokof'ev. Zhur. prikl. khim. 34 no. 11:2586-2587 N '61.

Kinetics of carbon black oxidation. T. D. Snegireva, P. A. Tesner. Trudy VNIIGAZ no. 12:91-102 '61.

Kinetics of low-temperature oxidation of lump coal. N. D. Alekseeva. Nauch. soob. Inst. gor. dela 5:120-130 '60.

Laboratory plant for the study of the oxidation kinetics of polymers at high oxygen pressures. V. V. Dudorov, A. F. Lukovnikov, E. M. Braznikov. Plast. massy no. 10:53-54 '61.

Liquid phase oxidation of isopropylbenzene at high pressure. R. V. Kucher and others. Zhur. prikl. khim. 35 no. 1:170-176 Ja '62.

Radioactive tracer technique in investigating the mechanism of oxidation of propylene to acrolein on a cuprous oxide catalyst. O. A. Golovina, O. V. Isaev, M. M. Sakharov. Dokl. AN SSSR 142 no. 3:619-622 Ja '62.

Rapid process of tar oxidation in obtaining hard asphalts; compressorless method. A. N. Bodan, V. T. Skliar. Nauch. zap. Ukrnifprocekta no. 4:150-166 '61.

Relationship between the reactor products of incomplete methane oxidation and the oxidation rate. S. F. Gudkov. Trudy VNIIGAZ no. 12:118-124 '61.

Study of the effect of a wall surface on the incomplete methane oxidation. S. F. Gudkov. Trudy VNIIGAZ no. 12:125-132 '61.

OXIDATION-REDUCTION REACTION

Redox reactions in alkali cooking of wood. G. Chirkin, D. Tishchenko. Zhur. prikl. khim. 35 no. 1:153-159 Ja '62.

OXIDATION-REDUCTION REACTION—STUDY AND TEACHING

Acquainting students with oxidation-reduction reactions. IA. S. Nisman. Khim. v shkole 17 no. 1 62-63 Ja-F '62.

OXIDES

Thermal conversions of α-substituted β-oxides. E. Kovach and others. Izv. AN SSSR. Otd. khim nauk no. 1 124-130 Ja '62.

OXIDIZING AGENTS

Latest in the field of the electrochemical synthesis of oxidizers. V. G. Khomiakov, M. IA. Floshin. Khim prom. no. 1:30-37 Ja '62.

OXIMES

Continuous oximation of cyclohexanone. I. B. Kotliar and others. Khim. prom. no. 1:18-19 Ja '62.

OXIMES—THERAPEUTIC USE

Oximes as therapeutic agents in poisonings with organic phosphorus compounds (according to foreign data) G. A. Stepanenkii. Farm. i toks. 24 no. 3:357-371 My-Je '61.

OXYACETYLENE WELDING see Gas welding and cutting

OXYGEN

Effect of pressure, temperature, and composition on the induction period of igniting methane-oxygen mixtures. A. A. Anisonian, S. F. Evlanov. Trudy VNIIGAZ no 12: 103-117 '61.

KPK-6 oxygen piston compressor. L. A. Alekseev, K. S. Butkevich. Trudy VNIIKIMASH no. 4:65-86 '61.

KTK-7 oxygen turbocompressor. A. M. Gorshkov, V. M. Grushevskii. Trudy VNIIKIMASH no 4:43-64 '61.

NZhK-7 liquid oxygen pump. IU. A. Miroslavskaia. Trudy VNIIKIMASH no. 4:38-42 '61.

Nature of the relationship between chemiluminescence and oxidation by molecular oxygen. R. F. Vasil'ev, A. A. Vichutinskii. Dokl. AN SSSR 142 no. 3. 615-618 Ja '62.

Upper concentration limit of flame propagation in mixtures of acetylene with oxygen and air. B. A. Ivanov, S. M. Kogarko. Dokl AN SSSR 142 no 3. 637-638 Ja '62.

OXYGEN—ANALYSIS

Determination of epoxide oxygen in foamed epoxide resins at advanced stages of hardening. S. E. Rudakova, V. V. Zharkov. Plast. massy no 10:62-64 '61.

OXYGEN—SPECTRA

Study of a silent discharge in oxygen. M. P. Popovich, V. G. Samoilovich, B. S. El'tsefon. Vest. Mosk. un. Ser. 2:Khim. 17 no. 1:80 Ja-F '62.

OXYGEN IN THE BODY

Effect of dinitrophenol and potassium cyanide on the minute volume of the coronary blood flow and cardiac oxygen absorption [with summary in English]. I. E. Kisin. Farm. i toks. 24 no. 3:297-300 My-Je '61.

Relationship between changes in the minute volume of coronary circulation and cardiac oxygen requirement under the influence of adrenaline, noradrenaline, ephedrine and phenamine [with summary in English]. I. E. Kisin. Biul. eksp. biol. i med. 52 no. 10:67-71 O '61.

OXYGEN THERAPY

Effect of oxygen and thiouracil on the course of radiation sickness in animals. T. G. Mankus, K. A. Shafrina. Med. zhur. Uzb. no 7:50-52 Jl '61

Indications, methods and effectiveness of oxygen therapy in circulatory insufficiency [with summary in English] O. V. Vinogradskii. Sov med. 25 no. 8:21-27 Je '61.

Oxygen inhalations in the treatment of scleroma [with summary in English]. K. P. Derepa. Zhur. ush., nos. i gorl. bol. 21 no. 5 41-44 S-O '61.

Treating chronic alcoholism with oxygen. V. A. Lukashev. Vrach. delo no. 12:145 D '61.

Treatment of acute lumbosacral radiculitis by subcutaneous insufflations of oxygen. E. V. Zhuravlev. Vrach delo no 6 136 Je '61.

Use of radon, carbon dioxide and oxygen baths in the complex of sanatorium treatment of hypertension. O. P. Sorokina, L. I. Petruchenko. Vop. kur., fizioter. i tech. fiz. kul't. 26 no. 4:323-326 Jl-Ag '61.

OXYGEN THERAPY—EQUIPMENT AND SUPPLIES

Organization of the oxygen supply for medical departments of a hospital. A. A. Moslov, M. N. Rabinovich. Voen.-med. zhur. no. 7:84 Jl '61.

OXYTROPIS

Anatomical characteristics of Oxytropis muricata (Pall.) and related species N. N. Kartashova, E. A. Mikhailova Izv Sib otd. AN SSSR no 11 114-120 '61.

OXYUROIDEA

Skriabin, K. I., N. P. Shikhobalova, and E. A. Lagodovskaia. [Oxyurata of animals and man] Oksiuraty zhivotnykh i cheloveka. Moskva, Izd-vo Akad. nauk SSSR, 1961. 499 p. (Akademiia nauk SSSR. Gel'mintologicheskaia laboratoriia. Osnovy nematodologii, vol. 10)

OZONE

Effect of fillers and plasticizers on the resistance of rubbers to ozone cracking at various deformations. IU. S. Zuev, S. I. Pravednikova, G. V. Kotel'nikova. Kauch. i rez 20 no. 11,15-21 N '61.

Kinetics and mechanism of ozone synthesis in an electrical discharge V. G. Samoilovich, IU. V. Filippov. Vest. Mosk un. Ser. 2: Khim. 17 no. 1:44-48 Ja-F '62.

Observations on atmospheric ozone during the solar eclipse of Feb 15, 1961 R. S. Stoblova Geomag i aer 1 no. 5:838-839 S-O '61

PACIFIC AREA—SCIENCE—CONGRESSES

Tenth Pacific Science Congress E. Suzlumov. Mor. flot 22 no. 1,44-45 Ja '62

PACIFIC OCEAN—FISHERIES—RESEARCH

In the Commission for Fishery Research in the Western Part of the Pacific Ocean. Ryb. khoz. 38 no. 1:85 '62.

PACIFIC OCEAN—HYDROLOGY

Calculation of vertical motions of water in the northwestern part of the Pacific Ocean K. A. Chekotillo Okeanologiia 1 no. 6 1007-1019 '61

PACIFIC OCEAN—SKIPPER (FISH)

Cololabis saira. S. I. Apanovich. Ryb. khoz. 38 no. 1: 9-13 '62.

PACIFIC OCEAN—ZOOPLANKTON

Composition and quantitative distribution of zooplankton in the western part of the Pacific Ocean. A. K. Geinitskii Trudy Gidrobiol. ob-va 11 209-223 '61.

Spatial structure of plankton communities as related to the type of oceanic circulation, range limits of oceanic plankton animals in the northern part of the Pacific Ocean. K. V. Beklemishev. Okeanologiia 1 no. 6 1050-1072 '61.

PACKAGING MACHINERY

Possibilities for using adjustable volume batchers in automatic flour packaging machines. G. D. Gal'perin. Izv. vys. ucheb. zav., pishch. tekh. no. 5 102-105 '61.

PAIN

Criteria for pain sensitivity in labor. V. M. Mazurova, G. M. Savel'eva Akush i gin no 5 51-54 '61.

Intradermal novocaine block in pain syndrome in the clinical aspects of internal disease. B. D. Borevskaia, L. A. Ivanova, D. V. Anisimova. Sov. med. 25 no 9: 122-125 S '61.

ethod of baralgesimetry. O. G. Kogan, V. V. Shedlovskii Vrach. delo no. 6:140 Je '61.

Pain in acute pancreatitis and its pathogenic significance [with summary in English] A. G. Sharafeev. Klin med. no. 1:94-98 '62

PAINT

Study of the structural and mechanical properties of water-based paints and aspects of applying them. B. M. IAbko, N. V. Mikhailov, K. I. Karasev. Sbor. trud. VNIINSM no. 2:191-204 '60.

PAINT, LUMINOUS see Luminous paint

PAINT THINNERS see Thinner (Paint mixing)

PAINTING—EQUIPMENT AND SUPPLIES

They increased the useful life of paint brushes. N. Plisenko. Tyl i snab. Sov. Voor. Sil 21 no. 10:51 O '61.

PAINTING, INDUSTRIAL

Painting the faces of reinforced concrete slabs with perchlorvinyl compounds. A. S. Leikin. Sbor. trud. VNIINSM no. 2:35-45 '60.

PAINTINGS
(see also subdivision under Paris)

Facing life and the present day. Sred. spets. obr. 9 no. 1:38-39 Ja '62.

PAINTINGS, ETHIOPIAN—EXHIBITIONS see subdivision under Moscow

PAKISTAN—ECONOMIC CONDITIONS

"Economy and policy of Pakistan" [in Chinese] by To Sheng. Reviewed by G. Arkad'ev. Az. i Afr. seg. no. 1: 58-59 Ja '62.

Special aspects of the industrial development of Pakistan. A. I. Zablotskaia. Geog. v shkole 25 no. 1:62-67 Ja-F '62.

PAKISTAN—HISTORY

Gankovskii, IU. V., and L. R. Gordon-Polonskaia. [History of Pakistan] Istoriia Pakistana Moskva, Izd-vo vostochnoi lit-ry, 1961 379 p

PAKISTAN—POLITICS AND GOVERNMENT

What a policy against the people leads to M. Mikhailov Az. i Afr. seg no. 1 54-55 Ja '62.

PALATE

Innervation and functional significance of the soft palate. M. S. Gracheva. Vest otorin. no. 6:11-17 '61

PALATE—WOUNDS AND INJURIES

Use of a quick setting plastic in applying prosthesis to an edentulous maxilla with a defect in the hard palate originating from a gunshot wound I. M. Fleishmakher. Stomatologiia 30 no. 6:58-59 N-D '60.

PALEOBOTANY, STRATIGRAPHIC see subdivision under Kakhetian Range, Kartlia, Tunguska Basin

PALEOGEOGRAPHY
(see also subdivision under Bashkiria; Tatar A. S. S. R.)

Stratigraphy of sediments and paleogeography of lateglacial sea basins in the Lotta Depression. A. A. Nikonov. Vop. geomorf. i geol. osad. pokr. Kol'. poluost. 1 85-120 '60.

PALEONTOLOGY
(see also subdivision under Tajik Depression)

"The world of ancient animals" by IU. A. Orlov. Reviewed by N. M. IAnovskaia. Priroda 51 no. 1:121-122 Ja '62.

PALEONTOLOGY—JUVENILE LITERATURE

Stone hieroglyphics of the history of the world. K. Flerov IUn. tekh. 5 no. 7:46-48 Jl '61.

PALEONTOLOGY, STRATIGRAPHIC
(see also subdivision under Darvaza Range; Russian Platform, Siberia, Eastern)

Phases of the development of the organic world and their significance for the detailed stratigraphy V. V. Menner Trudy MGRI 37 177-183 '61.

PALLADIUM COMPOUNDS

Distorted octahedral complexes of bivalent platinum, palladium, and nickel M. A. Poral-Koshits, G. B. Bokii, G. A. Kukina. Zhur. strukt. khim. 2 no. 3,327-329 My-Je '61.

PALYNOLOGY see subdivision under Iori Valley, Kura Valley

PAMIRS—PETROGLYPHS

Report on a trip to the southern Pamirs in the summer of 1958. G. M. Bongard-Levin, A. M. Platigorskii. Krat. soob. Inst. nar. Azii no 57,134-136 '61

PAMIRS—ROCKS, IGNEOUS

Alkaline rocks of the eastern Pamirs. A. I. Proskurko. Izv. Otd. geol.-khim. i tekh. nauk AN Tadzh SSR no. 2 78-86 '61

Subvolcanic and effusive rocks in the southeastern Pamirs. A. I. Proskurko. Trudy Tadzh. gos. un. 28 no. 1,51-87 '60.

PAMIRS—SEISMOLOGY

Some problems associated with the study of seismic conditions as exemplified by earthquakes of the Pamir-Hindu Kush zone [with summary in English] V. N. Gniskii, A. P. Katok. Trudy Inst. seism. stroi. i seism. 7:27-39 '60.

PANCREAS

Functional state of the pancreas before and after surgical treatment of diseases of the biliary tract. E. M. Landa Klin. med. no. 1:98-104 '62.

PANCREAS—ABNORMITIES AND DEFORMITIES

Annular pancreas causing duodenal obstruction in a newborn infant. A. K. Gol'dgammer. Vest. khir. no. 1: 142-143 '62.

PANCREAS—DISEASES

Pain in acute pancreatitis and its pathogenic significance [with summary in English]. A. G. Sharafeev. Klin. med no. 1:94-98 '62.

The proserine test is a simple and accessible method for functional diagnosis in pancreatic diseases N. A. Zhukov. Sov. med. 25 no. 9:103-105 S '61.

Stenosis of the common bile duct caused by chronic pancreatitis and its surgical treatment [with summary in English]. V. Sh. Rabotnikov. Sov. med. 25 no. 9:23-28 S '61.

Treatment of patients with acute cholecystopancreatitis. IA. R. Bialik. Sov. med. 25 no. 9:138 S '61.

PANCREAS—SECRETIONS

Secretory activity of the abomasum and pancreas and bile secretions in sheep. D. K. Kulmov. Fiziol. zhur. 47 no. 1:1314-1318 O '61.

PANCREATIC CYSTS

Case of traumatic cyst of the pancreas. A. G. Eis, K. M. Boldin. Sov. med. 25 no. 9:138 S '61.

PANJABI LANGUAGE—DICTIONARIES—RUSSIAN

[Panjabi-Russian dictionary] Pandzhabsko-russkii slovar'. Sost. I. S. Rabinovich i I. D. Serebriakov. Okolo 35000 slov. S prilozheniem kratkogo ocherka grammatiki iazyka pandzhabi, sost. A. I. Ai senovym. Moskva, Gos. izd-vo inostr. i natsional'nykh slovarei, 1961. 1039 p

PANORAMAS

Art of the panorama B. Nikiforov. Iskusstvo 24 no. 6:37-39 '61

PANOVA, VERA FEDOROVNA, 1905-

Aspect of the affirmative hero in V. F. Panova's novel "Kruzhilikha." O. B. Raikovskaia Nauk. zap. Stan. derzh. ped. inst. vol. 4:104-123 '60.

PANTOTHENIC ACID—THERAPEUTIC USE

Calcium pantothenate in the clinical aspects of tuberculosis in the presence of side effects of streptomycin [with summary in English]. E. S. Stepanian, B. IA. Stukalova. Sov. med. 25 no. 9:90-94 S '61.

PAPAVERINE

Pharmacology and clinical use of some hypotensive preparations. G. T. Pisko, E. IU. Revenskaia. Vrach. delo no. 6 146 Je '61

PAPAVERINE—PHYSIOLOGICAL EFFECT

Effect of papaverine, nitroglycerin and chloracizin on coronary blood circulation in disorders of the myocardial blood supply [with summary in English] G. A. Markova. Farm. i toks. 24 no. 3:292-297 My-Je '61

PAPER

Chulko, V. K. [Manufacture of paper for industrial use] Proizvodstvo tekhnicheskikh bumag. Moskva, Goslestumizdat, 1961, 198 p.

From the pages of foreign journals. Bum. prom. 37 no. 1:32 Ja '62.

Lowering the weight of the square meter of paper is an urgent problem. L. I. Ginzburg Bum. prom. 36 no. 11:9-10 N '61.

PAPER—TESTING

Measuring the transparency of paper. E. IA. Baimasov. Bum. prom. 36 no. 9:32 S '61.

PAPER INDUSTRY
(see also subdivision under Archangel Province; Astrakhan; Balakhna; Lithuania; Malin; Rumania)

Application of polyacrylamide for better preservation of fillers in paper. N. A. Afonchikov, E. A. Terent'ev. Bum. prom. 36 no. 11:22-25 N '61.

Basic trends in the development of the production of fibrous intermediate products. N. A. Rozenberger, V. V. Naumov. Bum. prom. 36 no. 9 4-7 S '61.

Calculation based on average products. IA. M. Kachanov. Bum. prom. 36 no. 10 23-24 O '61.

Conference on paper quality at the Krasnogorodskaya Factory. V. S. Smirnov. Bum. prom. 36 no. 11:20 N '61.

Expanding participation of masses in creative activities. S. G. Gorchenkov. Bum. prom. 36 no. 9:11-12 S '61.

Fifth Plenum of the Central Administration of the Scientific and Technical Society. Bum prom. 37 no. 1 insert:1 and 2 Ja '62.

Fifth Plenum of the Central Administration of the Scientific and Technical Society of the Paper and Woodworking Industry. Der. prom. 11 no. 2:27 F '62.

From the pages of foreign magazines. Bum. prom. 36 no. 9:37 S '61.

From the pages of foreign magazines. Bum. prom. 36 no. 10.32 O '61.

From the pages of foreign periodicals. Bum. prom. 36 no. 11:32 N '61.

Manufacture more high-quality cloths for the paper industry. E. P. Vorob'ev. Bum. prom. 26 no. 11:6-7 N '61.

More paper for our country. S. Gorchenkov. NTO 3 no. 12:15-17 D '61.

Morphological and chemical composition of reed pulp. F. F. Debrentsev. Bum. prom. 36 no. 10.6-8 O '61.

Needs of the industry must be met. P. P. Sarychev. Bum. prom. 36 no. 11:28-29 N '61.

Problems brought forth by life. V. N. Maliutin. Bum. prom. 36 no. 9:8-10 S '61.

Simplified method of calculation is needed for the paper industry. A. V. Chirkov. Bum. prom. 36 no. 10:22-23 O '61.

Third congress of historians of the paper industry. Z. V. Uchastkina. Bum. prom. 36 no. 9:36 S '61.

Vanguard of the builders of communism. Bum. prom. 36 no. 11:1-3 N '61.

We must fully ensure the requirements of the national economy in woodpulp-paper products. Bum. prom. 37 no. 1:1-2 Ja '62.

We shall produce woodpulp and paper products in abundance. Bum. prom. 36 no. 9:2-3 S '61.

Worthy objective of engineers and technicians. Bum. prom. 36 no. 12:1-2 D '61.

PAPER INDUSTRY—ACCOUNTING

Keeping records and planning in the metric system will help the economy of supplies for the paper industry A. V. Chirkov Bum prom 36 no 11:8-9 N '61.

Parallel calculation of paper by weight and by area is needed. A. F. Tishchenko Bum prom. 36 no. 11:11 N '61

Speed up the introduction of paper measuring by area. IU. I. Lapin. Bum prom 36 no 11:12-13 N '61.

We are for the present method of keeping records. K. I. Vazhenin, A. A. Il'in. Bum. prom. 36 no 11:13 N '61.

PAPER INDUSTRY—BIBLIOGRAPHY see Bibliography—Paper industry

PAPER INDUSTRY—RESEARCH

Guiding line in research S. A. Puzyrev. Bum prom 36 no. 10-1-3 O '61

PAPER PRODUCTS

Digestion of woodpulp for fine capacitor paper. B. G. Milov, M. I. Vitovlova, N. A. Strunnikov. Bum. prom 37 no. 1,17-19 Ja '62.

PAPERBOARD

Parts and articles made of fibrous materials. S. Sh. Datskovskii, D IA. Timoshin Vest. mash 42 no. 1: 52-55 Ja '62.

PAPERBOARD—TESTING

Automatic device for measuring cardboard thickness. A P. Gritsenko, V. N Dogotar', G. N. IAtsenko. Bum prom. 36 no 10 21 O '61

PAPERMAKING MACHINERY

(see also subdivision under Canada; United States)

"Adjusting electric drives in paper machines," by P. G. Rybakov. Reviewed by B. -S. D. Soltamov. Bum. prom. 36 no. 10:31 O '61.

Analysis of the pulp grinding process. A. F. Tishchenko. Bum. prom. 36 no. 12;17-18 D '61.

Automatic regulator of weight of the square meter of paper sheet. A. S. Shamson. Bum. prom. 36 no 12: 23-24 D '61.

Cantilever-type wire tables for paper and cardboard machines. B. F. Ul'berg, G. P. Riabchuk, F. L. Livshits Bum. prom. 36 no. 10 8-11 O '61.

Circular equipment for digesters. M M. Shikhovtsev. Bum prom 36 no 10:20 O '61.

Device for the automatic control of the amount of pulp in liquor-flow. A. A. Nagibin, V. I Shchipunov. Bum. prom 36 no. 9,28-30 S '61.

Effect of basic parameters on the production capacity of a slitter. IU V. Gurvich and others. Bumagodel. mash. no. 9, 155-172 '61

First Russian papermaking machines for the manufacture of a grease-impervious paper V M. Pestrukov, M. T. Viktorov. Bumagodel mash. no. 9:72-79 '61.

Improvements in paper machines (from "Pulp and Paper," November, 1960). Bum. prom. 36 no. 10,28 O '61.

Industrial sample of an electrical automatic rotor setting of a conical refining mill. A. D Likhter. Bumagodel. mash. no 9,64-71 '61.

Industrial testing of the ML-01 and ML-05 conical refining mills. I. L. Shil'nikov. Bumagodel mash. no. 9. 53-63 '61.

Is a "pickup" needed? K. N. Mazminov. Bum. prom. 36 no. 10;29 O '61.

Machines with circular grids. IU. G. Morozova. Izv. vys. ucheb. zav., mashinostr. no. 8 56-63 '61.

Manufacture first-class machinery for the paper industry. E. M. Golovko. Bum prom. 36 no. 11;4-6 N '61.

Measuring the pressure pulsation of a pulp suspension against the sieve in sorting knot screens. K. A. Smirnov, D. I. Zigberman. Bumagodel. mash. no. 9:26-32 '61.

Modern systems of lining digesters. B. V. Lopatin. Bum. prom. 36 no. 9, 30-31 S '61.

Modernization of the drying section of a papermaking machine. A. N. Gusev. Bum. prom. 37 no. 1;28-29 Ja '62.

New emulsifier for making chalk paper. I. P. Komkov, A. F. Divinskii. Bum. prom. 36 no 9:35 S '61.

Preface. Bumagodel. mash. no. 9-3-4 '61.

Preparing the stock for refiners with all-metal fittings. V. I. Alatin, A. I. Drozdova, N. N. Parkhomenko. Bum. prom. 36 no. 9:33-34 S '61.

Production line for refining woodpulp. I. S. Apanasenko, L. M. Shabolkin. Bum. prom. 36 no. 10:11 O '61.

Pulp grinding with the help of acoustic media. D. S. Dobrovol'skii, A. V. Byvshev, B. D. Levin. Bum. prom. 36 no. 9:26-27 S '61.

RMO-1600 chopping machine. N. P. Rushnov. Bum. prom. 36 no. 12;21-22 D '61.

Screen and sorting machine for waste paper pulp. V. M. Vanchakov, S. A. Aizenberg, L. S. Novikova. Bumagodel. mash. no. 9;5-18 '61.

Selectifiers for cleaning high-concentration stock. IU. N. Boldyrev. Bum. prom. 36 no. 10;20 O '61.

Selecting efficient systems of grinding in manufacturing paper from bleached woodpulp. S. N. Ivanov. Bum. prom. 36 no. 12;8-11 D '61.

PAPERMAKING MACHINERY (Continued)

Semiautomatic proportioning of hypochlorite solution. K. M. Barsukov Bum prom. 36 no. 12;19 D '61.

Separation of fibers with the help of acoustic vibrations (from "Pulp and Paper," November, 1960) Bum. prom. 36 no 10 29 O '61.

Some peculiarities of the performance of conic grindors. A. A. Khlebnikov, V. F. Pashinskii. Bum. prom. 36 no. 11;18-20 N '61

Static controlling apparatus for a multimotor electric drive of a papermaking machine I. M. Indurskii. Bum. prom 37 no. 1;21-22 Ja '62.

Study of a speed-regulating system of a section with an electronic amplifier A D. Shustov Bumagodel mash no 9 111-145 '61.

Study of an automatic speed-regulating system of a section with a mechanical differential B M. Shraibman. Bumagodel mash. no. 9-87-110 '61

Study of the basic factors determining the closeness of rewinding on a winder E. A. Nakhamkin, I IA. Eidlin, D A. Kaplan. Bumagodel mash. no. 9 173-183 '61

Suction couch roll made of acid-resistant steel A. M. Levinson Bumagodel mash. no. 9 80-86 '61

Technological and economic effectiveness of the modernization and reconstruction of paperboard- and papermaking machines. P. I. Gostev. Bumagodel. mash. no. 9 146-154 '61.

Testing polished screens. G. F. Pronin. Bum. prom. 36 no 10 14 O '61.

Thickness gauge for coatings. D. I. Zigberman. Bumagodel. mash. no 9 184-186 '61.

Thin crepe paper. A. I. Kavaliauskas. Bum. prom. 37 no. 1;27 Ja '62.

Utilization of centrifugal cleaners for processing the stock in front of the paper machine. A. F. Tishchenko, M. IA. Kovrizhkina. Bum. prom. 36 no. 10-18-19 O '61.

Utilization of polyacrylamides in a flotation pulp trap. P. A. Ryl'skaia, M. M. Kozlova Bum prom 36 no 10 15 O '61.

Viscosimeter for determining fiber grinding in paper pulp. A. S. Gavrilov. Bum. prom. 36 no. 11;26-27 N '61

PAPERMAKING MACHINERY—TECHNOLOGICAL INNOVATIONS

Conditions for making paper with great speed. P. A. Tumbin. Bum. prom. 36 no. 11;21-22 N '61.

PAPERMAKING MACHINERY—TESTING

Testing wortex screens of various types. V. M. Vanchakov and others. Bumagodel mash. no. 9;19-25 '61.

PAPERMAKING MACHINERY—WELDING

Welding knife pockets of a chipper. A. P. Emel'ianov. Bum. prom. 36 no. 10,19-20 O '61.

PAPUAN ART see Art, Papuan

PARACHUTE TROOPS

"From the air into battle" by I. I. Lisov. Voen. vest. 41 no. 7;125-126 Jl '61.

PARACHUTING

In the air and on the ground. P. Antonov. Kryl. rod. 13 no. 2;10-12 F '62.

PARACHUTISTS

Birthday of parachutists. I. Lemberik. Ogonek 40 no. 5-9 Ja '62.

PARAFFIN WAX

Determining the carbonyl numbers of paraffin oxidation. Z. I. Bukhshtab. Masl. -zhir. prom. 27 no. 11;28-[illegible]

PARAFFINS

(see also subdivision under Apsh

Effect of soap concentration on the ration of unsaponifiables. P. G. Khim. i tekh. topl. i masel 7 no.

Initiation mechanism of potassium oxidation of paraffinic hydrocarb B. G. Freidin, E. K. Prokof'ev. no. 11-2606-2587 N '61.

Liushin, S. F., V. A. Rasskazov, a of the UNII-3 spring wall scrape tichesk ogo letatushchego skrebka skoe knizhnoe izdatel'stvo, 1958. neftianiku)

Reaction of polyfluorinated nitroac rated compounds. S. P. Makarov SSSR 142 no. 3 596-599 Ja '62.

Use of nitro paraffins in the produ IA. A. Shmidt, O. B. Bol'tseva, N. prom. no. 1;16-17 Ja '62.

PARALYSIS

Characteristics of massage in hem origin. L. L. Guseva. Vop. kur. kul't. 26 no. 4;312-315 Jl-Ag

Pharyngeal paralysis as a clinical respiration in acute poliomyeliti English], V. P. Doroshchuk, Ve '61.

Pseudoparalytic syndrome in vascular diseases of the brain. P. B. Posvianskii. Trudy Gos. nauch.-issl. ist. psikh. 22 201-222 '60.

Some data on intestinal paresis in experimental peritonitis [with summary in English]. O. S. Kochnev. Biul eksp biol i med. 52 no 10 51-57 O '61.

PARALYSIS, FACIAL

Bell's palsy ["Otolar, polska, "No. 3, 1960]. Zhur. ush., nos. i gorl. bol. 21 no. 4;85 Jl-Ag '61.

Case of surgical treatment of paralysis of the facial nerves ["Otolar. polska," No. 3, 1960] Zhur. ush., nos. i gorl. bol. 21 no. 4;85 Jl-Ag '61.

PARALYSIS, INFANTILE see Poliomyelitis

PARALYSIS AGITANS

Syndrome of Parkinsonism in patients with cerebral atherosclerosis. G. A. Mashanova. Trudy Gos. nauchno-issl. inst. psikh. 22 189-200 '60.

PARAMAGNETIC RESONANCE AND RELAXATION

Fine and hyperfine structure of paramagnetic resonance rotation. F. S. Imamutdinov. Zhur. tekh. fiz. 31 no 12. 1472-1476 D '61

Paramagnetic resonance in solutions of complex copper salts. Determination of the characteristic parameters of the Brownian rotation of complexes. A I. Rivkind. Zhur. struki. khim. 2 no. 3;369-370 My-Je '61.

Paramagnetic resonance in solutions of Cr^{3+} salts [with summary in English]. N. F. Usacheva. Zhur. eksp. i teor. fiz. 41 no 6;1771-1772 D '61

PARAMECIUM

Changes in properties toxic to paramecia in blood plasma from rabbits and monkeys with acute radiation sickness. G. A Dzhafarov. Med. rad. no 9 38-45 '61.

PARAMETRIC AMPLIFIERS

Parametric amplifiers. O. Dobiukin, L. Modestov. Radio no. 1;47-49 Ja '62.

PARANOIA

Characteristics of the paranoid syndrome in cerebral atherosclerosis. A. F. Kol'tsova. Trudy Gos. nauchno-issl. inst. psikh. 22-176-188 '60.

PARASITES see subdivision under Mingechaur Reservoir

PARASITES—BIRDS

(see also subdivision under Turkmenistan)

Bykhovskaia-Pavlovskaia, I. E. [Trematoda of birds of the U. S. S. R.; ecological and geographical survey] Trematody ptits fauny SSSR; ekologo-geograficheskii obzor. Moskva, Izd-vo Akad. nauk SSSR, 1962, 407 p.

PARASITES—FISHES

Characteristics of the formation of the parasite fauna of fishes in Mingechaur Reservoir. T. K. Mikhailov. Izv AN Azerb. SSR, Ser. biol. i med. nauk no. 10;67-74 '61.

PARASITES—SWINE

Study of the helminth fauna of domestic swine in Georgia. L. I. Kolava. Soob. AN Gruz. SSR 27 no. 5;601-606 N '61

PARASITOLOGY—CONGRESSES

International Conference on the Problems of Eliminating Parasitic and Infectious Diseases. A. I. Shcherenkova. Zdrav. Tadzh. 6 no. 6;43-47 N-D '61.

Problems in the [illegible]

PARIS—EXHIBITIONS

Automobile Exhibition in Paris. L. Afanas'ev. Avtomobilist 1 57-59 '61

PARIS—PAINTINGS

Theft of "Gioconda." V. Vladimirov. Ogonek 40 no. 2: 30-31 Ja '62.

PARIS—THEATER

On Parisian soil. I. Romaneeva. Teatr 22 no. 6; 135, 140 Ag '61.

Troubled season in Paris. V. Gnevskii. Teatr 22 no 8:190-192 Ag '61.

PARKINSON'S DISEASE see Paralysis agitans

PARLIAMENTARY PRACTICE

Parliamentary practice of bourgeois states. B. S. Krylov. Uch. zap. IMO no. 3:100-121 '61.

PARODY

On literary parodies. A Bezymenskii Vop. lit 5 no. 8:157-167 Ag '61.

"Russian verse parodies of the 18th and beginning of the 19th century" Reviewed by L Livshits Vop. lit. 5 no. 8:229-233 Ag '61.

PAROLE

The practice of release on parole. M. Antonov. Rad. pravo no. 4:87-91 Jl-Ag '61.

PAROTID GLANDS—CANCER

Combination of histogenetically different malignant tumors of the brain and parotid gland. A I. Paches, S. Kh. Khamitov. Vop. onk. 7 no. 5:85-88 '61.

PARTICLE, DYNAMICS OF see Dynamics of a particle

PARTICLE ACCELERATORS

Accelerating system on an H-wave. L. I. Bolotin and others. Zhur. tekh. fiz. 31 no. 12, 1426-1430 D '61

Antonov, Iu. N., and others. [Focusing and adjusting the injector beam of a linear accelerator] Fokustrovka i iustirovka puchka inzhektora lineinogo uskoritelia. Dubna, Ob"edinennyi in-t iadernykh issl., 1961. 10 p.

Basic factors of the environment and occupational hazards occurring with accelerators of singly and multiply charged ions. L. V. Kuznetsova, N. N. Korshunova. Med. rad. no. 7:63-67 '61.

Electrostatic focusing of intensive beams of charged particles in systems with cylindrical cathodes. V. P. Ignatenko. Zhur. tekh. fiz. 31 no 12:1443-1450 D '61.

Linear electron accelerator. G. I. Zhilelko. Atom. energ. 12 no. 2:147-149 F '62.

Use of the principle of automatic correction of a magnetic field in cyclic accelerators designed to produce ultra-high energies. E. L. Burshtein and others. Atom. energ. 12 no. 2:111-115 F '62

ARTICLE SIZE DETERMINATION

Photo-planimetric determination of the grain-size distribution of a rock mass loaded into wagons. L. I. Baron, S. P. Levchik. Vzryv. rab. no. 4:57-67 '60.

Theoretical determination of grain-size distribution when rock is broken down by explosives. E. P. Maksimova. Vzryv. rab. no. 4:18-25 '60.

Ways to improve grain-size distribution when breaking down minerals by explosives. G. P. Demidiuk Vzryv rab. no. 4:26-41 '60.

PARTICLES (NUCLEAR PHYSICS)

Equation of state for matter of superhigh density. G. S. Saakian. Izv. AN Arm. SSR Ser. fiz -mat. nauk 14 no. 6: 117-123 '61.

PARTIES FOR CHILDREN see Children's parties

PARTITION

Examination of lawsuits concerning the partition of farmsteads and the apportion of their parts to withdrawing members. S. Ubylkin', O. Kudriavtsev. Rad. pravo no. 4:79-87 Jl-Ag '61.

Inconsistent position of the Ministry of Justice of the R.S.F.S.R. V. Ugol'kov. Sots. zakon. 38 no. 12, 58 D '61.

PASHEV, KONSTANTIN MIKHAILOVICH—BIBLIOGRAPHY see Bibliography—Pashev, Konstantin Mikhailovich

PASSIVATION

Electrochemical study of zirconium passivation in acid solutions. A. IA. Shatalov, T. P. Bondareva. Zhur. prikl. khim. 34 no. 11:2487-2495 N '61.

PASTROVICI PROVINCE, DALMATIA—ETHNOLOGY

"Pastrovici; anthropogeographical and ethnological study" [in Serbo-Croatian] by J. Vukmanovich. Reviewed by M. Freidenberg. Sov. etn. no. 5:187-189 S-O '61

PASTURES AND MEADOWS

(see also subdivision under Buryat-Mongolia; Kaliningrad Province; Slavsk District)

Shashin, P. P. [Improvement of meadows is an urgent task of collective and state farms] Uluchshenie lugov - neotlozhnoe delo kolkhozov i sovkhozov. [Kaluga] Kaluzhskoe knizhnoe izd-vo, 1959. 17 p. (DA)

Special features in the improvement of Solonetz soils of meadows. A. V. Novikova. Nauch. trudy Ukr. nauch.-issl. inst. pochv. 5 121-131 '61

PATENTS

[Bulletin on inventions.] Biul. izobr. 38 nos. 21-22 N '61.

PATHOGENIC FUNGI see Fungi, Pathogenic

PATHOLOGICAL ANATOMY see Anatomy, Pathological

PATHOLOGY, CELLULAR

Cytomegaly. L. S. Levenbuk. Vop. virus. 6 no 5:517-520 S-O '61.

PATINIR, JOACHIM DE, ca. 1475-1524

J. Patinir's "Landscape portraying a rest on the flight into Egypt." N. Nikulin. Soob. Gos. Erm no. 20:14-16 '61.

PAVEMENTS, CONCRETE

Timofeev, A. A. [Precast and precast reinforced-concrete pavement for city streets and sidewalks] Sbornye betonnye i zhelezobetonnye pokrytiia gorodskikh dorog i trotuarov. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1961 158 p

PAVLODAR PROVINCE—BOTANY

Vegetation of the northeastern section of the undulating plains of central Kazakhstan; within the limits of Pavlodar Province. Z. V. Karamysheva. Trudy Bot. inst. Ser. 3 no. 13:464-486 '61.

PAVLOVSKAYA (KRASNODAR TERRITORY)—SUGAR INDUSTRY

Practice of launching the Pavlovskaya Sugar Factory. V. A. Kolesnikov. Sakh. prom. 35 no. 12:34-35 D '61.

PAYMENT

(see also subdivision under Moldavia)

For the further improvement of payments in the national economy. A. Kudiavtsev. Den. i kred. 20 no. 1:8-13 Ja '62.

PEA TREE

Proteins in seeds of the Siberian pea tree and the cowpea. L. B. Shemetaite Trudy Glav. bot. sada 8:47-50 '61

PEACE

Problems disturbing the young people. B. Leont'ev. Mol. komm. no. 7 10-21 Jl '61.

PEACE TREATIES see subdivision under Germany

PEARLS

Artificial growing of pearls. G. I. Kononenko. Priroda 51 no 1:111-112 Ja '62.

PEAS see subdivision under Belgorod Province, Tatar A. S. S. R.

PEAS—DISEASES AND PESTS

Using herbicides on pea fields. G. P. Kutuzov. Zemledelie 23 no 12:20-22 D '61.

PEASANT UPRISINGS see subdivision under China; Tomsk Government

PEASANTRY

(see also subdivision under Lebanon)

V. I. Lenin's theory of the alliance of workers and peasants and its development in the new program of the CPSU. V. M. Selunskaia. Vest. Mosk. un. Ser. 9: Ist. 17 no. 1:11-25 Ja-F '62.

PEAT

(see also subdivision under Armenia; White Russia)

Cyclone combustion chamber for small boilers fired with milled peat. V. D. Kudrin, IU. S. Savarenskii. Prom. energ. 16 no. 7:21-26 Jl '61.

Effect of peat and its humic acids on roots. I. M. Kurbatov. Sbor. bot. rab. Bel. otd. VBO no. 2:58-67 '60.

Kuzhman, G. I. [Theoretical principles of the production of granulated peat fuel to be used as a source of power, gas, and chemicals] Teoreticheskie osnovy i prioces poluchenila melkokuskovogo torfianogo topliva dlia energogazokhimicheskogo ispol'zovanila Pod red. M. P. Volarovicha. Moskva, Gos. energ. izd-vo, 1961. 303 p.

Production of aromatic hydrocarbons by the pyrolysis of powdered peat. V. G. Kashirskii. Izv. vys. ucheb. zav. fizhim. i khim. tekh. 4 no. 4:661-664 '61.

Protease activity of turf-Podzolic soils and the effect of the organic matter of peat on it. R. M. Latypova. Dokl. AN BSSR 5 no. 12:582-584 D '61.

Reactivity of peat coke. N. D. Drozhalina, V. E. Rakovskii. Khim. i tekh. topl. i masel 6 no. 12:18-21 D '61

PEAT BOGS

Primary cultivation practices for drained bogs. M. F. Neznaev. Gidr. i mel 14 no. 2:32-41 F '62.

PEAT GASIFICATION

Formation and composition of water-soluble products of thermal decomposition of peat. V. E. Rakovskii, S. S. Mal', N. S. Volosovich. Dokl. AN BSSR 5 no. 12: 558-560 D '61.

PEAT MACHINERY

Leningrad. Vsesoiuznyi nauchno-issledovatel'skii institut torfianoi promyshlennosti. [Temporary instructions for the operation of the KPSh-2 machine for cleaning peat block drainage ditches] Vremennaia instruktsiia po ekspluatatsii mashiny KPSh-2 po prochistke kamtovykh kanav. Moskva, Gos. energ. izd-vo, 1959. 29 p.

Self-grinding cutting parts of milling cutters. V. N. Tkachev, N. M. Shvedikov Trakt i sel'khozmash 31 no. 12:19 D '61.

PEAT SOILS

(see also subdivision under Trubezh Valley; White Russia; Yakhroma Valley)

Proteolitic activity of peat soils. V. F. Kuprevich, T. A. Shcherbakova Dokl. AN BSSR 5 no. 12:579-581 D '61.

PECHORA BAY REGION—HERRING

Herring of the Pechora Bay and adjacent regions; an outline of biology and fishery prospects. L. I. Vasil'ev. Probl. Sev. no. 4:121-130 '61.

PECHORA VALLEY—PETROLOGY

Lithological survey of lower Permian deposits in the middle Pechora Basin N K Kuz'kokova. Trudy Komi fil. AN SSSR no. 9:135-147 '60.

PECTIN

Effect of metallic cations on the jellying power of sunflower pectin. T. K. Gaponenkov, Z I Protsenko Izv vys ucheb zav , pishch tekh. no. 5 35-39 '61

PEDIATRIC SOCIETIES

Plenum of the board of the All-Union Scientific Society of Pediatricians O. A. Chumaevskaia. Pediatriia 40 no 12:59-60 D '61

Proceedings of the Society of Pediatricians. Pediatriia 40 no. 12:61-70 D '61.

Role of the scientific medical society of pediatric physicians in improving medical attendance for children. A. F. Tur. Vop. okh. mat. i det. 6 no 3:3-6 Ag '61.

PEDIATRICS

(see also subdivision under Armenia)

Annotations. Vop. okh. mat. i det. 6 no. 8:86-89 Ag '61.

Data on the history of Russian pediatrics. Aleksandr Nikolaevich Shkarin (1876-1921). P. I. Il'inskii Pediatriia 40 no. 12:44-47 D '61

"Essays on the history of Russian pediatrics in the second half of the 19th century" by V. S. Vail'. Reviewed by V. A. Nevskii. Pediatriia 40 no 12:54-56 D '61.

"Essays on the history of Russian pediatrics in the second half of the 19th century" by V. S. Vail'. Reviewed by V. A. Nevskii. Zdrav. Tadzh. 8 no 5:44-45 S-O '61

Work of a district physician. E. P. Zykova. Vop. okh. mat. i det. 6 no. 8:70-71 Ag '61.

PEDIATRICS—BIBLIOGRAPHY see Bibliography—Pediatrics

PEGMATITES see subdivision under Chuya Valley; Kola Peninsula; Mama Valley

PELVIS—CANCER

Interilioabdominal amputation in malignant tumors of the pelvic girdle. IU. V. Petrov. Vop. onk. 7 no. 5: 103-110 '61.

PENALTIES (CRIMINAL LAW) see Fines (Penalties)

PENALTIES, CONTRACTUAL

Accounting should serve to strengthen contractual relations in the national economy. E. V. Novak. Uch. zap. Kish. un. 53:121-123 '61.

PENICILLIN

Electrophoresis of penicillin. E. A. Shablovskaia. Vop. kur., fizioter. i lech. fiz. kul't. 24 no. 6:536-539 N-D '59.

Intratracheal administration of penicillin and novocaine in the treatment of bronchial asthma. A. S. Simonenko. Vrach. delo no. 6:127-128 Je '61.

Pathmorphological and clinical aspects of complications in drug therapy [with summary in English]. G. I. Morozov. Sov. med. 25 no. 9:97-102 S '61.

Study of the conditions for replacing carbohydrate media with starch and potatoes in penicillin production without lowering the antibiotic yield [with summary in English]. E. B. Petrova, V. A. Podmostkova, P. A. IAkimov. Antibiotiki 6 no. 6:492-496 Je '61.

Treatment of gynecological sepsis by intraarterial administration of penicillin with blood and vitamins. N. P. Kalashnikova. Akush. i gin. no. 5:95-97 '61.

Use of bicillin in pneumonia. V. V. Osinskii. Vrach. delo no. 6:128-129 Je '61.

PENICILLIN—TOXICOLOGY

Anaphylactic shock in penicillin therapy. G. A. Gol'dberg, L. P. Motovilova. Sov. med. 25 no. 7:124-126 Jl '61.

Clinical manifestations of medicinal penicillin allergy [with summary in English]. IU. P. Borodin. Sov. med. 25 no. 7:58-66 Jl '61.

PENIS—WOUNDS AND INJURIES

Case of strangulation of the penis by a metal ring. R. M Nurmukhamedov Med. zhur Uzb. no 7 64-65 Jl '61

PENS

Fountain pens should be convenient and attractive. IU. Lebedeva. Sov. torg. 35 no. 1:45-46 Ja '62.

PENSIONS

(see also subdivision under Vologda Province)

Applying the order approved by regulation No. 1173, August 22, 1956, of the Council of Ministers of the U. S. S. R. of the lists of industries, workshops, professions and occupations granting state pensions on preferable terms and preferable amounts. Biul. Gos kom. po vop. truda i zar. platy no. 10:29-31 '61

Applying the order approved by regulation No. 1173, August 22, 1956 of the Council of Ministers of the U. S. S. R. of lists of industries, workshops, professions, and occupations granting state pensions on preferential terms and amounts to workers having other occupation titles in the wage and classification manual which was effective during 1956-1961; in connection with regulating wages. Biul. Gos kom. po vop. truda i zar. platy no 11: 19-38 '61.

PENTADECANOIC ACID

Electrosynthesis of ω -oxypentadecanoic acid. M. IA. Fioshin and others. Khim. prom. no. 1:41-43 Ja '62.

PENTAMINE

Instruction in the use of pentamine. Khim. i med. no. 15: 136-138 '60.

PENTAMINE—PHYSIOLOGICAL EFFECT

Effect of pentamine on kidney function. L. M. Romendik. Khim. i med. no. 15:130-135 '60.

Pharmacology of the ganglion blocking preparation, pentamine. I. M. Sharapov. Khim. i med. no. 15:26-30 '60.

PENTAMINE—THERAPEUTIC USE

Pentamine in the treatment of peptic ulcer of the stomach and duodenum and in dyskinetic constipation. S. V. Bazanova, V. V. Sgibova. Khim. i med. no. 15:110-125 '60.

Use of pentamine in hypertension. E. V. Erina. Khim. i med. no. 15:77-86 '60.

PENTANEDIAMINE—PHYSIOLOGICAL EFFECT

Effect of isoverine on the neuromuscular synapses of the skeletal muscle [with summary in English]. V. V. Nevelichuk. Farm. i toks. 24 no. 3:325-327 My-Je '61.

PENTANEDIOL

Stepped dehydration of 1,5-pentanediol over a tricalcium phosphate catalyst. L. Kh. Freidlin, V. Z. Sharf. Zhur. prikl khim. 35 no. 1:212-214 Ja '62.

PENTOSANS

Vsesoiuznoe soveshchanie po voprosam ispol'zovaniia pentozansoderzhashchego syr'ia, Riga, 1955. [Utilization of pentosan-containing raw materials; translations of the All-Union Conference] Voprosy ispol'zovaniia pentozansoderzhashchego syr'ia, trudy. Riga, Izd-vo Akad. nauk Latviiskoi SSR, 1958, 621 p.

PENZA PROVINCE—LIBRARIES AND READERS

We want to become acquainted with our own region. T. Kashevarova. Bibliotekar' no. 2:33-34 F '62.

PEPTIC ULCER

Analysis of causes of mistakes in the X-ray diagnosis of gastric cancer and ulcer [with summary in English]. N. N. Braitseva. Sov. med. 25 no. 9:28-33 S '61.

Case of combined cancer of the duodenum and bleeding gastric ulcer. G. F. Goiburov, B. F. Tereshchenko. Sov. med. 25 no. 9:136 S '61.

Clinical aspects, immediate and late results in the treatment of a perforating ulcer of the stomach and duodenum. V. A. Samsonov. Vest. khir. no. 6:122-126 '61.

Clinical study of 5% hexonate as a ganglion-blocking drug in the treatment of gastric and duodenal ulcers Z. I. Zifberman. Vrach. delo no. 6 130 Je '61.

Functional changes in the gastrointestinal tract in patients with peptic ulcer of the stomach and duodenal bulb after ingestion of cabbage juice (X-ray study). P. K. Klimov. Terap. arkh. 33 no. 9:28-32 '61.

Gastroscopy in the diagnosis of chronic gastritis, peptic ulcer and polypous gastric disease. E. D. Abdullaeva. Azerb. med. zhur. no. 7:62-70 Jl '61.

Hexonium in the treatment of peptic ulcer [with summary in English]. P. A. Tepper and others. Terap. arkh. 33 no. 9:15-22 '61.

Late results of surgical treatment of gastric and duodenal peptic ulcers according to materials from a therapeutics department. P. S. Semenova. Sov. med. 25 no. 10:110-112 O '61.

Mechanism of quateleron and fubromegan action in the treatment of peptic ulcer [with summary in English]. T. A. Baraukova. Terap. arkh. 33 no. 8:22-28 '61.

Medicinal treatment of peptic ulcer [with summary in English]. A. G. Gukasian. Terap. arkh 33 no. 8 10-15 '61.

Pentamine in the treatment of peptic ulcer of the stomach and duodenum and in dyskinetic constipation. S. V. Bazanova, V. V. Sgibova. Khim i med. no. 15,110-125 '60.

Repeated ulcerous perforations of the stomach and duodenum. IU. O. Furman. Sov med. 25 no 10:115 O '61.

State of the cardiovascular system in patients with chronic gastritis and peptic ulcer [with summary in English] A. D. Dzhalalov, A. N. Garanian. Med. zhur Uzb. no. 8 89-92 Ag '61.

Treatment of gastric and duodenal peptic ulcer by Chinese respiratory exercises (pneumotherapy) and Shostakovskii's balsam [in Azerbaijani with summary in Russian]. N. Z. Vezirova, S. IA. Kravchinskaia. Azerb. med. zhur. no. 7, 57-62 Jl '61.

Treatment of patients with peptic ulcer using health resort factors outside of health resorts. E. B. Vygodner. Vop kur., fizioter. i lech. fiz kul't. 26 no 6 481-486 N-D '61

Treatment of peptic ulcer of the stomach and duodenum with dioquine. I. B. Shulutko, D. V. Tolmach, E. N. Shklovskaia. Khim i med no. 15:102-106 '60.

PEPTIDES

Spectrophotometry of biuret complexes as a method for investigating polypeptides and proteins M I Plekhan Khim. helka no. 1, 191-244 '61.

PERCEPTION

Building a tactile image [with summary in English]. L. M. Vekker, IU P. Lape Vop. psikhol. 7 no. 5 143-153 S-O '61.

Perception as a probability process [with summary in English]. L. Arana. Vop psikhol 7 no 5:17-62 S-O '61

PERCH see subdivision under Amur River

PERCUSSION

Significance of the symptom of percussive painfulness in the diagnosis of acute abdomen. N. S. Mazchenko Sov. med. 25 no. 9:137 S '61

PERESECHINO (MOLDAVIA)—FIRST AID IN ILLNESS AND INJURY

Some problems in the organization and operation of sanitary posts as the first link in the system of aid in accidents [with summary in English]. R. L. TSvang. Sov. med. 25 no. 8:99-102 Ag '61.

PERICARDITIS

Diffuse pericarditis in myocardial infarct [with summary in English]. Z. M Volynskii, E. E. Gogin, V. S. Solov'eva. Kardiologiia 1 no. 6, 58-66 N-D '61.

PERICARDIUM

Relexes from receptors in the pericardium in filling the spleen with blood [with summary in English] I. P. Krichevskaia. Biul. eksp. biol i med. 52 no. 10:19-21 O '61

PERICARDIUM—TUBERCULOSIS

Diagnosis and indices for surgical treatment of chronic constrictive pericarditis [with summary in English] E. N. Meshalkin, IU. I. Blau Kardiologiia 1 no 6 66-73 N-D '61.

PERICARDIUM—TUMORS

Case of combination of lipoma of the pericardium and intercostal hernia. N. S. Predelin. Klin. med. no. 1: 141-142 '62.

PERIODIC FUNCTIONS see Functions, Periodic

PERIODICALS—INDEXES

Index of articles published in the periodical in 1961. Izm. tekh. no. 12:66-72 D '61.

PERIPHERAL NERVES see Nerves, Peripheral

PERIPLOCIN

Comparative evaluation of the effect of periplocin and other cardiac drugs on circulatory insufficiency [with summary in English]. E. A. Gruzina. Sov. med 25 no. 7 38-42 Jl '61.

PERITONITIS

Effect of hypothermia on the course of peritonitis [in Azerbaijani with summary in Russian]. M. A. Topchibashev, B. N. Abrakhanova. Trudy Sekt. fiziol. AN Azerb. SSR 4:23-27 '60.

Effect of slight blood loss on body reactivity in experimental peritonitis [with summary in English]. E. M. Neiko. Vrach. delo no. 12:21-22 D '61.

Some data on intestinal paresis in experimental peritonitis [with summary in English] O. S Kochnev Biul eksp. biol. i med 52 no. 10:54-57 O '61.

Treatment of acute suppurative peritonitis in children [with summary in English]. P. V. Kravchenko, V. E Volkov. Sov. med. 25 no. 8:55-58 Ag '61

PERLITE (MINERAL)

(see also subdivision under Mukhor-Tala region)

Perlite and other natural acid volcanic glasses as rocks and industrial raw materials. V. P. Petrov, V. V. Nasedkin. Trudy IGEM no. 48:5-16 '61.

PERM—OPERA

New and talented, but... M. Bialik Sov. muz. 26 no. 1: 39-44 Ja '62

PERM—PETROLEUM REFINERIES

Problems prompted by life. M Vetrov. NTO 4 no. 1: 44-45 Ja '62.

PERM PROVINCE—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Perm Province party organization in the campaign for the further development of the productive forces in the western Urals 1951-1955. V. P. Krasavin. Trudy Perm. farm. inst. no. 1, 24-52 '59.

PERM PROVINCE—ECONOMIC CONDITIONS

Perm Province party organization in the campaign for the further development of the productive forces in the western Urals 1951-1955. V. P. Krasavin. Trudy Perm. farm. inst. no. 1:24-52 '59.

PERM PROVINCE—ELECTRIC POWER

Saving of power resources by the industrial enterprises of Perm Province. B. V. Kantor. Prom energ. 15 no. 8:12-13 Ag '60

PERM PROVINCE—GLIDING AND SOARING

Earlier start brings better results. G. Dobrolliubov. Kryl. rod. 13 no. 2 18 F '62

PERM PROVINCE—PHYSICAL GEOGRAPHY

Division of Perm Province into physicogeographical regions. B. A. Chazov. Vop. geog. no. 54 55-67 '61.

PERM PROVINCE—RUSSIAN LANGUAGE—DIALECTS

"Cultivation of speech" by I. A. Malofeev, F. L. Skitova. Reviewed by L. A. Azarova. Vop. kul't. rechi no. 3: 239-240 '61.

PERM PROVINCE—VALERIAN

Diffusion of Valeriana officinalis L. in Perm Province. V. N. Shukhardin. Trudy Perm. farm. inst. no. 1, 131-133 '59.

PERM PROVINCE—WAGES—CHEMICAL INDUSTRIES

Branch conferences of chemical industry workers of the Gorkiy and Perm Economic Councils. A. Chudin, D. Semenov. Biul. nauch inform. trud i zar. plata 4 no. 12:50-55 '61.

PERMAFROST see Frozen ground

PERMEABILITY

Calculating the permeability of the top and bottom of a layer in fluid flow. M. A. Gusein-Zade. Trudy MINKHiGP no. 33:143-197 '61.

PERMITTIVITY see Dielectric constants

PEROVSKAIA, SOF'IA L'VOVNA, 1853-1881

How S. L. Perovskaia escaped from the custody of pre-revolutionary police. R. E. Al'tshuller, K. F. Smitsyna. Ist. arkh 7 no. 3:282-283 My-Je '61

PEROXIDASE

Dynamics of some oxidative enzymes in the course of schizophrenia. A. V. Oleinik. Vrach delo no 6:77-79 Je '61.

PERSIA see Iran

PERSIAN LANGUAGE

Ahmad Kasravi's views on the reform of the present-day Persian language and writing. S. M. Aliev. Krat. soob. Inst nar Azii no. 30:95-102 '61.

PERSIAN LANGUAGE—NOUN

Classification of nouns in Persian. I. K. Ovchinnikova. Krat. soob. Inst. nar. Azii no 30:75-85 '61.

PERSONAL NAMES see Names, Personal

PERSONALITY

Communism and personality. A. Uledov. Mol. kommunist. no. 7:58-67 Jl '61.

PERSONS (LAW)

Mozheiko, V. N. [Legal persons according to Soviet civil law] Iuridicheskie litsa po sovetskomu grazhdanskomu pravu; uchebnoe posobie po kursu "Sovetskoe pravo." Moskva, Vses. zaochnyi finansovo-ekon. in-t, 1959. 43 p.

[MICROFILM]

PERSPIRATION

Perspiration and thermoregulatory reflexes in chronic trichophytosis [with summary in English]. A. N. Smirnov. Vest. derm. i ven. 35 no. 12:49-54 D '61

PERVOMAYSKAYA REGION (WHITE RUSSIA)—BRINES

Data on chemical study of brines in Devonian deposits of the Pervomayskaya prospect (well R-2). K. I. Lukashev, A. P. Markova. Dokl. AN BSSR 5 no. 11:503-505 N '61.

PETER THE FIRST RANGE—GLACIAL EPOCH

Character and age of the ancient glaciation of the northern slope of the Peter the First Range. O. K. Chedia, V. A. Vasil'ev. Trudy Tadzh. gos. un. 28 no. 1:101-117 '60.

PETER THE GREAT BAY—COAST CHANGES

Some features of coastal structure and development in the south of the Maritime Territory. V.S Medvedev, IU.S. Dolotov, F.A Shcherbakov Trudy Inst. okean 48:121-144 '61.

PETR LEBEDEV (SHIP)

First Atlantic expedition of the Academy of Sciences of the U.S.S.R on the ships "Sergei Vavilov" and "Petr Lebedev" I.E. Mikhal'tsev. Okeanologiia 1 no.6 1089-1093 '61

PETROGLYPHS see subdivision under Pamirs

PETROKREPOST—HISTORY

Kann, P.IA., and IU.I. Korablev. [Petrokrepost (Oreshek-Shlisselburg-Petrokrepost); an account of its history and revolutionary associations] Petrokrepost' (Oreshek-Shlissel'burg-Petrokrepost'); istoriko-revoliutsionnyi ocherk. [Leningrad] Lenizdat, 1961. 316 p. (Goroda Leningradskoi oblasti)

PETROLEUM—ANALYSIS

Apparatus for rapid chromatographic adsorption fractionation, two-stage chromatographic column. V.A. Zakupra. Nauch. zap. Ukrniiproekta no.4:141-149 '61.

Determination of chlorides in petroleum. A.F.Liashenko, V.P.Musychenko, E.A.Viazkova. Khim.i tekh.topl.i masel 7 no.2 65-67 F '62.

Dobrianskii,A.F. [Petroleum chemistry] Khimiia nefti. Leningrad, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 223 p.

PETROLEUM—PIPELINES
(see also subdivision under Komi A.S.S.R.)

Automatic and remote control of pipeline transportation of oil. L.B.Kubianovskii, D.O.Olegov. Trudy VNII no.35:129-141 '61.

Distribution of heat insulation along a pipeline. P.I. Tugunov, V.S. Iablonskii. Izv.vys.ucheb.zav.;neft' i gaz 4 no.6:105-109 '61.

PETROLEUM—REFINING
(see also subdivision under Tashkent Province; Ukraine, Western; United States)

All-Union Conference of Workers of the Petroleum Refining Industry. I.L.Chernik. Khim.i tekh.topl. i masel 7 no.1:71-72 Ja '62.

Choice of a phenol-reclamation flowsheet in selective refining of oils. A.IA. Koldovkin. Nauch.zap. Ukrniiproekta no.4:132-140 '61.

Combined processing of crude oil and casing-head gases. A.N. Vereshchagin, A.M. Lobkov, A.L. Shtangeev Gaz. prom. 7 no.1:20-23 '62.

Effect of the number of contact treating stages on the extraction process indices. M.F. Bondarenko, A.A. Gailis, A.A.Kondrat'ev. Khim.i tekh.topl.i masel 7 no 2:12-16 F '62.

Industrial experimental testing of catalytic petroleum deterring process. D.V. Mushenko and others Khim. i tekh.topl.i masel 6 no 12 1-7 D '61.

Petroleum refining industry in 1962. Khim.i tekh.topl. i masel 7 no.1:1-4 Ja '62.

Some data on the economic effectiveness of the "chemization" of petroleum refining. V.M Andrianov. Khim.i tekh.topl.i masel 7 no.2 37-40 F '62.

Technical progress in the field of prefining oils and accompanying gases in the period from the 20th to the 22d Congress of the CPSU. M.G. Osipov. Neft. khoz. 39 no.10:31-34 O '61.

PETROLEUM—REFINING—DESALTING

Biochemical purification of waste waters from the Electrical Desalting Unit using the OP nonionic surface-active agents. IA.A.Karelin. Khim.i tekh.topl.i masel 7 no.1:9-14 Ja '62.

Effectiveness of alkyloxyarylpolyglycol ether-type demulsifying compounds. A.G. Gobzhila, F.S. Popesku. Khim. i tekh. topl. i masel 6 no.12:21-27 D '61.

Prospects for the use of new demulsifying agents. S.A. Feigin, L.I. Buchina, D.N. Levchenko. Khim. i tekh. topl. i masel 6 no.12:27-33 D '61.

Replacing sodium hydroxide in the production of the NChK demulsifying agent alkaline residues and sodium chloride. Kh.K.Dadashev, M.F Skvortsova, S.P. Petrosian. Khim.i tekh.topl.i masel 7 no.1:31-34 Ja '62.

PETROLEUM—STORAGE

Precast reinforced concrete tanks for petroleum and petroleum products. I. Kolokol'tseva, Stroitel' no.11: 3-4,12-13 N '61.

PETROLEUM—TRANSPORTATION

Submarine tracts. N. Morozovskii. Znan. sila 36 no.12: 5 D '61.

PETROLEUM AS FUEL

[illegible]

PETROLEUM CHEMICALS

Composition of the products from a carbon monoxide-hydrogen synthesis over talc catalysts. S.M. Loktev, G.V.Sabirova, F.I. Novak. Nauch.zap. Ukrniiproekta no.4:167-172 '61.

PETROLEUM COKE

Basic laws governing the oxidation of coke on the surface of an aluminosilicate spherical catalyst. S.V.Adel'son, A.IA.Zaitcva Khim.i tekh.topl i masel 7 no.1 25-31 Ja '62.

Selecting the crude oil for the production of petroleum electrode coke. R.G.Ismailov, Z.A.Sultanov, A.D. Aliev. Khim i tekh.topl.i masel 7 no.2 25-29 F '62.

PETROLEUM GEOLOGY
(see also subdivision under Apsheron Peninsula; Azerbaijan; Baku Archipelago; Bol'shoy Kinel' Valley, Caucasus, Northern; Dnieper-Donets Lowland; Kirghizistan; Kuban Lowland; Kyurovdag region; Soviet Central Asia; Uzbekistan; Volga-Ural region)

Brief account of the results of oil and gas prospecting in the U.S.S.R. in 1961 and problems for 1962. P.I. Levitskii. Geol. nefti i gaza 6 no.1:1-7 Ja '62.

Calculating the permeability of the top and bottom of a layer in fluid flow. M.A Gusein-Zade Trudy MINKHiGP no.33:143-197 '61.

Chemical characteristics of Paleozoic brines of the Chervonnaya Sloboda prospect (well No.1). K.I. Lukashev, A.P. Markova, A.L. Zhukhovitskaia. Dokl. AN BSSR 5 no.12:561-563 D '61.

Chlorine content of Devonian terrigenous and terrigenous-carbonate deposits of the Pripet downwarping. V.A. Laput'. Dokl. AN BSSR 5 no.11:506-510 N '61.

Data on chemical study of brines in Devonian deposits of the Pervomayskaya prospect (well R-2). K.I. Lukashev, A.P. Markova. Dokl. AN BSSR 5 no.11:503-505 N '61.

Deformation of crumpling of rocks as an energy source in oil and gas formation. V.P Krymov. Izv.vys. ucheb.zav.;neft' i gaz 4 no.6:9-14 '61.

I.M. Gubkin, founder of Soviet petroleum geology; on the 90th anniversary of his birth. K.R.Chepikov. Neft. khoz. 39 no.10:70-72 O '61.

M.V. Lomonosov and his theory of the organic origin of petroleum; 250th anniversary of his birth. K.V Kostrin. Izv.vys.ucheb.zav.;neft' i gaz 4 no.6:139-141 '61.

Study of regularities in the distribution of oil and gas fields. N.A. Kudrinvtsev Geol. nefti i gaza 6 no.1: 23-26 Ja '62.

Thermodynamic basis of regularity in the distribution of oil and gas fields. M.A. Lipovskii. Geol. nefti i gaza 6 no.1:18-23 Ja '62

Using bottom pressure build-up curves to determine the parameters of a layer having different boundary configurations. A.P. Telkov. Trudy MINKHiGP no 33: 131-142 '61.

Using pressure build-up curves to determine the parameters of a layer and some features of the water drive system. R.G.Shagiev, V.I. Portnov. Trudy MINKHiGP no. 33:107-121 '61.

PETROLEUM INDUSTRY
(see also subdivision under Asia; Azerbaijan; Europe, Western; Near East)

Kalamkarov, V.A. [Development of the oil and gas industries] Razvitie neftianoi i gazovoi promyshlennosti. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 54 p.

Oil workers' obligations on the eve of the 22d Congress of the CPSU. Neft. khoz. 39 no.9:3-6 S '61.

Petroleum and gas industries from the 20th to the 22d Congress of the CPSU. V.A. Kalamkarov. Neft. khoz. 39 no.10:1-8 O '61.

Recent developments in the petroleum industry abroad Neft. khoz. 39 no.9:64-67 S '61.

Technical progress in the transportation and storage of petroleum and petroleum products. I.M. Torochkov. Neft. khoz. 39 no.10:35-41 O '61.

Ways to further improve norms for the number of workers in the petroleum industry. N. Boev. Biul. nauch. inform. trud i zar. plata 4 no.12:22-25 '61.

PETROLEUM INDUSTRY—EQUIPMENT AND SUPPLIES

New metal linings for super high pressure flanged joints. R.A. Ramazanov. Azerb.neft.khoz. 40 no.11:40-42 N '61.

PETROLEUM INDUSTRY—TERMINOLOGY

Correct terminology in petroleum literature. G.N. Bershets, N.V. Kalashnikov. Neft. khoz. 39 no.9:68-71 S '61.

PETROLEUM MINING

Analysis of the results of an experiment in hydraulic fracturing and tapping the zone of fracturing in a mine. P.M. Usachev. Trudy VNII no.35:50-60 '61.

PETROLEUM PRODUCTS

[illegible]

Chemical composition and properties of road petroleum asphalts. A.S.Kolbanovskaia, O.K.Golovkina. Khim. i tekh.topl i masel 7 no.2:31-36 F '62

Consumption of petroleum products in capitalist countries in 1960 Khim. i tekh. topl. i masel 6 no.12 63-65 D '61.

Distribution of raw material sulfur in carbon black formation products. M.I. Chaikun. Kauch. i rez 20 no 12:26-30 D '61.

Pyrolysis of the benzene-ligroine fraction. A.F Gurevichev. Khim.i tekh.topl.i masel 7 no.2:16-17 F '62.

Selective hydrogenation of acetylenic compounds in the butylene-bivinyl fraction of gases from the pyrolysis of petroleum products N.L Sanina, P.S Kogan, S.N. Kazarnovskii Khim.prom no 11 802-804 N '61.

PETROLEUM PRODUCTS—STANDARDS

[Petroleum products; testing methods] Nefteprodukty; metody ispytanii. Izd. ofitsial'noe. Moskva, Gos. izd-vo standartov, 1961. 979 p. (Gosudarstvennye standarty SSSR)

PETROLEUM PRODUCTS—STORAGE

Preventing a buildup of electrical charges in petroleum products while pumping into tanks V.N. Egorov Neft khoz 39 no 9 50-55 S '61.

PETROLEUM REFINERIES see subdivision under Canada; Perm

PETROLEUM REFINERIES—EQUIPMENT AND SUPPLIES

Device for balancing temperature fluctuations of a measurable medium attached to the apparatus with differential transformer networks Z.I Geller, IU.L Rastorguev, P.E. Sudakov. Khim.i tekh topl i masel 6 no.12: 33-37 D '61.

Kharas, Z.B. [Rigging operations in installing equipment at petroleum refineries] Takelazhnye raboty pri montazhe oborudovaniia neftepererabatyvaiushchikh zavodov. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 258 p.

Use of the "Ural-1" electronic calculating machine for the design of tubestill heaters. A.V. Chalikov. Khim.i tekh.topl.i masel 7 no.1:50-52 Ja '62.

PETROLOGY
(see also subdivision under Pechora Valley; Polevskoy region, Sayan Mountains; Tuar-Kyr region; Ural Mountains)

Experimental studies of materials designated for imitating plastic rocks. R.M. Eigeles. Trudy VNIIBT no.3:30-35 '61.

Physicochemical theory of petrologic processes. D.S. Korzhinskii. Izv. AN SSSR, Ser. geol. 27 no.1:10-25 Ja '62.

PETROPAVLOVSK DISTRICT—EDUCATION, PRE-SCHOOL

For preschool education. P. Kutsenko. Doshk. vosp. 35 no 1:78-79 Ja '62.

PETROPAVLOVSK-KAMCHATSKIY—EARTHQUAKE, 1959

Earthquake in Petropavlovsk-Kamchatskiy on May 4, 1959 V.A. Bykhovskii, I.L. Korchinskii, V.S Pavlyk. Trudy TSNIISK no.6 5-30 '61.

PETROV, EVGENII, 1903-1942

"Life has taught us" by A. Erlikh. Reviewed by A. Georgiev. Oktiabr' 38 no.7.220 J1 '61.

PETRUCCI, DANIELO ANGELO, 1923-

Professor D. Petrucci as a guest of the Academy. A.A. Neifakh. Vest. AN SSSR 32 no.1:132-133 Ja '62.

PETRUS ALEXANDRINUS

Chronicle of Peter of Alexandria. Z.G. Samodurova. Viz. vrem. 18:150-197 '61.

PETRUS SICULUS

Petrus Siculus and his "History of the Paulicians." R.M. Bartikian. Viz. vrem. 18:323-358 '61.

PHAGOCYTOSIS

Influence of cortisone on the therapeutic effect of levomycetin at various stages of experimental infection in connection with hormonal influence on phagocytosis [with summary in English]. V.A. Liashenko Antibiotiki 6 no.6:504-507 Je '61.

Phagocytic activity of the leucocytes in some diseases of the blood system. G.V. Osechenskaia, G.S. Seltsovskaia. Probl. gemat. i perel. krovi no.11:20-24 '61.

PHARMACEUTICAL RESEARCH see subdivision under China

[illegible]

PHARMACOLOGY (Continued)

[Manual on pharmacology] Rukovodstvo po farmakologii. [Leningrad] Medgiz
Vol. 2. 1961. 503 p.
(DNLM)

"Mutual exchange of knowledge in the field of medicine and pharmacology between China and Arabian countries" by Sung Ta-jen. Abstract from "Lishih yenchiu" no. 1 '59 by A. I. Zakharova. Sovr. kit. lit. po obshchestv. naukam no. 44:107-111 '61

Use of electrogastrography in pharmacology. T. I. Kazachkova, M. N. Krylova. Farm. i toks. 24 no. 3: 372-376 My-Je '61.

PHARMACOLOGY—CONGRESSES

Pharmacology section of the Ural Conference of Physiologists, Biochemists and Pharmacologists. A. M Pukhtiskaia. Farm. i toks. 24 no 3,382-383 My-Je '61.

PHARYNX

Pharyngeal paralysis as a clinical form of a disorder of respiration in acute poliomyelitis [with summary in English]. V. P. Doroshchuk. Vest. otorin no. 6:17-21 '61.

PHARYNX—DISEASES

Case of neurinoma of the retropharyngeal spaces. N. I. Palekha. Zhur. ush., nos. i gorl. bol. 21 no. 4:73-74 Jl-Ag '61.

Differential diagnosis of diphtheria of the pharynx and banal anginas with concomitant diphtherial bacilli carrier state. Z. I. Krasovitskii. Pediatriia no. 1: 53-57 '62.

PHARYNX—FOREIGN BODIES

Metal foreign bodies in the esophagus and pharynx. M. K. Shcherbatenko. Zhur. ush., nos. i gorl. bol. 21 no. 4: 71 Jl-Ag '61.

Rare foreign body in the laryngopharynx. V. A. Makhonina. Zhur. ush., nos. i gorl. bol. 21 no. 5 73 S-O '61.

PHARYNX—TUMORS

Plasmocytoma of the pharynx. E. N. Katsnel'son. Vest. otorin. no. 6:96-97 '61.

Value of direct hypopharyngoscopy in pharyngeal tumors ["Ceskoslov. otolar.," No. 6, 1960]. Zhur. ush., nos i gorl. bol. 21 no. 4:83-84 Jl-Ag '61.

PHARYNX—WOUNDS AND INJURIES

Unusual mechanism of pharyngeal trauma. L. A. Rostov. Zhur. ush., nos i gorl bol. 21 no. 5:73-74 S-O '61.

PHASE RULE AND EQUILIBRIUM

Dependence of the mechanical properties of eutectoid steel on the structural state of pearlite. K. I. Tushinskaia, L. I. Tushinskii. Izv. vys. ucheb. zav., chern. met. 4 no. 12:130-134 '61.

Distribution of the α-phase in the fatigue fracture of 1Kh18N9T stainless steel. Izv. vys. ucheb. zav.; chern. met. 4 no. 12:114-116 '61.

Effect of carbide transformations on changes in the structure and properties of cold-worked and hardened carbon steel during tempering. B. A. Apaev, Iu A. Sysuev, L. M. Balakina. Izv. vys. ucheb. zav., chern met. 4 no. 12:117-125 '61.

Equilibrium compositions of vapor and liquid phases of phosgene binary solutions in chlorobenzene and in 1,2,4-trichlorobenzene. N. A. Gol'dberg, V. A. Gorbushenkov. Zhur. prikl. khim. 34 no. 11:2577-2578 N '61.

Investigating the kinetics of the carbide phase solution during the electric heating of Fe-Cr-C alloys. A. V. Beloiskii, V. N. Gridnev. Izv. vys. ucheb. zav., chern. met. 4 no. 12:107-113 '61.

Isothermo-isobar equation of vapor and the evaluation of the reliability of data on liquid-vapor equilibrium in three-component systems. M. P. Susarev, A. N. Gorbunov. Zhur. prikl. khim. 35 no. 1:111-116 Ja '62.

Liquid - vapor equilibrium in binary and ternary systems formed by hydrocarbons C_6 and dimethylformamide. S. K. Ogorodnikov, V. B. Kogan, M. S. Nemtsov. Zhur. prikl. khim. 34 no. 11:2441-2446 N '61.

Liquid-vapor equilibrium in the ethylene - benzene system. S. G. Liubetskii. Zhur. prikl. khim. 35 no. 1: 141-147 Ja '62.

Liquid-vapor equilibrium in the system acrolein - acetone at the pressure of 200 mm. of Hg. R. P. Kirsanova, S. Sh. Byk. Zhur. prikl. khim. 35 no. 1:198-199 Ja '62.

Phase analysis of alloys on the titanium basis. N. I. Blok and others. Zav. lab. 27 no. 12:1470-1472 '61.

Solid - liquid and liquid - vapor equilibrium in the system dioxane - acetic acid. K. N. Kovalenko, N. I. Balandina. Uch. zap. RGU 41 39-43 '58.

PHENOL CONDENSATION PRODUCTS

Modernization of a high-frequency generator for heating molding compositions and for a further intensification of processes of the compression molding of phenoplasts. I. Sh. Plk, V. S Romeiko Plast. massy no. 9:61-63 '61.

PHENOL CONDENSATION PRODUCTS—TOXICOLOGY

Case of BF glue poisoning. V. V. Riabokon'. Sov. med. 25 no. 9:130-133 S '61.

PHENOLS
(see also subdivision under United States)

Alkylation of phenol with diisobutyl in the presence of cation-exchanging tar as a catalyst. V. I. Isagulants, G. A. Ivanov. Nauch. zap. Ukrnilpr ockta no. 4 113-120 '61.

Chemistry of vinylacetylene Report No 27 Hydration of vinylacetylenic phenols and their ethers S A Vartanian, Sh. O Badanian Izv. AN Arm SSR Khim. nauki 14 no 5 477-485 '61.

Choice of a phenol-reclamation flowsheet in selective refining of oils. A. IA. Koldovkin. Nauch. zap. Ukrnilprockta no. 4 132-140 '61.

Effect of phenol and amine compounds on deposit formation in fuels containing cracked components. V. N Zrelov, V. M. Melekhin. Zhur. prikl khim. 34 no. 11 2537-2544 N '61.

Increasing the recovery coefficients of naphthalene and phenols from coal tar. E. K. Smetanina. Koks i khim. no. 9:52-54 '61.

Investigating complex compounds of phenols with germanium by means of paper electrophoresis and X-ray diffraction studies. T. V. Drozdova, R. P Kravtsova, K. I. Tobelko. Izv. AN SSSR Otd khim nauk no 1 38-44 Ja '62

Synthesis and properties of vinyl ethers of some higher phenols. A. V. Kalnbina and others. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 4:626-631 '61.

Work practice of the dephenolizing unit in a recovery shop. I. IA. Solov'ev Koks i khim. no. 9:48-50 '61.

PHENOLS—PHYSIOLOGICAL EFFECT

Effect of dinitrophenol and potassium cyanide on the minute volume of the coronary blood flow and cardiac oxygen absorption [with summary in English]. I. E. Kisin. Farm. i toks. 24 no. 3:297-300 My-Je '61.

PHENOTHIAZINE

Mechanism of favorable action of substances from the phenothiazine series -- diprazine and ethysine -- on erythrocytes preservation in blood conservation V. A. Leontovich, A. G. Sukhova. Probl gemat i perel krovi no. 11:47-52 '61.

Use of phenothiazine derivatives in the preoperative management of patients with Basedow's disease. N. E. Komarover. Vest. khir. no. 6:8-12 '61.

PHENOTHIAZINE—PHYSIOLOGICAL EFFECT

Effect of metherazine on conditioned reflex activity [with summary in English]. U. B. Zakirov Farm i toks 24 no. 3:271-275 My-Je '61.

PHILOSOPHICAL ANTHROPOLOGY

Mechnikov, I. I. [Studies on the nature of man] Etiudy o prirode cheloveka. Moskva, Izd-vo Akad. nauk SSSR, 1961. 288 p.

PHILOSOPHY
(see also subdivision under Uzbekistan)

"Collection of papers by teachers of philosophy at the institutions of higher learning in Kharkov." Reviewed by D. A. Kurazhkovskaia. Nauch. dokl. vys. shkoly: filos. nauki 4 no. 3:174-177 '61.

"History of philosophy in six volumes" Vol. 5. Reviewed by L. V. Skvortsov. Vest. AN SSSR 32 no. 1: 144-147 Ja '62.

"Outline history of philosophy." Reviewed by A. N. Maslin. Vop. filos. 16 no. 1:159-164 '62.

"Outline history of philosophy." Reviewed by E. IA. Basin, V. N. Kuznetsov. Vest. Mosk. un. Ser. 8: Ekon., filos. 17 no. 1:83-88 Ja-F '62.

"Philosophy and our times" by M. B. Mitin. Reviewed by L. N. Suvorov. Nauch. dokl. vys. shkoly: filos. nauki 4 no. 3:169-171 '61.

Philosophy and science [with summary in English, p. 183] Alfred J. Ayer. Vop. filos. 16 no 1 99-105 '62.

Problems of philosophy and sociology at the 25th International Congress of Orientalists. O. M. Efendiev. Nauch. dokl. vys. shkoly: filos. nauki 4 no. 3:186-188 '61.

Reactionary utopia. T. I. Oizerman. Nauch. dokl. vys. shkoly: filos. nauki 4 no. 3:72-77 '61.

Some methodological principles of the history of philosophy as a branch of science in V. I. Lenin's works. B. V. Bogdanov. Vest. Mosk. un. Ser. 8: Ekon., filos. 17 no. 1: 48-59 Ja-F '62.

We disagree! In our opinion philosophy is a branch of science [with summary in Russian, pp. 183-184]. I. V Kuznetsov. Vop. filos. 16 no. 1:106-122 '62.

PHILOSOPHY—BIBLIOGRAPHY see Bibliography—Philosophy

PHILOSOPHY—PERIODICALS

Classified plan of "Voprosy filosofii." Vop. filos. 16 no. 1:175-181 '62.

PHILOSOPHY—STUDY AND TEACHING

First attempts to teach philosophy in secondary schools. IA. IA. Povarkov. Vop. filos 16 no. 1:148-152 '62.

PHILOSOPHY, GERMAN—PERIODICALS

"Deutsche Zeitschrift fuer Philosophie," a German periodical. Vop. filos. 16 no. 1:172-173 '62.

PHILOSOPHY, INDIC

Criticism of nihilistic views on Indian philosophy. V. S Kostiuchenko Krat soob Inst nar Azii no 57.46-59 '61

PHILOSOPHY, RUMANIAN

Academia Republicii Populare Romine. Institutul de Filozofie [Progressive Rumanian thinkers of the 18th and 19th centuries Translated from the Rumanian] Peredovye rumynskie mysliteli XVIII-XIX vv. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961 703 p

PHILOSOPHY, RUMANIAN—PERIODICALS

"Cercetări filozofice," a Rumanian periodical. O Kecan, V Popescu. Vop. filos 16 no. 1 173-174 '62

PHLEBITIS

Late results in the treatment of thrombophlebitis of the extremities [with summary in English]. A. I Vasilevskii. Sov. med. 25 no 10:58-63 O '61.

Treatment of hemorrhoids in the stage of acute thrombophlebitis [with summary in English] K. V. Luzhnov. Vest. khir. no. 1, 81-84 '62.

PHLEGMON

Utilization of the greater omentum in treatment of phlegmon of the anterior wall of the stomach. M. A. Kozlov Vest. khir. no. 5:142-143 '61.

PHLOGOPITE see subdivision under Kuramakh Valley

PHLOGOPITE CRYSTALS—ELECTRIC PROPERTIES

Dielectric losses in phlogopite crystals. N V Afanas'ev, M. S. Motsik Izv. vys ucheb zav., fiz no. 6:132-140 '61.

PHONOGRAPH

Transistorized portable radio-phonograph combination. V Morozov. Radio no. 2 44-46 F '62.

PHONORECORDS

These records are being sold. Sov. muz. 26 no. 1:142 Ja '62.

PHOSGENE

Equilibrium compositions of vapor and liquid phases of phosgene binary solutions in chlorobenzene and in 1,2,4-trichlorobenzene. N. A. Gol'dberg, V. A Gorbushenkov. Zhur. prikl. khim. 34 no. 11:2577-2578 N '61.

PHOSPHATES see subdivision under Uzbekistan

PHOSPHATIDES

Metabolism of phosphorus nucleic acids, phosphoproteins and phospholipids in the cells of Ehrlich ascites tumor. M. F. Sitnitskaia, I. F. Seits. Vop. onk. 7 no. 12:3-8 '61.

PHOSPHINIC ACID

Esters of β-ketophosphinic acids. Report No. 10: Diethyl ester of 2-cyclopentanone-1-phosphinic acid. B. A. Arbuzov, V. S. Vinogradov, N A. Polezhaeva. Izv. AN SSSR. Otd. khim. nauk no. 1:71-76 Ja '62.

Investigating the stability and reactivity of chlorophosphinic acid derivatives used as antiseizing additives to lubricants. I. E. Vinogradova, E. A. Alekseeva. Zhur. prikl. khim. 35 no. 1 176-182 Ja '62.

Synthesis of heterocyclic compounds with phosphorous in their rings. Report No. 2: Interaction between diene hydrocarbons and dichloroanhydrides of aryl- and alkylphosphinic and phosphorous acids. B. A. Arbuzov, L. A. Shapshinskaia Izv. AN SSSR. Otd. khim. nauk no 1. 65-71 Ja '62.

PHOSPHONITRILE CHLORIDE

Production of phosphonitrile chloride. S. M. Zhivukhin, V. B. Tolstoguzov. Khim. prom. no. 1:10-23 Ja '62.

PHOSPHOPROTEINS

Metabolism of phosphorus nucleic acids, phosphoproteins and phospholipids in the cells of Ehrlich ascites tumor. M. F. Sitnitskaia, I. F. Seits. Vop. onk. 7 no. 12, 3-8 '61.

PHOSPHORESCENCE

Comprehensive investigation of luminescence in the sea during scientific expeditions. N. I. Tarasov, I. I. Gitel'zon. Biul. Okean kom. no. 6:75-80 '61.

Prolonged afterglow of proteins and amino acids at room temperature. Report No. 1. Kinetics of the afterglow of proteins and amino acids. S. V. Konev, M. A. Katibnikov. Biofizika 6 no. 6:638-644 '61.

PHOSPHORIC ACID

Interaction between the organosilicon compounds containing vinyl groups directly linked to silicon atoms and boric and phosphoric acids and phosphoric anhydride. A. P. Kreshkov, D. A. Karateev, V. Fiurst. Zhur. prikl. khim. 34 no. 12:2711-2716 D '61.

Reaction of calcium nitrate with phosphoric acid. I. S. Rassonskaia, V. A. Kleyke, IA. S. Shenkin. Khim. prom. no. 11:809-812 N '61.

Solubility of phosphoric acid in iso-amyl and n-butyl alcohols. I. N. Shokin, I. IA. Sabaev, S. A. Krashenin-nikov. Zhur prikl. khim. 35 no. 1, 190-192 Ja '62.

PHOSPHORITES

Tectonic features associated with phosphorite deposits L. A Rusinov. Trudy MGRI 37 3-19 '61.

PHOSPHOROUS ACID

Synthesis of heterocyclic compounds with phosphorous in their rings. Report No 2. Interaction between diene hydrocarbons and dichloroanhydrides of aryl- and alkylphosphinic and phosphorous acids B A Arbuzov, L. A Shapshinskaia Izv. AN SSSR. Otd. Khim. nauk no. 1:65-71 Ja '62

PHOSPHORUS—ISOTOPES

Accumulation of radioactive phosphorus by some fresh-water molluscs E. I. Popova Trudy Komi fil AN SSSR no. 9:53-60 '60

Clinical aspects and treatment of myeloma. A L Kozyreva. Med. rad no 1:22-27 '62

Diagnosis of malignant melanomas and their metastases with the aid of radioactive phosphorus [with summary in English] T. D. Shchelokova Med rad. no 9 10-13 '61.

Dykhova, Z. I., and V. M. Fedorov. [Radioactive phosphorus P^{32}] Radioaktivnyi fosfor - P^{32}. Moskva, Gos. izd-vo lit-ry v oblasti atomnoi nauki i tekhniki, 1961. 22 p

Dynamics of the distribution of radioactive phosphorus in the body in the early stages of development of radiation sickness. E. V. Ostashkov. Med. rad. no. 7:80-90 '61.

Effect of P^{32} application on the content of glucose and water in the blood and skin of rabbits. S. I Matushkov. Med. rad. no. 7:88-89 '61.

PHOSPHORUS METABOLISM

Changes in the respiration intensity and the amount of phosphorus compounds in ripening plant seeds A. N. Krenke. Trudy Glav. bot. sada 3:97-112 '61

Dynamics of phosphorus metabolism and synthesis of vitamin B_{12}. S. I. Kanopkaite-Rozgene. Vit. res. i ikh isp. no. 5:50-60 '61.

PHOSPHORUS ORGANIC COMPOUNDS—TOXICOLOGY

Oximes as therapeutic agents in poisonings with organic phosphorus compounds (according to foreign data). G. A. Stepanenskii. Farm. i toks. 24 no. 3:357-371 My-Je '61.

PHOTOELECTRIC MEASUREMENTS

Electric generator for luminous flux modulators. P. V. Nikolaev, IU. A. Sabinin. Priborostroenie no. 1: 27-29 Ja '62

Using the zero method with electric compensation in photoelectric measurements. M. T. Borok. Priborostroenie no. 1:13-14 Ja '62.

PHOTOENGRAVING

Photochemical engraving. N. F. Smozhenkov. Geod. i kart. no. 1:47-52 Ja '02.

PHOTOGRAMMETRY

Valuev, A. S. [Practical work in stereophotogrammetry] Praktikum po stereofotogrammetrii Moskva, Izd-vo geodez. lit-ry, 1961. 319 p.

PHOTOGRAMMETRY—CONGRESSES

Resolutions of the Ninth Congress of the International Photogrammetric Society in London, 1960. Geod. i kart. no. 1:52-58 Ja '62.

PHOTOGRAPHIC CHEMICALS

Manganese and chromium reducers. K. Kolesov. Sov. foto 22 no. 1:33 Ja '62.

Two-solution copper toner. G. Arsinevich. Sov. foto 22 no. 1:33 Ja '62.

USIONS

aphic emulsions with sodium sul-
I. A. Krakau. Zhur. nauch. i prikl.
4-407 N-D '61.

ion of B. V. Deriagin and S. M. Levi's
istry of the deposition of thin layers
a " S M Levi, G M TSvetkov,
ot i kin 6 no. 6:476 N-D '61.

ments on the photodichroism in
er salt content. IU. A. Janusevi-
prikl fot. i kin. 6 no 6.408-412

ning the energy of activation of the
f latent image centers of various
anskii. Zhur. nauch. i prikl. fot. i
N-D '61.

hotographic sensitivity and photo-
Maikliar. Zhur. nauch. i prikl. fot.
3 N-D '61.

ity of a silver halide photographic
Zhur. nauch. i prikl. fot. i kin. 6
61.

SIONS—TESTING

ntent of photographic gelatins.
E. Koval'skaia, V. I. Sheberstov.
ot. i kin. 6 no. 6 450-452 N-D

Selecting apertures and type of lenses of apparatus for measuring the resolving power of photographic materials. V A Korndorf, N A Chernyi Zhur. nauch. i prikl. fot. i kin. 6 no 6:454-456 N-D '61

PHOTOGRAPHIC INTERPRETATION

Moisture of the upper soil layer as an indicator of mapping possibilities for drainage systems L N Sidontsev Nauch trudy KOMS no. 1 84-92 '59

PHOTOGRAPHIC OPTICS

Optical properties of interference antireflection coatings T N Krylova. Zhur. nauch. i prikl fot. i kin 6 no. 6 462-475 N-D '61.

PHOTOGRAPHIC SENSITOMETRY

Increasing the sensitivity of photographic materials by means of additional lighting K. V. Vendrovskii Zhur. nauch. i prikl. fot i kin 6 no 6 421-426 N-D '61.

Relationship between photographic sensitivity and photographic effect. P V. Maikliar. Zhur. nauch. i prikl fot i kin 6 no 6:452-453 N-D '61

Selecting apertures and type of lenses of apparatus for measuring the resolving power of photographic materials. V. A. Korndorf, N. A Chernyi Zhur nauch. i prikl fot i kin. 6 no 6 454-456 N-D '61.

Upper limit for sensitivity of a silver halide photographic layer. A. A. Titov. Zhur. nauch. i prikl. fot. i kin. 6 no 6 429-439 N-D '61.

PHOTOGRAPHY

Let's talk about your snapshots. A. Komovskii. Sov. foto 22 no. 1:42-44 Ja '62.

News from everywhere. Sov. foto 22 no. 1:45-46 Ja '62.

Photography and visual observation by means of high-frequency currents. S D Kirlian, V. Kh. Kirlian. Zhur. nauch i prikl. fot i kin. 6 no 6 397-403 N-D '61.

PHOTOGRAPHY—BIBLIOGRAPHY see Bibliography—Photography

PHOTOGRAPHY—DEVELOPING AND DEVELOPERS

Effect of some organic compounds on the selectivity of photographic development. V. I Sheberstov, B. A Shashlov Zhur. nauch. i prikl. fot. i kin. 6 no. 6 413-417 N-D '61.

Phenadone-hydroquinone developers. V. L. Abritalin. Tekh. kino i telev. 6 no. 1:78-82 Ja '62.

PHOTOGRAPHY—ENLARGING

New method of extra large photographic enlargements for motion-picture stage settings. K. A. Fridovskaia, K. K. Pronskii. Tekh. kino i telev. 6 no. 1:69-72 Ja '62.

PHOTOGRAPHY—EQUIPMENT AND SUPPLIES

Automatic temperature regulation. A. Erkin. Sov. foto 22 no. 1:26-27 Ja '62.

In the interest of the amateur photographer. I. Kravtsova. Sov. foto 22 no. 1:25-26 Ja '62.

Time relay. E. Zel'din. Sov. foto 22 no. 1:28 Ja '62.

PHOTOGRAPHY—EXHIBITIONS

Man not on stage. L. Bulgak. Teatr 22 no. 8:136-139 Ag '61.

PHOTOGRAPHY—FILMS

Reducing film shrinkage occurring in its photographic processing. G. I. Belinskaia, M S Motova Zhur. nauch. i prikl. fot. i kin. 6 no 6 446 N-D '61.

PHOTOGRAPHY—LIGHT FILTERS

Yellow-green light filter. G. Shaer. Sov. foto 22 no. 1: 32 Ja '62.

PHOTOGRAPHY—SOCIETIES, ETC.

At our "Thursdays" discussions. A. Uzilian. Sov. foto 22 no. 1:20-24 Ja '62.

PHOTOGRAPHY, AERIAL

Gospodinov, G. V. [Interpretation of aerial photographs] Deshifrirovanie aerosnimkov. [Moskva] Izd-vo Mosk. univ., 1961. 184 p.

Use of aerial methods in mapping and studying drainage systems. I. M. Krivonosov. Nauch. trudy KOMS no. 1: 64-83 '59.

Use of aerial photographic surveys in studying the transformation of reservoir shores. F. S. Zubenko. Trudy Okean. kom. 12:120-124 '61.

PHOTOGRAPHY, AERIAL—EQUIPMENT AND SUPPLIES

Comparing the resolving power and the sharpness of two films for aerial photography. K. S. Lialikov, Z. L. Petrushkina, V. F. Nemokonova. Zhur nauch. i prikl. fot. i kin. 6 no. 6.416-420 N-D '61.

PHOTOGRAPHY, ARTISTIC

Get to work, comrades! Sov. foto 22 no. 1:1-5 Ja '62.

Mastery exam. V. Tarasevich. Sov. foto 22 no. 1:36-38 Ja '62.

Work and thought. B. Agapov. Ogonek 40 no. 2:16-18 Ja '62.

PHOTOGRAPHY, COMMERCIAL—EQUIPMENT AND SUPPLIES

Don't forget the needs of commercial photographers. A. Smirnov. Mest. prom i khud. promys. 2 no. 7:35 Jl '61.

PHOTOGRAPHY, FLASHLIGHT

Increasing the flashlight brightness. D. Starodub. Sov. foto 22 no. 1:32 Ja '62

PHOTOGRAPHY, HIGH SPEED—CONGRESSES

International congresses on high speed photography and cinematography. A A Sakharov Zhur nauch i prikl. fot. i kin. 6 no 6 457-462 N-D '61.

PHOTOGRAPHY, JOURNALISTIC

Exciting encounters. A. Pakhomov. Sov. foto 22 no. 1:6 Ja '62.

Get to work, comrades! Sov. foto 22 no. 1:1-5 Ja '62.

It is a joy to tell this story. IA. Khalip. Sov. foto 22 no. 1 7 Ja '62.

Pictorial wall newspaper. A. Al'tshul'. Sov. foto 22 no. 1 40-41 Ja '62.

The unforgettable. E. Kliger. Sov. foto 22 no. 1:6 Ja '62.

PHOTOGRAPHY, PARTICLE TRACK

Experience in the development photographic emulsion layers on the second spaceship. IA M. Veprik. Isk. sput. Zem. no 11 35-41 '61

Experiment in determining the energy of activation of the thermal resorption of latent image centers of various sizes. A L Kartushanskii. Zhur. nauch i prikl. fot. i kin. 6 no 6:449-450 N-D '61.

PHOTOGRAPHY, TIME-LAPSE

Time lapse photography with the AK-6 camera. S. Urusov. Sov. foto 22 no. 1:28-29 Ja '62.

PHOTOMECHANICAL PROCESSES

Sinegub-Lavrenko, A. A., V. I. Anisimov, and L. A. Tarasova. [Photomechanical methods for the production of screens for textile printing] Fotomekhanicheskie sposoby izgotovleniia form dlia pechati na tkaniakh. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1961. 142 p.

PHOTONUCLEAR REACTIONS

Energy dependence of the cross section for the photoproduction of π^--mesons on hydrogen near the threshold [with summary in English] M. I. Adamovich and others. Zhur. eksp. i teor. fiz. 41 no. 6:1811-1817 D '61.

Giant resonance in Pb^{208} photodisintegration [with summary in English] V. V. Balashov, V. G. Shevchenko, N. P. IUdin. Zhur eksp. i teor. fiz. 41 no. 6:1929-1933 D '61.

Photoproduction of π^0-mesons on deuterium at energies between 170 and 310 Mev [with summary in English]. A. S. Belousov and others. Zhur. eksp. i teor. fiz. 41 no. 6:1793-1803 D '61.

PHOTOSYNTHESIS

Depression of photosynthesis in daytime. M. N. Goncharik. Sbor. bot. rab. Bel. otd. VBO no. 2:41-49 '60.

Effect of green manure on the photosynthesis and productivity of pine plantations. I. A. IUshkevich. Sbor. bot. rab. Bel. otd. VBO no. 2 132-144 '60.

Effect of the water balance of leaves and the dynamics of stomata on the efficiency of photosynthesis in corn. Z. G. Dudko. Sbor. bot. rab. Bel. otd. VBO no. 2:165-168 '60.

Photosynthetic characteristics of ephemeral plants in southern Kyzyl Kum [with summary in English]. L. Kh. Naaber, I. L. Zaklar'iants. Bot. zhur. 46 no. 8:1116-1124 Ag '61.

Relation between the photosynthetic activity and the luminescence of chlorophyll. L. A. Tumerman, O. F. Borisova, A. B. Rubin. Biofizika 6 no. 6:645-649 '61.

PHRENIC NERVE

Physiological characteristics of the motor fibers of the phrenic and intercostal nerves in adult and newborn animals. V. D. Glebovskii. Fizol. zhur. 47 no. 10: 1267-1275 O '61.

PHTHALAN

Production and insecticide properties of octachloro-endomethylenetetrahydrophthalan. N. N. Mel'nikov and others. Zhur. prikl. khim. 34 no. 12:2716-2722 D '61.

PHTHALOCYANINE

Chlorination of copper phthalocyanine in a fluidized bed. V. F. Borodkin. Izv. vys. ucheb. zav.; khim. i khim. tekh. 4 no. 4 665-667 '61.

PHTHIVAZIDE

Determination of urinary phthivazide as a control method in the chemotherapy of tuberculosis. M. S. Dvoirin, L. IA. Zamdborg, D. N. Moiseeva. Sov. med. 25 no. 6: 135 Je '61.

Disintegration of phthivazide in the gastrointestinal tract [with summary in English] L. I. Grobennik, G. A. Smirnov, T. V. Gnevkovskaia. Biul. eksp. biol. i med. 52 no. 10:75-77 O '61.

PHTHIVAZIDE (Continued)

Phthivazide and glucuronylphthivazide synthesis in the body. L. I. Grebennik Farm. i toks 24 no. 3:354-357 My-Je '61.

PHYLOGENY (BOTANY)

Biochemical evolution of the pollen of angiosperms. N. V. TSinder. Trudy Glav bot. sada 8:149-161 '61.

Evolution of proteins in the seeds of leguminous plants. A. V. Blagoveshchenskii, E. G. Aleksandrova. Trudy Glav. bot. sada 8:8-46 '61

Phylogeny of green algae (Chlorophycophyta) [with summary in English]. K. I. Meier. Bot. zhur. 46 no. 8: 1074-1086 Ag '61.

Relationship between ontogeny and phylogeny in higher plants [with summary in English]. I. T. Vasil'chenko. Bot. zhur. 46 no. 12:1734-1739 D '61.

PHYSICAL EDUCATION AND TRAINING
(see also subdivision under Kuznetsk Basin)

The conditions are equal, but the results?... M. Chudakov. Komsom. zhizn' no. 14:17-21 Jl '61.

Let's make them strong, agile, and bold. N. Romanov. Mol. komm. no. 7:33-43 Jl '61.

Physical culture enthusiasts of a state farm N Feoktistov. Komsom. zhizn' no. 13 28-29 Jl '61.

Physical culture for the masses. G. Kukushkin. Polit. samoobr. 5 no. 7:92-95 Jl '61.

A sports hall in your own home. V. Smolevskii. Sov. shakht. 11 no. 2:45-46 F '62.

PHYSICAL EDUCATION AND TRAINING—DICTIONARIES

Ismailov, R. I., and M. E. Norkin. [Russian-Uzbek dictionary on physical education and sports] Ruscha-üzbekcha fizkul'tura va sport terminlari izohli lugati. Toshkent, Uzbekiston davlat nashriyoti, 1961. 95 p. [In Uzbek]

PHYSICAL EDUCATION FOR CHILDREN

Children, sports, and community center. A. Grudanova. Klub 10 no. 6:30 Je '61.

PHYSICAL GEOGRAPHY
(see also subdivision under Africa; Armenia; Black Earth region; Kamchatka; Kazakhstan; Perm Province; Russia, Northwestern; Surychat Valley; Sayan Mountains; Siberia; Siberia, Eastern; Siberia, Western; Soviet Far East; Sverdlovsk Province; Tien Shan; Volga Valley; White Russia; Wrangel Island)

Results of the first stage of work in dividing the central non-Chernozem area into physicogeographical regions. V. K. Zhuchkova. Vop. geog. no. 55:26-41 '61.

PHYSICAL GEOGRAPHY—MAPS

Is everything marked on maps? L. Mishchenko. Znan. ta pratsia no. 1:19 Ja '62.

PHYSICAL GEOGRAPHY—STUDY AND TEACHING

New educational motion picture on geography. I. IA. Melamedov. Geog. v shkole 25 no. 1:67 Ja-F '62.

PHYSICAL OPTICS see Optics, Physical

PHYSICAL THERAPY
(see also subdivision under White Russia)

"Balneo- and physiotherapy in diseases of the digestive tract," Reviewed by I. Berlesku. Vop. kur., fizioter. i lech. fiz. kul't. 26 no. 6:559-562 N-D '61.

History of the application of physical methods of treatment at the Burdenko Main Military Hospital; on the 250th anniversary of the hospital. IU. K. Mirotvortsev, P. K. Shaposhnikov. Vop. kur., fizioter. i lech. fiz. kul't. 26 no. 6:547-550 N-D '61.

"Practical manual for introducing physical therapy" by N. A. Kaplun and others. Reviewed by A. S. Kaganov, M. K. Smirnov, S. A. Abeltsov. Vop. kur. fizioter. i lech. fiz. kul't. 26 no. 6:555-559 N-D '61.

PHYSICAL THERAPY—STUDY AND TEACHING

Resolution of the All-Union Methodological Conference on Problems in the Teaching of Physical Therapy in the Medical Institutes and in the Institutes for Advanced Training of Physicians (Leningrad, January 27-28, 1961). I. M. Staroobinskii and others. Vop. kur., fizioter. i lech. fiz. kul't. 26 no. 4:373-376 Jl-Ag '61.

PHYSICALLY HANDICAPPED—REHABILITATION

Nikolai Vasil'ev goes to Pyatigorsk. G. Manch and others. Ogonek 40 no. 5:4-5 Ja '62.

PHYSICIANS, RUSSIAN see subdivision under Africa

PHYSICS

B. B. Golitsyn's share in the elaboration of new discoveries in physics at the threshold of 20th century. P. I. Zlukov. Trudy inst. ist. est. i tekh. 43:140-160 '61.

PHYSICS—ABSTRACTS

[Physics] Ref. zhur.: Fiz. no. 1 Ja '62.

PHYSICS—BIBLIOGRAPHY see Bibliography—Physics

PHYSICS—PHILOSOPHY

Role of the concept of convection current in the development of physics. V. M. Dukov. Trudy inst. ist. est. i tekh. 43:112-130 '61.

Student conference on philosophical problems of physics. G. Solgalov, A. Guseinov. Nauch. dokl. vys. shkoly, filos. nauki 4 no. 3:192-193 '61.

PHYSICS—STUDY AND TEACHING

Agricultural specialists should have a lasting knowledge of physics A. G. Chertov, V. I. Shcherbakov Vest. vys. shkoly 20 no. 1 49-52 Ja '62.

Conference on the methods of teaching physics. Vech. sred. shkola 4 no. 6:91 N-D '61.

Gulkin, A. M., and E. M. Novodvorskaia. [Methods for conducting exercises in physics (in institutes of higher education), methodological manual for teachers in technical colleges] Metodika provedeniia uprazhnenii po fizike (vo vtuze), metodicheskoe posobie dlia prepodavatelei vysshikh tekhnicheskikh uchebnykh zavedenii. Moskva, Gos. izd-vo "Vysshaia shkola" Pt. 1. [Mechanics and molecular physics] Mekhanika i molekuliarnaia fizika, 1961 174 p.

Notes from entrance examinations. S. F. Shilova. Vech. sred. shkola 4 no. 6 54-59 N-D '61.

Pedagogical lectures on physics. S. Maistrenko. Rad. shk. 40 no. 1:93-95 Ja '62.

Physics lesson in 1982. G. M. Dubovyk. Rad. shk. 40 no. 1:28-29 Ja '62.

PHYSIOLOGICAL APPARATUS

Method for studying the mobility of basic neural processes in man R. L. Rabinovich Zhur. vys. nerv. deiat. 11 no. 5 960-965 S-O '61

PHYSIOLOGICAL SOCIETIES

Conference of Representatives from the Physiological Societies of the Socialist Countries. Z. Matthinek. Fiziol. zhur. 47 no. 10 1338-1339 O '61.

PHYSIOLOGY

Age, height and weight. Tekh. mol. 29 no. 12:31 '61.

M. V. Lomonosov and physiology; on the 250th anniversary of his birth. D. G. Kvasov Fiziol. zhur. 47 no. 12:1457-1462 D '61.

Problems in the ecological physiology of man. D. A. Birlukov. Fiziol. zhur. 47 no. 10:1319-1328 O '61.

Putting science into service for the building of communism. D. A. Birlukov. Fiziol. zhur. 47 no. 10:I-IV O '61.

Some results of the research on problems in the evolution of functions, based on materials from the Third Conference on Evolutional Physiology Dedicated to the Memory of L. A. Orbel', F. P. Vediaev, A. E. Lichko. Fiziol. zhur. 47 no. 10:1333-1338 O '61.

PHYSIOLOGY—RESEARCH see subdivision under Azerbaijan

PHYSIOTHERAPY see Therapeutics, Physiological

PHYTOGEOGRAPHY see subdivision under Sakhalin

PHYTOPATHOGENIC BACTERIA see Bacteria, Phytopathogenic

PHYTOPLANKTON
(see also subdivision under Arctic Ocean; Atlantic Ocean; Baikal, Lake; Kherson Province; Mediterranean Sea; Nikolayev Province)

Installation for the study of algae. V. E. Semenenko, A. A. Nichiporovich. Vest. AN SSSR 32 no. 1:77-79 Ja '62.

PIANISTS see subdivision under Moscow

PIANO—INSTRUCTION AND STUDY

Letter to the editor. V. Del'son. Sov. muz. 25 no. 12: 109 D '61.

Savinskii, S. I. [The pianist and his technique] Pianist i ego rabota. Leningrad, Sovetskii kompozitor, 1961. 269 p.

PICTURE WRITING, MAYA

Calculating technique in historicophilological research. E. V. Evreinov, IU. G. Kosarev, V. A. Ustinov. Vest. AN SSSR 32 no. 1:80-83 Ja '62.

PIECEWORK

Using a group piece rate wage system in industry. T. Shatova, I. Akimova. Biul. nauch. inform.: trud i zar. plata 4 no. 9:33-39 '61.

PIGMENTS

Use of ultrasonic waves in investigating aqueous solutions of natural iron-oxide pigments. V. P. Riumin. Zhur. prikl. khim. 35 no. 1:56-60 Ja '62.

PILES (DISEASE) see Hemorrhoids

PILING (CIVIL ENGINEERING)

Calculation of the settling of a single pile on the basis of the theory of elasticity. E. P. Sivtsova. [Trudy] NIIOSP no. 45:5-15 '61.

The cap and its role in transmitting to the pile the energy of the impact of the hammer. P. R. Tikunov. [Trudy] NIIOSP no. 45:23-32 '61.

Dependence of the resistance of a pile on the length of "rest" in the soil after being driven P. R. Tikunov. [Trudy] NIIOSP no. 45 16-22 '61

Determining the bearing capacity of piles by "sounding" S. A. Shashkov. Izv ASiA no 2 105-110 '61

PIMENOV, IURII IVANOVICH, 1903-

Work and a way of life. E. Kostina Iskusstvo 24 no 6 24-30 '61

PINE
(see also subdivision under Dnieper Valley; Irtysh Valley, Rostov Province, Sayan Mountains, Voronezh Province)

Bare sandy soils in southern terrains as a particular habitat for primary pine forests. I. I. Gordienko. Bot. zhur. 46 no. 8:1190-1194 Ag '61.

Butts of pine logs is a valuable raw material N. A. Gurich and others Bum prom 36 no 10 16 O '61

Changes in the ground cover of pine forests under the influence of ground fire. I. V. Guntzhenko. Sbor. bot. rab. Bel. otd. VBO no 2 50-57 '60

Pine forest types of the central forest-steppe. O. G. Kapper. Nauch. zap. VLTI 17 :5-8 '60.

Pine seed production and its improvement on the basis of breeding. M. M. Veresin. Nauch. zap. VLTI 17:9-12 '60

Reproductive capacity of various pine seed trees. IU. N. Ivanov. Sbor. bot. rab. Bel otd. VBO no. 2:5-12 '60.

Some problems of establishing and growing pine plantations. V. I. Rubtsov. Nauch. zap. VLTI 17:13-19 '60.

Sylvicultural importance of the secular cycles of natural conditions in the development of pine forests in the forest-steppe. Nauch. zap. VLTI 17 83-92 '60.

Technological requirements for the over-all mechanization of work in gathering pine and spruce cones. V. V. Ogievskii Les. khoz. 14 no. 12:56-58 D '61.

Using young pine growth for the regeneration of thinned plantations. M. M. Putilin. Nauch. zap. VLTI 17:23-31 '60.

PINE—DISEASES AND PESTS see subdivision under Voronezh Province

PINE—FERTILIZERS AND MANURES

Effect of green manure on the photosynthesis and productivity of pine plantations. I. A. Ushkevich. Sbor. bot. rab. Bel. otd. VBO no. 2:132-141 '60.

PINE, FOSSIL see subdivision under Ural Mountains

PING-PONG see Table tennis

PIONEERS (COMMUNIST YOUTH) see subdivision under Moscow Province; Ukraine

Bibliographer's page. Nar. obr. no. 1 119 Ja '62.

By good deeds. Komsom. zhizn' no. 14 13-16 Jl '61.

Cultivating a love for work in Pioneer camp. P. A. Zhil'tsov Sbor. stud. nauch. rab. po gum. istik MOPI 4 171-214 '60

In the Sverdlovsk House of Pioneers and Students. M. Maramzina. Nar. obr. no. 1 76-79 Ja '62

Kel', O. S. [Birth of a Pioneer collective; the organization of a primary collective for children in a boarding school] Rozhdenie pionerskogo kollektiva; opyt organizatsii pervichnogo kollektiva detei v shkole-internate. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1961. 91 p. (Pedagogicheskaia biblioteka uchitelia)

March of the pioneers! two-year plan. IUn. tekh. 5 no. 7:5 Jl '61.

On the occasion of the 40th anniversary of the Pioneer organization. A. Sekulo, N. Chernysheva. Nar. obr. no. 1:124 Ja '62.

Our friends in foreign countries. IUn. tekh. 5 no. 7: 8-13 Jl '61.

Prits, L. [Education in a pioneer organization] Kasvatusest pioneerorganisatsioonis. Tallinn, Eesti Riiklik Kirjastus, 1960. 61 p. [In Estonian]

They greeted the congress. IUn. nat. no. 1:12 Ja '62.

Your personal gift to the Congress of the Party. IUn. tekh. 5 no. 7:2-4 Jl '61.

PIONEERS (COMMUNIST YOUTH)—BIBLIOGRAPHY see Bibliography—Pioneers (Communist Youth)

PIOTROVSKII, VLADIMIR FELIKSOVICH, 1876-

Anniversary of Vladimir Feliksovich Piotrovskii. V. I. Gortsev. Izv. Vses. geog. ob-va 93 no 6:544-545 N-D '61.

PIPE

Russia (1917- R. S. F. S. R.) Tekhnicheskoe upravlenie. [Manufacture and assembly of pipelines] Izgotovlenie i montazh truboprovodov; sbornik statei. Moskva, TSentr. biuro tekhn. informatsii, 1960. 313 p.

Use of calorized pipes in furnaces of processing units. S. I. Volfson Khim i tekh topl. i masel 6 no. 12 37-39 D '61.

PIPE—HYDRODYNAMICS

Determining the location of a possible breakdown of the flow in pipings of a pumping station. V. A. Baranov. Izv. AN Uz. SSR. Ser. tekh. nauk no. 4, 62-64 '61.

PIPE – HYDRODYNAMICS (Continued)

Free and hindered fall of solid particles in pipes. IU A Markov, A E Smoldyrev Nauch soob Inst. gor dela 7 128-137 '61

Two-phase fluid flow in a pipe with elliptic cross section. K. Sh. Latipov Izv AN Uz SSR Ser tekh nauk no 4 78-81 '61

PIPE, CAST IRON

Optimum phosphor content in cast iron used for centrifugal casting pipes in metal molds. G.I. Volkovitskii. Biul nauch.-tekh. inform. VNITI no. 4/5 125-135 '58

Parameters of liquid cast-iron feed in grooves of centrifugal pipe casting. B D. Khakhalin, P.A Bezverkhii, A.V. Tregubov. Biul.nauch.-tekh inform VNITI no.4/5:113-125 '58.

PIPE, CLAY

Ceramic drainage pipes. Mosk. prom. i khud. promys 2 no. 7 22 Jl '61.

Longevity of concrete and tile drains; from foreign research. N T. Efendiev. Gidr i mel 14 no 2 56-61 F '62.

PIPE, CLAY—TRANSPORTATION

Containers for the transportation of tile drains. V Klinta Gidr. i mel 14 no 2 43-47 F '62

PIPE, CONCRETE

Longevity of concrete and tile drains; from foreign research N T. Efendiev. Gidr. i mel 14 no. 2 56-61 F '62.

Porous polymer-concrete drains. S M Tolchkov. Gidr. i mel. 14 no 2 10-13 F '62

PIPE, COPPER—WELDING

Electric welding of copper blast furnace tuyere. N A. Mal'tsev. Avtom svar 15 no. 2 66-68 F '62.

PIPE, GLASS

Study of concrete heating panels with glass coil pipe. A. Z. Ivianskii. Sbor trud NIIST no 7 6-34 '61

PIPE, PLASTIC

Pipelines made of thermoplastics V Verner Plast massy no 3 35-37 '61

PIPE, RUBBER

Rubber water pipe for livestock farms. G. A. Openov, Z. N. Nikolaevskaia. Kauch. i rez. 20 no 12:51 D '61

PIPE, STEEL

Reducing and straining welded gas and water pipes without subsequent cutting of thickened ends. A.A. Shevchenko, G.I. Guliaev, V.A. IUrgelenas. Biul. nauch.-tekh. inform. VNITI no. 4/5:5-16 '58

Selecting electrolytes for electrolytic polishing of stainless steel pipes surfaces. N.V. Bogolavlenskaia. Biul. nauch.-tekh. inform. VNITI no. 4/5 157-160 '58.

PIPE, STEEL—CORROSION

Corrosion of pipes in evaporators in sugar refineries. D.M. Voloshko, Z.M. Kalinkina, L.P. Shchesno. Biul. nauch.-tekh. inform. VNITI no. 4/5:143-153 '58.

Using electrode potentials as criteria in selecting metals for diffusion calorizator pipes in sugar refineries. D.M. Voloshko, Z.M. Kalinkina. Biul. nauch.-tekh. inform. VNITI no. 4/5:153-157 '58.

PIPE, STEEL—STANDARDS

[Seamless smooth, threaded, welded and shaped steel pipes] Truby stal'nye besshovnye gladkie, nareznye, svarnye i profil'nye. Izdanie ofitsial'noe, Moskva, Gos. izd-vo standartov, 1961. 309 p. (Gosudarstvennye standarty SSSR)

PIPE, STEEL—TESTING

Changes in mechanical properties of stainless steel 1Kh18N9T due to the degree of deformation caused by cold drawing. S.I. Bortsov, M.M. Bernshtein. Biul. nauch.-tekh. inform. VNITI no. 4/5:62-70 '58.

Effect of the crescent shape of strips on the properties of electrically welded pipes. L.I. Zil'bershtein, F.D. Manevich. Biul. nauch.-tekh. inform. VNITI no. 4/5:106-112 '58.

Engineering properties of electrically welded pipes hardened by the resistance method. B.D. Zhukovskii, L.I. Zil'bershtein, F.D. Manevich. Biul. nauch.-tekh. inform. VNITI no. 4/5:101-106 '58.

Noncontact deformation caused by the rolling of pipes ant its effect on strain resistance. M.I. Chepurko. Biul. nauch.-tekh. inform. VNITI no. 4/5:38-51 '58.

PIPE CUTTING

Efficient cutting of the ends of electrically welded large-diameter pipes. Z.O. Kniazhinskii, P.N. Kalinushkin. Biul. nauch.-tekh. inform. VNITI no. 4/5:96-101 '58.

Pipe billet clamp for hot cutting saws. V.G. Attarian. Metallurg 7 no. 1:33-34 Ja '62.

PIPE FITTING

Efficient gauging of pipes welded by the submerged arc method. Z.O. Kniazhinskii, P.N. Kalinushkin. Biul. nauch.-tekh. inform. VNITI no. 4/5:94-98 '58.

PIPE MILLS

(see also subdivision under Tiflis)

Investigating the relationship between pressures in metal caused by cold rolling of pipes and basic parameters of the rolling process. IA.E. Osada and others. Biul. nauch.-tekh. inform. VNITI no. 4/5:81-93 '58.

New technological processes used in rolling 102-170 mm. diameter pipes of stainless steel 1Kh18N9T. O.A. Pliatskovskii. Biul. nauch.-tekh. inform VNITI no. 4/5: 24-30 '58.

Selection of wear resistant steels for mandrels of continuous and three-roll pipe mills. O.A. Pliatskovskii, A.S. Livshits. Biul. nauch.-tekh. inform. VNITI no. 4/5 51-61 '58.

PIPE MILLS—EQUIPMENT AND SUPPLIES

Pipe billet clamp for hot cutting saws. V. G. Attarian. Metallurg 7 no 1 33-34 Ja '62

PIPELINE TRANSPORTATION OF SOLIDS see Hydraulic conveying

PIPELINES

(see also subdivision under Alma-Ata Hydroelectric Power Station)

Designing pipelines against the action of earthquake forces Trudy TSNIISK no 6 238-240 '61

Internal potentials for increasing labor productivity in construction. IA. Kuperman Biul nauch. inform. trud i zar. plata 4 no. 12:10-16 '61.

PIPELINES—HYDRODYNAMICS

Pressure variations in a pipeline with a periodic change in consumption. A. E. Rotte. Izv vys. ucheb zav. neft' i gaz 4 no. 6:89-95 '61

PIPERAZINE

Bonds formed between diketopiperazines and amino acids. I. N. Akimova Khim belka no 1 69-140 '61

Diketopiperazines, structural elements of the protein molecule (diketopiperazine theory of protein structure). I. N. Akimova Khim belka no. 1 35-68 '61.

Fermentation of diketopiperazines. I. N. Akimova. Khim. belka no 1:245-255 '61.

PIPERIDINE

Relationship between the structure and effect of certain 2,6-dimethylpiperdine derivatives on the choline reactive systems. IU. I. Syrneva. Farm. i toks 24 no. 3: 304-309 My-Je '61.

PIPERIDINE—PHYSIOLOGICAL EFFECT

Pharmacology of nanofin. IU. I. Syrneva. Khim. i med. no. 5:70-76 '60.

PIPERYLENE

Determining the content of 1,2 links in piperylene rubber. A.I. IAkubchik, V.K. Smirnova. Zhur. prikl. khim. 35 no. 1:159-164 Ja '62.

PIRCIUPIS—WORLD WAR, 1939-1945—ATROCITIES

Uzdavinys, Vincas. [The tragedy of the village of Pirciupis] Pirciupio kaimo tragedija; antrasis pataisytas leidimas. Vilnius, Valstybine politines ir moksalines literatures leidykla, 1960. 93 p. [In Lithuanian]

PIROGOV, NIKOLAI IVANOVICH, 1810-1881

N.I. Pirogov, a fighter for the progressive scientific trend in the literature. I.IA. Deineka. Vest. khir. no. 6:127-136 '61.

N.I. Pirogov and the Academy of Sciences. E.S. Kuliabko. Sov. med. 25 no. 9:143-144 S '61.

Some data on activities of N.I. Pirogov in the field of postgraduate surgical training of physicians in the Medical and Surgical Academy. A.G. Milashkin. Vest. khir. no. 6:135-139 '61.

PISEMSKII, ALEKSEI FEOFILAKTOVICH, 1820-1881

From the beginning of A.F. Pisemskii's new sketches "The idlers." A.P. Mogilianskii. Lit. arkh. no. 6:19-21 '61.

PISTACHIO—DISEASES AND PESTS

(see also subdivision under Turkmenistan)

Protecting pistachio in every possible way against injurious insects. V.S. Znamenskii. Les. khoz. 14 no. 12:43-44 D '61.

PISTON RINGS

Goncharenko, V.G. [Investigating piston rings of motor-vehicle engines] Issledovanie porshnevykh kolets dvigatelei avtotraktornogo tipa. Izd-vo Saratovskogo univ. 1961. 197 p. (Saratov. Institut mekhanizatsii sel'skogo khoziaistva. Trudy, no. 25)

PITCH

Changes in the method of pitch preparation. I. P. Dobrovol'skii, A. R. Kostenko, A. P. Chervov. Koks i khim. no. 8:33-34 '61.

PITTONI, GIOVANNI BATTISTA, 1687-1767

Paintings by Giovanni Battista Pittoni. T. Fomicheva. Soob. Gos. Erm. no. 20:32-36 '61.

PITUITARY BASOPHILISM see Cushing Syndrome

PITUITARY BODY

Secondary effect of exogenous corticoids on the adrenopituitary system. F. Kost Sov. med. 25 no 6:13-21 Je '61.

PITUITARY BODY—HYPOPHYSECTOMY

Changes in the pituitary of amphibian larvae after the removal of the preoptic nuclei [with summary in English] A. A. Voitkevich Biul eksp. biol. i med 52 no 10 93-96 O '61.

PITUITARY BODY—RADIOGRAPHY

Action of radioactive iodine on the thyroid, pituitary and adrenal glands in rabbits [with summary in English]. G.I Kutakh. Med. rad. no. 6:42-44 '61.

PITUITARY BODY—TUMORS

Trigeminal neuralgia in tumors of the hypophysis. I. A. Koreisha, V. V. Maslennikova, V. V. Grekhov. Vop. neirokhir. 25 no. 1:49-53 '62.

PITUITARY EXTRACT

Hormone of the anterior lobe of the hypophysis and functions of the mammary gland in buffalo cows. M. G. Aliev. Trudy Sekt. fiziol AN Azerb. SSR 4:111-119 '60.

PITUITARY HORMONES

Effect of prolactin on the basic components of goat's milk. A. G. Taranenko. Fiziol zhur. 47 no. 12:1490-1495 D '61.

PLAKSIN, IGOR' NIKOLAEVICH, 1900-

Igor' Nikolaevich Plaksin, corresponding member of the Academy of Sciences of the U. S. S. R., on his 60th birthday Nauch soob. Inst. gor. dela 6:3-7 '60.

PLAKSIN, IGOR' NIKOLAEVICH, 1900—BIBLIOGRAPHY see Bibliography—Plaksin, Igor' Nikolaevich, 1900-

PLANETS, MINOR

Precise positions of minor planets from photographic observations at Pulkovo [with summary in English]. N.M. Bronnikova and others. Trudy GAO Ser. 2 73: 135-146 '61.

Precise positions of minor planets from photographic observations at the Cape Observatory [with summary in English]. V.A. Sokolova. Trudy GAO Ser. 2 73: 149-155 '61.

PLANING HULLS

Design of retractable underwater wings [from foreign journals]. Sudostroenie 27 no. 12:65-67 D '61.

PLANING MACHINES—ATTACHMENTS

New cutting tools and attachments for planers. L.I. Potapovich. Mashinostroitel' no. 1:18-19 Ja '62.

PLANING MACHINES—TECHNOLOGICAL INNOVATIONS

Moscow. Eksperimental'nyi nauchno-issledovatel'skii institut metallorezhushchikh stankov. [Standard plan for the modernization of 736 and 7A36 transverse planing machines] Tipovoi proekt modernizatsii poperechno-strogal'nykh stankov modelei 736 i 7A36. Moskva, Gos. izd-vo mashinostroit. lit-ry, 1961. 147 p.

PLANKTON see subdivision under Il'men', Lake

PLANKTON RESEARCH

Apparatus for studying the distribution of aquatic organisms in rice fields. N. P. Sokolov. Trudy Gidrobiol. ob-va 11:424-426 '61.

Method for separate collection of marine phytoplankton and zooplankton. G. K. Barashkov. Trudy Gidrobiol. ob-va 11:416-418 '61.

Method for the collection and quantitative analysis of phytoplankton P I. Usachev. Trudy Gidrobiol. ob-va 11:411-415 '61.

A new model of plankton sampler. E. P. Bitiukov. Trudy Gidrobiol. ob-va 11:419-423 '61.

The possibility of estimating vertical distribution of plankton masses by the coefficient of light attenuation. O. A. Sokolov. Biul. Okean. kom. no. 3:84-89 '61.

Random cell for counting small biological objects. B. M. Mednikov, IA. I. Starobogatov Trudy Gidrobiol. ob-va 11 426-428 '61.

PLANT BREEDING

(see also subdivision under Indonesia; Leningrad)

Arabidopsis thaliana (L.) Heynh. as a new object for genetic research [with summary in English]. K. V. Kvitko, A. Miuller. Issl. po gen. no. 1:79-91 '61.

PLANT BREEDING—RESEARCH see subdivision under Lvov Province; Maikop

PLANT CELLS AND TISSUES

Cytochemistry of nucleic acids in the process of the development of archesporial cells of the cotton plant anther. IU. L. Nikiforov. Izv. AN Turk. SSR. Ser. biol. nauk no. 6:7-17 '61.

PLANT COMMUNITIES see subdivision under Bol'shoy Lyakhov Island

PLANT CUTTINGS

Root-developing capacity of stem and leaf cuttings. A. G. [Usufov Bot. zhur 46 no 12:1803-1806 D '61.

PLANT DISEASES

Borggardt, A. I. [Selected works on phytopathology] Izbrannye trudy po fitopatologii. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1961. 214 p.

Protsenko, E. P., and A. E. Protsenko. [Concise atlas of the diseases of ornamental plants] Kratkii atlas bolezneĭ dekorativnykh rasteniĭ Moskva, Izd-vo Akad. nauk SSSR, 1961 135 p.
(DA)

PLANT INTRODUCTION

Introduction and study of foreign mulberry varieties in Azerbaijan. I. K. Abdullaev. Izv. AN Azerb SSR. Ser. biol. i med. nauk no. 10:23-34 '61.

PLANT LICE see subdivision under Soviet Central Asia

PLANT PHYSIOLOGY

Kuperman, F. M. [Biological control in the service of the harvest] Biologicheskiĭ kontrol' na sluzhbu urozhaiu. Moskva, Izd-vo "Znanie," 1961. 52 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 8, Biologiia i meditsina, no. 22)

Scattering of radiant energy by plant leaves. I. N. Shul'gin and others. Biofizika 6 no. 6:734-738 '61.

Two experiments on the stage development of plants. V. F. Baliuk. Biol. v shkole no. 1:63-65 Ja-F '62.

PLANT PROPAGATION

Lovina, R. E. [Variety and development of forms of plant propagation] Mnogoobrazie i evoliutsiia form razmnozheniia rasteniĭ. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 60 p.
[MICROFILM]

PLANT REGULATORS see Growth promoting substances

PLANT TUMORS see Tumors, Plant

PLANTERS (AGRICULTURAL MACHINERY)

Distribution of seeds in the hill in checkrow planting. N. D. Marchenko. Trakt. i sel'khozmash 31 no.12:24-25 D '61.

PLANTS—ASSIMILATION

Study of the shift in isotope make-up of the elements Sr, Rb, Ca, K and Li in their assimilation from the nutrient medium by plants [with summary in English]. G. R. Rik and others. Biofizika 6 no. 6,740-744 '61.

PLANTS—CHEMICAL ANALYSIS

Chemistry of green algae (Chlorophyta) [with summary in English]. G. K. Barashkov. Bot. zhur. 46 no 12: 1824-1834 D '61.

Free amino acids and sugars in the pollen and anthers of the first generation of Triticum-Agropyron hybrids and their parental forms. T. P. Petrovskaia, N. V. TSinger. Trudy Glav. bot. sada 8:141-146 '61.

Histochemical investigation of the pollen and pollen tubes in some angiosperms. V. A. Poddubnaia-Arnol'di and others. Trudy Glav. bot. sada 8:182-194 '61.

Rapid method for histochemical determination of free amino acids in plants. R. K. Salaev. Bot. zhur. 46 no. 8:1144-1145 Ag '61.

PLANTS—DISEASE AND PEST RESISTANCE

Anfinnikov, M. A. [Leopard moth and its control] Drevesnitsa v"edlivaia i bor'ba s nei. Kiev, Izd-vo Ukrainskoĭ Akad. sel'khoz. nauk, 1961, 153 p.
(DA)

"Biochemistry and physiology of plant immunity" by B. A. Rubin, E. V. Arisikhovskaia. Reviewed by N. S. Petinov. Vest. AN SSSR 32 no. 1:151-153 Ja '62.

PLANTS—EVOLUTION

Biochemical evolution of plants. A. V. Blagoveshchenskiĭ. Trudy Glav. bot. sada 8:3-7 '61.

PLANTS—HARDINESS

Increasing drought resistance of cultivated plants by means of hardening them before sowing. P. A. Genkel'. Biol. v shkole no. 1:77-82 Ja-F '62.

PLANTS—RESPIRATION

Changes in the respiration intensity and the amount of phosphorus compounds in ripening plant seeds. A. N. Krenke. Trudy Glav. bot. sada 8:97-112 '61.

Demonstrating the absorption of carbon dioxide from the air by green plants. V. P. Izvoshchikov. Biol. v shkole no. 1:85 Ja-F '62.

Research on gas exchange in plants in the closed systems of $C^{14}O_2$. V. L. Voznes[illegible] [illegible] 4 no.2:725-733 '61.

PLANTS—TRANSPIRATION

Optimum water conditions [illegible] Uganda Province. O. V. T[illegible] Eksperimental'naia botanika 8:53-64 '61.

[illegible] 1807-1811 D '61.

PLANTS—WATER REQUIREMENTS

Effect of the moisture regime of peat soils on the formation of substances composing the mechanical tissues of plants. V. M. Terent'ev, L. N. Konovalova. Dokl AN BSSR 5 no. 11:511-514 N '61.

PLANTS, EFFECT OF ALKALOIDS ON

Role of alkaloids in the vital activity of plants. M. Z. Mindlin, V. K. Gerasimenko. Trudy Perm. farm. inst. no. 1 121-130 '59.

PLANTS, EFFECT OF COPPER ON

Effect of copper and potassium on some morphologic characteristics of hemp. I. V. Anashkin. Sbor. bot. rab. Bel. otd. VBO no. 2 13-19 '60

PLANTS, EFFECT OF GASES ON

Effect of smoke and gas on flowering and fruiting of some trees and shrubs V. G Antipov. Sbor. bot. rab. Bel. otd. VBO no 2:167-172 '60.

PLANTS, EFFECT OF LIGHT ON see subdivision under Kyzyl Kum

PLANTS, EFFECT OF PHOSPHORUS ON

Plant uptake of radioactive phosphorus and its effect on cotton yields [in Azerbaijani with summary in Russian] Z. R. Movsumov. Izv. AN Azerb. SSR. Ser biol i med. nauk no. 10:103-109 '61.

Uptake and distribution of labeled phosphorus in the potato plant under conditions of foliar feeding. A. I Grechushnikov, V. P Kiriukhin. Dokl. AN SSSR 142 no. 3 719-722 Ja '62.

PLANTS, EFFECT OF POTASSIUM ON

Effect of copper and potassium on some morphologic characteristics of hemp. I. V. Anashkin. Sbor. bot. rab. Bel. otd. VBO no. 2:13-19 '60.

PLANTS, EFFECT OF SMOKE ON

Effect of smoke and gas on flowering and fruiting of some trees and shrubs. V. G Antipov. Sbor. bot. rab. Bel. otd. VBO no. 2:167-172 '60.

PLANTS, FLOWERING OF see subdivision under Sverdlovsk; Ural Mountain region, White Russia

PLANTS, ORNAMENTAL
(see also subdivision under Karaganda; Karaganda Province)

Protsenko, E. P., and A. E. Protsenko. [Concise atlas of the diseases of ornamental plants] Kratkii atlas bolezneĭ dekorativnykh rasteniĭ. Moskva, Izd-vo Akad. nauk SSSR, 1961. 135 p.
(DA)

PLANTS, PROTECTION OF see subdivision under Poland

PLANTS, SEX IN

Sex genetics in garden strawberries (Fragaria elatior Ehrh.) [with summary in English] T. S. Fadeeva. Issl. po gen. no. 1:92-105 '61.

Sex genetics in hemp (Cannabis sativa L.) [with summary in English]. K. V. Kvitko. Issl. po gen. no. 1:106-115 '61.

PLASMA (IONIZED GASES)

Addition to the brief report "Tensor of the electric permeability of plasma with a beam" published in "Radiotekhnika i Elektronika" no. 12, 1960. Radiotekh. i elektron. 7 no. 2:360 F '62.

Deionization of argon plasma in a magnetic field. V. S. Golubev. Radiotekh. i elektron. 7 no. 1:153-160 Ja '62.

Emission of a plasma wave by a charge moving in a magnetoactive plasma [with summary in English]. V. IA. Eidman. Zhur. eksp. i teor. fiz. 41 no. 6:1971-1977 D '61.

Experimental study of the diffusion breakdown of a plasma in a magnetic field. Part 2. V. E. Golant, A. P. Zhilinskiĭ. Zhur. tekh. fiz. 32 no. 1:127-129 Ja '62.

Generation of magnetohydrodynamic waves in an anisotropic plasma A. D. Patarata, D. G. Lominadze. Zhur. tekh. fiz. 32 no. 1:44-47 Ja '62.

Hydrodynamics of a nonisothermal plasma [with summary in English]. E. E. Lovetskiĭ, A. A. Rukhadze. Zhur. eksp. i teor. fiz. 41 no. 6:1845-1849 D '61.

Kudriavtsev, E. V., and V. P. Ionov, eds. [Mobile plasma. Translations] Dvizhushchaiasia plazma; sbornik perevodov. Moskva, Izd-vo inostr. lit-ry, 1961, 612 p.

Propagation of a superhigh-frequency discharge along a line coaxial with the inner gas-discharge conductor. M. IA. Mandel'shtam. Zhur. tekh. fiz 32 no. 1 48-56 Ja '62.

[illegible] opov, [illegible] dn, [illegible]

PLASMA (IONIZED GASES)—CONGRESSES

[illegible] rol-[illegible] I. P. [illegible]

List of reports presented at the International Conference on Research in the field of Plasma Physics and Controlled Thermonuclear Synthesis, organized by MAGATE at Salzburg, Austria, on September 4-9, 1961 Atom energ 12 no. 2:174-180 F '62.

PLASMA PROTEINS

Proteins and amino acids in the blood serum of patients with otogenic intracranial complications. I. IU. Laskov, G. A. Feigin. Med. zhur. Uzb. no. 6:12-17 Je '61.

PLASTER—DRYING

Drying apparatus for plaster. IU. Simakhin. Pozh. delo 8 no. 1:15 Ja '62.

PLASTERING—HANDBOOKS, MANUALS, ETC.

Makarov, V. I. [Handbook for the plasterer] Pamiatka shtukatura. [Leningrad] Lenizdat, 1961. 61 p. (V pomoshch' stroiteliu)

PLASTERS (PHARMACY)

Treatment of onychomycoses with keratolytic and fungicidal plasters. A. F. Baranov and others. Vest. derm i ven no. 1:65-67 '62.

PLASTIC PIPE see Pipe, Plastic

PLASTIC SURGERY see Surgery, Plastic

PLASTICITY

Genlev, G. A. [Characteristic lines and lines of minor ruptures in the plane dynamic problem of plasticity] Kharakteristicheskie linii i linii slabykh razryvov v ploskoĭ dinamicheskoĭ zadache plastichnosti. Moskva, TSentr. nauchno-issl in-t stroit. konstruktsiĭ, 1959 8 p.
[MICROFILM]

Insertion of a rigid wedge into a semiplane under conditions of steady creep. N. Kh. Arutiunian, M. M. Mannkian. Prikl mat. i mekh. 26 no. 1:165-169 Ja-F '62.

PLASTICIZATION

Thermal plasticization of sapropelic and cannel coals as a method for their processing. S. G. Aronov and others. Khim. i tekh. topl. i masel 7 no. 1:34-40 Ja '62.

PLASTICIZERS

Effect of the plasticization of polymers in dependence on the chemical nature and structure of plasticizers. V. A. Voskresenskiĭ, S. S. Shakirzianova. Zhur. prikl. khim 35 no. 1 217-221 Ja '62.

PLASTICS
(see also subdivision under Great Britain)

Asbestos fibrous materials as substitutes for asbestos cloth. N. T. Dodonov, K. V. Khartke. Kauch. i rez. 20 no. 11:35-38 N '61.

Greatest document of our time. V. Ioffe. Plast. massy no. 10:1-2 '61.

Home refrigerators with plastic bodies (from "Die Kälte," no. 10, 1960). V. P. Alekseev. Khol. tekh. 38 no. 3:70-71 My-Je '61.

Investigation of thermal and physical properties of foam plastics by the nonstationary method. A. N Lepikin, S. I. Nozdrin. Izv. vys. uchab. zav.; pishch. tekh. no. 5: 122-130 '61.

Khigerovich, M. L. [Plastic building materials and articles] Stroitel'nye materialy i izdeliia iz plastmass. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1961, 119 p. (Novaia tekhnika i peredovye metody truda)

Manufacture of gloves from poly (vinyl chloride) pastes. Z. A. Pal'tsevich, M. I. Przhebyl'skiĭ, A. D. Chugai. Plast. massy no. 10:36-38 '61.

Method without the use of compression for manufacturing goods of elastic foam plastic based on poly(vinyl chloride). V. A. TSimbaliuk. Plast. massy no. 10:67-68 '61.

New varieties of plastic materials. M. H. Hotovanov. Nauka i zhyttia 11 no. 10:21-23 O '61.

Plastic materials in hydraulic construction work for land improvement purposes abroad, a survey of foreign literature. V. N. Gorinskiĭ. Gidr. i mel. 14 no. 1: 52-62 Ja '62.

Plastic strip moldings for structural purposes. L. Makarian. Prom. Arm. 4 no. 11:61-63 N '61.

Plastics at the Soviet Industrial Exhibition in London. G. O. Tatevos'ian. Plast. massy no. 9:72-74 '61.

"Plastics in cartography" by P. A. Ivan'kov, N. F. Smozhenkov. Reviewed by A. V. Edel'shtein. Geod. i kart. no. 1:75-77 Ja '62.

Rectification column with parts made of wood-filled plastics. E. A. Fedorov. Plast. massy no. 10:65-66 '61.

Self-hardening acrylic plastics in the constructions of dies for cold stamping. A. A. Shturman. Plast massy no. 9 38-42 '61.

Transparent bases used in cartography abroad. IU. A. Oknin. Geod. i kart. no. 11:69-72 N '61.

Use of plastic materials in the construction of collectors of electrical machinery. IU. M. Tarnopol'skiĭ, K. A. Akunts, A. V. Petrov. Plast. massy no. 10:44-46 '61.

Utilization of local raw materials in the manufacture of plastics. S. A. Pottevskaia. Plast. massy no. 9:68 '61.

PLASTICS—EXHIBITIONS

Awards given for works at the Exhibition of Achievements of the National Economy of the U S S R in 1960 A B Derevicher Plast massy no 9 1-2 '61

PLASTICS—MOLDING

Factors affecting the hardening of novolac molding powders. A. D. Sokolov and others. Plast. massy no. 10-22-24 '61.

Gas diverters in molds for casting, their design and construction N. B Vidgof, S. M Rips Plast massy no 9 57-60 '61.

Modernization of a high-frequency generator for heating molding compositions and for a further intensification of processes of the compression molding of phenoplasts I Sh. Pik, V S Romeiko Plast. massy no 9 61-63 '61.

Press molds with the use of vacuum and compressed air. V S Kim Plast massy no 9 66-67 '61

PLASTICS—TESTING

Dynamic modulus of elasticity of some industrial plastics. V. M Chernyshev Vest. mash 42 no. 1:46-49 Ja '62

PLASTICS IN MEDICINE

Use of new accelerated methods for applying plastic dental splints. V. A. Il'in. Stomatologiia 39 no. 6:56-58 N-D '60.

Use of a quick setting plastic in applying prosthesis to an edentulous maxilla with a defect in the hard palate originating from a gunshot wound. I. M. Fleishmakher. Stomatologiia 39 no. 6 58-59 N-D '60

Use of porolon plombage in partial resections of the lungs in tuberculosis. A. G. Gubanov and others. Vest. khir. no. 5:46-51 '61.

PLASTICS INDUSTRY

Economic aspects of the industry of polymerization plastics T L. Bakumenko, N. P. Fedorenko, E P Shchukin. Plast massy no. 9 52-56 '61

Economic effectiveness of capital investments in the development of the industry of plastics and plastic goods. I. V. Rakhlin, E. I. Belikova. Plast. massy no. 10 47-52 '61.

Furfurole and its derivatives as a prospective raw material for the plastics industry. A I. Kozlov, N. Z. Shabadash Plast massy no 9 47-51 '61.

PLASTICS INDUSTRY—BIBLIOGRAPHY see Bibliography—Plastics industry

PLASTICS INDUSTRY—BY-PRODUCTS

Reprocessing of thermosetting plastic wastes. V. V. Selin. Plast. massy no. 10:68 '61.

PLASTICS INDUSTRY—QUALITY CONTROL see subdivision under Novosibirsk

PLATE TOWERS

Effectiveness and maximum loads of industrial absorbers with various bibble trays. M E. Aerov and others Gaz. prom. 6 no. 11:35-38 '61.

Main characteristics and application fields of plates of various design in rectification and absorption columns. I. A Aleksandrov, A. I. Skoblo. Khim i tekh. topl. i masel 7 no. 1:45-50 Ja '62.

Studying the operation of troughed plates of industrial rectification columns. IU I. Kozorezov and others. Khim. i tekh. topl. i masel 7 no. 2:40-44 F '62.

Value of the resistance coefficient of a dry bubble cap plate. IU. K. Molokanov, A. I. Skoblo. Izv. vys. ucheb. zav.; khim. i khim. tekh. 4 no. 4:673-675 '61.

PLATINUM

(see also subdivision under Noril'sk region)

Long service life of a platinum catalyst. G. N. Maslianskii and others. Khim i tekh. topl. i masel 7 no. 2 5-7 F '62.

PLATINUM—DECAY

α-Radioactivity of natural platinum [with summary in English]. K. A. Petrzhak, M. I. IAkunin Zhur. eksp. i teor. fiz. 41 no. 6:1780-1781 D '61

PLATINUM COMPOUNDS

Distorted octahedral complexes of bivalent platinum, palladium, and nickel. M. A. Porai-Koshits, G. B. Bokii, G. A. Kukina. Zhur. strukt. khim. 2 no. 3:327-329 My-Je '61.

PLATINUM ELECTRODES see Electrodes, Platinum

PLATONOV, BORIS VIKTOROVICH, 1903-

Boris Platonov. A. Makarenok. Teatr 23 no. 1:72-73 Ja '62.

PLAY

Winter walks with children. E. Lebedeva. Doshk. vykh. 23 no 2:40-41 F '62.

PLAYGROUNDS

Make parks for children. Kul't.-pros. rab. 22 no. 7:11-16 Jl '61.

Sports City. P. Ober, S. Gliazer. IUn. tekh. 6 no. 7: 34-39 Jl '61.

PLAYS FOR CHILDREN see Children's plays

PLESHCHEEV, ALEKSEI NIKOLAEVICH, 1825-1893

Letters written by A. N. Pleshcheev to P A. Pletnev and others. G. M. Fridlender and others Lit. arkh. no. 6 205-407 '61.

Letters written by N. A. Dobrolubov to A. N. Pleshcheev, L. S. Pustil'nik. Lit. arkh. no. 6 408-417 '61.

PLEURA—SURGERY

Preparation of patients for surgical cautery of pleural adhesions in the sanatorium. A. D. Cheremukhin and others. Sov. med. 25 no. 6:130-131 Je '61.

PLEURA—TUBERCULOSIS

Treatment of tuberculosis empyema of the pleura. I. A Kutkov. Zdrav. Tadzh. 8 no. 6. 21-24 N-D '61.

PLEURISY

X-ray diagnosis of cancerous pleurisy [with summary in English]. N. P. Negovskii, K E Tavonius, M G Vinner. Sov. med. 25 no. 8:9-15 Ag '61.

PLEUROSPERMUM see subdivision under Sayan Mountains

PLEXIGLAS

Shielding properties of water, polyethylene, and plexiglas [with summary in English]. D. L Broder, A A. Kutuzov, V. V. Levin. Inzh.-fiz. zhur. 5 no 2:47-51 F '62.

PLUMBING see subdivision under Leningrad

PLUMBING—EQUIPMENT AND SUPPLIES

Development of the manufacture of sanitary engineering equipment for construction. F A Shevelev, E. IA. Vilenskii. Izv. ASiA no. 2:60-70 '61.

PLUTONIUM—DECAY

α-Decay of Pu^{239} [with summary in English]. B. S. Dzhelepov, R. B. Ivanov, V. G. Nedovesov Zhur. eksp. i teor fiz 41 no. 6:1725-1728 D '61.

PLYWOOD see subdivision under United States

PNEUMATIC CONTROL

Basic pneumatic control devices. V. I. Shcherbakov, L. M. Pomerantsev, S. A. IUditskii. Stan. i instr 33 no 2: 5-10 F '62.

Prusenko, V. S. [Elements of pneumatic control for the regulation of thermal processes] Elementy pnevmoavtomatiki dlia regulirovaniia teplovykh protsessov. Moskva, Gos. energ. izd-vo, 1961. 271 p. (Biblioteka po avtomatike, no. 37)

[MICROFILM]

PNEUMATIC GAUGES

Wide-range pneumatic instrument for automatic control of dimensions. E. I. Ped'. Izm. tekh. no. 12 12-14 D '61

PNEUMATIC MACHINERY

Pneumatic clamps for sector forms. I. Kraizman. Avt. transp. 39 no. 12:50 D '61.

PNEUMOGASTRIC NERVE see Vagus nerve

PNEUMONIA

Atypical pneumonia caused by the ornithosis virus. S. L. Erez, Z. V. Kriukova. Vrach delo no. 6 88-90 Je '61

Differential diagnosis of nonspecific and specific pneumonia in children. A. A. IAnchevskaia. Pediatriia no. 1:46-47 '62.

Effect of circulatory disorders and edema of the lungs on the formation and course of an infectious process in them (pneumonia). Report No. 1: Effect of intraperitoneal injection of adrenalin on the development of experimental pneumococcal pneumonia in white rats [with summary in English]. N. G. Palkov. Biul. eksp biol. i med. 52 no. 8:37-40 Ag '61.

Importance of bronchography in the differential diagnosis of pulmonary tuberculosis and chronic nonspecific pneumonia. P. P. Baida. Voen.-med. zhur. no. 7:82-83 Jl '61.

Noninfectious pneumonia in calves [with summaries in English, German, and French]. V. N. Kovaleva. Vest. sel'khoz. nauki 6 no 11 63-67 N '61.

Pneumocystis carinii as the etiological factor in interstitial pneumonia of newborn infants [with summary in English]. O. Jírovec, J. Vanak. Sov. med 25 no. 10: 16-23 O '61.

Pneumocystosis in nursing children [with summary in English]. A. S. Shelepin. Arkh pat. no 1. 31-35 '62.

Pneumonia as a complication in corticoid therapy. A. L. Syrkin Terap. arkh 33 no. 10:108-110 '61

Use of bicillin in pneumonia. V. V. Osinskii Vrach. delo no. 6:128-129 Je '61.

Use of copper iontophoresis for treatment of inflammatory processes in the lungs and respiratory tract in children [with summary in English]. M. I. Botvinnikova Pediatriia 40 no. 12:8-12 D '61.

Use of mycerin in treating pneumonia in infants [with summary in English]. V. M. Marchenko. Sov. med 25 no. 10:92-95 O '61.

PNEUMOPERITONIUM, ARTIFICIAL

Use of pneumoretroperitoneum [with summary in English] B L. Pevzner, A G. Fen' Vest khir no. 7: 34-38 '61

PNEUMOTHORAX

Clinical and therapeutic problems in spontaneous pneumothorax of non-tuberculous etiology [with summary in English] E. V. Gembitskii. Sov med 25 no. 10:11-16 O '61.

External respiration in patients with rigid artificial pneumothorax. F. G. Timchenko. Probl tub. no. 5: 110-111 '61

Treatment of pulmonary tuberculosis by means of extrapleural pneumothorax [with summary in English] I. V. Baranova, L. A Karetskii. Sov med. 25 no. 6: 115-120 Je '61.

Use of extrapleural pneumo- and oleothorax according to broadened indices. IA. L. Kimiagarov. Zdrav Tadzh. 8 no. 6:17-21 N-D '61.

POACHING see subdivision under Brest Province

PODKAMENNAYA TUNGUSKA VALLEY—METEORITES

Nuclear explosion. F. IU. Zigel'. Znan. sila. 36 no. 12: 24-27 D '61.

PODOL'SK—SEWING MACHINES

Marakushev, E, A., E, A. Dolin, and A. I. Oblezov. [Class 85 sewing machine for hemming light fabrics developed by the Podol'sk Machinery Plant] Shvelnaia mashina 85 klassa PMZ dlia podshivki tonkikh tkanei. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1961. 54 p. (Novoe otechestvennoe oborudovanie)

POETRY

"Russian folk poetry." Reviewed by V. Sokolova. Sov. etn. no 5:179-180 S-O '61

POETS see subdivision under Angola

POGODIN, NIKOLAI FEDOROVICH, 1900-

N F. Pogodin's trilogy on Lenin. V. S. Malkova. Shor. stud nauch. rab. po gum. tsik MOPI 4 3-27 '60.

POKROVSKOYE DISTRICT (DNEPROPETROVSK PROVINCE)—PUBLIC HEALTH

Problems in public health in the regulations of agricultural farms [with summary in English]. V. F. Shpinev. Sov. zdrav. 20 no 7:34-38 '61.

POLAND—AGRICULTURE, COOPERATIVE

Lenin's plan for creating collective farms is a high road for bringing socialism to the peasantry. P. Kh. Kucherlavenko. Sbor. nauch. rab kaf. polit. ekon. vuzov g. Khar. no. 3:203-215 '60.

POLAND—ARCHIVES

"A guidebook to the Central Archives of Historical Documents in Warsaw." Reviewed by V. I. Chantseva. Ist arkh. 7 no. 3. 267-269 My-Je '61.

POLAND—BIBLIOGRAPHY

[New literature on European people's democracies and Slavic studies: Poland.] Nov. lit. po evr. op. stran. mar. dem. i slav.; Pol', no. 11 '61.

POLAND—CENSUS

Population census in Poland. A. Kotecki. Nov. viem. 20 no. 7:15-16 F '62.

POLAND—CHEMICAL INDUSTRIES

Development of the chemical industry of the People's Republic of Poland A. Radlinskii. Khim prom. no. 11: 819-822 N '61

POLAND—COKE

Molded coke, a new substitute for industrial fuel (from "Chemik," no. 5, 1959). V. F. Sakhnenko. Koks i khim. no. 6:53 '61.

POLAND—COMMUNIST PARTY

The Polish Workers' party as the organizer of the struggle for national liberation and independence. I. A. Khrenov. Vop ist. KPSS 6 no. 1 186-193 '62

POLAND—CREDIT

Jaworski, Wladyslaw. [Credit system of People's Poland. Translated from the Polish] Kreditnaia sistema narodnoi Pol'shi. Vstup. stat'ia i obshchaia red. V. P. Shalashova. Moskva, Gosfinizdat, 1961. 126 p.

POLAND—CRIMINAL PROCEDURE

"Retrial of criminal cases by reason of newly discovered circumstances" by B. S. Teterin and "Comparative study of the retrial of criminal cases according to Polish law" [in Polish] by S. Sliwinski. Reviewed by IA. O. Motovilovker Izv. vys. ucheb. zav.; prav. 5 no. 4:159-162 '61.

POLAND—ECONOMIC CONDITIONS

Socialist industrialization in Poland and its role in raising the material well-being and cultural level of the working people. I. F. Bebko. Trudy KTIPP no 23: 77-84 '60.

POLAND—HARBORS

Seaports of the Polish People's Republic. S. K. Kapustin. Biul. tekh.-ekon. inform. Tekh. upr. Min. mor. flota 5 no. 4:102-112 '60.

POLAND—INDUSTRIES

People's Poland exhibits. Nauka i zhyttia 11 no. 10:57 O '61.

Socialist industrialization in Poland and its role in raising the material well-being and cultural level of the working people. I. F. Bebko. Trudy KTIPP no. 23: 77-84 '60.

POLAND—LANGUAGES—STUDY AND TEACHING

Status of the study of foreign languages in the Polish People's Republic. Z. B. Khlewinska. Inostr. iaz. v shkole no. 1:24-26 Ja-F '62.

POLAND—LAW SCHOOLS

Legal education in Poland. M. Weralski. Izv. vys. ucheb. zav. ;prav. 5 no. 4:170-173 '61.

POLAND—PLANTS, PROTECTION OF

"Plants protected in Poland" [in Polish] by Wladislaw Szafer. Reviewed by N. I Burchak-Abramovich Bot zhur 46 no. 12:1839-1841 D '61

POLAND—REVOLUTION, 1863-1864

Awejde, Oskar. [Materials and notes on the Polish Revolution of 1863] Pokazaniia i zapiski o pol'skom vosstanii 1863 g. Moskva, Izd-vo Akad. nauk SSSR, 1961. 662 p. (Vosstanie 1863 goda- Materialy i dokumenty)

POLAND—SHIPBUILDING

Shipbuilding in the Polish People's Republic. V. A. Dumnov. Biul. tekh. -ekon. inform. Tekh. upr. Min. mor flota 5 no 4:113-116 '60.

POLAND—SUGAR INDUSTRY

Record-breaking production of sugar in the Polish People' Republic (from "Gazeta Cukrownicza," nos. 2, 4 and 6, 1961). G.S. Benin. Sakh. prom. 35 no. 12 65 D '61.

POLARIZATION (LIGHT)

Determining the degree of polarization of the solar corona from observations of the solar eclipse of June 30, 1954. IU. N. Dolginova. Geomag. i aer. 1 no 5 646-649 S-O '61.

Polarization of the outer corona according to observations of the solar eclipse of Feb. 15, 1961 made from and airplane. N. S. Shilova Geomag. i aer 1 no. 5: 650-652 S-O '61

World's palette seen through the microscope. T. Valius. IUn. tekh 5 no. 7:49-50 Jl '61.

POLAROGRAPHY

Behavior of pyramidon under conditions of polarographic differential titration. N. IA. Khlopin, A. A. Bakhareva. Trudy Perm. farm. inst. no. 1:138-141 '59.

Behavior of the system of bromate-bromide-antipyrine under conditions of polarographic differential titration. N. IA. Khlopin, L. G. Gein. Trudy Perm. farm. inst. no. 1, 134-137 '59.

Bromide-chloride as the support for the polarographic determination of tin in the presence of interfering metals F. K. Baev Uch. zap. RGU 41:135-144 '58

Catalytic adsorption pre-wave on polarograms of pyridine solutions. S. G. Mairanovskii, N. V. Barashkova. Izv. AN SSSR. Otd. khim. nauk no. 1:100 Ja '62.

Electrode polarization in the polarographic determination of antimony, bismuth, lead, and tin N. A. Lektorskaia, P. N. Kovalenko Uch. zap. RGU 41 96-105 '58.

Polarographic analysis of commercial zinc benzoate. E. Kh. Rud', S. IA. Skachilova, K. V. Kopylova. Zav. lab. 27 no. 12:1454 '61

Polarographic analysis of some analogs of DDT. N. P. Romazanovich, K. G. Berezina. Zav. lab. 27 no. 12: 1453 '61.

Polarographic determination of methyl-p-toluate in dimethyl terephthalate. IA. I. Turian, IU. A. Vakhrushev. Khim. prom. no 9:65 S '61.

Polarographic determination of small amounts of lead and cadmium in copper electrolytes (rapid method). P. N. Kovalenko. Uch. zap. RGU 41:123-134 '58.

Polarographic determination of the bismuth phosphate solubility product. P. N. Kovalenko, K. N. Bogdasarov. Uch. zap. RGU 41:107-111 '58.

Polarographic studies on the blood serum of animals receiving silicic acid [with summary in English]. Modi and others. Biul. eksp. biol. i med. 52 no. 10:60-63 O '61.

Polarographic study of the composition of complexes of the system Ti(IV) - Ti(III) in hydrochloric acid solutions participating in the electrode reaction. A. G. Stromberg, A. I. Kartushinskaia. Izv. Sib. otd. AN SSSR no. 11:88-97 '61.

Rapid oscillographic polarography of chlorides. V. P. Gladyshev, R. Kal'voda. Zav. lab. 27 no. 12:1450-1452 '61.

Study of the polarogram, volume of coronary blood flow and the electrocardiogram in ligation of the internal thoracic arteries in an experiment [with summary in English]. L. B. Shimeliovich. Kardiologiia 1 no. 6: 31-36 N-D '61.

POLE VAULTING

The plank is raised higher. V. Viren. Sov. voin 43 no. 21:47 N '61.

POLES see subdivision under Turkey

POLEVSKOY REGION—PETROLOGY

Age of rocks of the greenstone stratum of the Polevskoy region in the Central Urals. N. P. Malakhova, P. IA. IAroshevich. Dokl. AN SSSR 142 no. 3:650-652 Ja '62.

POLIANSKII, NIKOLAI NIKOLAEVICH, 1878-1961

In memory of N. N. Polianskii. Izv. vys. ucheb. zav. ; prav. 5 no. 2:194 '61.

POLIOMYELITIS

Clinical aspects of encephalitic forms of poliomyelitis [with summary in English]. M. N. Bessonova, G. I Feller. Sov med. 25 no. 8:77-80 Ag '61.

Comparative study of methods for producing type-specific and polyvalent diagnostic poliomyelitis sera [with summary in English]. N. A Graevskaia, L. N Romanova, A. L. Beliaev. Vop virus. 6 no 5 620-623 S-O '61

Comparative study of the dynamics of the inactivation of a virus in dialyzed and nondialyzed specimens of vaccine against poliomyelitis detoxified with formaldehyde S. G. Dzagurov, G. A. Shmeleva, G. M. Vil'ner. Vop. virus. 6 no 5 616-617 S-O '61.

"Compound treatment of poliomyelitis in children" by S. E. Ganzburg and others. Reviewed by B. M. Brederzon. Vop. kur., fizioter. i lech. fiz. kul't. 26 no. 4: 368-370 Jl-Ag '61.

Pharyngeal paralysis as a clinical form of a disorder of respiration in acute poliomyelitis [with summary in English] V. P. Doroshchuk. Vest. otorin. no. 6:17-21 '61.

Supplementary factors connected with manifestation of the d-factor in poliomyelitis virus. Preliminary report V. I. Agol, M. IA Chumakova, Vop. virus 6 no 5:617-619 S-O '61

Use of transplanted cells of mice embryos (line KEM-La) for the color test [with summary in English]. V. I. Gavrilov, L. N. Kuborina, N. N. Vasil'eva. Vop virus 6 no. 5:563-568 S-O '61.

POLISH LITERATURE—HISTORY AND CRITICISM

"History of Polish literature" by V. B. Obolevich. Reviewed by T. P. Agapkina and others. Lit. slav. nar. no. 6:268-277 '61.

POLISHING, ELECTROLYTIC see Electrolytic polishing

POLITICAL PRISONERS see subdivision under Algeria

POLITICAL SCIENCE see subdivision under Italy

POLITICAL SCIENCE—DICTIONARIES

Nurm, E., E. Ratet, and M. Kindlam, comps. [Dictionary of political and economic terminology] Politika ja majanduse oskussonastik. Tallinn, Eesti Riiklik Kirjastus, 1955. 361 p.

POLITICAL SCIENCE—STUDY AND TEACHING

"Studying the Constitution of the U. S. S. R. in evening (staggered) schools" by G. P. Davydov. Reviewed by L. I. Zakotnova, M. L. Faivishevskaia. Prep. ist. v shkole 17 no. 1:98-100 Ja-F '62

POLLEN

Biochemical evolution of the pollen of angiosperms. N. V. TSinder. Trudy Glav. bot. sada 8:149-161 '61

Free amino acids and sugars in the pollen and anthers of the first generation of Triticum-Agropyron hybrids and their parental forms. T. P. Petrovskaia, N. V. TSinger. Trudy Glav. bot. sada 8:141-148 '61

Histochemical investigation of the i in some angiosperms. V. A. Pod others. Trudy Glav. bot. sada f

POLLINATION see Fertilization

POLONIUM—PHYSIOLOGICAL E

Electrocardiographic changes i of incorporated polonium and in English]. S. P. Grozdov. M '61.

State of the blood system in anir Petrovich. Med. rad. no. 7:58

POLTAVA PROVINCE—COMMUN SOVIET UNION—PARTY WOR

Teachers of Poltava Province p resolutions of the 22d Congres Kyrychenko. Rad. shk. 40 n

POLTAVA PROVINCE—ORPHAN

Manual training in orphanages. 40 no. 1:62-64 Ja '62.

POLTORATSKII, VIKTOR VASIL'

"Seasons of the year" by Viktor by S. Tregub. Oktiabr' 38 no

POLYAMIDES

Production of alcohol soluble pol terphase polycondensation. M. Shpital'nyi. Zhur. prikl. khir D '61.

Stabilization of polyamide mixtures (from "Modern Plastics," no 11, 1960) Plast. massy no 10:71 '61.

POLYCHAETA see subdivision under Black Sea

POLYETHYLENE

Bonding of polyethylene to metals and rubber. A. I. IAkubchik and others. Zhur. prikl. khim. 34 no. 11 2579-2581 N '61.

Extraction of gasoline and inorganic admixtures from polyethylene in rotation apparatus A. M. Ginstling, A. A. Baram. Khim prom no 9 23-28 S '61

Polydispersity and extent of branching of high pressure polyethylene studied by the light scattering method. L. F. Shalaeva, N. M. Domareva Plast massy no 9 10-15 '61.

Shielding properties of water, polyethylene, and plexiglas [with summary in English]. D. L. Broder, A. A. Kutuzov, V. V. Levin. Inzh. -fiz. zhur. 5 no. 2:47-51 F '62

Use of polyethylene film in agriculture. Plast. massy no. 9 69-71 '61.

POLYGLOT DICTIONARIES see Dictionaries, Polyglot

POLYMERIZATION

Polymerization of vinyl butyl ether in an ultrasonic field. V. V. Sal'nikov and others. Zhur. prikl. khim. 35 no. 1:214-217 Ja '62.

Production of alcohol soluble polyamides by means of interphase polycondensation. M. A. Shpital'nyi, A. S. Shpital'nyi. Zhur prikl khim. 34 no. 12:2722-2726 D '61.

Specific polycondensation of amino acid ethers. V. V. Patrikeev, T. D Kozarenko, A. A. Balandin. Izv. AN SSSR. Otd. khim. nauk no 1:170-171 Ja '62.

Synthesis and oxidative polycondensation of 4,4'-diethinylbiphenyl. I. L Kotliarevskii, M. S. Shvartsberg, B. G. Kruglov. Izv. AN SSSR Otd. khim. nauk no. 1:184 185 Ja '62.

POLYMERS

Andrianov, K. A., E. Z. Asnovich, and A. I. Petrashko. [Chemistry of large molecules] Khimiia bol'shikh molekul. Moskva, Izd-vo "Znanie," 1961. 39 p. (Narodnyi universitet kul'tury: Estestvennonauchnyi fakul'tet, no 18)

Building materials made of polymers. A. V. Chuiko. Khim. v shkole 17 no. 1:13-26 Ja-F '62.

Determining the chlorine content in gas collector waters and the recovery in polymers I. M. Usov. Koks i khim. no. 9:57-59 '61.

Economic aspects of the industry of polymerization plastics. T. I. Bakumenko, N. P Fedorenko, F. P Shchukin Plast. massy no. 9 52-56 '61.

Effect of the plasticization of polymers in dependence on the chemical nature and structure of plasticizers. V. A. Voskresenskii, S. S. Shakirzianova. Zhur. prikl. khim. 35 no 1:217-221 Ja '62.

Laboratory plant for the study of the oxidation kinetics of polymers at high oxygen pressures. V. V. Dudorov, A. F. Lukovnikov, E. M. Brazhnikov. Plast. massy no. 10:53-54 '61.

Methods for investigating film materials. P. V. Kozlov. Plast. massy no. 10:4-14 '61.

Methods of preparing monomers and polymers for synthetic fibers manufactured for industrial and experimental purposes. E. A. Abarenkova, E. P. Velikanov. Trudy IREI no. 36:33-51 '61

Pol mon materials in medicine M I Bothin V K

POLYMERS—THERMAL PROPERTIES

New compound method for determining the thermophysical characteristics of polymers and their relation to the parameters of the external medium, i.e., temperature and pressure [with summary in English]. V.O. Fogel', P.G. Alekseev. Inzh.-fiz. zhur. 5 no. 2:35-41 F '62.

Problems involved in the production of heat-resistant polymer materials by pyrolysis. Foam cokes. V.A. Popov and others. Plast. massy no. 9 26-29 '61.

POLYMYXIN

Chemotherapeutic properties of polymyxin M in experimental dysenterial and typhoid infections in white mice [with summary in English]. L.K. Rubtsova, E.K. Berezina. Antibiotiki 6 no. 6:497-501 Je '61.

POLYNEURITIS see Neuritis, Multiple

POLYNOMIALS

Comments on V.A. Steklov's assumption. IA. L. Geronimus. Dokl. AN SSSR 142 no. 3 507-509 Ja '62.

Inequalities for harmonic polynomials. IA. S. Bugrov. Izv. vys. ucheb. zav.; mat. no. 1:73 '62.

Polynomials of best approximation and some of their applications. I.I. Eterman. Izv. vys. ucheb. zav.; mat. no. 1:179 '62.

POLYNOMIALS, BERNSTEIN see Bernstein polynomials

POLYSACCHARIDES

Diagnostic significance of glucide curves [with summary in English]. A.E. Greiser. Sov. med 25 no. 9:62-66 S '61.

Stimulation of nonspecific immunity by means of some bacterial polysaccharides [with summary in English]. Z.V. Ermol'eva and others. Biul. eksp. biol. i med 52 no. 8:77-82 Ag '61.

POLYZOA see subdivision under Black Sea

POMORSKII, ALEKSANDR NIKOLAEVICH, 1891-

Veteran of proletarian poetry. I. Trofimov. Neva no. 7: 182-183 '61.

PONAZYREVO—BANKS AND BANKING

State Bank's business and people. A. IAkovlev. Den. i kres. 20 no. 1:47-49 Ja '62.

PONDOLAND—POLITICS

Pondoland has not been subdued. S. Volk. Az. i Afr. seg. no. 1:28-30, 34 Ja '62.

PONTOON BRIDGES

Pontoon-bridge builders keep their word. K. IAkovlev. Voen. vest. 41 no. 9:26-27 S '61.

River barges form a floating bridge. V. Pedalko, A. Goncharenko. Tyl i snab. Sov. Voor Sil 21 no. 10: 74-75 O '61.

POPLAR—DISEASES AND PESTS

A new genus of plant lice (Homoptera, Aphididae) from the turanga (Populus pruinosa Schrenk) [with summary in English]. M.N. Narzikulov. Dokl. AN Tadzh. SSR 4 no. 4:49-51 '61.

POPULAR FRONTS

Korlunov, V.V. [The strength of the working masses is in their unity] V edinstve-sila trudiashchikhsia mass. Moskva, Gos. izd-vo polit. lit-ry, 1961. 157 p.

PORCELAIN, CHINESE

"Chingtiehcheng porcelain." Reviewed by A.I. Zakharova. Sovr. kit. lit. po obshchestv. naukam no. 44:112-125 '61.

PORCELAIN PAINTING see China painting

POROUS MATERIALS

Method without the use of compression for manufacturing goods of elastic foam plastic based on poly(vinyl chloride). V.A. TSimbalIuk. Plast. massy no. 10:67-68 '61.

Study of "heterophilic" systems. Part I. Resistance of "heterophilic" systems to the action of molecular layers of water. G.D. Dibrov, M.S. Ostrikov. Uch. zap RGU 41 51-67 '58.

PORPHYRIN AND PORPHYRIN COMPOUNDS

Biosynthesis of vitamin B_{12} and porphyrins by propionic acid bacteria. V.N. Bukin, G.V. Mantrova. Vit. res. i ikh. isp. no. 5:32-40 '61.

PORPHYRINURIA

Rare case of congenital hematoporphyrinuria in an 8-year-old girl. T.E. Bogulkina, O.A. Siniavskaia, Pediatriia no. 1:76-70 '62.

PORTAL HYPERTENSION

Surgical treatment of portal hypertension [with summary in English]. F.G. Uglov, T.O. Korlakina. Sov. med 25 no. 6:27-34 Je '61.

PORTAL VEIN—SURGERY

Modified method for angiostomy of the portal vein. N.Sh. Amirov. Fiziol. zhur. 47 no. 12:1507-1509 D '61.

PORTLAND CEMENT see subdivision under Armenia

PORTUGAL—COLONIES—AFRICA see Africa—Portuguese colonies

PORTUGAL—ECONOMIC CONDITIONS

Egorova, N.A. [A country behind bars] Strana za reshetkoi. Moskva, Gos. izd-vo polit. lit-ry, 1961. 61 p.

PORTUGAL—ESCAPES

Eight heroes. Alvaro Cunial. Ogonek 40 no. 5 2-3 Ja '62.

PORTUGAL—FOREIGN RELATIONS

The country where time moves backward. V. Bol'shakov. Mezhdunar. zhizn' 9 no. 2:96-102 F '62.

PORTUGAL—POLITICS AND GOVERNMENT

Egorova, N.A. [A country behind bars] Strana za reshetkoi. Moskva, Gos. izd-vo polit. lit-ry, 1961. 61 p.

POSTAGE STAMPS see subdivision under Mongolia

POSTAL SERVICE—TRANSPORTATION

Popov, D.M., and L.M. Dobryi. [Plans for the dispatching and regulation of mail flows] Plany napravlenila i regulirovanie pochtovykh potokov. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1961. 80 p.

POSTERS

Library posters. Klub 10 no. 6:16-17 Je '61.

Posters of the Teleta community center. Kul't.-pros. rab. 22 no. 6:28-31 Je '61.

POTASSIUM

Determination of disintegration constants of potassium-40 according to the radiogenic argon content in potassium minerals. G. Vezerilli, and others. Biul. Kom. po opr abs. vozr. geol. form. no. 4:93-97 '61.

Photometric determination of potassium and sodium in ammonia-oxygen flame. M.M. Rubinshtein, and others. Biul. Kom. po opr. abs. vozr. geol. form. no 4:109-113 '61.

POTASSIUM CYANIDE—PHYSIOLOGICAL EFFECT

Effect of dinitrophenol and potassium cyanide on the minute volume of the coronary blood flow and cardiac oxygen absorption [with summary in English]. I.E. Klein. Farm. i toks. 24 no. 3:297-300 My-Je '61.

POTASSIUM IN THE BODY

Study of the sequence of distribution of a stimulus in the heart in hyperkaliemia [with summary in English]. V.S. Sal'manovich. Kardiologiia 1 no. 6:18-25 N-D '61

POTASSIUM SALTS

(see also subdivision under Ukraine)

Present-day processes for treating natural potassium salts. R.A. Mandel'. Zhur. prikl. khim. 35 no. 1:3-18 Ja '62.

POTASSIUM SELENOSULFATE

Production of potassium and sodium selenosulfates. G.S. Klebanov, N.A. Ostapkevich. Zhur. prikl. khim. 35 no. 1:186-188 Ja '62.

POTASSIUM TARTRATE

Exchange adsorption of potassium ion from the acid potassium tartrate solution on cation exchangers. A.T. Merkh, IU.S. Kharin. Izv. vys. ucheb. zav., pishch. tekh. no. 5 20-27 '61.

POTATOES

Experimental work of young naturalists from the Trubnikoborsk school. K.M. TSeitlin. Biol. v shkole no. 1: 58-60 Ja-F '62.

Experiments on breeding potatoes by shoots. K.S. Shkol'nyi. Biol. v shkole no. 1:60-63 Ja-F '62.

Uptake and distribution of labeled phosphorus in the potato plant under conditions of foliar feeding. A.I. Grchushnikov, V.P. Kiriukhin. Dokl. AN SSSR 142 no. 3:719-722 Ja '62.

POTENTIAL, THEORY OF

Plotting vapor adsorption isotherms from the vapor adsorption isotherms of a standard substance under the theory of potential. E.N. Serpionova. Izv. vys. ucheb. zav.; khim. i khim. tekh. 4 no. 4:588-593 '61.

Solution of the fundamental boundary value problem for a fourth order polyharmonic equation on a surface using the method of potentials. Part 4. O.I. Panich. Izv. vys. ucheb. zav.; mat. no. 1:118-129 '62.

POTENTIOMETER

Some continuous errors of functional potentiometers. V.A. Volkov. Priborostroenie no. 1:8-10 Ja '62.

Type PPR4 potentiometer. Prom. Arm. 4 no. 11:40-41 N '61.

POTENTIOMETRIC ANALYSIS

Electrometric titration in acid-based determinations. N.IA. Khlopin, N.S. Litvinova. Trudy Perm. farm. inst. no. 1:142-147 '59.

Mercurimetry in the potentiometric determination of chlorides. Z.I. Ivanova, P.N. Kovalenko. Uch. zap. RGU 41 113-122 '58.

Potentiometric determination of acids in mixtures of cellulose acetate production. E.A. Emelin, G.P. Svistunova. Zav. lab 27 no. 12:1456-1459 '61.

Production control of 2,4-dichlorophenoxyacetic acid by potentiometric titration in a nonaqueous medium. E.A. Gribova. Zav. lab. 27 no. 12 1455-1458 '61.

POTTERY

(see also subdivision under Ivye)

Reaction of strontium and lead glazes with a faience crock. IU.G Shteinberg, K.K. Evstrop'ev. Zhur. prikl. khim. 34 no. 11 2413-2419 N '61.

POULTRY

(see also subdivision under Kanevskaya District)

Bogdanov, M.N., and N.Sh. Iofe. [Raising chicken for meat] Vyrashchivanie miasnykh tsypliat. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1961. 87 p.
(DA)

Prikhod'ko, V.A. [Hello, Anna Andreevna!] Zdravstvuite, Anna Andreevna! [Moskva] Mosk. rabochii, 1961. 63 p.
(DA)

Shibalov, A.N., and S.G. Raskin. [One million domestic fowl] 1000 000 golov ptitsy. [Leningrad] Lenizdat, 1960. 90 p.
(DA)

Smetnev, S.I., ed. [Chickens for meat] TSypliata na miaso. Moskva, Izd-vo M-va sel'. khoz. RSFSR, 1960. 107 p.
(DA)

POULTRY—FEEDING AND FEEDS

Estimating the effectiveness of the use of vitamin B_{12} in the food rations of hens and chicks. O.I. Maslieva. Vit. res. i ikh isp. no. 5:283-309 '61.

Relationsip between vitamin B_{12} and antibiotics in animal nutrition. A.R. Valdman. Vit. res. i ikh. isp. no. 5:269-282 '61.

POULTRY BREEDING—CONGRESSES

Conference on the use of ultraviolet radiation for increasing the productivity of poultry and livestock raising. G.M. Zimina. Svetotekhnika 8 no. 1:29-30 Ja '62

POULTRY HOUSES AND EQUIPMENT see subdivision under Moscow

POWDER METALLURGY

Preparation of powder specimens for electron microscope inspection. S.T. Prokhorov. Zav. lab. 27 no. 12:1496 '61

POWER ENGINEERING

(see also subdivision under Kazakhstan)

Neporozhnii, P.S. [Electrification and power engineering construction] Elektrifikatsiia i energeticheskoe stroitel'stvo. Moskva, Gos. energ. izd-vo, 1961. 199 p.

POWER PLANTS, STEAM see Steam power plants

POWER PRESSES

Automatic control of auxiliary operations on presses. V. IA. Vinokurov. Mekh. i avtom. proizv. 15 no. 1: 22-24 Ja '62.

Five hundred ton capacity double-crank press. Mashinostroitel' no. 1 35 Ja '62.

Semiautomatic press for stamping lubrication grooves. I.I. Karpiles. Avt. prom. 27 no. 12:39-40 D '61.

POWER RESOURCES

(see also subdivision under Kara-Kalpak)

Geothermal power sources (from "Energie," no. 5, 1960). L.G. Popov. Vest. elektroprom. 31 no. 10:70 O '60.

Optimum utilization of the fuel power balance. V. Chernavskii. Plan. khoz. 39 no. 2:62-69 F '62.

Problem concerning the economic effectiveness of the utilization of secondary power resources. L.E. Vaizel'. Prom. energ. 15 no. 6:6-7 Ag '60.

PRACTICE TEACHING see Student teaching

PRAGUE—CONSERVATORIES OF MUSIC

Anniversary of the Prague Conservatory. L. Ginzburg. Sov. muz 25 no. 12 120-121 D '61.

PRAGUE—MUSIC FESTIVALS

At the Prague Festival. Sov. muz. 25 no. 8:126-127 Ag '61.

PRECAST CONCRETE

(see also subdivision under Volga Hydroelectric Power Station (Lenin))

The heating of concrete articles in periodic autoclaves. N.B. Marilamov. Sbor. trud. NIIZHelezobetona no. 2: 37-67 '59.

Machine tool for molding concrete insertion pieces. Stroitel' no. 11 insert:2 N '61.

Study of the structural properties of autoclaved silicate concrete. V.N. Gusakov. Sbor. trud. VNIINSM no. 2: 205-232 '60.

Technology of manufacturing precast reinforced concrete elements. B.F. Mikulovich. Energ. stroi. no. 20:48-52 '61.

PRECAST CONCRETE (Continued)
Ways to improve mold manufacture of large reinforced concrete slabs for apartment houses IU B. Monfred Izv. ASIA no. 2 49-59 '61.

PRECAST CONCRETE—TESTING
(see also subdivision under Taburishche)
Inspecting the quality of reinforced concrete elements using a radiometric method. V A Volokhov, S IA Vartazarov, A. A. Orekhov. Energ stroi. no 20 62-64 '61.

PRECAST CONCRETE CONSTRUCTION
(see also subdivision under Dneprodzerzhinsk Hydroelectric Power Station, Dnieper-Krivoy Rog Canal; Georgia; Kaunas Hydroelectric Power Station; Kremenchug Hydroelectric Power Station, Volga Hydroelectric Power Station (22d Congress of the CPSU)
Analysis of causes of the collapse of precast cornices and frontons completed on previously frozen concrete A. I. Obolonin. Sbor. nauch. trud. TISI 0:89-94 '61.
Earthquake-resistant properties of buildings made of large blocks of coarse-pored concrete V. A. Voronkov. Trudy TSNIISK no 6 154-164 '61
Efficiency of using precast reinforced concrete in hydraulic construction. E. F Freigofer Energ. stroi. no 20 68-69 '61.
Joints of precast reinforced concrete elements in thermal electric plants N. A. Pereslavtsev Energ. stroi no. 20 70-72 '61.
Precast reinforced concrete tanks for petroleum and petroleum products. I. Kolokol'tsova Stroitel' no. 11: 3-4, 12-13 N '61.
Strengthening reinforced concrete elements of a frame for a multistory industrial building V. N. Malakulin. Sbor. nauch. trud. TISI 8:37-44 '61.
Study of the combined functioning of prestressed reinforced concrete elements and keramzit concrete. IA. G. Sungatullin. Trudy NII prom. zdan i soor. no. 3:42-71 '60.
Use of precast reinforced concrete in plans for the hydroelectric power stations on the Dnieper River. IU. V Shreder. Energ. stroi. no. 20,16-22 '61.
Water supply structures made of large slabs. B. Beletskii. Stroitel' no. 11:5-7 N '61.

PRECAST CONCRETE CONSTRUCTION—CONGRESSES
Use of precast concrete and precast reinforced concrete in hydraulic construction Energ stroi. no 20:3-8 '61.

PRECAST CONCRETE CONSTRUCTION—TESTING
Inspection throughout the assembly of precast reinforced concrete elements. N F. Guzenkov, L A. Smirnov. Energ. stroi. no. 20,128-130 '61.

PRECIPITATION (METEOROLOGY)
(see also subdivision under Altai Mountains; Buzuluk Pine Forest; Tien Shan; Valdai Hills)
Use of ionites for concentrating artificial radioactive isotopes contaminating atmospheric precipitations. G. A. Sereda, V. B. Chumichev. Atom. energ. 12 no. 1:66-67 Ja '62.

PRECIPITATION (METEOROLOGY)—MEASUREMENT
Increasing the precision of results obtained in comparing the amounts of precipitation in afforested and woodless areas. L. P. Kuznetsova. Trudy GGO no. 111:77-80 '61.

PRECISION CASTING
Flaskless precision casting of blocks. Sh. M. Zangurin, N. V. Gordeev, V. D. TSyngalov. Prom. energ. 16 no. 7:7-8 Jl '61.

PREFABRICATED BUILDINGS see Buildings, Prefabricated

PREGNANCY
Characteristics of the course of pregnancy and management of labor in women with large fetuses. S L. Vashchilko Akush. i gin. no. 5:72-78 '61.
Effect of pregnancy on the content of silicon, aluminum and titanium in the liver and blood flowing from the liver in experiments on angiostomized dogs [with summary in English]. V. R. Sreoka, E. P. Grebennikov. Biul. eksp. biol. i med. 52 no. 8:62-64 Ag '61.
Maternal tolerance to the Rh factor. R. A. Avdeeva. Probl. gemat. i perel. krovi no. 11:24-28 '61.
Popova, G. F. [Hygiene for pregnant and nursing women] Gigiena beremennoi i kormiashchei grud'iu. Moskva, Medgiz, 1960. 30 p. (Nauchno-populiarnaia meditsinskaia literatura)
(DNLM)
Repeated serological examination of pregnant women is not expendient. Z. A. Ordovskaia, B. I. Frenkel'. Vest. derm. i ven. no. 1:59-60 '62.
Repeated Wassermann examination of pregnant women has lost its practical value. V. A. Vedernikov. Vest. derm. i ven. no. 1:62-63 '62.
Repeated Wassermann examination of pregnant women is necessary. P. I. Kholodil. Vest. derm. i ven no. 1: 61 '62.
Repeated Wassermann examination of pregnant women is not necessary. M. I. Prokhorenko. Vest. derm. i ven. no. 1:62 '62.
Repeated Wassermann examination of pregnant women is superfluous. Z P. Poliakova, G. IA Travin, S I Brodskii Vest derm i ven. no 1:60-61 '62.
Role of early general reactions of the mother's body in the mechanism of fetal injury from ionizing radiations. N. A. Kalinina. Med. rad. no. 6:58-62 '61.

PREGNANCY, COMPLICATIONS OF
Bekker, S. M., and S. G. Khaskin, eds. [Women's clinic] Zhenskaia konsul'tatsiia. [Leningrad] Medgiz, 1961. 149 p
(DNLM)
Course and outcome of pregnancy and labor in Itsenko-Cushing syndrome. M M Shashin. Akush i gin. no 5 78-81 '61
Immunological diagnosis of toxoplasmosis in obstetrics. L. I Gracheva. Akush i gin no 5 112-115 '61.
Incidence, causes of prematurity and early death of premature children [with summary in English]. A. I. Egorova Pediatriia 40 no 12:12-15 D '61.
Lupus erythematosus and pregnancy. I I Lelio. Akush i gin no. 5 115-117 '61.

PREGNANCY, EXTRAUTERINE
Abdominal pregnancy of 37-38 weeks terminated by the extraction of a live infant. A. A. Nikitina Akush. i gin no. 5 120-121 '61
Bilateral extrauterine pregnancy in a nursing mother diagnosed as intestinal obstruction. G. Z. Asadov, M. D. Vezirov. Sov. med. 25 no. 8:140 Ag '61.
Extra-uterine pregnancy. R. IA Danilevich, V. S. Khrustal'kov. Akush. i gin. no 5:121-122 '61.
Secondary abdominal pregnancy of the sixth month of five years duration. N. P. Simonova. Akush. i gin no 5: 120 '61.

PREGNANCY, PROTRACTED
Treatment of protracted pregnancy [with summary in English] V. A. Lukashchuk Akush. i gin no 5:59-63 '61.

PRESCHOOL EDUCATION see Education, Preschool

PRESS
(see also subdivision under Ukraine)
"The Bolshevik press and the theater" by E. Gugushvili, A. IUfit. Reviewed by IAkovlev. Teatr 23 no. 1: 164-166 Ja '62.

PRESSES, POWER see Power presses

PRESTRESSED CONCRETE
Experimental studies of the functioning of the precast prestressed buttress of a dam. A. D. Osipov, S V. Sharkunov. Energ. stroi. no 20:53-56 '61.
Precast test tables without foundations for manufacturing prestressed concrete elements, and their strength. A. K. Ermakov. Sbor. nauch. trud. TISI 8:62-68 '61.

PRESTRESSED CONCRETE CONSTRUCTION
Stretch to strengthen. L Fedorov. Znan. sila 37 no. 1: 20-22 Ja '62.

PREVENTION OF CRIME see Crime prevention

PRICES
(see also subdivision under Rumania)
Mitrofanova, N. M. [How prices for goods are determined in our country] Kak obrazuetsia tsena na tovary v nashei strane. Pod obshchei red. L. A. Leont'eva. [Moskva] Mosk. rabochii, 1961. 47 p. (Osnovy ekonomicheskikh znanii - kazhdomu rabochemu)

PRICES—STATISTICS
Ways of improving the statistics of prices. S. Stoilarov. Vest. stat no. 1:16-23 '62.

PRIMITIVE MAN see Man, Primitive

PRIMITIVE SOCIETY see Society, Primitive

PRINTING see subdivision under Georgia

PRINTING—HISTORY
"The book; studies and materials." Reviewed by I. IA. Kahanov. Rud. lit. 5 no. 4:146-151 Jl-Ag '61.

PRIPET VALLEY—CHLORIDES
Chlorine content of Devonian terrigenous and terrigenous-carbonate deposits of the Pripet downwarping. V. A. Laput'. Dok. AN BSSR 5 no. 11:506-510 N '61.

PRIPET VALLEY—SALT DOMES
Some characteristics of the manifestation of salt tectonics in the Pripet Depression. Z. A. Gorelik. Dokl. AN BSSR 5 no. 12:564-567 D '61.

PRISHVIN, MIKHAIL MIKHAILOVICH, 1873-1954
"Forget-me-nots" by M. Prishvin. Reviewed by I. Motiashov. Vop. lit. 5 no. 8:214-217 Ag '61.

PRISONS
The subject of Soviet corrective labor law. L. Bahriti-Shakhmatov. Rad. pravo no. 4:111-114 Jl-Ag '61.

PROBABILITIES
Measuring the action effectiveness of a stimulus repeatedly applied E N Sokolov, M. B. Mikhalevskaia. Vop. psikhol. 7 no 5 183-188 S-O '61.
Perception as a probability process [with summary in English] L. Arana. Vop psikhol. 7 no 5 47-62 S-O '61.
Solution of thought problems as a probability process [with summary in English]. O K. Tikhomirov Vop. psikhol. 7 no 5 63-76 S-O '61

PROBLEM SOLVING
Graphic comparison of the logically assumed and the actual course of the solution of problems [with summary in English]. A. N. Sokolov. Vop. psikhol. 7 no. 6:77-92 N-D '61.
Mental operations during the process of conscious problem solving [with summary in English]. L. L. Gurova. Vop. psikhol. 7 no. 6:93-104 N-D '61.
Solution of work problems from memory without reliance on models [with summary in English]. N. I. Kuvshinov. Vop. psikhol. 7 no. 6:55-62 N-D '61.

PROCOPIUS, OF CAESAREA
The taking of Rome by Alaric. R. Benedikt. Viz. vrem. 20,23-31 '61

PROCTOSIGMOIDOSCOPY
Differential diagnostic significance of rectoromanoscopy in salmonellosis and dysentery [with summary in English]. M. S. Greshil. Sov. med. 25 no. 6:101-104 Je '61.

PRODUCE TRADE
(see also subdivision under Ukraine)
Developing the legal forms of the produce trade. M. Bobrov Rad. pravo no. 4:16-23 Jl-Ag '61
Development of commission trade with agricultural produce. S. D. Zhdanova. Sbor. nauch rab Len inst. sov. torg. no. 10:90-105 '60.
Prepare for the new season. M. Bekel'man. Sov. torg. 35 no. 2:12-15 F '62.
Price, quality and grade. I. Bezuglov, I. Salimzhanov. Sov. torg. 35 no. 1:5-9 Ja '62.
Substantiating trade plans for produce of suburban origin. M. A. Zavilovich. Sbor. nauch. rab. Len. inst. sov. torg. no. 10:65-76 '60.

PRODUCE TRADE—ACCOUNTING
How to simplify the settling of accounts with vegetable and fruit suppliers. R. Abdullaev. Sov. torg. 35 no. 1: 43-44 Ja '62.

PRODUCTION CONTROL
Electronic calculating machines for accounting and control in the chemical industry abroad. V V. Lukin, Z. V. Kirfianova. Khim. i tekh. topl i masel 7 no. 2:49-52 F '62

PRODUCTION-LINE METHODS see Assembly-line methods

PRODUCTION STANDARDS
(see also subdivision under Moldavia)
Manusevich, A. M. [Establishment of work norms and wages in socialist industrial enterprises] Normirovanie truda i zarabotnaia plata na sotsialisticheskikh promyshlennykh predpriiatiiakh. Minsk, Gos. izd-vo BSSR, Red. sotsial'no-ekon. lit-ry, 1961. 31 p. (Dlia slushatelei nachal'nykh ekonomicheskikh shkol i kruzhkov na promyshlennykh predpriiatiiakh, no. 5)

PRODUCTIVITY ACCOUNTING see subdivision under Ukraine

PRODUCTS, IN'
Some partial products, no. 1:1

PROGI
Akad
proc
proc

Auxil
L. K
67

Conc
grai
of w
prei
7 n

Ersh
for
rui
"Str
skvi

Findi
ces
R. I.

Meth
kib.

PROGRAMMING (ELECTRONIC COMPUTERS) (Continued)

Resolution of algebraic-differential algorisms on electronic computers. V. A. Shurygin, N. N. IAnenko. Probl. kib. no. 6:33-43 '61.

Specific features of coding and programming the algorism of morphological analysis for the Russian language on the "Kiev" electronic computer N. M. Grishchenko Probl. kib. no. 6, 289-297 '61

PROJECT METHOD IN TEACHING

Degree project is done at a poultry farm. N. P. Tretiakov Vest. vys. shkoly 20 no 1 78-79 Ja '62

Laboratory work under the conditions of an academic consultation center A. A Samoilov Vest vys. shkoly 20 no 1 79-80 Ja '62

PROJECTIVE GEOMETRY see Geometry, Projective

PROKOF'EV, SERGEI SERGEEVICH, 1891-1953

Boganova, T. V. [Russian national traditions in the music of S. S. Prokof'ev] Natsional'no-russkie traditsii v muzyke S. S. Prokof'eva. Moskva, Sovetskii kompozitor, 1961. 164 p.

Characteristics of an epic symphony. R. Frid. Sov. muz. 25 no. 8:41-44 Ag '61.

Prokof'ev and Schonberg. M Skorik. Sov. muz. 26 no.1 34-36 Ja '62

Versions of "Duenna." L. Danko. Sov. muz. 25 no. 8:37-41 Ag '61.

PROMEDOL

Combined treatment of concussion of the brain with promedol. Z. Kh. Ikramov. Vrach. delo no. 12:148-149 D '61.

PROPAGANDA

Skillful organization determines the success of propaganda. M Myslivtsev, P Zhilin. Part. zhizn' no 3 25-29 F '62

PROPAGANDA, BRITISH

Propaganda mechanism of British imperialism. S. Beglov. Mir. ekon i mezhdunar. otn no. 1:128-136 Ja '62.

PROPANE

Catalytic dehydrogenation of propane and ethane. V. V. Kel'tsev, N. I. Vinnikova. Trudy VNIIGAZ no. 12:187-194 '61.

Incomplete oxidation of ethane and propane in electrical charges. S. F. Gudkov Trudy VNIIGAZ no. 12:133-142 '61.

PROPELLERS

Operation of ship propellers in shallow water. A. Kartyshov. Rech transp. 20 no. 11:25-26 N '61

PROPELLERS, AERIAL

IUr'ev, B. N. [Selected works] Izbrannye trudy. Moskva, Izd-vo Akad nauk SSSR.
Vol. 1. [Propellers. Helicopters] Vozdushnye vinty. Vertolety. 1961. 551 p.

PROPELLERS, AERIAL—AERODYNAMICS

Effect of the stream curvature on the operation of a propeller blade [with summary in English]. N. N. Polia-khov. Vest. LGU 17 no. 1:134-141 '62.

PROPENE

Alkylation of toluene with propylene on solid catalysts. V. G. Telegin, V. A. Sidorov. Khim. prom no. 11 807-809 N '61.

Compression molding of films from polypropylene. B. A. Gromov, V. B. Miller, IU. A. Shlapnikov. Plast. massy no. 10:66 '61.

Polypropylene fiber ("Modern Plastics," no. 2, 1961). Plast. massy no. 10:71 '61.

Radioactive tracer technique in investigating the mechanism of oxidation of propylene to acrolein on a cuprous oxide catalyst. O. A. Golovina, O. V. Isaev, M. M. Sakharov. Dokl. AN SSSR 142 no 3 619-622 Ja '62.

Self-hydrogenation of C_2H_4 and C_3H_6 in a separate and simultaneous chemisorption of these gases on Pt, Pd, and Ni films. A. G. Popov, R. E. Mardaleishvili Vest. Mosk. un. Ser. 2 Khim. 17 no 1:34-38 Ja-F '62.

PROPERTY

Two forms of socialist property in the U. S. S. R. and their development. V. K. Lohvynenko. Zbir. nauk. prats' Kaf. polit. ekon. Kyiv un. no. 3:31-49 '59.

PROPIONIBACTERIUM

Producing vitamin B_{12} by cultivating propionic acid bacteria on sulfite liquor. V. A. Utenkova, A. V. Zelenshchikova, M. IA. Kaliuzhnyi. Vit. res. i ikh isp. no. 5:73-81 '61.

PROROKOV, BORIS IVANOVICH, 1911-

Fiery talent. IUn. tekh. 5 no. 7:30-32 Jl '61.

PROSECUTORS, PUBLIC see Public prosecutors

PROSTATE GLAND—BLOOD SUPPLY

Anatomy of intraorganic lymphatic and blood vessels of the human prostate [with summary in English]. A. I. Ivanov Arkh anat. gist i embr 41 no. 9 39-42 S '61.

PROSTATE GLAND—CANCER

Result of hormone therapy of prostate gland cancer with metastases. N. V. Kuz'mnoi. Vop. onk 7 no. 5:88-90 '61.

PROSTATE GLAND—TUBERCULOSIS

Clinical aspects and treatment of cavernous tuberculosis of the prostate gland [with summary in French] V. D. Grund. Probl tub. no 5:57-60 '61.

PROSTIGMINE

The proserine test is a simple and accessible method for functional diagnosis in pancreatic diseases N. A. Zhukov. Sov. med 25 no 9:103-105 S '61.

PROTEASE

Protease activity of turf-Podzolic soils and the effect of the organic matter of peat on it. R. M. Latypova. Dokl. AN BSSR 5 no. 12,582-584 D '61.

Proteolitic activity of peat soils. V. F. Kuprevich, T. A. Shcherbakova. Dokl. AN BSSR 5 no. 12:579-581 D '61.

Proteolitic enzymes in the seeds of leguminous plants. N. A. Kudriashova. Trudy Glav. bot. sada 8:60-74 '61.

PROTECTIVE COATINGS

Borisenko, A. I. [Protection of niobium from high temperature gas corrosion] Zashchita niobiia ot vysokotemperaturnoi gazovoi korrozii. Otvet red A. A. Appen. Moskva, Izd-vo Akad. nauk SSSR, 1961. 39 p.

New measures for controlling the corrosion of station marks and bench marks. M. S. Uspenskii Geod. i kart no. 11 17-19 N '61.

Thickness gauge for coatings. D I. Zigberman. Bumagodel. mash. no. 9:184-186 '61.

PROTEIN METABOLISM

Changes in protein metabolism in animals in acute radiation sickness I V. Fedorov. Med rad. no. 9:82 '61.

Participation of vitamin B_{12} in the protein metabolism of Escherichia coli. L. IA. Areshkina and others. Vit. res. i ikh isp. no. 5, 19-31 '61.

Role of vitamin B_{12} in increasing the effectiveness of parenteral feeding with protein hydrolysate in case of surgical traumas. V. V. L'vova, N. A. Fedorov. Vit. res. i ikh isp. no. 5:261-268 '61.

Some data on the assimilation by the body of protein hydrolysate products. N. A. Rzaev, T. D. Gaibov, G. A. Guseinov. Probl. gemat. i perel. krovi no. 11:41-47 '61.

PROTEINS

Biochemical evolution of plants. A. V. Blagoveshchenskii. Trudy Glav. bot. sada 8:3-7 '61.

Bonds formed between diketopiperazines and amino acids. L. N Akimova Khim. belka no. 1 89-140 '61

C-reactive protein as an index of the activity of the inflammatory process in some diseases [with summary in English]. P. M. Pashinin. Sov. med 25 no 6:61-66 Je '61.

Clinical use of protein hydrolysates. E. I. Atakhanov, A. M. Kharat'ian. Med. zhur. Uzb. no. 6:5-11 Je '61.

Diagnostic importance of C-reactive protein in rheumatism. L. I. Morozova Vrach. delo no. 12:58-61 D '61.

Diketopiperazines, structural elements of the protein molecule (diketopiperazine theory of protein structure). L. N. Akimova Khim. belka no. 1:35-88 '61

Effect of organic-mineral fertilizers on the protein content of winter wheat. P. E. Sudnov, G. K. L'gov. Zemledelie 23 no. 12:67-70 D '61.

Evolution of proteins in the seeds of leguminous plants. A. V. Blagoveshchenskii, E. G. Aleksandrova. Trudy Glav. bot. sada 8:8-46 '61.

Fermentation synthesis of protein (plastein formation). K S. Makarov. Khim. belka no. 1 256-268 '61

General theory of protein structure. N. I. Gavrilov. Khim. belka no. 1:10-34 '61.

Importance of C-reactive protein in estimating the activity of a tuberculous process. M. K. Kul'matov, U. K. Vakhabova, S. A. Aripov. Med. zhur. Uzb. no. 6:37-39 Je '61.

Ivtnov, I. D. [Polarography of proteins, enzymes, and amino acids] Poliarografiia belkov, enzimov i aminokislot. Moskva, Izd-vo Akad. nauk SSSR, 1961. 254 p.

Luminescence of aromatic amino acids and proteins in solutions in connection with their excitation in short-wave ultraviolet fields. E. A. Burshtein. Biofizika 6 no. 6:753-763 '61.

Possibilities of X-ray evaluation of some models of muscle contraction [with summary in English]. L. L. Razumov. Biofizika 6 no. 6:650-661 '61.

Problem of protein. N. D. Zelinskii. Khim. belka no. 1:7-9 '61.

Prolonged afterglow of proteins and amino acids at room temperature. Report No. 1. Kinetics of the afterglow of proteins and amino acids. S. V. Konev, M. A. Katibnikov Biofizika 6 no. 6:638-644 '61.

Protein and carbohydrate content in the amniotic fluid during labor [with summary in English] S. L. Keilin, G. B Kravtsova, V I. Leitan Akush i gin no 5 55-59 '61.

Protein complex of wheat grain and its changes in remote hybridization. N. A. Tiunova Trudy Glav bot sada 8: 113-140 '61.

Protein hunters. V. Elagin. IUn. nat. no. 12:8-10 D '61.

Proteins in seeds of the Siberian pea tree and the cowpea. L. B. Shemetaite. Trudy Glav. bot. sada 8:47-59 '61.

Reduction of proteins as a method for determining their structure. N. A. Poddubnaia. Khim. belka no 1,141-190 '61.

Spectrophotometry of biuret complexes as a method for investigating polypeptides and proteins. M. I. Plekhan. Khim belka no. 1 191-244 '61

Thermodynamics of protein denaturation. V. IU. Urbakh. Biofizika 6 no. 6, 748-750 '61.

X-ray diffraction studies of biological objects. L. L. Razumova. Zhur. strukt khim. 2 no. 3:337-345 My-Je '61.

PROTEINS IN THE BODY

Correlation of protein fractions of the cerebrospinal fluid and the blood serum in patients with multiple sclerosis. A. L. Leonovich, F. A. Rogotinskaia. Dokl. AN BSSR 5 no. 12:589-591 D '61.

PROTHROMBIN

Method for determining the prothrombin blood index. E. D. Rozhdestvenskaia-Shmidt Sov. med. 25 no. 7 47-49 Jl '61.

PROTONS

Kazanskii, G. S., and others. [Methods for changing the duration of the interaction between the beam and the target in a synchrophasotron at 10 Bev.] Metody izmeneniia dlitel'nosti vzaimodeistviia puchka s mishen'iu v sinkhrofazotrone na 10 Bev. Dubna, Ob"edinennyi in-t iadernykh issl., 1961 17 p. [With summary in English]

Lushchikov, V. I., A. A. Manenkov, and IU. V. Taran. [Dynamic polarization of protons in hydrogen peroxides and tertiary butyl] Dinamicheskaia poliarizatsiia protonov v perekisiakh vodoroda i tretichnogo butila. Dubna, Ob"edinennyi in-t iadernykh issl., 1961, 7 p. [with summary in English]

PROTONS—PHYSIOLOGICAL EFFECT

Relative biological effectiveness of 660 Mev protons. E. B Kurliandskaia and others. Dokl. AN SSSR 142 no. 3:702-705 Ja '62.

PROTONS—SCATTERING

Inelastic interaction of 660 Mev. protons and carbon nuclei [with summary in English]. A. P. Zhdanov, P. I. Fedotov. Zhur. eksp i teor. fiz. 41 no 6:1870-1878 D '61.

Nikanovrov, V. I., and others. [Measurement of the spin correlation coefficient C_{kp} for proton-proton scattering at an energy of 660 Mev.] Izmerenie koeffitsienta spinovoi korreliatsii C_{kp} dlia (p-p) - rasseianiia pri energii 660 Mev. Dubna, Ob"edinennyi in-t iadernykh issl., 1961. 8 p. [With summary in English]

Proton-proton scattering at an energy of 6, 6 Bev. [with summary in English]. Do In Seb and others. Zhur. eksp. i teor. fiz. 41 no. 6:1748-1756 D '61.

PROTOZOA

Lessons on the subject "Protozoa." L. A. Lutskaia. Biol. v shkole no. 1:29-33 Ja-F '62.

PROVERBS see subdivision under Germany, East

PROVERBS, ORIENTAL

"Proverbs and sayings of the peoples of the East." Reviewed by E. Pomerantseva. Sov. etn no. 5:185-186 S-O '61.

PRUT VALLEY—ARCHAEOLOGY

Population of the southwestern part of the U. S. S. R. in the first and the beginning of the second millennium A. D. [with summary in English]. G. B. Fedorov. Sov. etn. no. 5, 80-106 S-O '61.

PSKOV PROVINCE—AGRICULTURAL LIBRARIES

Fruitful cooperation. D. Chernyshev. Bibliotekar' no. 2: 19-20 F '62.

PSKOV PROVINCE—LIBRARIES AND READERS

Friends of books in a campaign. V. Novikov. Bibliotekar' no. 2:23-24 F '62.

PSKOV PROVINCE—RURAL LIBRARIES

Promoting agricultural knowledge. A. Razumovskii. Bibliotekar' no. 2:16-18 F '62.

PSORIASIS

Psoriasis and ankylosing spondylitis. G. Kh. Kogon. Sov. med. 25 no. 10:131-134 O '61.

Treatment of patients with psoriasis with vitamin A and irradiation with a mercury-quartz lamp [with summary in English]. I. N. Vedrova. Sov. med. 25 no. 8:111-113 Ag '61.

X-ray picture of changes in the osteoarticular apparatus in psoriasis. G. Kh. Kogon. Klin. med. no. 1:116-123 '62.

PSYCHOLOGICAL SOCIETIES

In the Presidium of the Central Council of the Society of Psychologists. B. G Ananʹev. Vop. psikhol 7 no 5 189-190 S-O ʹ61.

PSYCHOLOGY, EDUCATIONAL see Educational psychology

PSYCHOLOGY, MILITARY

From the history of military psychology in Russia M. Dʹiachenko, N. Fedenko. Voen.-ist zhur. 3 no 9: 111-118 S ʹ61.

"Psychology (Essays on problems in the training and education of Soviet soldiers)" by G. D. Lukov. Reviewed by A. V. Barabanshchikov and others. Vop. psikhol. 7 no. 6:179-182 N-D ʹ61.

PSYCHOLOGY OF LEARNING see Learning, Psychology of

PSYCHOPHARMACOLOGY

Moscow. Gosudarstvennyi nauchno-issledovateľskii institut psikhiatrii. [Modern methods of treating mental illness, methodological materials for aiding the practicing physician] Sovremennye metody lecheniia psikhicheskikh zabolevanii; metodicheskie materialy v pomoshchʹ prakticheskomu vrachu. Pod red. L. L. Rokhlina i G. K. Tarasova. Moskva, 1961. 67 p. (DNLM)

PSYCHOSES

Delimitation of presenile psychoses from other age-related forms and cerebral atherosclerosis. P. D. Fridman. Trudy Gos. nauchno-issl. inst. psikh. 22:231-241 ʹ60.

PSYCHOTHERAPY

Practical psychotherapy. A. K. Poplavskii. Vrach. delo no. 6 138-139 Je ʹ61.

Psychotherapy in the clinical aspects of cerebral arteriosclerosis. I. M. Vish. Trudy Gos. nauchno-issl. inst. psikh. 22:426-435 ʹ60.

PTUKHA, MIKHAIL VASILʹEVICH, 1884-1961

Mikhail Vasilʹevich Ptukha, obituary. Ekon. Sel. Khoz. no. 6 131 N-D ʹ61.

PUBLIC BUILDINGS

Grits evskii, B. P. [Public and industrial buildings] Grazhdanskie i promyshlennye zdaniia. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit USSR, 1961 433 p.

PUBLIC HEALTH

(see also subdivision under Africa; Agdam District; Altai Mountains; Ashkhabad; Austria; Azerbaijan; Baku; Ivanovo Province; Kirov Province; Moscow, Norilʹsk region; Orel Province; Pokrovskoye District, Dnepropetrovsk Province; Ukraine; Uzbekistan, Virgin Territory)

Fighting disease and old age. A. Safonov. Polit. samoobr 5 no. 7:87-92 Jl ʹ61.

Important source for the evaluation of the quality of medical attendance for the population. Z. E. Shtraus. Zdrav. Ros. Feder 5 no 12:30-33 D ʹ61.

Medical cybernetics for Soviet public health [with summary in English]. L. E. Polikov. Sov. zdrav. 20 no. 8:27-31 ʹ61.

Message to the First Secretary of the Central Committee of the CPSU comrade Nikita Sergeevich Khrushchev. Med. zhur. Uzb. no. 8:3-4 Je ʹ61.

Moscow. Institut organizatsii zdravookhraneniia i istorii meditsiny imeni N. A. Somashko. [Leninist ideas on guarding public health] Leninskie idei ob okhrane zdorovʹia naroda. Moskva, Medgiz, 1961. 81 p.

Program of great objectives. Zhur. ush., nos. i gorl. bol. 21 no. 5 3-5 S-O ʹ61.

Public health. Sov. zdrav. 20 no. 7:3-6 ʹ61.

Technical progress and public health problems. Z. I. Izraelʹson. Sov. zdrav. 20 no. 8:8-13 ʹ61.

PUBLIC HEALTH—STATISTICS

Basic indices of the development of the Public Health Service of the R. S. F. S. R. up to the beginning of 1961. V. I. Ivakina. Zdrav. Ros. Feder. 5 no. 12:42-43 D ʹ61.

PUBLIC HEALTH, RURAL

(see also subdivision under Abkhazia; Armash, Armenia, Moldavia; Samarkand Province)

Problems of sanitation and hygiene in rural water supply based on the experience of Soviet congresses on water supply. V. I. Tochilov. Azerb. med. zhur. no. 7:75-80 Jl ʹ61.

Structure and level of attendance of the rural population at medical and therapeutic institutions. P. I. Kalʹin and others. Sov. zdrav. 20 no. 7 17-22 ʹ61.

PUBLIC HEALTH RESEARCH

In the Presidium of the Scientific Medical Council of the Ministry of Public Health of the R. S. F. S. R. Biul. Ucb. med. sov. 2 no. 6:38-41 N-D ʹ61.

Topic outline of scientific research carried out by young hygienists of the Leningrad Medical Institute of Sanitation and Hygiene. A. IA. Gutkin. Biul. Uch. med. sov. 2 no. 8:30-32 N-D ʹ61.

Ways of broadening sanitary and hygienic research; organizing business accounting evaluations of laboratories in preventive medicine institutes of the Ministry of Public Health of the R. S. F. S. R. Z. E. Grigorʹev. Biul. Uch. med. sov 2 no. 6:27-29 N-D ʹ61.

PUBLIC HEALTH SOCIETIES see subdivision under Uzbekistan

PUBLIC OWNERSHIP see Municipal ownership

PUBLIC PROSECUTORS

(see also subdivision under Hungary; Ukraine, Vinnitsa Province)

Bring bureaucrats to account. Sots. zakon. 30 no. 1:15-16 Ja ʹ62.

Dʹiachenko, M. S., and T. V. Malʹkevich. [Methodological advice to students of the course "Public prosecution in the U. S. S. R."] Uchebno-metodicheskie ukazaniia po izucheniiu kursa "Prokurorskii nadzor v SSSR." Moskva, Vses. iurid. zaochnyi in-t, 1960. 53 p. [MICROFILM]

Follow-up of articles published in our periodical. Sots. zakon. 30 no. 12:70 D ʹ61

Good initiative. IU. Klarov. Sots. zakon. 30 no. 1:19-21 Ja ʹ62.

How public prosecutors supervise the observance of labor laws. K. Abzhanov, T. Urazaliev. Uch. trudy Kazakh. gos. un. Ser. iur. no. 5:286-293 ʹ59.

How the public prosecutors of the Kazakh. S. S. R. supervise the judicial examination of civil lawsuits. A. S. Shevchenko. Uch. trudy Kazakh. gos un. Ser. iur. no. 5: 294-302 ʹ59.

How the public prosecutors of the U. S. S. R. supervise the observance of laws. Sots. zakon. 30 no. 12:75-78 D ʹ61.

"How the public prosecutors of the U. S. S. R. supervise the observance of laws by Soviet administrative agencies" by S. G. Berezovskaia. Reviewed by L. Novan Sov gos. i pravo 32 no. 2:150-152 F ʹ62.

In the office of the Public Prosecutor of the U. S. S. R Sots. zakon. 30 no 12:59 D ʹ61.

Legal significance of the protests of public prosecutors. E. N. Tagunov. Izv. vys. ucheb. zav. ;prav. 5 no. 4:52-59 ʹ61.

More attention to the execution of other prosecutors' requests. A. Kozlov. Sots. zakon. 30 no. 12:61 D ʹ61.

More attention to the execution of other prosecutors' requests. Shubin. Sots. zakon. 30 no. 12:61 D ʹ61.

Public prosecutors should contribute to the solution of present-day problems. D. Panasiuk. Rad. pravo no. 4: 3-10 Jl-Ag ʹ61.

Supervision over the investigation of criminal offenses V. Zvirbulʹ. Sots. zakon. 30 no. 1:57-59 Ja ʹ62.

The systematization of laws. D. Nochvin, V. Veinberg. Sots. zakon. 30 no. 12:55-56 D ʹ61.

The 22d Congress of the CPSU and the objectives of public prosecution. R. Rudenko. Sots. zakon. 30 no 1:3-14 Ja ʹ62.

We need a card file. M. Nasybullin. Sots. zakon. 30 no. 12:60 D ʹ61.

PUBLIC UTILITIES see subdivision under Tashkent

PUBLISHERS AND PUBLISHING

Russia (1923- U. S. S. R.) Glavnoe arkhivnoe upravlenie. [Rules for the publication of documents of the Soviet period] Pravila izdaniia dokumentov sovetskogo perioda. Moskva, 1960. 63 p.

PUERPERAL SEPTICEMIA

Treatment of gynecological sepsis by intraarterial administration of penicillin with blood and vitamins. N. P. Kalashnikova. Akush. i gin. no 5. 95-97 ʹ61

PUGACHEV REBELLION

Moscow. Gosudarstvennyi istoricheskii muzei. [Source materials relating to the Pugachev Rebellion in the collection of the State Historical Museum] Pamiatniki Pugachevskogo vosstaniia, khraniashchiesia v Gosudarstvennom istoricheskom muzee. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 38 p. (Pamiatniki kulʹtury, no. 32)

PULMONARY ARTERIES—DISEASES

Primary pulmonary hypertension [with summary in English]. B. V. Petrovskii, I. Kh. Rabkin, G. M. Solovʹev. Terap. arkh. no 8:11-18 ʹ61.

PULMONARY EDEMA

Effect of circulatory disorders and edema of the lungs on the formation and course of an infectious process in them (pneumonia). Report No. 1: Effect of intraperitoneal injection of adrenalin on the development of experimental pneumococcal pneumonia in white rats [with summary in English]. N. G. Paikov. Biul. eksp. biol. i med. 52 no. 8:37-40 Ag ʹ61.

PULMONARY EMPHYSEMA see Emphysema, Pulmonary

PULSE

"Phlebography of the lower extremities" [in German] by R. May and R. Nissl. Reviewed by P. N Mazaev Vest. rent. i rad 36 no. 5:75-76 S-O ʹ61.

Rate of the pulse wave spread in children with diabetes mellitus [with summary in English]. L. N. Rybina. Vop. okh. mat. i det. 6 no. 8:20-25 Ag ʹ61.

Use of some biochemical and instrumental methods in studying atherosclerosis, changes in the turbidity of the blood serum under a cholesterol load and the rate of spreading of pulse waves L. T. Pisi, A. N. Vapra, Y. I. Lookhein Klin med no 1 67-72 ʹ62

PULSE FAMILY see Leguminosae

PULSE TECHNIQUES (ELECTRONICS)

Concerning the efficiency of a system consisting of a frequency filter and a storage device with delayed feedback IU. S. Lezin. Radiotekh. i elektron. 7 no. 1:39-45 Ja ʹ62.

Passage of random signals through a time discriminator and an integrating amplifier. Part 2 Correlation functions and spectral densities of the output signals of a pulse system [with summary in English]. F. M. Kilin. Avtom. i telem 23 no 1:25-33 Ja ʹ62.

Probability of the n-engagement of chaotically following pulses with a random duration and distribution of the duration of their engagement. Radiotekh. i elektron. 7 no. 1:16-24 Ja ʹ62

Pulse generator for radiation-monitoring equipment. IU. V. Ivanov. Priborostroenie no 1:30 Ja ʹ62

Sanin, A. A. [Radio engineering methods for studying radiation] Radiotekhnicheskie metody issledovaniia izluchenii. Pod red. M. S. Kozodaeva. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1951. 388 p.

Semigraphical method of designing the trigger circuit. N. I. Ardatskii. Trudy MIIT no 135:180-187 ʹ61.

Special features in the performance of operational integrating transistor amplifiers. V. T. Froikin. Radiotekh i elektron 7 no 2:339-342 F ʹ62.

PULVERIZED COAL see Coal, Pulverized

PUMPING MACHINERY

Krakovskii, I. I. [Auxiliary marine engines] Sudovye vspomogateľnye mekhanizmy. Moskva, Izd-vo "Rechnoi transport."
Pt. 2 [Marine pumps] Sudovye nasosy. 1961. 174 p.

NZhK-7 liquid oxygen pump. IU. A. Miroslavskaia. Trudy VNIIKIMASH no. 4:38-42 ʹ61

Possibility of establishing operating characteristics for vortex pumps. S. A. Abdurashitov, I. M. Vershinin Izv. vys. ucheb. zav. ;neft' i gaz 4 no 8,117-121 ʹ61

Semiduberskii, M. S. [Pumps, compressors, ventilators] Nasosy, kompressory, ventiliatory. Izd. 2., perer. i dop. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 287 p.

PUMPING STATIONS

Determining the location of a possible breakdown of the flow in pipings of a pumping station V. A. Baranov. Izv AN Uz SSR. Ser. tekh. nauk no 4 52-64 ʹ61.

PUMPS, CENTRIFUGAL see Centrifugal pumps

PUNCHING MACHINERY

Self-hardening acrylic plastics in the constructions of dies for cold stamping. A. A. Shturman Plast massy no 9. 38-42 ʹ61

PUNISHMENT

"Imposition of penalty according to Soviet criminal law." Reviewed by IA. M. Brainin. Izv. vys. ucheb. zav. ;prav. 5 no. 2:178-181 ʹ61.

The subject of Soviet corrective labor law. L. Bahrit-Shakhmatov. Rad. pravo no. 4:111-114 Jl-Ag ʹ61

PUPIL (EYE)

Effect of pilocarpine and atropin on the size of the pupil and intraocular pressure in rabbits in normal conditions and in disorders of the innervation of the eye N. V. Bokuril and others. Fiziol. zhur. 47 no. 7:821-825 Jl ʹ61.

Paradoxical reaction of the pupils in hydrocephalus. A. IA. Samoilov, O. N. Sokolova Vop. neirokhir. 25 no. 1:70-73 ʹ62.

PUPPETS AND PUPPET PLAYS see subdivision under Kuybyshev Province

PURIFICATION OF WATER see Water—Purification

PUSHKAREVA, TAISIIA PETROVNA, 1927-

Our delegate. K. M. Bochkarev. Geog. v shkole 25 no. 1:9 Ja-F ʹ62.

PUSHKIN, ALEKSANDR SERGEEVICH, 1799-1837

Belinskii, V. G. [Works of Aleksandr Pushkin] Sochineniia Aleksandra Pushkina. Moskva, Gos. izd-vo detskoi lit-ry M-va prosv. RSFSR, 1961. 494 p.

From memoirs. D. Liubimov. Vop. lit. 5 no. 7:156-160 Jl ʹ61.

Gorodetskii, B. P. [Lyric poetry of Pushkin] Lirika Pushkina. Moskva, Izd-vo Akad. nauk SSSR, 1962. 405 p.

Influence of A. S. Pushkin's novel "Evgenii Onegin" on Slavic literatures N. I. Kravtsov. Lit. slav nar. no. 6: 126-177 ʹ61.

PUSHKIN, ALEKSANDR SERGEEVICH, 1799-1837 (Continued)

Life and poetry of southern peoples in Pushkin's works G Filatova Shor stud nauch rab po gum taik MOPI 4 101-118 '60

Materials on Pushkin in the Manuscript Department of the T. H Shevchenko Institute of Literature, Academy of Sciences of the Ukrainian S. S. R O. A Nazarevs'kyi Rad. lit 6 no 1 114-125 Ja-F '62

Meilakh, B. S. [Pushkin's literary thought as a creative process] Khudozhestvennoe myshlenie Pushkina kak tvorcheskii protsess. Moskva, Izd-vo Akad nauk SSSR, 1962 247 p.

——— ——— ——— [Reproductions of A. S. Pushkin's handwriting] Avtografy A S. Pushkina, reproduktsii 20 fold l

Pushkin's "Bronze horseman" M. Khalap. Vop. lit 5 no 7 87-101 Jl '61.

PYATIGORSK—HEALTH RESORTS, WATERING PLACES, ETC.

Errors in directing patients with skin diseases to the Piatigorsk health resort (from data on the health resort polyclinic). S.L Al'perovich. Vest. derm. i ven. 35 no.12:42-43 D '61

PYATIGORSK—HOUSING MANAGEMENT

Relaying on the active members. A P Shubin. Zhil.-kom.khoz. 11 no.10 8 O '61.

PYATIGORSK—MACHINERY INDUSTRY

Volunteer designers. E. F Ustinovich Mashinostroitel' no. 1 8 Ja '62

PYLORUS—CANCER

Angioarchitectonics of diffuse forms of cancer of the pyloric section of the stomach. V, I, Panov, E, L, Fraifel'd. Vop. onk. 7 no. 8;12-15 '61.

PYRAZOLIDINE

Some manifestations of the side effects of pyrazolidine in the treatment of rheumatoid arthritis Preliminary report [with summary in English] V. N. Lebedev Klin med. no. 1 112-114 '62.

PYRAZOLINONE

Production of some pyrazolonels from acetoacetamide and sodium acetoacetate P. A. Levin Zhur. prikl khim. 34 no. 12;2803-2804 D '61

PYRIDINE

Adsorption and the heat of adsorption of pyridine and benzene vapors on graphitized carbon black N.N Avgul', A.V.Kiselev, I.A.Lygina. Izv.AN SSSR,Otd. khim.nauk no.1 32-37 Ja '62.

Catalytic adsorption pre-wave on polarograms of pyridine solutions. S.G.Mairanovskii, N.V.Barashkova. Izv.AN SSSR,Otd.khim.nauk no.1 186 Ja '62.

Production of 2-vinylpyridine. L, D, Gluzman, R, M,T Sin, A, A, Rok. Koks i khim. no. 11:48-51 '61.

PYRIDINEDICARBOXIMIDE

Imides of pyridinedicarboxylic acids. G.IA.Kondrat'eva, Khuan Chzhi-khen. Zhur.prikl.khim 35 no.1 199-201 Ja '62.

PYRIDOXINE

Effect of therapeutic doses of ionizing radiations on the content of vitamins B_6 and B_{12} in the blood serum [with summary in English]. M. M. Nivinskaia, V. P. Alferova, K. P. Rogova. Med. rad. no. 1:40-45 '62.

Pyridoxine in the clinical treatment of tuberculosis with side-effects from antibacterial preparations [with summary in French]. E, S, Stepanian. Probl. tub. no. 5: 41-45 '61.

PYRIMIDINES

Correlations between the action of pyrimidine stimulators and inhibitors of cell growth and reproduction. N. V. Lazarev, G. I. Fellstovich. Vop. onk. 7 no. 8;65-72 '61.

PYRITES see subdivision under Transcaucasia

PYROLYSIS

Experimental pyrolysis of mazut and shale tar. M, K, Fis'men and others. Gaz. prom. 6 no. 11;18-22 '61.

Industrial refining of tars obtained from the pyrolysis of hydrocarbon gases in Baku plants. R.G.Ismailov, T.M. Ivanova, Z.A.Sultanov. Azerb.neft.khoz. 40 no.11. 33-37 N '61.

PYROMETERS

Calculating basic parameters of the thermistorized telescope of a radiation pyrometer. V.Pak. Izm. tekh. no.12:33-35 D '61.

PYROPHYLLITE see subdivision under Ukraine

PYRROLIDINONE

Wonderful properties of polyvinylpyrrolidone. M, F, Shostakovskii, F, P, Sidel'kovskaia. Priroda 51 no. 1: 105-106 Ja '62.

PYRUVIC ACID

Pyruvic acid metabolism in brucellosis. A I. Naumov. Terap arkh. 33 no. 8:85-88 '61

PYSHMA REGION (SVERDLOVSK PROVINCE)—COBALT MINES AND MINING

Impoverishing of ores in mines of the Pyshma Mining Administration. D. L. Poskotin. Izv. vys uchob zav i gor. zhur no. 11:7-9 '61.

PYSHMA REGION (SVERDLOVSK PROVINCE)—COPPER MINES AND MINING

Impoverishing of ores in mines of the Pyshma Mining Administration. D. L. Poskotin Izv vys. uchob zav , gor. zhur. no. 11:7-9 '61.

Q FEVER

Complications in Q fever. A. M. Mirkin, G. S. Pul'pinskii. Voen. -med zhur no. 7:81-82 Jl '61

Natural infectivity of wild animals in northern Kirgizhia by the pathogen of Q fever [with summary in English] V. G Evdoshenko, T L Propeshnaia Vop. virus 6 no. 5 602-605 S-O '61

Serological and immunobiological study of different Rickettsia burnetti strains. K L. Gogoberidze. Soob. AN Gruz. SSR 27 no. 4 459-462 O '61.

Study of experimental rickettsioses by means of fluorescent antibodies. Report No 2 Use of immune fluorescent gamma globulin for early and rapid diagnosis of Rickettsia burnetti [with summary in English] R B Gol'din, N I. Amosenkova Vop virus. 6 no 5 591-596 S-O '61.

QUALITY CONTROL

(see also subdivision under Leningrad; Moscow)

Office for the improvement of reliability. IA. Sorin. NTO 4 no. 1 13-16 Ja '62.

QUANTUM ELECTRODYNAMICS

Covariant deduction of the Weizsäcker-Williams formula [with summary in English] V. N Gribov and others. Zhur. eksp i teor fiz. 41 no. 6;1839-1841 D '61

QUANTUM FIELD THEORY

Ambiguity in the determination of the interpolating field [with summary in English]. D. A. Slavnov, A. D. Sukhanov. Zhur. eksp. i teor. fiz. 41 no. 6;1940-1948 D '61.

Barbashov, B.M. [Dynamic resonances in solutions to Low's equation for certain models in the field theory] O dinamicheskikh rezonansakh v resheniiakh uravnenila Lou dlia nekotorykh modelei teorii polia. Dubna, Ob"edinennyi in-t iadernykh issl., 1961. 19 p [With summary in English]

Efimov, G. V. [Renormalization of models in the theory of a field with a fixed nucleon] O perenormirovke modelei teorii polia s fiksirovannym nukleonom. Dubna, Ob"edinennyi institut iadernykh issl., 1961. 12 p. [With summary in English]

Hamiltonian of interaction in quantum field theory [with summary in English] A, D, Sukhanov, Zhur. eksp. i teor. fiz. 41 no 6;1915-1928 D '61.

Theory of space-time quantization [with summary in English]. V. G. Kadyshevskii. Zhur. eksp i teor. fiz. 41 no. 6;1895-1894 D '61.

QUANTUM THEORY

Ch'u Liang-yuan. [Fine structure of the energy spectrum of collective oscillations of even-even nuclei] Tonkaia struktura energeticheskogo spektra kollektivnykh kolebanii chetno-chetnykh iader. Dubna, Ob"edinennyi in-t iadernykh issl., 1961. 7 p.

Distances between nuclear energy levels [with summary in English] V, A, Kravtsov. Zhur eksp. i teor. fiz. 41 no 6;1852-1858 D '61.

Energy levels of the U^{232} nucleus [with summary in English]. S, A, Baranov and others. Zhur. eksp. i teor. fiz 41 no. 6;1740-1747 D '61

Forbidden E1 transitions in Tb^{159} and Yb^{173} [with summary in English]. G, A, Vartapetian, Z, A, Petrosian, A, G, Khudaverdian. Zhur. eksp. i teor. fiz. 41 no. 6: 1704-1709 D '61.

"Inevitability of the strange world" by Daniil Danin. Reviewed by A Glukhov Znan. sila 37 no. 1;44 Ja '62,

Levels of the Si^{30} nucleus from the reaction $Si^{29}(d, p)Si^{30}$ [with summary in English]. K, I. Zherebtsova and others. Zhur. eksp i teor. fiz. 41 no. 6: 1701-1762 D '61.

Lifetime and nature of the 686 Kev. level in Re^{187} [with summary in English]. G, A, Vartapetian. Zhur. eksp. i teor. fiz. 41 no. 6;1710-1712 D '61.

Quantum galvanomagnetic effects in n-InAs [with summary in English]. Kh. I. Amirkhanov, R, I, Bashirov, IU, E, Zakiev. Zhur. eksp. i teor. fiz. 41 no. 6: 1699-1703 D '61.

Simonov, V. G. [Quantitative and qualitative transformations in microphysical processes] Kolichestvennye i kachestvennye prevrashcheniia v mikrofizicheskikh protsessakh. Minsk, Izd-vo Belgosuniversiteta im. V. I. Lenina, 1961. 20 p.

QUARRIES AND QUARRYING

Quarries and supply of rock products for the construction. V, V, Volkov, V, K, Korchits. Energ, stroi. no. 23;124-130 '61.

QUARTZ

Effect of "diving" and the sudden transition of the cathode spot on the new sections of the cathode. I. G. Kesaev. Vest. elektroprom. 31 no. 10 31-32 O '60.

QUARTZ-PORPHYRY see subdivision under Azerbaijan

QUESTIONING

Organizing students' attention during the question period in lessons on natural science. A S. Borodulina Uch. zap. Mosk. gor ped. inst 62:67-80 '58.

Organizing the students' attention in oral questioning during the lesson. T. A. Korman. Uch zap. Mosk gor ped. inst. 62:81-90 '58.

QUINOLINE

Comparative data on and the results of treating lupus erythematosus with resochin, aminoquinol and other substances. I N Dmitrieva, U K Belukha. Vest. derm. i ven. no. 1 23-30 '62.

RABBITS see subdivision under Uzbekistan

RACHMANINOFF, SERGEI VASIL'EVICH, 1873-1943

"Reminiscences on Rachmaninoff" Reviewed by G Kogan Sov muz 26 no. 1 140-141 Ja '62.

RACING AUTOMOBILES see Automobiles, Racing

RADAR IN ASTRONOMY

Effect of magnetic variations on the reflection of radio waves by auroral ionization zones. V I Pogorelov. Geomag. i aer 1 no. 5 687-694 S-O '61

Radar observations of auroras at Soviet Antarctic stations in 1959 B. E. Brunelli, S. M Sandulenko Geomag i aer. 1 no 5 679-686 S-O '61

RADAR IN NAVIGATION

New types of passive radar deflectors. I. Kalinskii. Mor. flot 22 no 1,12-13 Ja '62

"Radar stations in harbors" by V. I. Shchegolev. Reviewed by F, Golenkov. Mor. flot 22 no 1:46-47 Ja '62.

RADAR IN NAVIGATION—CONGRESSES

Radar and the Rules for Preventing Collisions at Sea. Biul. tekh. -ekon. inform. Tekh. upr. Min. mor. flota 5 no. 4;87-101 '60.

RADIANT HEATING

Study of concrete heating panels with glass coil pipe A Z. Ivianskii Shor trud. NIIST no 7 6-34 '61.

RADIATION

One possibility for detecting high-energy charged particles [with summary in English] A, I. Alikhanian and others. Zhur eksp i teor. fiz. 41 no. 6;2002-2010 D '61.

Radiation of the charge flying perpendicularly through an infinite heterogeneity of the medium. G, M. Garibian. Dokl. AN Arm. SSR 33 no. 4:151-154 '61.

RADIATION—DOSAGE

Energy of radiations absorbed by the human body during radon baths. S. V. Andreev. Med. rad. no. 6;29-37 '61.

Improvements of the photographic method of individual desimetric radiation control. L. S. Druskina, T. G. Dmitrieva, IU. A. Filippov. Atom. energ. 12 no. 1;57-58 Ja '62.

Maximum permissible irradiation levels during the extraction and dressing of uranium ores. A. E. Sokolov. Atom. energ. 12 no. 2;170 F '62.

Problem of dosage in the use of ionizing radiations for sterilization. A. A. Fomin. Med. rad no. 9:74-80 '61.

Tables for the computation of the radiation absorption dose in rads in curietherapy of cancer of the cervix uteri. V. V. Kholin, V. P. Luk'ianov. Med. rad. no. 1: 32-34 '62.

RADIATION—MEASUREMENT

Determining induced radioactivity on the second spaceship. V. V. Matveev, A. D. Sokolov Isk. sput Zem. no. 11:42-43 '61.

Small-sized radiation meter. I Nikitin. Radio no. 1: 28-29 Ja '62.

RADIATION—PHYSIOLOGICAL EFFECT

Biologic action of high energy irradiation [with summary in English]. G. A. Ayrunina and others. Biul. eksp biol. i med. 52 no. 8;52-56 Ag '61.

Change in motor activity of rabbits after irradiation. N.A.Volokhova. Med.rad. no.7:45-49 '61.

Comparative characteristics of leucocytic and temperature reactions of animals to radiation action [with summary in English]. N.A.Volokhova. Med.rad. no.8: 53-58 '61.

Dynamics of arterial pressure after total-body irradiation of rats. I. S. Kanfor. Med. rad. no. 1:70-72 '62.

Effect of ionizing radiations on regularity of the vaccine process in BCG vaccination in an experiment [with summary in English]. A, I. Togunova, M, F. Kulikova. Med. rad. no. 7:39-45 '61.

RADIATION — PHYSIOLOGICAL EFFECT (Continued)

Effect of the secretion from frog skin glands on tissue permeability to vital stains in experimental acute radiation effects [with summary in English] L G Dolgov, Biul. eksp. biol i med 52 no 10 47-50 O '61

Electrocardiographic changes in guinea pigs dying from rays generated in a 24 MeV betatron. V P Polkovnikova. Med. rad. no. 6:63-67 '61

Inexplicable resistance. Znan. ta pratsia no. 1:23 Ja '62.

Late sequelae from the action of radiations on hemopoiesis [with summary in English] N I Shmeleva, G. V Voskobolnikov Biul eksp biol. i med. 52 no 10:43-46 O '61

Leukemia-producing agent isolated from tissues of C57 Bl mice using ionizing radiations. A I. Agcenko, Probl. gemat. i perel. krovi no. 2 8-13 '62.

Reaction of thrombocytes (and some other elements of the hemogram) to the action of ionizing radiations in relation to a preliminary irradiation [with summary in English]. O. S Sergel'. Med rad no. 9 17-21 '61

Role of early general reactions of the mother's body in the mechanism of fetal injury from ionizing radiations. N.A. Kalinina. Med. rad. no 6:58-62 '61.

Thyroid gland function in dogs at various times after total-body irradiation. E.N. Antipenko, B.I. Davydov, IU.A. Klassovskii. Med. rad. no. 6:41-47 '61.

RADIATION—SCATTERING

Scattering of radiant energy by plant leaves. I. N. Shul'gin and others. Biofizika 6 no. 6 734-739 '61.

RADIATION—TOXICOLOGY

Basic factors of the environment and occupational-hazards occurring with accelerators of singly and multiply charged ions. L.V. Kuznetsova, N.N. Korshunova. Med. rad. no 7 63-67 '61.

RADIATION PROTECTION

Antiradiation activity of new isothiuronium derivatives [with summary in English]. V.S. Shashkov, V.M. Fedoseev. Med. rad. no. 7:25-29 '61.

Decrease of the degree of radiation injury of desoxyribonucleic acid molecules in the presence of propyl gallate. N. V. Nikolaeva and others. Dokl. AN SSSR 142 no. 3 713-715 Ja '62.

Protection from inhibitory radiations of radioactive isotopes. Z.S. Areťeva and others. Med. rad. no. 7 77-82 '61.

Protective action of hypoxia in "brief" and "prolonged" irradiation of mice by gamma rays. I.B. Bychkovskaia. Med. rad. no. 6:68-72 '61.

RADIATION SHIELDING see Shielding (Radiation)

RADIATION SICKNESS

Action of strophanthin on the heart in acute radiation sickness [with summary in English]. B.B. Moroz, S.P. Grozdov. Farm. i toks. 24 no. 3:301-304 My-Je '61.

Antibiotic sensitivity in strains of coli bacilli isolated at various stages of acute radiation sickness in animals treated and not treated with antibiotics [with summary in English]. N.N. Klemparskaia, N.V. Raeva. Antibiotiki 6 no. 6:534-541 Je '61.

Appearance of incomplete antibodies after bone marrow transplantation in radiation sickness (preliminary report) [with summary in English]. M.A. Umnova, M.N. Novikova. Biul. eksp. biol. i med. 52 no. 8:82-86 Ag '61.

Changes in properties toxic to paramecia in blood plasma from rabbits and monkeys with acute radiation sickness. G. A. Dzhafarov. Med. rad. no. 9:38-45 '61.

Changes in protein metabolism in animals in acute radiation sickness. I. V. Fedorov. Med. rad. no 9:82 '61.

Comparative characteristics of skin temperatures in dogs and monkeys in acute radiation sickness. V. V. IAkovlev Med. rad. no. 8 45-47 '61.

Control mechanisms of radiation sickness. V. P. Efroimson. Probl. kib. no. 6:183-205 '61.

Course of experimental osteomyelitis in radiation sickness [with summary in English]. V.A. Bashinskaia, Med. rad. no. 7:29-35 '61.

Cx-reactive protein in radiation sickness [with summary in English]. S. E. Tukachinskii, V. P. Moiseeva. Biul. eksp. biol. i med. 52 no. 8:48-52 Ag '61.

Cytochemistry of blood platelets in acute radiation sickness. A. A. Totskaia, E. I. Terent'eva, G. M. Abdullaev. Med. rad. no. 9. 28-34 '61.

Dynamics of the distribution of radioactive phosphorus in the body in the early stages of development of radiation sickness. E. V. Ostashkov. Med. rad. no. 7: 89-90 '61.

Effect of oxygen and thiouracil on the course of radiation sickness in animals. T. G. Mankus, K A. Shafrina. Med. zhur. Uzb. no. 7:50-52 Jl '61.

Effect of vitamins on the course of injuries caused by ionizing radiations. M. F. Nesterin. Med. rad. no. 7: 83-86 '61.

Effectiveness of neuroplegic substances and hypothermia in the prevention and treatment of traumatic shock in irradiated animals. P. K. Dilachenko and others. Voen. -med. zhur. no. 7:86 Jl '61.

Histochemical characteristics of ascorbic acid in the eye in acute radiation sickness [with summary in English]. V M. Abdullaev Med rad. no. 7 35-39 '61.

Neural apparatus of the tonsils in experimental radiation sickness [with summary in English] I B Soldatov. Zhur ush , nos i gorl bol 21 no. 5 17-23 S-O '61

Pathogenesis of radiation hemorrhages M. O Raushenbakh Med. rad no. 1 83-87 '62

Prevention and treatment of radiation sickness in an experiment. B. G Volynskii and others Med rad no 9 81 '61

Study of some aspects of the pathogenesis of radiation skin injuries. A V. Kozlova and others Med. rad. no. 1:16-21 '62.

Use of butyl alcohol and leukogen in radiation leucopenia E N Mozharova, A. M. Rusanov, R. S Komarova Med rad no 9:13-16 '61

Vascular permeability in dogs in acute radiation sickness [with summary in English]. R V Lenskaia Med rad no 9 26-29 '61

RADIATION STERILIZATION

Problem of dosage in the use of ionizing radiations for sterilization. A. A Fomin Med rad no 9 74-80 '61

Transportable γ-ray apparatus GUPOS - Cs^{137} -800 for presowing irradiation of seeds. V. A. Biberg al' and others. Atom. energ 12 no. 2,159-160 F '62.

RADICALS (CHEMISTRY)—SPECTRA

Electron paramagnetic resonance study of the interaction between sodium diethylphosphite and di- and triphenylmethyl halides. B.A Arbuzov, L.M Kataeva. Izv. AN SSSR.Otd. khim nauk no. 1:172-174 Ja '62.

RADIO

Concerning the technological progress in radiobroadcasting and television N Peurtsev. Radio no 1 3-6 Ja '62

In the central committee of the All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy. Radio no 2:5 F '62.

"Mass booklet series" for radio amateurs for 1962. A Smirnov. Radio no. 2 63-64 F '62

New developments in the field of science and technology. Belarus' 10 no. 1:31 Ja '62.

[Radio engineering abroad] Zarub. radioelek. 17 no.1 Ja '62.

Russia (1923- U.S.S.R.) Komitet po delam izobretenii i otkrytii. [Collection of inventions, radio electronics] Sbornik izobretenii, radioelektronika. Moskva, TSentr. biuro tekhn. informatsii, 1961. 259 p. (Sbornik otechestvennykh izobretenii)

Saratov. Universitet. [Practical work in radio physics] radiofizicheskii praktikum. Izd. 2., dop. i perer. Saratov, 1961. 277 p.

Through the pages of foreign magazines Radio no. 1 59-61 Ja '62.

Through the pages of foreign magazines. Radio no 2 51-55 F '62.

The wider the perspective the greater the mastery. A Skvortsov. Radio no. 2. 6-8 F '62.

The year 1962. Radio no. 1. 1-2 Ja '62.

RADIO—BIBLIOGRAPHY see Bibliography—Radio

RADIO—CONGRESSES

Twenty-eighth Session of the General Assembly of the International Radio and Television Organization. Tekh. kino i telev. 6 no. 1:96 Ja '62.

RADIO—EQUIPMENT AND SUPPLIES

Our consultations. Radio no. 2:61-62 F '62.

School of wonders. IU. Krasov, I. Saltykov. IUn. tekh. 5 no. 7:26-29 Jl '61.

RADIO—EXHIBITIONS

Contribution of the radio amateurs to the seven-year plan. Radio no 1:14-15 Ja '62

RADIO—INTERFERENCE

Methodology for measuring and checking the principal parameters of interference meters. I. A. Fastovskii. Vest. elektroprom. 31 no. 10:55-57 O '60.

Studying interference in radio communication channels on electric railroads V. N. Khudov. Vest. TSNII MPS 20 no. 8:58-61 '61.

RADIO—RECEIVERS AND RECEPTION

Charge battery radio receivers operating on . . . the electric network. B. Ivanov. IUn. tekh. 5 no. 7:69-73 Jl '61.

Concerning a certain method for tuning a superheterodyne. V. Neiman. Radio no 1 27 Ja '62.

Effect of the directivity of receiving-transmitting antenna systems on the statistical characteristics of the received signal. IU. A. Kovura. Radiotekh. i elektron. 7 no. 2:198-201 F '62.

Transistor condenser in the IF channel. I. Vasil'kevich, G. Nikitin, V. Sutorshin. Radio no. 1:37-39 Ja '62.

RADIO—REPAIRING

Alt, E., and E. Jakoobi. [Manual for the repairing of radios] Raadiokorrastaja kasiraamat. Tallinn, Eesti Riiklik Kirjastus, 1960. 339. [In Estonian]

RADIO, MILITARY

Exercise for crews of radio relay stations. V. Khristoforov. Voen. vest. 41 no. 7,103-104 Jl '61

We control a radio transmitter by means of a microwave line. Voen. vest. 41 no. 9:102-104 S '61.

We teach radio operators to use the teletype machine V Baziuk. Voen vest. 41 no. 7:104-107 Jl '61

RADIO, MILITARY—STUDY AND TEACHING

In tank radio stations. P. Diachenko. Voen vest. 41 no. 9,69-70 S '61.

RADIO, SHORTWAVE

"Surprises" of the S-band A. Vaimboim Radio no 1 22-23 Ja '62

RADIO, SHORTWAVE—TRANSMITTERS AND TRANSMISSION

Transmitter for a beginning shortwave radio operator. N. Ronzhin Radio no 1 24-27 Ja '62.

RADIO ASTRONOMY—BIBLIOGRAPHY see Bibliography—Radio astronomy

RADIO CLUBS

Amateur radio has been included in the all-Union classification Radio no 1:16-17 Ja '62.

In the QSL bureau of the Central Radio Club. Radio n 18-21 Ja '62

Kashcheev and his friends. Radio no. 1:10-11 Ja '62

Preparation for the 5th Congress of the All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy Radio no 1 12 Ja '62

Technical classification of radio amateurs and designe Radio no 1 13 Ja '62.

RADIO DETECTORS

Dynamic properties of a synchronous detector [with summary in English]. L. A. Sinitskii, IU. M. Shumkov. Avtom. i telem. 23 no. 1:125-130 Ja '62.

RADIO FILTERS

Concerning the efficiency of a system consisting of a frequency filter and a storage device with delayed feedb IU. S. Lezin. Radiotekh. i elektron. 7 no. 1:30-45 J '62.

Dynamic properties of a synchronous detector [with summary in English] I. A. Sinitskii, IU. M. Shumkov. Avtom. i telem. 23 no. 1:128-130 Ja '62.

RADIO-FREQUENCY SPECTROSCOPY—BIBLIOGRAPH see Bibliography—Radio-frequency spectroscopy

RADIO IN EDUCATION

Attention! Here is the school public address system. P. S. Kalinichkov. Vech. sred. shkola 4 no. 6,69-72 N-D '61.

RADIO JOURNALISM

Radio journalism is a great force. V. Chernyshev. S pech no 1:17-18 Ja '62.

RADIO LINES

Synthesis of nonhomogenous lines based on the solutio the inverse problem of Sturm-Liuville. O. N. Litvine V. I. Soshnikov. Radiotekh. i elektron. 7 no. 1:69- Ja '62.

Synthesis of step-transitions with a maximum-plane f quency characteristic. L. R. IAvich. Radiotekh. i elektron. 7 no. 1:105-112 Ja '62.

RADIO MEASUREMENTS

Methodology for measuring and checking the principal parameters of interference meters. I. A. Fastovskii Vest. elektroprom. 31 no. 10:55-57 O '60.

New books. Tyl. i snab Sov. Voor. Sil 21 no. 11:95 N '61.

RADIO OPERATORS

Amateur radio has been included in the all-Union clas fication. Radio no. 1 16-17 Ja '62.

The courses are directed by a seargent of the reserve M. Igoshin. Radio no. 2:13 F '62.

His place in life. A. Matisinskii. Radio no. 2:14-15 '62.

I have received a great satisfaction. G. Pozdernik. no. 2:27-28 F '62.

In the QSL bureau of the Central Radio Club. Radio 18-21 Ja '62.

Journey of an SSB transmitter. Radio no. 2:27 F '6

Kashcheev and his friends. Radio no. 1:10-11 Ja '6

Mobile SSB transmitter. Radio no. 2:29-34 F '62,

The outstanding WAZ SSB certificate was received by Soviet shortwave radio operator. Radio no. 2:17 F

Preparation for the 5th Congress of the All-Union Vo teer Society for Assistance to the Army, Air Force and Navy. Radio no. 1:12 Ja '62.

Results of the three interdepartamental competitions radio operators. T. Kargopolov. Radio no. 1:13 J '62.

SQ SSB. Radio no. 1:23 Ja '62.

Technical classification of radio amateurs and design Radio no. 1:13 Ja '62.

RADIO OPERATORS (Continued)

The transfers were faultless A Moskalenko Radio no 2 28 F '62

UR2-UA1 on 144 mc K. Kallemaa. Radio no 2:16 F '62

Work on SSB is very beneficial IU Inozemtsev. Radio no 2 28 F '62

RADIO OPERATORS—EDUCATION AND TRAINING

Transmitter for a beginning shortwave radio operator. N. Ronzhin Radio no 1 24-27 Ja '62

RADIO PLAYS WITH MUSIC

Meeting on the radio. V. Vlasov. Sov. muz. 25 no. 8: 65-66 Ag '61

RADIO WAVES

Correlation of amplitude and phase fluctuations in tropospheric propagation of radio waves. A. V. Men'. Radiotekh. i elektron 7 no 2:232-238 F '62

Determination of the time dependence of the total function of ion formation using measurements of radiowave absorption in the D - region. N. A. Savich. Radiotekh i elektron 7 no 2:230-231 F '62

The Kahanov effect. L. Maksimov. Kult. i zhizn' 5 no. 8:13-15 '61

RADIO WAVES—DIFFRACTION

Diffraction of radio waves around the earth in an nonhomogenous stratified layer N. A. Armand Radiotekh. i elektron. 7 no 2:223-229 F '62.

RADIO WAVES—SCATTERING

Attenuation function of meteor trail scattered radio waves. M. D. Khaskind Radiotekh i elektron 7 no. 2:343-345 F '62

Scattering of electromagnetic waves by meteor trails. M. D. Khaskind Radiotekh. i elektron 7 no 2: 208-222 F '62.

Scattering of fluctuating waves by an obstruction with large dimensions. E. A. Shtager. Radiotekh. i elektron 7 no 2:202-205 F '62

RADIOACTIVE FALLOUT see subdivision under Simeiz

RADIOACTIVE PROSPECTING see subdivision under Azerbaijan

RADIOACTIVE SUBSTANCES

New books on the technology of uranium and artificial radioactive elements. Zhur. prikl. khim. 35 no. 1 230-231 Ja '62.

RADIOACTIVE SUBSTANCES—INDUSTRIAL APPLICATIONS

Fradkin, G. M., and E. E. Kulish. [Sources of α, β, γ, and neutron radiation for the automation and control of industrial processes] Istochniki α-, β-, γ- i neitronnykh izluchenii dlia kontrolia i avtomatizatsii tekhnologicheskikh protsessov. Moskva, Gos. izd-vo lity v oblasti atomnoi nauki i tekhniki, 1961. 86 p.

Lamp using radioactive isotopes (from "Electrical Times," no. 3514 1959). Prom. energ. 15 no. 8 48-49 Ag '60.

RADIOACTIVE SUBSTANCES—TOXICOLOGY

Hygienic requirements in work with continuously radioactive luminous paint. M. A. Khvoinitskaia, V. P. Pugachevskii Vrach. delo no 12:126-129 D '61.

RADIOACTIVE SUBSTANCES—TRANSPORTATION

Basic regulations, requirements, and standards of the new laws for the transportation of radioactive substances [with summary in English]. P. I. Moiseitsev. Med. rad. no. 9 3-5 '61.

RADIOACTIVE TRACERS

Motion of a body in a fluidized bed (with summary in English). IU. P. Gupalo. Inzh.-fiz. zhur. 5 no. 2:15-18 F '62

RADIOACTIVE TRACERS—INDUSTRIAL APPLICATIONS

Using radioactive tracers in investigating sulfur diffusion in metals. D. M. Voloshko, V. A. Chizh, L. P. Shchesano. Biul. nauch.-tekh. inform. VNITI no. 4/5:194-198 '58.

RADIOACTIVE WASTE DISPOSAL

Heat factor in the problem of removing liquid radioactive waste into the depths of the earth's crust. E. D. Mel'tsev and others. Atom. energ. 12 no. 1:36-39 Ja '62.

RADIOACTIVITY—MEASUREMENT

Measuring the radioactivity of short lived gases in a mixture of fission products. V. A. Bryzgunov. Atom. energ. 12 no. 1:40-47 Ja '62.

RADIOAUTOGRAPHY see Autoradiography

RADIOBOLOGICAL RESEARCH see subdivision under *Uzbekistan*

RADIOBROADCASTING

Our friends from the ether. L. Vladimirov. Znan. sila 37 no. 1:9-11 Ja '62.

Radio broadcasting and television in the U. S. S. R. M. Egorov. Tekh. kino i telev. 6 no. 1:4-6 Ja '62.

RADIOCARBON DATING

Effect of changes in the concentration of atmospheric C^{14} on radiocarbon dating. G. M. Mirianashvili and others Soob. AN Gruz SSR 27 no 5:537-540 N '61

RADIOCHEMISTRY

Penneman, R. A., and T. K. Keenan. [Radiochemistry of americium and curium. Translated from the English. Preface by G. IAkovlev] Radiokhimiia ameritsiia i kiuriia. Pod red. G. N. IAkovleva. Moskva, Izd-vo inostr. lit-ry, 1961. 93 p.

RADIODIAGNOSIS see Diagnosis, Radioscopic

RADIOGRAPHY

Anatomical basis of the X-ray picture in iron ore pneumoconiosis. N. Z. Slinchenko, L. B. Naumov, N. V. Petrova. Vest. rent. i rad. 36 no. 5 57-60 S-O '61.

Clinical radiographic characteristics of inflammatory suppurative processes in a cystic lung. M. M. Zagorodskaia, M. A. Pavlovskaia. Vrach. delo no 6 146-149 Je '61.

Clinical X-ray picture in lithopone pneumoconiosis. T. G. Mgeladze, A. G. Narsiia Vest rent i rad 36 no 5 60-61 S-O '61

Comparative evaluation of the methods for pneumography of the abdominal cavity and retroperitoneal space in the diagnosis of tumors [with summary in English]. B. P. Shiral. Vop. onk. 7 no. 12, 42-47 '61.

Method for tomography in silicosis [with summary in English] T. N. Kalitseevskaia. Vest. rent. i rad 36 no. 5:26-30 S-O '61

Possibilities of tomographic examination in the differential diagnosis of pneumoconiosis and conio-tuberculosis [with summary in English]. T. G. Oscilinskii, A. G. Shumakov, O. B. Brodskii. Vest. rent. i rad. 36 no 5. 30-33 S-O '61.

Rare complication following fistulography - iodolipodol embolism of vessels of the greater circulation. L. V. Aseev, M. I. Burmistrov. Vest. khir. no 1:130-132 '62

Tomography as an efficiency test for radiation therapy in laryngeal cancer [with summary in English]. A. I. Pozmogov. Zhur. ush., nos. i gorl. bol 21 no. 4:37-41 Jl-Ag '61.

Using the photometric analysis of X-ray pictures for determining ballast compaction. A. K. Shafranovskii, IU. G. Vinogradov. Trudy TSNII MPS no. 217:48-55 '61.

X-ray study of the external respiratory function in silicosis with the aid of tomography [with summary in English]. V. S. Mamont. Vest rent. i rad 36 no. 5 33-36 S-O '61.

RADIOISOTOPES

Mikheeva, L. M., and N. B. Mikheev. [Radioactive isotopes in analytical chemistry] Radioaktivnye izotopy v analiticheskoi khimii. Moskva, Gos. izd-vo lit-ry v oblasti atomnoi nauki i tekhn., 1961. 98 p.

Use of ionites for concentrating artificial radioactive isotopes contaminating atmospheric precipitations. G. A. Sereda, V. B. Chumichev. Atom. energ 12 no 1:66-67 Ja '62.

RADIOISOTOPES—INDUSTRIAL APPLICATIONS

All-Union conference on the use of radioisotopes in the coal and ore-mining industries. G. I. Kapelushnikov. Bezop. truda v prom. 5 no 12:38-39 D '61.

Application of gamma rays for determining the compaction of ballast materials. P. M. TSigel'nyi. Trudy TSNII MPS no. 217:32-47 '61.

Determining the wear resistance of drawing dies by means of radioactive isotopes. P. F. Gloshev. Izv. vys. ucheb. zav., chern. met. 4 no. 12 100-106 '61.

Main directions in the use of radioactive isotopes for the study of physicochemical bases of the flotation process. O. S. Bogdanov. Trudy Mekhanobr no. 128:3-16 '61.

Radiometric analysis in studying the flotation process. I. N. Plaksin, G. N. Khazhinskaia. Nauch. soob. Inst. gor. dela 6:8-14 '60.

Use of radioactive isotopes for determining the straightness and parallelism of fine wool fibers. L. A. Lysenko, Z. N. Kreitsberg. Izv. vys. ucheb. zav. tekh. tekst. prom. no. 6:62-67 '61.

Use of radioactive isotopes in fluorescent analysis for the automatic control of ore-dressing products. N. N. Shumilovskii and others Izv. vys. ucheb. zav. tsvet. met. 4 no. 3:140-147 '61.

RADIOISOTOPES—SAFETY MEASURES

Protection from inhibitory radiations of radioactive isotopes. Z. S. Arel'eva and others. Med. rad. no. 7: 77-82 '61.

RADIOISOTOPES—THERAPEUTIC USE

Preparation of medical applicators with various radioactive isotopes on the basis of ion exchanging materials [with summary in English]. V. A. Sokolov, T. I. Kondrat'eva. Med. rad. no. 1:26-32 '62.

RADIOLARIA, FOSSIL see subdivision under Azerbaijan

RADIOLOGISTS see subdivision under Maritime Territory; Zaporozh'ye Province

RADIOLOGISTS—CONGRESSES

First Far East Scientific Conference of Roentgenologists and Radiologists. I. G. Lagunova. Zdrav. Ros. Feder. 5 no. 12:41 D '61.

RADIOLOGY, MEDICAL

Biological activity and the use of fast electrons in medicine. N. V. Sokolova. Med. rad. no. 6 83-87 '61.

"Practice of large-frame fluorography and functional X-ray diagnosis" Reviewed by I. Ch. Skrzhinskaia Vest. rent. i rad 36 no 5 70-72 S-O '61

Scientific research of the Department of Roentgenology and Radiology of the Leningrad Medical Institute from 1956 to 1960. D. G. Rokhlin Biul. Ush. med. sov. 2 no. 6:22-25 N-D '61.

Some urgent problems of dosimetry in clinical radiology. A. N. Krongauz. Med. rad no. 6 78-82 '61

The X-ray and radiological station (department) as an organizational and consultation center S. N. Popov Vest. rent. i rad 36 no. 5 68-70 S-O '61.

RADIOLOGY, MEDICAL—BIBLIOGRAPHY see Bibliography—Radiology, Medical

RADIOLOGY, MEDICAL—EQUIPMENT AND SUPPLIES

Clinical use of the diagnostic scintillation device of the DSU-60 type V. K. Modestov, A. Kh. Mirkhodzhaev Med rad no 9 71-73 '61.

Diagnostic scintillation device of the DSU-60 type. I. K. Tabarovskii and others Med rad no 9 64-67 '61

Instruments for radiological clinics. IA. V. Levin, L. G. Musso Med. rad no 1 73-82 '62.

Study of the functional state of the thyroid gland with the aid of the DSU-60 apparatus. M. N. Fateeva and others. Med rad. no 9 68-71 '61

RADIOMETER

New radiometer for field measurements. A. Zaitsev. Vest sel'khoz nauki 6 no. 11:129 N '61.

RADIOSONDES

Eliminating radiation errors of the comb radiosonde from aeroclimatic temperature data I. G. Guterman. Trudy NIAK no. 14:109-119 '61.

RADIOTELEGRAPH

Closed radio circuit for field training. M. Kulev, K. Gadzhibeklinskii. Voen. vest 41 no. 7:99-102 Jl '61.

The courses are directed by a seargent of the reserves, M. Igoshin. Radio no. 2:13 F '62

RADIOTELEGRAPH—EQUIPMENT AND SUPPLIES

Tone manipulator. M. Balashov. Radio no. 2:35-36, 40 F '62.

RADIOTELESCOPE see Telescope, Radio

RADIOTHERAPY

Late observations on patients exposed to radiation therapy [with summary in English]. M. P. Domshlak and others. Med. rad no 1 10-16 '62

Radiotherapy of reticulosarcomas. I. A. Pereslegin, N. A. Peresleni, E. M. Fil'kova. Med. rad. no. 6:11-14 '61.

Reactions to radiation action and injuries of the eye during radiotherapy of skin cancer of the face and eyelids. IU. A. Bystrova Med. rad. no. 6:17-22 '61.

Significance of individualization and standardization in rational radiotherapy of patients with cancer of the cervix uteri V. P. Tobilevich. Vop. onk. 7 no. 8:36-42 '61.

Some results of and prospects for scientific and applied research in radiation therapy. I. N. Ivanov. Med. rad. no. 1:3-10 '62.

Tomography as an efficiency test for radiation therapy in laryngeal cancer [with summary in English]. A. I. Pozmogov. Zhur. ush., nos. i gorl. bol. 21 no. 4:37-41 Jl-Ag '61.

RADIOTHERAPY—EQUIPMENT AND SUPPLIES

Protective apparatus for dosimetric intracavitary and intratissue administration of radioactive colloidal gold [with summary in English]. A. IA. Berlovskii. Med. rad. no. 7:68-70 '61.

RADIOTHERAPY—PHYSIOLOGICAL EFFECT

Effect of therapeutic doses of ionizing radiations on the content of vitamins B_6 and B_{12} in the blood serum [with summary in English]. M. M. Nivinskaia, V. P. Alferova, K. P. Rogova. Med. rad. no. 1:40-45 '62.

RADISHES

Dwarf form of radish [with summary in English]. S. I. Narbut. Issl. po gen. no. 1 48-60 '61.

RADISHES—VARIETIES

Variation of fertility in inbred radish varieties [with summary in English]. S. I. Narbut. Issl. po gen. no. 1 139-148 '61.

RADIUM—THERAPEUTIC USE

Tables for the computation of the radiation absorption dose in rads in curietherapy of cancer of the cervix uteri. V. V. Kholin, V. P. Luk'ianov. Med. rad. no. 1: 32-34 '62.

RADON—PHYSIOLOGICAL EFFECT

Action of radon radiations and the products of its decomposition on hematopoietic processes O IU Volkova, A. D. Tashlinskaia, M. S. Kagan. Med rad no. 9 54-63 '61.

RADON—THERAPEUTIC USE

Energy of radiations absorbed by the human body during radon baths. S. V. Andreev. Med. rad. no. 6:29-37 '61.

Improvement of the method for preparing radon baths. F. L. Zamberg. Vop. kur., fizioter. i lech. fiz. kul't. 26 no. 4, 350-352 Jl-Ag '61.

Radon baths in the treatment of infectious nonspecific polyarthritis. M. Z Pogorelova, V. G. Savina Vrach delo no 6:150-151 Je '61

Role of radon radiations and the products of its decomposition in bringing about the therapeutic action of radon baths in functional and inflammatory diseases of the stomach R L Blokh Med rad. no 9 48-53 '61

Treatment of gynecologic patients with subacute inflammatory diseases by radon baths combined with ultraviolet ray erythema therapy. A. V. Lisanuel', Vop. kur., fizioter. i lech. fiz. kul't. 26 no. 4:326-332 Jl-Ag '61.

Treatment of nervous system diseases with radon water at Mironovka Health Resort. D. I. Pronin. Vop. kur., fizioter. i lech. fiz. kul't. 26 no. 4 352-354 Jl-Ag '61.

Treatment of stenocardia by local radon baths of high concentrations. A. IA. Gubergrits, L. A. Leshchinskii. Vop. kur., fizioter. i lech. fiz. kul't. 26 no. 4, 320-322 Jl-Ag '61.

Use of radon, carbon dioxide and oxygen baths in the complex of sanatorium treatment of hypertension. O. P. Sorokina, I. I. Petruchenko. Vop. kur., fizioter. i lech. fiz. kul't. 26 no. 4:323-326 Jl-Ag '61.

RAFFAELE SANZIO, 1483-1520

Eliasberg, N. E. [Raphael] Rafael', [Moskva] Gos. izd-vo "Iskusstvo," 1961. 52 p. illus.

RAILROAD BRIDGES—MAINTENANCE AND REPAIR

Improvement of bridge maintenance is the most important task. Put' i put. khoz. 5 no. 12:35-36 D '61.

RAILROAD ENGINEERING

Scientific and technical conference in the Moscow Institute of Railroad Engineers. Put' i put. khoz. 5 no. 12:37 D '61.

Standards and technical specifications for railroad planning and designing N. P. Belen'kii, G. Z Vertsman. Put' i put. khoz 5 no. 12:33-35 D '61

RAILROAD LAW

The proposed "Basic Principles of the Civil Law of the U. S. S. R. and the Union Republics." O Pohorchyi, P. Rohozin. Rad. pravo no. 4:97-99 Jl-Ag '61

RAILROAD RESEARCH

(see also subdivision under Rumania)

In the departments and laboratories of the Central Scientific Research Institute of the Ministry of Railroad Transportation Vest TSNII MPS 20 no 8 62 '61.

RAILROADS

(see also subdivision under Czechoslovakia; Rumania)

Answering readers' queries. Put' i put. khoz. 5 no. 12:41 D '61.

The Communist Party as the leader of Soviet workers in the struggle for the reconstruction of railroads in the period of "second peaceful breathing spell," January-April 1920. K. I. Antonova. Uch. zap. MOPI 95:359-406 '61.

Concentrate all efforts on putting the program for the establishment of communism into practice. E. T. Chernichenko. Elek. i tepl. tiaga 5 no. 12:1-3 D '61.

Fly faster, trains! N. Pokidov. Znan. sila 37 no. 1:1-5 Ja '62.

Letters to the editor. M. A. Semenov and others. Put' i put. khoz. 5 no. 12:40-41 D '61.

Panfilov, K. K. [Automation and remote control on railroads] Avtomatika i telemekhanika na zheleznykh dorogakh. Kiev, 1961. 46 p. (Obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii Ukrainskoi SSR. Ser. 7, no. 10)

RAILROADS—BRAKES

Discussion of Boiko and Senderov's article "Is there a need for emergency braking boosters on freight trains?" V. T. Rusanov and others. Elek. i tepl tiaga 5 no. 12:26-27 D '61

A lever brake transmission for railroad cars. L. A. Vukolov. Vest. TSNII MPS 20 no. 9 34-37 '61.

RAILROADS—BUILDINGS AND STRUCTURES

Design of railroad engineering structures for earthquake activity. Trudy TSNIISK no 6:190-212 '61.

RAILROADS—CARS

(see also subdivision under Baku)

Studying the resistance to motion of freight and passenger cars with roller bearings. V. S. Sharonin, IU. M. Proskurina, V. E. Pini. Trudy TSNII MPS no. 221:25-45 '61.

RAILROADS—CARS—MAINTENANCE AND REPAIR

Kogan, P. Kh. [Electrochemical methods for processing the aluminum parts of passenger cars; practices of the car barn of the Kiev Station of the Southwest Railroad] Elektrokhimicheskie sposoby obrabotki alliuminievykh detalei passazhirskikh vagonov; opyt vagonnogo depo stantsii Kiev IUgo-Zapadnoi dorogi. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1961. 44 p.

RAILROADS—COMMUNICATION SYSTEMS see subdivision under Rumania

RAILROADS—CONSOLIDATION

Need for the consolidation of the main and industrial transportation IA. N. Krivenko Zhel. dor transp 43 no 12 43-46 D '61

RAILROADS—CONSTRUCTION

Ways to improve business accounting in the organizations of transportation construction. M. Shraibman. Ekon. stroi. no. 12:42-44 D '61

RAILROADS—COST OF OPERATION

Costs structure of the initial and terminal railroad freight operations and ways to reduce them. IA. F. Grinenko. Trudy MIIT no. 142 124-131 '61.

Effect of the quality indices of operation on the costs of freight transportation in connection with various types of traction. S. A. Obukhov. Trudy MIIT no. 142:28-65 '61.

Zakharov, A. G., G. A. Shishov, and Z. I. Zakharova. [Economic evaluation of the operational indices of railroads] Ekonomicheskaia otsenka ekspluatatsionnykh pokazatelei raboty dorog. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soob., 1961. 174 p. (Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. Trudy, no. 218)

RAILROADS—CROSSINGS

Order and organization in moving troops at railroad crossings. A. Furman. Voen. vest. 41 no. 9 63-65 S '61.

RAILROADS—ELECTRIFICATION

Electrification of railroads during 1962. E. F. Rudol, A. P. Kuchko Elek. i tepl tiaga 6 no. 1:1-4 Ja '62

Electrification of the Gorkyi Railroad. K. I. Pakhtusov. Zhel. dor. transp. 43 no. 12 90 D '61.

Over-all electrification of the Moscow-Bologoye section V. V. Okunev Zhel. dor. transp 43 no. 12 83-87 D '61.

RAILROADS—ELECTRIFICATION—FINANCE

Larina, M. N., N. V. Trubnik, and V. P. Zholnov. [Production and financial plan and business accounting of a power supply section] Proizvodstvenno-finansovyi plan i khozlaistvennyi raschet uchastka energosnabzhenila. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1961. 106 p.

RAILROADS—EMPLOYEES

(see also subdivision under Kazakhstan; Tiflis)

Looking into the future. A. P. Tikhonov. Put' i put. khoz. 5 no. 12:6 D '61.

Our aim is communism. D. D. Matveenko. Put' i put. khoz. 5 no. 12:4 D '61.

TSentral'nyi dom kul'tury zheleznodorozhnikov. [A methodological manual for the celebration of All-Union Railroad Day by the cultural and educational institutions of Soviet railroads] Metodicheskoe posobie k Vsesoiuznomu dniu zheleznodorozhnika; v pomoshch' kul'turno-prosvetitel'nym uchrezhdeniiam zheleznodorozhnogo transporta. Moskva, Transzheldorizdat, 1960. 117 p.

We shall work even better. A. A. St'' khoz. 5 no. 12:3 D '61.

RAILROADS—EMPLOYEES—EDUC/

The training of specialists has to b tasks M. A. Chernyshev. Put'' D '61.

RAILROADS—EQUIPMENT AND S

Present-day trends in the develop leveling and tie tamping machin Trudy TSNII MPS no. 217:9-24

RAILROADS—FREIGHT

Buzanov, S. P., and others. [Tra and piece goods on pallets in for vozka tarno-shtuchnykh gruzov i zhom. Moskva, Vses. in-t nauc 1960. 79 p.

Costs structure of the initial and operations and ways to reduce t Trudy MIIT no. 142:124-131 '6

Further improvement of wage sy crew workers engaged in freigh kova Trudy MIIT no. 136:43-

Goncharov, N. G., and G. P. Efim nonstandard size and heavy-wei negabaritnykh i tiazhelovesnykh i dop. Moskva, Vses. izdatel'sk M-va putei soobshchenila, 1961.

Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. [Methods of determining freight weight] Sposoby opredelenila vesa gruzov. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soob., 1961, 117 p. (Trudy, no. 215)

Osipov, V. T. [Freight routing and improvements of its efficiency] Marshrutizatsiia perevozok i povyshenie ee effektivnosti. Moskva, Izd-vo Akad. nauk SSSR, 1962. 247 p.

Rate of freight transportation growth on single-track lines V V Kligman Trudy MIIT no. 137 118-121 '61

RAILROADS—FREIGHT CARS

Determining the order of car feeding to the loading and unloading areas and of their removal I G Kostenko Trudy MIIT no 137 46-54 '61

New types of machines. Tyl i snab. Sov. Voor. Sil 21 no. 10:84-86 O '61.

Technical and economic advantages of the conversion of freight cars on roller bearings. N. D. Ershkov. Trudy TSNII MPS no. 221:46-55 '61.

RAILROADS—FREIGHT CARS—MAINTENANCE AND REPAIR

Pogorelyi, B. G. [Organization of freight car maintenance and repair in the depot, practices of the car depot of the Liublino Station of the Moscow Railroad] Organizatsiia remonta gruzovykh vagonov v depo, opyt raboty vagonnogo depo stantsii Liublino Moskovskoi dorogi. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1961 75 p.

RAILROADS—HUMP YARDS

Advantages of a concentration of the classification operations K. A. Berngard. Zhel dor transp 43 no 12 52-56 D '61.

Effect of train weight on the volume of maneuvering work at classification stations. N E Borovoi Trudy MIIT no 137 25-45 '61.

Reorganization of the equipment of classification yards and improvement of the technology of their operations E V. Stepanov. Zhel. dor. transp 43 no 12:76-83 D '61

Todres, V. N. [Handbook of the brigade engaged in making up trains] Posobie sostavitel'skoi brigade. Moskva, Vses. izdatel'sko-poligr ob"edinenie M-va putei soobshchenila, 1960. 222 p.

RAILROADS—INTERNATIONAL COOPERATION see subdivision under Rumania

RAILROADS—LABOR PRODUCTIVITY

Aiming for a better track. Z. G. Gumnitskii. Put' i put. khoz. 5 no. 12:5 D '61.

Analytical accounting method for evaluating the effect of the qualitative indices of the operations on the labor productivity of the railroad transportation workers. S. A. Obukhov. Trudy MIIT no. 136:53-84 '61.

Competition for a higher labor productivity. A. N. Isaev. Put' i put. khoz. 5 no. 12:7 D '61.

Complexly consolidated method of car repairs and its effect on labor productivity. D. A. Fursov. Trudy MIIT no. 136:23-34 '61

The decisions of the Congress must be put into practice. I. I Nefedov. Put' i put khoz. 5 no 12:5 D '61.

Measurement of labor productivity in connection with the use of various types of traction for transportation. V. O. Bondarenko. Trudy MIIT no. 136:51-57 '61.

New work methods in the section. A. S. Skurikhin Zhel. dor transp 43 no 12:57-63 D '61

Planning the correct correlation between the rates of growth of labor productivity and wages in railroad transportation. R. A. Chesnokova. Trudy MIIT no 136:35-42 '61

RAILROADS -- MAINTENANCE AND REPAIR (Continued)

Using a bulldozer for cleaning ditches and trenches. V. A. Zhukov. Put' i put. khoz. 5 no. 12:36 D '61.

We shall replace manual labor by machines. N. N. Gulenko Put' i put. khoz 5 no. 12 9 D '61.

RAILROADS—MAKING UP TRAINS

Effect of the modifications of the train make up plan on the basic indices of the operations. N. P Sheipak. Vest. TSNII MPS 20 no 8 44-47 '61.

Effect of train weight on the volume of maneuvering work at classification stations N E Borovoi. Trudy MIIT no. 137 25-45 '61.

An important condition for the acceleration of transportation is the routing of car flows. Zhel dor transp. 43 no 12 69-73 D '61.

Methods of calculating the efficiency of shipper's special destination trains. V. M. Akulinichev. Trudy MIIT no 137 96-117 '61.

Todres, V. N. [Handbook of the brigade engaged in making up trains] Posobie sostavitel'skoi brigade. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1960. 222 p.

RAILROADS—MANAGEMENT

Economic advantages of diesel traction on small traffic lines. A. N. Efanov. Trudy MIIT no. 142:66-81 '61.

Effect of the modifications of the train make up plan on the basic indices of the operations N P. Sheipak. Vest. TSNII MPS 20 no 8 44-47 '61

New work methods in the section. A S. Skurikhin Zhel. dor transp. 43 no. 12 57-63 D '61.

Optimum weight norms for transfer trains at junction stations K. K. Tikhonov. Trudy MIIT no. 137:55-95 '61

The over-all use of new technology is an important condition for reducing the labor input in the operation of railroad transportation. V. O. Bondarenko. Trudy MIIT no. 142:5-27 '61.

Potentials of the growth of labor productivity in the manufacturing sections of the car repair shops. D. A. Fursov. Trudy MIIT no. 136:13-22 '61.

T'Sirlin, B. Kh. [Experiment in increasing the traffic capacity; from practices of the Stalinogorsk Division of the Moscow Railroad] Opyt usilenila propusknoi sposobnosti, iz praktiki Stalinogoroskogo otdelenila Moskovskoi dorogi. Moskva, Vses izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1961 19 p.

RAILROADS—PASSENGER CARS

Construction of all-aluminum passenger cars. D. M. Rabkin, I. M. Savich, T. S. Rozhdestvenskaia. Avtom svar. 15 no. 2 60-65 F '62.

Lazanskii, G. A., ed. [Maintenance and repair of all-metal passenger cars] Ustroistvo i remont tsel'nometallicheskikh passazhirskikh vagonov. Moskva, Gos. transp. zhel. -dor. izd-vo, 1952. 374 p.

AILROADS—RAILS

Operational strength of modern rails. P. P. TSukanov. Trudy TSNII MPS no. 220:4-31 '61.

RAILROADS—RAILS—DEFECTS

Effect of carbon and manganese content of rail steel on the formation of rail defects 82 and 84 P. P. TSukanov, L. M. Shkol'nik. Trudy TSNII MPS no. 220:70-85 '61.

Effect of various operational factors on the formation and development of rail defects 82 and 84. P. P. TSukanov. Trudy TSNII MPS no 220:49-69 '61.

Nature and characteristics of the development of shelling and transverse cracking on rail head sides. L. M. Shkol'nik. Trudy TSNII MPS no. 220:32-48 '61.

RAILROADS—RAILS—TESTING

Effect of the rail head shape on the intensity of the development of the side wear and defect 82. L. P. Melent'ev. Trudy TSNII MPS no 220:123-143 '61.

Good preformance of the URD-58 defectoscope. V. K. Duchenko. Put' i put. khoz. 5 no. 12:31-32 D '61.

Results of observations conducted on the development of the side wear of rails in various operational conditions. L. P. Melent'ev. Trudy TSNII MPS no. 220:100-122 '61.

Results of the field testing of experimental rail shapes (R3, R4, RT50). S. A. Linev. Trudy TSNII MPS no. 220:86-99 '61.

RAILROADS—RAILS—WELDING

Important problem. B. V. Sorokin. Put' i put. khoz. 5 no. 12:16 D '61.

Improved method of rail welding. D. A. Belashov. Put' i put. khoz. 5 no. 12:16 D '61.

RAILROADS—RATES

Planning of rates and profitableness of railroads. V. G. Pertsev. Trudy MIIT no. 142:82-96 '61.

RAILROADS—REPAIR SHOPS

Complexly consolidated method of car repairs and its effect on labor productivity. D. A. Fursov. Trudy MIIT no. 136:23-34 '61.

Over-all mechanization of car repairs. V. M. TSimidanov. Zhel dor. transp. 43 no. 12:74-76 D '61.

Potentials of the growth of labor productivity in the manufacturing sections of the car repair shops. D. A. Fursov. Trudy MIIT no 136,13-22 '61

Russia (1923- U. S. S. R.) Ministerstvo putei soobshchenila [Analysis of the production and managerial operations of car depots; methodological handbook] Analiz proizvodstvenno-khoziaistvennoi deiatel'nosti vagonnykh depo, metodicheskoe posobie. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1961. 36 p.

RAILROADS—ROLLING STOCK
(see also subdivision under Rumania)

Searching for an efficient design of the axle box body for a rolling stock with roller bearings. I. V. Slushkin Trudy TSNII MPS no. 221 110-136 '61.

RAILROADS—ROUNDHOUSES

Safety and industrial sanitation regulations for locomotive depots. Elek. i tepl. tiaga 5 no. 12, 35 D '61

RAILROADS—SAFETY MEASURES

The base of a flawless operation of transportation is the safety of train traffic M. I. Koshliak Zhel. dor. transp 43 no 12 47-51 D '61

Russia (1923- U. S. S. R.) Glavnoe upravlenie signalizatsila i sviazi. [Safety engineering regulations and instructions in connection with the maintenance and repair of central block signaling and communication systems on railroads] Pravila i instruktsila po tekhniko bezopasnosti pri obsluzhivanii i remonte ustroistv STsB i sviazi na zheleznodorozhnom transporte. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1961. 124 p.

RAILROADS—SALARIES, PENSIONS, ETC.

Answering readers' queries. IA. A. Zel'vianskii. Elek. i tepl. tiaga 6 no 1:42 Ja '62.

Further improvement of wage systems for the locomotive crew workers engaged in freight traffic. R. A. Chesnokova. Trudy MIIT no. 136:43-50 '61.

On the order for paying bonuses to the workers of locomotive and train crews for the operation of heavy trains. Biul. Gos. kom. po vop. truda i zar. platy no 11: 16 '61.

Planning the correct correlation between the rates of growth of labor productivity and wages in railroad transportation. R. A. Chesnokova. Trudy MIIT no. 136:35-42 '61.

Sharing in accordance with labor and regulating wages in railroad transportation. A. V. Orlov. Trudy MIIT no 136:85-94 '61.

Supplement to regulation No. 705/10, September 11-17, 1959 of the State Committee on Problems of Labor and Wages of the Council of Ministers of the U. S. S. R. and the Presidium of the All-Union Central Council of Trade Unions. Biul. Gos. kom. po vop truda i zar platy no 11: 17 '61.

RAILROADS—SIGNALING—BLOCK SYSTEM

Bryleev, A. M., and others. [New systems of coded automatic block signaling] Novye sistemy kodovoi avtoblokirovki. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soob., 1961. 135 p. (Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. Trudy, no. 219)

RAILROADS—SIGNALING—CENTRALIZED TRAFFIC CONTROL

Application of calculating machines in the centralized traffic control systems. N. A. Bulkin Zhel. dor. transp. 43 no. 12:63-68 D '61.

RAILROADS—SIGNALING—INTERLOCKING SYSTEMS

Karvatskii, S. B., and others. [New systems of coded interlocking] Novye sistemy kodovoi tsentralizatsii. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1961. 30 p.

RAILROADS—SNOW PROTECTION AND REMOVAL

Cleaning the spacing between rails after snow storms. V. I. Andreev. Put' i put. khoz 5 no. 12:28 D '61.

A unified technological process for snow removal in stations. V. N. Ponyrko. Put' i put. khoz. 5 no. 12, 25-27 D '61.

RAILROADS—SNOWPLOWS

Modernization of snow removal machinery. P. P. Nedashkovskii. Put' i put. khoz. 5 no. 12:22-24 D '61.

Railroad motorcar with a plow attachment for snow removal. N. G. Nikitin. Put' i put. khoz. 5 no. 12:28 D '61.

RAILROADS—SURVEYING

Use of stereomodels in location surveys of railroads. G. K. Fedorov. Geod. i kart. no. 11 41-46 N '61.

RAILROADS—SWITCHES

Application of calculating machines in the centralized traffic control systems N. A. Bulkin. Zhel. dor. transp. 43 no. 12:63-68 D '61.

RAILROADS—TIES see subdivision under Riga

RAILROADS—TIMETABLES

[Timetable of suburban trains on the lines Moscow - Klin - Zavidovo, Klin - Kalinin, Klin - Vysokovskaya, Kalinin - Vasil'yevskii Mokh, and Kalinin - Bologoye of the Oktiabr' Railroad. Summer 1961] Raspisanie dvizhenila prigorodnykh poezdov Moskva - Klin - Zavidovo, Klin - Kalinin, Klin - Vysokovskala, Kalinin - Vasil'evskii Mokh, Kalinin - Bologoe Oktiabr'skoi zh. d Leto 1961 g. [Moskva] Transzheldorizdat, [1961] 55 p.

RAILROADS—TRACK
(see also subdivision under Rumania)

Determining the side pressure exerted by cars on the track on curves. O. P Ershkov Vest. TSNII MPS 20 no 8 54-58 '61

Force method for determining the characteristics of the track condition. V. V. Abashkin and others. Trudy TSNII MPS no. 221:175-200 '61.

From practices of the maintenance of a continuous track. N V Laiko and others. Put' i put khoz. 5 no. 12:12-15 D '61.

Improving the inspection of track conditions under a moving load. Z. D. Tret'iak. Put' i put. khoz. 5 no. 12: 29-30 D '61.

Present-day trends in the development of foreign track leveling and tie tamping machines. G. T. Samorukova. Trudy TSNII MPS no. 217:9-24 '61.

Track alignment during the final stage of the ballast cross section stabilization. A. K. Shafranovskii. Trudy TSNII MPS no. 217:99-106 '61.

Wide horizons. V. G. Al'brekht. Put' i put. khoz. 5 no. 12:11 D '61

RAILROADS—TRAFFIC
(see also subdivision under Rumania)

Application of methods for strengthening single-track lines in connection with growing traffic volume. A. M Makarochkin Trudy MIIT no. 137 144-168 '61.

Effect of passenger trains on the freight traffic on double track lines. IU. G IAlovoi Vest TSNII MPS 20 no 8: 48-51 '61

Order of application of measures for increasing the traffic and loading capacity of single-track lines G. I. Chernomordik, V V Kligman Trudy MIIT no 137 122-141 '61.

RAILROADS—TRAINS

Optimum weight norms for transfer trains at junction stations. K K Tikhonov. Trudy MIIT no. 137.55-95 '61

RAIN MAKING

"Meteotron," a cloud factory. L. Berne. Tekh. mol. 29 no. 12, 28-30 '61

RAKHMANOV, ALEKSANDR NIKOLAEVICH, 1861-

A. N. Rakhmanov; on the 100th anniversary of his birth. A. I. Lagutiaeva. Akush i gin. no. 5, 123-124 '61.

RALSTON, WILLIAM RALSTON SHEDDEN, 1828-1889

Letters written by I. S. Turgenev to William Ralston. V. I. Maslov. Lit. arkh. no. 6:25-33 '61.

RAMS

Method of rating herd rams by the quality of the progeny. G. A. Stakan, A. A. Soskin, F. IA. Vovchenko. Izv. Sib. otd. AN SSSR no. 11:103-113 '61.

RAVENS

Sea raven. E. Popov. IUn. nat. no. 1:36 Ja '62.

RAW MATERIALS

Comprehensive utilization of raw materials is an important potential for increasing the production of food products. Z. TSunts, M Khanzhin. Nar khoz. Uzb. 3 no. 8:67-72 Ag '61.

RAYON

Calculating the strength of rayon cord yarn. D. I. Kalandarov. Izv. vys. ucheb. zav. ;tekh. tekst. prom. no. 6:25-30 '61.

Effect of rayon yarn structure on the crease resistance of fabrics. V. P. Skliannikov, S. S. Paladov. Tekst. prom. 21 no. 5 71-73 My '61.

Quality and shrinkage of rayon tire cord. G. K. Demidov, A. P. Kalashnikova, A. D. Panichev. Tekst. prom. 21 no. 5:13-14 My '61.

RAZUMOVSKII, VASILII IVANOVICH, 1857-1935

Twenty-fifth anniversary of the death of Professor V. I. Razumovskii. A. I. Bernshtein. Vop. kur. fiziolter. i lech. fiz. kul't. 26 no. 6:570 N-D '61.

REACTION, CONDITIONS AND LAWS OF (CHEMISTRY)
see Chemical reaction—Conditions and laws

REACTION-TIME

A[illegible]

pedagog. nauk RSFSR, 1961. 210 p.
[MICROFILM]

RECEPTORS (NEUROLOGY)

Reflex effects from the chemoreceptors of the excretory system on the lymph circulation [with summary in English]. M. I. Kokhanina Biul. eksp biol. i med 52 no. 8:18-21 Ag '61.

RECIDIVISTS

Let's establish a general determination of "vicious criminal offenses committed by recidivists." S Stepichev Sots. zakon. 39 no 1:27-30 Ja '62

RECLAIMED RUBBER see Rubber, Reclaimed

RECLAMATION OF LAND see subdivision under Golodnaya Steppe, Uzbekistan

RECOGNITION (INTERNATIONAL LAW)

"Recognition of foreign governments according to international law" by D. I Fel'dman. Reviewed by L. A. Aleksidze. Izv. vys. ucheb. zav. ,prav. 5 no 4:162-164 '61.

RECONSTRUCTION see subdivision under Gomel' Government; Leningrad; Vietnam, North

RECORDING INSTRUMENTS

Recording the performance of inclined belt conveyers. P. I. Fedorov-Khonichev. Obog. rud. 6 no. 5 43-44 '61.

RECORDS, PHONOGRAPH see Phonorecords

RECREATIONS see Amusements

RECTUM—CANCER

Method for intracavitary use of bulky sources of radiation (Co^{60} macrosuspension) in cancer of the rectum. IU. Kh. Sarkisian. Med. rad. no. 7, 8-13 '61.

Operative treatment of cancer of the rectum [with summary in English]. M. S. Soldatenkov. Sov med. 25 no. 10:81-86 O '61.

RECTUM—INNERVATION

Dynamics of interoceptive exchange reflexes in representatives of different vertebrate groups. Sh. K. Tagiev. Trudy Sekt. fiziol AN Azerb. SSR 4:44-54 '60

Effect of the stimulation of rectal receptors on the calcium content of blood. A. A. Loginov, A. G. Dadashev. Trudy Sekt. fiziol AN Azerb SSR 4:55-62 '60.

RED DEER

Why does a maral fawn have spots? E. Surova. IUn. nat. no. 1:33 Ja '62.

REDUCTION, CHEMICAL

Reduction of proteins as a method for determining their structure. N. A. Poddubnaia. Khim belka no. 1 141-190 '61

REDUCTION, ELECTROLYTIC

Electrochemical reduction of nitric acid on passive and self-dissolving cathodes. E. N. Mirolubov Zhur. prikl. khim. 35 no. 1 132-136 Ja '62.

Reduction of proteins as a method for determining their structure N A. Poddubnaia. Khim. belka no. 1:141-190 '61.

REFLEXES

Abdominal organ specimen for the study of peripheral visceral reflexes. I. A. Bulygin, M. P. Kul'vanovskii Fiziol. zhur. 47 no. 6:780-782 Je '61.

Antsyferova, L. I. [Regularities in elementary cognitive activity] O zakonomernostiakh elementarnoi poznavatel'noi deiatel'nosti. Moskva, Izd-vo Akad nauk SSSR, 1961. 149 p.

Effect of lagochilin ester on conditioned food reflexes. F. A. Ashliddinov, E. A. Beliavskaia. Med. zhur Uzb. no. 7:55-57 Jl '61.

Humoral link of interoceptive chain reflexes. I. A. Bulygin. Dokl. AN BSSR 5 no. 11:520-522 N '61.

Measuring the action effectiveness of a stimulus repeatedly applied. E. N. Sokolov, M. B. Mikhalevskaia. Vop. psikhol. 7 no. 5 183-188 S-O '61.

Mechanism of the influence of the reticular formation on responses from the visual region of the cerebral cortex [with summary in English]. E. S. Monlava, D V. Kadzhaia, S. P. Narikashvili. Zhur. vys. nerv. deiat. 11 no 5,868-877 S-O '61.

Reflexes from receptors in the pericardium in filling the spleen with blood [with summary in English]. I P. Krichevskaia. Biul. eksp. biol. i med. 52 no. 10:19-21 O '61.

Response reactions of the external geniculate body of an anesthetized cat to light flashes of varying frequency and strength [with summary in English]. V. P Dulenko, E N. Sokolov. Zhur. vys nerv. deiat. 11 no. 5,943-950 S-O '61.

Role of the substantia gelatinosa in the reflex activity of the spinal cord. T. K. Iosoliani. Fiziol. zhur. 47 no. 10:1253-1259 O '61.

Some data on the restoration of the neuroreflex regulation of the cardiovascular system in revivification after clinical death [with summary in English]. D. G. Maksimov. Biul. eksp. biol. i med. 52 no. 10:34-38 O '61.

Some dermovegetative and splanchnovegetative reflexes in focal lesions of the spinal cord. Sh. Sh. Shamansurov. Med. zhur. Uzb. no. 6:20-22 Je '61.

Some results of research on visceromotor reflexes; work of the Department of Normal Physiology of the Perm Medical Institute. M. R. Mogendovich. Biul. Ueh. med. sov. 2 no. 6:25-27 N-D '61

REFORESTATION see subdivision under Voronezh Province

REFRACTOMETRY

Covalent metal refractions. S. S. Batsianov. Zhur. strukt. khim. 2 no. 3:361-366 My-Je '61.

REFRACTORIES INDUSTRY—ACCOUNTING

Perlov, I. N. [Calculation and analysis of the economic activity of a refractories plant] Uchet i analiz khoziaistvennoi deiatel'nosti ogneupornogo zavoda. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 335 p.

REFRACTORY MATERIALS

Interaction between open-hearth furnace hearth linings and the components of the charge and products of open-hearth smelting. N. K Ishmukhamedov, S. M. Zubakov Izv AN Kazakh. SSR. Ser. met., obog i ogneup. no 3 105-113 '61.

REFRIGERANTS—THERMAL PROPERTIES

Generalizing thermodynamic properties of refrigerants. I. S. Badyl'kes. Khol. tekh 38 no. 3:37-38 My-Je '61

REFRIGERATION AND REFRIGERATING MACHINERY (see also subdivision under France; Great Britain; Leningrad; White Russia)

Adsorption fillers for manometric thermal sensitive systems of heat control instruments. V. D. Sivachev, L. A. Anufrieva. Khol. tekh. 38 no. 3:44-45 My-Je '61.

Assembling hermetic refrigerating units. G. D. Damulia, IA. A. Kopilovich. Khol tekh. 38 no 6 64-66 N-D '61.

Branch coordinating conference on the manufacturing of refrigerating machinery. Khol. tekh. 38 no. 4:68-69 Jl-Ag '61.

Calculation of the theoretical cycle of steam jet refrigerating machine. B. S. Veinberg. Khol. tekh. 38 no. 5: 47-53 S-O '61.

Characteristics of thermostatic expansion valves. V. M. Shavra, V. B IAkobson. Khol tekh. 38 no. 6:17-24 N-D '61.

Conference at the Leningrad Technological Institute of the Refrigerating Industry Khol. tekh 38 no 6 60 N-D '61.

Determining the optimum intermediate temperature in a two-stage refrigerating machine. G. S. Serdakov. Khol. tekh. 38 no. 3: 25-30 My-Je '61.

Development of research in the field of refrigerating equipment between the two congresses. Sh. N. Kobulashvili. Khol. tekh. 38 no. 5 4-8 S-O '61.

Device for accelerated charging of refrigerating units with freon. S. L. Zhukoborskii. Khol. tekh. 38 no. 3: 49 My-Je '61.

Energy efficiency of different types of cold generators. V. S Martynovskii, L. Z. Mel'tser, I. M. Shnaid. Khol. tekh 38 no. 6:11-16 N-D '61.

For closer creative cooperation between science and industry. Sh. N. Kobulashvili. Khol. tekh. 38 no. 4:1-4 Jl-Ag '61.

Great program of building communism. Khol. tekh. 38 no. 5 1-3 S-O '61.

Instructions on operating small automatic freon refrigerating plants. A. I. Komarov. Khol. tekh 38 no. 3: 50-52 My-Je '61.

KhMFV-20, KhMFU-40, KhMFUU-80 refrigerating freon machines of medium refrigerating capacity. Khol. tekh. 38 no. 5:72-76 S-O '61.

Leak detection in freon refrigerating machines V. A. Tikhomirov. Khol. tekh. 38 no 6:52-55 N-D '61.

Low-temperature coolers for storing frozen biological material [with summary in English on page 70]. N. T Kurdiashov, N. S. Kiseleva. Khol. tekh. 38 no. 4:46-47 Jl-Ag '61.

Manufacturing new refrigerating equipment. M. G. Shumelishskii. Khol. tekh. 38 no. 5:13-19 S-O '61.

Operational efficiency of the turbine of an air refrigerating plant [with summary in English on page 78] A. E. Plotnikov, V. V. Sazonkin. Khol. tekh. 38 no. 4:14-16 Jl-Ag '61.

Plenum of the scientific and technical council on coordination. Khol. tekh. 38 no. 3: 64-66 My-Je '61.

Production of refrigerating machinery and the 22d Congress of the CPSU. P. A. Mineev. Khol. tekh. 38 no. 5:8-12 S-O '61.

"Refrigerating machines and units" by N. K. Pokrovskii. Reviewed by I. S. Badyl'kes. Khol. tekh. 38 no. 6:56 N-D '61.

[Refrigeration engineering; encyclopedia in three volumes] Kholodil'naia tekhnika; entsiklopedicheskii spravochnik v trekh knigakh. Glav. red. Sh. N. Kobulashvili i dr. [Leningrad] Gostorgizdat.

Vol. 2. [Refrigeration in industry and transportation] Primenenie kholoda v promyshlennosti i na transporte. 1961. 575 p.

"Refrigeration engineering. Vol. 1. Techniques of the production of artificial cold." Reviewed by S. G. Chuklin, V. F. Chaikovskii. Khol. tekh. 38 no. 5 66-67 S-O '61.

TDR-15 turboexpander for the BR-5 unit of the All-Union Scientific Research Institute of Oxygen Apparatus and Machinery. A. B. Davydov. Trudy VNIIKIMASH no. 4 26-37 '61

Thermoelectric refrigerator powered by thermal energy [with summary in English on page 78]. I. N. Pomazanov, P. L. Tikhomirov. Khol. tekh. 38 no. 4, 24-27 Jl-Ag '61.

Using the principle of "exergy" for testing the refrigerating equipment. V. M. Brodianskii, L. E. Medovar. Khol. tekh. 38 no. 5 41-47 S-O '61.

Utilizing the energy of expansion of a refrigerant in a jet pump [with summary in English on page 78]. T. M. Sutyrina. Khol. tekh. 38 no. 4:19-24 Jl-Ag '61.

Worthy welcome to the 22d Congress of the CPSU. Khol. tekh. 38 no. 4:5-13 Jl-Ag '61.

Zelikovskii, I. Kh., and I. A. El'kin. [Hermetically sealed refrigerating machines] Germetichnye kholodil'nye mashiny. Moskva, Gos. izd-vo torg. lit-ry 1961. 190 p

REFRIGERATION AND REFRIGERATING MACHINERY—BIBLIOGRAPHY see Bibliography—Refrigeration and refrigerating machinery

REFRIGERATION AND REFRIGERATING MACHINERY—CORROSION

Corrosion of shell and tube condensers in cooling plants. A. Verkhoshapov, V. Chuvin. Mor. flot 22 no. 1:29-30 Ja '62.

REFRIGERATION AND REFRIGERATING MACHINERY—EXHIBITIONS

Decision of the seminar of the thematic exhibit "Use of cold in the fishing industry" organized by the Pavilion of the Fishing Industry at the Exhibition of the Achievements of the National Economy of the U. S. S. R. from Oct. 30 through Nov. 3, 1961. Ryb. khoz. 38 no. 1: 65-71 '62.

The thematic exhibit "Use of cold in the fishing industry." A. V. Kan. Ryb. khoz. 38 no. 1:47-65 '62.

REFRIGERATION AND REFRIGERATING MACHINERY—MAINTENANCE AND REPAIR

"Repairing refrigerating machines and units," by A. M. Zhavoronkov. Reviewed by P. K. Filippov. Khol. tekh. 38 no. 5:67-69 S-O '61.

REFRIGERATION AND REFRIGERATING MACHINERY—PERIODICALS

Conference of the readers of "Kholodil'naia tekhnika" in Leningrad. Khol. tekh. 38 no. 6 61 N-D '61.

REFRIGERATION AND REFRIGERATING MACHINERY—RESEARCH

Co-ordination of scientific research is a problem of the utmost importance. Sh. N. Kobulashvili. Khol. tekh. 38 no. 3:1-3 My-Je '61.

REFRIGERATION ON SHIPS

Exhibition and seminar on the use of refrigeration in the fishing industry. Khol. tekh. 38 no. 6:62-63 N-D '61

Refrigeration in the Soviet fishing industry. E. G. Pavlov Khol. tekh. 38 no. 6:4-7 N-D '61.

REFRIGERATOR CARS

Development of the refrigerator-car transportation during the current seven-year plan. M. S. Martynov. Khol. tekh. 38 no. 5:20-21 S-O '61.

"Refrigerated rail transportation," by S. F. Matalasov. Reviewed by S. N. Kochetov, V. Kh. Pechenkin. Khol. tekh. 38 no. 6:57 N-D '61.

REFRIGERATOR SHIPS

Mechanized production line in the fish freezing section V. A. Sirchenko, G. S. Shustikov. Sudostroenie 27 no. 11:17-18 N '61.

REFRIGERATORS

Home refrigerators with plastic bodies (from "Die Kälte no. 10, 1960). V. P. Alekseev. Khol. tekh. 38 no. 3:70-71 My-Je '61.

KKh-240 ZIL-Moskva home refrigerator and its technical and economic indices. V. I. Ivashov, E. E. Zysser. Khol tekh. 38 no. 5, 36-41 S-O '61.

New V - 14 frozen food box for self-service stores. A. Kuznetsova, T. A. Dracheva. Khol. tekh. 38 no. 6:34-37 N-D '61.

Using balancers in the production of compressors for home refrigerators [with summary in English on page 70]. A. D. Maliarchikov. Khol. tekh. 38 no. 4:30-42 Jl-Ag '61.

REFRIGERATORS—MAINTENANCE AND REPAIR

Assortment of metals for preventative maintenance and repair of refrigerators. Khol. tekh. 38 no. 3:76 My-'61.

REFUSE AND REFUSE DISPOSAL

Valuable garbage. N. Sukhiashvili. NTO 3 no 12:22 '61.

We should be frugal. E. Vasil'eva. Otv. na vop. rab. no. 12:50-58 '61.

REGENERATION (BIOLOGY)

Changes in Hassall's corpuscles during thymus regeneration under X-ray irradiation [with summary in English] D G Malkina. Biul eksp. biol. i med 52 no. 10 104-109 O '61

Cyanocobalamine and reparative processes in the organism. S. V. Andreev. Vit. res. i ikh isp. no. 5: 168-174 '61.

Liver regeneration in anurous amphibia [with summary in English]. L. D. Liozner. Biul. eksp. biol. i med 52 no. 8:98-101.

Organic regeneration of skeletal muscles in rats [with summary in English]. G M. Litver and others. Biul eksp. biol. i med. 52 no. 8:101-105 Ag '61.

Some clinical observations of the effect of vitamin B_{12} on the regeneration of bone tissue in femoral fractures. L. A. Smirnova. Vit. res. i ikh isp. no. 5:250-255 '61.

Spleen regeneration after changes caused by live antiplague vaccine [with summary in English]. S L. Blinkher, G. V. Kharlova. Biul. eksp biol. i med. 52 no. 8:105-110 Ag '61

Stimulation for regeneration of the articular cartilage with fish liver oil and ASD preparation (3d fraction) [with summary in English]. I. I. Khvorostukhin. Biul. eksp. biol. i med. 52 no. 10 96-100 O '61

Use of cyanocobalamine in restoring the functions of the peripheral nerves after a suture. N.N Priorov, S.V. Andreev, T.I.Cherkasova. Vit.res.i ikh isp. no.5: 175-188 '61.

REGULES, MARISA

Guests from Argentina. M. S. Sov muz 25 no. 12:108 D '61.

REINDEER

(see also subdivision under Chukchi Peninsula)

Zhiguncv, P.S., ed. [Northern reindeer breeding] Severnoe olenovodstvo. Izd. 2., perer. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 518 p. (DA)

REINDORFF, GUNTHER-FRIEDRICH, 1889-

Lati, H. Gunther Reinderff. Tallinn, Eesti NSV Kunst, 1960 35 p. illus. [In Estonian with summary in Russian]

REINFORCED CONCRETE

Temperature strains and stresses in reinforced concrete due to the difference between the thermophysical properties of steel and concrete [with summary in English]. A. M. Podval'nyi. Inzh.-fiz. zhur. 5 no. 2:113-116 F '62.

REINFORCED CONCRETE CONSTRUCTION

Mesh-reinforced concrete is a modern material. A. Simonov. Stroitel' no. 11:22-23, 4 of cover N '61.

REINFORCEMENT IN CONCRETE see Concrete reinforcement

RELATIVITY (PHYSICS)

Concerning the "clock paradox" in the theory of relativity. I. I. Gol'denblat Izv. vys ucheb. zav , fiz. no 6:38-42 '61

Equations of motion for rotating bodies, having charges and magnetic moments, in the general theory of relativity. A. P. Riabushko. Izv. vys. ucheb. zav. ; fiz no. 6:3-13 '61.

Fok, V.A. [Theory of space, time, and gravitation] Teoriia prostranstva, vremeni i tiagotenila. Izd. 2., dop Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 503 p.

"Inevitability of the strange world" by Danil Danin. Reviewed by A. Glukhov. Znan. sila 37 no. 1:44 Ja '62.

Petrov, A. Z. [Space, time, and matter; elementary outline of the modern theory of relativity] Prostranstvo-vremia i materiia; elementarnyi ocherk sovremennoi teorii otnositel'nosti. [Kazan'] Izd-vo Kazanskogo univ., 1961. 70 p.

Vil'nyts'kyi, M. B. [Lenin on space and time and the theory of relativity] Lenin pro prostir i chas ta teoriia vidnosnosti. Kyiv, 1961. 48 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. I, no. 23)

RELATIVITY (PHYSICS)—STUDY AND TEACHING

Let's acquaint students with the relativity theory. M. I. Levin. Srad. spets. obr. 9 no. 1:42-43 Ja '62.

RELAYS, ELECTRIC see Electric relays

RELIGION

Children torturers of our days. Anatolii Belov. Sem'ia i shkola 16 no. 12:38-39 D '61.

Why the believers are cutting their ties with religion? S. Khudiakov Otv. na vop. trud. no. 2: 58-64 '61.

RELIGION—BIBLIOGRAPHY see Bibliography—Religion

RELIGION AND COMMUNISM see Communism and religion

REMOTE CONTROL

Adjustment and operation of BSK-54 signaling and remote control devices. S. M. Donskikh, V. Z. Zhuk. Elek. sta. 32 no. 12:73-74 D '61.

Automatic and remote control of pipeline transportation of oil. L. B. Kublanovskii, D O Olegov Trudy VNII no. 35:129-141 '61.

Automation, remote control and communications on the Rumanian railroads P Mihailescu Zhel. dor transp 43 no 12 26-31 D '61

ChTP-1 remote control and dispatcher control system for beam wells A. A. Abdullaev and others. Azerb. neft. khoz 40 no 9:39-41 S '61

KChs-1 frequency-combination remote control system V. K. Zhegalov. Trudy VNII no 35:122-128 '61.

Maintenance of electric substations by mechanics on duty at home subject to call I. M. Katyshev. Elek. i tepl tiaga 4 no. 12,15-16 D '61

Panfilov, K.K. [Automation and remote control on railroads] Avtomatika i telemekhanika na zheleznykh dorogakh. Kiev, 1961 46 p. (Obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii Ukrainskoi SSR Ser 7, no. 10)

Problem concerning the reliability of remote control system [with summary in English] V. A. Lutskii Avtom i telem. 23 no. 1,116-121 Ja '62.

Remote control circuit for outdoor lighting. IU. G. Barybin, M. I. IAlovetskii. Prom energ 16 no 6:25-26 Je '61

Remote control network of a dump cart. I. M. Aronov. Prom. energ. 15 no 8:28-30 Ag '60.

Remote control of drying conditions. P. I. Soldatov. Trudy GIEKI no. 4:99-106 '60.

Remote control system of the BR-5 air separation apparatus of the All-Union Scientific Research Institute of Oxygen Apparatus and Machinery. B. V. Denishchuk, N. M. Isaev. Trudy VNIIKIMASH no 4:87-100 '61

Stabilization and remote control of the consumption of liquid fuel in industrial furnaces. A. E. Fradkin, I. S. Rozenblium. Trudy GIEKI no. 4:93-98 '60.

Study of the stability of resonance relay networks for the ChT-3 type system. A. L. Abrukin, D. O. Olegov Trudy VNII no. 35:117-121 '61

Technical progress in the oil production of the R.S.F.S.R. in the period following the 20th Congress of the CPSU D. D. Gruz'. Neft. khoz. 39 no. 10 8-12 O '61.

Telemechanics and centralized control of technological processes. F. E. Temnikov. Priborostroenie no. 1: 8-10 Ja '62

Theory and practice of constructing frequency remote control systems for distributed objects A. L. Abrukin. Trudy VNII no. 35:61-97 '61

Using power distributing networks in oil fields for transmitting communication and remote control signals M. E. Plekhanova, V. K. Zhegalov. Trudy VNII no. 35: 98-116 '61.

Vermishev, IU. Kh. [Rocket guidance] Upravlenie raketami. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 75 p.

REMOTE CONTROL—BIBLIOGRAPHY see Bibliography—Remote control

RENT (ECONOMIC THEORY)

Ground rent under socialism. M. Korol'. Ekon. Rad. Ukr., no. 6:82-87 N-D '61.

The Marxian theory of land rent and its development in V. I. Lenin's work A. P. Mamalyi. Sbor. nauch rab. kaf. polit. ekon vuzov g. Khar. no. 3:173-190 '60

REPETEK DESERT PRESERVE—BOTANY—ECOLOGY

Phenology of plants of the Repetek Preserve in 1957-1959. N. S. Nardina. Izv. AN Turk SSR. Ser. biol nauk no. 6:27-39 '61.

REPORTERS AND REPORTING

Prokopenko, I. V. [Newspaper reporting] Reportazh v gazeti. [Kyiv] Vyd-vo Kyivs'koho univ., 1959. 167 p.

RESEARCH

(see also subdivision under Russia, Northern; Tajikistan; Uzbekistan)

Brief notes. E. D. Lebedkina and others. Vest. AN SSSR 32 no. 1:119-130 Ja '62.

Comments by presidents. M. V. Keldysh and others. Nauka i zhizn' 28 no. 10:2-17 O '61.

Patriotic duty of Soviet scientists. Vest. AN SSSR 32 no. 1:3-6 Ja '62.

Program of the Communist Party of the Soviet Union, and Soviet science. Zhur. eksp. i teor. fiz. 41 no. 6: 1697-1698 D '61.

Raising scientific research to the level of present-day tasks. Zhur. tekh. fiz. 31 no. 12:I-II D '61.

You will have to rub out the "white spots." V. G. Bondarchuk. Znan. ta pratsia no. 1:1-2 Ja '62.

RESEARCH, INDUSTRIAL

(see also subdivision under Armenia; Kursk Province, Leningrad Province; Ukraine)

Important tasks of scientific institutes. A. Korobko. Prof.-tekh. obr. 19 no. 1:5-6 Ja '62.

RESERPINE

Combined use of reserpine and hexonium [with summary in English]. G. V. Obolentseva, IA. I. Khadzhai. Kardiologiia 1 no. 2:33-36 Mr-Ap '61

Influence of reserpine on the concentration of antibodies circulating in the blood. V V. Kvirikadze, M A. Mendeleva Trudy Gos nauchno-issl. inst. psikh. 22 420-125 '60.

Use of reserpine in hypertension with atherosclerosis of the coronary arteries M. V. Ignat'ev. Kardiologiia 1 no. 2 77-78 Mr-Ap '61

RESERVOIR SEDIMENTATION

Natural pavements of large reservoir shores and their protection IU. P. Bialiovich. Izv. Vses. geog. ob-va 93 no 6:514-518 N-D '61

RESERVOIRS see subdivision under Moscow Province, Volga Valley

RESINS see Gums and resins

RESINS, SYNTHETIC

Effect of fillers on the properties of sealing compounds. R. V. Molotkov. Vest. elektroprom. 31 no. 10 41-45 O '60.

New synthetic resins based on waste materials from the chemical industry and their use in the manufacture of building materials. A. F. Khludtsev, IU. S. Cherkinskii. Sbor. trud. VNIINSM no. 2.46-51 '60.

Reducing the free formaldehyde content of urea-formaldehyde resins A. A El'bert. Der prom 11 no. 2:21-22 F '62.

Resins based on furfurole and hexamethylenetetramine. I. V. Kamenskii, A. L. Peshekhonova, V. I. Itinskii. Plast. massy no. 10:15-19 '61.

Strengthening of water-saturated sandy rocks with resin solutions. V. V. Davydov and others. Plast. massy no. 10:39-41 '61.

Use of aluminum fibers for improving the properties of polyester and epoxide resins (from "Intern. Plast. Eng," no. 1, 1961). Plast. massy no. 10:71 '61.

RESISTANCE TO INSECTICIDES

Crossing DDT-resistant lines of Drosophila [with summary in English]. N V Vorobshilov. Issl. po gen. no. 1: 175-182 '61.

Role of protective reaction in the resistance to insecticides in Drosophila [with summary in English]. L S. Bachurikhina, E M Luchnikova. Issl po gen no 1 169-171 '61.

RESONATORS, ELECTRIC see Electric resonators

RESORCINOLPHTHALEIN see Fluorescein

RESPIRATION

Action of peracetin on respiration through the stimulation of chemoreceptors of individual parts of the organism. Sh. I. Gogmashvili. Soob. AN Gruz. SSR 27 no 4 501-506 O '61.

Avdulina, A.S. [Do you know how to breathe? Conversations with a specialist in exercise therapy] Umeete li vy dyshat'; besedy metodista lechebnoi gimnastiki. Moskva, Izd-vo "Znanie," 1961. 35 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 8, Biologiia i meditsina, no. 23)

Changes in the respiration intensity of brain tissues in rabbits following fractional gamma irradiation. V. A. Kukushkina. Dokl. AN BSSR 5 no. 12:572-574 D '61.

Clinical significance of sinus arrhythmia (simultaneous with the problem of the effect of deep breathing on the heart's activity) [with summary in English]. S G. Moiseev, A I Bochenkova Kardiologiia 1 no 2 61-72 Mr-Ap '61

Dynamics of gas metabolism in circulatory insufficiency [with summary in English] M I Mikhaev. Kardiologiia 1 no 6 74-81 N-D '61

Effect of excitation of the dura mater on the cardiovascular system and respiration in man. E. I. Kandel'. Fiziol. zhur. 47 no. 10:1270-1282 O '61.

Effect of irradiation excitation of the respiratory center on the motor centers of the tongue muscles (respiratory contractions of the tongue). Liu Lei. Fiziol. zhur. 47 no. 7:906-912 Jl '61.

Effect of the action of analeptics on respiration against the background of morphine, medinal and urethane application [with summary in English]. T. V Rasopova Farm. i toks. 24 no. 3:276-279 My-Je '61.

Experiments on respiration and the oxygen threshold in the young of the sturgeon Acipenser stellatus Pall. P. M. Konovalov. Sbor. rab. po ikht. i gidrobiol. no. 3:93-105 '61.

External respiration in patients with rigid artificial pneumothorax. F. G. Timchenko. Probl. tub. no. 5: 110-111 '61.

External respiration in patients with tuberculosis who have received exercise therapy before and after a resection of the lungs. I. S. Kolesnikova. Vest. khir. no. 5:59-65 '61

External respiration in various stages of thyrotoxicosis and the formation of Basedow's disease [with summary in English]. A. A. Dubrovskii. Vest. khir. no. 1:40-45 '62.

Inhibiting and stimulating influences of the central nervous system on cardiac activity and respiration in birds. V. I. Klimova-Cherkasova. Fiziol. zhur. 47 no. 6:721-728 Je '61.

RESPIRATION (Continued)
Method of measuring pulmonary ventilation in respiration under increased pressure at high altitudes N A Agadzhanian and others. Fiziol zhur. 47 no 6,778-780 Je '61.
Methods for evaluating the function of external respiration. IA. N. Dotsenko Voen -med zhur. no 7,82 Jl '61
Pharyngeal paralysis as a clinical form of a disorder of respiration in acute poliomyelitis [with summary in English]. V. P. Doroshchuk Vest otorin no 6:17-21 '61.
Rate of oxygen consumption and size of the bivalvular mollusk Teredo navalis L. I N Soldatova Trudy Inst okean. 49:156-161 '61.
Shvortsova, A. A., and I. I. Khrenov. [Technique for studying blood circulation, gas and energy metabolism, and pulmonary respiration in farm animals, a practical guide] Tekhnika issledovaniia krovoobrashchenita, gazoenergeticheskogo obmena i legochnogo dykhaniia u sel'skokhoziaistvennykh zhivotnykh; prakticheskoe rukovodstvo. Moskva, Izd-vo Akad. nauk SSSR, 1961. 82 p.
Standard tests of bronchial patency according to data of "forced" vital capacity of the lungs G. O. Badalian Terap. arkh. no. 6:18-23 '61
State of blood circulation and respiration during clinical recovery from cavernous pulmonary tuberculosis L. B. Aksel'rod. Probl. tub. no 5,75-81 '61.
Tracheostomy as a method of control in acute respiratory insufficiency. A. N. Shabanov, V. L. Kassil'. Vest. khir. no. 5:122-128 '61
X-ray study of the external respiratory function in silicosis with the aid of tomography [with summary in English]. V. S Mamont. Vest. rent. i rad. 36 no. 5 33-36 S-O '61.

RESPIRATORS
Automatic respiration control in anesthesia. A. M. Bakman. Vest. khir. no. 1:112-117 '62

RESPIRATORY ORGANS
Effect of fluorine compounds on the upper respiratory tract ["Ceskoslov. otolar.," No. 1, 1961]. Zhur. ush., nos. i gorl. bol. 21 no. 4:84 Jl-Ag '61
State of the ears and the upper respiratory tract in tuberculosis of the lungs ["Otolar. polska," No. 3, 1960]. Zhur. ush., nos. i gorl. bol. 21 no 4:85 Jl-Ag '61

RESPIRATORY ORGANS—DISEASES
Some problems in industrial hygiene and the incidence of diseases of the upper respiratory organs in workers of the Kenaf Knitting and Weaving Factory. S. S. Salikhodzhaev, I. V. Gol'eva, A. P. Samsonov Med. zhur. Uzb. no 7,10-13 Jl '61
Use of copper iontophoresis for treatment of inflammatory processes in the lungs and respiratory tract in children [with summary in English]. M. I. Botvinnikova. Pediatriia 40 no. 12:8-12 D '61.
Use of exercise therapy in diseases of the respiratory organs at a clinic for internal diseases N. IA. Eglit Vop. kur., fizioter. i lech. fiz. kul't. 24 no. 6:539-546 N-D '59.

RESPIRATORY ORGANS—DISEASES—CONGRESSES
International congress on virus and rickettsial diseases of the respiratory passages O. P Peterson. Vop. virus. 6 no. 5 636-637 S-O '61.

RESPIRATORY ORGANS—FOREIGN BODIES
Difficulties and complications arising in removing foreign bodies from the respiratory tract [with summary in English]. N. S. Uteshev. Zhur. ush., nos. i gorl. bol. 21 no. 4:57-60 Jl-Ag '61.
Some clinical aspects, difficulties and errors in treatment involving metal foreign bodies in the respiratory tract; clinical records over a period of ten years. N. A. Moskovchenko, N. I. Gladkii. Zhur. ush., nos. i gorl. bol. 21 no. 4:69 Jl-Ag '61.

REST
Characteristics of physiological and chemical adaptation of the body to muscular activity in relation to the length of rest intervals between tasks during training. N. N. IAkovlev and others. Fiziol. zhur. 47 no. 6:752-757 Je '61.

RESTAURANTS, LUNCHROOMS, ETC.
Economic nature of public food service. P. F. TSelykovskii. Sbor. nauch. rab. Len. inst. sov. torg. no. 16:147-150 '60.
Mgaloblishvili, N. M. [New types of central kitchens for public food-serving establishments; design and planning] Novye tipy zagotovochnykh predpriiatii obshchestvennogo pitaniia; voprosy proektirovaniia. Moskva, Gos. izd-vo torg. lit-ry, 1961. 140 p.
Production of public food service. A. Dolbyshev. Sov. torg. 35 no. 1:41-43 Ja '62.
Unyielding. M. Semenov. Ogonek 40 no. 3:30-31 Ja '62.

RESTAURANTS, LUNCHROOMS, ETC.—ACCOUNTING
Rationalizing the records for inexpensive inventory in public food service. V. A. Matveenko. Sbor. naucn. rab. Len. inst. sov. torg. no. 16:178-182 '60.

RESTAURANTS, LUNCHROOMS, ETC.—EQUIPMENT AND SUPPLIES
Pavlova, E. K. [Mechanical equipment for public eating establishments] Mekhanicheskoe oborudovanie predpriiatii obshchestvennogo pitaniia Pod red. A IA Khrilova Moskva, Gos. izd-vo torg. lit-ry, 1961 238 p

RESULTANTS see Determinants

RESUSCITATION
Heart massage [with summary in English]. B. V. Petrovskii, V. S. Ryabkin. Sov. med. 25 no 6:3-7 Je '61
Some data on the restoration of the neuroreflex regulation of the cardiovascular system in revivification after clinical death [with summary in English]. D G Maksimov Biul. eksp. biol. i med. 52 no 10:34-38 O '61
Terminal states and their treatment [with summary in English]. V. A. Negovskii. Sov. med. 25 no 6:7-13 Je '61.

RETAIL STORES see Stores, Retail

RETAIL TRADE
(see also subdivision under France, Kazakhstan; Leningrad, Minsk; Mongolia; Moscow, Sweden, Volgograd)
Berger, I. N., V. I. Ivanitskii, and I. I. Korzhenevskii. [Planning the managerial operations of a retail enterprise] Planirovanie khoziaistvennoi deiatel'nosti roznichnoi torgovoi organizatsii. Moskva, Gos. izd-vo torg. lit-ry, 1961. 190 p.
The development of Soviet commerce and the sale of purchase of goods. G. M. Stepanenko. Uch. trudy Kazakh. gos. un. Ser. iur. no. 5:94-115 '59.
Representatives of industry. B. Moiseev. Sov. torg. 35 no. 1:23-28 Ja '62.
Starchakova, I. I., and B. P. Liudskov, comps. [New developments in the retail trade during 1960] Novoe v torgovle za 1960 g.; sbornik. [Leningrad] Gostorgizdat, 1961. 294 p.

RETAIL TRADE—EXHIBITIONS
Traveling exhibitions. E. Ratsimor, V. Raksha. Sov. torg. 35 no. 1:39-41 Ja '62.

RETAIL TRADE—FINANCE see subdivision under Mogilev Province, Saratov Province; White Russia

RETICULO-ENDOTHELIAL SYSTEM
Case of transformation of sarcoidosis into reticulosarcomatosis. A. S. Raben, N. K. Bogdanovich, V. S. Golochevskaia Probl. gemat. i perel. krovi no. 11:33-38 '61
Study of the effect of levomycetin on the reticuloendothelial system [with summary in English]. N. A. Kalinina. Antibiotiki 6 no. 6:501-504 Je '61.

RETICULO-ENDOTHELIAL SYSTEM—TUMORS
Case of transformation of sarcoidosis into reticulosarcomatosis. A. S. Raben, N. K. Bogdanovich, V. S. Golochevskaia. Probl. gemat. i perel. krovi no 11:33-38 '61.
Radiotherapy of reticulosarcomas. I. A. Pereslegin, N. A. Pereslegni, E. M. Fil'kova. Med. rad. no. 6:11-14 '61.

RETINA
Changes in the effective size of the receptor field in the frog retina. V. D. Glezer, N. B. Kostelianets. Biofizika 6 no. 6:704-710 '61.

RETINA—INNERVATION
Localization of the ganglionic cells in the retina of the eye, transmitting impulses to the external geniculate bodies or to the anterior tubera of the corpora quadrigemina [with summary in English]. B. N. Klosovskii, Zh. M. Kukhtina. Vop. neirokhir. 25 no. 1:21-26 '62.

RETIRED MILITARY PERSONNEL—EMPLOYMENT
Reserve officer and shock worker of communist labor. M. Baraban. Sov. voin 43 no. 14:42 Jl '61.

RETROPERITONEAL SPACE—TUMORS
Comparative evaluation of the methods for pneumography of the abdominal cavity and retroperitoneal space in the diagnosis of tumors [with summary in English]. B. P. Shirai. Vop. onk. 7 no. 12:42-47 '61.

REVOLUTIONISTS
"Marx, Engels, and the first proletarian revolutionaries." Reviewed by F. M. Reshetnikov. Vop. ist KPSS 6 no. 1: 194-196 '62.

REVOLUTIONS see subdivision under Sudan; also subdivision 'Revolution, 1863-1864' under Poland

REWARDS (PRIZES, ETC.)
Awarding the orders and medals of the U. S. S. R. to university teachers. Izv. vys. uchob. zav.; prav. 5 no. 4:166-167 '61.
For the welfare of the people. Sov. voin 43 no. 14:1 Jl '61.

RH FACTOR
Maternal tolerance to the Rh factor. R. A. Avdeeva. Probl. gemat. i perel. krovi no. 11:24-28 '61.
Simultaneous sensitization to some erythrocyte antigens. M. A. Umova and others. Probl. gemat. i perel. krovi no 11 56-58 '61.

RHENIUM
Absolute age determination by the rhenium method. V. M Aleksandruk. Biul. Kom. po opr. abs. vozr. geol. form. no. 4:144-147 '61.
Lifetime and nature of the 686 Kev. level in Re 187 [with summary in English] G. A. Vartapetian Zhur. eksp. i teor. fiz. 41 no. 6 1710-1712 D '61
Vsesoiuznoe soveshchanie po probleme renita, 1958. [Rhenium; transactions] Renii, trudy. Moskva, Izd-vo Akad. nauk SSSR, 1961 278 p

RHENIUM CARBONYL
Some physicochemical properties of rhenium carbonyl. A. A. Ginzburg Zhur. prikl. khim. 34 no 11 2569 N '61

RHENIUM COMPOUNDS
Composition of the rhodanide complex of rhenium. Report No. 3 V. B. Taratan, E. N. Ovsepian, L. G. Khachatrian. Dokl. AN Arm. SSR 33 no 4:169-171 '61.
Effect of iron on the color of a rhenium-thiocyano complex. V. M Tarasian, N. S. Nalbandian Izv. AN Arm SSR. Khim. nauki 14 no 5 435-440 '61

RHENIUM SULFIDE
Chemical mechanism of rhenium IV sulfide oxidation V. I. Deev, V. I. Smirnov. Zhur. prikl. khim 34 no 12: 2594-2601 D '61

RHEOLOGY
Structural and rheological properties of disperse and highmolecular systems. M. P. Volarovich, I. I. Lishtvan, V. M. Naumovich. Inzh.-fiz. zhur. 5 no. 2:122-132 F '62.

RHEOSTATS, ELECTRIC see Electric rheostats

RHEUMATIC FEVER
Activity of tissue antihyaluronidase in different courses of the rheumatic process [with summary in English] O. L. Dukhovnaia Vrach. delo no 6 28-32 Je '61.
Auto-antibody formation in rheumatism (preliminary report) [with summary in English] I. N. Nasyn Sov. med. 25 no. 6:55-61 Je '61.
Ballistocardiographic study of children with rheumatism. A. L. Tatarinov. Pediatriia no. 1:67-73 '62.
C-reactive protein in the diagnosis of some cardiovascular diseases (coronary insufficiency, rheumatism) [with summary in English]. V. M. Zemskov Vrach. delo no. 6 22-26 Je '61
Changes in the extracellular fluid during the active phase of rheumatism in children (1st report). A. I. Morozov. Pediatriia no. 1:57-62 '62.
Clinical characteristics of rheumatic fever. N. V. Sakach, N. A. Burkov. Voen.-med. zhur. no. 7:82 Jl '61
Deep breathing as the earliest exercise therapy during the acute period of rheumatism in children. Andrei Iv. Andreev. Vop. kur., fizioter. i lech. fiz. kul't. 24 no. 6: 510-516 N-D '59.
Indications of the activity of rheumatic process; remarks on the article of the same name by E. V. Kovaleva and co-authors G. K. TSverianishvili Sov. med. 25 no. 7: 144-146 Jl '61.
Morphogenesis and immunomorphology of rheumatic fever [with summary in English]. A. I. Strukov Sov. med. 25 no. 9:12-17 S '61.
New data on the occurrence of rheumatic fever. M. M. Mazur Klin. med. no. 1 73-77 '62.
Pathogenesis and etiology of rheumatic fever A. A. Aizenberg Vrach. delo no. 6:8-13 Je '61.
Rare forms of lesions of the nervous system in rheumatic fever. A. R. Rakhimdzhanov. Med. zhur. Uzb. no 6: 17-19 Je '61.
Reply to G. K. TSverianishvili's remarks on the article of E. V. Kovaleva and co-authors, "Indications of the activity of the rheumatic process in children" (Sovetskaia Meditsina, no 10, 1959). E. V. Kovaleva Sov. med. 25 no. 7:146-150 Jl '61
State of the cardiovascular system in rheumatic fever following tonsillectomy [with summary in English]. S. N. Sinel'nikov, M. P. Zhdanova Zhur. ush., nos. i gorl. bol. 21 no. 4:7-11 Jl-Ag '61.

RHEUMATIC HEART DISEASE
Ballistocardiography in the diagnosis of rheumatic carditis [with summary in English]. G. Y. IAnovskii Vrach. delo no. 12:65-69 D '61.
Clinical and X-ray parallels in rheumatic defect and insufficiency of the mitral valve in children. M. M. Deeva. Pediatriia no. 1:63-67 '62.
Commissurotomy in mitral stenosis in the presence of a rheumatic process [with summary in English] I. I Sivkov, V. A. Spasskaia. Sov. med. 25 no. 6:70-77 Je '61.
Diagnostic significance of immune body titer and transaminase activity in the blood in diagnosing the phase of rheumatic fever R. I. Mikunis. Klin. med. no. 1: 77-84 '62.

RHEUMATIC HEART DISEASE (Continued)

Diagnostic value of local leucocytosis in rheumatic heart lesions. B. N. Filinov, G. K. Tsverianishvili, A. D. Popova. Sov. med. 25 no. 6:136-138 Je '61

Effect of broad-spectrum antibiotics on some indices of blood coagulability and resistance of the vascular wall in rheumatic lesions of the cardiovascular system. L. P. Kuprash. Vrach. delo no. 12:62-65 D '61.

Glucosamin content in the blood serum and its reaction with diphenylamine as indices of the activity of the rheumatic process [with summary in English] E. F. Kanaeva. Sov. med. 25 no. 7:42-47 Jl '61.

Leshchinskii, L. A. [Relapsing rheumocarditis] Vozvratnyi revmokardit. Moskva, Medgiz, 1960. 221 p. (Biblioteka prakticheskogo vracha) (DNLM)

Some problems in the pathogenesis and clinical characteristics of rheumatic lesions in the cardiovascular system [with summary in English] A. A. Aizenberg and others. Vrach. delo no. 12:48-54 D '61.

RHEUMATISM

Diagnostic importance of C-reactive protein in rheumatism. L. I. Morozova. Vrach. delo no. 12:59-61 D '61

Electrophoretic studies of blood serum in rheumatic patients receiving compound treatment; ultraviolet irradiation and salicylic preparations. T. M. Kamenetskaia. Vop. kur., fizioter. i lech. fiz. kul't. 24 no. 6:508-510 N-D '59

Present status and prospects of the development of research on the problem of rheumatism and diseases of the joints in public health institutes of the R. S. F. S. R. I. V. Berob'ev. Biul. Uch. med. sov. 2 no. 6:6-9 N-D '61

Relationship between adenoviruses and rheumatism [with summary in English]. V. I. Marchenko and others. Terap. arkh. no. 6:72-75 '61

RHEUMATISM—CONGRESSES

Results of the All-Union Rheumatology Conference. M. A. Samsonov. Sov. med. 25 no. 6:144-150 Je '61

RHEUMATISM—PREVENTION

Basic principles of rheumatism control in city medical centers. Iu. N. Gordon. Terap. arkh. no. 6:95-96 '61

RHINOSCLEROMA

Morphology and specificity of Mikulicz's cells in scleroma [with summary in English]. A. N. Kniga. Zhur. ush., nos. i gorl. bol. 21 no. 4:49-57 Jl-Ag '61

Oxygen inhalations in the treatment of scleroma [with summary in English] K. P. Derepa. Zhur. ush., nos. i gorl. bol. 21 no. 5:41-44 S-O '61

RHIZOSPHERE MICROBIOLOGY

Role of root and rhizospere microflora in the development of higher plants and in soil fertility. Report No. 1. A. A. Obraztsova, M. B. Petrenko. Nauch. trudy Ukr. nauch.-issl. inst. pochv. 5:55-72 '61.

RHODENDRON see subdivision under Sayan Mountains

RIBOFLAVIN

Effect of vitamin B_2 on hemopoiesis in anemia. V. A. Galitsev. Zdrav. Tadzh. 8 no. 5:38-41 S-O '61.

RICE

(see also subdivision under Gurlen)

New processing procedure in the production of rice starch. A. I. Zhushman. Sakh. prom. 35 no. 12:53-55 D '61.

Recent developments in weed control on rice fields. I. E. Krivolapov. Zemledelie 23 no. 12:34-44 D '61.

RICE—IRRIGATION see subdivision under Mogilev Province; Ukraine

RIFLE RANGES

Creation of a target and training complex. V. Zarubitskii. Voen. vest. 41 no. 7:49-52 Jl '61.

RIGA—CARTOGRAPHY

Transition to the shortened workday and the new wage system. A. IA. Simonovskii. Geod. i kart. no. 11:50-54 N '61.

RIGA—DIRECTORIES

[Riga; a short reference book. Translated by K. Strebeiko] Riga, Isas izzinas Riga, Latvijas Valsts izdevniecība, 1960. 279 p. [In Latvian]

RIGA—FACTORIES—FIRES AND FIRE PREVENTION

In the Riga Electrotechnical Plant. M. Zhuk. Pozh. delo 8 no. 1:29 Ja '62.

RIGA—NEWSPAPER AND PERIODICAL CIRCULATION

The workers of Riga are in front. IA. Frisher. Raspr. pech. no. 6:5-8 Je '61.

RIGA—RAILROADS—TIES

We shall fulfill the seven-year plan ahead of time. K. A. Mordvinov. Put' i put. khoz. 5 no. 12:9 D '61.

RIGA—THEATER

Soft light. V. Ryzhova. Teatr. 22 no. 8:100-105 Ag '61.

RIGA—UNIVERSITIES AND COLLEGES

Rotberg, G. Kh. [People's university of technical creativeness] Narodnyi universitet tekhnicheskogo tvorchestva. [Moskva] Profizdat, 1961. 54 p.

RIHANI, AMEEN FARES, 1876-1940

The west in the works of Ameen Fares Rihani. Z. I. Levin. Krat. soob. Inst. nar. Azii no. 45:185-191 '61

RING COMPOUNDS see Cyclic compounds

RINGWORM

Perspiration and thermoregulatory reflexes in chronic trichophytosis [with summary in English]. A. N. Smirnov. Vest. derm. i ven. 35 no. 12:49-54 D '61.

RIVERS

(see also subdivision under Caspian Sea region; Iran; Kazakhstan; Trans-Ili Ala-Tau)

Laboratory investigation of channel forming processes at river bends. N. Makkaveev, V. Rainov, P. Kosarskii. Rech. transp. 20 no. 11:29-31 N '61

Rivers change their direction. Blok. agit. [Gruz.] 18 no. 14:30 J '61.

ROAD CONSTRUCTION see subdivision under Ukraine

ROAD CONSTRUCTION—SAFETY MEASURES

Myl'nikov, P. V. [Safety engineering and fire prevention measures in road construction] Tekhnika bezopasnosti i protivopozharnaia tekhnika v dorozhnom stroitel'stve. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961. 207 p.

Pinus, E. R., and V. N. Khmelevskii. [Handbook for the builder of cement and concrete pavements] Pamiatka rabochemu na stroitel'stve tsementobetonnykh pokrytii. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transporta i shosseinykh dorog RSFSR, 1960. 39 p. (Tekhnika bezopasnosti na dorozhnykh rabotakh)

ROAD MACHINERY

New types of machines. Tyl i snab. Sov. Voor. Sil 21 no. 10:84-86 O '61.

ROAD MATERIALS

Chemical composition and properties of road petroleum [illegible] banovskaia, O. K. Golovkina. Khim. 7 no. 2:31-36 F '62.

TESTING

laboratory tests of soils and road Polevye laboratornye ispytaniia stroitel'nykh materialov. Moskva, -vo M-va avtomobil'nogo transp. RSFSR, 1961. 95 p.

a under Ukraine)

tive transportation form a single m. A. Antonov, I. Korenfel'd. Avt. 3-34 Ja '62.

design] Proektirovanie avtomobil'- perer. i dop. Moskva, Nauchno- avtomobil'nogo transp. i shos- R. p.

se Military roads

r the sinking of shafts and large A. T. Nikolaenko, G. I. Rudiakii, Ukr. 6 no. 7:14-16 Jl '61.

New machines for drilling deep slim holes in hard rock. Z. B. Alborov, S. P. IUshko. Vzryv. delo no. 46/3:150-160 '61

Optima conditions for BA-100 drill rig operations in hard rocks. I. A. Ostroushko and others. Izv. vys. ucheb. zav., tsvet. met. 4 no. 3:12-18 '61

ROCK PRESSURE

(see also subdivision under Moscow Basin)

Efficient methods of protecting workings under the conditions of the "Gorskaia" Mine No. 1/2. A. M. Sazonov. Ugol' Ukr. 5 no. 7:6-10 Jl '61.

Ground pressure in the Nakhichevan Salt Mine. Sh. N. Mamedov, B. A. Osipova. Izv. AN Azerb. SSR, Ser. geol.-geog. nauk i nefti no. 3:47-58 '61

Interaction of loose rocks and fencing supports. A. I. Burtsev. Izv. vys. ucheb. zav., gor. zhur. no. 11:36-42 '61.

Method of determining the ultimate resistance of coal to shifting in a massif. G. N. Fen. Nauch. soob. Inst. gor. dela 4:42-44 '60

Method of measuring the shift of a coal massif to the side of the mined area. A. I. Beron, E. Z. Pozin. Nauch. soob. Inst. gor. dela 4:34-41 '60

Some features of rock movement and rock pressure redistribution in working vertical layers. V. I. Baranovskii. Nauch. soob. Inst. gor. dela 7:81-87 '61.

ROCK SALT

Study of the cutting of rock salt with a disk cutter. I. V. Ostroukhov. Nauch. soob. Inst. gor. dela 4:78-88 '60

ROCKETS (AERONAUTICS)

Addition to the paper "L. S. Pontriagin's maximum principle and optimum programming of rocket thrust." V. b. Isaev. Avtom. i telem. 23 no. 1:127 Ja '62.

Kurov, V. D., and IU. M. Dolzhanskii. [Fundamentals for designing powder-rocket missiles] Osnovy proektirovaniia porokhovykh raketnykh snariadov. Moskva, Gos. nauchno-tekhn. izd-vo Oborongiz, 1961. 293 p.

Rockets and artificial satellites in the service of science, some results in cosmos research (to be continued). K. Mykhailov. Nauka i zhyttia 11 no. 10:18-20 O '61

ROCKETS (AERONAUTICS)—ELECTRIC EQUIPMENT

Astashenkov, P. T. [Use of electricity in airplanes and rockets] Elektrichestvo na samolete i rakete. Pod red. V. S. Kulebakina. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 140 p.

ROCKETS (ORDNANCE)

(see also subdivision under United States)

Recoilless weapons against tanks. G. Slashchev. Voen. vest. 41 no. 7:111-112 Jl '61.

ROCKETS IN TRANSPORTATION

Flight on a rocket-propelled aircraft. G. Volkov. Kryl. rod. 13 no. 2:30-31 F '62.

ROCKS

(see also subdivision under Kara-Tau)

Strengthening of water-saturated sandy rocks with resin solutions. V. V. Davydov and others. Plast. massy no. 10:39-41 '61.

ROCKS—ANALYSIS

Conversion of chemical analyses of rocks in studying metasomatic processes. V. G. Bogolepov. Izv. AN SSSR, Ser. geol. 27 no. 1:99-106 Ja '62.

ROCKS—CLEAVAGE

Calculation of the fracturing which arises with the introduction of boring and blasting operations. G. P. Lichell. Vzryv. rab. no. 4:75-81 '60.

ROCKS—MAGNETIC PROPERTIES

Petrova, G. N. [Laboratory estimation of the stability of residual magnetization] Laboratornaia otsenka stabil'nosti ostatochnoi namagnichennosti gornykh porod. Moskva, Izd-vo Akad. nauk SSSR, 1961. 102 p.

ROCKS—PERMEABILITY

Macrostructural nonuniformity of strata. M. A. Guseln-Zade. Trudy MINKHiGP no. 33:48-64 '61.

ROCKS—TESTING

Apparatus for measuring linear deformation of rocks in uniaxial compressibility tests. V. S. Voblikov, N. A. Kudria, V. I. Karpov. Nauch. soob. Inst. gor. dela 7:111-113 '61.

Laboratory unit for milling rocks. Z. N. Alekhova. Nauch. soob. Inst. gor. dela 4:74-77 '60.

Study of strains and deformations of rocks in straight cutting. A. I. Beron, A. S. Kazanskii. Nauch. soob. Inst. gor. dela 5:57-63 '60.

Using the optical method to determine contact strains under a spherical punch. A. S. Grishin. Trudy VNIIST no. 3:42-47 '61.

ROCKS, CARBONATE see subdivision under Baikal Lake region

ROCKS, CRYSTALLINE AND METAMORPHIC see subdivision under Caucasus; Russian Platform

ROCKS, IGNEOUS see subdivision under Alay Range; Kazakhstan; Kola Peninsula; Kolyma Range region; Kolyma Valley; Lovozero Tundras, Pamirs; Tajikistan, Takob; Tannu-Ola Range, Tuva A, S, S, R.; Varzob-Bolo Valley; Verkhoyansk Range region

ROCKS, SEDIMENTARY see subdivision under Hungary, Kola Peninsula; Kyurakchay Valley; Terter Valley

RODENT CONTROL

Poltakov, I. IA. [Harmful rodents and their control] Vrednye gryzuny i bor'ba s nimi. Leningrad, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 261 p. (DA)

Using carbon dioxide to combat rodents at the Orekhovo-Zuyevo Cold Storage Plant. A IA. Ustinov, N F Zhak. Khol. tekh 38 no 6:50-51 N-D '61.

RODENTIA see subdivision under Syktyvdinskiy District

ROLLAND, ROMAIN, 1866-1944

Letters written by Romain Rolland to M. Ivanov-Boretskii. Sov. muz. 25 no. 8:48 Ag '61.

ROLLER BEARINGS

Accuracy norms and service life of the rolling stock roller bearings. M.I.Edel'shtein. Trudy TSNII MPS no.221:56-71 '61.

Development of a safe design for the cage of cylindrical roller bearings. V.V.Abashkin and others. Trudy TSNII MPS no.221:85-99 '61.

Experiment in the operation of axle box assemblies with roller bearings on electric and diesel locomotives. I.M.Semenov, A.V.Lesov. Trudy TSNII MPS no.221:5-15 '61.

Experiment in the operation of axle box assemblies with roller bearings on passenger and freight cars. V.F. Deviatkov, V.V.Abashkin. Trudy TSNII MPS no.221:16-24 '61.

Searching for an efficient design of the axle box body for a rolling stock with roller bearings. I.V.Slushkin. Trudy TSNII MPS no. 221:110-136 '61

Selecting the type of fit for roller bearings. B.Z.Akbashev. Trudy TSNII MPS no.221:100-109 '61.

Studying the resistance to motion of freight and passenger cars with roller bearings. V.S.Shatonin, IU.M. Proskurina, V.E.Pini. Trudy TSNII MPS no.221:25-45 '61.

Technical and economic advantages of the conversion of freight cars to roller bearings. N.D.Ershkov. Trudy TSNII MPS no.221:46-55 '61.

ROLLER BEARINGS—TESTING

Effect of the macrostructure on the strength of antifriction bearing rings. IA.R.Rauzin, O.F.Akimova, V.R. Tarasov. Trudy TSNII MPS no.221:72-84 '61.

ROLLING (METALWORK)

Determining the mean specific pressure in rolling high-alloyed steels and heat-resistant alloys G.S Nikitin, IU. L Sinel'nikov. Izv. vys. ucheb. zav. ; mashinostr. no 8:121-134 '61.

Determining the pressure of metals on rolls in hot rolling. M L. Zaroshchinskii. Izv vys. ucheb. zav , mashinostr. no. 8: 107-120 '61.

Effect of the rate and degree of deformation on the magnitude of the resistance to plastic deformation caused by rolling. A. I. Merenkov. Izv. vys. ucheb zav. , mashinostr. no. 8 135-146 '61.

Electronic micrometer for the continuous measuring of the thickness of rolled strips of nonferrous metals. N. IA. Zastavskaia. Trudy Inst. energ. AN Kazakh. SSR. 2:110-120 '60.

Experimental investigation of the distribution of unit pressures during rolling in shaped grooves. A.P. Chekmarev, V.M.Klimenko. Izv.vys.ucheb.zav., chern met. 4 no.12:72-82 '61.

Idea of a rolling mill operator has been approved by an academician. O. Nizhehorodov. Nauka i zhyttia 11 no. 10:42-43 O '61.

Ilukovich, B.M. [Rolling T-sections in open grooves] Prokatka tavrovykh profilei v otkrytykh kalibrakh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 68 p.

Limiting angles of grip in rolling. A. A. Vinnitskii, A. A. Presniakov. Izv. AN Kazakh. SSR. Ser. met. , obog. i ogneup. no. 3:91-94 '61.

Manufacture of turbine blades by rolling and welding. I. V. Gunin, A. A. Slin'ko. Metallurg 7 no. 1:25 Ja '62.

Nature of slippage in rolling. A. A. Presniakov, A. A. Vinnitskii Izv. AN Kazakh. SSR. Ser. met. , obog. i ogneup. no. 3:95-98 '61.

Pobedin, I. S. , and V. G. Drozd. [Production of merchant shapes] Proizvodstvo sortovoi stali. Moskva, Gos. nauchno-tekhn. izd-vo po chernoi i tsvetnoi metallurgii, 1962. 248 p.

Rolling channels with a high output of the finishing groove. N. P. Skriabin and others. Metallurg 7 no. 1:30-31 Ja '62.

Some works on the theory and technological processes of metal rolling. M. L. Zaroshchinskii, V. M. Lugovskoi. Izv. vys. ucheb. zav. ; mashinostr. no. 8:102-106 '61.

Using strain-gauge method in determining specific pressures caused by piercing I. T. Zherdev and others. Biul. nauch.-tekh. inform. VNITI no 4/5 31-38 '58.

Variational method of investigating the widening of plastic toughness metal during the hot rolling process. I IA Tarnovskii, A A Pozdeev, IU S Zykov Izv. vys. ucheb zav., chern met 4 no 12:61-70 '61

ROLLING (METALWORK)—STANDARDS

[Ferrous metal standards, rolled and guaged steel products] Sortament chernykh metallov, prokat i kalibrovannaia stal'. Izdanie ofitsial'noe. Moskva, Gos. izd-vo standartov, 1961. 502 p. (Gosudarstvennye standarty SSSR)

ROLLING MILLS
(see also subdivision under Mistek, Czechoslovakia; Zaporozh'ye)

Automatic control of strip thickness on reversing cold-rolling mills. O. B. Kleshko Mekh i avtom. proizv. 16 no. 1:24-29 Ja '62.

Blooming mills for new metallurgical plants. A. A Aleksandrov. Izv vys. ucheb. zav., chern. met 1 no 12 92-99 '61

Impact strength calculations of metallurgical equipment parts. L. D Sokolov. Izv. vys. ucheb. zav , chern met. 4 no 12 173-178 '61

Investigating the deformation of metals in decagonal grooves of the 900/750 billet mill A S. Vashakidze. Soob. AN Gruz SSR 27 no 4 445-450 O '61.

Mastering the operation of the 2500 broad-strip mill. S. A. Leont'ev, V P Sud'ia Metallurg 7 no 1:27-30 Ja '62.

ROLLING MILLS—SAFETY MEASURES

"Safety regulations in rolling mills" by M. M. Dunaevskii and others Reviewed by N L Gorodetskii. Metallurg 7 no 1 39 Ja '62.

ROLLS (IRON MILLS)

Design of grooves in the square - oval system of rolling carbon and alloy steels S.G Nekrasov. Izv. vys. ucheb. zav., chern. met 4 no 12 83-91 '61

ROMANOV, EVDOKIM ROMANOVICH, 1855-1922

"E. R. Romanov" by V. K. Bandarchyk. Reviewed by M. Malochka. Belarus' 19 no. 1:20 Ja '62.

ROMASHKINO REGION—OIL FIELDS—PRODUCTION METHODS

Developing the Romashkino oil field. V. A. Eronin, M. M. Ivanova, L. P. Cholovskii. Neft. khoz. 39 no. 10:48-50 O '61.

ROME—HISTORY

The taking of Rome by Alaric. R. Benedikti. Viz. vrem. 20:23-31 '61.

ROOFING

Russia (1923- U.S.S.R.) Komitet po delam izobretenii i otkrytii. [Collection of inventions; the asbestos-cement and roofing materials industries] Sbornik izobretenii; asbestotsementnaia promyshlennost' i promyshlennost' mingkoi krovli. Moskva, Informatsionno-izdatel'skii otdel, 1959. 70 p. [MICROFILM]

ROOFING—HANDBOOKS, MANUALS, ETC.

Bot, K. A. [Handbook for the roofer] Pamiatka krovel'shchika. Pod obshchei red. V. I. Makarova. [Leningrad] Lenizdat, 1961. 58 p. (V pomoshch' stroitelu)

ROOFING, CONCRETE

Built-up roof made of lightweight concrete slabs. Stroitel' no. 11:24-25 N '61.

ROOFS, SHELL

Calculation of the effect of rim elements on the functioning of cylindrical shells. A. M. Boldyshev, Shor. nauch. trud. TISI 8:69-71 '61.

Design of hyperbolic paraboloid shells according to the momentless theory. A. M. Boldyshev, Shor. nauch. trud. TISI 8:72-79 '61.

Design of multispan shallow shells with a double curvature over rectangular underground tanks. V. S. Bartenev. Shor. nauch. trud. TISI 8:45-53 '61.

ROOTS (BOTANY)

Effect of peat and its humic acids on roots. I. M. Kurbatov. Shor. bot. rab. Bel. otd. VBO no. 2:58-67 '60.

Effect of soil salinization on the root system of some trees and shrubs [in Azerbaijani with summary in Russian]. Z. S. Azizbekova, Z. IU. Mamedova. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 10:15-22 '61.

Role of root and rhizosphere microflora in the development of higher plants and in soil fertility. Report No. 1. A. A. Obrazisova, M. B. Petrenko. Nauch. trudy Ukr. nauch.-issl. inst. pochv. 5:55-72 '61.

ROOTS (BOTANY)—ECOLOGY

Anatomic features of the roots of babies'-breath in rocky habitats. V. S. Pirogov. Bot. zhur. 46 no. 8: 1152-1161 Ag '61.

ROOTS OF EQUATIONS see Equations, Roots of

ROPE INDUSTRY—EQUIPMENT AND SUPPLIES

Unit for tar impregnation M A Soshinskii. Tekst. prom 21 no 5 74 My '61

ROSEFISH

Salting, storage, and processing of rosefish in the procurement of half-finished material for the production of smoked fish fillets. N. I. Sukrutov. Ryb. khoz. 38 no. 1:78-81 '62.

ROSSOVITSKAIA, VALENTINA AFANAS'EVNA

Valentina Afanas'evna Rossovitskaia. Prep. ist. v shkole 17 no. 1:90-92 Ja-F '62.

ROSTOCK—HARBOR

Rostock, a transoceanic harbor. U Wilcken. Nauka i zhyttia 11 no 10 55-56 O '61

ROSTORPOVICH, MSTISLAV LEIPOL'DOVICH, 1927-

Soviet cello music T. Gaidamovich Sov. muz. 26 no 1: 96-97 Ja '62.

ROSTOV-ON-DON—HAIL

Heavy hail shower in Rostov-on-Don A. F. Beliaev Meteor. i gidrol. no. 1 40 Ja '62.

ROSTOV-ON-DON—HOUSING MANAGEMENT

This is how friendship springs up. A. Novochadov. Zhil.-kom. khoz. 11 no. 10 10-11 O '61.

ROSTOV-ON-DON—MUNICIPAL ENGINEERING

Factory committee chairman's day. V. Koroleva. Zhil.-kom. khoz. 11 no. 10:32-33 O '61.

ROSTOV PROVINCE—COLLECTIVE FARMS—FINANCE

Practice in planning working capital on the collective farms of Rostov Province. A. Novikov, G. Belousenko Den. i kred. 20 no. 1:40-46 Ja '62.

ROSTOV PROVINCE—MACHINERY INDUSTRY—FINANCE

Role of credit in the organization of working capital. G. Gerasimenko, T. Konova. Den. i kred. 20 no. 1:14-20 Ja '62.

ROSTOV PROVINCE—OIL INDUSTRIES

Oils and fats industry of the Rostov Economic Council. S. F Kiporenko, B I Ledenev, I P Kolpakov. Masl.-zhir prom. 27 no 11,9-10 N '61.

ROSTOV PROVINCE—PINE

Growing pine seedlings in the Veshenskaya Forest Working Circle. N. D. Samoilenko. Nauch. zap. VLTI 17:85-87 '60.

ROSTOV PROVINCE—THEATER

In an account and in life. E. Prilutskaia, T. Zhivisova. Teatr 23 no. 1:173-174 Ja '62.

ROSTOV PROVINCE—WHEAT

Corn as one of the best crops to precede winter wheat in Rostov Province. N. P. Trunov. Zemledelie 23 no. 12: 22-26 D '61.

ROTATING BODIES

Equations of motion for rotating bodies, having charges and magnetic moments, in the general theory of relativity. A. P. Riabushko. Izv. vys. ucheb. zav., fiz. no. 6.3-13 '61.

ROTATION OF CROPS

Economic inefficiency of the grassland crop rotation system of agriculture. I. Strakhov. Vop. ekon. no. 2: 30-36 F '62.

ROTATORIA see subdivision under Klyaz'ma River

ROTENBERG, ALEKSANDR L'VOVICH, 1901-1961

In mem
gist.

ROTUI
Phar
E.J
Mv

ROVI
Unif
Kr

ROWI
Pol
94

ROZI
Eff
R
91

ROZI
Bar
1

RUBI
App
16
ga
sk
no

Crystallization of rubbers at low temperatures under compression. B. M. Gorelik, M. F. Bukhina Kauch. i rez 20 no. 11;11-15 N '61.

Effect of fillers and plasticizers on the resistance of rubbers to ozone cracking at various deformations. IU. S. Zuev, S. I. Pravednikova, G. V. Kotel'nikova Kauch. i rez. 20 no. 11;15-21 N '61.

"General principles of rubber technology" by Kh. E. Maikina. Reviewed by M. A. Poliak. Kauch i rez. 20 no. 12,59 D '61

Mechanism of structure formation in hydrocarbon suspensions of carbon black as related to the problem of active rubber fillers B. IA IAmpol'skii, U Shu-tsiu, P. A Rebinder. Dokl. AN SSSR 142 no 3 633-636 Ja '62.

News of science and equipment abroad. Kauch. i rez. 20 no. 12;54-58 D '61.

News of science and technology abroad. Kauch. i rez. 20 no. 11;60-62 N '61.

Use of rubber in stern bushes, bearings, and other ship parts. V. Struts. Rech transp. 20 no 11;22-23 N '61.

RUBBER—COMPETITIONS

Results of the contests during 1960 for the best works in the field of the synthetic rubber manufacture and rubber industry T. I. Gudasheva. Kauch. i rez. 20 no. 11; 57-59 N '61.

RUBBER—CONGRESSES

Conference on the chemistry and technology of crude and vulcanized rubber G. A. Blokh. Kauch i rez. 20 no. 12;52 D '61.

RUBBER—TESTING

Aging of rubbers under stress. L. I. Liubchanskaia, L. S. Fel'dshtein, A. S. Kuz'minskii. Kauch i rez. 21 no. 1; 23-26 Ja '62.

"Hysteresis losses in sliding friction and in rolling friction" by J. A. Greenwood, H. Minshall, D. Tabor. Kauch i rez. 21 no. 1;58-63 Ja '62.

RUBBER, RECLAIMED

Activators of rubber reclaiming process. Kauch. i rez. 20 no. 1;22-25 D '61

Reclaiming of rubber by the dispersing method. B. A. Dogadkin, G. N. Zachesova, I. A. Shokhin. Kauch. i rez. 20 no. 12;15-21 D '61.

Use of gas producer tars in rubber reclaiming. N. G. Krivunchenko and others. Kauch. i rez. 21 no. 1; 52-53 Ja '62.

RUBBER, SYNTHETIC
(see also subdivision under United States)

Determining the content of 1,2 links in piperylene rubber. A. I. IAkubchik, V. K. Smirnova. Zhur. prikl. khim. 35 no. 1;159-164 Ja '62.

Effect of fillers on the structure and mechanical properties of viton A vulcanizates. A. S. Novikov, F. S. Tolstukhina, G. V. Chernov. Kauch. i rez. 20 no. 12;30-35 D '61.

Effect of the amount of emulsifying agents on the viscosity of butadiene-styrene latexes. V. L. Kuznetsov, A. V. Lebedev. Kauch. i rez. 21 no. 1;16-19 Ja '62.

Present state of knowledge of rubber synthesis (synthesis of rubbers for special uses). B. A. Dolgoplosk, E. I. Tinikova Khim. prom. no. 11;794-802 N '61.

Study of the effect of some factors on the process of concentrating synthetic latexes. N. Lebedeva and others. Zhur. prikl. khim. 35 no 1,201-204 Ja '62.

RUBBER GOODS
(see also subdivision under Sverdlovsk)

Designing rubber-metal valves. D. B. Dobrushkin, E. S. Ekel', Z. D. Orlov. Kauch. i rez. 21 no. 1;11-15 Ja '62

New design of a drip pan for the vulcanization of unshaped bicycle rubber pedals. V. I. Kagan. Kauch. i rez. 20 no. 12;50-51 D '61.

S—TESTING
nflation extent of a gel on the tensile ulcanized meteorological radiosonde bal- es. I. I. Gol'berg and others. Kauch. i rez. -37 D '61.

STRY
the development of the rubber industry. nko, A. D. Shakh. Kauch. i rez. 21 no. 1:

wing the organization of production control lustry plants. E. D. Smirnova. Kauch. i .11;39-45 N '61.

STRY—CONGRESSES
the work of the rubber industry enterprises. Biul. nauch. inform. trud i zar. plata 4 '61.

STRY—COSTS
f calculating production costs by stages. bva. Vop. stat. i ucheta no. 4;28-73 '61.

RUBBER MACHINERY

Data on testing a cord calender with a Z-shaped distribution of rolls. D. D. Riabinin. Kauch. i rez 20 no 12 43-48 D '61

RUBBER PIPE see Pipe, Rubber

RUBBER TIRES see Tires, Rubber

RUBINSTEIN, ANTON, 1829-1894

Legacy of Rubinstein and our times. L Barenboim. Sov. muz. 25 no. 12 74-81 D '61.

RUDNYTS'KYI, IAROSLAV BOHDAN, 1910—BIBLIOGRAPHY see Bibliography—Rudnyts'kyi, Iaroslav Bohdan, 1910-

RUG AND CARPET INDUSTRY see subdivision under Daghestan; Vitebsk

RULERS (INSTRUMENTS)

Course line laying instruments. M. Gavriuk, V. Korneev. Mor. flot 22 no 1;17-19 Ja '62

RUMANIA—BIBLIOGRAPHY

[New literature on European people's democracies: Rumania.] Nov. lit. po evrop. stran. nar. dem. Rum. no. 11 '61.

RUMANIA—CAVES

Serban, Mihai, Iosif Fiman, and Dan Coman. [Caves of Rumania] Peshchery Rumynii. Bucharest, Izd-vo "Meridiany," 1961. xxxvi p. illus.

RUMANIA—CERAMIC MATERIALS

Production of porcelain for use in electric engineering in the Rumanian People's Republic. G. I. Barashenkov, G. N. Maslennikova. Trudy GIEKI no. 4;128-133 '60.

RUMANIA—COAL MINES AND MINING

Safe explosives used in Rumanian coln mines. Bezop. truda v prom. 5 no. 12 36 D '61.

RUMANIA—ECONOMIC CONDITIONS

Successes in the building of socialism in Rumania. IA. Kotlikov. Otv. na vop trud. no. 2-23-28 '61.

RUMANIA—EDUCATION

Rumanian school at a new stage. P. Lebedev. Nar. obr. no. 1 97-99 Ja '62.

RUMANIA—EMBROIDERY

Embroidery in the Rumanian kindergartens. O. Mumzi. Doshk. vosp 35 no. 1;113-114 Ja '62.

RUMANIA—EXPLOSIVES

Safe explosives used in Rumanian coln mines. Bezop. truda v prom. 5 no. 12-36 D '61.

RUMANIA—FOREIGN RELATIONS—RUSSIA

Voluntary alliance. Nov. vrem. 20 no. 7;2 F '62.

RUMANIA—FURNITURE INDUSTRY

Expansion of bent furniture manufacture in Rumania P. N. Suciu Der prom. 11 no. 1,28-29 Ja '62.

RUMANIA—HISTORY

"Rumania under the Venetians in the Middle Ages" [in French] by Freddy Thiriet. Reviewed by N. P. Sokolov. Viz. vrem. 19;329-350 '61.

RUMANIA—KNIT GOODS INDUSTRY

What to do with grandmother's knitting needles? Mest. prom. i khud. promys. 2 no. 7;39 Jl '61.

RUMANIA—LANGUAGES—STUDY AND TEACHING

Organizing the teaching of foreign languages in secondary schools. Mariana Botes. Inostr. iaz. v shkole no. 1;38-41 Ja-F '62.

RUMANIA—PAPER INDUSTRY

Report of an Uzbek chemist on the practice of Rumanian colleagues. Nar. khoz. Uzb. 3 no. 8 61-62 Ag '61

Woodpulp and paper industry of the Rumanian People's Republic. N. Stancu. Bum. prom. 36 no. 12;25-26 D '61

RUMANIA—PRICES

On the further raising of wages and reducing costs in the Rumanian People's Republic. A. Sirotkin. Biul. nauch. inform. trud i zar. plata 4 no. 9;67-68 '61.

RUMANIA—RAILROAD RESEARCH

Railroad research in the Rumanian People's Republic. G. Dima. Zhel. dor. transp. 43 no 12;33-36 D '61

RUMANIA—RAILROADS

Upswing in the railroad transportation of the Rumanian People's Republic. D. Simulescu. Zhel. dor. transp. 43 no. 12;6-9 D '61.

RUMANIA—RAILROADS—COMMUNICATION SYSTEMS

Automation, remote control and communications on the Rumanian railroads. P. Mihailescu. Zhel. dor. transp. 43 no. 12-26-31 D '61.

RUMANIA—RAILROADS—INTERNATIONAL COOPERATION

International cooperation of the railroads of the Rumanian People's Republic A. Samoilenko Zhel. dor transp. 43 no. 12 31-33 D '61.

RUMANIA—RAILROADS—MAINTENANCE AND REPAIR

Expansion of factory centers for the repair of the rolling stock in the Rumanian People's Republic C Mikhailovici Zhel. dor transp 43 no 12 18-21 D '61.

RUMANIA—RAILROADS—ROLLING STOCK

Locomotives and cars of the Rumanian railroads. C. Stoian. Zhel dor. transp 43 no 12 13-18 D '61

RUMANIA—RAILROADS—TRACK

Track and its maintenance on the railroads of the Rumanian People's Republic M Măroin. Zhel dor. transp 43 no. 12 22-26 D '61.

RUMANIA—RAILROADS—TRAFFIC

Some characteristics of train traffic organization on the railroads of the Rumanian People's Republic. E Niculescu. Zhel. dor transp 43 no. 12 9-12 D '61.

RUMANIA—WAGES

On the further raising of wages and reducing costs in the Rumanian People's Republic. A. Sirotkin. Biul. nauch. inform, trud i zar. plata 4 no. 9-67-68 '61.

RUMANIA—WOODPULP INDUSTRY

Report of an Uzbek chemist on the practice of Rumanian colleagues Nar. khoz Uzb. 3 no. 8, 61-62 Ag '61

RUMANIA—ZOOLOGY, ECONOMIC

Appearance of new elements in the fauna of Rumania causing considerable losses to the national economy. Alexander B. Grossu. Vest. Mosk. un. Ser. 6 Biol., pochv. 16 no. 6-3-10 N-D '61.

RUMANIAN LITERATURE—HISTORY AND CRITICISM

Solving vital problems... Mikhai Novikov. Vop. lit. 5 no 8 123-130 Ag '61.

RUMEN—MICROBIOLOGY

Fermentation process of rumen, gas and energy metabolism, and butterfat production in cows [with summaries in English, German, and French]. I. I Khrenov. Vest. sel'khoz. nauki 6 no. 11,56-62 N '61.

RUNOFF
(see also subdivision under Azerbaijan; Caspian Depression; Irkutsk Province; Kazakhstan; Kishchay Valley; Meshchera; Turianchay Valley)

Results of the use of indices of atmospheric processes in long-range runoff forecasts. A. B. Kryzhanovskaia. Trudy GGO no. 111-179-181 '61.

RURAL ELECTRIFICATION

Concerning A. P. Korshunov's article "Efficient design of 6 to 10 kv. rural electric power transmission lines." I. E. Ebin and others. Elek. sta 32 no. 12-78-83 D '61.

Electric power of the transportation industry. Nauka i zhizn' 28 no 10;54 O '61.

RURAL ELECTRIFICATION—HANDBOOKS, MANUALS, ETC.

[Concise manual for rural electricians] Kratkii spravochnik sel'skogo elektrifikatora. Sost. K. P. Chernozubov. Leningrad, Izd-vo sel'khoz. lit-ry khurnalov i plakatov, 1961. 430 p.

RURAL LIBRARIES
(see also subdivision under Pskov Province; Sikoyevo)

First helper to zootechnicians and agronomists. G. Viasova Bibliotekar' no 2;22-23 F '62.

Let us answer the decisions of the party. N. Drobin. Bibliotekar' no. 1-18-20 Ja '62.

Organization of book collections in rural libraries. K. Voron'ko. Bibliotekar' no. 2;53-54 F '62.

Tireless propagandist of the new. V. Ermakova. Bibliotekar' no. 1,20-21 Ja '62.

RURAL LIFE see Farm life

RURAL WATER SUPPLY see Water supply, Rural

RUSSIA

Day by day. Ogonek 40 no. 6;4-5 F '62.

Joy of tomorrow. Kul't. i zhizn' 6 no. 1;4-7 '62.

The study of local lore is an honorable activity. IU. Batin. Klub 10 no. 6;31 Je '61.

RUSSIA—AIR FORCE

At all altitudes. IU. Pronlakin. Sov. voin 43 no. 14;22-25 Jl '61.

In the night sky. E. Smirnov. Kryl. rod. 13 no. 2;5 F '62.

RUSSIA—AIR FORCE—FUEL

Service is pronounced excellent. I. Pavlov. Tyl. i snab. Sov. Voor. Sil 21 no. 11;31-35 N '61.

RUSSIA—AIR FORCE—POLITICAL ACTIVITY

These problems inspire the young students of the Air Force Academy. V Kazharskii. Komm Vooruzh Sil 2 no.3:58-60 F '62.

RUSSIA—ALLIED INTERVENTION, 1918-1920

How German, French, and English workers struggled against intervention against Soviet Russia, 1919-1920. E. A. Kurginian. Uch.zap MOPI 95.417-454 '61.

Krasnov, I.M. [The class struggle in the U. S. A. and the movement against anti-Soviet intervention, 1919-1920] Klassovaia bor'ba v SShA i dvizhenie protiv antisovetskoi interventsii, 1919-1920 gg. [Moskva] Izd-vo sotsial'no-ekon lit-ry, 1961 301 p

RUSSIA—ARMED FORCES

Extend the scope of socialist competition. A. Arzhavkin. Tyl i snab. Sov. Voor. Sil 21 no. 12, 27-30 D '61.

Learn to work under difficult conditions. A. Skovoroda. Tyl i snab. Sov. Voor. Sil 21 no. 12 18-23 D '61.

Let's prepare the young people to defend their country. A Grechko. Mot komm no 10 32-37 O '61

Preserve vigilantly the peaceful labor of the builders of communism. Tyl i snab Sov Voor Sil 21 no 10, 3-8 O '61.

Providing for the everyday needs of troops must be at the level of contemporary requirements I. Shtan Tyl i snab. Sov. Voor. Sil 21 no 11 38-43 N '61

The 22d Congress of the CPSU on strengthening the Soviet Armed Forces and the defense of our country N M. Kirisev. Vop. ist KPSS 6 no 1 63-76 '62.

We should vigilantly guard the creative work of the builders of communism. Komm. Vooruzh. Sil 2 no. 3: 3-8 F '62

RUSSIA—ARMED FORCES—FUEL

Liquid fuel gas is the best form of fuel. D. Burkeev. Tyl i snab. Sov. Voor. Sil 21 no. 12 84-86 D '61.

RUSSIA—ARMED FORCES—OFFICERS

Cadet becomes an officer S Nedoorov. Tyl. i snab. Sov. Voor. Sil 21 no 11 35-37 N '61

RUSSIA—ARMED FORCES—POLITICAL ACTIVITY

Better methods of organizational, political, and educational work should help us to tighten military discipline. Komm. Vooruzh. Sil 2 no. 3:36-38 F '62.

Brief news of party and political work. Komm. Vooruzh. Sil 2 no. 3:93-96 F '62.

A conference of the commanding officers of the foremost military units. Komm. Vooruzh. Sil 2 no. 3:96 F '62.

Let's increase the role of party organizations in the moral education of Soviet servicemen. N. Antonov. Komm. Vooruzh. Sil 2 no. 3:22-28 F '62.

Military problems in the program of the CPSU. P. Derevianko. Voen.-ist. zhur. 3 no. 9:9-16 S '61

Our fraternal friendship is growing stronger. P. Sidorenkov. Komm. Vooruzh. Sil 2 no. 3:51-54 F '62.

Pay more attention to soldiers A. Driagin, A. Vorobiev. Tyl i snab Sov Voor. Sil 21 no. 11 16-20 N '61.

Political information and real life. A. Mel'nikov, A. Kalashnikov. Komm. Vooruzh Sil 2 no. 3:14-23 F '62.

A powerful weapon in the struggle for communism. Komm. Vooruzh. Sil 2 no. 3:9-13 F '62.

Report of the victors. Sov. voin 43 no. 21:21 N '61.

Soldiers of the rear study the materials of the 22d Congress of the party. V. Ershov. Tyl i snab. Sov. Voor. Sil 21 no. 12: 23-26 D '61.

Soviet servicemen wholeheartedly approve the decisions of the party; they will do their best in order to carry them out. A. Mamaev, V. Grabchuk. Komm. Vooruzh. Sil 2 no. 3:55-58 F '62.

When was the institution of military commissars established? I. Kolesnichenko, V. Lunin. Voen.-ist zhur. 3 no. 9:123-126 S '61.

RUSSIA—ARMED FORCES—SUPPLIES AND STORES

In the campaign for economy and thrift. M. Antonov, A. Mamochkin. Tyl i snab. Sov. Voor. Sil 21 no. 10: 11-14 O '61.

RUSSIA—ARMY

Competing for the title of communist labor group. A. Khapaev. Tyl i snab. Sov. Voor. Sil 21 no. 12: 30-35 D '61.

RUSSIA—ARMY—FINANCE

Progressive method of financing planning. B. Borisov-Bogoliubov, P. IAblon'ka. Tyl i snab. Sov. Voor. Sil 21 no. 10: 54-55 O '61.

RUSSIA—ARMY—FUEL

Distributing apparatus. V. Morozov. Tyl. i snab. Sov. Voor. Sil 21 no 11:87 N '61

Lessons in the field. F. Tulinov, IU Miroshnikov. Tyl. i snab. Sov. Voor. Sil 21 no 11, 74-75 N '61.

Mechanization and automatization at fuel depots. E. Kovalev. Tyl i snab. Sov. Voor. Sil 21 no 10: 57-63 O '61.

Quickly and economically. N. Kaplun. Tyl. i snab Sov. Voor. Sil 21 no. 11:85-86 N '61.

They are increasing the readiness of equipment. IU. Solodov, M. Sachenko. Tyl i snab. Sov Voor Sil 21 no. 11. 81-84 N '61.

RUSSIA—ARMY—MILITARY LIFE

Cadets must have knowledge on company housekeeping V Biriulin Tyl i snab. Sov Voor Sil 21 no 11 50-52 N '61.

Commander directs troop supply and service. P Belik. Tyl i snab. Sov. Voor Sil 21 no 10: 31-36 O '61

Complete the preparation of military housekeeping for winter. S Kuchiavtsev Tyl i snab Sov Voor Sil 21 no 10: 37-40 O '61.

Improve planning of housekeeping operations M Manakin Tyl i snab Sov Voor. Sil 21 no 11 54-57 N '61

[In the presence of public opinion] Pered litsom obshchestvennosti. Moskva, Voen. izd-vo M-va oborony SSSR, 1961, 255 p

Initiative decides the success of things. N. Aleksandrov. Tyl i snab Sov. Voor. Sil 21 no. 10 40-43 O '61.

The main thing is guidance and control. V Konstantinov. Tyl i snab. Sov. Voor. Sil 21 no. 12 47-50 D '61.

Some remarks and proposals M Borodavkin Tyl i snab Sov. Voor Sil 21 no 11 52-53 N '61

There where it is more difficult. V. Ivonin. Sov. voin 43 no. 21 34-35 N '61.

RUSSIA—ARMY—NONCOMMISSIONED OFFICERS

Gusakovskii, I. I. [Remember, you are a sergeant!] Pomnite - vy serzhant! Moskva, Voen izd-vo M-va oborony SSSR, 1961 53 p.

RUSSIA—ARMY—OFFICERS

Pay unremitting attention to the training of officers. Voen. vest. 11 no. 9:67-68 S '61.

Progressive officer. V. Raev, Tyl i snab. Sov Voor. Sil 21 no. 10:55 O '61

Training of a commander. L. Nekhai. Voen. vest 41 no 7:71-72 Jl '61.

RUSSIA—ARMY—PERIODICALS

Principal themes of "Tyl i snabzhenie Sovetskikh Vooruzhennykh Sil" for 1962. Tyl i snab Sov. Voor. Sil 21 no 12 92-93 D '61

RUSSIA—ARMY—POLITICAL ACTIVITY

Only with excellent indexes A. Chvarkov. Voen. vest. 11 no. 9 23 S '61.

Relying on the party organization M Ivanov. Tyl. i snab. Sov. Voor. Sil 21 no 11 20-27 N '61

Soldiers hear your call, party! Voen. vest. 41 no. 9: 19-20 S '61.

We approve and support! IA. Davydov. Voen. vest. 41 no. 9 22-23 S '61

With inspiration and clarity. I. Nedosugov. Voen. vest. 11 no. 9:21-22 S '61.

RUSSIA—ARMY—SUPPLIES AND STORES

Characteristics of the rear supply of troops in winter. N. Mikhailov. Tyl i snab. Sov. Voor. Sil 21 no. 12, 36-40 D '61.

Pledges are successfully fulfilled. V. Uspenskii. Tyl i snab. Sov Voor. Sil 21 no. 10:63-67 O '61

Specialists of the rear compete. D. Vorotyntsev. G. Babkin. Tyl i snab. Sov. Voor Sil no. 10:43-48 O '61.

Supply operations in the mountains. N. Levchenko. Tyl i snab. Sov. Voor. Sil 21 no. 12, 42-46 D '61.

RUSSIA—COMMERCE

Commercial agreements and the route of goods. M. Darbinian. Sov. torg. 35 no. 1:17-22 Ja '62.

"Finances of state commerce and its planing" by N. I. Kuzin. Reviewed by G. Matveev, D. Shvuim. Sov. torg. 35 no. 2:42-44 F '62.

Important form of economic cooperation. A. Kodachenko. Mezhdunar. zhizn' 9 no 2:50-59 F '62.

Influence of Soviet trade on commodity S. P. Lysenko. Sbor. nauch. rab. Len no. 16:46-64 '60.

Let's raise the standards of our co years. Sov. torg. 35 no. 1:1-4 Ja

Let's use the possibilities of mech greater extent. I. Olenev Vnesh '62.

Notes on the methods of constructi and plans. N. S. Pomazkov. Sbo sov. torg. no. 16:168-177 '60.

Statistics in V. I. Lenin's works an for the statistics of Soviet trade. A. N. Pekel'nyi. Sbor. nauch. rab. no. 16:20-33 '60.

Uniform accounting plan for Soviet V. D. Sokolov. Sbor. nauch. rab. L no. 16:161-167 '60.

V. I. Lenin on the role of commerc of transition from capitalism to Doroshev. Sbor. nauch. rab. kaf. Khar. no. 3:163-172 '60.

RUSSIA—COMMERCE—AFRICA

How the Soviet Union conducts its t countries. V. Katin. Nov. vrem. '62.

RUSSIA—COMMERCE—IRAN

Role of Armenian merchants in the development of Russo-Iranian trade in the last third of the 17th century, based on material of the Central State Archive of Ancient Documents N G Kukanova Krat soob Inst nar Azii no 30 26-31 '61

RUSSIA—COMMERCE—SYRIA

From the history of Russian-Syrian commercial relations, 1900-1914 I M. Smilianskaia. Krat. soob. Inst. nar. Azii no 15 129-139 '61

RUSSIA—COMMUNIST PARTY see Communist Party of the Soviet Union

RUSSIA—CULTURE

Abundance of spiritual culture. Kul't. i zhizn' 6 no. 1. 36-37 '62

From speeches, E. Shapovalova and others. Vop. est. no 4.173-183 '60

Kim, M. P. [Communism and culture] Kommunizm i kul'tura. Moskva, Ges. izd-vo polit. lit-ry, 1961. 70 p. (Bibliotechka znanii o kommunizme no. 6)

RUSSIA—DEFENSES

"Answers of the Soviet Minister of Defense, R. IA. Malinovskii, to questions of Pravda's newspaper correspondent on the statement of U. S. Defense Secretary McNamara Nov vrem. 20 no 6:4-5 F '62.

RUSSIA—ECONOMIC CONDITIONS

"Building the foundation of a socialist economy in the U. S. S. R., 1926-1932." Reviewed by V. Vinogradov. Vop. ekon no 2:142-145 F '62

Comments by presidents. M. V. Keldysh and others. Nauka i zhizn' 28 no. 10:2-17 O '61.

Congress of the builders of communism. Geog. v shkole 25 no. 1:2-4 Ja-F '62.

Congress of the builders of communism Tyl. i snab Sov. Voor Sil 21 no 11 3-9 N '61.

Creation of the material and technical foundations of communism. V. F. Levin. Izv. vys. ucheb. zav. ;tekh. teket. prom. no. 6:3-10 '61.

Facts about Soviet-American economic competition. IA. Lugantsov Nov vrem. 20 no 6:6-9 F '62.

Interbranch balance and its use in planning. L. Berri, F. Klotsvorg, S Shatalin. Plan. khoz. 39 no 2:61-62 F '62.

Organization of local economic conferences and the adoption of their practice, reports to V. I Lenin of the managerial staff of the Council of People's Commissars and the Council of Labor and Defense, 1921-1922. Submitted by M S Veselina, L M Drobizheva, L. A. Shapiro. Ist. arkh. 7 no. 3 55-75 My-Je '61.

Podkolzin, A. M. [Developing the national economy of the U. S. S. R. in 1956-1959] Razvitie narodnogo khoziaistva SSSR v period 1956-1959 gg. Moskva, M-vo vysshego i srednego spetsial'nogo obrazovaniia RSFSR, 1959. 43 p.

[MICROFILM]

Statistical "rope walking" of bourgeois economists. V. Kudrov Mir. ekon. i mezhdunar. otn. no. 1 144-146 Ja '62.

V. I. Lenin on the material prerequisites of the Great October Socialist Revolution. I. V Foliushevskii Sbor. nauch. rab. kaf. polit. ekon. vuzov g. Khar. no. 3: 191-201 '60.

Voronov, N. I. [This happened in our time; from a journalist's diary] Eto bylo v nashi dni, iz dnevnika zhurnalista. [Leningrad] Lenizdat, 1961 249 p.

What the figures show. I. Nemeshaev. Nauka i zhizn' 28 no. 10:32-33 O '61.

RUSSIA—ECONOMIC GEOGRAPHY see Geography,

637475 O - 62 - 15

RUSSIA—ECONOMIC POLICY (Continued)

[For you, Soviet citizen] Tebe-sovetskii chelovek. [Moskva, Izd-vo "Molodaia gvardiia," 1960] 15 p

Fulfillment of the program of the CPSU is the task of the people F. Kalabukhov. Avt transp 40 no 1:1-3 Ja '62.

General line of economic development NTO 4 no 1: 2-5 Ja '62

Great program of building communism. Voen.-ist. zhur. 3 no. 9:3-8 S '61.

Great program of the struggle for communism. Blok. agit. [Gruz.] 18 no 16 1-9 Ag '61.

The greatest historical document of our times. Sov etn. no 5 3-8 S-O '61.

Heavy industry is the basis of the economic might and the defense capacity of our country. V. Vavilov. Tyl i snab. Sov. Voor. Sil 21 no. 12:12-17 D '61.

Historical decisions should be put in practice I Basov. *NTO 3 no 12 6-9 D '61*

Implementing the resolutions of the 22d Party Congress. Izv AN Arm SSR. Ser fiz -mat. nauk 14 no. 6 3-4 '61

Improve the national economic planning in the U. S. S. R. to meet new tasks B. Miroshnichenko. Vop. ekon. no. 1:3-18 Ja '62

Large-scale building of communism in the U. S. S. R. and the further strengthening of the world system of socialism. D. E. Genkin Uch. zap kaf obshchestv nauk vuz. g. Len., Polit. ekon. no. 3:5-28 '61.

Lisitsyn, N. A. [State plan is the law of developing production] Gosudarstvennyi plan - zakon razvitiia proizvodstva. Minsk, Gos izd-vo BSSR, Red. sotsial'-no-ekon lit-ry, 1961. 30 p. (Dlia slushatelei nachal'nykh ekonomicheskikh shkol i kruzhkov na promyshlennykh predpriiatiiakh)

March forward toward new achievements'. Kozh. -obuv. prom 3 no 11 1-4 N '61

Market analysis in planning Soviet trade. A. I. Fainitskii. Sbor. nauch. rab. Len. inst. sov. torg. no. 10:34-45 '60

Model themes for discussion on the draft program of the *CPSU. Blok. agit. [Gruz.] 18 no. 16:29-30 Ag '61.*

Novikov, V. N. [State plan for the development of the Soviet national economy in 1962; a report and closing argument at the seventh session of the Fifth Supreme *Soviet of the U. S. S. R.*, December 6 and 8, 1961. The law on...] O gosudarstvennom plane razvitiia narodnogo khoziaistva SSSR na 1962 god; doklad i zakliuchitel'noe slovo na VII sessii Verkhovnogo Soveta SSSR piatogo sozyva 6 i 8 dekabria 1961 goda. Zakon... Moskva, Izd-vo ekon. lit-ry, 1961. 39 p.

On a planned interbranch balance. F. N. Klotsvog. Och. po sovr. sov. i zarub. ekon. no. 1:59-71 '60.

On proportionality and means necessary to achieve it in productive work. A. T. Mikhailov. Uch. zap. kaf. obshchestv. nauk vuz. g. Len.; Polit. ekon. no. 3:59-87 '61.

Our main economic problem. M. Efremkin. Part. zhizn' Kazakh. 31 no. 10:22-27 O '61.

Our objectives are clear, our tasks determined A Rodionov. NTO 4 no 1:2-5 Ja '62.

Preserve vigilantly the peaceful labor of the builders of communism. Tyl i snab. Sov. Voor. Sil 21 no. 10:3-8 O '61.

Prospects for developing the Soviet economy. A. Korobov. Plan. khoz. 39 no. 2:3-16 F '62.

Riabchikov, E. I. [Marvelous wonders] Divnye divy. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 189 p.

The scientific foundation of the economic plan is the most important principle in planning the national economy. A. Kochubei. Ekon. Sov. Ukr. no. 4:45-54 Jl-Ag '60.

Strengthening of the defense of the U. S. S. R. in the light of the program of the CPSU. A. Lagovskii. Tyl. i snab. Sov. Voor Sil 21 no. 11:10-15 N '61.

Toward a bright future, toward communism. NTO 3 no. 12:2-5 D '61.

Toward new frontiers. Mashinostroitel' no 1:1-2 Ja '62

RUSSIA—FOREIGN ECONOMIC RELATIONS—SWEDEN

"Collected source materials relating to Russo-Swedish *economic contacts in the 17th century.*" Reviewed by S. M. Troitskii. Ist. arkh 7 no. 3:261-264 My-Je '61

RUSSIA—FOREIGN RELATIONS

Entering 1962.... Az. i Afr. seg. no. 1:2 Ja '62.

"Outline history of Russian foreign policy from the end of the 19th century to 1917" by V. I. Bovykin. Reviewed by M. I. Grishina. Prep. ist. v shkole *17 no. 1:101-102* Ja-F '62.

RUSSIA—FOREIGN RELATIONS—ALBANIA

Who gains from the dissident actions of the Albanian leaders? N. Vinnitskii, A. Arkad'ev. Mezhdunar. zhizn' 9 no. 2:76-81 F '62.

RUSSIA—FOREIGN RELATIONS—BYZANTINE EMPIRE

The campaign of the Russians against Berdaa and Russian-Khazarian relations in 943. N. IA. Polovoi. Viz. vrem. 20:90-105 '61.

RUSSIA—FOREIGN RELATIONS—INDIA

The East looks into the future. Subimal Datt, Jarandra Narain Singha. Az. i Afr. seg. no. 1:3-4 Ja '62.

RUSSIA—FOREIGN RELATIONS—JAPAN

Militaristic Japan's violation of her neutrality pact with the U. S. S. R L. Kudashev. Mezhdunar. zhizn' 9 no. 2 103-115 F '62.

RUSSIA—FOREIGN RELATIONS—KOREA, NORTH

[Conclusion of a treaty of friendship, cooperation, and mutual aid between the Korean People's Democratic Republic and the U. S. S. R.] Zakliuchenie dogovora o druzhbe, sotrudnichestve i vzaimnoi pomoshchi mezhdu KNDR i SSSR [Pyongyang] 16 p. (Prilozhenie no. 2 k zhurnalu "Novaia Koreia" no. 15, 1961)

RUSSIA—FOREIGN RELATIONS—NEPAL

The East looks into the future. Subimal Datt, Jarendra Narain Singha Az. i Afr. seg. no 1 3-4 Ja '62.

Nepal's national holiday. Nov. vrem. 20 no. 8:3 F '62.

RUSSIA—FOREIGN RELATIONS—RUMANIA

Voluntary alliance. Nov. vrem. 20 no. 7:2 F '62.

RUSSIA—FOREIGN RELATIONS—UNITED STATES

Krasnov, I. M. [The class struggle in the U. S. A. and the movement against anti-Soviet intervention, 1919-1920] Klassovaia bor'ba v SShA i dvizhenie protiv antisovetskoi interventsii, 1919-1920 gg. [Moskva] Izd-vo sotsial'no-ekon lit-ry, 1961 301 p.

RUSSIA—GEOGRAPHY *see* Geography

RUSSIA—HISTORIOGRAPHY

A conference on historiography. Vest. Mosk. un. Ser. 9: Ist. 17 no. 1:75-79 Ja-F '62.

RUSSIA—HISTORY

Igor's first campaign against Byzantium. N. IA. Polovoi. *Viz. vrem.* 18:85-104 '61.

Important aspects of Russian history in the period of imperialism M. IA. Gefter Vest. AN SSSR 32 no. 1: 138-140 Ja '62.

M. V. Lomonosov on the origin and nature of the ancient Russian state. N. A. Lobanov. Izv. vys. ucheb. zav. ;prav. 5 no. 4:139-143 '61.

"Practical manual on the history of the U S S R." by A G Zadera, A. P. Pronshtein. Reviewed by A D Gorskii, A V. Murav'ev Nauch dokl *vys. shkoly, ist nauki* no. 2 219-222 '61.

Russia (1923- U. S. S. R.) [Sentral'nyi gosudarstvennyi istoricheskii arkhiv v Moskve. [Collected documents and source materials on the Russian labor movement in the 19th century] Rabochee dvizhenie v Rossii v XIX veke; sbornik dokumentov i materialov.
Vol. 4. 1895-1900.
Pt. 1. 1895-1897. 1961. 966 p

RUSSIA—HISTORY—SOURCES

A coordinating conference of the publishers of *source* materials. I. A. Ist. arkh. 7 no. 3:273-274 My-Je '61

Russia (1923- U. S. S. R.) Glavnoe arkhivnoe upravlenie. [Rules for the publication of documents of the Soviet period] Pravila izdaniia dokumentov sovetskogo perioda. Moskva, 1960. 53 p.

RUSSIA—HISTORY—STUDY AND TEACHING

Discussion on the topic "Medieval Russia in Soviet belles-lettres." Prep. ist. *v shkole 17 no. 1:114-115 Ja-F '62.*

"Pages from the history of our homeland." Book review. Prep. ist. v shkole 17 no. 1:112 Ja-F '62.

RUSSIA—INDUSTRIES

Economic problems in organizing industrial production. S. A. Kheinman. Vest. AN SSSR 32 no. 1:44-52 Ja '62.

Novikov, V. N. [State plan for the development of the Soviet national economy in 1962; a report and closing argument at the seventh session of the Fifth Supreme *Soviet of the U. S. S. R.*, December 6 and 8, 1961. The law on....] O gosudarstvennom plane razvitiia narodnogo khoziaistva SSSR na 1962 god, doklad i zakliuchitel'noe slovo na VII sessii Verkhovnogo Soveta SSSR piatogo sozyva. 6 i 8 dekabria 1961 goda. Zakon.... Moskva, Izd-*vo ekon. lit-ry, 1961.* 39 p.

Personal connections in Russian heavy industry on the eve of the First World War. *V. I. Bovykin, K. F. Shatsillo.* Vest. Mosk. un. Ser. 9: Ist. 17 no. 1:55-74 Ja-F '62.

Proportion between fixed assets and gross output in industry. P. Bunich. *Vop. ekon. no. 1:62-73 Ja '62.*

V. I. Lenin on the decisive role of heavy industry in building the material and technical foundation of socialism and communism in the U. S. S. R. V. G. Usenko. Sbor. st. LITMO no. 49:26-39 '60.

RUSSIA—INTELLECTUAL LIFE

Burg, David [Opposition trends among Soviet youth in the years following "the thaw"] [with summary in English] [illegible] posle [illegible] zur [illegible] SSR [illegible] aterialy, Sei. [illegible]

RUSSIA—LITERATURES

Amid periodicals and newspapers. Vop. lit 5 no. 7: 244-246 Jl '61

Difficulties which must and can be overcome. D Blagoi. Vop lit. 5 no 8 61-70 Ag '61

How the "History" must be formulated. V. Kneicher. Vop lit. 5 no. 8:75-84 Ag '61.

Unity of literatures is the principal topic of study. Nafi Dzhusoity. Vop lit. 5 no 8:71-75 Ag '61

RUSSIA—MANUFACTURES

Improving the quality of the product is an important means of making production more economical P. Bobrovskii. Vop. ekon. no. 1:140-145 Ja '62.

RUSSIA—MAPS

New geographical atlas for the fourth grade V. M. Sokolov Geod. i kart. no. 11 46-50 N '61

RUSSIA—MILITARY POLICY

Always be on guard for peaceful labor. K. Bochkarev. Voen. vest. 41 no. 9:14-18 S '61.

Military problems in the program of the CPSU. P. Derevianko. Voen.-ist. zhur. 3 no. 9:9-16 S '61.

RUSSIA—NAVY

Work in military science in the fleet rear. O. Bar-Biriukov. Tyl i snab. Sov. Voor. Sil 21 no 10 20-22 O '61.

RUSSIA—NAVY—PERIODICALS

They serve in the Pacific Ocean. V. Bizhaev. Sov. voin 43 no. 21:41 N '61.

RUSSIA—NAVY—POLITICAL ACTIVITY

Follow-up of unpublished letters to the editor. Komm. Vooruzh. Sil 2 no. 3:95 F '62.

RUSSIA—NAVY—PROVISIONING

Co-operation is the basis for successful supplying of ships and units. M. Voinshenker. Tyl i snab. Sov. Voor. Sil 21 no. 10:47-49 O '61.

So that food may be tasty and varied. M. Ryff, N. Ferens. Tyl i snab. Sov Voor Sil 21 no. 11:60-61 N '61.

RUSSIA—POLITICS AND GOVERNMENT

[Gazette of the Supreme Soviet of the R. S. F. S. R.] Ved. Verkh. Sov. RSFSR 6 no. 4 F '62.

[Gazette of the Supreme Soviet of the U. S. S. R.] Ved. Verkh. Sov. SSSR 25 nos. 6-8 F '62.

How the Communist Party tried to strengthen and improve the Soviet state apparatus. V. V. Shevtsakova. Uch. trudy Kazakh. gos. un. Ser. iur. no. 5:45-73 '59.

How the functions of some governmental agencies have been passed to public-service organizations. TS. A. IAmpol'skaia. Izv. vys. ucheb. zav. ;prav. 5 no. 4:45-51 '61.

Kalinin, G. S. [The Soviet state and law in the period of the consolidation of Soviet rule, October 1917-July *1918*] Sovetskoe gosudarstvo i pravo v period upracheniia Sovetskoi vlasti, oktiabr' 1917 - iul' 1918 gg.; lektsii dlia studentov VIUZI. Moskva, Vses. iurid. *zaochnyi in-t.*
No. 1. 1960. 88 p.

New program of the CPSU and further development of the theory of a socialist state [in Uzbek with summary in Russian]. M. Kh. Khakimov. Obshchestv. nauki v Uz. no 11:13-24 '61.

Representative government and the development of governmental administration during the building of communism. IU. A. Tikhomirov Sov. gos. i pravo 32 no. 2: 35-46 F '62.

The socialist family of peoples. E. Bagramov. Kul't. i zhizn' 5 no. 8:2-3 '61.

The socialist state and the Soviet people. G. I. Petrov, V. S. Petrov. Izv. vys. ucheb. zav. ;prav. 5 no. 2:12-21 '61.

We shouldn't forget the veterans of Soviet justice. S. Koblents. Sots. zakon 30 no. 1:51 Ja '62.

RUSSIA—POPULATION

"Population of the U. S. S. R." by P. G. Podlashikh. Reviewed by S. A. Kovalev. Geog. v shkole 25 no. 1: 90-93 Ja-F '62.

RUSSIA—RELATIONS (GENERAL) WITH ASIA

"Lenin on friendship with the peoples of the East." Reviewed by V. Surovov. Az. i Afr. seg. no 1:56-57 Ja '62.

RUSSIA—RELATIONS (GENERAL) WITH BULGARIA

Georgii Bakalov's Russian ties. V. I. Zlydnev. Lit. slav. nar. no. 6:218-267 '61.

Ivan Vasov and Russia. V. I. Zlydnev. Lit. slav. nar. *no. 6:111-125 '61.*

RUSSIA—RELATIONS (GENERAL) WITH CANADA

The U. S. S. R. interests us also. Leslie Hunt. Kul't. i zhizn' 5 no. 8:36 '61.

RUSSIA—RELATIONS (GENERAL) WITH CEYLON

Light of peace is in their eyes. R. A. Vidjidasa. Kul't. i zhizn' 5 no. 8:37 '61.

RUSSIA—RELATIONS (GENERAL) WITH CUBA

At the seventeenth meeting of "Nevskaia sreda." A.Kacharav, A.Pitiutko. Neva no.7:221-222 '61

Birth of the new. R.Karmen. Isk.kino no.7:21-22 Jl '61.

Cuba sil V. Volodkin. IUn. tekh. 5 no.7:62-64 Jl '61.

Cuba today. V. Ivanov, P. Ossovskii. Kul't. i zhizn' 5 no 8:44 '61.

A letter from a Cuban peasant. O.M Slonim. Ist.arkh. 7 no.3 276-277 My-Je '61.

RUSSIA—RELATIONS (GENERAL) WITH CZECHOSLOVAKIA

We are grateful to the envoys of Lenin L.Vysokoostrovskii, O Knorring Ogonek 10 no 4 4-5 Ja '62.

RUSSIA—RELATIONS (GENERAL) WITH EAST GERMANY

Through the pages of the foreign press. M.S. Isk.kino no.7:149-150 Jl '61.

RUSSIA—RELATIONS (GENERAL) WITH FINLAND

Cooperation between Soviet and Finnish trade unions. V. V. Grishin. Nov vrem 20 no. 6:12-13 F '62.

In friendly Finland. V. Naumenkov. Sov. voin 43 no. 21:36-41 N '61.

RUSSIA—RELATIONS (GENERAL) WITH FOREIGN COUNTRIES

Contribution to a common cause. V. Miaskov. Kul't. i zhizn' 5 no. 8:31-35 '61

House where you are expected. I. Deigin. Kul't. i zhizn' 5 no. 1:25-26 '62.

Interesting travels. M. Domrachev. Kul't. i zhizn' 5 no. 8:40-42 '61.

Joint films. Mikh. Belliavskii. Kul't. i zhizn' 5 no. 8: 28-30 '61.

RUSSIA—RELATIONS (GENERAL) WITH FRANCE

Boiev, IU. O., and IU. IE. IEgorov. [Traditional bonds between the peoples of the U. S. S. R. and France] Tradytsiini zv'iasky mizh narodamy SRSR i Frantsii. Kyiv, Vyd-vo Akad. nauk URSR, 1960. 70 p.

The development of Soviet-French cultural contacts, 1918-1927. Submitted by N.V. Timofeeva. Ist.arkh. 7 no.3 166-177 My-Je '61.

From Paris to Vevey. Lev Sheinin. Oktiabr' 38 no. 8: 173-185 Ag '61.

School of courage. Fernand Grenier. Isk.kino no.7: 23-24 Jl '61.

RUSSIA—RELATIONS (GENERAL) WITH HUNGARY

You know them. L. Lerov. Ogonek 40 no. 4:12-14 Ja '62.

RUSSIA—RELATIONS (GENERAL) WITH INDIA

Soviet-Indian cultural cooperation. G. A. Zhukov. Nov. vrem. 20 no. 9:16-17 F '62.

RUSSIA—RELATIONS (GENERAL) WITH JAPAN

Russia of the 18th century through Japanese eyes. V. M. Konstantinov. Krat soob. Inst. nar Azii no. 44:67-76 '61.

RUSSIA—RELATIONS (GENERAL) WITH MOLDAVIA

Mokhov, N. A. [Studies on the history of Moldavian relations with Russia and the Ukraine from the ancient period to the early 19th century] Ocherki istorii moldavsko-russko-ukrainskikh sviazei; s drevneishikh vremen do nachala XIX veka. Kishinev, Izd-vo "Shtiintsa," 1961. 212 p.

RUSSIA—RELATIONS (GENERAL) WITH NORTH KOREA

First friends. Khan San Un. Kul't. i zhizn' 6 no. 1: 35-36 '62.

RUSSIA—RELATIONS (GENERAL) WITH SLOVENIA

Anton Aškerc and Russian literature. M. I. Ryzhova. Lit. slav. nar. no. 6:178-206 '61.

RUSSIA—RELATIONS (GENERAL) WITH SWEDEN

Letter to a young friend. Aleksandr Borshchagovskii. Kul't. i zhizn' 5 no. 8:32-33 '61.

Results of a year. N. N. Semenov. Kul't. i zhizn' 6 no. 1: 22-23 '62.

RUSSIA—RELATIONS (GENERAL) WITH TURKEY

Wonderful impressions... Perihan Chambel. Kul't. i zhizn' 5 no. 8:37 '61.

RUSSIA—REVOLUTION, 1917-1921
(see also subdivision under Georgia; Kazakhstan; Siberia; Soviet Central Asia; Soviet Far East; Tatar A. S. S. R.; Turkestan)

The Communist Party as the organizer of the defeat of the IUdenich Army in the autumn of 1919. A. A. Madudov. Uch. zap. MOPI 95:121-166 '61.

The Communist Party as the organizer of the struggle against underground counterrevolutionary activities during the early phase of the civil war. A. S. Gorodilov. Uch. zap. MOPI 95:3-42 '61.

Establishment of the committees of poor peasants in the R. S. F. S. R. in the summer of 1918. G. A. Vul'fson. Uch. zap. MOPI 95:325-357 '61.

Gaponenko, L. S., ed. [The Great October Revolution; collected documents] Velikii Oktiabr'; sbornik dokumentov. Moskva, Izd-vo Akad. nauk SSSR, 1961. 426 p.

Golden troop train. B. Speranskii. Ogonek 40 no. 5 12-13 Ja '62.

History of the struggle against counterrevolutionary sabotage. M. N. Luchkin. Uch. zap. MOPI 95:43-97 '61.

How the Communist Party organized "Special purpose units" for the struggle against the counterrevolution in 1921 and 1922. S. M. Tel'nov. Uch. zap. MOPI 95.167-214 '61.

How the Communist Party worked among women workers during the civil war, 1918-1920. V. P. Il'icheva. Uch. zap. MOPI 95:325-357 '61.

Kalinin, G. S. [The Soviet state and law in the period of the consolidation of Soviet rule, October 1917-July 1918] Sovetskoe gosudarstvo i pravo v period uprochenila Sovetskoi vlasti, oktiabr' 1917 - iiul' 1918 gg.; lektsii dlia studentov VIUZI. Moskva, Vses. iurid. zaochnyi in-t.
No. 1. 1960. 88 p.

Living legend. A. Rogov. Ogonek 40 no. 5:24 Ja '62.

Organization of the political work among the masses during the civil war, 1919-1920. P. M. Morozov. Uch. zap. MOPI 95:215-256 '61.

Party and political work in the units of the Moscow Military District, 1918-early 1919. V. P. Boechin. Uch. zap. MOPI 95:257-288 '61.

Struggle of the Communists of Bulgaria to defend Soviet Russia (1917-1921). I. Mitev. Voen -ist. zhur 3 no. 9:106-111 S '61.

When was the institution of military commissars established? I. Kolesnichenko, V. Lunin. Voen. -ist. zhur. 3 no. 9:123-126 S '61.

RUSSIA—REVOLUTION, 1917-1921—AERIAL OPERATIONS

Above white guard forces' rear. N. Kudriavtsev. Kryl. rod. 13 no. 2:22-23 F '62.

RUSSIA—REVOLUTION, 1917-1921—PERSONAL NARRATIVES

[The unforgettable; reminiscences] Nezabyvnemoe; vospominanila. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 301 p.

RUSSIA—REVOLUTION OF 1905
(see also subdivision under Siberia)

How the Bolsheviks tried to draw proletarian trade unions into political struggle in 1905. N. I. Sedova. Rev. dvizh. v Sib. i na Dal'. Vost. no. 1:87-110 '60.

RUSSIA—SOCIAL CONDITIONS

Creators of a new life. V. Kalinkin. Polit. samoobr. 5 no. 7:71-76 Jl '61.

[Good people are around you] Vokrug tebia - khoroshie liudi. Moskva, Gos. izd-vo polit. lit-ry, 1961. 80 p. (Iz serii o kommunisticheskoi morali: Vremia i liudi)

Merciless love. O. Kuprin. Ogonek 40 no. 2:14-15 Ja '62.

Radishchev, A. N. [A trip from Peterburg to Moscow] Puteshestvie iz Peterburga v Moskvu. Moskva, Gos. izd-vo khudozh. lit-ry, 1961. 185 p.

RUSSIA—STATISTICS

On a planned interbranch balance. F. N. Kliotsvog. Och. po sovr. sov. i zarub. ekon. no. 1:59-71 '60.

RUSSIA—UNDERGROUND LITERATURE

Overcoming the obstacles set by the tsarist secret police. B. Rasin. Raspr. pech. no. 6:24 Je '61.

RUSSIA, NORTHERN—BUILDING

Kushnev, A. P. [Designing buildings for districts of the Far North] Proektirovanie zdanii dlia raionov Krainego Severa. Leningrad, Gos. izd-vo lit-ry postroit., arkhit. i stroit. materialam, 1961. 194 p.

RUSSIA, NORTHERN—ETHNOLOGY

The ways of the settlement of the northern part of the Russian plain and the eastern Baltic [with summary in English]. G. F. Debets. Sov. etn. no. 6:51-69 N-D '61.

RUSSIA, NORTHERN—FOLKLORE

Conference on the Folklore of Ethnic Groups in the Far North. A. V. Smoliak. Sov. etn. no. 6:127-128 N-D '61.

RUSSIA, NORTHERN—GRAPTOLITES

Stratigraphic significance of graptolites in sub-arctic regions of the U. S. S. R. V. N. Pavlinov. Trudy MGRI 37:184-189 '61.

RUSSIA, NORTHERN—ICE ON RIVERS, LAKES, ETC.

[illegible] ctic rivers in the [illegible] Pavlinov, Probl. Arkt. [illegible].

RUSSIA, NORTHERN—MEDICAL GEOGRAPHY

Some materials on the medico-geographical features of the European part of the northern R. S. F. S. R. G. T. Ivanov. Geog. sbor. no. 14:57-72 '61.

RUSSIA, NORTHERN—RESEARCH

Information on research work in studying natural conditions in the north of the U. S. S. R. Probl. Sev. no. 4:172-177 '61.

RUSSIA, NORTHWESTERN—DRAINAGE

Subsurface flow on drained farm lands. I. M. Krivonosov. Nauch. trudy KOMS no. 1 17-30 '59.

RUSSIA, NORTHWESTERN—ICE ON RIVERS, LAKES, ETC.

Using the characteristics of the baric circulation regime in forecasting the rapid and continuous establishment of the ice phase. V.V Lebedeva. Trudy GGO no. 118: 182-192 '61.

RUSSIA, NORTHWESTERN—PHYSICAL GEOGRAPHY

Methodological problems in the division of the northwestern part of the Russian Plain into physicogeographical regions. A.G. Isachenko. Vop. geog. no.55:6-17 '61.

RUSSIAN DRAMA—HISTORY AND CRITICISM

"Development of contemporary Soviet drama." Teatr 23 no. 1:20 Ja '62.

In the Union of Writers of the U. S. S. R. Teatr 23 no. 1: 20 Ja '62.

RUSSIAN DRAMA (COMEDY)

Probability of fact and truth of art. N. Smolitskaia. Teatr 23 no. 1:141-146 Ja '62.

RUSSIAN LANGUAGE—ADJECTIVE

"Predana" or "predanna?" N.A. Es'kova. Vop. kul't. rechi no.3,220-224 '61

RUSSIAN LANGUAGE—ADVERB

On one diffusion of a stylistic error in the modern spoken language. V. P. Vomperskii Vop. kul't. rechi no.3:167-175 '61.

RUSSIAN LANGUAGE—CASE

Constructions with dual cases in the Galician-Volhynia chronicle. I. F. Nelliubova. Nauk. zap. Stan. derzh ped inst. vol. 4:55-73 '60.

RUSSIAN LANGUAGE—COMPARISON

Certain forms of comparative degree. N. A. Es'kova. Vop. kul't. rechi no. 3:145-149 '61.

RUSSIAN LANGUAGE—CONVERSATION AND PHRASE BOOKS—ESTONIAN

Dormidontova, Z., and F. Lopp. [Russian-Estonian phrase book] Russko-estonskii razgovornik. Vestlusi vene ja Eesti keeles. Tallinn, Eesti Riiklik Kirjastus, 1960. 191 p.

RUSSIAN LANGUAGE—DIALECTS see subdivision under Perm Province

RUSSIAN LANGUAGE—DICTIONARIES

Corrective dictionaries of the 19th and beginning of the 20th century. R.M. TSeitlin. Vop. kul't. rechi no. 3: 176-186 '61.

Outline of foreign language-Russian mining dictionaries. L. I. Baron, N N. Ershov. Nauch. soob. Inst. gor dela 6 129-137 '60.

RUSSIAN LANGUAGE—DICTIONARIES—ESTONIAN

Nurm, E., E. Raiet, and M. Kindlam, comps. [Dictionary of political and economic terminology] Politika ja majanduse oskussonastik. Tallinn, Eesti Riiklik Kirjastus, 1955. 361 p.

RUSSIAN LANGUAGE—DICTIONARIES—POLYGLOT

"Fascicles for the Russian-Tajik-Latin medical dictionary" by M. IA. Rasulov. Zdrav. Tadzh. 6 no. 6:59-60 N-D '61.

Russian-Tajik-Latin medical dictionary (fascicle for the letter "K"). M. IA. Rasulov. Zdrav. Tadzh. 8 no. 6: supplement N-D '61.

RUSSIAN LANGUAGE—DICTIONARIES—TAJIK

"Russian-Tajik medical phrase book" by A. M. IAgudaev. Reviewed by M. IA. Rasulov. Zdrav. Tadzh. 8 no. 5: 42-44 S-O '61.

RUSSIAN LANGUAGE—DICTIONARIES—UZBEK

Ismailov, R. I., and M. E. Norkin. [Russian-Uzbek dictionary on physical education and sports] Ruscha-uzbekcha fizkul'tura va sport terminlari izokhli lugati. Toshkent, Uzbekistan davlat nashriioti, 1961. 95 p. [In Uzbek]

RUSSIAN LANGUAGE—GRAMMAR

Makeeva, V. N. [History of M. V. Lomonosov's "Russian grammar."] Istoriia sozdaniia "Rossiiskoi grammatiki" M. V. Lomonosova. Moskva, Akad. nauk SSSR, 1961. 170 p.

RUSSIAN LANGUAGE—INTONATION

Firsov, G. P. [Studying syntax and punctuation in schools; scientific basis of teaching intonation] Ob izuchenii sintaksisa i punktuatsii v shkole; nauchnoe obosnovanie raboty nad intonatsiei. Pod red. V. V. Vinogradova. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1961. 174 p. (Pedagogicheskaia biblioteka uchitelia)

RUSSIAN LANGUAGE—MACHINE TRANSLATING

Determination of verbal bases for automatic analysis of Russian texts. V. A. Matveenko. Probl. kib. no. 6:277-280 '61.

Morphological analysis in machine translation (chiefly of Russian material). I. A. Mel'chuk Probl kib. no. 6: 207-276 '61.

Morphological types of bases of the Russian language (for the distinction of morphemic homonymy during analysis in machine translation). L. N. Iordanskaia Probl. kib. no. 6:281-287 '61

Specific features of coding and programming the algorism of morphological analysis for the Russian language on the "Kiev" electronic computer. N M. Grishchenko. Probl. kib. no. 6:289-297 '61.

RUSSIAN LANGUAGE—NOUN

New compound words with "avto." L. A. Azarova. Vop. kul't. rechi no 3.224-229 '61.

RUSSIAN LANGUAGE—OLD RUSSIAN

Constructions with dual cases in the Galician-Volhynia chronicle. I. F. Nelliubova. Nauk. zap. Stan. derzh ped inst. vol. 4:55-73 '60.

Leningrad. Universitet. [Initial stage in the development of the Russian national language] Nachal'nyi etap formirovaniia russkogo natsional'nogo iazyka. [Leningrad] Izd-vo Leningr. univ., 1961. 254 p.

RUSSIAN LANGUAGE—ORTHOGRAPHY

Uniform orthographic system in geography classes. L. A. Gavriliuk. Geog. v shkole 25 no. 1:39-41 Ja-F '62.

RUSSIAN LANGUAGE—PARTICIPLE

"Predana" or "predanna?" N. A. Es'kova. Vop. kul't. rechi no. 3:220-224 '61.

RUSSIAN LANGUAGE—SPOKEN RUSSIAN

"Standards of the literary language with emphasis on spoken Russian" by G. I. Rikhter. Reviewed by L. A. Azarova. Vop kul't. rechi no. 3 237-239 '61.

RUSSIAN LANGUAGE—STUDY AND TEACHING
(see also subdivision under Tajikistan)

Andreev, A. N. [Ways of increasing students literacy in the Russian language in eight-year schools] Puti povysheniia gramotnosti uchashchikhsia po russkomu iazyku v vos'miletnei shkole. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 95 p. (Iz opyta uchitelia)

For a literate and cultural speech. Kh. Akhtamzian. Doshk. vosp. 35 no. 1:63-65 Ja '62

Fuks, E. IU. [Vocabulary exercises in Russian language lessons; in the upper grades of schools where education is carried on in the Lithuanian language] Slovarnaia rabota na urokakh russkogo iazyka v starshikh klassakh shkol s litovskim iazykom obucheniia. Kaunas, Gos. izd-vo pedagog. lit-ry Litovskoi SSR, 1960. 89 p. (Mokytojo bibliotekele)

How we help to study the Russian language. N. Kadisheva. Kul't. i zhizn' 6 no. 1:45-46 '62.

In search of the new. K. IU. Rosental'. Vech. sred. shkola 4 no. 6:26-28 N-D '61.

In the Ministry of Education of the R. S. F. S. R. Geog. v shkole 25 no. 1:83-85 Ja-F '62.

In the Ministry of Education of the R. S. F. S. R. Prep. ist. v shkole 17 no. 1:94-97 Ja-F '62.

Measures for improving the knowledge and skills of Russian language students. Khim. v shkole 17 no. 1: 93-94 Ja-F '62.

Methods to raise the level of knowledge and skills of the Russian language students. Biol. v shkole no. 1,94-96 Ja-F '62.

On human beauty..... V. G. Andrushkevich. Vech. sred. shkola 4 no. 6:65-69 N-D '61.

On consultations. Sred. spets. obr. 9 no. 1:63 Ja '62.

Reformatskii, A. A., ed. [Russian language for foreign students; collection of methodological articles] Russkii iazyk dlia studentov inostrantsev; sbornik metodicheskikh statei. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 220 p.

Supervising the teaching of the Russian language in minority schools I Sivkin. Nar. obr. no. 1 insert: 14-16 Ja '62.

Teacher and principal are responsible for quality in teaching the Russian language. Nar. obr. no. 1 insert: 1-14 Ja '62.

Uniform requirements for the spoken and written language of students. Khim. v shkole 17 no. 1:95-96 Ja-F '62.

RUSSIAN LANGUAGE—STYLE

"Cultivation of Russian speech; a popular scientific study" by B. N. Golovin. Reviewed by V. L. Vorontsova, A. I. Sumkina. Vop. kul't. rechi no. 3:235-236 '61.

"Cultivation of speech" by S. K. Evgrafov. Reviewed by V. P Danilenko, L. V. Usacheva. Vop. kul't. rechi no. 3:241-242 '61.

Forms of the verb and adjective in sentences with feminine personal names. I. F. Protchenko. Vop. kul't. rechi no. 3:116-126 '61.

How should the classics be edited? V. Kovskii. Vop. lit. 5 no. 8:196-197 Ag '61.

"Language of popular literature" by K I Bylinskii, M V. Zarva. Reviewed by L. A. Azarova. Vop. kul't. rechi no. 3,237 '61.

Must the classics be edited? (Reply to V. Kovskii). E. Prokhorov. Vop. lit. 5 no 8 197-201 Ag '61.

On the language standard. R. R. Gel'gardt. Vop. kul't. rechi no. 3 21-37 '61.

Standards of development and language "vestiges." V P. Grigor'ev. Vop. kul't. rechi no. 3 3-20 '61.

Stylistic usage of the verb in the various persons in modern Russian D N. Shmelev. Vop. kul't. rechi no. 3 38-59 '61.

RUSSIAN LANGUAGE—SYNTAX

Gvozdev, A. N. [Modern Russian literary language] Sovremennyi russkii literaturnyi iazyk. Izd. 2., perer. i dop. Moskva, Gos. uchebno-pedagog izd-vo M-va prosv. RSFSR.
Pt. 2. [Syntax] Sintaksis. 1961. 343 p.

RUSSIAN LANGUAGE—TECHNICAL RUSSIAN

New compound words with "avto " L. A. Azarova. Vop. kul't. rechi no. 3 224-229 '61.

RUSSIAN LANGUAGE—TENSE

On one modification of the relative usage of the future tense. A. N. Gvozdev. Vop kul't. rechi no. 3 82-92 '61.

RUSSIAN LANGUAGE—TERMS AND PHRASES

More on the expression "Nalomat' drov." S. O. Vop kul't. rechi no. 3:233-234 '61.

"Na urovne poslov." A. N. Gvozdev. Vop. kul't. rechi no. 3:201-204 '61.

"Poka sut' da delo." L. I. Skvortsov. Vop. kul't. rechi no. 3 191-193 '61.

"Poriadka desiati tysiach." A. V. Gvozdev. Vop. kul't. rechi no. 3:204-207 '61.

"Vse v azhure." L. I. Skvortsov. Vop. kul't. rechi no. 3-187-191 '61.

"Zheleznyi zanaves." V. G. Kostomarov. Vop. kul't. rechi no. 3-194-201 '61.

RUSSIAN LANGUAGE—VERB

Double-aspect verbs in the Russian language. I. P. Muchnik. Vop. kul't. rechi no. 3 93-115 '61.

Stylistic usage of the verb in the various persons in modern Russian. D. N. Shmelev. Vop. kul't. rechi no. 3-38-59 '61.

Synonomous verbs of the type "belet' - belet'sia" and khvastat' - khvastat'sia." N A. IAnko-Trinitskaia. Vop. kul't. rechi no. 3 60-81 '61.

"Zaver shit'." B. S. Shvartskopf. Vop. kul't. rechi no. 3-210-214 '61.

RUSSIAN LANGUAGE—WORDS

Compound words having "provod" for the second part. E. I. Golanova Vop. kul't. rechi no 3,154-161 '61.

"Intrigan" or "intrigant?" A. V. Superanskaia. Vop. kul't. rechi no. 3:214-220 '61.

On the formation of the new words "trudoustroistvo - trudoustroit'." N. A. IAnko-Trinitskaia. Vop. kul't. rechi no. 3,127-144 '61.

Style of word usage in local newspapers. IU. A. Bel'chikov. Vop. kul't. rechi no. 3-162-166 '61.

"Umelets." L. P. Krysin. Vop. kul't. rechi no. 3:207-210 '61.

RUSSIAN LITERATURE

Discussion on the topic "Medieval Russia in Soviet belles-lettres." Prep. ist. v shkole 17 no. 1-14-16 Ja-F '62.

RUSSIAN LITERATURE—BIBLIOGRAPHY see Bibliography—Russian literature

RUSSIAN LITERATURE—HISTORY AND CRITICISM

"The affirmative character of Soviet literature" by V A. Kovalev. Reviewed by V. Kaminskii. Neva no. 7:198-199 '61.

Brainina, B. IA. [Autobiography of the century] Avtobiografiia veka; sbornik statei. Moskva, Sovetskii pisatel', 1961. 341 p.

"Creative individuality of the writer" by B Kostelianets. Reviewed by A. Tamarchenko. Vop. lit. 5 no. 8-209-213 Ag '61.

"Exoticism of the virgin lands" and the truth of life. F. Svetov. Vop lit 5 no 7:18-35 Jl '61.

For authentic history. V. Ivanov. Vop. lit. 5 no. 7-54-65 Jl '61.

For whom do we write? M Charnyi. Oktiabr' 38 no. 7:200-208 Jl '61.

Gor'kii, Maksim. [M. Gor'kii on literature] M. Gor'kii o literature. Moskva, Gos. izd-vo khudozh. lit-ry, 1961. 611 p.

"History of Soviet Russian literature in three volumes." Reviewed by A. V. Kulinych. Rad. lit. 6 no. 1:145-151 Ja-F '62

Ideology, skill, talent A. Vissenko. Oktiabr' 38 no. 8-208-214 Ag '61.

New frontiers and new quests. Viktor Pankov. Kul't. i zhizn' 6 no. 1:38-39 '62.

Pitiful notes on "polemic paragraphs " S. Shtut Vop lit. 5 no. 7 237-240 Jl '61.

Talent of the artist. T. Napolova. Neva no. 7:171-176 '61.

Thoughts on the prose of young writers. Lenina Ivanova Oktiabr' 38 no. 8 201-208 Ag '61.

"Tikhyi okean"; a literary almanac Reviewed by M. Peisakhovich. Vop lit 5 no 8 202-209 Ag '61.

Under the omen of historicism. A. Khvatov. Neva no 7: 184-186 '61.

RUSSIAN LITERATURE—PERIODICALS

No. 1 of "Filologicheskie nauki" for 1961 Vop. lit 5 no. 6 242-243 Ag '61

Nos 1 and 2 of "Izvestiia Akademii Nauk SSSR" for 1961. Vop. lit. 5 no 8-212 Ag '61

Nos. 1 and 2 of "Russkaia literatura" for 1961. Vop lit 5 no. 7 231-235 Jl '61

RUSSIAN LITERATURE—STUDY AND TEACHING

[illegible] Moscow, i zaoch- alury - k d-vo Akad. icheskie

chtenila)

Let's talk about our contemporaries. L. F. Bogacheva. Vech. sred. shkola 4 no. 6-59-64 N-D '61.

What it means to understand literature S. Gurevich. Vop lit. 5 no 8-139-156 Ag '61

RUSSIAN NEWSPAPERS
(see also subdivision under Voronezh)

Communism affirms peace, work, freedom, equality, fraternity, and happiness on earth. M. Afonin. Sov. pech. no. 1:22-23 Ja '62.

Grebnev, A. V. [Newspapers; their editorial staffs, writers and readers] Gazeta; redaktsiia, avtory, chitateli Moskva, Gos. izd-vo polit. lit-ry, 1961. 119 p.

RUSSIAN NEWSPAPERS—INDEXES

[Chronicle of newspaper articles,] Let. gazet. st. no. 1 '62.

RUSSIAN PERIODICALS

How the magazine "Ogonek" is made. N. Vaks. Raspr. pech. no. 7:21-23 Jl '61.

"Moskva" to the readers. E. Popovkin. Raspr. pech. no. 5:13 My '61.

RUSSIAN PERIODICALS—INDEXES

[Chronicle of periodical articles,] Let. zhur. st. nos. 3-6 '62.

Index of articles published in the periodical "Bezopasnost' truda v promyshlennosti" in 1961. Bezop. truda v prom. 5 no. 12:39-43 D '61.

Index to articles in "Vizantiiskii Vremennik," Viz. vrem. 19:351-364 '61.

Index to articles in "Vizantiiskii Vremennik" and "Vizantiiskoe Obozrenie" from 1910 to 1928. Viz. vrem. 18:312-322 '61.

List of articles and materials published in "Sovetskaia Etnografiia" during 1961. Sov. etn. no. 6-156-160 N-D '61.

RUSSIAN PLAIN see East European Plain

RUSSIAN PLATFORM—ROCKS, CRYSTALLINE AND METAMORPHIC

Absolute age of base rocks in the eastern part of the Russian Platform. I. E. Starik, A. IA. Krylov, J. I. Silina. Biul. Kom. po opr. abs. vozr. geol. form. no. 4: 64-65 '61.

RUSSIAN PLATFORM—PALEONTOLOGY, STRATIGRAPHIC

Boundary between the Devonian and Carboniferous in the central part of the Russian Platform. I. E. Zanina. Inform. sbor. VSEGEI no. 42:85-90 '61.

RUSSIAN POETRY—BIBLIOGRAPHY see Bibliography—Russian poetry

RUSSIAN POETRY—HISTORY AND CRITICISM

Igor's campaign against the Polovtsy in history and poetry. S. V. Shervinskyi. Rad. lit. 6 no. 1:62-74 Ja-F '62.

Light overnight case and a heavy treasure (conclusion). Boris Solov'ev. Oktiabr' 38 no. 7:186-199 Jl '61.

This is not in the nature of discussion. A. Dymshits. Neva no. 7:187 '61.

RUSSIAN SATELLITES see Communist Countries

RUSSIAN SOCIAL DEMOCRATIC PARTY
(see also subdivision under Estonia; Siberia; Siberia, Western)

V. I. Lenin and the Prague Conference of the Russian Social Democratic Party. S. M. Petrov, V. IA. Klimushev. Vop. ist. KPSS 6 no. 1;77-94 '62.

RUSSIAN SOCIAL DEMOCRATIC PARTY—CONGRESSES
Ostroukhova, K. A. [The Sixth (Prague) All-Russian Conference of the Russian Social Democratic Party] Shestaia (Prazhskaia) Vserossiiskaia konferentsiia RSDRP. Moskva, Gos. izd-vo polit. lit-ry, 1961. 66 p. (S"ezdy, konferentsii i plenumy TsK KPSS)

RUTCHENKOVO—COKE INDUSTRY
Rutchenkovo coke-chemical plant. Koks i khim., no. 10: 37 O '61.

RUTENBURG, DAVID MIKHAILOVICH, 1889-1961
In memory of David Mikhailovich Rutenburg. Zhur. ush., nos. i gorl. bol 21 no. 4:90-91 Jl-Ag '61.

RUTHENIA see Transcarpathia

RUTILE—ANALYSIS see subdivision under Ural Mountains

RYAZAN PROVINCE—GAS AS FUEL
Gas came to the village. V. Petrov. Zhil.-kom. khoz. 11 no. 10:24-25 O '61.

RYBAKOV, MAKAR ANDREEVICH, 1891-
"Difficult years"; a novel by Makar Rybakov. Reviewed by V. Grechnev. Neva no. 6:200-201 '61.

RYE BREEDING
Genetics of rye (Secale cereale L.). Report No. 2 Xenia [with summary in English]. V. S. Fedorov Inst. po gen. no 1 116-121 '61.

SABLES see subdivision under Magadan Province

SACROCOCCYGEAL REGION—ABNORMITIES AND DEFORMITIES
Embryogenesis of the epithelial course of the coccygeal region and surgical treatment of its suppurative complications. V. L. Rivkin. Vest. khir. no. 5:87-93 '61.

SACROCOCCYGEAL REGION—DISEASES
Suppurative processes of the sacrococcygeal region [with summary in English]. D. M. TSerentsian. Sov. med. 25 no. 9:79-81 S '61.

SADONSK—MINERS—DISEASES AND HYGIENE
Anglan incidence among miners of the Sadonsk ore deposits [with summary in English]. N. F. Pitenko, G. G. Cheminnov, S. V. Sabanov. Zhur. ush., nos. i gorl. bol. 21 no. 4:61-63 Jl-Ag '61.

SAGO see subdivision under India

SAILORS (NAVY)
Allgament for shock workers of communist labor. A. Rodionov. Tyl. i snab. Sov. Voor. Sil. 21 no. 11:46-49 N '61.
True friendship. G. Singariev. Sov. voin 43 no. 21:42-43 N '61.
Where submariners live and study. V. Deriabin. Tyl. i snab. Sov. Voor. Sil 21 no. 11:58-60 N '61.

SAILORS (NAVY)—RECREATION
The fleet is in. V. Zheltov. Sov. voin 43 no. 14:34-35 Jl '61.

SAINFOIN
Ecological historical analysis of morphogenetic processes in the sainfoin genus [with summary in English]. I. M. Kul'tiasov. Bot. zhur. 46 no. 12:1740-1755 D '61.

SAINTS
Ranovich, A. [Creation of biographies of Saints] Kak sozdavalis' zhitiia sviatykh. Moskva, Gos. izd-vo polit. lit-ry, 1961. 70 p. (Nauchno-populiarnaia bibliotechka po ateizmu)

SAKHALIN—COAST CHANGES
Morphology and evolution of the lagoonal shore of Sakhalin. A. T. Vladimirov. Trudy Inst. okean. 40:145-171 '61

SAKHALIN—PHYTOGEOGRAPHY
Geobotanical zoning of Sakhalin. Z. M. Naumenko. Bot. zhur. 46 no. 8:1166-1180 Ag '61.

SAKHALIN PROVINCE see Sakhalin

SAKHAROV, ANATOLII ALEKSANDROVICH, 1901-
Docent Anatolii Aleksandrovich Sakharov (On his 60th birthday). I. P. Pavlova, A. I. Ivanov, D. A. Pigulevskii. Vest. otorin. no. 6:106 '61.

SAKHAROV, VASILII FEDOROVICH
Working and searching. L. Ostrovskii. Bibliotekar' no. 2:45-46 F '62.

SAKOYEVO—RURAL LIBRARIES
For collective-farm production. E. Solgina. Bibliotekar' no. 2:20-21 F '62.

SALDA REGION—GEOLOGY, STRATIGRAPHIC
Recent data on the Pre-Cambrian of the eastern slope of the Urals. I. V. Chermeninova. Dokl. AN SSSR 142 no. 3:661-662 Ja '62.

SALES
Komarov, B. K. [Contracts for the sale of merchandise on commission according to Soviet law] Dogovor komissii po sovetskomu pravu. [Moskva] Izd-vo Mosk. univ., 1961. 51 p.

SALICYLATES
Effect of salicylates on cardiac activity in experimental disturbance of the coronary circulation (electrocardiographic data). M. M. Shikhov and others. Vrach delo no. 6.14-18 Je '61.

SALICYLATES—THERAPEUTIC USE
Electrophoretic studies of blood serum in rheumatic patients receiving compound treatment; ultraviolet irradiation and salicylic preparations. T. M. Kamenetskaia. Vop. kur., fizioter. i lech. fiz. kul't. 24 no. 6: 508-510 N-D '59.

SALICYLIC ACID
Treatment of tuberculosis with massive doses of isoniazid in combination with streptomycin or para-aminosalicylic acid [with summary in French] Glaros. Probl. tub. no. 5:23-25 '61.

SALINE AND ALKALI SOILS
(see also subdivision under Azerbaijan)
Conditions and state of the work of drains and collecting lines in the drainage systems of some collective farms in the northern part of the Mugan Steppe. Sh. N. Bagirov Izv. AN Azerb. SSR, Ser. biol. i med. nauk no. 10:111-115 '61.

SALINITY
Effect of different salinity and temperature conditions on the growth rate of colonies of the polyzoan Lepralia pallasiana Moll. R. G. Simkina, E. P. Turpaeva. Trudy Inst. okean. 49:200-204 '61.
Effect of different salinity conditions on the bivalvular mollusk Toredo navalis L. I. N. Soldatova. Trudy Inst. okean. 49:162-179 '61.
Reaction of the cirriped Balanus improvisus Darwin of the Black Sea to reduced salinity. E. P. Turpaeva, R. G. Simkina. Trudy Inst. okean. 49:205-223 '61
Reaction of the polychaete Mercierella enigmatica Fauvel of the Black Sea to different salinity conditions. E. P. Turpaeva. Trudy Inst. okean. 49:187-199 '61

SALINOMETER
"SEMS" salinometers. Prom. Arm. 4 no. 11:42-43 N '61.

SALIVA
Some components of the saliva in patients with dental prostheses of various metals. I. S. Rubezhova. Trudy LSGMI 63:173-175 '60.

SALIVARY CALCULI see Calculi, Salivary

SALIVARY GLANDS
Data for an experimental and histological analysis of the reactivity and plasticity of the large salivary glands during various age periods. E. Sh. Gerlovin. Trudy LSGMI 63:202-219 '60.
Influence of conduction anesthesia on the paired activity of the salivary glands [with summary in English]. N. P. IArosh. Zhur. vys. nerv. deiat 11 no. 5:932-936 S-O '61.
Topography of the submaxillary salivary glands and the regional lymph nodes. D. G. Doviner. Stomatologiia 39 no. 6:31-33 N-D '60.

SALIVARY GLANDS—RADIOGRAPHY
Sialography. B. F. Kadochnikov. Stomatologiia 39 no. 6: 64 N-D '60.

SALMONELLA
Comparative study of dehydrogenase activity in Breslau bacteria isolated from patients [with summary in English]. F. G. Diatlov. Antibiotiki 6 no. 6:521-526 Je '61.
Detection of salmonelloses in a group of acute gastrointestinal diseases. M. G. Kudriavtsev, B. A. Chukhlovin. Voen.-med. zhur. no. 7:47-48 Jl '61.
Differential diagnostic significance of rectoromanoscopy in salmonellosis and dysentery [with summary in English]. M. S. Greshil. Sov. med. 25 no. 6:101-104 Je '61.
Effectiveness of antibiotic and sulfanilamide treatment of food toxicoinfections of salmonella origin. IU. M. Mikhailova, E. G. Mel'nik. Sov. med. 25 no 7.131-133 Jl '61.

SALMONELLA TYPHOSA see Eberthella typhosa

SAL'SK DISTRICT—SCHOOL SUPERVISION
In a progressive district. A. Demintsev. Nar. obr. no. 1: 24-30 Ja '62.

SALT
A [illegible] sodium [illegible] Flisskii -2467
Disinfection of sputum containing mycobacteria tuberculosis using products from the electrolysis of solutions of sodium chloride [with summary in French] T. N. IAshchenko Probl. tub no 5:69-75 '61.

SALT DEPOSITS see subdivision under Nakhichevan A.S.S.R.

SALT DOMES see subdivision under Pripet Valley

SALT IN THE BODY
Problems in the pathology and treatment of children with disorders of water - salt metabolism in acute intestinal infections. N. V. Verotynitseva Pediatriia no. 1 20-27 '62.

SALT MINES AND MINING
Trupak, N. G. [Ways of controlling water during shaft sinking in potash and salt mines] Sposoby bor'by s vodoi na kalilnykh i solianykh rudnikakh pri prokhodke stvolov. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961 319 p.

SALTS
(see also subdivision under Kotmen'-Tyube)
Effect of cellulose on the hydration of salts G. V. Nemirov, M. S. Ostrikov Uch. zap. RGU 41 161-172 '58
Surface tension of aqueous solutions of inactive substances. N. M. Lakinskaia. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 4:604-610 '61.
Thermodynamic properties of fused salt solutions in the $CdBr_2$ - NaBr system. M. F. Lantratov, T. N. Shevliakova. Zhur. prikl. khim 34 no 11 2570-2573 N '61.

SALTYKOV, MIKHAIL EVGRAFOVICH, 1826-1889
Zhuravlev, N. V. [M. E. Saltykov-Shchedrin in Tver, 1860-1862] M. E. Saltykov-Shchedrin v Tveri, 1860-1862. Red., biograficheskaia spravka i vstup. stat'ia N. A. IAkovleva. [Kalinin] Kalininskoe knizhnoe izd-vo, 1961. 213 p.

SALVAGE (WASTE, ETC.)
Complex utilization of waste at the Maikhura concentrating mill. P. M. Solozhenkin and others. Izv. Otd. geol.-khim. i tekh. nauk AN Tadzh. SSR 1:33-44 '60.
How to recuperate solvents. I. Svechnikov. Mest. prom i khud. promys. 2 no. 7:32 Jl '61.

SALZBURG—MUSIC FESTIVALS
Salzburg on a new road M. Rubin. Sov. muz. 25 no 12: 125-126 D '61

SAMARIUM
Alfimenkov, V. P., and others. [Observation of the Mossbauer effect in Sm^{149}] Nabliudenie effekta Messbauera v Sm^{149}. Dubna, Ob"edinennyi in-t iadernykh issl., 1961. 6 p. [With summary in English]

SAMARKAND PROVINCE—AGRICULTURE
Division of Samarkand and Bukhara Provinces into natural and agricultural regions. A. N. Rakitnikov, N. A. Gvozdetskii, T. V. Zvonkova. Vop. geog. no. 55, 136-161 '61.

SAMARKAND PROVINCE—ECONOMIC POLICY
Knowledge of economics is a guarantee of successful planning. Z. Munirov. Nar. khoz. Uzb. 3 no. 8:67-68 Ag '61.

SAMARKAND PROVINCE—PUBLIC HEALTH, RURAL
Every village must have a good hospital. V. Baidalov. Nar. khoz. Uzb. 3 no 8.83-86 Ag '61.

SAMARKAND PROVINCE—TRADE UNIONS
Political and educational activity of the union "Koshchi" in Samarkand Province; 1920-1927. M. M. Abramov. Obshchestv. nauki v Uz. no. 7:57-60 '61.

SAMPLING (STATISTICS)
Survey data of a sampling study of the cost indices of production. Vest. stat. no. 1:88-96 '62.
Using the sampling method in collecting data on manpower in capitalist countries. A. Volkov. Biul. nauch. inform.: trud i zar. plata 4 no. 9 69-74 '61.

SAMSONOVA, NINA GEORGIEVNA
I remember Nina Samsonova. . . . A. Ulesov. Doshk. vosp. 35 no. 1:8-10 Ja '62.

SAMUR VALLEY—NECTAROSCORDUM
Occurrence of Nectaroscordum tripedale (Trautv.) Grossh. in the delta of the Samur River. P. L. L'vov. Bot. zhur. 46 no. 8:1210-1212 Ag '61.

SAND-LIME PRODUCTS
Acceleration of the autoclaving of lime-siliceous building materials by introducing sodium flouride into the silicate composition. D. I. Chemodanov, M. E. El'tsova. Sbor. nauch. trud TISI 8:113-117 '61.
Possibility of using sluiced ash in the manufacture of autoclaved building materials. D. I. Chemodanov, V. V. Siber. Sbor. nauch. trud. TISI 8:118-122 '61.
Study of the structural properties of autoclaved silicate concrete. V. N. Gusakov. Sbor. trud. VNIINSM no. 2: 205-232 '60.

SANSKRIT INSCRIPTIONS see Inscriptions, Sanskrit

SANDSTONE—MODELS

Apparatus for making models of sandstone with uniform and nonuniform physical properties A. E. Evgen'ev Izv. vys. ucheb. zav.; neft' i gaz 4 no. 6, 63-69 '61

SANDSTONE—TESTING

Study of stresses in milling sandstone. Z. N. Alekhova. Nauch. soob. Inst. gor. dela 7 105-110 '61.

Study of the milling of sandstone with a single milling cutter. Z. N. Alekhova. Nauch. soob. Inst. gor. dela 5: 64-74 '60.

SANDY SOILS

Bare sandy soils in southern terrains as a particular habitat for primary pine forests. I. I. Gordienko. Bot. zhur. 46 no. 8;1190-1194 Ag '61.

SAPHENOUS VEINS—DISEASES

Thrombosis of aneurysmal dilatation of the orifice of the vena saphena magna simulating strangulated femoral hernia. I. M. Kuz'mina, K. P. Kuz'min. Vest. khir. no. 5;136-137 '61

SAPONIFICATION

Effect of soap concentration on the completeness of separation of unsaponifiables. P. G. Igonin, V. V. Svitkin. Khim. i tekh. topl. i masel 7 no. 2:29-31 F '62.

SAPOZHOK—BATHS, MOOR AND MUD

Treatment with Sapozhok mud of subacute forms of radiculitis. E. N. Kovalev, A. P. Mokshinova. Vop. kur., fizioter. i lech. fiz. kul't. 26 no. 4 309-311 Jl-Ag '61.

SAPROPELS see subdivision under Knyaspinskoye Lake (Sverdlovsk Province)

SARATOV—THEATER

In Saratov today. G. Shcherbina. Teatr 23 no. 1: 155-163 Ja '62.

SARATOV PROVINCE—RETAIL TRADE—FINANCE

Bank control over the course of trade and delivery of goods. G. Zyeman, V. Lapaksin, TS. Khaitina. Den i kred 20 no. 1:50-61 Ja '62.

SARCOLYSINE

Antitumor action of some derivatives of sarcolysine and closely related compounds. N. A. Vodolazskaia. Vop. *onk.* 7 no. 5:77-84 '61.

SARIAN, MARTIROS SERGEEVICH, 1880-

In the world of M. Sarian's poetic images. Vladislav Zimenko. Iskusstvo 24 no. 6:4-8 '61.

SARYCHAT VALLEY—PHYSICAL GEOGRAPHY

The Sarychat Valley; physicogeographical features. S. B. Baigutliev. Izv. Vses. geog. ob-va 93 no 6;487-499 N-D '61.

SATELLITES, ARTIFICIAL see Artificial satellites

SATIRE

Strangeness of a review. A. Narkevich. Vop. lit. 5 no. 7: 241-243 Jl '61.

SATIRE—PERIODICALS

Allow me to introduce satire. M. Semenov. Kul't. i zhizn' 5 no 8;25-26 '61.

SAUDI ARABIA—ETHNOLOGY

Tribe, nationality and nation in Saudi Arabia [with summary in English] A. I. Pershits. Sov. etn no 5, 53-62 S-O '61.

SAUERKRAUT

Mechanized workshop for sauerkraut. A. Anikeenko. Sov. torg. 35 no. 1:52-54 Ja '62.

SAVERIN, MIKHAIL ALEKSEEVICH

M. A. Saverin- the initiator of standardization in the machinery industry. E. P. Nadeinskaia Standartizatsiia 26 no. 1;14-15 Ja '62.

SAVITSKII, GEORGII KONSTANTINOVICH, 1887-1949

"Georgii Konstantinovich Savitskii" by E. Polishchuk. Reviewed by I. Granovskii. Iskusstvo 24 no. 12;66-67 '61.

SAVSHINSKII, SAMARII IL'ICH, 1891-

Glorious jubilee. Sov. muz. 26 no. 1:94 Ja '62.

SAWS

New books Tyl. i snab. Sov. Voor. Sil 21 no. 11:95 N '61.

Power fret saw. E. Skomorokhov. IUn. tekh. 5 no. 7: 78-80 Jl '61.

[illegible] hard alloy [illegible] 11 no. 1:16 [illegible] '62.

SAYAN MOUNTAINS—ANGELICA

[illegible] Umbelliferae [illegible] syna.

SAYAN MOUNTAINS—AROMATIC PLANTS

Some aromatic plants of the Sayans G. V. Pigulevskii, V. I. Kovaleva, N. V. Belova. Trudy Bot. inst. Ser. 5 no 9 242-250 '61

SAYAN MOUNTAINS—BOTANY, ECONOMIC

Tannin plants of the central Sayans P. D. Sokolov. Trudy Bot. inst. Ser. 5 no 9 259-290 '61

SAYAN MOUNTAINS—BOTANY, ECONOMIC—RESEARCH

Preface. Trudy Bot. inst. Ser. 5 no 9:5-6 '61

SAYAN MOUNTAINS—BRYOPHYTES

Materials on the bryophyte flora of the Sayans. L. I. Savich-Liubitskaia. Trudy Bot. inst. Ser. 5 no 9:364-381 '61.

SAYAN MOUNTAINS—CENTAUREA

Rhaponticum carthamoides (DC) Iljin as a valuable medicinal plant. V. S. Sokolov, A. A. Nikitin, Al. A. Fedorov Trudy Bot. inst. Ser. 5 no 9:347-363 '61

SAYAN MOUNTAINS—FIR

Structure and origin of resin receptacles in the Siberian fir (Abies sibirica Ledb.) A. A. Nikitin. Trudy Bot. inst. Ser. 5 no. 9:159-168 '61.

SAYAN MOUNTAINS—FOREST ECOLOGY

Forest types of the central Sayans and their economic significance (upper reaches of the Kan, Malyy Agul, and Kizir Rivers). P. K. Krasil'nikov. Trudy Bot. inst. Ser. 5 no. 9 49-150 '61.

SAYAN MOUNTAINS—GLOBEFLOWER

Asian globeflower (Trollius asiaticus L.) and its possible utilization in the production of yellow dye. Al. A. Fedorov, A. A. Nikitin. Trudy Bot. inst. Ser. 5 no. 9 303-310 '61.

SAYAN MOUNTAINS—LARCH

Siberian larch (Larix sibirica Ledb.) as a resin-bearing plant *Al. A. Fedorov, S. D. Shteinbok, L. V. Luzeva.* Trudy Bot. inst. Ser. 5 no. 9:151-158 '61.

SAYAN MOUNTAINS—LICHENS

Materials on the lichen flora of the Sayans. K. A. Rassadina. Trudy Bot. inst. Ser. 5 no. 9:382-390 '61.

SAYAN MOUNTAINS—MARSH TEA

Chemical composition of essential oils of marsh tea (Ledum palustre L.) from the Sayans. N. P. Kir'ialov, T. N. Naugol'naia Trudy Bot. inst. Ser. 5 no 9:169-174 '61

SAYAN MOUNTAINS—PETROLOGY

Recent intrusion in the Eastern Sayans. N. D. Sobolev. Izv. AN SSSR, Ser. geol. 27 no. 2:103-107 F '62.

SAYAN MOUNTAINS—PHYSICAL GEOGRAPHY

Physicogeographical characteristics of the central Sayans. An. A. Fedorov. Trudy Bot. inst. Ser. 5 no 9:9-48 '61.

SAYAN MOUNTAINS—PINE

Siberian pine of the central Sayans as a fatty oil plant. P. K. Krasil'nikov. Trudy Bot. inst. Ser. 5 no. 9:251-256 '61.

SAYAN MOUNTAINS—PLEUROSPERMUM

A few words on two fatty oil plants of the fam. Umbelliferae from the central Sayans. IU. A. Dranitsyna Trudy Bot. inst. Ser. 5 no. 9:257-258 '61

SAYAN MOUNTAINS—RHODODENDRON

Rhododendron aureum Georgi (Rh. chrysanthum Pall.) and its possible use as a tannin plant. G. V. Kurshakova and others. Trudy Bot. inst. Ser. 5 no. 9 291-302 '61.

Some data on the chemical composition and pharmacological effect of Adams's *rhododendron* (*Rhodiodendron* adamsii Rehd.); preliminary communication. G. V. Kurshakova, Al. A. Fedorov, P. A. IAkimov. Trudy Bot. inst. Ser. 5 no. 9:216-220 '61.

Some rhododendrons of the Sayans I. A. Pankova. Trudy Bot. inst. Ser. 5 no. 9 221-241 '61.

SCALES (WEIGHING INSTRUMENTS)

Improvement in the design of automatic DS-800 scales for weighing sugar beets. V. I. Aksenfel'd. Sakh prom. 35 no. 11:37-38 N '61.

SCALES (WEIGHING INSTRUMENTS)—TESTING

Checking motor-vehicle scales. A. N. Maiskii. Izm. tekh. no. 12;21 D '61.

SCANDIUM—ANALYSIS

Fluorescence reactions for scandium. I. M. Korenman, G. P. Starostin. Izv. vys. ucheb. zav.; khim. i khim. tekh. 4 no. 4:561-564 '61.

SCATTERING (PHYSICS)

Partial waves with complex orbital momenta and the asymptotic behavior of the scattering amplitude [with summary in English] V. N. Gribov. Zhur. eksp. i teor. fiz. 41 no. 6;1962-1970 D '61.

SCHIFF BASES

Catalytic condensation of Schiff bases with methyl-α-naphthyl ketone. N. S. Kozlov, I. A. Shur. Izv. vys. ucheb. zav.; khim. i khim. tekh. 4 no. 4:614-616 '61.

SCHISTOSOMIASIS

Bilharziosis. S. M. Salikhov. Izv. AN Azerb. SSR, Ser. biol. i med. nauk no. 10;139-147 '61.

SCHISTS see subdivision under Switzerland

SCHIZOPHRENIA

Dynamics of some oxidative enzymes in the course of schizophrenia A. V. Oleinik Vrach. delo no. 6, 77-79 Je '61.

Glycogen content of leucocytes in schizophrenia and its therapy Z. A. Zurabashvili. Soob. AN Gruz. SSR 27 no. 5;629-633 N '61.

Influence of ACTH on the simultaneous activity of 1st and 2d signal systems in patients in the initial stages of schizophrenia [with summary in English]. S. N. Raeva. Zhur. vys. nerv. deiat. 11 no. 5, 835-842 S-O '61.

SCHONBERG, ARNOLD, 1874-1951

Prokof'ev and Schönberg. M. Skorik. Sov. muz. 26 no. 1 34-38 Ja '62.

SCHOOL CHILDREN see subdivision under Cuba

SCHOOL DISCIPLINE

This is what we have done.... And what do you do? IU. Sokol'nikov. Nar. obr. no. 1:79-80 Ja '62.

SCHOOL EXCURSIONS

Excursion to a steam electric power plant. M. M. Shtepa. Geog. v shkole 25 no. 1;49-51 Ja-F '62.

SCHOOL HYGIENE

Hygiene of children and adolescents in relation to the reorganization of schools. S. M. Grombakh. Sov. med 25 no. 9:138-142 S '61.

SCHOOL LIBRARIES

The active group in the school library. V. Narbekova. Bibliotekar' no. 1:34-35 Ja '62.

Much depends on school libraries. I. Lovitin. Nar. obr. no. 1 72-76 Ja '62.

SCHOOL PLAYGROUNDS see Playgrounds

SCHOOL SUPERVISION

(see also subdivision under Aleysk District; Leningrad Province; Sal'sk District; Zaporozh'ye)

How we transmit on our best experience. A. Andreev. Nar. obr. no. 1:18-21 Ja '62.

Testing knowledge is the main link of interschool control. V. Strezikozin. Nar. obr. no. 1:84-88 Ja '62.

What are you going to be like, our teacher? I. O. Synytsin. Rad. shk. 40 no. 1;25-28 Ja '62.

Work on methods. V. K. Parfent'ev and others. Vech. sred. shkola 4 no. 6:42-53 N-D '61.

SCHOOLHOUSES see subdivision under Ivanovo Province; Yorkuta

SCHOOLHOUSES—HEATING AND VENTILATION

Study of the expediency of using decentralized ventilation in classrooms. G. G. Shamtsian. Sbor. trud. NIIST no. 7 114-120 '61.

SCHOOLHOUSES—LIGHTING

Fluorescent light fixtures for school lighting. Svetotekhnika 8 no. 2:32 F '62.

SCHOOLS—FURNITURE, EQUIPMENT, ETC.

Bibliographers page. Nar. obr. no. 1:119 Ja '62.

Device for hanging maps, posters, and illustrations with *the help of* permanent magnets. S. I. Nepomniashchii, V. I. Kir'iakov. Khim. v shkole 17 no. 1:85-86 Ja-F '62.

SCIATIC NERVE—DISEASES

Treatment with sapropel from Knyaspinskoye Lake of diseases of the lumbosacral roots and sciatic nerve in polyclinics. I. G. Kitver. Vop. kur., fizioter. i lech. fiz. kul't. 26 no. 4:306-309 Jl-Ag '61.

SCIENCE

(see also subdivision under Kazakhstan)

Natural science and the building of communism. M. V. Keldysh. Priroda 51 no. 1;17-24 Ja '62.

SCIENCE—BIBLIOGRAPHY see Bibliography—Science

SCIENCE—MISCELLANEA

Do you know that.... Tekh. mol. 29 no. 12;37 '61.

Engineers believe in visionaries. E. Muslin. Znan. sila 36 no. 12;38-41 D '61.

From the pages of foreign periodicals. Priroda 51 no. 1;118-119 Ja '62.

From the pages of foreign periodicals. Tekh. mol. 29 no. 12;9 '61.

In the whole world. *Znan. sila 36 no. 12;37 D '61.*

SCIENCE – MISCELLANEA (Continued)

Problems, discoveries and facts. Ogonek 40 no. 6:18-19 F '62

Throughout the whole world. Znan. sila 37 no. 1:31 Ja '62.

SCIENCE—PHILOSOPHY

Philosophy and science [with summary in English, p 183]. Alfred J Ayer Vop. filos. 16 no. 1 96-105 '62.

Some remarks apropos of Alfred J Ayer's article Vop. filos. 16 no 1 94-95 '62.

We disagree! In our opinion philosophy is a branch of science [with summary in Russian, pp. 103-104]. I V. Kuznetsov. Vop filos 16 no 1 106-122 '62

SCIENCE FICTION

Man and outer space. Georgii Martynov. Neva no 6: 157-159 '61

Biurikov, IU. [After a hundred and thousand years; the man of the future and Soviet science fiction] Cherez 1001 100 let, chelovek budushchego i sovetskaia khudozhestvennaia fantastika. [Moskva] Gos. izd-vo "Iskusstvo," 1961. 111 p.

Science fiction of 1961 IU. Krotov Tekh mol. 29 no 12-14-16 '61

SCIENTIFIC APPARATUS AND INSTRUMENTS

Exchange of experience. Zav. lab. 27 no.12 1543-1548 '61.

SCIENTIFIC RECREATIONS

When you are resting. IUn. nat. no. 1:30 Ja '62.

SCIENTIFIC SOCIETIES

Brief notes. E. D. Lebedkina and others. Vest. AN SSSR 32 no. 1:119-130 Ja '62.

Fifth Plenum of the Central Administration of the Scientific and Technical Society. Bum. prom. 37 no. 1 insert:1 and 2 Ja '62.

SCINTILLATION COUNTERS

Use of liquid scintillation counters in investigating the interaction of flotation reagents. N.S. Mikhailova, V.IA. Khaiman, N. A. IAnis. Trudy Mekhanobr no.128: 37-41 '61.

SCLERODERMA

Case of systemic scleroderma. L. M. Shchevlev. Terap arkh. 33 no. 8.103-104 '61.

SCLEROSIS, MULTIPLE see Multiple sclerosis

SCOTCH PINE see subdivision under White Russia

SCOTT, ROBERT FALCON, 1868-1912

Captain Scott on the South Pole. F. Debenham. Priroda 51 no. 1:100-104 Ja '62

SCOTT, SIR WALTER, 1771-1832

"Historical novel of Walter Scott" by S. A. Orlov. Reviewed by A. Romm. Vop. lit. 5 no 0.236-242 Ag '61.

SCRAP METALS

Materials preparation in investigating the melting of the charge in a liquid melt. A.S. Nevskii. Izv. vys. ucheb. zav., chern. met. 4 no. 12:40-44 '61.

SCREENS (MINING)

Electric vibration screen for hog sinter. D. P. Pritykin, M. IU. Faians. Obog. rud. 6 no 5:45-48 '61.

Increasing the wear resistance of dewatering screens. V. V. Dobrovol'skii, V. N. Vedernikov. Nauch. soob. Inst. gor. dela 7:136-141 '61.

SCRUBBER (CHEMICAL TECHNOLOGY)

Investigation of the process of hydrogen sulfide removal from coke-oven gas by potassium solutions in a scrubber with a pulverizing-atomizing plate. I. G. Plit and others. Koks i khim. no. 10:42-47 O '61.

SCULPTURE

Present-day art of the peoples of Siberia: sculpture [with summary in English]. S. V. Ivanov. Sov. etn. no. 6: 9-28 N-D '61.

SCULPTURE—STUDY AND TEACHING

Most beautiful leaves. IU. Skrylev. Sem'ia i shkola 16 no. 12:20-21 D '61.

SCYTHIAN ANTIQUITIES see subdivision under Mirmekion

SEA-ANEMONES

Ecology and morphology of Actinia equina L. (Coelenterata, Hexacoralia). O. G. Reznichenko. Trudy Gidrobiol. ob-va 11:224-252 '61

SEA BATHS see Baths, Sea

SEA BUCKTHORN

Polyvitamin berry. IUn. nat. no. 1:38 Ja '62.

SEA ICE

(see also subdivision under Kara Sea)

Luminescence of sea ice. V. N. Kupetskii. Probl. Arkt. i Antarkt. no. 9:105-106 '61.

SEA ICE—THERMAL PROPERTIES see subdivision under Tikai Bay

SEA LILIES see subdivision under Darvaza Range; Tien Shan

SEA WATER—COMPOSITION

"Problems in the chemistry of seas"; "Trudy" of the Institute of Oceanography of the Academy of Sciences of the U. S. S. R., vol. 33 Reviewed by E. V. Belysheva Okeanologiia 1 no. 6:1118-1119 '61.

SEA WATER—MICROBIOLOGY

Duty of all mankind. A. Plakhotnik. Kul't. i zhizn' 5 no 6:15-17 '61

Effect of bacteria on the corrosion of stainless steel. L. A. Rozenberg, IU. M. Korovin, I B Ulanovskii Trudy Inst. okean. 49:248-257 '61.

Role of sulfate-reducing bacteria on the corrosion of low-alloy and stainless steel in sea water. L. A. Rozenberg. Trudy Inst. okean. 49:250-265 '61

Survival of marine micro-organisms (heterotrophs) during cultivation under laboratory conditions. E. V. Zemtsova, A. E. Kriss Dokl. AN SSSR 142 no. 3 695-698 Ja '62.

SEA WATER—OPTICAL PROPERTIES

The possibility of estimating vertical distribution of plankton masses by the coefficient of light attenuation O. A. Sokolov. Biul. Okean. kom. no. 8, 84-89 '61.

SEA WATER—PHYSIOLOGICAL EFFECT

Effect of sea water and penicillin, streptomycin and ecmolin solutions on the function of the ciliated epithelium [with summary in English]. M. IA. Polunov Zhur. ush., nos. i gorl. bol. 21 no. 5 56-61 S-O '61.

SEALS (NUMISMATICS)

Name seal of a 15th century archbishop found during excavations undertaken in Pskov in 1959. V. Beletskii. Soob. Gos. Erm. no. 20:6-7 '61.

SEASHORE

Leont'ev, O. K. [Fundamentals of seashore geomorphology] Osnovy geomorfologii morskikh beregov. [Moskva] Izd-vo Mosk. univ., 1961. 416 p

SEBACEOUS GLANDS—DISEASES

Treatment of dry seborrhea (seborrhoea sicca) by intramuscular infusions of novocaine. I. F. Lipnitskii. Vest. derm. i ven. no. 1:70-72 '62.

SECONDARY ELECTRON EMISSION

Energy spectrum of slow secondary electrons during adsorption of Ba on Si and Be. I. M. Bronshtein, IA. M. Shchuchinskii. Radiotekh. i elektron. 7 no. 2: 356-359 F '62.

Some angular relations of the secondary electron emission from thin beryllium films. R. B. Segal'. Izv. vys. ucheb. zav., fiz. no. 6.27-29 '61.

SECTS

(see also subdivision under Karaganda; Michurinsk region; Tambov Province)

Sectarianism in the past and present. A. I. Klibanov. Vop. ist. rel. i ateiz. 8:9-34 '61.

SEDIMENTATION AND DEPOSITION

(see also subdivision under Baku Archipelago; Karkinit Gulf; Moscow Canal)

Materials on the study of organic matter in bottom deposits of fish ponds of the Ukrainian S. S. R. A. D. Kovanko. Trudy Gidrobiol. ob-va 11:385-393 '61.

Possibility of forecasting temporary relief changes in the coastal zone of the sea caused by waves. V. V Longinov. Trudy Inst. okean. 48:266-286 '61.

Some problems concerning the interaction of the wave flux with the bottom during its deformation at low speeds. B. A. Shuliak. Trudy Inst. okean. 48:202-265 '61.

Underwater sand steps as indicators of sediment transport along the shore. V. L. Boldyrev. Trudy Inst. okean. 48:193-201 '61.

SEDIMENTS (GEOLOGY)—ANALYSIS

Selecting the method for mineralogical analysis of sand and silt fractions of marine bottom sediments. V. P. Petelin. Trudy Inst. okean. 50.170-183 '61.

SEEDS

Changes in the respiration intensity and the amount of phosphorus compounds in ripening plant seeds. A. N. Krenke. Trudy Glav. bot. sada 8:97-112 '61.

Machine for processing seeds of cypress and other valuable species. G. M. Saralidze. Les. khoz. 14 no. 12: 63-64 D '61.

SEEPAGE

Filtration from the main canal of the Inguleta irrigation system. V. E. Alekseevskii. Gidr. i mel. 14 no. 2: 23-27 F '62.

SEISMIC PROSPECTING

Some results of experimental work on increasing the depth of seismic prospecting by the reflection method in the western Kuban trough. E. A. Kozlov. Geol. nefti i gaza 6 no. 1:40-44 Ja '62.

SEISMOLOGY see subdivision under Caucasus, Hindu Kush; Pamirs; Vakhsh Valley

SEISMOMETRY

Attenuation of seismic waves and earthquake energy. Report No. 1 [with summary in English] T T Rautian Trudy Inst seism. strol. i seism. 7:41-86 '60.

Finding the coordinates of the point of intersection of a seismic ray with a dipping boundary A. V. Kozlov Trudy Inst. seism. strol. i seism. 7:103-108 '60.

SELENIUM

Change in the concentration of current carriers in bismuth caused by selenium admixtures [with summary in English]. N. E. Alekseevskii, T. I. Kostina. Zhur. eksp i teor. fiz 41 no. 6.1722-1724 D '61.

Electric conductivity of the selenium - arsenic system in a glassy state. L. A. Baidakov, Z. U. Borisova, R. L. Miuller. Zhur. prikl khim. 34 no 11.2446-2454 N '61

Recovery of elemental selenium and selenium dioxide from gases by the condensation method. L. S. Getskin, V. V. IAtsuk, V. P. Savraev Zhur. prikl khim 34 no. 12:2609-2613 D '61

Some improvements of the manufacturing technology and betterment of the quality of electrophotographic layers K. A. Ramazanov Zhur nauch i prikl. fot i kin 6 no. 6 430-447 N-D '61.

Sublimation and recovery of selenium and arsenic in the process of sulfating metallurgical dusts. L. S. Getskin, V P Savraev. Zhur. prikl. khim. 34 no 11.2398-2403 N '61.

Using selenium rectifiers for galvanic baths. G. A. Kolkanov. Prom. energ. 16 no. 6:16-18 Je '61.

SELENIUM—SPECTRA

Spectral determination of selenium in tellurium. T. P. Smorodina, O. N. Setkina. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 4:565-566 '61.

SELENOPHENE

Characteristics of some β-diketones of the selenophene series. N. V. Mel'chakova and others. Vest Mosk. un. Ser. 2:khim. 17 no 1:63-67 Ja-F '62.

SELENOPHENE—SPECTRA

Raman spectra of 2-propyl-, 2-cyclopropyl-, and 2-propenylselenophene IU. K. IUr'ev, N. N. Mozentsova, E. G. Treshchova. Vest. Mosk. un. Ser. 2:khim. 17 no. 1:60-62 Ja-F '62.

SELF-SERVICE STORES

(see also subdivision under Moscow)

New V - 11 frozen food box for self-service stores. A. A. Kuznetsova, T. A Dracheva. Khol tekh 36 no. 6 34-36 N-D '61

SELYE, HANS, 1907-

Concepts of Selye (stress, general adaptation syndrome, adaptation disease), a survey. A. A. Shtein. Vest. derm i ven 35 no. 12:22-29 D '61.

SEMANTICS (PHILOSOPHY)

Symbols and signs. A. M. Korshunov. Vest. Mosk. un. Ser. 8:Ekon., filos. 17 no 1:60-70 Ja-F '62.

SEMEN—PRESERVATION

Improved method for freezing the semen of bulls [with summaries in English, German, and French]. E. M. Platov Vest. sel'khoz nauki 6 no. 11 127-128 N '61.

SEMENOV, SERGEI

"Steppes covered with feather grass"; a historical novel by Sergei Semenov. Reviewed by V. Tiurin. Neva no. 12:198-199 '61.

SEMENOVA, MARINA TIMOFEEVNA, 1908-

Ballerina Semenova. V. Gaevskii. Teatr 23 no. 1: 136-140 Ja '62.

SEMICONDUCTORS

Certain properties of the $CdSnAs_2$ semiconductor, an electron analog of indium arsenide. N. A. Goriunova, S. Mamaev, V. D. Prochukhan. Dokl AN SSSR 142 no. 3:623-626 Ja '62.

Effect of heat treatment on the electric conductivity of semiconductors in the system $ZnO - TiO_2$. Kh. S. Valeev, M. D. Mashkovich. Trudy GIEKI no. 4:70-80 '60.

Nonlinear semiconductors on the basis of zinc and titanium oxides with glass additives. N. G. Drozdov, Kh. S. Valeev, M. D. Mashkovich. Trudy GIEKI no. 4: 64-69 '60.

Use of certain organic coatings for protecting the surfaces of semiconductor devices. V. F. Synorov, T. G. Davydova Izv. vys. ucheb. zav., fiz. no. 6:74-80 '61.

SEMICONDUCTORS—THERMAL PROPERTIES

Semiconductor heat-transfer intensifiers and heat insulators. V. S. Martynovskii, V. A. Naer. Khol. tekh. 38 no. 3: 4-7 My-Je '61.

Semiconductor proportional PTR-P temperature regulator. IU. S. Davydov, I. T. Mikhailov. Khol. tekh. 38 no. 3: 7-10 My-Je '61.

SEMIGOR'YE—MINERAL WATERS—PHYSIOLOGICAL EFFECT

Effect of Semigor'ye mineral water on gastric secretion in dogs. P. G. Storozhuk. Vop. kur., fizioter. i lech. fiz. kul't. 26 no. 6: 498-503 N-D '61.

SEMINAL VESICLES—INNERVATION

Innervation of the seminal vesicles in man. M. U. Mirsagatov, I. P. Pogorelko, I. S. Kasymkhodzhaev. Med. zhur. Uzb. no. 6:59-62 Je '61.

SEMIPALATINSK PROVINCE—COLLECTIVE FARMS

Selection and training of collective-farm staff. N. Morozov. Part. zhizn' Kazakh. no. 11:47-49 N '61.

SENSITOMETRY, PHOTOGRAPHIC see Photographic sensitometry

SENTENCES (CRIMINAL PROCEDURE)

"Sentence in Soviet criminal procedure" by I. D. Perlov. Reviewed by V. A. Poznanskii, A. L. TSypkin. Sov. gos. i pravo 32 no. 1: 122-124 Ja '62.

SEPARATORS (MACHINES)

Adopting the use of hydraulic cyclones at the Krasnoural'sk Ore Dressing Plant. L. D. Kisliakov and others. Trudy Uralmekhanobra no. 5: 11-20 '59.

Behavior of grain on a stationary surface in the presence of a superimposed electrical field. A. M. Basov, V. N. Shmigel'. Trudy CHIMESKH no. 12: 100-116 '61.

Centrifugal separation of secondary vapors by concentration evaporation of solutions. A. M. Kutepov. Khim. prom. no. 1: 60-64 Ja '62.

Method of rating hydrocyclones. M. G. Akopov. Nauch. soob. Inst. gor. dela 6: 99-107 '60.

Pirumov, A. I. [Aerodynamic principles of inertia separation] Aerodinamicheskie osnovy inertsionnoi separatsii. Pod red. N. IA. Fabrikanta. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 123 p.

Povarov, A. I. [Hydrocyclones] Gidrotsiklony. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 285 p.

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po khimii. [Battery cyclones; instructions for designing, assembling, and operating] Batareinye tsiklony, rukovodiashchie ukazaniia po proektirovaniiu, montazhu i ekspluatatsii. 2 izd. Moskva, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1959. 103 p. [MICROFILM]

Some problems in separating mineral grains in a hydrocyclone in a water medium. V. I. Klassen, V. I. Litovko. Nauch. soob. Inst. gor. dela 6: 38-45 '60.

Using polonium 210 for separating minerals in a flow of ions caused by alpha rays. I. N. Plaksin, L. P. Starchik. Izv. vys. ucheb. zav.: gor. zhur. no. 11: 162-166 '61.

SEPARATORS, CREAM see Cream separators

SEQUENCES (MATHEMATICS)

Summability of sequences by Toeplitz's methods [with summary in English]. B. I. Golubov. Vest. Mosk. un. Ser. 1: Mat., mekh. 17 no. 1: 30-37 Ja-F '62.

SERBIA—HISTORY

A draft of a resolution of the Smederevo Diet in 1805. G. D. Desnitsa. Ist. arkh. 7 no. 3: 252-254 My-Je '61.

SEREBRIAKOV, PAVEL

Pavel Serebriakov. D. Blagoi. Sov. muz. 26 no. 1: 103-104 Ja '62.

SERGEI VAVILOV (SHIP)

First Atlantic expedition of the Academy of Sciences of the U. S. S. R. on the ships "Sergei Vavilov" and "Petr Lebedev." I. E. Mikhal'tsev. Okeanologiia 1 no. 6: 1089-1093 '61.

SERIES, DIRICHLET'S

Remarks on a class of Dirichlet's series. B. S. Bronshtein. Uch. zap. MOPI 98: 67-73 '60.

SERIES, DIVERGENT

Generalization of Borel's summation methods. E. B. Muraev. Izv. vys. ucheb. zav.: mat. no. 1: 101-108 '62.

SERIES, ORTHOGONAL

Expansion into biorthogonal systems composed of Volterra functions. A. A. Kitbalian. Izv. AN Arm. SSR, Ser. fiz.-mat. nauk 14 no. 6: 17-47 '61.

SEROLOGY

Classification of serological reactions and determination of the neutralization reaction. M. I. Levi. Vop. virus 6 no. 5: 630-632 S-O '61.

"Principles of bacteriology and serology" [in German] by H. Heinrich. Reviewed by T. G. Traianova. Sov. med. 25 no. 9: 156 S '61.

SEROUS MEMBRANES—INFLAMMATION

Polyserositis in infectious nonspecific polyarthritis. T. M. Trofimova. Terap. arkh. 33 no. 8: 95-103 '61.

SERUM

Determining the content of methionine in blood serum and liver tissue fluid. N. V. Stefanovskaia. Izv. AN Turk. SSR, Ser. biol. nauk no. 6: 76-78 '61.

Electrophoretic studies of blood serum in rheumatic patients receiving compound treatment, ultraviolet irradiation and salicylic preparations. T. M. Kamenetskaia. Vop. kur., fizioter. i lech. fiz. kul't. 24 no. 6: 506-510 N-D '59.

Polarographic studies on the blood serum of animals receiving silicic acid [with summary in English]. Modi and others. Biul. eksp. biol. i med. 52 no. 10: 60-63 O '61.

Protective properties of immune colisera. P. V. Zadvorniak. Zdrav. Tadzh. 8 no. 5: 17-20 S-O '61.

Study of the leucolyzing property of blood serum in leucopenic conditions [with summary in English]. L. D. Karpenko. Vrach. delo no. 12, 88-93 D '61.

Use of exudates and transudates for the preparation of standard isohemagglutinating sera. A. IA. Ashkenzai. Probl. gemat. i perel. krovi no. 11: 36-41 '61.

SERUM DIAGNOSIS

Diagnostic value of the intracutaneous test in Botkin's disease using the patient's own serum. N. A. Kosarikhina. Vrach. delo no. 12: 135 D '61.

SERUM THERAPY

Effect of antisera for irradiated malignant tissues on the growth of experimental tumors in irradiated animals. Report No. 2. Action of serum for irradiated ascitic cells on the growth of subcutaneous and ascitic forms of Ehrlich's adenocarcinoma in mice [with summary in English]. I. N. Maiskii, G. V. Suvorova, P. P. Filatov. Biul. eksp. biol. i med. 52 no. 8: 91-94 Ag '61.

Serological methods in gastroenterology. I. Polchak. Zdrav. Tadzh. 8 no. 5: 3-6 S-O '61.

Use of leukemic cytotoxic sera in the compound treatment of chronic leukemias. O. D. Ramonova-TSkhovrebova. Probl. gemat. i perel. krovi no. 2: 54-57 '62.

SERVICE INDUSTRIES see subdivision under Irkutsk, Moscow Province

SERVOMECHANISMS

[Dynamic features of servo drives] O dinamicheskikh svoistvakh slediashchikh privodov. [n. p., 1959] 78 p.

Lerner, A. IA. [Principles of the construction of high speed servomechanisms and controllers] Printsipy postroeniia bystrodeistvuiushchikh slediashchikh sistem i reguliatorov. Moskva, Gos. energ. izd-vo, 1961. 151 p. (Biblioteka po avtomatike, no. 25) [MICROFILM]

SEVASTOPOL—NAVAL MUSEUMS

Guns of Sevastopol. B. Lutsenko. Neva no. 7: 221 '61.

SEVASTOPOL—SOCIAL CONDITIONS

Sevastopol steps into tomorrow. N. Petunina, A. Lubenko. Sov. voin. 43 no. 21: 16-17 N '61.

SEVASTOPOL, BATTLE OF, 1944

Ship's flag. S. Vorkov. Neva no. 6: 220-221 '61.

SEVERIANKA (SUBMARINE BOAT)

Submarine as a new means of oceanographic research. S. I. Potaichuk. Biul. Okean kom. no. 8: 73-74 '61.

SEVERO-EVENSKIY DISTRICT—COLLECTIVE FARMS

Developing collective farms from 1930 through the 1950's; the recollections of a delegate to the Second Congress of the Soviets of Severo-Evenskiy District. A. A. Kocherov. Kraeved. zap. Mag. obl. kraeved. muz. no. 3: 49-59 '60.

SEVERSKAYA DISTRICT—EDUCATION—PERIODICALS

District office of public education publishes a periodical. S. Belousenko. Nar. obr. no. 1: 36-37 Ja '62.

SEWAGE—PURIFICATION

Biochemical purification of waste waters from the Electrical Desalting Unit using the OP nonionic surface active agents. IA. A. Karelin. Khim. i tekh. topl. i masel 7 no. 1: 9-14 Ja '62.

Karavaev, I. I., and N. F. Reznik. [Flotation purification of sewage water from washing and steaming stations] Flotatsionnaia ochistka stochnykh vod promyvochno-proparochnykh stantsii i depo. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 19 p.

Organizing the detoxication of sewage from dwellings by means of chlorination plants. R. S. Levina, I. S. Morgenshtern. Med. zhur. Uzb. no. 7: 20-22 Jl '61.

Recovery of uranium from waste waters of chemical plants and scientific research laboratories. L. D. Skryley, S. G. Mokrushin. Zhur. prikl. khim. 34 no. 11: 2403-2407 N '61.

SEWAGE DISPOSAL

That is profitable. A. Khazov. NTO 3 no. 12: 23 D '61.

SEWAGE IRRIGATION

Processing waste water from sugar factories by way of soil (from "Zucker," Nos. 2-3, 1961). P. I. Silin. Sakh. prom. 35 no. 11: 75 N '61.

SEWAGE IRRIGATION—HYGIENIC ASPECTS see subdivision under Uzbekistan

SEWING MACHINES see subdivision under Podol'sk

SEX IN PLANTS see Plants, Sex in

SHABROVSKIY REGION—TALC

Steatite on the basis of Shabrovskiy deposit talc. P. P. Budnikov, N. P. Rodina. Trudy GIEKI no. 4: 56-64 '60.

SHAFRAN, D.

This will be long remembered. G. K. Sov. muz. 26 no. 8: 89-91 Ag '61.

SHAFT SINKING

(see also subdivision under Donets Basin)

Fedorov, S. A. [Sinking and deepening of vertical shafts by the standard method] Prokhodka i uglubka vertikal'nykh stvolov shakht (obychnym sposobom). 2. izd. perer. i dop. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 474 p.

SHAFTING

Action of internal-friction forces in high-speed shafts. O. N. Romaniv, R. N. Shvets. Nauch. zap. IMA AN URSR. Ser. mashinoved. 7 no. 7: 118-153 '61.

Effect of changes in the viscosity of lubricants on the whirling stability of a shaft supported by bearings. A. G. Burgvits. Izv. vys. ucheb. zav., mashinostr. no. 8: 98-101 '61.

SHAFTING—MAINTENANCE AND REPAIR

Reconditioning spline shafts by built-up welding with a weaving arc under flux. B. V. Volkov. Avtom. svar. 15 no. 2: 78-85 F '62.

SHAFTING—TESTING

Determining critical speeds of bracket shafts. S. IA. Zemlianukhin. Vest. mash. 42 no. 1: 28-31 Ja '62.

SHAKESPEARE, WILLIAM, 1564-1616

Shakespeare conference in Stratford. R. M. Samarin. Vest. AN SSSR 32 no. 1: 116-118 Ja '62.

SHALE

(see also subdivision under Zeravshan Valley)

Method of converting Baltic shale into process gas to be used in the synthesis of ammonia. V. A. Zhukov. Trudy LIEI no. 36: 76-95 '61.

Thermocatalytic conversion of hydrocarbons of the medium tar fraction of Baltic shales. E. A. Abarenkova, E. M. Tarasenkova. Trudy LIEI no. 36: 65-75 '61.

Utilization of shale concentration wastes. E. A. Biyzgalova, O. B. TSitovich. Trudy LIEI no. 36: 121-126 '61.

SHALE OILS

Investigating oven-shale tar from a gas collecting main and from lighter fractions with the purpose of using it in wood impregnation. G. E. Shaltyko. Zhur. prikl. khim. 34 no. 11: 2525-2533 N '61.

SHANGHAI—HISTORY

The labor movement in Shanghai on the eve of the armed uprising of the proletariat in 1926 and 1927. A. I. Kartunova. Nauch. dokl. vys. shkoly: ist. nauki no. 2: 145-163 '61.

SHANGHAI—MACINERY INDUSTRY

"The origin, development, and reorganization of the machine building plant 'Talung.'" Reviewed by R. N. Sikacheva. Sovr. kit. lit. po obshcheatv. naukam no. 44: 12-27 '61.

SHAROV, EFIM EFIMOVICH

A life in literature. V. Kriukov. Neva no. 7: 219-220 '61.

SHAR'YA—CITY PLANNING

New city on the Vetluga River. M. Glukhovskoi. Zhil.-kom. khoz. 11 no. 10: 23 O '61.

SHAW, GEORGE BERNARD, 1856-1950

Communism and Shaw. L. V. Vop. lit. 5 no. 8: 134-135 Ag '61.

SHAYTANOVKA REGION—ANTIQUITIES

Archaeological finds in the Kanin Cave in the upper Pechora Valley. B. I. Gushliser, V. I. Kanivets. Trudy Komi fil. AN SSSR no. 9: 118-129 '60.

SHCHEPKIN, MIKHAIL SEMENOVICH, 1788-1863

M. S. Shchepkin and I. P. Kotliarevskyi in the Poltava theater. LAkiv Maistrenko. Mystetstvo 8 no. 6: 29-31 N-D '61.

SHEARS (MACHINE TOOLS)

Hydraulic shears for cutting reinforcement with a diameter up to 12.5 mm. Stroitel' no. 11 insert: 1-2 N '61.

SHEBELINKA REGION—GAS, NATURAL—HYDRATES

Methods for controlling the hydrate formation in the Shebelinka gas field. S. K. Ivanov, P. V. Levkov. Gaz. prom. 6 no. 11: 10-13 '61.

SHEEP—ANATOMY see subdivision under Azerbaijan

SHEEP—DISEASES AND PESTS see subdivision under Turkmenistan

SHEET-METAL WORK

Motyko, A. S., and I. D. Ostrovskii. [Developed sheet product surfaces] Razvertki poverkhnostei listovykh izdelii. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 94 p.

SHEET STEEL—COLD WORKING

Water emulsions for cold rolling of steel strips. E. S. Skripchenko, I. A Chamin. Masl -zhir. prom. 27 no 11:31-32 N '61

SHELL ROOFS see Roofs, Shell

SHEVCHENKO, TARAS, 1814-1861

Antislavery motifs in the works of Shevchenko and Nekrasov. D. V. Chalyi Rad. lit. 5 no 4:56-67 Jl-Ag '61

Donzov, D. [The invisible tablets of Taras Shevchenko; the mystique of Ukrainian Zaporogian chivalry] Nezrymi skryzhali kobzaria; mistyka lytsarstva zaporoz'koho. Toronto, Ont., Kanada, Nakladom Vyd-va "Homin Ukrainy," 1961. 230 p.

Folk proverbs and sayings in the poetry of T. H. Shevchenko K. P. Doroshenko. Pyt. shev. no 2:113-126 '61.

In memory of T. H. Shevchenko. Rad. lit. 5 no. 4: 152-156 Jl-Ag '61.

Materials honoring T. H. Shevchenko in the Soviet Ukrainian press during the first years of the revolution. H. F. Ovcharov. Pyt. shev. no. 2:3-19 '61.

Mysterious word in the "Kobzar." L. F. Stetsenko. Rad. lit. 6 no. 1 86-92 Ja-F '62.

Not this addressee. IU. O. Ivakin. Rad. lit. 6 no. 1: 92-96 Ja-F '62.

Oleksandr Havryliuk's article "Poet of struggle"; on the 75th anniversary of Shevchenko's death. V. P. Viedina. Rad. lit. 6 no. 1:98-100 Ja-F '62.

Reflection of the ideals of revolutionary democrats in T. H. Shevchenko's later works, 1857-1861 V. I. Omel'chenko. Nauk. zap. Stan. derzh. ped. inst. vol. 4:124-144 '60.

Significance of the absence of censorship in the formation of literary and ideological characteristics in Shevchenko's political poetry. IU. O Ivakin Pyt. shev. no. 2:20-36 '61.

Suite of solitude. IA. F. Halaichuk. Pyt. shev. no. 2: 66-93 '61.

T. H. Shevchenko's legacy as a painter prior to his admission for study in the Academy of Artists. V. O. Sudak. Pyt. shev. no. 2:94-112 '61.

T. H. Shevchenko's publication debut with a periodical. D. M. Kosaryk. Pyt. shev. no. 2:37-43 '61.

"Taras Shevchenko" by Leonyd Khynkulov. Reviewed by IE. S. Shabliovs'kyi. Rad lit. 6 no 1 136-142 Ja-F '62.

Taras Shevchenko in the mountains of Mangyshlak Peninsula. H. P. Palamarchuk. Pyt. shev. no. 2:44-67 '61.

An unknown letter written by T. H. Shevchenko. I. A. Snitsarenko. Rad. lit. 5 no. 4:109 Jl-Ag '61.

World fame of the great bard. F. P. Pohrebennyk. Rad. lit 6 no. 1:105-113 Ja-F '62

SHEVCHENKO, TARAS, 1814-1861—BIBLIOGRAPHY see Bibliography—Shevchenko, Taras, 1814-1861

SHIELDING (RADIATION)

Shielding properties of water, polyethylene, and plexiglas [with summary in English]. D. L. Broder, A. A. Kutuzov, V. V. Levin. Inzh.-fiz. zhur. 5 no. 2:47-51 F '62.

Use of multigroup methods for computing a biological shield. D. L. Broder and others. Atom. energ. 12 no. 2:129-139 F '62.

SHIP HANDLING

Let's automate the handling of a ship. B. Egorov. Rech. transp. 20 no. 11:38-39 N '61.

SHIP PROPULSION

Increasing the speed of motorships sailing with ballast. L. Buryshkin, A. Grinshpun. Mor. flot 22 no. 1:23-26 Ja '62.

SHIP PROPULSION—TABLES, ETC.

Passages of a ship; table of miles travelled in one day. Biul. tekh.-ekon. inform. Tekh. upr. Min. mor. flota 5 no. 5:insert '60.

SHIP TRIALS

Actual service tests on the strength of "Dnieproges"-type diesel-electric ships. A. S. Briker. Inform. sbor. TSNIIMF no. 47. Tekh. ekap. mor. flota no. 3:56-64 '60.

Equipment for the actual testing of ships [from "International Shipbuilding Progress," X, no. 74, 1960]. Sudostroenie 27 no. 12:69-70 D '61.

IAkovskii, F. V. [Increasing the technical and operational qualities of ship vessels: models, tests, testing ... kachest. prochnc ... 88 p. (I

SHIPBUILDING

(see also subdivision under Denmark, Great Britain, Krasnoyarsk; Netherlands, Poland; Sweden; United States)

Davydov, V. V. [Technical computations in shipbuilding] Tekhnicheskie vychisleniia v korablestroenii. Moskva, Izd-vo "Rechnoi transport," 1961. 248 p.

Profsoiuz rabochikh mashinostroeniia SSSR. [Norms on electrical lighting for machinery manufacturing and shipbuilding enterprises] Normy iskusstvennogo osveshcheniia dlia predpriiatii mashinostroeniia i sudostroeniia. Utverzhdeny postanovleniem Prezidiuma TsK profsoiuza rabochikh mashinostroeniia 22 iiunia 1960 g. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 67 p.

Use of light alloys in the building of river ships. A. Strakhov. Rech. transp 20 no 11:17-19 N '61.

Work of the standardization sections. V. F. Karelin. Sudostroenie 27 no. 11:76 N '61.

SHIPBUILDING—BIBLIOGRAPHY see Bibliography—Shipbuilding

SHIPBUILDING—CONGRESSES

Conference of readers of shipbuilding publications. Sudostroenie 27 no. 12:80 D '61.

Fulfilling resolutions of the technological conference on standardization in shipbuilding. L. M. Bystrevskii. Sudostroenie 27 no. 12:80-81 D '61.

Technical conference on the mechanization of labor-consuming processes and the elimination of difficult manual labor. K. Kh. Shteinsaig. Sudostroenie 27 no. 11: 77-78 N '61.

SHIPBUILDING—EQUIPMENT AND SUPPLIES

Use of pressed wood. A. K. Sidorenko. Sudostroenie 27 no. 11:57 N '61.

SHIPBUILDING—TECHNOLOGICAL INNOVATIONS

Suggestions of inventors and efficiency promoters. Sudostroenie 27 no. 12:79-80 D '61.

SHIPBUILDING WORKERS

Al'tovskaia, N. N., and V. P. Golubeva. [Always progressing; industrial practices of the brigade of communist labor of the assembly shop in the Baltiiskii Shipbuilding Plant] Vsegda v puti, proizvodstvennyi opyt brigady kommunisticheskogo truda stapel'nogo tsekha Baltiiskogo sudostroitel'nogo zavoda. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1960. 32 p.

SHIPPING

Although the letter was not published... Rech. transp. 20 no. 11:43 N '61.

Makovskii, A. L. [Legal regulation of freight transportation by sea] Pravovoe regulirovanie morskikh perevozok gruzov. Moskva, Izd-vo "Morskoi transport," 1961. 310 p.

SHIPPING—STATISTICS

"Statistics of marine transportation" by M. I. Bruskin; "Statistics of river transportation" by I. V. Sipovskaia. Reviewed by F. Livshits. Vest. stat. no. 1:70-75 '62.

SHIPS—AIR CONDITIONING

Air conditioning on ships [with summary in English on page 78-79]. O. A. Vavilin. Khol. tekh. 38 no. 4:38-39 Jl-Ag '61.

Ventilation system and air drying in the holds of the steamer "Leninskii Komsomol." E. Kratinov, L. Sobolev. Mor. flot 22 no. 1:26-29 Ja '62.

SHIPS—BIBLIOGRAPHY see Bibliography—Ships

SHIPS—MAINTENANCE AND REPAIR

Efficiency promoters reveal production potentials. V. Doke. Rech. transp. 20 no. 11:27 N '61.

Frumin, S. R. [Accident prevention during electric welding for ship repair] Tekhnika bezopasnosti pri elektrosvarke v sudoremonte. Pod red. G. M. Nikitina. Leningrad, Izd-vo "Rechnoi transport," 1961. 30 p.

[Handbook on the technology of ship repairing] Spravochnik po tekhnologii sudomontazhnykh rabot. Pod red. A. A. Moiseeva. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1961. 728 p.

In defense of screw-cutting lathe operators on ships. V. Biriuk. Mor. flot 22 no. 1:37 Ja '62.

Industrial steeling device. N. Zapol'skii. Rech. transp. 20 no. 11:39-40 N '61.

New projects are ahead. L. Lobanovskii. Rech. transp. 20 no. 11:28 N '61.

Quality control of bearing linings. B. Petrov, IA. Shereshevskii. Rech. transp. 20 no. 11:20-21 N '61.

Skillfully use the ship's stock. F. Aleshanov, M. Sidura. Tyl i snab. Sov. Voor. Sil 21 no. 10:49-51 O '61.

Use of rubber in stern bushes, bearings, and other ship parts. V. Struts. Rech. transp. 20 no. 11:22-23 N '61.

SHIPS—TECHNOLOGICAL INNOVATIONS see subdivision under Volga River

SHIPS, CONCRETE

Choosing the composition of concrete using local materials for the construction of reinforced concrete river vessels V N Makarenkov. Sbor. nauch. trud TISI 8 123-125 '61.

SHIPWORMS

(see also subdivision under Azov, Sea of; Black Sea)

Rate of oxygen consumption and size of the bivalvular mollusk Teredo navalis L. I. N. Soldatova. Trudy Inst okean. 49:156-161 '61.

SHIPWRECKS

(see also subdivision under Sweden)

Skriagin, L. N. [On the trail of sea disasters] Po sledam morskikh katastrof Moskva, Izd-vo "Morskoi transport," 1961 251 p.

SHIPYARDS

(see also subdivision under Germany, West)

Launching and ship-raising structures in capitalist countries [from foreign journals]. N. V. Andreeva, G. N. Finkel'. Sudostroenie 27 no. 11:62-65 N '61

SHIRVAN STEPPE see Kura Lowland

SHKARIN, ALEKSANDR NIKOLAEVICH, 1876-1921

Data on the history of Russian pediatrics. Aleksandr Nikolaevich Shkarin (1876-1921) P. I. Il'inskii. Pediatriia 40 no 12:44-47 D '61

SHKLIAR, BORIS SOLOMONOVICH, 1895-1961

B. S. Shkliar. Vrach. delo no. 12:154 D '61.

SHOCK

Clinical picture of collapse in myocardial infarction [with summary in English]. V. N. Vinogradov, V. G. Popov, A. S Sinetnev. Terap arkh. 33 no. 10 3-11 '61.

Current questions on the problem of traumatic shock. I. R. Petrov. Voen.-med. zhur. no 7:18-24 Jl '61.

Effectiveness of compound treatment of agonal states in severe shock and hemorrhage [with summary in English] G. Sh. Vasadze Vest. khir. no. 5:18-24 '61.

Effectiveness of neuroplegic substances and hypothermia in the prevention and treatment of traumatic shock in irradiated animals. P. K. D'iachenko and others. Voen.-med. zhur. no. 7:86 Jl '61.

Influence of neuroplegic substances and local hypothermia in preventing shock arising in connection with prolonged compression of an extremity with a tourniquet. F. M. Danovich. Voen.-med. zhur. no. 7:27-31 Jl '61

Modification of the method of intraarterial administration of blood and Petrov's solution for treatment of agonal states arising during hemorrhage complicated by shock. V. K. Kulagin. Vest. khir. no. 5:24-29 '61.

Significance of the functional state of some endocrine organs in the development of pleuro-pulmonary shock. I. D. Kudrin. Voen.-med. zhur no 7:38-43 Jl '61.

Some problems in the pathogenesis of traumatic and anaphylactic shock. V. I. Popov and others. Voen.-med. zhur no 7:25-27 Jl '61.

Some problems in the treatment of traumatic shock. V. K. Kulagin. Voen.-med. zhur. no. 7:34-37 Jl '61.

Traumatic shock and cerebrocranial lesions. M. A. Lushchitskii, M. L. Borshchagovskii. Voen.-med. zhur. no 7:31-34 Jl '61.

SHOCK WAVES

Establishment of oscillation equilibrium behind a shock wave. S. I. Anisimov. Zhur. tekh. fiz. 31 no. 12:1491-1493 D '61.

Excitation of molecular rotation behind a shock wave. N. V. Krivtsova, IU. P. Lun'kin. Zhur. tekh. fiz. 32 no. 1:68-75 Ja '62.

SHOE INDUSTRY

(see also subdivision under Gomel'; Kirghizistan; Moscow; Ukraine)

These are our improvement potentialities. L. Starikova. Mest. prom. i khud. promys. 2 no. 7:30-31 Jl '61.

SHOE MANUFACTURE

Is there a justification for the present production organization systems in shoe factories? N. N. Shchegolev. Kozh. -obuv. prom. 3 no. 12:35 D '61.

Labor feats of the foremost collectives. Kozh. - obuv. prom. 3 no. 11 4-6 N '61

New developments in the technology of manufacturing trimmings. S. T. Sarkisov, R. S. Mirskaia. Kozh. - obuv. prom 3 no. 12:26-30 D '61.

Sewing production line conveyers with a programmed distribution of semifinished products. B. I. Dolgikh. Kozh. -obuv. prom. 3 no. 12:30 D '61.

Shift specialization at the "Parizhskaia Kommuna" Shoe Factory. M. V. Lev. Kozh -obuv prom. 3 no. 11: 34-35 N '61.

SHOLOKHOV, MIKHAIL ALEKSANDROVICH, 1905-

Motherland and peace. A Khvatov. Neva no. 12:181-190 '61.

Two articles on Sholokhov. L. Lazarev. Vop. lit. 5 no. 7:138-143 Jl '61.

SHOOTING, MILITARY
Firing on illuminated targets. N. Ovchinnikov. Voen. vest, 41 no.9:80-82 S '61.
Firing with night sights. S. Prokhorov, S. Rozanov. Voen. vest. 41 no.9:105-109 S '61.
Problems in the meeting of a guided missile and the target as revealed by foreign press data. I. Kiupar. Voen. vest. 41 no.9:118-121 S '61
Right flank men in combat skill. I. Golokolenko. Voen. vest. 41 no.7:6-8 Jl '61.

SHOOTING, MILITARY—EQUIPMENT AND SUPPLIES
Audible and luminous imitator of firing operations N. Birlukov, E. Abramov. Voen vest 41 no.7:116-118 Jl '61.
Device for illuminating the moving model of a tank. M Tekunov. Voen vest. 41 no.9:117 S '61.
Electrified pointer on a screen. N.Sprud. Voen.vest. 41 no.9:116-117 S '61.
Innovator. V.Shershnev. Voen.vest. 41 no.9:24-25 S '61.
It's better this way. D. Dement'ev. Voen. vest. 41 no.7:118 Jl '61.

SHOR-SU—SULFUR MINES AND MINING
Sale of products is the principal criterion. A.Kaznov. Nar.khoz.Uzb. 3 no.8:50-51 Ag '61

SHORE PROTECTION
(see also subdivision under Volgograd Reservoir)
Some characteristics of the process of rebuilding the shores of reservoirs E. G Kachugin Trudy Lab. gidrogeol. probl. 35:36-45 '61.

SHORTWAVE RADIO see Radio, Shortwave

SHOSTAKOVICH, DMITRII DMITRIEVICH, 1906-
At an evening concert presented by students. L. G. Sov. muz 25 no.8:99 Ag '61.
"Guide to the symphonies of D. D Shostakovich" by L. Mazel' Reviewed by V Blok. Sov. muz. 25 no. 12:138 D '61.

SHOULDER—TUMORS
Pneumonectomy in multiple metastases of osteogenic sarcoma from the shoulder to the lung. A.A. Fokin. Vop.onk. 7 no.12:68-70 '61.

SHOW WINDOWS
Contest review. I.Aizenshtein. Sov.torg. 35 no. 2:52-54 F '62.
Diploma of the first degree. A. Obukhov. Sov.torg. 35 no. 2:55-56 F '62.
Dynamic show windows. V. Chubarov. Sov.torg. 35 no. 2:56-57 F '62.
Learn how to arrange show windows correctly. V.Kuptsova. Raspr.pech. no.7:14-15 Jl '61

SHOWBOATS see subdivision under Tobol'sk

SHRIMPS see subdivision under Alaska, Gulf of

SHUBERT, ANNA MIKHAILOVNA, 1881-
A.M.Shubert. Vop.psikhol. 7 no.6:183 N-D '61.

SHUL'CHEV, VALENTIN, d. 1943
"To live conquering!"; verse by Valentin Shul'chev. Reviewed by V. Shoshin. Neva no.7:192-193 '61.

SHUN'GA REGION—GUMBELITE
Nature of gumbelite. P. P. Tokmakov, M. G. Zamurueva, V. P. Petrov. Trudy IGEM no.48:86-93 '61.

SHUROB—EARTHQUAKE, 1955
Mechanism of focal motions and repeated shocks during the Shurob earthquake. T. I. Kukhtikova, A. IA Barinova. Trudy Inst. seism. stroi. i seism. 7:97-102 '60.

SHYIAN, ANATOLI, 1906-
"Anatoli Shyian" by IUrii Mushketyk. Reviewed by L IA Boichak. Rad. lit. 6 no. 1:131-133 Ja-F '62.

SHYRMA, RYHOR RAMANAVICH, 1892-
A man of the restless heart. A. Litvin. Belarus' 19 no. 1:22 Ja '62.

SIAZAN' REGION—OIL WELLS—HYDRAULIC FRACTURING
Efficiency of repeated hydraulic fracturing in fields of the Oil Field Administration of the Siazan' Petroleum Trust [in Azerbaijani with summary in Russian]. G. K. Abdullaev, I. B. Agamaliev, G. A. Guseinov. Azerb. neft. khoz. 40 no. 9:26-27 S '61.

SIBERIA—BOTANY, MEDICAL
"New medicinal plants of Siberia." Reviewed by E. B. Berkhin. Sov. med. 25 no. 6:154-155 Je '61.

SIBERIA—COAL RESEARCH
Eastern Coal-Chemical Institute. V. E. Privalov. Koks i khim. no.10:15-17 O '61.

SIBERIA—ENCEPHALITIS
Some data on the geography of tick-born encephalitis in Siberia S. M Pavlukhin Geog. sbor. no. 14 145-155 '61

SIBERIA—FLOOD FORECASTING—CONGRESSES
Conference on forecasts and calculations of floods caused by rains in rivers of Siberia and the Far East. V M Lylo Meteor. i gidrol no 1 66-67 Ja '62

SIBERIA—FORESTS AND FORESTRY
Investigating the vegetative resources in Picea hylocomiosa of the northern taiga. A. I. Marchenko, E. M. Karlov. Bot. zhur. 46 no 8:1146-1152 Ag '61

SIBERIA—HEALTH RESORTS, WATERING PLACES, ETC.
Shmitkova, A. S., comp. [Health resorts, sanatoriums, and rest homes of Siberia] Kurorty, sanatorii i doma otdykha Sibiri. [Novosibirsk] Novosibirskoe knizhnoe izd-vo, 1961.

SIBERIA—HISTORY
Preface. Rev. dvizh. v Sib. i na Dal'. Vost. no. 1:3-4 '60.

SIBERIA—ICHNEUMON FLIES
Study of the braconid fauna (Hymenoptera, Braconidae) of Siberia, the Far East, and Mongolia. V. I. Tobias. Izv. Sib. otd. AN SSSR no. 11:121-129 '61.

SIBERIA—IRON INDUSTRY
The economic effectiveness of developing ferrous metallurgy in Siberia and Kazakhstan. E. B. Luk'ianov. Och. po sovr. sov. i zarub. ekon. no. 1:124-145 '60.

SIBERIA—LABOR SUPPLY
Problems in using the labor resources of Siberia and the Far East. G. Prudenskii. Vop. ekon no. 1:53-61 Ja '62

SIBERIA—MEDICAL GEOGRAPHY
Some data on the geography of tick-borne encephalitis in Siberia. S M Pavlukhin Geog. sbor no 14 145-155 '61.

SIBERIA—PHYSICAL GEOGRAPHY
Spatial differentiation of large physicogeographical complexes in the mountains of southern Siberia. N. I. Mikhailov. Vop. geog. no. 55:107-116 '61.

SIBERIA—REVOLUTION, 1917-1921
Organization of Bolshevik underground work behind the lines of the Kolchak Army. S. F. Vakhonin. Uch. zap. MOPI 95:99-120 '61.

SIBERIA—REVOLUTION OF 1905
How the Bolsheviks tried to exert their influence on the revolutionary organizations of Siberian workers in 1905. A. T. Koniaev. Rev. dvizh. v Sib. i na Dal'. Vost. no. 1: 52-86 '60.

SIBERIA—RUSSIAN SOCIAL DEMOCRATIC PARTY
History of the establishment of social democratic organizations in Siberia. N. V. Bifnov. Rev dvizh. v Sib. i na Dal'. Vost. no. 1:5-17 '60.

SIBERIA—SPRUCE
Investigating the vegetative resources in Picea hylocomiosa of the northern taiga. A. I Marchenko, E. M. Karlov. Bot. zhur. 46 no. 8.1146-1152 Ag '61.

SIBERIA—SUGAR BEETS
[Sugar beet in Siberia] Sakharnaia svekla v Sibiri. Moskva, Izd-vo M-va sel'. khoz. RSFSR, 1960. 206 p. (DA)

SIBERIA—UNDERGROUND LITERATURE
Bolshevik leaflets distributed among the soldiers of the Omsk Military District in 1906 and 1907. G. P. Marina Rev. dvizh. v Sib. i na Dal'. Vost. no. 1:111-133 '60.

SIBERIA, EASTERN—ALLANITE
Orthite of pegmatite veins in Eastern Siberia. P. V. Kalinin Trudy MGRI 37:82-89 '61.

SIBERIA, EASTERN—CLIMATE
Shcherbakova, E. IA. [Eastern Siberia] Vostochnaia Sibir', Leningrad, Gidrometeor. izd-vo, 1961. 300 p. (Klimat SSSR, no. 5)

SIBERIA, EASTERN—HUMIDITY
Preliminary data on principal characteristics of moisture circulation over Eastern Siberia and the Far East. O. G. Sorochan. Trudy GGO no. 111:15-23 '61.

SIBERIA, EASTERN—MINERAL WATERS
Akademiia nauk SSSR, Sibirskoe otdelenie, Vostochno-Sibirskii geologicheskii institut. [Mineral waters in the southern part of Eastern Siberia] Mineral'nye vody iuzhnoi chasti Vostochnoi Sibiri. Moskva, Izd-vo Akad. nauk SSSR.
Vol. 2, [Mineral springs, wells for mineral wators, and mineral lakes (catalogs)] Mineral'nye istochniki, skvazhiny, vskryvaiushchie mineral'nhe vody i mineral'nye ozera (katalogi). Pod obshchei red. N. A. Vlasova, V. G. Tkachuk i N. I. Tolstikhina. 1962. 197 p.

SIBERIA, EASTERN—PALEONTOLOGY, STRATIGRAPHIC
Biostratigraphic division of the Devonian of the northeastern U.S.S.R. M. A. Rzhonsnitskaia. Inform. sbor. VSEGEI no. 42:71-83 '61.

SIBERIA, EASTERN—PHYSICAL GEOGRAPHY
Some results of dividing central Siberia and Krasnoyarsk Province into physicogeographical regions. IU. P. Parmuzin, M. V. Kirillov, IU. A. Shcherbakov. Vop. geog. no. 55:91-106 '61.

SIBERIA, EASTERN—TIN ORES
Geochemical characteristics of tin and tin-tungsten deposits in Eastern Siberia I. F. Grigor'ev Trudy MGRI 37:90-101 '61

SIBERIA, EASTERN—TUNGSTEN ORES
Geochemical characteristics of tin and tin-tungsten deposits in Eastern Siberia. I. F. Grigor'ev. Trudy MGRI 37:90-101 '61

SIBERIA, WESTERN—CLIMATE
Koldomasov, L. I. [Climate of Western Siberia] Klimat Zapadnoi Sibiri. [Novosibirsk] Novosibgiz, 1947. 56 p.

SIBERIA, WESTERN—FORESTS AND FORESTRY
Krylov, G. V. [Forests of Western Siberia; history of studies, forest types, zoning, ways of use, and improvements] Lesa Zapadnoi Sibiri, istoriia izucheniia, tipy lesov, raionirovanie, puti ispol'zovaniia i uluchsheniia. Moskva, Izd-vo Akad. nauk SSSR, 1961 253 p.

SIBERIA, WESTERN—GAS, NATURAL—GEOLOGY
Gas resources of the trans-Ural region. M IA. Rudkevich. Gaz. prom. 6 no 11:3-5 '61.

SIBERIA, WESTERN—PHYSICAL GEOGRAPHY
Division of Western Siberia into natural regions. G. G. Grigor, A. A. Zemtsov. Vop. geog. no. 55:82-90 '61.

SIBERIA, WESTERN—RUSSIAN SOCIAL DEMOCRATIC PARTY
How the Bolsheviks of Western Siberia tried to carry out the decisions of the Sixth All-Russian Conference of the Russian Social Democratic Party in Prague. M. M. Valivach. Rev. dvizh. v Sib. i na Dal'. Vost. no. 1: 134-162 '60.

SICK, CARE OF see Care of the sick

SIDEL'NIKOV, NIKOLAI
Interesting talent. D. Blagoi. Sov. muz. 25 no. 8:27-31 Ag '61.

SIERRA LEONE—ECONOMIC GEOGRAPHY
Mador, IU. P. [Sierra Leone yesterday and today] Sierra-Leone vchera i segodnia. Moskva, Izd-vo In-ta mezhdunarodnykh otnoshenii, 1961. 70 p.

SIERRA LEONE—POLITICS AND GOVERNMENT
Mador, IU. P. [Sierra Leone yesterday and today] Sierra-Leone vchera i segodnia. Moskva, Izd-vo In-ta mezhdunarodnykh otnoshenii, 1961. 70 p.

SIGHT see Vision

SIGNALS AND SIGNALING
Response to A. Rozentals' article. A. Kuznetsov. Mor. flot 22 no. 1:19-20 Ja '62.

SIGNS AND SYMBOLS
Symbols and signs. A. M. Korshunov. Vest. Mosk. un. Ser. 8:Ekon., filos. 17 no. 1:60-70 Ja-F '62.

SIKHOTE-ALIN' RANGE—GEOLOGY, STRATIGRAPHIC
Recent volcanism in the Iman Basin (Central Sikhote-Alin') O. K. Chedlia. Trudy Tadzh. gos un. 28 no. 1:147-155 '60.

SILANE
Pressure and density of vapors from solutions of chlorine derivatives of silane. Part 4. K. M. Korchemskaia and others. Izv. vys. ucheb. zav. ;khim. i khim. tekh. 4 no. 4:584-587 '61.
Production of bis-(γ-trifluoropropyl)-dichlorosilane. A. D. Petrov, V. A. Ponomarenko, G. V. Odabashian. Izv. AN SSSR, Otd. khim. nauk no. 1:174-176 Ja '62.
Reaction of addition of dichlorosilane to alkenylsilanes. G. V. Odabashian, T. A. Zhuravleva, A. D. Petrov. Dokl AN SSSR 142 no. 3:604-607 Ja '62.
Semiperiodical process of selecting distillates by example with the rectification of a mixture of methylchlorosilanes. V. V. Popov. Plast. massy no. 9:24-25 '61.

SILICA
Possibility of burning silica clinkers on a firing grate. M. F. Chebukov, V. A. P'iachev. Izv. vys. ucheb. zav. ; khim. i khim. tekh. 4 no. 4:643-646 '61.

SILICATES
Belov, N. V. [Crystal chemistry of silicates with large cations] Kristallokhimiia silikatov s krupnymi kationami. Moskva, Izd-vo Akad. nauk SSSR, 1961. 66 p. (Chteniia im. V. I. Vernadskogo, no. 2.)

SILICATES (Continued)

Coefficient of the thermal expansion of gallosilicate and aluminosilicate glasses in dependence on their composition. S.K Dubrovo. Zhur. prikl. khim. 35 no.1:47-51 Ja '62.

Effect of replacing sodium oxide by oxides of other metals on the surface tension of silicate melts and their adhesion to solid steel A A Pel'minov, S.I. Popel', N.S Smirnov Izv.vys ucheb zav., chern. met. 4 no.12:5-7 '61

SILICATES—SPECTRA

Results of the study of infrared absorption spectra of the ring silicate series. Part 3. I. I Plyusnina Zhur. strukt. khim. 2 no.3:330-336 My-Je '61.

SILICIC ACID—PHYSIOLOGICAL EFFECT

Polarographic studies on the blood serum of animals receiving silicic acid [with summary in English]. Modi and others Biul eksp. biol i med 52 no 10 60-63 O '61.

SILICON—ISOTOPES

Levels of the Si^{30} nucleus from the reaction $Si^{29}(d, p)Si^{30}$ [with summary in English] K. I. Zherebtsova and others. Zhur. eksp. i teor. fiz 41 no. 6: 1761-1762 D '61.

SILICON IN THE BODY

Silicon content in human cerebral cortex [with summary in English]. V. A. Del'va. Biul. eksp biol. i med. 52 no. 8:58-62 Ag '61.

SILICON ORGANIC COMPOUNDS

Interaction between the organosilicon compounds containing vinyl groups directly linked to silicon atoms and boric and phosphoric acids and phosphoric anhydride. A. P. Kreshkov, D. A. Karateev, V. Fiurst. Zhur. prikl. khim. 34 no. 12:2711-2716 D '61.

New simplified method for the micro- and semimicrodetermination of silicon in organic compounds A. A. Abramian, S. M. Atoshian. Izv. AN Arm SSR. Khim nauki 14 no 5 441-443 '61.

Reactions of amines with bis-(chloromethyl)-tetramethyldisiloxane and its derivatives. K A. Andrianov, L. M. Volkova. Izv. AN SSSR, Otd. khim. nauk no. 1 87-90 Ja '62.

Synthesis of bis-p-(phenyldichlorophenyl), bis-p-(trichlorophenyl), bis-p-(triphenyl)-silylbenzenes. A. D. Petrov, E. Fisher. Izv. AN SSSR. Otd khim nauk no. 1 168-169 Ja '62.

SILICON OXIDE

Preparation of highly dispersed silicon dioxide. V. IA. Nikolina. Khim. prom. no. 1:48-52 Ja '62.

SILICONES

Silicones in surgery (from "Rubber Age," no. 11, 1961). Plast. massy no. 10:69-70 '61.

SILK MANUFACTURE see subdivision under Margelan

SILKWORMS

Light as a factor regulating the development cycle of the Chinese tussah moth (Antheraea pernyi Guer.). B.N. Berkina. Shor. rab. po ekol. i sist. zhiv. no. 1:73-79 '59.

SILOXANES

γ-Rhy vulcanization of methylvinyl siloxane rubber with a low content of vinyl groups. S. V. Averianov and others. Kauch. i rez. 20 no. 1:1-7 D '61.

Properties of vulcanizates from siloxane rubber with a low content of vinyl groups. V. N. Kartsev, G. G. Karalina, N. I. Rozova. Kauch. i rez. 20 no. 1:7-11 D '61.

Temperature dependence of the thermal and physical properties of polyethylsiloxane liquids. B. S. Deichman, L. V. Gornets, N. A. Tupolenko. Plast. massy no. 10:25-28 '61.

Vulcanization of copolymers of cyclic dimethyl and diethyl siloxanes. S. N. Borisov, A. V. Karlin, I. A. Malysheva. Kauch. i rez. 20 no. 11:4-8 N '61.

SILUMIN—TESTING

Effect of the speed of tension on the formation of hot cracks in silumin specimens. IA. A. Smolianitskii, N. I Kaplii. Izv. vys ucheb. zav.; tsvet. met. 4 no. 3 129-135 '61.

SILUVA—HISTORY

Vadeikis, J. Siluva. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1960. 49 p. [In Lithuanian]

SIMEIZ—RADIOACTIVE FALLOUT

Bellaev, L. I., and others. [Intensive radioactive fallout in Simeiz (Crimea) as a result of the nuclear explosion of Feb. 13, 1960 in the Sahara] Intensivnoe radioaktivnoe vypadenie v Simeize (Krym) v rezul'tate iadernogo vzryva v Sakhare 13 fevralia 1960 g. Moskva, Gos. Kom-t Soveta Ministrov SSSR po ispol'zovaniiu atomnoi energii, 1961. 36 p.

SIMFEROPOL RESERVOIR—ZOOPLANKTON

Zooplankton of Simferopol Reservoir and the specific conditions governing its existence. G. B. Mel'nikov. Trudy Gidrobiol. ob-va 11:44-53 '61.

SIMMENTHAL CATTLE see subdivision under Ukraine

SIMON, JOHN, 1816-1904

John Simon (1816-1904). (From the history of public health in England during 19th century) I. V Vengrova Sov. zdrav. 20 no. 8:68-73 '61.

SIMONOV, RUBEN NIKOLAEVICH, 1899-

Ruben Simonov. G. Boiadzhiev. Teatr 23 no. 1:74-77 Ja '62.

SIND—HISTORY

Anglo-Sindhi relations in the first half of the 19th century, from the history of the conquest of Sind N. A. Khalfin Krat soob. Inst nar. Azii no. 45:3-17 '61.

SINGER, CHARLES, 1876-1960

Charles Singer. R. S. Rabinovich. Sov. zdrav. 20 no. 6: 73-74 '61.

SINGERS see subdivision under Moscow

SINGING

(see also subdivision under Moscow)

The singer and the song. L IAunzem. Sov. muz. 25 no 12 39-40 D '61.

A song is worthy of good singers. S. Lemeshev. Sov. muz. 25 no. 8:34-36 Ag '61.

SINGING—INSTRUCTION AND STUDY

Vital problems. A. Sveshnikov. Sov. muz. 25 no. 8: 72-77 Ag '61.

SINGING, CHORAL see Choral singing

SINITSYN, NIKOLAI PETROVICH, 1900-

Nikolai Petrovich Sinitsyn. Farm. i toks. 24 no. 3:377-378 My-Je '61.

SINKIANG PROVINCE see Sinkiang-Uigur Autonomous region

SINKIANG-UIGUR AUTONOMOUS REGION—ECONOMIC CONDITIONS

The economic policy of the Ch'ing Government in Sinkiang during the first half of the 19th century. V. S. Kuznetsov. Izv. AN Kazakh SSR Ser. ist., arkheol. i etn. no. 3: 78-89 '61.

SINTERING

(see also subdivision under Zaporozh'ye)

Electric vibration screen for hog sinter. D. P. Pritykin, M. IU. Faians. Obog. rud. 6 no. 5:45-48 '61.

Preparing nodules and their use in smelting. A. M. Chernyshev. Metallurg 7 no. 1:13-16 Ja '62.

Relationship between the indices of the sintering process and the amount of air drawn through. P. A. Liakhov. Obog. rud 6 no. 4:30-32 '61.

Results of experimental testing of the effect of preheating the charge and other factors on sintering process indices. D. G. Kokhlov, IU. A. Gyrdymov. Trudy Ural-mekhanobra no. 5, 104-112 '59.

Role of sinter homogeneity and its fluxing on the acceleration of the blast furnace process and the improvement of sinter quality. D. G. Khokhlov. Trudy Uralmekhanobra no. 5:113-131 '59

Use of high vacuum to accelerate the sintering process. I. A. Shkliarevich. Obog. rud. 6 no. 5, 34-35 '61.

SINUSITIS

Reactivity of the organism in chronic suppurative paranasal sinusitis. B. R. Lozinskii. Zhur. ush., nos. i gorl. bol. 21 no. 4:70 Jl-Ag '61.

Sensitivity of microflora to various antibiotics in subacute and chronic inflammation of the maxillary sinuses [with summary in English]. V. Z. Tarasiuk. Zhur. ush., nos. i gorl. bol. 21 no. 4:41-45 Jl-Ag '61.

SINYACHIKHA HYDROELECTRIC POWER STATION—DAMS

Experimental studies of the functioning of the precast prestressed buttress of a dam. A. D. Osipov, S. V. Sharkunov. Energ. stroi. no. 20 53-56 '61.

SIPHONOPHORA see subdivision under Atlantic Ocean

SIRAB (NAKHICHEVAN A. S. S. R.)—MINERAL WATERS—PHYSIOLOGICAL EFFECT

Effect of Sirab mineral waters on the reactivity of the taste receptors of the tongue in chronic gastritis. M. S. Kasimov, F. M. Efendieva. Vop. kur., fizioter. i lech. fiz. kul't. 26 no. 6:495-498 N-D '61.

SIRUPS see subdivision under United States

SIVASH REGION—MINERALS IN SOIL

Ground waters and salts in arid steppes of the Sivash region under irrigation. A. M. Mozheiko, T. K. Vorotnik. Nauch. trudy Ukr. nauch.-issl. inst. pochv. 5:73-120 '61.

SIVASH REGION—WATER, UNDERGROUND

Ground waters and salts in arid steppes of the Sivash region under irrigation. A. M. Mozheiko, T. K. Vorotnik. Nauch. trudy Ukr. nauch.-issl. inst. pochv. 5:73-120 '61.

SKERLIC, JOVAN, 1877-1914

Jovan Skerlić as a literary critic. IU. D. Beliaeva. Lit. slav. nar. no. 8:40-110 '61.

SKIN

Changes in cutaneous and vascular reactions in chronic eczema at the "Kemeri" health resort [with summary in English]. P. IA. IAkovson. Vest. derm. i ven. 35 no. 12:33-37 D '61.

Method for the symmetrical study of capillary resistance and neurohumoral factors of the skin B IA Rashap. Fiziol. zhur. 47 no. 6:783-785 Je '61.

Permeability of the skin and intensity of the tuberculin reactions in patients with pulmonary tuberculosis [with summary in French]. V. M. Terletskii Probl. tub. no 5:45-50 '61.

SKIN—AGING

Some morphological and functional characteristics of the skin in old age [with summary in English]. K A. Kalantaevskaia, I. G. Gurina. Vest derm. i ven. 35 no. 12:8-13 D '61.

SKIN—CANCER

(see also subdivision under Bulgaria; Kazakhstan)

Appearance of skin cancer in the area of urinary fistulas. N. S. Anishin. Vop. onk. 7 no. 8:95-96 '61.

Late results of the treatment of malignant skin melanomas. K. Sh. Kachkareva Sov. med. 25 no. 8:138-141 Ag '61.

Luminescence study of transplanted Brown-Pearce tumors in rabbits. M. A. Gladkova and others. Vop. onk. 7 no. 5:41-46 '61.

SKIN—DISEASES

Dermatitis caused by Dictamnus dasycarpus. F. I. Stekhun, B. A. Kyrnakov. Vest. derm. i ven. no. 1:67-70 '62.

Dispensary care for patients with skin diseases at the October Revolution Machine Construction Plant in Odessa [with summary in English]. S I. Matuskov, N. S. Kossiura-Polevaia. Sov. med. 25 no 9:82-85 S '61.

Errors in directing patients with skin diseases to the Pintigorsk health resort (from data of the health resort polyclinic). S. L. Al'perovich. Vest. derm. i ven. 35 no. 12:42-43 D '61

"Guide book to skin diseases" by A. B. Seliskii. Reviewed by S. P. Arkhangel'skii. Vest. derm. i ven. 35 no 12:68-69 D '61.

Khoroshin, M. G. [Infectious skin diseases] Zaraznye zabolevaniia kozhi. Moskva, Medgiz, 1961. 95 p. (Nauchno-populiarnaia meditsinskaia literatura) (DNLM)

Morphological and histochemical studies of the skin in lupus erythematosus. E. M. Rakhmalevich and others. Vest. derm. i ven. no. 1 18-23 '62.

Pathogenesis and treatment of eczema and neurodermatitis in children [with summary in English]. M. A. Rozentul and others. Vest. derm. i ven. 35 no. 12:3-9 D '61.

Role of vitamin C in the prevention of skin diseases. N. I. Ilyushkin Voen.-med zhur. no. 7:80 Jl '61.

Seliskii, A. B. [A guide to skin diseases; clinical aspects and treatment of diseases of the skin, pharmacotherapy and prescription filling] Spravochnik po kozhnym bolezniam; klinika i lechenie zabolevanii kozhi, farmakoterapiia i retseptura. Izd. 2., perer. i dop. Minsk, Izd-vo Akad. nauk BSSR, 1961. 412 p. (DNLM)

Skin reaction to histamine at the focus of infection in some dermatoses [with summary in English]. A. S. Chubarova. Vest. derm. i ven. 35 no. 12:13-22 D '61.

Treatment of acute pyodermas with erythromycin. M. A. Teitel'man, L. V. Rybakova. Sov. med. 25 no. 10:136-137 O '61.

Use of corticosteroids in some dermatoses. N. A. Ivanov. Sov. med. 25 no. 9:41-47 S '61.

Use of intestinal lavages in skin diseases. P. K. Shaposhnikov. Vop. kur., fizioter. i lech. fiz. kul't. 26 no. 6: 514-517 N-D '61.

SKIN—INNERVATION

Change in the nervous system of the skin in experimental animals under the effect of naphthalan petroleum with and without bathing [in Azerbaijani with summary in Russian]. R. A. Karakhanova. Azerb. med. zhur. no. 7: 30-35 Jl '61.

SKIN—PERMEABILITY

Effect of the stimulation of gastric receptors on the permeability of the skin [in Azerbaijani with summary in Russian]. A. G. Tagieva. Trudy Sekt. fiziol. AN Azerb. SSR 4:63-71 '60.

SKIN—RADIOGRAPHY

Effect of P^{32} application on the content of glucose and water in the blood and skin of rabbits. S. I. Matuskov. Med. rad. no. 7:88-89 '61.

Study of some aspects of the pathogenesis of radiation skin injuries. A. V. Kozlova and others. Med. rad. no. 1:16-21 '62.

SKIN—TRANSPLANTATION

Plastic surgery of traumatic finger stumps using free skin flaps. L.I.Balandina. Vest.khir. no.6:118-119 '61.

Possibility of the accretion of free skin flaps in transplanting them to various tissues. M.I.Lytkin, N.E. Povstianoi. Vest.khir. no.6:80-83 '61.

Restoration of the transplant's sensitivity in plastic surgery using a spiral flap [with summary in English] I I Kateev Zhur ush , nos i gorl. bol. 21 no 5 28-33 S-O '61

Skin homoplasty in burned subjects [with summary in English]. V.M.Burmistrov, P.M.Medvedev, K.K. Zaitseva. Vest.khir. no.6:74-80 '61.

Surgical treatment of recidivous inguinal hernias with the use of skin implants [with summary in English]. Z. I. Niverina. Vest. khir. no 5:81-85 '61.

SKIN—TUBERCULOSIS

Immediate effectiveness of treating tuberculosis of the skin with antibacterial preparations B R Rakhmatov, F.A.Kliamov. Zdrav. Tadzh. 8 no.6:33-38 N-D '61.

Reaction to tuberculin in antibacterial treatment of tuberculosis of the skin [with summary in English]. I.B.Veinerov, E.I.Cherkasskaia. Vest.derm.i ven. 35 no.12:30-33 D '61.

SKIN—TUMORS

Characteristics of the Barré-Masson tumor. M.D. Androsov. Zhur.ush., nos.i gorl.bol. 21 no 4:75-76 Jl-Ag '61.

Multiple benign cystic epithelioma. I. N Dmitrieva. Med. zhur. Uzb. no.7 63-64 Jl '61.

SKIN DIVING see Diving, Submarine

SKIPPER (FISH) see subdivision under Pacific Ocean

SKIS AND SKIING

Basic problems in the expansion of ski manufacture. K.K. Arsen'ev, I.B. Orman. Der. prom. 11 no 2 1-2 F '62

Come out to the sky run! Evgenii Bukhvostov. Sem'ia i shkola 16 no.12:36-37 D '61.

Three? No, four!... V. Viktorov. Ogonek 40 no. 3: 22-23 Ja '62.

SKOVORODA, GRIGORII SAVVICH, 1722-1794

"Grigorii Skovoroda" by P. M. Popov. Reviewed by A M Nizhenets' Rad lit. 6 no. 1,142-145 Ja-F '62.

SKRÉTA, KAREL, 1610-1674

Sketches by Karel Skréta. L. Salmina. Soob. Gos. Erm. no 20:16-19 '61

SKULL—HYDATIDS

Surgery of gigantic calcified intracranical echinococcic cysts. V. A. Nikol'skii. Vop. neirokhir. 25 no. 1. 73-76 '62.

SKULL—WOUNDS AND INJURIES

Neurovascular disorders in the late aftereffects from a closed injury of the skull and their changes under the influence of general bromine electrophoresis. N.F Sokolova. Vop.kur fizioter.i lech.fiz kul't. 26 no.6: 534-538 N-D '61.

SLAG

Effect of granulation on the oxidizing roasting of vanadium slag. V. V. Pechkovskii and others. Izv. vys. ucheb. zav., tsvet. met. 4 no. 3:88-93 '61.

Hardening of binding materials based on granulated fuel slags. A. V. Volzhenskii, K. V. Gladkikh, B. N. Vinogradov. Sbor. trud. VNIINSM no. 2:62-74 '60.

Precipitation of sulfides and metallic copper from converter slags during crystallization I A. Stroitelev, V. D. Ponomarev Izv. AN Kazakh. SSR. Ser. met., obog. i ogneup no. 3 11-19 '61

Study of the hydration of the minerals in slags. V. S. Gorshkov, T. A. Khmelevskaia. Sbor. trud. VNIINSM no. 2:75-129 '60.

SLAVIC ANTIQUITIES see subdivision under Moldavia

SLAVIC LANGUAGES—GRAMMAR, COMPARATIVE

Lomtev, T. P. [Comparative-historical grammar of the eastern Slavic languages; morphology] Sravnitel'no-istoricheskaia grammatika vostochnoslavianskikh iazykov; morfologiia. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 322 p.

SLAVIC LANGUAGES—HISTORY

Kuznetsov, P. S. [Essays on the morphology of the primitive Slavic language] Ocherki po morfologii praslavianskogo iazyka. Moskva, Izd-vo Akad. nauk SSSR, 1961. 144 p.

SLAVIC LITERATURE—HISTORY AND CRITICISM

Influence of A. S. Pushkin's "Evgenii Onegin" on Slavic literatures. N. I. Kravtsov. Lit. slav. nar. no. 6: 126-177 '61.

SLAVIC STUDIES see subdivision under Ukraine

SLAVS see subdivision under Byzantine Empire

SLAVSK DISTRICT—PASTURES AND MEADOWS

Work results in developing animal husbandry and strengthening the food supply on the Stalin Collective Farm in Slavsk District, Kliningrad Province. V N Pavlov Nauch trudy KOMS no 1:175-187 '59

SLAVYANSK—GEOGRAPHY—STUDY AND TEACHING

Local geography in evening schools. F. P. Danil'chuk. Geog. v shkole 25 no. 1:52-53 Ja-F '62.

SLEEP

Mechanism in developing sleep inhibition after the administration of adrenaline. IU. A. Borkovskaia. O. N Fadeeva. Fiziol. zhur. 47 no. 7:808-814 Jl '61.

Treatment of sleep disturbances in patients with cerebral atherosclerosis. E. L. Lebedinskaia. Trudy Gos. nauchno-issl. inst. psikh 22:380-394 '60.

SLEEP THERAPY

Potentiation of medicated sleep with 6-methylthiouracil and rubeane hydride [with summary in English]. M. V. Korablev. Biul. eksp. biol. i med. 52 no. 8:67-70 Ag '61.

SLEEPLESSNESS see Insomnia

SLOBODSKAIA, ODA

Oda Slobodskaia visits us. A. R. Sov. muz. 25 no. 12: 95-96 D '61

SLOPES (PHYSICAL GEOGRAPHY)

Sliding of fractured rocks on slopes. N.I.Sokolov. Trudy Lab. gidrogeol. probl 35 79-97 '61.

Study of coastal slopes and their formation in order to determine their stability from the point of view of engineering geology. G. S. Zolotarev. Trudy Lab. gidrogeol. probl. 35.14-35 '61.

SLOT MACHINES see Vending machines

SLOVAKIA—POLITICS AND GOVERNMENT

The governmental system of Slovakia. O. Svechkar'ov. Rad. pravo no. 4:134-137 Jl-Ag '61.

SLOVENIA—RELATIONS (GENERAL) WITH RUSSIA

Anton Aškerc and Russian literature. M. I. Ryzhova. Lit. slav. nar. no. 6:178-206 '61.

SLUCH VALLEY—SWAMPS

Some peculiarities of the development of swamps in the flood plain of the Sluch River. I I.IAsinskii. Sbor. bot. rab. Bel otd. VBO no. 2:155-166 '60.

SMALLPOX

Clinical aspects and differential diagnosis of smallpox; based on data from an outbreak of transmitted smallpox in Moscow in January, 1960 [with summary in English]. A. V. Eremian. Sov. med. 25 no. 6:40-51 Je '61.

Complications in leukemic patients vaccinated against smallpox [with summary in English]. E. B. Vladimirskaia. Sov. med. 25 no. 8:118-120 Ag '61.

Eruptions following vaccination against smallpox. V. M. Komarov. Sov. med. 25 no. 8:120-122 Ag '61.

Resistance of smallpox virus [with summary in English]. E. M. Akatova. Vop. virus. 6 no. 5:576-579 S-O '61.

S. N. Potapova's article, "Cutaneous anesthesia through electrophoresis in treating pockmarks of the face, and saccharomycetic paronychia and onychia" M. A. Kachkovskii. Vop. kur., fizioter. i lech. fiz. kul't. 24 no. 6:555-556 N-D '59.

Study of the results of smallpox vaccination. Report No. 2 [with summary in English]. IU. N. Mastiukova and others. Vop. virus. 6 no. 5 573-576 S-O '61.

SMALLPOX—PREVENTION see subdivision under Uzbekistan

SMELL

Participation of nasal muscles in the activity of the olfactory analyzer. A. P. Marevskaia Fiziol. zhur. 47 no. 6:697-703 Je '61.

SMELTING FURNACES

Cyclone smelting of copper-zinc concentrates. P. A. Misenikov, A. I. Okunev, D. I. Lutokhin. Trudy Inst. energ. AN Kazakh. SSR 2:274-284 '60.

Increasing the stability of steel tapping holes. Zh. A. Vydrina, F. N Simonenko. Metallurg 7 no. 1:24-25 Ja '62.

Principal results of the studies of cyclone processes of smelting and sublimation. I. P. Basina, M. I. Vdovenko, M. R. Kurmangaliev. Trudy Inst. energ. AN Kazakh. SSR 2:261-273 '60.

Response to M. S. Zarudi's article "Centralized feeding of high frequency systems." K. A. Pavliuk. Prom. energ. 16 no. 7:57-58 Jl '61.

SMIL'GIS, EDUARD IANOVICH, 1886-

Eduard Smil'gis. P. Peterson. Teatr 23 no. 1:78-80 Ja '62.

SMIRNOV, IURII, 1926-1944

Heirs to the glory of a hero. Sov. voin 43 no. 21:9-12 N '61.

SMOKE-PIPES see Flues

SMOKED FISH see Fish, Smoked

SMOLENSK—FURNITURE INDUSTRY

Gathering momentum. I. Arestov. Mest. prom. i khud. promys. 2 no. 7:16 Jl '61.

SMOLENSK—HISTORY

Andreev, N. [History around us] Istoriia vokrug nas. [Smolensk, Smolenskoe knizhnoe izd-vo, 1961] 235 p. [MICROFILM]

SMOLENSK—PUBLIC LAUNDRIES

The customer is satisfied. V. L'vov. Zhil.-kom. khoz. 11 no. 10 34-35 O '61.

SMOLENSK PROVINCE—CITIES AND TOWNS, RUINED, EXTINCT, ETC.

Archaeological excavations in the area of the former Vladimir and Smolensk Principalities in 1959. V. V. Sedov. Krat. soob. Inst. arkheol. no. 86:73-77 '61

SMOLENSK PROVINCE—TECHNICAL SOCIETIES

Inactive boards of administration. I. Liubovskii. NTO 3 no. 12:55 D '61

SMORODINCHEV, ANATOLII ALEKSANDROVICH, 1901-

Professor A. A. Smorodinchev on his 60th birthday. Vop. virus. 6 no. 5:633 S-O '61.

SMUTS

(see also subdivision under Karelian Isthmus)

Studying the susceptibility of wheat varieties to rust and covered smut in relation to the altitude of the region. M. M. Ismailov. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 10:43-53 '61.

SMUUL, JUHAN, 1922-

Chronicler of scientific daring. L. Davydov. Nauka i zhizn' 28 no. 10:91-96 O '61.

SNAKES

Can snakes hypnotize? S. K. Klumov. IUn. nat. no. 12: 34 D '61.

SNITKO, NIKOLAI KONSTANTINOVICH, 1901-

N. K. Snitko's 60th birthday. V. V. Pinadzhian. Izv. AN Arm. SSR Ser. tekh nauk 14 no. 5:73 '61.

SNOW

(see also subdivision under Azerbaijan)

Kuz'min, P. P. [The process of the melting of snow] Protsess taianiia snezhnogo pokrova. Leningrad, Gidrometeoi., izd-vo, 1961. 344 p.

SNOW—THERMAL PROPERTIES see subdivision under Arctic regions

SNOW SURVEYS

Improvement of snow measuring observations. L. F. Shcherbakova. Meteor. i gidrol. no. 1:43-49 Ja '62.

SOAKING PITS see Furnaces, Heating

SOAP INDUSTRY—EQUIPMENT AND SUPPLIES

Make way for the continuous process in soap manufacturing. B. G. Luchin. Masl.-zhir. prom. 27 no. 11: 46-47 N '61.

SOCCER

Reconnaissance by struggle. M. Merzhanov. Ogonek 40 no. 2:25-27 Ja '62.

SOCHI—BATHS, SEA

Differential treatment of hypertension at Sochi-Matsesta Health Resort with particular attention to the dynamics of electrocardiographic indices in sea baths. M. I. Beznosov. Vop. kur., fizioter i lech. fiz. kul't. 26 no. 6: 522-527 N-D '61.

SOCHI—HEALTH RESORTS, WATERING PLACES, ETC.

Compound treatment of patients with neurasthenia accompanied by cardiac disorders at the Sochi-Matsesta Health Resort. L. A. Ul'ianova. Vop. kur., fizioter. i lech. fiz. kul't. 26 no. 4:289-293 Jl-Ag '61.

Scientific report session of Sochi Institute of Health Resorts. N. M. Zolotova. Vop. kur. fizioter. i lech. fiz. kul't. 26 no. 6:565-567 N-D '61.

SOCHI—THERAPEUTICS, PHYSIOLOGICAL

Changes in the peripheral lymph system in experimental allergic arthritis and the effect of Matsesta balneologic procedures and such changes; X-ray experimental study. D. P. Lutai, N. M. Shikhova, A. A. Rekkandt. Vop. kur., fizioter. i lech. fiz. kul't. 24 no. 6:492-496 N-D '59.

Effectiveness of the compound treatment of chronic dystrophic polyarthritis in miners at Sochi-Matsesta Health Resort at various seasons of the year. E. A. Karchagina and others. Vop. kur., fizioter. i lech. fiz. kul't. 24 no. 6:503-506 N-D '59.

SOCIAL CLASSES

Remarks on [illegible] and [illegible] of [illegible]-ys. [illegible] 4 [illegible] '61]

SOCIAL CONDITIONS

1961-1962. V. Eliseeva. Kul't. i zhizn' 6 no. 1:2-3 '62.

SOCIAL CONFLICT

Andreeva, G. M., and D. M. Ugrinovich. [Classes and the class struggle] Klassy i klassovaia bor'ba. [Moskva] Mosk. rabochii, 1961. 86 p.

SOCIAL GROUP WORK

TSentral'nyi dom kul'tury zheleznodorozhnikov. [A methodological manual for the celebration of All-Union Railroad Day by the cultural and educational institutions of Soviet railroads] Metodicheskoe posobie k Vsesoiuznomu dniu zheleznodorozhnika; v pomoshch' kul'turno-prosvetitel'nym uchrezhdeniiam zheleznodorozhnogo transporta. Moskva, Transzheldorizdat, 1960. 117 p.

SOCIAL MEDICINE see subdivision under Moscow

SOCIAL PROBLEMS

May the earth burn under the feet of loafers. Polit. samoobr. 5 no. 7:101-107 Jl '61

SOCIAL SCIENCES—BIBLIOGRAPHY see Bibliography—Social sciences

SOCIAL SCIENCES—STUDY AND TEACHING

Current admission of students to the Academy of Social Sciences attached to the Central Committee of the CPSU. Kommunist 38 no. 3:128 F '62.

Let's give attention to methodology! I. S. Dziubko. Vest. vys. shkoly 20 no. 1 68-71 Ja '62.

Let's prepare very carefully for teaching the "Fundamentals of political knowledge." I. K. Vakhitov, G. G. Postavnaia. Sred. spets. obr. 9 no. 1:11-17 Ja '62.

The 22d Congress of the CPSU and the objectives of the departments of social sciences. M. A. Suslov. Kommunist 38 no. 3:15-45 F '62.

Use of local lore material and the production experience of students in a school for working youth for inculcating the communist attitude toward work. A. F. Titkov. Prep. ist. v shkole 17 no 1:87-89 Ja-F '62.

SOCIALISM

Engels' struggle against false socialism and its significance for our times. G. M. Gak. Nauch. dokl. vys. shkoly; filos. nauki 4 no. 3:51-59 '61.

Marxist-Leninist principles of criticism of right-wing socialist ideology. S. I. Popov. Nauch. dokl. vys. shkoly; filos. nauki 4 no. 3:60-71 '61.

V. I. Lenin on the possibility of a peaceful transition from capitalism to socialism. I. Z. Krivov. Sbor. st. LITMO no. 40:98-113 '60.

SOCIALISM IN RUMANIA

The Rumanian People's Republic on the way toward the accomplishment of the building of socialism. Zhel. dor. transp 43 no. 12:3-4 D '61.

SOCIALIST COMPETITION
(see also subdivision under Armenia; Czechoslovakia; Leningrad; Moscow; Moscow Province; Uzbekistan)

The first beacon of Karelia. V. Potashev. Mest. prom. i khud. promys. 2 no. 7:6-7 Jl '61.

For the winner. Mest. prom. i khud. promys. 2 no. 7:4 Jl '61.

Gathering momentum. I. Arestov. Mest. prom. i khud. promys. 2 no. 7:10 Jl '61.

Gershberg, S. R. [The movement of collectives and shock workers of communist labor] Dvizhenie kollektivov i udarnikov kommunisticheskogo truda. Moskva, Gos. izd-vo polit. lit-ry, 1961. 301 p.

Hourly graph. I. Egorov. Mest. prom. i khud. promys. 2 no. 7-8 Jl '61.

Kozin, A. I. [For communist labor; from socialist competition practice at the S. M. Kirov Grain Milling Combine] Za kommunisticheskii trud; iz opyta sotsialisticheskogo sorevnovaniia na mel'kombinate imeni S. M. Kirova. Moskva, Zagotizdat, 1961. 43 p.

Labor feats of the foremost collectives. Kozh.-obuv. prom. 3 no. 11:4-6 N '61.

Movenko, I. M. [In my brigade] V moei brigade. [Khar'kov] Khar'kovskoe knizhnoe izd-vo, 1961. 15 p. (Poradovki semiletki)

Neighbors help each other. E. Chibisov. Mest. prom. i khud. promys. 2 no. 7-2-3 Jl '61.

Nosilovskii, A. B. [The future is with us] Budushchee rladiom s nami. Minsk, Gos. izd-vo BSSR. Red. massovo-polit. lit-ry, 1961. 86 p.

The role of the brigades and shock workers of communist labor in inculcating a communist attitude toward labor. P. Rudoi. Ekon. Sov. Ukr. no. 4:63-69 Jl-Ag '60.

Those who march in the front row. Mest. prom. i khud. promys. 2 no. 7:1-2 Jl '61.

V. I. Lenin on socialist competition. P. M. Oleshchenko. Sbor. nauch. rab. kaf. polit. ekon. vuzov g. Khar. no. 3: 95-103 '60.

SOCIALIST COMPETITION—BIBLIOGRAPHY see Bibliography—Socialist competition

SOCIALIST COMPETITION—CONGR. [illegible]

Conference [illegible] labor move[illegible] trud i zar[illegible]

SOCIALIST PARTIES
(see also subdivision under Europe, Western, Germany, West)

What are the possibilities of cooperation between communists and socialists? M. Manasov. Otv. na vop. trud no 2 48-53 '61.

SOCIALIST PARTY see subdivision under France

SOCIALIST PROPERTY

Development of Lenin's theory of socialist property in the decisions of the 21st Congress of the CPSU. A. A. Evdokimov. Sbor. nauch. rab. kaf. polit. ekon. vuzov g. Khar. no. 3 19-20 '60.

Nationalization as a basis for the establishment and legal regulation of socialist property. IA. F. Mikolenko. Izv. vys. ucheb. zav., prav. 5 no. 2:120-132 '61

SOCIALIST REALISM

Leizerov, N. L. [Realism in contemporary art] Realizm v sovremennom iskusstve. Moskva, Izd-vo "Znanie," 1961. 38 p. (Narodnyi universitet kul'tury: Fakul'tet literatury i iskusstva, no 27)

Nikulina, N. I. [Socialist realism; the formation and development of a new art theory in Russian literature] Chto takoe sotsialisticheskii realizm, o stanovlenii i razvitii novogo khudozhestvennogo metoda v russkoi literature. Leningrad, Ob-vo po raspr. polit. i nauchn. znanii RSFSR, 1961. 42 p.

"Problems of socialist realism." Reviewed by V. O. Kudin. Rad. lit. 6 no. 1:126-129 Ja-F '62.

SOCIETY, PRIMITIVE
(see also subdivision under Caucasus, Northern)

"Problems in the history of primitive society"; Trudy of the N. N. Miklukho-Maklai Institute of Ethnology of the Academy of Sciences of the U. S. S. R. Vol 54. Reviewed by V. Bakhta, A. Formozov. Sov. etn. no 5. 168-173 S-O '61.

SOCIOLOGY

Arkhangel'skii, L. M. [Tribe, nationality and nation as historical forms of human society] Plemia, narodnost', natsiia kak istoricheskie formy obshchnosti liudei. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 38 p.

Decisive significance of the generalization of progressive practices and the possibility of organizing social experiments in social sciences. R. Ryvkina. Nauch. dokl. vys. shkoly; filos. nauki 4 no. 3:41-50 '61.

Problems of philosophy and sociology at the 25th International Congress of Orientalists. O. M. Efendiev. Nauch. dokl. vys. shkoly; filos. nauki 4 no. 3:186-188 '61.

SODIUM

Photometric determination of potassium and sodium in ammonia-oxygen flame. M. M. Rubinshtein, and others. Biul. Kom. po opr. abs. vozr. geol. form. no. 1:109-113 '61.

SODIUM CHLORIDE see Salt

SODIUM CHROMATE

Oxidizing calcination of chromite charges in furnaces with a fluidized bed. G. N. Bogachov and others. Khim. prom. no. 9:63-64 S '61.

SODIUM CITRATE

Experimental and clinical study of the effectiveness of transfusions with blood preserved with citric acid instead of acid sodium citrate. S. V. Oldurova. Probl. gemat. i perel. krovi no. 11:52-55 '61.

SODIUM DITHIONATE

Kinetics and mechanism of thermal decomposition of sodium dithionate. M. M. Pavliuchenko, M. P. Glievich, V. I. Kulikov. Dokl. AN BSSR 5 no. 12:554-557 D '61.

SODIUM FERRATE

Role of sodium ferrite in leaching of aluminate sinters. M. F. Malyshev, G. V. Kazabrodskaia. Zhur. prikl. khim. 34 no. 11:2407-2413 N '61.

SODIUM FLUORIDE

Acceleration of the autoclaving of lime-siliceous building materials by introducing sodium flouride into the silicate composition. D. I. Chemodanov, M. E. El'tsova. Sbor. nauch. trud. TISI 8:113-117 '61.

SODIUM FORMALDEHYDESULFOXYLATE

Use of a vibrating mill for the production of rongalite. T. I. Kunin, M. A. Vlasiuk. Izv. vys. ucheb. zav.; khim. i khim. tekh. 4 no. 4:636-638 '61.

SODIUM HYDRIDE

Synthesis of sodium and potassium borohydrides by the reduction of boron halides with sodium and potassium hydrides in the presence of triethylaluminum. L. I. Zakharkin, V. V. Gavrilenko. Izv. AN SSSR, Otd. khim. nauk no. 1 173-174 Ja '62.

SODIUM HYDROXIDE—TOXICOLOGY

Hemorrhage from the aorta following poisoning with caustic soda. A. V. Brofman, N. D. Mametov. Zhur. ush., nos. i gorl. bol. 21 no. 5:79-81 S-O '61.

SODIUM IODIDE

Treating cerebral atherosclerosis by subcutaneous injection of sodium iodide. P. G. Medinskii. Vrach delo no 12:141-145 D '61

SODIUM LACTATE—THERAPEUTIC USE

Correcting circulatory disorders after loss of blood by introducing a solution of sodium lactate enriched with amino acids [with summary in English]. L. I. Starushenko. Vrach delo no. 12:16-20 D '61.

SODIUM METABOLISM

Succinic dehydrogenase and active sodium transport in the osmoregulating organs of vertebrates. ID. V. Natochin, T. A. Krestinskaia. Fiziol. zhur. 47 no. 10 1306-1313 O '61.

SODIUM NITRITE

Use of sodium nitrite as a steel corrosion inhibitor in the atmosphere of moist air containing sulfur dioxide. A. I. Kinevskii, N. D. Mazover. Zhur. prikl. khim. 34 no 12:2705-2711 D '61.

SODIUM PHENOXIDE—ANALYSIS

Analysis of sodium phenolates produced in dephenolizing units. E. D. Levin, A. G. Vasil'eva. Koks i khim no 9:50-52 '61

SODIUM PYROPHOSPHATE

Production of sodium tripolyphosphate and pyrophosphate. I. L. Gofman, M. V. Lykov, I. P. Khudolei. Khim. prom no 9 28-32 S '61

SODIUM SELENOSULFATE

Production of potassium and sodium selenosulfates. G. S. Klebanov, N. A. Ostapkevich. Zhur. prikl. khim. 35 no. 1:185-188 Ja '62.

SODIUM THIOSULFATE

Interaction between a mixture of water soluble and insoluble compounds of cadmium and zinc and sodium thiosulfate. I. V. Riskin, T. V. Rogova. Zhur. prikl. khim. 35 no. 1:16-26 Ja '62.

SODIUM TRIPHOSPHATE

Production of sodium tripolyphosphate and pyrophosphate. I. L. Gofman, M. V. Lykov, I. P. Khudolei. Khim. prom no. 9 28-32 S '61.

SOFRONITSKII, VLADIMIR VLADIMIROVICH, 1901-1961

From reminiscences. K. Adzhemov and others. Sov. muz. 26 no. 12 86-95 D '61.

SOFTENING OF THE BRAIN see Brain—Softening

SOIL CONDITIONERS

Role of polymers in the increase of soil fertility. N. P. Poinsov, O. A. Agafonov. Zemledelie 23 no. 12:70-73 D '61.

SOIL CONSERVATION see subdivision under Kedabek District

SOIL EROSION see subdivision under Kishchay Valley

SOIL FERTILITY

Role of polymers in the increase of soil fertility. N. P. Poinsov, O. A. Agafonov. Zemledelie 23 no. 12:70-73 D '61.

Role of root and rhizosphere microflora in the development of higher plants and in soil fertility. Report No. 1. A. A. Obraztsova, M. B. Petrenko. Nauch. trudy Ukr. nauch.-issl. inst. pochv. 5:55-72 '61.

SOIL FREEZING

Flow of heat toward ice cylinders of frozen curtains with significant seepage speeds of ground water. B. V. Bakholdin. [Trudy] NIIOSP no. 45:77-87 '61.

Portable low-temperature station for freezing ground. Kh. R. Khakimov, B. G. Ruderman. [Trudy] NIIOSP no. 45.64-76 '61.

Some conclusions drawn from observations of the artificial freezing of soils. B. V. Bakholdin. [Trudy] NIIOSP no. 45:88-99 '61.

Use of unfilled shells and installation of piles with freezing of thawed layers and pockets in permafrost districts. G. N. Maksimov. [Trudy] NIIOSP no. 45:33-52 '61.

Veinblat, Z. S., and M. I. Smorodinov. [Artificial freezing of soil during construction] Iskusstvennoe zamorazhivanie gruntov na stroitel'stve. Moskva, TSentr. biuro tekhn. informatsii, 1958. 33 p. [MICROFILM]

SOIL MECHANICS
(see also subdivision under Colchis)

Consolidation of soils and rocks as the depth of their bedding increases. A. P. Legar. Izv. vys. ucheb. zav.; gor. zhur. no. 11:47-54 '61.

Determining the critical load for peat soils by the "lasting cohesion" magnitude. M. A. Piterman. Dokl. AN BSSR 5 no. 12:668-671 D '61.

Elastic core in a sand base under an inclined load resting on an undeepened fountain [with summary in English]. M. Sh. Mintskovskii. Inzh.-fiz. zhur. 5 no. 2:117-121 F '62.

Use of a VICKhOM penetratometer for determining soil density up to 60 cm. O. B. Kirpichnikov, V. G. Vol'man. Trakt. i sel'khozmash. 31 no 12:18 D '61.

SOIL MECHANICS—RESEARCH

Troitskaia, M. N. [Textbook on a laboratory work concerning soil mechanics] Posobie k laboratornym rabotam po mekhanike gruntov. [Moskva] Izd-vo Mosk. univ., 1961. 303 p.

SOIL MICRO-ORGANISMS

Effect of gypsum on the microflora of deep Chernozem soils in Kharkov Province. A. A. Obraztsova, M. B. Petrenko. Nauch. trudy Ukr. nauch.-issl. inst. pochv. 5 26-54 '61.

SOIL MOISTURE
(see also subdivision under Tajikistan)

Determining the moisture of soils from general territorial relationships. V. A. Romanenko. Trudy UkrNIGMI no. 30 3-18 '61.

Materials on the evaluation of moisture in the sandy soils of pine strip *forests in the Irtysh Valley*. L. P. Brysova, A. G. Gael'. Vest. Mosk. un. Ser. 6. Biol., pochv. 17 no. 1:65-74 Ja-F '62.

Moisture of the upper soil layer as an indicator of mapping possibilities for drainage systems. L. N. Sidonisev. Nauch. trudy KOMS no. 1 84-92 '59.

SOIL PERCOLATION

Percolation in a layer with an impermeable top and bottom and a slightly permeable interlayer. I. A. Charnyi. Trudy MINKHiGP no. 33:122-130 '61.

Using the hydraulic analogy method for calculating the temperature conditions of soils, taking into account heat transfer by percolation, and for deducing certain similarity criteria [with summary in English]. V. S. Luk'ianov. Inzh.-fiz. zhur. 5 no. 2:52-57 F '62.

SOIL PHYSICS
(see also subdivision under Desna Valley)

Comparative investigation of some methods for determining the aggregate composition of soils. I. G. Breburda. Vest. Mosk. un. Ser. 6: Biol., pochv. 17 no. 1:75-80 Ja-F '62.

Ultrasonics in the preparation of soil samples for mechanical analysis [with summaries in English, German, and French]. L. N. Stepanov, V. E. Vladimirov. Vest. sel'khoz. nauki 6 no. 11 122-126 N '61.

SOIL STABILIZATION

Dynamic interaction of a ramming plate with the soil compacted by it [with summary in English]. B. I. Didukh. Inzh.-fiz. zhur. 5 no. 2:58-63 F '62.

Effect of soil compaction on the plantations in park forests. V. D. Zelikov, V. G. Pabonnova. Les. khoz. 14 no. 12:34-36 D '61.

Method of determining the dose of electrolyte in electrochemical *stabilization of flooded loams*. L. P. Zagoruiko. Nauch. zap. Ukrniiproekta no. 2 65-82 '60.

SOIL TEMPERATURE

Using the hydraulic analogy method for calculating the temperature conditions of soils, taking into account heat transfer by percolation, and for deducing certain *similarity* criteria [with summary in English]. V. S. Luk'ianov. Inzh.-fiz. zhur. 5 no. 2:52-57 F '62.

SOILS see subdivision under Akstafa Valley; Azerbaijan, Kazakhstan; Kubatly District; Soviet Far East; Ukraine

SOILS—ANALYSIS
(see also subdivision under Kaliningrad Province)

Determination of magnesium in soils with aluminum. G. P. Fedorova, L. S. Serdiuk. Izv. vys. ucheb. zav.; khim. i khim. tekh. 4 no. 4:686-687 '61.

Mechanical method of determining the grain-size distribution of loose materials. B. A. Gustov. Energ. stroi. no. 20:95-97 '61.

SOILS—MICROBIOLOGY

Data on the problem of the role of soil in the epidemiology of fungus diseases [with summary in English]. Z. G. Stepanishcheva. Vest. derm. i ven. 35 no. 12:44-49 D '61.

SOILS—TESTING

Makuni, M. A. [Field laboratory tests of soils and road building materials] Polevye laboratornye ispytaniia gruntov i dorozhno-stroitel'nykh materialov. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shossainykh dorog RSFSR, 1961. 95 p.

SOILS, SANDY see Sandy soils

SOLAR *BATTERIES*

Future of sun batteries. M. Koltun. Nauka i zhizn' 28 no. 10:63-64 O '61.

SOLAR ENERGY

Symposium on solar energy in the United States. V. A. Baum. Vest. AN SSSR 32 no. 1:110-112 Ja. '62.

SOLAR RADIATION

Analysis of prognostic relationships with the account of solar activity. L. A. Vitel's. Trudy GGO no. 111:153-178 '61.

Effects of magnetic storms on cosmic rays during the minimum of solar activity. L. I. Dorman, V. K. Kolava. Geomag. i aer. 1 no. 5:839-841 S-O '61.

Integral functions of absorption of long-wave radiation in the atmosphere. Part 2. Absorption by atmospheric CO_2. V. E. Zuev. Izv. vys. ucheb. zav., fiz. no. 6 109-112 '61.

Investigation of the X-radiation from the sun. Part 2. S. I. Mandel'shtam and others. Isk. sput. Zem. no. 11 3-14 '61.

Ionospheric and geomagnetic effects of large chromospheric flares. G. M. Minasian. Geomag. i aer. 1 no. 5:766-771 S-O '61.

Planetary radiation balance of the earth. K. IA. Kondrat'ev. Meteor. i gidrol. no. 1 50-56 Ja '62.

Relationship between solar corpuscular streams and the type of the high-level baric field of the troposphere. B. L. Sazonov. Trudy GGO no. 111:126-135 '61.

Solar and geophysical relationships during different types of atmospheric circulation. T. V. Pokrovskaia, N. L. Spitsyna. Trudy GGO no. 111:118-125 '61.

Solar radioburst at the frequency of 28 Mc, July 12, 1961. N. P. Ben'kova, R. I. Turbin, M. D. Fligel'. Geomag. i aer. 1 no. 5 842-843 S-O '61.

Spectrum of radiobursts of type IV. F. I. Mogilevskii, S. T. Akin'ian. Geomag. i aer. 1 no. 5 813 S-O '61.

SOLAR RADIATION—CONGRESSES

Conference on radiation in Vienna. M. I. Budyko. Meteor. i gidrol. no. 1 65-66 Ja '62.

SOLAR RADIATION—MEASUREMENT

Measuring radiation of helium on the sun in far ultraviolet. A. V. Bruns, V. K. Prokof'ev. Isk. sput. Zem. no. 11 15-22 '61.

Spectrometer for measuring solar radiation in far ultra*violet*. A. V. Bruns, V. K. Prokof'ev. Isk. sput. Zem. no. 11, 23-29 '61.

SOLDATOVO (EAST KAZAKHSTAN PROVINCE)—COLLECTIVE FARMS

On the way to a great goal. N. Lozovoi. Part. zhizn' Kazakh. no. 11:38-41 N '61.

SOLDER AND SOLDERING

Pulse-type soldering iron. V. A. Sulin. Vest. elektroprom. 31 no. 10:72-74 O '60.

Reference sheet. Radio no. 2:56-60 F '62.

Unit for gas soldering. F. Nikitin. Avt. transp. 40 no. 1:52 Ja '62.

SOLDIERS

A great and genuine friendship. V. Deniak. Sov. voin. 43 no. 14:19 Jl '61.

SOLDIERS—EDUCATION, NONMILITARY

Center for political education. G. Belousov. Voen. vest. 41 no. 9:42-55 S '61.

SOLDIERS—RECREATION

Along tourist paths. V. Sushchenko, V. Bykov. Voen. vest. 41 no. 9:76-79 S '61.

In the soldiers' tea room of a distant garrison. I. Zhdanov. Tyl i snab. Sov. Voor. Sil 21 no. 11:44-45 N '61.

Soldiers must have interesting and sensible recreation. P. Surin, I. IAkovlev. Voen. vest. 41 no. 7:67-70 Jl '61.

SOLDIERS AS AUTHORS

Literary societies climb the heights. A. Koval'-Volkov. Sov. voin. 43 no. 14:36 Jl '61.

SOLENOIDS

Superconducting solenoids containing Nb_3Sn for strong magnetic fields [with summary in English]. N. E. Alekseevskii, N. N. Mikhailov. Zhur. eksp. i teor. fiz. 41 no. 6:1809-1810 D '61.

SOLIDS

Effect of the adsorbent, surface inhomogeneity, and adsorbate-adsorbate interaction on the adsorbability of solids. A. V. Kiselev. Vest. Mosk. un. Ser. 2: Khim. 17 no. 1:3-20 Ja-F '62.

Physics of solids. S. V. Vonsovskii. Kul't. i zhizn' 5 no. 1:16-18 '62.

SOLNECHNYI (KHABAROVSK TERRITORY)

Solnechnyi, the son of Komsomolsk-on-Amur. L. Kokin. Mol. kommn. no. 10:78-84 O '61.

SOLONETZ SOILS
(see also subdivision under Crimea)

Special features in the improvement of Solonetz soils of meadows. A. V. Novikova. Nauch. trudy Ukr. nauch.-issl. inst. pochv. 5:121-131 '61.

SOLUBILITY

Akademiia nauk SSSR, Institut nauchno-tekhnicheskoi informatsii. [Manual of solubility] Spravochnik po rastvorimosti. Moskva, Izd-vo Akad. nauk SSSR. Vol. 1. [Binary systems] Binarnye sistemy. Book. 1. 1961. 959 p.

Polarographic determination of the bismuth phosphate solubility product. *P. N. Kovalenko, K. N. Bogdasarov.* Uch. zap. RGU 41:107-111 '58.

SOLUTION (CHEMISTRY)

New method of drying solutions by spraying. M. I. Verba, B. I. Leonchik. Prom. energ. 16 no. 6:4-7 Je '61.

Surface tension of aqueous solutions of salts after polymorphous transformations in the solid state. A. N. Kirgintsev, I. N. Efanov, N. I. Burlakova. Izv. Sib. otd. AN SSSR no. 11:75-79 '61.

SOLVATION

Thermodynamic calculation of the solvation capacities of solvents. E. S. Rudakov. Dokl. AN SSSR 142 no. 3 629-632 Ja '62.

SOLVENTS

How to recuperate solvents. I. Svechnikov. Mest. prom. i khud. promys. 2 no. 7 J2 Jl '61.

Obtaining solvents from casing-head gasolines. M. G. Voronchikhina and others. Trudy VNIIGAZ no. 12:159-163 '61.

SOMALIA—DESCRIPTION AND TRAVEL

Peace be with you, Somalia. Gennadii Borovik. Ogonek 10 no. 5:16-17 Ja '62.

SONAR IN FISHING

Quantitative estimation of the concentrations of Baltic cod by the use of sonar. K. I. Udanov. Ryb. khoz. 38 no. 1 26-32 '62.

Relationship between the intensity of the sonar signal and the duration of the pulse. E. V. Shishkova. Ryb. *khoz. 38 no. 1:37-40* '62.

SONGS

"Historical songs from the 13th to the 16th century" edited by B. N. Putilov, B. M. Dobrovol'skii. Reviewed by V. Sokolova. Sov. etn. no. 6:131-132 N-D '61.

SONGS—HISTORY AND CRITICISM

What is a popular song? A. Svechnikov. Sov. muz. 25 no. 8:32-33 Ag '61.

Written songs and romances of the 18th century in oral folk tradition. N. P. Demidova. Sbor. stud. nauch. rab. po gum. tsik MOPI 4 61-83 '60.

SONGS, UKRAINIAN—HISTORY AND CRITICISM

On the composition of songs. I. P. Berezovs'kyi. Rad. lit. 6 no. 1:29-37 Ja-F '62.

SONIN, SEMEN DANILOVICH, 1891-

Professor Semen Danilovich Sonin. Ugol' Ukr. 5 no. 7: 17 Jl '61.

SOOT—PHYSIOLOGICAL EFFECT

X-ray changes in the lungs under the influence of soot [with summary in English]. A. I. Kun'eva, R. M. Kallo. Vest. rent. i rad. 36 no. 5:40-42 S-O '61.

SORBITOL

Clinical tests for nitrosarbide in coronary disease. A. B. Zborovskii, A. A. Beliakova, G. F. Efimova. Vrach. delo no. 6:36-39 Je '61.

SOROKA, GRIGORII VASIL'EVICH, 1823-1864

Dawn over Moldino. IA. Fomenko. Ogonek 40 no. 6: 8-11 F '62.

SORPTION

Approximate method of calculating sorption isotherms of methane on coals. V. V. Khodot, M. F. IAnovskaia. Nauch. soob. Inst. gor. dela 4:54-61 '60.

Comparative capacity of elements for sorption by ion exchange resins in hydrochloric acid solutions. L. K. TSitovich. Izv. vys. ucheb. zav.: khim. i khim. tekh. 4 no. 4:688-691 '61.

Modeling chemical sorption processes. N. A. Gol'dberg, V. I. Kucheriavyi. Khim. prom. no. 9:38-44 S '61.

Sorption of molybdenum by activated charcoals and anion exchangers. I. A. Kuzin, T. G. Plachenov, V. P. Taushkanov. Zhur. prikl. khim. 34 no. 11:2326-2430 N '61.

Study of the operation of desorbers of oil absorption apparatus. A. L. Khalif, I. M. Kof. Trudy VNIIGAZ no. 12:150-158 '61.

SOUND

Relation between the absorption and dispersion of sound in homogeneous media. A. Adkhamov. Dokl. AN Tadzh. SSR 4 no. 4:13-17 '61.

SOUND—PSYCHOLOGICAL ASPECTS

Significance of imitation for recognizing sound sequences [with summary in English]. L. A. Chistovich, IU. A. Klaas, R. O. Alekin. Vop. psikhol. 7 no. 6:173-182 S-O '61.

SOUND—RECORDING AND REPRODUCING

New method of measuring nonlinear distortions of sound tracks. V. V. Rakovskii, E. M. Ganina. Tekh. kino i telev. 6 no. 1:38-50 Ja '62.

SOUND—RECORDING AND REPRODUCING—BIBLIOGRAPHY see Bibliography—Sound—Recording and reproducing

SOUND WAVES

Acoustic coagulation of aerosols in dependence on the sound duration value. B. F. Podoshevnikov Zhur. prikl. khim. 34 no. 12:2664-2668 D '61.

Diffraction of a nonstationary pressure wave on a mobile plate. E. F. Afanas'ev Prikl mat. i mekh. 26 no. 1: 190-195 Ja-F '62.

"Echoes of bats and men" by Donald R. Griffin. Reviewed by IU. M. Zaleskii Priroda 51 no. 1:120 Ja '62.

SOUNDPROOFING

Theory of soundproofing layered enclosing elements from noise transmitted by air. V. I Zaborov Izv. ASIA no 2. 94-104 '61

SOUTH AFRICA, REPUBLIC OF—ZULUS

"Beautiful house" by Jack Coup. Reviewed by V. Vavilov, M. Novikova. Sov. etn no 5 202-204 S-O '61.

SOUTH KOREA see Korea, South

SOUTHEAST ASIA COLLECTIVE DEFENSE TREATY

The SEATO bloc of stiflers of freedom. E. Alekseev. Sov. vain 43 no. 14:47 Jl '61.

SOVEREIGNTY

"Internal jurisdiction of independent states and the United Nations" [in Slovak] by Jan Tomko. Reviewed by O. F. Sakun. Izv. vys. ucheb. zav. ;prav. 6 no. 4:164-165 '61

SOVETSKOYE DISTRICT (CHECHEN-INGUSH A. S. S. R.)—ANTIQUITIES

Caves serving as family tombs in the Shatoy Depression, Chechen-Ingush A. S. S. R. V. I. Markovin. Krat. soob. Inst. arkheol. no. 86:101-107 '61.

SOVETSKOYE DISTRICT (CHECHEN-INGUSH A. S. S. R.)—CAVES

Caves serving as family tombs in the Shatoy Depression, Chechen-Ingush A. S. S. R. V. I Markovin. Krat. soob. Inst. arkheol. no. 86:101-107 '61.

SOVIET BLOC see Communist Countries

SOVIET CENTRAL ASIA—COAL—TRANSPORTATION

Rationalizing coal transport on the railways of Central Asia. I. Ubaidullaev. Obshchestv. nauki v Uz. no. 7: 50-55 '61.

SOVIET CENTRAL ASIA—COTTON—IRRIGATION

Irrigation problems at a conference of the representatives of agriculture from the republics of Central Asia, Azerbaijan, and the southern provinces of Kazakhstan N. S. Khrushchev and others. Gidr. i mel. 14 no. 1: 3-10 Ja '62.

Regional conference on agriculture in Tashkent. Gidr. i mel. 14 no. 1 11-20 Ja '62

SOVIET CENTRAL ASIA—CROPS AND CLIMATE

Principles underlying the division of Central Asia and southern Kazakhstan into agroclimatic regions. L. N. Babushkin. Vop. geog. no. 55:131-137 '61.

SOVIET CENTRAL ASIA—CYCLONES

Western cyclones over Central Asia. M. V. Burkova. Trudy Sred. -Az. nauch. -issl. gidrometeor. inst. no. 4: 10-13 '61.

SOVIET CENTRAL ASIA—GAS, NATURAL—GEOLOGY

Follow-up to N. P. Tuhev's article "Oil and gas potentials of Central Asia." Reviewed by M. IA. Rudkevich. Geol. nefti i gaza 6 no. 1:56-57 Ja '62.

Signs of hydrothermal activity in oil-bearing regions of Central Asia. N. P. IUshkin. Geol. nefti i gaza 6 no. 1:58-59 Ja '62.

SOVIET CENTRAL ASIA—GEOLOGY, STRATIGRAPHIC

Boundary between the Bukhara and Suzak layers. L. V. Mironova. Inform. sbor. VSEGEI no. 42:127-136 '61.

SOVIET CENTRAL ASIA—HEALTH RESORTS, WATERING PLACES, ETC.

"At the sources of health resort treatment in Central Asia" by IA. K. Muminov. Reviewed by I. A. Zinov'ev. Vop. kur., fizioter. i lech. fiz. kul't. 26 no. 4:371-372 Jl-Ag '61.

SOVIET CENTRAL ASIA—HISTORY

Answer to falsifiers. A. Kh. Babakhodzhaev. Obshchestv. nauki v Uz. no. 11:47-51 '61.

Newly published documents on the rebellion of 1916 of Central Asia. L. M. Landa. Obshchestv. nauki v Uz. no. 11:51-53 '61.

SOVIET CENTRAL ASIA—INVESTMENTS, FOREIGN

Penetration of foreign capital into the economy of Central Asia before World War I. M. I. Veksel'man. Obshchestv. nauki v Uz. no. 7:31-36 '61.

SOVIET CENTRAL ASIA—MANTIDS

Morphology of the tree mantid Hierodula tenuidentata Saussure (Mantidae) from Tajikistan. I. I. Limit Dokl. AN Tadzh. SSR 4 no. 4:53-57 '61.

SOVIET CENTRAL ASIA—METEOROLOGY—CHARTS, DIAGRAMS, ETC.

Aeroclimatography of the tropical tropopause over Central Asia during the summer season. M. V. Burkova, D. A. Islamova. Trudy Sred. -Az. nauch. -issl. gidrometeor. inst. no. 4:120-128 '61.

SOVIET CENTRAL ASIA—MINIATURE PAINTING, MOHAMMEDAN

Development of Central Asian miniatures in the 16th century. M. M. Ashrafi. Krat. soob. Inst nar Azii no 44 158-166 '61

SOVIET CENTRAL ASIA—ORE DEPOSITS

Isotope composition of lead in ore deposits of the Caucasus and Central Asia. A. I. Tugarinov, S. I. Zykov Biul. Kom. po opr. abs. vozr. geol. form no. 1:66-76 '61.

SOVIET CENTRAL ASIA—PETROLEUM GEOLOGY

Follow-up to N. P. Tuhev's article "Oil and gas potentials of Central Asia." Reviewed by M. IA. Rudkevich. Geol. nefti i gaza 6 no. 1:56-57 Ja '62.

Signs of hydrothermal activity in oil-bearing regions of Central Asia. N. P. IUshkin. Geol. nefti i gaza 6 no. 1:58-59 Ja '62.

SOVIET CENTRAL ASIA—PLANT LICE

A new genus of plant lice (Homoptera, Aphididae) from the turanga (Populus pruinosa Schrenk) [with summary in English] M. N. Narzikulov. Dokl. AN Tadzh. SSR 4 no. 4:49-51 '61.

SOVIET CENTRAL ASIA—REVOLUTION, 1917-1921

"Turkestan man" by IA. A. Mel'kumov. Reviewed by I. Tellatnikov, B. Khordas. Voen -ist zhur 3 no 9: 97-101 S '61.

SOVIET CENTRAL ASIA—WINDS

Wind regime at high altitudes over Central Asia during South Caspian cyclones. M. A. Arifkhanova. Trudy Sred. -Az. nauch. -issl. gidrometeor. inst. no. 4:99-109 '61.

Wind regime in the lower troposphere in case of western invasions in Central Asia during the cold part of the year. Z. G. Emm. Trudy Sred. -Az. nauch. -issl. gidrometeor. inst. no. 4:110-125 '61.

Wind regime in the troposphere in case of western invasions in Central Asia during the warm part of the year. Z. G. Emm. Trudy Sred. -Az. nauch. -issl. gidrometeor. inst. no. 4:110-118 '61.

SOVIET FAR EAST—AMUR CORK TREE

Northern limit of the Amur cork tree. A. P. Nechaev. Bot zhur. 46 no. 12:1797-1803 D '61

SOVIET FAR EAST—BENZENE

Purification of the fractions of crude benzene by catalytic hydrogenation in coke-chemical plants of the Soviet East. I. I. Eru and others. Koks i khim. no. 11:41-43 '61.

SOVIET FAR EAST—CESTODA

Phenomenon of secondary polymerization of gonads in hymenolepidids. A. A. Spasskii Dokl AN SSSR 142 no. 3:734-736 Ja '62.

SOVIET FAR EAST—FOREST MANAGEMENT

Foresters in the Far East. N. V. Efimov. Les. khoz. 14 no. 12:68-69 D '61.

SOVIET FAR EAST—GEOGRAPHY

"Problems in the geography of the Far East." Reviewed by V. Sochava, I. Kiselov. Izv. Vses. geog. ob-va 93 no. 6:540-548 N-D '61.

SOVIET FAR EAST—GEOPHYSICS—INTERNATIONAL COOPERATION

Work results of the program of the International Geophysical Year in the international geophysical cooperation in the northeastern U. S. S. R. N. K. Klikin. Kraeved. zap. Mag. obl. kraeved. muz. no. 3:109-117 '60.

SOVIET FAR EAST—HUMIDITY

Preliminary data on principal characteristics of moisture circulation over Eastern Siberia and the Far East. O. G. Sorochan. Trudy GGO no. 111:15-23 '61.

SOVIET FAR EAST—KOREANS

A present to M. I. Kalinin from the Korean workers of the Soviet Far East. S. Khan. Ist. arkh. 7 no. 3:277 My-Je '61.

SOVIET FAR EAST—LABOR SUPPLY

Problems in using the labor resources of Siberia and the Far East. G. Prudenskii. Vop. ekon. no. 1:53-61 Ja '62.

SOVIET FAR EAST—NATIONALITIES—CONGRESSES

Victory of Lenin's nationalities policy; on the 35th anniversary of the First Congress of the Natives of the Far East. G. F. Sevil'gaev. Kraeved. zap. Mag. obl. kraeved. muz. no. 3:5-30 '60.

SOVIET FAR EAST—PHYSICAL GEOGRAPHY

Far East and its division into physicogeographical regions. IU. P. Parmuzin. Vop. geog. no. 55:117-130 '61.

SOVIET FAR EAST—REVOLUTION, 1917-1921

Struggle for the liquidation of colonial oppression and the establishment of Soviet power in the extreme northeastern regions of the U. S. S. R. L. M. Sedel'nikov. Sbor. stud. nauch. rab. po gum. tsik MOPI 4 215-241 '60.

SOVIET FAR EAST—SOILS

Geographical characteristics of soils in the forested zone of the extreme northeast of the U. S. S. R. A. P. Vas'kovskii Kraeved. zap. Mag. obl. kraeved. muz no. 3. 72-108 '60

SOVIET UNION see Russia

SOVIETS

(see also subdivision under Chernigov Province)

Bahkov, I. V., and B. E. Kamenetskii. [Soviets of workers' deputies are the political foundation of the U. S. S. R.] Sovety deputatov trudiashchikhsia - politicheskaia osnova SSSR. Tashkent, 1961. 44 p.

"District soviets of workers' deputies in Soviet cities" by R. A. Safarov. Reviewed by A. I. Bakurskii, A. Konev Sov. gos i pravo 32 no 2:148-150 F '62.

[In the main direction; from the work practice of the soviets of worker deputies] Na glavnom napravlenii, iz opyta raboty Sovetov deputatov trudiashchikhsia Moskva, Izd-vo "Izvestiia," 1961. 151 p.

The soviets and the building of communism. A. Kozhemiakin. Part. zhizn' no. 3 72-76 F '62.

SOWING

Can we sow in winter? IU. Polkovnikov. IUn. nat. no. 1:14-15 Ja '62.

SOYBEAN see subdivision under Maritime Territory

SOYBEAN—IRRIGATION

Growing soybean under irrigation. A. I. Uklein. Zemledelie 23 no. 12:44-48 D '61.

SPACE AND TIME

Discreteness of space and time. L. Perov. Znan. ta pratsia no. 1:10-12 Ja '62.

SPACE BIOLOGY

Path of Soviet space physiology. V. V. Parin, V. I. IAzdovskii. Fiziol. zhur. 47 no. 10:1217-1226 O '61.

Problems of space biology. O. G. Gazenko. Vest. AN SSSR 32 no. 1:30-34 Ja '62.

Some aspects of metabolism in animals due to cosmic flight. A. A. Giurdzhian and others. Isk. sput. Zem. no. 11:76-86 '61

SPACE LAW

The road toward space law. G. A. Ostitskaia. Izv. vys. ucheb. zav. ;prav. 5 no. 4:105-110 '61.

SPACE MEDICINE

In the space flight laboratory. N. N. Gurovskii, M. A. Gerd. Nauka i zhizn' 28 no. 10:21-26 O '61.

Physiological methods in space medicine. O. G. Gazenko, R. M. Baevskii. Isk. sput. Zem. no. 11:66-77 '61.

SPACE MICROBIOLOGY

Results of first microbiological and cytological experiments in space on artificial satellites. N. N. Zhukov-Verezhnikov and others. Isk. sput. Zem. no. 11.42-57 '61.

SPACE PERCEPTION

Forming a conception of space in children of the older group in drawing lessons. N. IArishava. Doshk. vykh. 23 no. 2:14-18 F '62.

Soveshchanie po problemam vosprilatiia prostranstva i prostranstvennykh predstavlenii, Leningrad, 1959. [Problems of the perception of space and spatial representations] Problemy vosprilatiia prostranstva i prostranstvennykh predstavlenii. Pod red. B. G. Anan'eva i B. F. Lomova. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1961. 196 p.

SPACES, GENERALIZED

Interpretation of nonsteady-state relativistic hydrodynamics in Minkowski space. L. S. Shikin. Dokl. AN SSSR 142 no. 3:564-567 Ja '62.

Space with torsion, and nonlinear field equations. V. I. Rodichev. Izv. vys. ucheb. zav. ; fiz. no. 6. 118-125 '61.

Spectral theory of the operator $-\Delta + ku$ in infinite space, in which k is a bounded Hermitian operator. V. N. Pivnenko. Izv. vys. ucheb. zav. ;mat. no. 1:164 '62.

SPACESHIPS

Determining induced radioactivity on the second spaceship. V. V. Matveev, A. D. Sokolov. Isk. sput. Zem. no. 11:42-43 '61.

Experience in the development photographic emulsion layers on the second spaceship. IA. M. Veprik. Isk. sput. Zem. no. 11:35-41 '61.

SPAIN—CIVIL WAR, 1936-1945—FOREIGN PARTICIPATION

Russian volunteer in Spain. N. Voronov. Oktiabr' 38 no. 8:186-193 Ag '61.

SPAIN—COMMUNIST PARTY

[Concise history of the Communist Party of Spain] Istorila Kommunisticheskoi partii Ispanii; kratkii kurs. Moskva, Gos. izd-vo polit. lit-ry, 1961. 287 p.

SPAIN—POLITICS AND GOVERNMENT

Kolomiets, G. N. [Spain today] Ispaniia segodnia. Moskva, Gos. izd-vo polit. lit-ry, 1961 69 p.

SPAIN—TRUSTS, INDUSTRIAL

Monopoly concentration in Spain. Juan Vicens. Mir. ekon. i mezhdunar. otn. no. 1 95-108 Ja '62.

SPANISH AMERICA see Latin America

SPANISH LANGUAGE—CONJUNCTIONS

Types of conjunctions between parts of a compound sentence; from materials on the Spanish language. M. B. Vorob'eva. Rom.-germ. filol. no 3:5-18 '61

SPANISH LANGUAGE—SYNTAX

Types of conjunctions between parts of a compound sentence; from materials on the Spanish language. M. B. Vorob'eva. Rom.-germ. filol. no 3:5-18 '61

SPANISH LITERATURE—HISTORY AND CRITICISM

Already a great deal .. I. Terterian. Vop. lit 5 no. 8: 135-137 Ag '61

SPARK, ELECTRIC see Electric spark

SPAS—ACTING—STUDY AND TEACHING

First pages of a story. V. Temkina, Ark. Smirnov. Teatr 22 no. 8:171-174 Ag '61.

SPAS—AMATEUR THEATRICALS

First pages of a story. V. Temkina, Ark. Smirnov. Teatr 22 no. 8:171-174 Ag '61.

SPATULA

Removal of a metallic foreign body (a bolt) from the esophagus using Tikhomirov's spatula. G. M. Sapozhnikova. Zhur. ush., nos. i gorl. bol. 21 no. 5 72 S-O '61.

SPECIFIC GRAVITY

New rapid method for determining the specific gravity of film materials. E. S. Khoroshaia, G. I. Kovrigina, V. I. Alekseenko. Plast. massy no 10:60-62 '61.

SPECTROMETER

Spectrometer for measuring solar radiation in far ultraviolet. A. V. Bruns, V. K. Prokof'ev. Isk. sput. Zem no. 11. 23-29 '61.

SPECTROMETRY

Effect of the spectrometer slit width on the measurable spectral and integral absorption. V. E. Zuev, B. P. Koshelev. Izv. vys. ucheb. zav., fiz. no. 6:172-173 '61

ECTROPHOTOMETRY

ange in the content of ribonucleic acid and nucleotides during differentiation and maturation of bone marrow cells in healthy persons (A method for ultraviolet ray cytospectrophotometry). V. P. Gurbanov. Probl. gemat. i perel krovi no. 11:3-11 '61.

Peshkova, V. M., and M. I. Gromova. [Practical manual on spectrophotometry and colorimetry] Prakticheskoe rukovodstvo po spektrofotometrii i kolorimetrii. [Moskva] Izd-vo Mosk. univ., 1961. 172 p. [MICROFILM]

Spectrophotometric study of thymol-hypobromite reaction for ammonia. M. I. Kulenok. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 4:558-560 '61.

SPECTRUM, INFRARED

Cross, A. D. [Introduction to practical infrared spectroscopy. Translated from the English. Preface by IU. Pentin] Vvedenie v prakticheskuiu infrakrasnuiu spektroskopiiu. Moskva, Izd-vo inostr. lit-ry, 1961. 109 p.

Study of some flotation reagents by infrared spectroscopy. I. N. Plaksin, V. I. Solnyshkin. Nauch. soob. Inst. gor. dela 8:21-29 '60.

SPECTRUM, MOLECULAR see Molecular spectra

SPECTRUM, X-RAY

Studying X-ray spectra of the compound NiS. I. A. Ovsiannikova. Izv. Sib. otd. AN SSSR no. 11:80-87 '61.

SPECTRUM ANALYSIS

Chemical reactions in spectrum analysis. V. V. Plastinin, R. S. Fridman. Izv. vys. ucheb. zav., fiz. no. 6:176-177 '61.

Evaluation of the effect of reabsorption on the intensity of a spectral line. N. G. Preobrazhenskii. Izv. vys. ucheb. zav.; fiz. no. 6:57-65 '61.

Some characteristics of the arc as the source of light in spectrum analysis during the introduction of the sample into the discharge region by a stream of air. A. E. Kontorovich. Izv. Sib. otd. AN SSSR no. 11:132-135 '61.

Spectroscopic study of the effect of the medium on the reactive capacity of benzene substituted. V. I. Danilova. Izv. vys. ucheb. zav.; fiz. no. 6:66-73 '61.

Stepanov, B. I. [Fundamentals of the spectroscopy of negative luminous fluxes] Osnovy spektroskopii otritsatel'nykh svetovykh potokov. Minsk, Izd-vo Belgosuniv. im. V. I. Lenina, 1961. 122 p.

Sukhenko, K. A., ed. [Photoelectric methods of spectral analysis, collection of articles] Fotoelektricheskie metody spektral'nogo analiza, sbornik statei. Moskva, Gos. nauchno-tekhn. izd-vo Oborongiz, 1961 95 p

SPECULATION

What lack of principle leads to. N. Dadabaev. Part. zhizn' Kazakh. no. 11 61-64 N '61.

SPEECH

Characteristics of the formation of the motor component in a child's verbal reaction [with summary in English] N. V. Sukhanova Zhur. vys. nerv. deiat 11 no. 5 856-859 S-O '61.

SPEECH, DISORDERS OF

Gorodilova, V. I., and N. I. Kuz'mina. [Correction of speech defects in rhinolalia cases, handbook for speech correction teachers] Ustranenie nedostatkov proiznoshenila pri rinolalii; posobie dlia uchitelei-logopedov. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. *RSFSR, 1961.* 213 *p.*

SPEECH THERAPY—EQUIPMENT AND SUPPLIES

Role of obturators in speech correction in subjects with congenital cleft palate. V. N. IAkovenko. Trudy LSGMI 63 47-54 '60.

SPERMATOGENESIS IN ANIMALS

Electron microscope study of spermatogenesis in mice [with summary in English] A. A. Prokof'eva-Bel'govskaia, Chzhai Chzhun-khe [Chai Chung-ho] Biofizika 6 no. 6 681-686 '61.

SPHALERITE

Deactivation of sphalerite in an acid medium. V. A. Glembotskii, M. M. Sorokin. Nauch. soob. Inst. gor. dela 6:77-84 '60.

SPICES

Athamantha macrophylla (Rgl. et Schmalh.), a little known spice plant. Razyk Khudaiberganov. Bot. zhur. 46 no. 8:1208-1209 Ag '61.

SPIDERS

It so happens that.... A. Blulov, V. Krivoshein. IUn. nat. no. 1:26-27 Ja '62.

SPILLWAYS

Shaft spillway as an energy dissipator. B. M. Chikvashvili Gidr. i mel 14 no 2:28-31 F '62

Split-bottom spillway flumes in overflow structures. G. I. Dobrianskii Dokl. i soob. UNIISKH no. 4:56-58 '59.

SPINAL ANESTHESIA

Use of peridural anesthesia for blocking purposes. S. N. Genyk. Vest. khir. no. 6:102-104 '61.

SPINAL CORD

Method for implanting electrodes into the spinal cord of a dog. O. G. Baklavadzhian. Fiziol. zhur. 47 no. 12 1502-1505 D '61.

Role of the substantia gelatinosa in the reflex activity of the spinal cord. T. K. Ioseliani. Fiziol. zhur. 47 no. 10:1253-1259 O '61.

SPINAL CORD—DISEASES

Some dermovegetative and splanchnovegetative reflexes in focal lesions of the spinal cord. Sh. Sh. Shamansurov. Med. zhur. Uzb. no. 6:20-22 Je '61.

SPINAL CORD—INFLAMMATION

Dermal vascular reactions in infectious myelitis [in Azerbaijani with summary in Russian]. R. G. Karagezov. Azerb. med. zhur. no. 7:70-74 Jl '61.

SPINAL CORD—INNERVATION

Characteristics of excitation and inhibition processes in the separate intermediate neurons of the spinal cord. P. G. Kostiuk. Fiziol. zhur. 47 no. 10:1241-1252 O '61.

SPINAL NERVES see Nerves, Spinal

SPINDLE TREE

Anatomical and pharmacognostic study of the spindle tree (Evonymus verrucosa). E. I. Gavrilova. Trudy Perm. farm. inst. no. 1:86-100 '59.

SPINNING

Debatable issue in the twisting theory of fibrous materials. L. Sh. Glikman. Tekst. prom. 21 no. 5 33-35 My '61.

Investigating the drawing forces in the field of drafting. Khuan Fu-sian [Huang Fu-hsiang] Tekst. prom. 21 no. 5:30-32 My '61.

Methods of breaking down the lap unevenness into components. V. A. Borisov. Tekst. prom. 21 no. 5:38-42 My '61.

Studying the various preparation methods for the weaving of weft processed on warp spinning machines. A. V. Kuligin. Izv. vys. ucheb. zav. tekh. tekst. prom. no. 6: 74-82 '61.

SPINNING MACHINERY

Consultation. S. S. Kovner, P. O. Mukatynä. Tekst. prom. 21 no. 5 85-86 My '61.

Experience in spinning with by-passing of the roving process A. K. Rusakov and others. Tekst. prom. 21 no. 5 43-48 My '61.

Make wider use of the new equipment. L. I. Fershtudi, Z. L. Feinberg Tekst. prom. 21 no. 5 27-30 My '61.

Pilikovskii, M. IA., and V. M. Rybakov. [Processing of synthetic fibers by cotton-spinning machinery] Pererabotka khimicheskikh volokon na khlopkoprialil'nom oborudovanii. Pod red. N. M. Belitsina. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1961. 166 p.

Some problems of the drawing theory in connection with high drafts and spinning from the sliver. L. N. Ginzburg, B. N. Fridman Tekst. prom. 21 no. 5:16-23 My '61.

Studying the new drafting devices of the drawing frame. S. M. Belousova, K. S. Asrilan Tekst. prom. 21 no. 5: 24-27 My '61.

SPIROCHETOSIS

Prophylactic measures against the appearance of outbreaks of tick-borne spirochetosis in new building projects B. N. Kazantsev, Kh. I. Mamkeeva Zdrav. Tadzh. 8 no. 5:21-24 S-O '61.

SPIROSCOPY

Method for studying classifying the ventilating function of the nose [with summary in English]. M. IA. TSypin. Zhur. ush., nos. i gorl. bol. 21 no. 5. 45-49 S-O '61.

SPLEEN

Effect of the spleen on the adaptation of transfused erythrocytes in leukemic patients. N. F. Klimova Probl. gemat. i perel. krovi no 2:57-59 '62

Reflexes from receptors in the pericardium in filling the spleen with blood [with summary in English]. I. P. Krichevskaia. Biul. eksp. biol. i med 52 no. 10. 19-21 O '61.

Spleen regeneration after changes caused by live antiplague vaccine [with summary in English]. S. L. Bliakher, G. V. Kharlova. Biul. eksp. biol. i med 52 no. 8:105-110 Ag '61.

SPLEEN—HYDATIDS

Echinococcosis of the spleen. E. S. Martikian. Vest. khir. no. 6:59-62 '61.

SPLEEN—SURGERY

Effect of gonadotropic activity of the hypophysis in rats on the development of intrasplenic transplants of the ovary [with summary in English]. IU. N. Bordiushkov. Vop. onk. 7 no. 8:62-65 '61.

SPODUMENE

Studying the action of sodium oleate and flotation modifiers during the flotation of beryl, spodumene, and feldspar. O. S. Bogdanov, Sin Vei-chzhun [Hsing Wei-chung], N. A. IAnis. Trudy Mekhanobr no. 128, 26-36 '61.

SPONTANEOUS COMBUSTION see Combustion, Spontaneous

SPORTS see subdivision under Latvia

SPORTS MEDICINE

Basic preventive measures in diseases of athletes [with summary in English] A. G. Dembo. Sov. med 25 no. 9:67-72 S '61.

Clinical aspects of sports medicine in the U. S. S. R. S. P. Letunov. Klin. med no. 1:5-14 '62.

SPRATS

Underwater observations on the behavior of sprats. I. V. Nikonorov. Ryb. khoz. 38 no. 1:32-36 '62.

SPRAYING AND DUSTING EQUIPMENT

Machinery used in plant protection. I. F. Snegovskii. Trakt. i sel'khozmash. 31 no. 12:40-43 D '61.

SPRINGS (MECHANISM)

Geometry of cables and multi-strand twisted springs. G. I. Iozef. Izv. vys. ucheb. zav., mashinostr. no. 6: 26-34 '61.

SPRUCE

(see also subdivision under Estonia; Siberia)

Preservation of the young growth of spruce and fir in clearcut areas. G. P. Timofeev. Les. khoz. 14 no. 12: 39-42 D '61.

Spruce bearing red and green cones and their capacity for early or late opening of buds. V. A. Panin. Dokl. AN SSSR 142 no. 3 723-724 Ja '62.

Technological requirements for the over-all mechanization of work in gathering pine and spruce cones. V. V. Ogievskii. Les. khoz. 14 no. 12:56-58 D '61.

SPUTNIKS see Artificial satellites

SPUTTERING (PHYSICS)

Comments on N. V. Plashivtsev's article "Sputtering of copper by hydrogen ions with an energy of up to 50 Kev." IU. V. Bulgakov Zhur. eksp. i teor. fiz. 41 no. 6:2015-2016 D '61.

SPUTUM—DISINFECTION

Disinfection of sputum containing mycobacteria tuberculosis using products from the electrolysis of solutions of sodium chloride [with summary in French]. T. N. [Ashchenko Probl tub. no. 5:69-75 '61.

Disinfection of tuberculous sputum using the products from electrolysis of chlorides [with summary in French]. B. L. Shura-Bura, A. P. Muravlev, P. I. Murashko. Probl. tub no. 5,66-69 '61.

SREDNECHIRCHINSKIY DISTRICT—COTTON PICKING MACHINERY

In an "average" district on the eve of machine harvesting. B. Bakhtiarov. Nar. khoz. Uzb. 3 no. 8,25-27 Ag '61.

STABILITY

Construction of dynamic instability regions in canonical systems with periodic coefficients [with summary in English]. B. G. Pittel', G. I. IUzefovich. Vest. LGU 17 no. 1:89-101 '62

STABILITY OF SHIPS

Graph for advance estimation of ships' stability [from "The Shipbuilder and Marine Engine-Builder," no. 2, 1960]. D P. Ukolov. Sudostroenie 27 no. 12:67-68 D '61.

System of damping a ship's rolling [from foreign journals]. Sudostroenie 27 no. 11:74 N '61.

Use of computers to control the stability and trim of a ship. IU. Kurach. Mor. flot 22 no. 1:12-14 Ja '62

STAGE LIGHTING

Consequences of an invention. V. Berezkin. Teatr 22 no. 8:146 Ag '61.

STAINS AND STAINING (MICROSCOPY)

Effect of the secretion from frog skin glands on tissue permeability to vital stains in experimental acute radiation effects [with summary in English]. E. G. Dolgov. Biul. eksp. biol. i med. 52 no. 10 47-50 O '61.

Sensitivity of Ehrlich cancer cells to dyes. B. E. Aizenman and others. Vop. onk. 7 no. 8:83-90 '61.

Vital staining of brain tumors in an experiment. M. Sh. Promyslov, G. M. Loktionov. Vop. neirokhir. 25 no. 1: 16-20 '62.

STAIRCASES

Study of the temperature and moisture condition in staircases of multistory buildings heated by hot-air systems with gravity circulation. V. M. Ivanov. Sbor. trud. NIIST no. 7:61-76 '61.

STALINABAD see Dushanbe

STALINGRAD see Volgograd

STALINGRAD HYDROELECTRIC POWER STATION see Volga Hydroelectric Power Station (22d Congress of the CPSU)

STALINGRAD RESERVOIR see Volgograd Reservoir

STALINO see Donetsk

STALINSK PROVINCE see Novokuznetsk Province

STAMMERING

Omel'chenko, N. A. [Stammering and its connection with anomalies of the maxillodental system and with hearing] Kosnoiaz,chie i ego sviaz' s anomaliiami zubocheliustnoi sistemy i slukhom. Moskva, Medgiz, 1961. 110 p. (Biblioteka prakticheskogo vracha) (DNLM)

STANDARDIZATION

At the sources of Soviet standardization. L. IA. Shukhgal'ter. Standartizatsiia 26 no. 1:8-14 Ja '62.

Further development of standardization. V. V. Tkachenko. Standartizatsiia 26 no. 1:3-7 Ja '62.

An important section in standardization. Standartizatsiia 26 no. 1:29 Ja '62.

Shortcomings in the activity of basic organizations. P. M. Golenev. Standartizatsiia 26 no. 1:55-56 Ja '62.

STANDARDS, ENGINEERING

Questions concerning the setting of estimated standards. Ekon. stroi. no. 11:60-62 N '61.

STANISLAV PROVINCE—COLLECTIVE FARMS—INCOME DISTRIBUTION

Raise of the wage level on collective farms in the forest and steppe regions; Stanislav Province. V. Pavchak. Ekon. Sov. Ukr. no. 4:33-38 Jl-Ag '60.

STANISLAVSKII, KONSTANTIN SERGEEVICH, 1863-1938

K. S. Stanislavskii at rehearsal. V. O. Toporkov. Sov. voin 43 no. 14:44-45 Jl '61.

On Stanislavskii. P. Markov. Teatr 23 no. 1:125-135 Ja '62.

On the future of our theater. Vl. Prokof'ev. Teatr 23 no. 1:87-107 Ja '62.

STANIUKOVICH, KONSTANTIN MIKHAILOVICH, 1844? - 1903

Letters written by K. M. Stantukovich to his family during a voyage around the world. V P. Vil'chinskii. Lit. arkh no. 6:421-464 '61

STAPHYLOCOCCUS

Preservation of antibiotic resistance in strains of staphylococci isolated from patients [with summary in English]. A. N. Shneerson, I. S. Butanovskaia, N A Andreeva. Antibiotiki 6 no. 6:528-530 Je '61.

STARAYA RUSSA—HOLIDAYS

Unusual holiday. G Alekhin. Neva no. 12:214 '61.

STARCH

(see also subdivision under Estonia)

Materials on parietal digestion. Report No. 3: Comparison of enzymatic hydrolysis of starch in the intestine and in vitro [with summary in English]. A. M. Ugolev. Biul. eksp. biol. i med. 52 no. 8:8-12 Ag '61

New processing procedure in the production of rice starch. A. I. Zhushman. Sakh. prom. 35 no. 12. 53-56 D '61.

STARCH—DRYING

Pneumatic drier for corn starch. I. I. Moshkov. Sakh. prom. 35 no. 11:54-55 N '61

STARCH INDUSTRY—BY-PRODUCTS

Production of protein feed from waste juices (from "Die Stärke," No. 6, 1961). Sakh. prom. 35 no 11 67-68 N '61.

STARS—CATALOGS

Catalog of proper motions of stars in 13 open clusters and their vicinity [with summary in English]. V. V. Lavdovskii. Trudy GAO Ser. 2 73:7-131 '61.

STARS—CLUSTERS

Electropolarimetric investigation of clusters NGC 2422, 6530, 6531, 6514, 7092, IC 1590, 4665 K. A. Grigorian, R. A. Vardanian. Soob. Biur. obser. no. 29:7-23 '61.

Expansion of associations of stars. L. V. Mirzoian. Soob. Biur. obser. no. 29:81-105 '61.

Luminosity function of Praesepe Cluster (NGC 2632). B. E. Markarian, S. N. Arakelian. Soob. Biur. obser. no. 29:65-70 '61.

White dwarfs in Praesepe Cluster (NGC 2632). B. E. Markarian, E. IA. Oganesian. Soob. Biur. obser. no. 29: 71-80 '61.

STARS, NEW

Photometric, colorimetric and polarimetric investigation of Nova Herculis 1960. K. A. Grigorian, R. A. Vardanian. Soob. Biur. obser. no. 29:39-50 '61.

Spectral observations of Nova Herculis 1960. N. L. Ivanova, M. A. Kazarian, R. Kh. Oganesian. Soob. Biur. obser. no. 29:25-38 '61.

STARS, VARIABLE

Electrophotometric and electropolarimetric observations of β Lyrae. K. A. Grigorian. Soob. Biur. obser. no. 29: 51-63 '61

Variable stars. M. A. Kilakotko. Nauka i zhizn' 28 no. 10:88-89 O '61.

STARYTS'KYI, MYKHAILO, 1840-1904

New versions of M P. Staryts'kyi's drama "Cross of life." V. U. Ollinyk. Rad lit 6 no. 1:101-104 Ja-F '62.

STASOV, VLADIMIR VASIL'EVICH, 1824-1906

V. V. Stasov on the future of motion-picture art. Iz ist. kino 4:95-96 '61.

STATE FARMS

(see also subdivision under Kustanay Province, Ukraine; Virgin Territory; Vitebsk Province; Volkovysk District)

Filatov, N. A. [Organization and economics of specialized state farms] Organizatsiia i ekonomika spetsializirovannogo sovkhoza. [Moskva] Mosk. rabochii, 1961. 118 p.

State farm role in the economics of socialist agriculture. M. S. Pohoriclov. Zbir. nauk. prats' Kaf. polit. ekon. Kyiv. un. no. 3:97-110 '59.

V. I. Lenin on the establishment of state farms and on their role and significance in developing socialist agriculture. M. A. Terekhov. Sbor. nauch. rab. kaf. polit. ekon. vuzov g Khar. no. 3:69-80 '60.

STATE FARMS—ACCIDENTS see subdivision under Leningrad

STATE FARMS—FINANCE

[Planning the production and financial operations of a state farm] Planirovanie proizvodstvenno-finansovoi deiatel'nosti sovkhoza. Moskva, Vses. zaochnye uchetnye kursy.

No. 2, Motov, S. I. [Financial planning on state farms] Finansovoe planirovanie v sovkhozakh 1959. 141 p.

[MICROFILM]

Vysokosov, N. V., B. A. Dovgell, and I. E. Leonov. [Planning state farm production and financial operations] Planirovanie proizvodstvenno-finansovoi deiatel'nosti sovkhoza. Izd. 2 Moskva, Vses zaochnye uchetnye kursy (VZUK).

No. 1 [Planning state farm production (lectures three-six)] Planirovanie proizvodstva v sovkhozakh (lektsii tret'ia - shestaia) 1960. 1960.

STATE SUCCESSION

Avakov, M. M. [The law of state succession as applied to the Soviet State] Pravoprecmstvo Sovetskogo gosudarstva. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 126 p.

STATISTICAL WEATHER FORECASTING

Forecasting synoptic processes for the current natural synoptic period by the use of analogues K. A Vasilukov, N. I. Zverev, D A. Ped' Meteor. i gidrol. no 1:27-33 Ja '62.

STATISTICS

Gaabe, IU, E. [The organization of statistics in the U. S. S. R., lecture on a course in statistical theory and general course in statistics] Organizatsiia statistiki v SSSR; lektsiia po kursu:Obshchaia teoriia statistiki i obshchii kurs statistiki. Moskva, Vses. zaochnyi finansovo-ekon in-t, 1960. 19 p.

[MICROFILM]

In the Statistical Section of the Moscow House of Scholars of the Academy of Sciences of the U. S. S. R. S. M. Vest. stat. no. 1:86 '62.

Interbranch balance and its use in planning. L. Berri, F. Klotsvorg, S. Shatalin. Plan. khoz. 39 no. 2:51-62 F '62.

Statistical problems discussed in newspapers and journals. Vest. stat. no. 1:77-78 '62.

Tasks of Soviet statistics in the light of the decisions of the 22d Congress of the CPSU. V. Starovskii Vest. stat. no. 1:3-15 '62.

Voropaeva, A. V., and E. I. Podkovshchikova. [Dynamic series; textbook] Dinamicheskie riady; uchebnoe posobie. Minsk, Izd-vo M-va vysshego, srednego spetsial'nogo i professional'nogo obrazovaniia BSSR, 1961. 22 p.

STATISTICS—BIBLIOGRAPHY see Bibliography—Statistics

STATISTICS—CONGRESSES

Statistics and economic work; conference of the "Ekonomicheskaia gazeta" in the "Business Club" E. Kudriavtsev. Vest. stat. no. 1:79-86 '62.

STAVROPOL—TANKS

Manufacture of chemical water purifying tanks with a capacity of 300 and 500 m^3 using a rolling method on the assembly site. IA V. Medvedkin Energ stroi no 20 125-127 '61

STAVROPOL TERRITORY—BORING

Predictions of oil and gas occurrences in Jurassic sediments and prospecting trends in Stavropol Territory and adjacent regions. IU. A Sterlenko Izv. vys ucheb. zav. neft' i gaz 4 no. 6:15-20 '61.

STEAM

Utilization of the heat emitted by the compressor operation for the production of distilled water. A. IA. Poltavets, G. F. Kolesnikov. Prom. energ. 16 no 6:10 Je '61.

STEAM BOILERS see Boilers

STEAM BOILERS, MARINE see Boilers, Marine

STEAM NAVIGATION

Main characteristics of the power plant of the steamer "Sergei Botkin." B. M. Levin. Inform. sbor. TSNIIMF no. 47. Tekh. ekspl. mor. flota no. 3:3-23 '60.

STEAM POWER PLANTS

Geothermal power sources (from "Energie," no. 5, 1960). L. G. Popov. Vest. elektroprom. 31 no. 10:76 O '60.

Problem concerning the economic effectiveness of the utilization of secondary power resources. L. E. Vaizel'. Prom. energ. 15 no 8:6-7 Ag '60.

STEAM TURBINES

"Regulating steam turbines" by L. M. Khil'chenko, A. N. Smolenskii. Reviewed by V. M. Remezov. Sred. spets. obr. 9 no. 1:58-60 Ja '62.

STEAM TURBINES—BLADES

Manufacture of turbine blades by rolling and welding. I. V. Gunin, A. A. Slin'ko Metallurg 7 no. 1 25 Ja '62.

STEAMPIPES

Heat transfer and resistance of a cluster of pipes with ribbon-type fins. S. N. Tulin, A. P. Salikov. Vest. elektroprom. 31 no. 10:33-36 O '60.

Practice in the operation of condensate collection and return systems in a coke chemical plant. L. I. Ivakhniuk. Prom. energ. 16 no. 6:29-30 Je '61.

/

637475 O - 62 - 16

STEAM PIPES—CORROSION

Study of the external corrosion of the pipes of a waste-heat boiler. N.G.Chen and others. Prom.energ. 15 no.8 30-34 Ag '60

STEARIC ACID

Synthesis and properties of arylstearic esters. M.G Rudenko and others. Khim.i tekh topl.i masel 6 no 12 7-11 D '61.

STEEL

(see also subdivision under Moldavia)

Anodic protection of steel in alkali media and the effect of dissolved iron on it. IA.D. Averbukh, A.A.Sharnin, K.G. Potaskuev. Izv.vys.ucheb.zav., khim.i khim.tekh. 4 no.4:584-588 '61.

Assortment of metals for preventative maintenance and repair of refrigerators. Khol.tekh. 38 no.3:76 My-Je '61.

Effect of cutting conditions on the surface hardening in machining steel 45 on lathes. IU.I.Babei, G.V.Karpenko, A.K.Litvin. Nauch.zap IMA AM URSR.Ser. mashinoved. 7 no 7 59-64 '61.

Interaction between an enamel melt and steel. IU.P. Nikitin, V.I.Ovchinnikova, N.S.Smirnov. Izv.vys. ucheb.zav.;khim.i khim.tekh. 4 no.4:651-656 '61.

Reproduction of metal resources in the U.S.S.R. L.Zusman. Plan.khoz. 39 no.2:27-37 F '62.

STEEL—CORROSION

Corrosion inhibitors of carbon steel in carbon tetrachloride. V.M Chistiakov, S.A.Balezin. Zhur. prikl.khim. 34 no 11,2460-2466 N '61.

Effect of fouling caused by macroscopic organisms on the corrosion of steel in the Black Sea. K S Arbuzova. Trudy Inst.okean. 49:266-273 '61.

Effect of the bivalvular mollusk Mytilus galloprovinciales L. on the corrosion of steel. I.B. Ulanovskii and others. Trudy Inst.okean. 49: 242-247 '61.

Role of sulfate-reducing bacteria on the corrosion of low-alloy and stainless steel in sea water. L.A. Rozenberg. Trudy Inst.okean. 49:258-265 '61.

Use of sodium nitrite as a steel corrosion inhibitor in the atmosphere of moist air containing sulfur dioxide. A.I. Kinevskii, N.D. Mazover. Zhur.prikl.khim. 34 no.12:2705-2711 D '61

STEEL—ELECTROMETALLURGY

Basic trends in the expansion of grade steel metallurgy in the U.S.S.R., in the near future. N.M.Chuiko. Izv. vys.ucheb.zav.; chern.met. 4 no.12:50-53 '61.

STEEL—FATIGUE

Effect of high-speed and heavy-feed machining and technological inherence on the fatigue resistance of steel. IU.I.Babei, G.V.Karpenko. Nauch.zap.IMA AN URSR.Ser.mashinoved. 7 no.7-41-58 '61.

Effect of machining on the fatigue resistance of steel after its preliminary corrosion under atmospheric conditions. IU.I.Babei, G.V.Karpenko. Nauch.zap. IMA AN URSR.Ser.mashinoved 7 no.7-65-71 '61

STEEL—HARDENING

Automatic machine for hardening with high-frequency current. M.A. Umanskii. Mashinostroitel' no.1-12 Ja '62.

Effect of the deformation of undercooled austenite on the properties of hardened steels. L.I.Kogan, R.I.Entin. Metalloved.i term.obr.met. no.1:3-9 Ja '62.

STEEL—HEAT TREATMENT

Effect of heat treatment and the chemical composition of steel on the fatigue strength of railroad axles. IU.V Grdina, D.I.Tarasko, V.S.Kaigorodtsev. Izv.vys. ucheb.zav., chern.met. 4 no.12-144-148 '61.

STEEL—HYDROGEN CONTENT

Concerning S.M.Belogiazov's article. IU.A.Kliachko. Zab.lab. 27 no.12:1469 '61.

Determination of hydrogen in steel by the anodic dissolution method. S.M.Belogiazov. Zav.lab. 27 no.12: 1468-1469 '61.

STEEL—METALLOGRAPHY

Dependence of the mechanical properties of eutectoid steel on the structural state of pearlite. K.I.Tushinskaia, L.I.Tushinskii. Izv.vys.ucheb.zav., chern. met. 4 no.12:130-134 '61.

Effect of carbide transformations on changes in the structure and properties of cold-worked and hardened carbon steel during tempering. B.A.Apaev, IU.A.Sysuev, L.M.Balakina. Izv.vys.ucheb.zav., chern.met. 4 no.12:117-125 '61.

Effect of microstructure on the quality of electropolished surfaces. S.M.Tiranskaia. Izv.vys.ucheb.zav.; chern.met. 4 no.12:135-143 '61.

Electron microscopy in the study of nonmetallic inclusions in steel. A.V.Smirnova, G.A.Kokorin. Zav.lab. 27 no.12:1502-1504 '61.

Ultrasonic dispersing of powdery objects for electron microscope studies. IU.S.Bulankin. Zav.lab. 27 no.12:1501-1502 '61.

STEEL—METALLURGY

(see also subdivision under Canada)

Making high-strength steel in large-capacity furnaces. A.I. Moiseenko, P.G Terzian, N G Komov Metallurg 7 no.1 19-21 Ja '62

Volnov, S.G., and others. [Steel refining in the ladle by means of liquid synthetic slag] Rafinirovanie stali v kovshe zhidkim sinteticheskim shlakom. Moskva, Gos. nauchno-tekhn.izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 110 p.

STEEL—TESTING

Determining the toughness of rolled taper specimen. F.V.Vdovin, N S. Pishchik, A I Kovalevskii Biul. nauch -inform. VNIITI no 4/5 183-186 '58.

Effect of the gradient of stresses on the resistance to rupture in brittle failure I.V.Navrotskii, IU.S.Tomenko. Zav.lab. 27 no.12 1520-1522 '61

Fractographic method of controlling the impact strength of steel. Z.N Krasil'shchikov, E.N.Shvach. Zav.lab. 27 no.12:1505-1506 '61.

Impact endurance tests. E.A.Silkin, A.F.Zasova. Zav. lab. 27 no.12:1514-1519 '61.

Methods and equipment for nondamaging testing of electrical steel. R.I.IAnus, IU A Vdovin. Izm tekh. no.12-37-40 D '61

Possible simplification of methods for determining the components of impact strength. A.S.Rakhmanov, L.S Livshits. Zav.lab. 27 no.12-1510-1513 '61.

Quantity of carbide bound titanium, grain magnitude and intercrystalline corrosion of steel 1Kh18N9T. V.F. Mal'tsev. Biul.nauch.-tekh.inform VNIITI no.4/5,177-182 '58.

STEEL, STAINLESS—CORROSION

The cirriped Balanus improvisus Darwin as a factor causing corrosion of stainless steel. I B. Ulanovskii and others. Trudy Inst.okean. 49:235-241 '61.

Effect of bacteria on the corrosion of stainless steel. L.A. Rozenberg, IU.M. Korovin, I.B. Ulanovskii. Trudy Inst.okean. 49:248-257 '61.

Repassivation of stainless steel due to the electrolytic polishing of pipes. N.V.Bogoiavlenskaia. Biul.nauch.-tekh.inform.VNIITI no.4/5.161-164 '58.

STEEL, STAINLESS—METALLOGRAPHY

Distribution of the α-phase in the fatigue fracture of 1Kh18N9T stainless steel Izv.vys.ucheb.zav., chern. met. 4 no.12-114-116 '61.

STEEL, STAINLESS—TESTING

Improved method for preparing and etching specimen cuts made of austenite stainless steels. V.M.IAnkovskii, E.P.Akimova. Biul.nauch.-tekh.inform VNIITI no.4/5:173-177 '58.

STEEL, STAINLESS—WELDING

Materials for the welding of new stainless and acid-resistant steels with a low nickel content N I.Kakhovskii, K. A. IUshchenko, V. G Fartushnyi. Avtom. svar 15 no.2:89-90 F '62.

STEEL, STRUCTURAL—TESTING

Changes in the chemical composition of wheel steel in the practice of the manufacture of railroad-car wheels. M.IU.Shifrin. Biul.nauch.-tekh.inform.VNIITI no.4/5: 199-203 '58.

STEEL, STRUCTURAL—WELDING

Data on the mechanical properties of the weld metal in electric slag welding of carbon and low-alloy structural steels. S A. Ostrovskaia. Avtom.svar. 15 no 2.1-10 F '62.

STEEL ALLOYS—HEAT TREATMENT

Strengthening 30KhNMA and 30KhGSNA steels. S, I, Sakhin, O, G, Sokolov. Metalloved i term, obr. met. no. 1: 14-19 Ja '62.

STEEL ALLOYS—METALLOGRAPHY

Investigating high-strength steels prepared by deformation and hardening. L, I, Mirkin. Metalloved, i term. obr met. no, 1:9-14 Ja '62

STEEL ALLOYS—METALLURGY

Use of exothermic three-component ferroalloys as addition elements in 14KhGS steel. B.S.Konovalov and others. Izv.vys.ucheb.zav., chern.met. 4 no.12, 46-49 '61.

STEEL ALLOYS—WELDING

Developing a technology of electric slag welding of 17GKh3MFA steel. T. M. Slutskaia, IU. IA Kovalev. Avtom. svar. 15 no. 2:44-48 F '62

STEEL CASTINGS

Desnitskii, V.P. [Making alloyed steel castings for the manufactured of heavy electric machinery] Proizvodstvo legirovannykh stal'nykh otlivok dlia energomashinostroeniia. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 196 p.

STEEL INDUSTRY

(see also subdivision under Dnepropetrovsk Province, Georgia; Indonesia; Nizhniy Tagil; Ukraine; United States)

Peshkin, I.S. [Soviet metallurgists surpass the American ones; from the creative practice of workers and specialists of pyrometallurgy] Sovetskie metallurgi obgoniaiut amerikanskikh; iz tvorcheskogo opyta rabochikh-masterov ognevogo truda. [Moskva] Izd-vo VTsSPS Profizdat, 1961. 188 p. (Massovaia biblioteka rabochego)

Ways to increase the production of steel to 250 million tons a year. A.Leskov. Plan.khoz. 39 no.2:17-27 F '62.

STEEL INDUSTRY—STATISTICS

Indices of the volume of industrial production in ferrous metallurgy. A.E. Zholkevich. Och.po sovr.sov.i zarub. ekon. no.1:100-123 '60.

STEEL INGOTS

Konferentsiia po fiziko-khimicheskim osnovam proizvodstva stali. 5th Moscow, 1959. [Ingots and the properties of steel] Slitok i svoistva stali, trudy. Moskva, Izd-vo Akad.nauk SSSR, 1961. 177 p.

STEEL INGOTS—DEFECTS

Formation of oxide inclusions in steel deoxidized by aluminum P.M.Danilov. Izv.vys.ucheb.zav., chern. met. 4 no.12:51-60 '61.

STEEL PIPE see Pipe, Steel

STEELWORKS—TECHNOLOGICAL INNOVATIONS

Principles of our life. D. Smolianenko. NTO 3 no.12: 31-32 D '61

STEL'MAKH, MYKHAILO PANASOVYCH, 1912-

An inspired talent. I. Zub. Nauka i zhyttia 11 no.10: 10-41 O '61.

STEPPE FLORA see subdivision under Don Valley; Kazakhstan

STEREOCHEMISTRY

Stereochemistry of cyclic compounds. Report No.47. Some laws governing the oxidation of cis-syn-7-methoxy-1,2,3,9,10,10a-hexahydrophenanthrene-1,2-dicarboxylic acid and its dimethyl ester with peracetic acid. V.M.Andreev, L.K.Lysanchuk, V.F.Kucherov Izv AN SSSR.Otd.khim nauk no 1:90-96 Ja '62.

Stereochemistry of cyclic compounds. Report No.48: Oxidation of anhydride of cis-syn-7-methoxy-1,2,3,9, 10,10a-hexahydrophenanthrene-1,2-dicarboxylic acid with peracetic acid, and chemical transformations of products obtained. V.F.Kucherov, L.K.Lysanchuk, V.M.Andreev. Izv.AN SSSR.Otd.khim nauk. no.1:96-106 Ja '62.

Stereochemistry of cyclic compounds. Report No.49: Oxidation of cis-syn-Δ^7-hydrindine-4,5-dicarboxylic acid and the synthesis of isomeric trans-hydrindane-4,5-dicarboxylic acids V.F Kucherov, E.P.Serebriakov, A V.Useva. Izv.AN SSSR.Otd khim.nauk no.1: 106-112 Ja '62.

STERILITY

Rozovskii, I.S. [Diagnosis of sterility] Diagnostika besplodiia. Moskva, Medgiz, 1961. 150 p. (Biblioteka prakticheskogo vrachа)
(DNLM)

STERILITY IN PLANTS

Cytoplasmic male sterility in corn [with summary in English]. V. G. Smirnov. Issl. po gen. no. 1 65-78 '61.

STEROIDS

Some characteristics of intravenous steroid anesthesia. T. G. Ershova. Vest. khir. no. 5:94-99 '61.

STIKHIN, EVGENII

His heroes are contemporaries. O. Stepanov. Sov. muz. 26 no. 1-21-24 Ja '62.

STILLBIRTH

Causes and prevention of stillbirth from the current point of view. S. M. Bekker. Vop. okh. mat. i det. 6 no. 8:56-62 Ag '61.

STIMULANTS

Rhaponticum carthamoides (DC)Iljin as a valuable medicinal plant. V. S. Sokolov, A. A. Nikitin, Al. A. Fedorov. Trudy Bot. inst. Ser. 5 no. 9. 347-363 '61

STOCK AND STOCKBREEDING

(see also subdivision under Kazakhstan; Tashkent Province; Uzbekistan; Voronezh Province)

Baburitsian, A.A. [New method for increasing livestock productivity] Novyi metod povysheniia produktivnosti skota. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 150 p.
(DA)

Herds above the clouds. V. Vladimirov. IUn. nat. no. 12: 16-18 D '61.

[illegible] K.P. [Physiology of [illegible] Fiziologiia [illegible], E.N. [illegible] shkoln."

STOCK AND STOCKBREEDING—DISEASES AND PESTS

Kuz'min, V. V. [How to increase the resistance of farm animals to infectious diseases] Kak povysit' ustoichivost' sel'skokhozlaistvennykh zhivotnykh k zaraznym zabolevaniiam. Leningrad, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 113 p. (DA)

STOCK CONTROL see Inventories

STOMACH

Age-related changes in the intraorganic lymphatic system of the stomach in white rats [with summary in English]. L. I. Rassokhina-Volkova Arkh.anat gist. i embr 41 no. 9:50-59 S '61.

STOMACH—CANCER

Analysis of causes of mistakes in the X-ray diagnosis of gastric cancer and ulcer [with summary in English]. N. N. Braitseva. Sov. med. 25 no 9:28-33 S '61.

Antigens from cancerous tumors of the stomach in man [with summary in English]. R. B. Gragerova. Vop. onk. 7 no. 5:53-59 '61.

Cancer of the gastric stump after a resection because of peptic ulcer. S. IA. Marmorshtein, A. I. Shnirel'man. Vop. onk. 7 no. 5:30-34 '61.

Cell strain of human stomach cancer in vitro [with summary in English]. IA. V. Dobrynin, R. P. Dirlugian. Vop. onk. 7 no. 5:47-53 '61.

Diagnosis of cancer of the stomach using the cytological method of study. L. A. Shevchenko. Terap arkh. 33 no. 8, 45-49 '61.

Effectiveness of medical aid and dispensary treatment of patients with cancer of the stomach and "precancerous" diseases. A. A. Epshtein. Vest. khir. no. 7:24-29 '61

Gastrectomy in cancer of the stomach [with summary in English]. I. M. Popov'ian, L. A. Frankfurt Vest. khir. no. 7, 54-60 '61.

Gastrotomy as the concluding measure in the diagnosis of early stages of cancer of the stomach. O. I. Biber. Vest khir. no. 7:43-47 '61.

Immediate and late results of surgical treatment of stomach cancer. T. A. Kunitsyna, I. I. Olina, E. V. Sidel'nikova. Vop. onk. 7 no. 12:76-83 '61.

Immediate and late results of surgical treatment of stomach cancer. T. N. Mikhireva. Vop. onk. 7 no. 12: 74-77 '61.

Late results following gastric resection in cancer. V. D. Vartanian. Sov. med. 25 no. 8:108-111 Ag '61

Late results of surgery in stomach cancer [with summary in English]. I. A. Ageenko, R. M. Grigorian. Sov. med. 25 no. 8:104-107 Ag '61.

Ligation of the internal thoracic arteries in a patient with stenocardia and stomach cancer. S. T. Zakhar'ian. Vest. khir. no. 6:107-108 '61.

Radical operations in cancer of the stomach with direct anastomosis of the stomach and esophagus with the duodenum. I. K. Svinkin. Vest. khir. no. 7:46-53 '61.

Repeated resections of the stomach in cancer of the stump. V. M. Efetov. Vop. onk. 7 no. 5:96-102 '61.

Resections of the liver in operations for cancer of the stomach. E. K. Seleznev. Vest. khir. no. 7:71-75 '61.

Some problems in esophageal and gastric surgery in cancer. N. I. Krakovskii, B. E. Peterson. Sov. med. 25 no. 8:147-149 Ag '61.

Total gastrectomy in cancer of the stomach. E. A. TSel'. Vop. onk. 7 no. 5:21-29 '61.

STOMACH—DISEASES

Case of torsion of the stomach. B. I. Belousov. Vest. khir. no. 7:121-122 '61.

Condition of the taste analyzer in some stomach diseases [with summary in English]. A. N. Domchanko Sov. med. 25 no. 9:52-55 S '61.

Diagnostic significance of determining uropepsin in the urine in chronic gastritis. V. A. Timakov. Sov. med. 25 no. 9:105-107 S '61.

Diseases appearing after gastric resection. S. I. Kotomina. Terap. arkh. 33 no. 10:50-55 '61.

Gastroscopy in the diagnosis of chronic gastritis, peptic ulcer and polypous gastric disease. E. D. Abdullaeva. Azerb. med. zhur. no. 7:62-70 Jl '61.

Role of radon radiations and the products of its decomposition in bringing about the therapeutic action of radon baths in functional and inflammatory diseases of the stomach. R. L. Blokh. Med. rad. no. 9:48-53 '61.

Study of the acid-forming function of the stomach in disease [with summary in English]. V. A. Valuk. Terap arkh. 33 no. 8:37-45 '61.

Treatment of chronic gastritis and peptic ulcer with Saki mineral water. S. I. Sushko, M. A. Gressel'. Voen.-med. zhur. no. 7:81 Jl '61.

Utilization of the greater omentum in treatment of phlegmon of the anterior wall of the stomach. M. A. Kozlov. Vest. khir. no. 5:142-143 '61.

STOMACH—FOREIGN BODIES

Dental prosthesis in the stomach. N. F. Dolgova. Terap. arkh. 33 no. 8:104-105 '61.

STOMACH—INFLAMMATION

Changes in the secretory and excretory functions of the stomach in gastritis using various mineral waters of Abkhazia. A. L. Grigolia, N. V. Mgeladze, T. K. Dzidzava Vop kur., fizioter. i lech fiz kul't. 26 no. 6 491-495 N-D '61.

Effect of Sirab mineral waters on the reactivity of the taste receptors of the tongue in chronic gastritis M. S. Kasimov, F. M. Efendieva. Vop kur., fizioter. i lech. fiz kul't. 26 no. 6:495-498 N-D '61.

Gastroscopic picture in chronic gastritis [with summary in English]. P. A. Kanishchev. Sov med. no 10:38-42 O '61.

Practical classification of chronic gastritis [with summary in English] P. I. Shilov. Terap. arkh 33 no 8:33-37 '61

State of the cardiovascular system in patients with chronic gastritis and peptic ulcer [with summary in English]. A. D. Dzhalalov, A. N. Garanian. Med. zhur. Uzb no 8 89-92 Ag '61.

Treating chronic gastritis with mineral water from a saline-iodine-bromide spring at Goryachiy Klyuch Health Resort. O. V. Krutovskaia. Vop. kur., fizioter. i lech. fiz. kul't. 24 no. 6:525-530 N-D '59

Use of dioquine in gastric ulcer and gastritis. V. M. Podzolkova. Khim. i med. no. 15:117-119 '60.

STOMACH—INNERVATION

Effect of aminazine on the formation of interoceptive exchange reflexes from the stomach; preliminary communication. L. I. Belen'kii. Trudy Sekt. fiziol. AN Azerb. SSR 4:103-110 '60.

Effect of the stimulation of gastric receptors on the permeability of the skin [in Azerbaijani with summary in Russian] A. G. Tagieva. Trudy Sekt. fiziol AN Azerb. SSR 4:63-71 '60.

STOMACH—MOTILITY see Gastrointestinal motility

STOMACH—RADIOGRAPHY

Analysis of causes of mistakes in the X-ray diagnosis of gastric cancer and ulcer [with summary in English]. N. N. Braitseva. Sov. med. 25 no. 9:28-33 S '61.

Integral absorption dose in the gonadal region during X-ray examinations of the stomach and lungs [with summary in English]. B. M. Aliev. Med. rad. no 1: 53-62 '62.

Principles of roentgenocinematography and the possibility for its use in the examination of the esophagus and stomach. L. M. Gol'dshtein and others. Vop. onk. 7 no. 12: 31-37 '61.

STOMACH—SECRETIONS

Clinical evaluation of probeless determination of gastric secretion A. V. Ternavskii, A. F. Krinitskii, G. G. Lapina. Vrach. delo no. 6 42-45 Je '61.

Effect of Semigor'ye mineral water on gastric secretion in dogs. P. G. Storozhuk. Vop. kur., fizioter. i lech. fiz. kul't. 26 no. 6:498-503 N-D '61.

Influence of infusions of red pepper and mustard on the reflex phase of gastric secretion. O. B. Sobieva and others. Fiziol. zhur. 47 no. 6:758-763 Je '61.

Influence of protein hydrolysates on gastric secretion. L. V. Andreev. Fiziol. zhur. 47 no. 6:764-773 Je '61.

Role of the sympathetic nervous system in changes in gastric secretion under conditions of high external temperatures and exposure to sunshine [with summary in English]. G. F. Korotko. Med. zhur. Uzb no. 8: 74-80 Ag '61.

Secretory activity of the abomasum and pancreas and bile secretions in sheep. D. K. Kulmov. Fiziol. zhur. 47 no. 10:1314-1318 O '61.

STOMACH—SURGERY

Cancer of the gastric stump after a resection because of peptic ulcer. S. IA. Marmorshtein, A. I. Shnirel'man. Vop. onk. 7 no. 5:30-34 '61.

Case of necrosis of large segments of the liver parenchyma following gastric resection. B. V. Smirnov Sov. med. 25 no. 9:134-135 S '61.

Diseases appearing after gastric resection. S. I. Kotomina. Terap. arkh. 33 no. 10 50-55 '61.

Effect of gastrectomy on carbohydrate metabolism. I. D. Kolomina. Vest. khir no. 7:65-71 '61.

Extended transabdominal left-sided approach to operations on the cardia and esophagus. L. I. Kraitser, O. A. Naiycheva. Vest. khir. no. 7:84-87 '61

Gastrectomy in cancer of the stomach [with summary in English]. I. M. Popov'ian, L. A. Frankfurt. Vest khir. no. 7:54-60 '61.

Gastrotomy as the concluding measure in the diagnosis of early stages of cancer of the stomach. O. I. Biber. Vest. khir. no. 7:43-47 '61.

Immediate and late results after gastrectomy and combined resections of the stomach [with summary in English]. A. S. Al'tshul'. Vest. khir. no. 7:60-65 '61.

Immediate and late results of surgical treatment of stomach cancer. T. A. Kunitsyna, I. I. Olina, E. V. Sidel'nikova. Vop. onk. 7 no. 12:76-83 '61.

Immediate and late results of surgical treatment of stomach cancer. T. N. Mikhireva. Vop. onk. 7 no. 12: 74-77 '61.

Inadequacy of suture of the duodenal stump and gastric resection for the exclusion of ulcer. N. A. Telkov. Sov. med. 25 no. 9:112-115 S '61.

Radical operations in cancer of the stomach with direct anastomosis of the stomach and esophagus with the duodenum. I. K. Svinkin. Vest. khir no 7:46-53 '61

Repeated resections of the stomach in cancer of the stump. V. M. Efetov. Vop. onk. 7 no. 5:96-102 '61.

Resection of the stomach in situs inversus viscerum. N. A. Telkov. Vest khir no. 7:122-123 '61

Total gastrectomy in cancer of the stomach. E. A. TSel'. Vop. onk. 7 no. 5:21-29 '61.

Treatment of duodenal fistulae after resection of the stomach. IA. D Dmitruk, N. T. Terekhov. Sov med. 25 no. 10,112-114 O '61.

Use of neuroplegic substances in gastric resection under local anesthesia [with summary in English]. I. S. Poleshchuk. Sov. med. 25 no. 8:44-47 Ag '61

X-ray data on the motor and evacuatory function of the gall bladder in patients following a stomach resection E. Z. Poliak Terap. arkh 33 no. 8:77-81 '61.

STOMACH—TUMORS

Case of lipoma of the stomach. P. M. Shorlutan. Vest. khir. no. 7, 118-120 '61.

Gastroscopy as a supplementary method of study of the stomach in an oncological clinic. M. A. Dantlin. Vop. onk. 7 no. 5:91-96 '61.

Nonepithelial tumors of the stomach [with summary in English]. G. M. Galaiko. Vest. khir no. 7:36-43 '61.

Stomach cyst of large dimensions. E. P. Bil'zens. Vest. khir no. 7:120-121 '61.

STOMACH—ULCERS

Use of dioquine in gastric ulcer and gastritis. V. M. Podzolkova. Khim. i med. no. 15:117-119 '60.

STOMATOLOGY

Role of nervous reception in the clinical aspects of orthopedic stomatology. I. S Rubinov. Trudy LSGMI 63:7-18 '60.

Some data on the use of fibrin film in stomatology. M. Z. Shkol'nikov. Stomatologiia 39 no. 6:67 N-D '60.

Use in stomatology of new synthetic antimicrobic preparations. M. N. Rotmistrov and others. Stomatologiia 39 no. 6:22-26 N-D '60.

Work of the physiotherapy room in a stomatology department. T. K. Krasova. Stomatologiia 39 no. 6:60 N-D '60.

STOMATOLOGY—BIBLIOGRAPHY see Bibliography—Stomatology

STOMATOLOGY—CONGRESSES

Sixth Irkutsk Province Conference of Stomatologists and Dental Physicians. M. M. TSarinskii. Stomatologiia 39 no. 6:72-74 N-D '60.

Stomatological Conference in Orel. B. S. Narbut. Stomatologiia 39 no. 6:74 N-D '60.

STONE see subdivision under Novosibirsk Province

STONE, BUILDING see Building stones

STONE, CRUSHED

Efficient degree of breaking of rock by blasting and a determination of the most economical finished fraction size. B. N. Kutuzov. Vzryv. rab. no. 4:82-90 '60.

STONE AGE
(see also subdivision under Fergana; Kama Valley; Odessa region; Volga Valley)

Origin of the abrading technique and its significance in the ancient economy. S. A. Semenov. Krat. soob. Inst. arkheol. no. 86:3-10 '61.

Use of wood in the Neolithic period. V. E. Vikhrov. Sbor. bot. rab. Bel. otd. VBO no. 2:20-31 '60.

Zamiatnin, S. N. [Outline of the Paleolithic] Ocherki po paleolitu. Podgotovleno k pechati M. Z. Panichkinoi. Moskva, Izd-vo Akad. nauk SSSR, 1961. 175 p.

STONY TUNGUSKA VALLEY see Podkamennaya Tunguska Valley

STOPING (MINING)
(see also subdivision under Donets Basin; Kuznetsk Basin; Tula Basin)

Automatic feed drilling rigs for stoping. V. Sh. Sharipov. Vzryv. delo no. 46/3:239-251 '61.

Optimum height of a level and the expediency of using subdrifts in shrinkage stoping. D. I. Rafienko. Nauch. soob. Inst. gor. dela 7:22-28 '61.

Method of measuring the shift of a coal massif to the side of the mined area. A. I. Beron, E. Z. Pozin. Nauch. soob. Inst. gor. dela 4:34-41 '60.

Reducing stoping labor in working vein deposits. M. I. Agoshkov, A. F. Nazarchik. Nauch. soob. Inst. gor. dela 5:3-11 '60.

STORAGE see Cold storage

STORAGE BATTERIES

ChM foam-producing agent and its effect on the formation of lead plates of a storage battery. A I.Levin, V.F.Lazarev. Zhur.prikl.khim. 35 no.1 123-127 Ja '62

Possibility of reducing the growth of zinc dendrites in nickel-zinc and silver-zinc cells. V. V. Romanov. Zhur. prikl. khim. 34 no.12 2692-2699 D '61.

STORE FIXTURES

Exhibition of progressive forms of trade. L.Ronin. Sov. torg. 35 no.1:50-51 Ja '62.

New device of F. I. Podymov. I. Zotolarevskii. Sov. torg. 35 no. 2:51-52 F '62.

STORES, RETAIL

Manufactured goods stores. E. Ryzhikova, A. Leshchinskii Sov. torg. 35 no. 1:58-59 Ja '62

STOVES

Dzikan, V. A. [Stove and hot-water heating] Pechnoe i vodianoe otoplenie. [Moskva] Mosk. rabochii, 1961. 130 p.

STRABISMUS

Experimental strabismus in monkeys. A. N. Dobromyslov. Fiziol. zhur. 47 no. 10,1260-1266 O '61.

STRAIN GAUGES

Methods for the pasting-on and sealing of strain gauges. N. G. Mikhailovskii Izm. tekh. no 12 31 D '61.

Using strain-gauge method in determining specific pressures caused by piercing. I. T. Zherdev and others. Biul. nauch.-tekh. inform. VNITI no. 4/5:31-38 '58.

STRAINS AND STRESSES

Accumulation of residual deformations in the ballast cross section on a track with reinforced concrete ties. V. F. Fedulov. Trudy TSNII MPS no. 217 107-115 '61.

Aging of rubbers under stress. L. I. Liubchanskaia, L. S. Fel'dshtein, A. S. Kuz'minskii Kauch i rez. 21 no 1: 23-29 Ja '62.

Calculating the deformation of frames in the case of linearly varying longitudinal stresses. A A. Derkachev. Izv. Otd. geol.-khim. i tekh. nauk AN Tadzh. SSR no. 1: 19-22 '60.

Comparison analysis of the extension strain of rayon staple fiber and cotton E. S. Fridburg. Izv. vys. ucheb zav. tekh. tekst. prom. no. 6:22-24 '61.

Determining the side pressure exerted by cars on the track on curves O P Ershkov. Vest TSNII MPS 20 no 8 54-58 '61

Dynamic interaction of a ramming plate with the soil compacted by it [with summary in English] B. I. Didukh. Inzh.-fiz. zhur 5 no. 2:58-63 F '62.

Effect of stress concentration on the durability of B95 aluminum alloy. N. A. Borodin. Trudy MATI no. 51,74-84 '61.

Effect of tangential stresses in metals on pressure due to plastic deformation between parallel dies. A. A Korolev Izv vys. ucheb zav., mashinostr no 8, 147-162 '61

Elastic and residual deformations of the track in connection with the various methods, areas and degrees of tamping of the ballast cross section. V. A. Aleshin, N. I. Puzanova. Trudy TSNII MPS no. 217:56-70 '61.

Nature and characteristics of the development of shelling and transverse cracking on rail head sides. L. M Shkol'nik. Trudy TSNII MPS no. 220:32-48 '61.

Radial distribution of stresses in a wedge and a semiplane with a variable modulus of elasticity. S. G. Lekhnitskii. Prikl mat. i mekh. 26 no. 1:146-151 Ja-F '62.

Stressed state in the vicinity of a point defect in a plate with a crack. M. IA. Leonov, L. L. Libatskii. Nauch. zap. IMA AN URSR. Ser. mashinoved 7 no. 7:10-15 '61.

Stressed state of a solid body having a circular crack and point defect (vacancy). M. IA. Leonov, V. V. Panasiuk. Nauch. zap. IMA AN URSR. Ser mashinoved. 7 no. 7 5-9 '61.

Study of strains and deformations of rocks in straight cutting A. I. Beron, A. S. Kazanskii. Nauch. soob. Inst. gor. dela 5:57-63 '60.

Temperature strains and stresses in reinforced concrete due to the difference between the thermophysical properties of steel and concrete [with summary in English] A. M. Podval'nyi. Inzh.-fiz. zhur. 5 no. 2:113-116 F '62.

Using models to study the distribution of strains in a block of untouched ore with weak interlayers in the YAkovlevo deposit (Kursk Magnetic Anomaly). V. F. Trumbachev, E. M. Mel'nikov. Nauch. soob. Inst. gor. dela 5:50-56 '60.

Using Sachs' method of determining internal stresses in pressed joints. M. M. Kobrin, L. I. Dekhtiar'. Zav. lab. 27 no. 12:1523-1527 '61.

Using the optical method to determine contact strains under a spherical punch. A. S. Grishin. Trudy VNIIBT no. 3:42-47 '61.

STRATIGRAPHIC PALEONTOLOGY see Paleontology, Stratigraphic

STRAUSS, FRANZ JOSEF

The magazine "Der Spiegel" unmasks Strauss. M Voslenskii. Nov. vrem. 20 no 8:22 F '62.

STRAW

Concerning the calculation of the load diagram of hay-straw presses. L. E. Kovalev. Trudy CHIMESKH no. 12 132-141 '61.

STRAWBERRIES

(see also subdivision under Karaganda, Karaganda Province)

Sex genetics in garden strawberries (Fragaria elatior Ehrh.) [with summary in English]. T. S. Fadeeva. Issl po gen. no 1 92-105 '61.

STRAWBERRY BREEDING

Study of heterosis in strawberry hybrids during early developmental stages [with summary in English]. T S Fadeeva, G A Kirillova. Issl po gen no. 1 147-160 '61

STRAZHESKO, NIKOLAI DMITRIEVICH, 1876-1952

Academician N. D. Strazhesko and his school; on the 85th anniversary of his birth. A. L. Mikhnev, K. F. Duplenko Vrach. delo no. 12:13-16 D '61.

STREAM CROSSING, MILITARY

Construction of a combination bridge with a floating section from the pool of an infantry-support tank unit. V. Zial'kov. Voen. vest. 41 no 7-97-98 Jl '61.

STREET LIGHTING

Street lighting abroad. N. V. Volotskoi Svetotekhnika 8 no. 2,26-28 F '62.

STREET TRAFFIC see City traffic

STREETCARS see subdivision under Tiflis

STRENGTH OF MATERIALS

Carrying capacity of parts under repeated static loading R M. Shneiderovich. Vest. mash. 42 no. 1:17-25 Ja '62.

Moscow. TSentral'nyi nauchno-issledovatel'skii institut tekhnologii i mashinostroeniia. [Investigating the strength of materials used for the manufacture of turbine blades] Issledovanie prochnosti materialov lopatok turbin. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroitel'noi lit-ry, 1961. 165 p. (Trudy, vol. 103)

Ruditsyn, M. N., P. IA. Artemov, and M. I. Liuboshits. [Reference manual on the strength of materials] Spravochnoe posobie po soprotivleniiu materialov. Pod obshchei red. M. N. Ruditsyna 2. ispr. izd. Minsk, Gos. izd-vo BSSR, Red. nauchno-tekhn. lit-ry, 1961. 515 p

Strength of analysis under nonstationary variable stresses. S. V. Serensen, L. A Kozlov. Vest. mash 42 no. 1: 11-17 Ja '62.

STRENGTH OF MATERIALS—STUDY AND TEACHING

Russia (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. [Program of the course "Strength of materials" for departments of mechanical engineering in technical institutes] Programma kursa "Soprotivlenie materialov" dlia mashinostroitel'nykh i mekhanicheskikh spetsial'nostei vysshikh tekhnicheskikh uchebnykh zavedenii. [Moskva, Izd-vo "Vysshaia shkola," 1959] 15 p. [MICROFILM]

STREPETOVA, POLINA ANTIP'EVA, 1850-1903

"Thanks for the truth; a tale on P. A. Strepetova, Russian tragic actress" by L. Bat'. Reviewed by O. Grudtsova. Teatr 23 no. 1:167-168 Ja '62.

STREPTOMYCIN

Calcium pantothenate in the clinical aspects of tuberculosis in the presence of side effects of streptomycin [with summary in English]. E. S. Stepanian, B. IA. Stukalova. Sov. med. 25 no. 8:90-94 S '61.

Reparative processes in the lungs in primary tuberculosis in children treated with antibacterial preparations. A. N. Nikitova. Pediatriia 40 no. 12:3-8 D '61.

Study of transformational activity in streptomycin resistance in pathogenic microbes [with summary in English]. P. P. Sakharov and others. Biul. eksp. biol. i med. 52 no. 10 80-84 O '61.

Treatment of tuberculosis with massive doses of isoniazid in combation with streptomycin or paraaminosalicylic acid [with summary in French]. Glaros. Probl. tub. no. 5:23-25 '61.

STRESS (PHYSIOLOGY)

Concepts of Selye (stress, general adaptation syndrome, adaptation disease), a survey. A. A. Shtein. Vest. derm. i ven. 35 no. 12:22-29 D '61.

Effect of the functional state of the higher sections of the central nervous system on the reaction of the adrenal glands under "stress." I. D. Gervazieva. Vrach. delo no. 12:145-146 D '61.

"Paradoxical" changes in the electrocardiogram during physical load tests [with summary in English]. E. L. Kilinskii. Sov med. 25 no. 7:49-53 Jl '61.

Stress during muscular exercise and the condition of nonspecifically increased resistance of the body. N. V. Zimkin. Fiziol. zhur. 47 no. 6:741-751 Je '61.

STRIKES AND LOCKOUTS see subdivision under Bulgaria, France

STRING QUARTET see subdivision under Moscow

STRIP MINING

(see also subdivision under United States)

Baron, L. I., and V. I. Tikhomirova. [Statistical analysis of indices of large-scale blasts of vertical borehole charges in open-pit mines] Opyt statisticheskogo analiza pokazatelei massovykh vzryvov vertikal'nykh skvazhinnykh zariadov v kar'erakh Moskva, M-vo stroit. RSFSR, 1959. 33 p [MICROFILM]

Determination of the basic parameters of the operation of wheeled scrapers in digging pits. A. N. Turenko. Nauch. zap. Ukrniiproekta no. 2:130-132 '60.

Rodionov, L. E. [Open-pit mining of mineral deposits] Otkrytaia razrabotka mestorozhdenii poleznykh iskopaemykh Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 204 p.

Setting the norms of electric power consumption in open-pit mining. G. K. TSverava. Prom. energ. 16 no 6: 2-4 Je '61.

Stability of the rims of deep pits. IU. N. Maliushitskii. Nauch. zap. Ukrniiproekta no. 2:19-30 '60.

Technical and economic analysis of waste dump formation with plows. N. N. Kukharchuk. Nauch. zap. Ukrniiproekta no. 2 110-129 '60.

STRIP MINING—TECHNOLOGICAL INNOVATIONS see subdivision under Uzbekistan

STROBOSCOPE

Electronic stroboscope using a pulse tube. E. Zel'din. Radio no. 2 41-42 F '62.

STROMATOLITES see subdivision under Gissar Range

STRONTIUM—ISOTOPES

Kraevskii, N. A., ed. [Influence of radioactive strontium on the animal organism] Vliianie radioaktivnogo stronttsiia na zhivotnyi organizm. Moskva, Medgiz, 1961. 199 p. [MICROFILM]

New rapid method for determining the content of Sr^{90} in the bones [with summary in English]. M. M. Golutvina and others. Med rad no 1 62-67 '62.

STROPHANTHIN

Changes in the acid base equilibrium under the influence of strophanthin and corglycon in circulatory insufficiency [with summary in English]. A. I. Kabakov. Terap. arkh. 33 no. 10:38-45 '61.

Strophanthin K, obtained for the first time from Soviet raw materials [with summary in English]. N S Kol'ginbaev. Kardiologiia 1 no. 2:72-76 Mr-Ap '61.

STROPHANTHIN—PHYSIOLOGICAL EFFECT

Action of strophanthin on the heart in acute radiation sickness [with summary in English]. B. B. Moroz, S. P. Grozdov. Farm. i toks. 24 no. 3:301-304 My-Je '61.

STRUCTURAL FRAMES

Corrosion protection of metal structural elements through proper design. N. M. Voronov. Shor. nauch. trud. TISI 8:95-104 '61.

Strengthening reinforced concrete elements of a frame for a multistory industrial building. V. N. Marakulin. Shor. nauch. trud. TISI 8:37-44 '61.

STRUCTURAL FRAMES—MODELS—VIBRATION

Experimental investigation of parametrically excited vibrations of a pi-shaped frame model. I. A. Burnashev. Izv. AN Uz. SSR. Ser. tekh. nauk no. 4:46-51 '61.

STRUCTURES, THEORY OF

Baikov, V. T. [Structural mechanics of airplanes] Stroitel'naia mekhanika samoleta. Moskva, MAI. Pt. 1. [Statically determinate rod systems] Staticheski opredelimye sterzhnevye sistemy. 1959. 228 p.

Experimental facts on changes in the periods of vibrations of buildings. E. I. Bakradze. Trudy TSNIISK no. 6.251-259 '61

STUART, ALEX, pseud. see Mann, Violet Vivian, 1914-

STUDENT EMPLOYMENT

"Legal status of students who work in industrial enterprises" by V. S. Andreev. Reviewed by O. V. Smirnov, K. P. Urzhinskii. Sov. gos. i pravo 32 no. 2:140-142 F '62.

STUDENT TEACHING

System of practical experience in teaching. T. K. Akhayan, K. D. Radina. Uch. zap. Ped. inst. Gerts. 201: 81-110 '61.

STUDENTS, FOREIGN see subdivision under Moscow

STUDY, METHOD OF

Independent work on a book. V. Bova, G. Chumachenko. Doshk. vykh. 23 no.1:38-40 Ja '62

STURGEONS

Experiments on respiration and the oxygen threshold in the young of the sturgeon Acipenser stellatus Pall P M Konovalov. Shor. rab po ikht. i gidrobiol no 3 93-105 '61

Respiration and nutrition of young starred sturgeon (Acipenser stellatus) in experiments. E G. Svirenko Trudy Gidrobiol ob-va 11 253-264 '61

STYRENE

Hydrochlorination of styrene. V. V. Sal'nikov. Izv. vys. ucheb. zav., khim. i khim. tekh. 1 no.4:621-625 '61.

Reduction and electroreduction of organic substances on a platinized platinum. Part 1: Behavior of allylbenzene, propenylbenzene, and α-methylstyrene on a surface of a platinum electrode A. D. Semenova and others Vest. Mosk. un Ser. 2:Khim 17 no.1:49-54 Ja-F '62

STYRENE POLYMERS

Adhesive SPD-3 for binding articles made of polystyrene copolymers. E. A. Kashkovskaia, M. I. Khitrova, V. I. Milovanova. Plast. massy no.10:41-43 '61.

Structure formation in crystalline polystyrene V A Kargin, T. I. Sogolova, G Sh. Talipov Dokl AN SSSR 142 no. 3 627-628 Ja '62.

STYRENE POLYMERS—EXHIBITIONS

Exhibition of Achievements of the National Economy of the U.S.S.R. Styrene polymers and copolymers. G. O. Tatavos'lan Plast. massy no.10:72-74 '61.

SUBCLAVIAN ARTERY—TRANSPLANTATION

Alloplasty of a segment of the aortic arch using the ostium and trunk portion of the left subclavian artery M N Anichkov and others. Vest. khir. no.7 15-18 '61

SUBMARINE CHASERS

There is a contact! P. Alekseev, S. Trepachko. Sov. voin 43 no.14:6 Jl '61.

SUBMARINE GEOLOGY

(see also subdivision under Atlantic Ocean, Bering Sea)

Akademiia nauk SSSR. Komissiia po osadochnym porodam. [Recent sediments of seas and oceans; transactions of a conference held on May 24-27, 1960] Sovremennye osadki morei i okeanov; trudy soveshchaniia 24-27 maia 1960 g Moskva, Izd-vo Akad. nauk SSSR, 1961. 644 p.

SUBMARINE TOPOGRAPHY

(see also subdivision under Black Sea; Kamchatka Gulf; Karaginskiy Gulf)

Leont'ev, N. F. [Geographical foundations of the cartography of submarine relief on hypsometric maps] Geograficheskie osnovy kartografirovaniia podvodnogo rel'efa na gipsometricheskikh kartakh. Moskva, Izd-vo geodez. lit-ry, 1961. 205 p.

SUBSTATIONS, ELECTRIC see Electric substations

SUBSTITUTION (CHEMISTRY)

Effect of carboxyl and carbomethoxy groups on the substitution of halogen in ferrocene compounds. A. N. Nesmeianov, V. A. Sazonova, V. N. Drozh. Izv. AN SSSR. Otd. khim. nauk no.1:45-47 Ja '62.

Effect of substituents in the aromatic ring on the acid-basic properties of diazo hydrides. IA. E. Briuske, B. A. Porai-Koshits. Zhur. prikl. khim. 35 no.1:182-185 Ja '62.

Thermal conversions of α-substituted β-oxides. E. Kovach and others. Izv. AN SSSR. Otd. khim. nauk no.1:124-130 Ja '62.

SUBSTITUTIONS see Groups, Theory of

SUCCINIC DEHYDROGENASE

Succinic dehydrogenase and active sodium transport in the osmoregulating organs of vertebrates. IU. V. Natochin, T. A. Krestinskaia. Fiziol. zhur. 47 no.10: 1306-1313 O '61.

SUCHON, EUGEN

E. Suchon's "Sviatopluk." I. Martynov. Sov. muz. 25 no.12:117-120 D '61.

SUCKER RODS

Surface hardening is an efficient means of strengthening sucker rods R. M. Raskin, R. A. Bagramov. Neft. khoz. 39 no.8:46-49 S '61

SUDAN—REVOLUTIONS

"The Mahdi rebellion and the basis of British policy in the Sudan" by Jalal Yahya. Reviewed by M. V. Maliukovskii. Krat. soob. Inst. nar. Azii no.45:197-199 '61.

SUDAN GRASS see subdivision under Karaganda Province

SUFFOCATION see Asphyxia

SUGAR—ANALYSIS AND TESTING

Method for rapid determination of moisture in sugar. I. F. Zelikman, S. Kh. Abdurazakova. Sakh. prom. 35 no.11:23-25 N '61.

Molasses forming coefficient of nonsugars produced from clarified beet juice P M. Silin. Sakh prom 35 no 11 11-13 N '61.

Rapid method for determining moisture content in sugar. E. B. Lysianskii. Sakh. prom. 35 no.12:40-41 D '61.

SUGAR—PACKAGING

Organizing and establishing work norms in packaging. N. K. Ostapyshin. Sakh. prom. 35 no.12 15-17 D '61.

SUGAR—STORAGE

Permissible moisture content of raw sugar in storage. I. F. Zelikman. Sakh. prom. 35 no.12:28-31 D '61.

SUGAR—TRANSPORTATION see subdivision under Ukraine

SUGAR BEETS

(see also subdivision under Siberia)

Complete utilization of sugar beets for the production of sugar and feeds. G. S. Benin, A. N. Shakin. Sakh. prom. 35 no.12:5-9 D '61.

For better coordination of research on sugar beets and sugar. S. Z. Ivanov Sakh prom 35 no 11 5-7 N '61

Improved rapid method for determining volatile acids in sugar beet molasses. L. G Notkina, E M. Zapara, M G Golubchik. Khleb. i kond prom. 5 no. 12 36-38 D '61

More effective processing of sugar beets of the 1961 crop. I M Fomenko Sakh prom 35 no. 11 1-4 N '61

Procurement of sugar beets. L. G. Rozhanskii. Sakh. prom. 35 no.12:50-51 D '61.

Technological evaluation of sugar beets. P. M. Silin. Sakh prom 35 no 11 14-17 N '61.

Vinokurov, M. M. [Make way for monospermous sugar beets] Dorogu odnosemiannoi! [Voronezh] Voronezhskoe knizhnoe izd-vo, 1961. 18 p. (DA)

SUGAR BEETS—HANDBOOKS, MANUALS, ETC. see subdivision under White Russia

SUGAR BEETS—VARIETIES

Raise the standards for sugar beet varieties. N. I. Orlovskii. Sakh. prom. 35 no.12:48-50 D '61.

SUGAR INDUSTRY

(see also subdivision under Kazakhstan; Korenovskaya; Moldavia; Pavlovskaya, Krasnodar Territory; Poland; Ukraine)

Economic aspects of intermediate products in the sugar industry. A. P. Ponomarenko. Sakh. prom. 35 no.12: 41-43 D '61.

Resistance of floors to the corrosive action of sugar solutions. A. A. Domashevskii. Sakh prom. 35 no 11 30-35 N '61

Sugar production and demand in prerevolutionary Russia and in the U.S.S.R. V. A. Grechukhin. Sakh. prom. 35 no.12:13-16 D '61.

"Technology of beet-sugar production" by I. M. Litvak. Reviewed by G. S. Benin. Sakh. prom. 35 no 11 75-77 N '61.

V. I. Lenin on the monopoly of sugar industrialists and the nationalization of the sugar industry. A. I. Korchinskii. Trudy KTIPP no.23:3-6 '60.

We shall carry out the resolutions of the 22d Congress of the CPSU. Sakh. prom. 35 no.12.1-4 D '61.

SUGAR INDUSTRY—BIBLIOGRAPHY see Bibliography—Sugar industry

SUGAR INDUSTRY—COSTS

Lowering production costs in the sugar industry. P. K. Popov. Sakh prom. 35 no.11:46-49 N '61.

SUGAR INDUSTRY—EQUIPMENT AND SUPPLIES

Design of a sodium cationite unit for softening second-carbonation juice. Sakh. prom. 35 no.11:28-29 N '61.

Old shortcomings of new equipment. V. A. Serebrinskii. Sakh. prom. 35 no.12:36-37 D '61.

Shop for washing and repairing sacks. V. N. Tretiakov. Sakh. prom. 35 no.12:38-39 D '61.

SUGAR INDUSTRY—FINANCE see subdivision under Moldavia

SUGAR MACHINERY

(see also subdivision under France)

Automation of evaporation sections. B. A. Eremenko and others. Sakh. prom. 35 no.11:39-45 N '61.

Growth of crystals in vacuum apparatus (from "Gazeta Cukrownicza," No.3, 1961). Sakh. prom. 35 no.12: 59-61 D '61.

Putting the connection stone catcher into service after washing the beets from "Listy cukrovarnicke," No.7, 1961). I. F. Bugaenko. Sakh. prom. 35 no.12:64 D '61.

Specialization of machine building plants manufacturing equipment for the sugar industry. IU. A. Reizer. Sakh. prom. 35 no.11:7-9 N '61.

SUGAR MANUFACTURE

(see also subdivision under Boston; Ukraine)

"Funda" filters in the sugar industry (from "Zucker," No.14, 1961. Sakh. prom. 35 no.12:61-62 D '61.

More effective processing of sugar beets of the 1961 crop I M Fomenko Sakh prom 35 no 11 1-4 N '61

Processing raw sugar with the incorporation of separation section. IU. M. Poliakov, G. M. Khitun. Sakh. prom. 35 no.12:26-28 D '61.

Saturation coefficient of low-quality sugar solutions (from "Listy cukrovarnicke," No.1, 1961). Sakh. prom. 35 no.12:63 D '61.

Use of granulated coal in the sugar refining industry. M. B. IArmolinskii and others Sakh. prom. 35 no 12: 21-26 D '61.

Using polyacrylamide in the sugar industry. A. K. Kartashov and others. Sakh. prom. 35 no 11 17-23 N '61.

SUGAR MANUFACTURE—BY-PRODUCTS

Using superphosphate and chlorinated lime for the purification of raw sugar by-products. G M Khitun. Sakh. prom. 35 no 11 36-37 N '61

SUGAR MANUFACTURE—COSTS

Costs of sugar manufactured from molasses by the dry lime separation method. M. M. Khristenko Trudy KTIPP no 23:37-45 '60

SUGAR MANUFACTURE—EQUIPMENT AND SUPPLIES

Corrosion of pipes in evaporators in sugar refineries. D. M. Voloshko, Z. M. Kalinkina, L. P. Shchesno. Biul. nauch.-tekh. inform. VNIITI no.4/5 143-153 '58.

Seminar on filtration of juices and sirups of the sugar industry. Z. S. Leites Sakh. prom 35 no 11-4 N '61

Using electrode potentials as criteria in selecting metals for diffusion calorizator pipes in sugar refineries. D. M. Voloshko, Z. M. Kalinkina. Biul. nauch.-tekh. inform. VNIITI no.4/5.153-157 '58.

SUGAR REFINERY WORKERS—DISEASES AND HYGIENE see subdivision under Vinnitsa Economic region

SUGAR RESEARCH

For better coordination of research on sugar beets and sugar S. Z Ivanov Sakh prom 35 no 11 5-7 N '61

SUGAR TRADE see subdivision under United States

SUGGESTION SYSTEMS

(see also subdivision under Uzbekistan)

Economy of 120000 rubles. M. Arutiunov. Nar. khoz. Uzb 4 no 1 66 Ja '62

SUKHAREV, ARKADII

"It's spring again"; verse by Arkadii Sukharev. Reviewed by I Mikhailov. Nova no.6:201-203 '61

SUKHAREV, VLADIMIR IVANOVICH, 1892-

Professor Vladimir Ivanovich Sukharev; on his 70th birthday and his 46th year of scientific, medical and public activities. A. P. Dolgov. Vest. derm. i ven. no.1:93-94 '62.

SUKHOVO-KOBYLIN, ALEKSANDR VASIL'EVICH, 1817-1903

The case of Sukhovo-Kobylin. Vl. Shtriker. Sots. zakon. 39 no.1:75-76 Ja '62.

SULFANILAMIDES

Effectiveness of antibiotic and sulfanilamide treatment of food toxicoinfections of salmonella origin. IU. M. Mikhailova, E. G. Mol'nik. Sov. med. 25 no.7 131-133 Jl '61.

SULFANOL

Sulfanol is a fine material for washing tableware. B. IUdasin. Tyl i snab Sov. Voor. Sil 21 no.11 91-92 N '61.

Use of sulfanol NP-1 in rubber technology. V. I. IUdin. Kauch. i rez. 21 no.1:53 Ja '62.

SULFATES

Anodic process of graphite in the electrolysis of sodium chloride in the presence of sulfate ions. M. M. Flisskii and others. Zhur. prikl. khim. 34 no.11:2483-2487 N '61.

SULFATES—DRYING

Drying sulfate in a "fluidized" bed. L. L. Mikhailidi, I. M. Gorlacheva. Bum. prom. 36 no.11:17-18 N '61.

SULFIDES

Decomposition voltage of natural sulfides of some metals and of sodium sulfide in fused salts. I. T. Gul'din, A. M. Egorov, A. V. Buzhinskaia. Zhur prikl. khim. 34 no.12:2674-2680 D '61

Effect of mineral additions on the oxidation process of sulfide ions in aqueous solutions of sodium sulfide. I. A. Kakovskii, V. K. Babak, F. E. Molochnikova. Obog. rud. 6 no.5:23-27 '61.

Synthesis of asymmetrical sulfide containing functional groups. R. G. Petrova, R. Kh. Freidlina. Izv. AN SSSR. Otd. khim. nauk no.1:59-64 Ja '62.

Use of high molecular compounds in the flotation of sulfide minerals. S. I. Gorlovskii. Obog. rud. 6 no.5: 18-23 '61.

SULFIDES—METALLURGY

Experimental study of germanium sulfide oxidation by the heating and weighing method. M. D. Galimov, A. I. Okunev. Izv. vys. ucheb. zav., tsvet. met. 4 no. 3:94-104 '61.

SULFITE LIQUOR

Producing vitamin B_{12} by cultivating propionic acid bacteria on sulfite liquor. V. A. Utenkova, A. V. Zelenshchikova, M. IA. Kaliuzhnyi. Vit. res. i ikh isp. no. 5: 73-81 '61.

SULFITES

Rapid sulfite cooking operation. N. A. Rozenberger. Bum. prom. 36 no. 12:3-7 D '61.

SULFONAMIDES

Electron microscope observations on morphological changes in meningococci under the influence of sulfodimezine and antibiotics [with summary in English] L. E. Rybak, L. I. IArmolenko. Antibiotiki 6 no. 6:531-534 Je '61.

Primary and secondary negative reactions to antidiabetic sulfanilamides. S. G. Genes. Vrach. delo no. 6: 51-57 Je '61.

Sulfanilamide preparations in the treatment of diabetes mellitus. E. A. Benikova. Vrach. delo no. 6: 61-66 Je '61.

Use of sulfanilamide hypoglycemic preparations in compound spa treatment of diabetes mellitus. D. I. Vizir. Vrach. delo no. 6: 58-60 Je '61.

SULFUR
(see also subdivision under Gaurdak region)

Determining the sulfur content in coal and coke by combustion. E. F. Zotova. Koks i khim. no. 9:27-28 '61.

Ozone-adsorption desulfurization of straight-run kerosene distillate. E. N. Pitskhelauri, T. A. Pospelova, V. S. Kruglikova. Izv. vys. ucheb. zav.; neft' i gaz 4 no. 6:81-87 '61.

SULFUR—ANALYSIS

Determination of sulfur in metallic chromium. A. A. Fedorov, A. M. Krichevskaia, F. V. Linkova. Zav. lab. 27 no. 12:1460-1462 '61.

Sulfur of thiolignins. IU. V. Zhigalov, D. V. Tishchenko. Zhur. prikl. khim. 35 no. 1:147-153 Ja '62.

SULFUR BACTERIA see Bacteria, Sulfur

SULFUR COMPOUNDS
(see also subdivision under Black Sea)

Distribution of raw material sulfur in carbon black formation products. M. I. Chaikun. Kauch. i rez. 20 no. 12:26-30 D '61.

SULFUR DIOXIDE

Design of contact apparatus with adiabatic beds of catalysts for the oxidation of sulfur dioxide (design of contact apparatus with intermediate heat exchangers) M. G. Slin'ko, V. S. Beskov. Khim. prom. no. 12:826-831 D '61.

Testing an apparatus for the oxidation of concentrated sulfur dioxide in a fluidized catalyst bed. I. P. Mukhlenov and others. Khim. prom. no. 11:770-775 N '61.

SULFUR FLUORIDE

Thermodynamic properties of sulfur hexafluoride. I. I. Perel'shtein. Khol. tekh. 38 no. 3:72-75 My-Je '61. '61.

SULFUR MINES AND MINING see subdivision under Rozdol region; Shor-Su

SULFURIC ACID

Factory testing of a unit for the denitration of sulfuric acid. V. G. Ponomarenko. Koks i khim. no. 11:54-57 '61.

Packless mixer with an electromagnetic drive as a reactor for the production of alkyl sulfuric acids. I. IA. Fingrut, A. P. TSitrin. Khim. i tekh. topl. i masel 7 no. 2:44-49 F '62.

SULFURIC ACID INDUSTRY

Methods of utilizing the production sources of enterprises manufacturing sulfuric acid by the tower method. M. P. Sasin. Trudy LIEI no. 36:5-12 '61.

SULFURIC ACID INDUSTRY—EQUIPMENT AND SUPPLIES

Lowering nitrogen oxide losses in tower sulfuric acid systems by means of automatic control. B. I. Mordkovich and others. Khim. prom. no. 12:832-837 D '61.

SUMGAIT VALLEY—CETACEA, FOSSIL

New finds of upper Maikop Cetacea in the vicinity of Perikishkyul'. S. M. Alsanova. Izv. AN Azerb. SSR. Ser. geol.-geog. nauk i nefti no. 3:25-29 '61.

SUMY PROVINCE—[illegible]

[illegible] vykh. 23 [illegible]

SUN

Pikel'ner, S. B. [The sun] Solntse. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 82 p. (Populiarnye lektsii po astronomii, no. 11)

SUN—CORONA

Determining the degree of polarization of the solar corona from observations of the solar eclipse of June 30, 1954. IU. N. Dolginova. Geomag. i aer. 1 no. 5:646-649 S-O '61.

Polarization of the outer corona according to observations of the solar eclipse of Feb. 15, 1961 made from and airplane. N. S. Shilova. Geomag. i aer. 1 no. 5: 650-652 S-O '61.

SUNDZHENSKIY DISTRICT—KINDERGARTENS

Kindergarten of the "Pobeda" Collective Farm. L. P. Doshk. vosp. 35 no. 1:30 Ja '62.

SUNFLOWER SEED—STORAGE

Storing sunflower seeds without access of air. V. M. Kopeikovskii, N. V. Trubitsyn. Izv. vys. ucheb. zav., pishch. tekh. no. 5:13-19 '61.

SUNFLOWER SEED OIL

Hydrogenation of sunflower seed oil with simultaneous supersonic imposition. B. N. Tiutiunnikov, S. Vysotskii. Izv. vys. ucheb. zav., pishch. tekh. no. 5:41-48 '61.

SUNFLOWERS

Embryologic investigation of the effect of foreign pollen on the fertilization and ontogenesis of the sunflower embryo. E. I. Ustinova. Vest. Mosk. un. Ser. 6: Biol., pochv. 17 no. 1:25-33 Ja-F '62.

What a sunflower! Oleg Orlov. IUn. nat. no. 12:35 D '61.

SUPERSONIC NOZZLES

Variational problems for supersonic solids of revolution and exhaust nozzles. IU. D. Shmyglevskii. Prikl. mat. i mekh. 26 no. 1:110-125 Ja-F '62.

SUPPURATION—MICROBIOLOGY

Microflora of suppurative diseases in workers of various professions. A. V. Foliants. Med. zhur. Uzb. no. 7: 22-24 Jl '61.

SURFACE-ACTIVE AGENTS

ChM foam-producing agent and its effect on the formation of lead plates of a storage battery. A. I. Levin, V. F. Lazarev. Zhur. prikl. khim. 35 no. 1:123-127 Ja '62.

Effect of adding surfactants to various waters and the properties of displaced hydrocarbon fluids in capillary desaturation [in Azerbaijani with summary in Russian]. A. Sh. Asadov. Azerb. neft. khoz. 40 no. 11:22-26 N '61.

Fracturing in a layer in processing wells with surfactants. V. P. Bobeliuk. Neft. khoz. 39 no. 9:27-37 S '61.

Prospects for the use of new demulsifying agents. S. A. Feigin, L. I. Buchina, D. N. Levchenko. Khim. i tekh. topl. i masel 6 no. 12:27-33 D '61.

Surface-active substances. G. I. Nikitin. Priroda 51 no. 1:37-42 Ja '62.

Wetting capacity of surface-active substances and their rate of adsorption from aqueous solutions. S. A. Nikitina and others. Zhur. prikl. khim. 34 no. 12: 2658-2664 D '61.

SURFACE TENSION

Effect of replacing sodium oxide by oxides of other metals on the surface tension of silicate melts and their adhesion to solid steel. A. A. Permiinov, S. I. Popel', N. S. Smirnov. Izv. vys. ucheb. zav.; chern. met. 4 no. 12:5-7 '61.

Surface tension of aqueous solutions of inactive substances. N. M. Lakinskaia. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 4:604-610 '61.

Surface tension of aqueous solutions of salts after polymorphous transformations in the solid state. A. N. Kirgintsev, L. N. Efanov, N. I. Burtakova. Izv. Sib. otd. AN SSSR no. 11:75-79 '61.

SURFACES

Some properties of a class of surfaces that can be nomographed in single-valued functions. O. N. Mukhin. Vest. Mosk. un. Ser. 1: Mat., mekh. 17 no. 1:24-29 Ja-F '62.

Surfaces of constant mean curvature with an infinite number of spherically conjugate Chebyshev or geodesic nets. V. A. Tikhonov. Izv. vys. ucheb. zav.; mat. no. 1: 159-164 '62.

SURFACES (TECHNOLOGY)

Demkin, N. B. [Actual contact area of hard surfaces] Fakticheskaia ploshchad' kasaniia tverdykh poverkhnostei. Moskva, Izd-vo Akad. nauk SSSR, 1962. 108 p.

Motyko, A. S., and I. D. Ostrovskii. [Developed sheet product surfaces] Razvertki poverkhnostei listovykh izdelii. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 94 p.

SURFACES, FERMI see Fermi surfaces

SURFACES, RIEMANN see Riemann surfaces

SURGERY
(see also subdivision under Arctic regions; Daghestan; United States)

Adhesive disease and its treatment with Noble's operation [with summary in English]. N. I. Blinov, E. E. Grigor'ev. Vest. khir. no. 1:63-68 '62.

"Errors in surgical practice and ways for preventing them" by N. I. Krakovskii and IU. IA. Gritsman. Reviewed by A. T. Lidskii. Sov. med. 25 no. 10:155-157 O '61.

Faculty Surgical Clinic and its role in the development of Soviet surgery during the prerevolutionary period. N. N. Elanskii, IU. V. Kiprenskii. Klin. med. no. 1:147-152 '62.

Horizontal intestinal plication in adhesive disease. K. S. Simonian. Vest. khir. no. 1:68-72 '62.

Jubilee conference of the physicians of the N. N. Burdenko Main Military Hospital. T. Rozikov. Voen.-med. zhur. no. 7:96 Jl '61.

Some indications for surgical care. B. M. Khromov. Sov. zdrav. 20 no. 8:66-67 '61.

Use of antibiotics in the surgery of suppurative diseases. N. N. Prutovykh. Sov. med. 25 no. 7:66-70 Jl '61.

Use of methyldiazii in the surgical treatment of disease [with summary in English] O. K. Maslov. Vest. khir. no. 1:109-112 '62.

SURGERY, ASEPTIC AND ANTISEPTIC

Surgical scrub. V. A. Makarenko. Vest. khir. no. 6: 121 '61.

Surgical scrub. V. D. Makeev, N. A. Koposov, D. V. Usov. Vest. khir. no. 6:119-120 '61.

SURGERY, ELECTROLYSIS IN see Electrosurgery

SURGERY, MILITARY

Udin, S. S. [Selected works; problems in military field surgery and the transfusion of cadaveric blood] Izbrannye proizvedeniia; voprosy voenno-polevoi khirurgii i perelivanie posmertnoi krovi. Moskva, Medgiz, 1960. 553 p.
(DNLM)

Pirogov, N. I. [Collected works in eight volumes] Sobranie sochinenii v vos'mi tomakh. Moskva, Gos. izd-vo med. lit-ry.
Vol. 5. [Principles of general military field surgery] Nachala obshchei voenno-polevoi khirurgii.
Pt. 1. [Sevastopol letters] Sevastopol'skie pis'ma. 1961. 638 p.

SURGERY, OPERATIVE

Errors in surgical interventions of diabetics and measures for their prevention. V. D. Sokolovskii. Vest. khir. no. 5:115-121 '61.

SURGERY, PLASTIC

Technique of the free grafting of an intestine for plastic surgery of the esophagus. V. I. Filin. Azerb. med. zhur. no. 7:46-52 Jl '61.

SURGICAL INSTRUMENTS AND APPARATUS

Applying end-to-side intestinal anastomosis with the aid of an apparatus. T. V. Kalinina. Vest. khir. no. 5: 131-134 '61.

Conductor for the tracheotomy tube. A. M. Shkil'. Zhur. ush., nos. i gorl. bol. 21 no. 5:83 S-O '61.

Introduction of new apparatus into surgical practice. IU. IA. Gritsman. Sov. zdrav. 20 no. 8:43-47 '61.

Scraper for removing a hump from the nose. T. S. Zhordaniia. Zhur. ush., nos. i gorl. bol. 21 no. 5:84 S-O '61.

SURGICAL OPERATIONS see Operations, Surgical

SURGICAL SOCIETIES see subdivision under Tashkent

SURIKOV, VASILII IVANOVICH, 1848-1916

Years of acquaintance with V. I. Surikov. O. Chentsova. Iskusstvo 24 no. 6:69-72 '61.

SURVEYING
(see also subdivision under Canada; Iran; Turkey)

Immediate problems in promoting the progress of fundamental topographico-geodetic operations. Geod. i kart. no. 1:3-9 Ja '62.

Investigating the patterns of error distribution in the relief generalization of large-scale surveys. V. D. Bol'shakov. Izv. vys. ucheb. zav.; geod. i aerof. no. 4: 19-27 '61.

Maslov, A. V. [Instructions for plane-table and theodolite surveys at a scale of 1:10, 000] Nastavlenie po proizvodstvu mensul'nykh i teodolitnykh s"emok v masshtabe 1:10 000. [3., ispr. izd] Moskva, Izd-vo geodez. lit-ry, 1961. 327 p.

A method for solving systems of normal equations. V. I. Sal'nikov. Izv. vys. ucheb. zav., geod. i aerof. no. 4 43-48 '61

Optimum disposition of points determined by resection in relation to initial points. V. F. Pavlov. Geod. i kart. no. 12:6-11 D '61.

Problems of geodesy and cartography in the light of the new program of the CPSU. A. N. Baranov. Geod. i kart. no. 1:3-7 N '61.

Results of socialist competition in honor of the 22d Con[illegible] ies of the [illegible] Cartography for [illegible] 3-6 D '61.

[illegible] and angu[illegible] kart.

SURVEYING—BIBLIOGRAPHY see Bibliography—Surveying

SURVEYING—ESTIMATES AND COSTS

Some technical and economic indices of geodetic and topographic operations and their analysis V F Pavlov Izv vys ucheb zav., geod. i aerof. no. 4 119-120 '61

SURVEYING—INSTRUMENTS

Accuracy of the vernier of rods used with the DD3 range finder. G. G. Nikiforov. Geod. i kart. no. 12:22-23 D '61.

SURVEYING—STUDY AND TEACHING
(see also subdivision under Moscow)

Training of specialists at topographical technical schools G. K. Zubakov Geod i kart. no. 11.55-57 N '61.

SURVEYING—TABLES, ETC.

Gan'shin, V. N., and L. S. Khrenov. [Tachymetric tables for calculating heights and ground distances using a circular tachymeter and alidade] Takheometricheskie tablitsy dlia vychisleniia prevyshenii i gorizontal'nykh prolozhenii pri rabote s krugovym takheometrom i kipregelem. Izd. 3., dop. Moskva, Goslesizdat, 1961. 251 p.

Patenov, I. F. [Tables of the increase of rectangular coordinates and trigonometric functions] Tablitsy prirashchenii priamougol'nykh koordinat i trigonometricheskikh funktsii. 2. izd., dop. i ispr. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 564 p.

SURVIVAL (AFTER AIRPLANE ACCIDENTS, SHIPWRECKS, ETC.)

Some problems in preserving life in accidents at sea. N. I. Matuzov. Voen.-med. zhur. no. 7:63-68 Jl '61.

SUSPENSIONS (CHEMISTRY)

Efficiency coefficient of the process of classification. Ch. K. Kurochitskii. Sakh. prom. 35 no. 11.50-54 N '61.

Some principles for designing filters for the separation of demixing suspensions. V. A. Zhuzhikov. Khim. prom. no. 12:854-860 D '61.

SUTURES

Suturing of abdominal wounds following surgery in acute appendicitis. E. I. Otstavnova. Voen.-med. zhur. no. 7: 85 Jl '61.

SVERDLOVSK—EDUCATION, COOPERATIVE

Educational equipment and facilities at a plant. P. Omel'chenko. Prof.-tekh. obr. 19 no. 1.28-29 Ja '62

SVERDLOVSK—EVENING AND CONTINUATION SCHOOLS

For a strong contact between the academic and production groups G. N. Kniazev Vest. vys. shkoly 20 no. 1:41-45 Ja '62

SVERDLOVSK—FIRES AND FIRE PREVENTION—SOCIETIES, ETC.

Without professional protection. Bronnikov. Pozh. delo 8 no. 1:7 Ja '62.

SVERDLOVSK—PLANTS, FLOWERING OF

Phenological data and Gauss curve. V. A. Baimanov. Izv. Vses. geog. ob-va 93 no. 6:501-507 N-D '61.

SVERDLOVSK—RUBBER GOODS

Use of sulfanol NP-1 in rubber technology. V. I. Tudin. Kauch. i rez. 21 no 1:53 Ja '62.

SVERDLOVSK—TECHNOLOGICAL INNOVATIONS

Workers and searchers. V. Chibireva. NTO 3 no. 12: 36 D '61.

SVERDLOVSK—TRAFFIC REGULATIONS

New trends in teaching traffic regulations. D. Orlov. Avt. transp. 39 no. 12:53 D '61.

SVERDLOVSK PROVINCE—DIAGNOSIS, FLUOROSCOPIC

Fluorographic examinations at collective farms in the Urals [with summary in English]. G. I. Firsov. Sov. zdrav. 20 no. 7:68-69 '61.

SVERDLOVSK PROVINCE—DRAINAGE

Drainage of the "Samikiyuchevskoye" swamp on the experimental farm of the Ural Scientific Research Institute of Agriculture. G. I. Dobrianskii. Dokl. i soob. UNIISKH no. 4:25-31 '60.

SVERDLOVSK PROVINCE—ELECTRIC POWER DISTRIBUTION

Conference on the economy and establishment of norms of electric power distribution in Sverdlovsk. L. Z. Khmel'nitskii. Prom. energ. 16 no. 7:55-56 Jl '61.

SVERDLOVSK PROVINCE—EVENING AND CONTINUATION SCHOOLS

Liberman, M. Kh. [Training workers in schools of progressive practice] Obuchenie rabochikh v shkolakh peredovogo opyta. Moskva, Vses. uchebno-pedagog. izd-vo Profizdat, 1961. 54 p. (V pomoshch' prepodavateliam i instruktoram dlia obucheniia rabochikh na proizvodstve)

SVERDLOVSK PROVINCE—PHYSICAL GEOGRAPHY

Division of Sverdlovsk Province into physicogeographical regions. A. M. Olenev, V. I. Prokaev. Vop. geog. no. 55:68-81 '61.

SVERDLOVSK PROVINCE—TRANSPORTATION, AUTOMOTIVE—STUDY AND TEACHING

Schools of advanced experience. A. Popov, I. Tropp Avt. transp. 39 no. 12:11-12 D '61

SVERDLOVSK PROVINCE—WATER RESOURCES DEVELOPMENT

Utilization of water resources in Sverdlovsk Province. N. G. Fedorov. Dokl. i soob. UNIISKH no. 4:3-8 '60.

SVOBODA, JOSEF, 1920-

In search of the unusual. R. Bazurin, L. Golovnia. Iskusstvo 24 no. 6:56-59 '61.

SWAMPS see subdivision under Sluch Valley

SWEAT see Perspiration

SWEDEN—AUTOMOBILES, FOREIGN

With export "Moskvich" cars to Sweden. F. P. Filippov. Avtomobilist 1 27-29 '61.

SWEDEN—FOREIGN ECONOMIC RELATIONS—RUSSIA

"Collected source materials relating to Russo-Swedish economic contacts in the 17th century." Reviewed by S. M. Troitskii. Ist. arkh. 7 no. 3:261-264 My-Je '61.

SWEDEN—RELATIONS (GENERAL) WITH RUSSIA

Letter to a young friend. Aleksandr Borshchagovskii. Kul't. i zhizn' 5 no. 8:32-33 '61.

Results of a year. N. N. Semenov. Kul't. i zhizn' 6 no. 1: 22-23 '62.

SWEDEN—RETAIL TRADE

Seven days in Sweden. A. Fridlianskii, G. Klimkovich. Sov. torg. 36 no. 1:60-63 Ja '62.

SWEDEN—SHIPBUILDING

Swedish-built ships [from foreign journals. Sudostroenie 27 no 12:73-75 D '61.

SWEDEN—SHIPWRECKS

Raising a warship which sank 333 years ago [from "Shipbuilding and Shipping Record," 25/V, no. 21, 1961, "La Revue Maritime," 4/V no. 2159, 1961]. Sudostroenie 27 no. 12:78 D '61.

SWIMMING

After training. V. Kniazev. Sov. voin 43 no. 14:43 Jl '61.

SWIMMING POOLS—HYGIENIC ASPECTS see subdivision under Lvov

SWINE

IAkunina, N. M. [Annual obligations, in eight months] Godovoe obiazatel'stvo - za 8 mesiatsev. [Tula] Tul'skoe knizhnoe izd-vo, 1960. 10 p. (Novatory sel'skogo khoziaistva) (DA)

Influence of photoperiodic conditions on the thyroid gland in swine [with summaries in English, German, and French]. A. IA. Klochkova. Vest sel'khoz. nauki 6 no. 11:68-72 N '61.

SWINE—DISEASES AND PESTS

[Swine diseases] Bolezni svinei. Izd. 2., perer. i dop. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1961. 508 p. (DA)

Tartu. Eesti põllumajanduse akadeemia. [Diseases of swine] Bolezni svinei. Tartu, Izd. Estonskoi sel'khoz. Akad. i Estonskogo nauchno-issl. in-ta zhivotnovodstva i veterinarii, 1960. 349 p. (DA)

SWINE—PARASITES see Parasites—Swine

SWITZERLAND—SCHISTS

Determining the age of Pre-Cambrian metamorphic schists in Switzerland by the potassium-argon method. N. P. Semenenko. Biul. Kom. po opr. abs. vozr. geol. form. no. 4:56-58 '61.

SWORDFISH

A little bit about many things. Znan. sila 37 no. 1:30 Ja '62.

SWORDS

A sword by Pedro Lesama. M. Kosinskii. Soob. Gos. Erm. no. 20:22-23 '61.

SYAS' REGION—WOODPULP

How we increased the indices of mechanical strength of woodpulp. A. A. Badusov, N. P. Belliaeva, N. P. Malukova. Bum. prom. 36 no. 12:15-16 D '61.

SYKTYVDINSKIY DISTRICT—ROPENTIA

[illegible]

SYKTYVKAR—WALNUT

Manchurian walnut (Juglans manschurica Maxim), in the north. M. M. Charochkin. Trudy Komi fil. AN SSSR no. 9:96-97 '60.

SYMPATHETIC NERVOUS SYSTEM see Nervous system, Sympathetic

SYMPATHOMIMETICS

Relationship between changes in the minute volume of coronary circulation and cardiac oxygen requirement under the influence of adrenaline, noradrenaline, ephedrine and phenamine [with summary in English]. I. E. Kisin. Biul. eksp. biol. i med. 52 no. 10:67-71 O '61.

SYMPHONY ORCHESTRAS see subdivision under Moscow

SYNCHROTRON

Balandin, M. P., V. G. Grebinnik, and G. I. Selivanov. [Synchronizing the operation of a bubble chamber and a synchrocyclotron] Sinkhronizatsiia raboty puzyr'kovoi kamery s sinkhrotsiklotronom. Dubna, Ob"edinennyi in-t iadernykh issl., 1961. 12 p. [With summary in English]

Comparison of ionization and calorimetric measurements of energy streams of bremsstrahlung from a synchrotron. Part 2. S. P. Kruglov. Zhur. tekh. fiz. 31 no. 12 1451-1461 D '61.

Kazanskii, G. S., and others. [Methods for changing the duration of the interaction between the beam and the target in a synchrophasotron at 10 Bev.] Metody izmeneniia dlitel'nosti vzaimodeistviia puchka s misheniu v sinkhrofazotrone na 10 Bev. Dubna, Ob"edinennyi in-t iadernykh issl., 1961. 17 p. [With summary in English]

Motion of electrons inside a cluster in a synchrotron. A. S. Chumakov. Izv. vys. ucheb. zav., fiz. no. 6 113-117 '61.

Possibility of particle storage in the synchrotron. IU. M. Ado Atom. energ. 12 no. 1:54-55 Ja '62.

SYNTHETIC PRODUCTS
(see also subdivision under United States)

Katrenko, D. A., and A. A. Smirnlagina. [Science outstrips fancy] Nauka, obgoniaiushchaia mechtu. [Moskva] Izd-vo VTsSPS Profizdat, 1961. 204 p. (Massovaia biblioteka rabochego)

Synthesis gas and its utilization in the chemical industry of Armenia. M. Khachaturov. Prom. Arm. 4 no. 11: 13-14 N '61.

SYNTHETIC TEXTILE FIBERS see Textile fibers, Synthetic

SYPHILIS

Treatment of syphilis with bicillin. M. P. Frishman and others. Vest. derm. i ven. 35 no. 12 55-59 D '61.

Treatment of syphilis with bicillin-1 and bicillin-3 [with summary in English]. A. A. Brukson. Vest. derm. i ven. no. 1:36-42 '62.

Visceral syphilis according to autopsy data for the past 24 years [with summary in English]. A. S. Lipmanovich. Vest. derm. i ven. no. 1:42-46 '62.

SYPHILIS—DIAGNOSIS

New simple method for testing Treponema pallidum immobilization [with summary in English]. Vest. derm. i ven. no. 1:33-36 '62.

SYPHILIS—DIAGNOSIS—WASSERMAN REACTION

Repeated Wassermann examination of pregnant women has lost its practical value. V. A. Vedernikov. Vest. derm. i ven. no. 1:62-63 '62.

Repeated Wassermann examination of pregnant women is necessary. P. I. Kholodii. Vest. derm. i ven. no. 1: 61 '62.

Repeated serological examination of pregnant women is not expedient. Z. A. Ordovskaia, B. I. Frenkel'. Vest. derm. i ven. no. 1:59-60 '62.

Repeated Wassermann examination of pregnant women is not necessary. M. I. Prokhorenko. Vest. derm. i ven. no. 1:62 '62.

Repeated Wassermann examination of pregnant women is superfluous. Z. P. Poliakova, G. IA. Travin, S. I. Brodskii. Vest. derm. i ven. no. 1:60-61 '62.

Wassermann examination of patients in somatic hospitals M. P. Batunin, G. A. Berlin. Vest. derm. i ven. no. 1. 63-64 '62.

SYRIA—COMMERCE—RUSSIA

From the history of Russian-Syrian commercial relations, 1900-1914 L. M. Smilianskaia. Krat. soob. Inst. nar. Azii no. 45:129-139 '61.

SYRIA—FORESTS AND FORESTRY

Forestry in Syria. G. F. Zheleznov. Les. khoz. 14 no. 12:78-81 D '61.

SYRINGOMYELIA

Shamburov, D. A. [Syringomyelia] Siringomieliia. Moskva, Medgiz, 1961. 218 p. (DNLM)

SYSTEMS (CHEMISTRY)

Akademiia nauk SSSR. Institut nauchno-tekhnicheskoi informatsii [Manual of solubility] Spravochnik po rastvorimosti Moskva, Izd-vo Akad. nauk SSSR.
Vol. 1 [Binary systems] Binarnye sistemy
Book. 1 1961 959 p

Correlation between polar substances and the deviations from the additivity of the index of refraction and density of hydrocarbon mixtures and the deviations from ideal behavior in the systems. S. K Ogorodnikov and others Zhur. prikl. khim 34 no 12:2792-2796 D '61

Isotherm-isobar equation of vapor and the evaluation of the reliability of data on liquid-vapor equilibrium in three-component systems M P. Susarev, A.N Gorbunov. Zhur prikl.khim. 35 no.1 111-115 Ja '62.

Study of the system $NaAlO_2$-$KAlO_2$-KOH-$NaOH$-K_2SO_4-Na_2SO_4-H_2O(K^+-Na^+-AlO_2^--OH^--SO_4^{--}-H_2O) B Kh Shvartsman, N. S. Volkova Zhur. prikl khim. 34 no. 12;2633-2639 D '61

Subsolidus structure and ternary compounds of the system CaO - ZrO_2 - SiO_2 R. A. Korduik, N. V Gul'ko Dokl. AN SSSR 142 no. 3 639-641 Ja '62.

Ternary reciprocal systems consisting of 1) potassium and sodium acetates and thiosulfates, and 2) thiocyanates and thiosulfates of the same metals M S. Golubeva, A G Bergman, E A Grigor'eva. Uch zap. RGU 41 145-154 '58

Thermodynamic properties of fused salt solutions in the $CdBr_2$ - NaBr system M. F Lantratov, T. N Shevtiakova. Zhur. prikl khim. 31 no. 11 2570-2573 N '61.

Time factor in the physicochemical analysis of liquid systems. Part 3; Acetic anhydride - water system. M. Usanovich, E. Bekturov. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 4 574-579 '61.

SYSTEMS (CHEMISTRY)—SPECTRA

Nuclear magnetic resonance study of association in the systems ethyl alcohol - water and isopropyl alcohol - water V. V. Ivanov, S. G. Entelis Izv. AN SSSR, Otd. khim. nauk no 1 178-180 Ja '62

SYVERMA UPLAND—VALLEYS

Genesis of asymmetrical forms of latitudinal valleys in the Yenisey sector of the Arctic and their hydrogeological characteristics (upper reaches of the Pyasina River). V. F. Derpgol'ts. Probl. Arkt. i Antarkt. no. 9:93-94 '61.

TABASARAN LANGUAGE—PRONOUN

Declension of personal and demonstrative pronouns in the Tabasaran language. A. A. Magometov. Soob AN Gruz SSR 27 no 5;643-650 N '61.

TABLE TENNIS

White ball in orbit. Ekaterina Shevcleva. Kul't. i zhizn' 6 no. 1;44-45 '62.

TABURISHCHE—PRECAST CONCRETE—TESTING

Industrial tests of various types of slope linings A. G IUdkovskii Energ stroi no. 20 65-67 '61

TACHOMETER

Example of the calculation of a tachometer generator with a hollow rotor. P. A. Zubtsov. Energ. sbor. no. 2; 28-31 '58.

Method for designing an asynchronous tachometer generator. P. A. Zubtsov. Energ. sbor. no. 2:13-22 '59.

TADPOLES see Frogs

TAGANROG—AGRICULTURAL MACHINERY INDUSTRY

Skilled workers in Taganrog. S. A. Folumenov. Mashinostroitel' no. 1 3-5 Ja '62.

TAGORE, SIR RABINDRANATH, 1861-1941

Great son of the people of India. O. V. Plaushevs'kh. Rad. lit. 5 no 4;92-101 Jl-Ag '61.

Publication and study of Rabindranath Tagore's works in our country. L. Strizhevskaia. Obshchestv. nauki v Uz. no. 11:42-46 '61.

TAIGA—BUILDING

Helping to build cities in the taiga. R. Fedorov. IUn. tekh. 5 no. 7;14-16 Jl '61.

TAIPING REBELLION, 1850-1864

"Tragic errors of the Taiping Government in relations with foreign states"; 110th anniversary of the Taiping revolutionary movement by Shih Li-ch'êng, Abstract from "Lishih yenchiu" no. 1 '61 by S. I. Zaretskaia. Sovr. kit. lit. po obshchestv. naukam no. 44:46-53 '61.

TAIROV, ALEKSANDR IAKOVLEVICH, 1885-1950

Recollections of Tairov. A. Koonen. Sov. voin 43 no. 14;45 Jl '61.

TAJIK DEPRESSION—PALEONTOLOGY

New species of the genus Haustator from the Albian and Cenomanian deposits of the western part of the Tajik Depression [with summary in English]. M. P Dzhalilov. Izv. Otd. geol. -khim. i tekh. nauk AN Tadzh. SSR 1:111-117 '60.

TAJIK LANGUAGE

Dzhalolov, O. D. [Plural category and certain aspects of the modern Tajik language] Kategoriiai chami'va ba''ze mas''alakhoi zaboni khozirai tochik. Stalinobod, Nashriiti akademiiai fankhoi RSS Tochikiston, 1961. 187 p. [In Tajik]

TAJIK LANGUAGE—STUDY AND TEACHING

Tajik S. S. R. Upravlenie shkol. [Tajik language program for grades 3-8 of the Russian eight-year schools in the Tajik S. S R.] Programma po tadzhikskomu iazyku dlia III-VIII klassov russkoi vos'miletnei shkoly Tadzhikskoi SSR. Stalinabad, Uchpedgiz M-va prosv. Tadzhikskoi SSR, 1961. 27 p

TAJIKISTAN—BALLISTOCARDIOGRAPHY

Comparative indices from ballistocardiograms of inhabitants of high mountain and valley regions of Tajikistan. I. P. Plotnikov Zdrav. Tadzh 6 no. 5:36-38 S-O '61

TAJIKISTAN—BATHS, MOOR AND MUD

Prospects for the utilization of the Aksykon curative mud lake. B. A. Beder, N. M. Churshina. Izv Otd. geol. -khim. i tekh. nauk AN Tadzh. SSR 1:103-109 '60.

TAJIKISTAN—COAL TAR

Chemical composition of primary tar of caking coal from the Fan-Yagnob deposit. N. M. Karabaev, Z. A. Rumiantseva, E. P. Burlakova. Izv. Otd. geol -khim. i tekh. nauk AN Tadzh SSR no. 2 23-33 '61

TAJIKISTAN—CORALS, FOSSIL

New Silurian favositids from Tajikistan. V. L. Leleshus. Izv Otd geol -khim i tekh. nauk AN Tadzh. SSR no. 2 97-109 '61.

TAJIKISTAN—FARM PRODUCE—ANALYSIS

Vitamin A and carotene content in some products produced in southern Tajikistan. M. K. Abdurakhmanov. Zdrav. Tadzh. 6 no. 6;52-54 N-D '61

TAJIKISTAN—GEOLOGY, STRATIGRAPHIC

Lithologic facies analysis of the quaternary sediments in the region of the projected IAvan irrigation system. IU. V. Krylkov. Izv. Otd. geol. -khim. i tekh. nauk AN Tadzh. SSR 1:69-81 '60.

TAJIKISTAN—MEDICAL PERSONNEL

Awards to medical workers. Zdrav. Tadzh. 6 no. 5:46 S-O '61.

In the Ministry of Public Health. Zdrav. Tadzh. 6 no. 5: 47 S-O '61

TAJIKISTAN—MEDICINE—BIBLIOGRAPHY

"Medicine in Tajikistan." Edited by V. S. Vailia. Reviewed by V. A. Nevskii. Sov. zdrav. 20 no. 8;79-83 '61.

TAJIKISTAN—MERCURY ORES

Age of the Zarkhok mercury deposit. Kh. M. IUsupov. Izv. Otd. geol. -khim. i tekh. nauk AN Tadzh. SSR 1:83-90 '60.

TAJIKISTAN—MUNICIPAL SERVICES

The Tajik S. S. R. Zhil. -kom. khoz. 11 no. 10:25 O '61.

TAJIKISTAN—NUTRITION SURVEYS

Adequacy of vitamins C, B_2, PP intake in the natives of southern Tajikistan according to data from blood and urine studies. V. I. Rzhevskaia. Zdrav. Tadzh. 6 no 5;7-9 S-O '61.

TAJIKISTAN—RESEARCH

Scientific activities of the Division of Geologo-chemical and Technological Sciences. K. P. Mianikov. Izv. Otd. geol. -khim. i tekh. nauk AN Tadzh. SSR 1:127-128 '60.

TAJIKISTAN—ROCKS, IGNEOUS

Geology of intrusives in the transitional area of the Rushan and Northern Alichur (Bazar-Dara) Ranges and the central and southeastern Pamirs. A. I. Proskurko. Trudy Tadzh. gos un. 28 no. 1:35-50 '60.

TAJIKISTAN—RUSSIAN LANGUAGE—STUDY AND TEACHING

Tajik S. S. R. Upravlenie shkol. [Russian language and literature program for graded 9-11 of Tajik schools] Programma po russkomu iazyku i literature dlia IX-XI klassov tadzhikskoi shkoly. Stalinabad, Uchpedgiz Tadzhikskoi SSR, 1961. 67 p.

TAJIKISTAN—SOIL MOISTURE

Materials on soil moisture conditions in central Tajikistan. E. N. Blagoveshchenskii, G. T. Turdyev. Dokl. AN Tadzh. SSR 4 no. 4;43-48 '61.

TAJIKISTAN—TUBERCULOSIS—PREVENTION

Present status of and problems in the control of tuberculosis in Tajikistan. L. V. Shanskii, IU. D. IAtsozhinskii. Zdrav. Tadzh. 6 no. 6;3-6 N-D '61.

TAJIKISTAN—WATER, UNDERGROUND

Hydrogeologic conditions and the effect of irrigation drainage and irrigation areas on the level of underground waters in the Ak-Gazinskoye Plateau. I. K. Poletaev. Trudy Tadzh. gos. un. 28 no. 1 119-146 '60

TAJIKISTAN—WORLD WAR, 1939-1945

Protopopov, D. Z. [Tajikistan during the years of the holy war] Tadzhikistan v gody sviashchennoi voiny. Stalinabad, Tadzhikgosizdat, 1961. 48 p.

TAKOB VALLEY—ROCKS, IGNEOUS

Correlation of the hypabyssal intrusive complex in basins of the Takob and Varzob-Bolo Rivers I. S. Gol'dberg. Izv. Otd geol. -khim i tekh. nauk AN Tadzh. SSR no 2: 87-95 '61.

TAKTASH, KHADI, 1901-1931

Features of Khadi Taktash's poetic language in the early works IU A Valitova Krat. soob Inst. nar. Azii no 44: 26-40 '61.

TAKYR see subdivision under Kara Kum Canal region

TALAS VALLEY—ANTIQUITIES

Ironware from the Kenkol collection. S. Sorokin. Soob. Gos. Erm. no. 20;51-54 '61.

TALC see subdivision under Kara-Tau, Shabrovskiy region

TALES

"Folk tales in the Russian literary development" [in Czech] by Jaroslav Mandat. Reviewed by E. Pomerantseva. Sov. etn. no. 6;134-135 N-D '61.

TALLEYRAND-PERIGORD, CHARLES MAURICE DE, 1754-1838

Tarle, E. V. [Talleyrand] Taleiran. Moskva, Izd-vo Akad. nauk SSSR, 1962 268 p.

TALLINN—OPERA

"Lembitu." Elena Kurbatova. Teatr 23 no. 1:116-120 Ja '62.

TALYSH LANGUAGE—CASE

The ergative construction in the Kurdish and Talysh languages, comparative historical features. L. A. Pireiko. Krat soob. Inst nar. Azii no 30:86-94 '61

TAMAN BAY REGION—CLASSICAL ANTIQUITIES

Archaeological excavations in Kepa in 1959. N. I. Sokol'skii. Krat. soob. Inst. arkheol. no 86:55-65 '61.

TAMAN BAY REGION—EXCAVATIONS (ARCHAEOLOGY)

Archaeological excavations in Kepa in 1959. N. I. Sokol'skii. Krat. soob. Inst. arkheol. no. 86:55-65 '61.

TAMBOV PROVINCE—ATHEISM

Educational atheistic work of cultural and educational institutions in Sosnovka region. L. V. Zhuravleva. Vop. ist. rel. i ateiz. 9:204-211 '61.

TAMBOV PROVINCE—SECTS

Characteristics of the movement of the so-called truly orthodox Christians. Z. A. Nikol'skaia. Vop. ist. rel. i ateiz. 9:181-188 '61.

History of religious sectarianism in Tambov region (from the second part of the 18th to the beginning of the 20th centuries). V. I. Koretskii. Vop. ist. rel. i ateiz. 9:35-76 '61.

Materials for the study of characteristics of the contemporary sectarianism in Tambov Province. Vop. ist. rel. i ateiz. 9:212-243 '61.

Materials on the history of sectarianism in Tambov region in the 19th and the beginning of the 20th centuries (documents and tables), preparation of texts, compilation of tables and the introduction by G. S. Lialina. Vop. ist. rel. i ateiz. 9:244-313 '61.

Reactionary activity of the "truly-orthodox church" in Tambov region. L. N. Mitrokhin. Vop. ist. rel. i ateiz. 9:144-160 '61.

Religious sectarianism in Tambov region after the revolution and in our times. I. A. Malakhova. Vop. ist. rel. i ateiz. 9:77-112 '61.

TAMBOV PROVINCE—TEACHERS, TRAINING OF

Graduation projects in a pedagogical institute. N. A. Sorokin. Uch. zap. Ped. inst Gerts 201:111-121 '61.

TANK CARS

Use of "St. 3-EI043" two-ply steel for the manufacture of acid tank cars. S. A. Gladyrevskaia, E. V. Zotova. Vest. TSNII MPS 20 no. 8.51-54 '61.

TANK VESSELS

Advantages of tankers. N. Lupichev. Rech. transp. 20 no. 11:24-25 N '61.

Crew of communist labor. N. Verinchuk. Tyl i snab. Sov. Voor. Sil 21 no. 10; 23-25 O '61.

TANK VESSELS (Continued)

The crew of the motorship "Komsomol" strives for the title of a ship of communist labor. Sh. S. Gurfil', V. I Sokolov. Biul. tekh. -ekon inform Tekh upr Min. mor flota 5 no. 4:3-12 '60.

Design of a gas-turbine driven tanker. Biul. tekh. -ekor inform Tekh. upr. Min. mor flota 5 no. 4:30-41 '60.

New river tankers [in foreign countries]. S. Knlazev. Rech. transp. 20 no. 11,52-58 N '61.

Rated capacity of main engines on "Kazbek"-type tank vessels. A. A. Kremin. Inform. sbor. TSNIIMF no 47 Tekh. ekspl. mor. flota no 3 35-43 '60.

Taking measures to mechanize and automate the power plant of "Kazbek" type tankers. V. R. Sukhomlin, IU IA. Fomin. Biul. tekh. -ekon. inform Tekh upr. Min. mor flota 5 no. 4:13-20 '60

TANK WARFARE
(see also subdivision under United States)

Combat against tanks and armored carriers. L. Polctaev. Voen. vest 41 no. 7:14-17 Jl '61.

Engineer support of a tank battalion on the defensive. S. Tgorov. Voen vest. 41 no 7:31-35 Jl '61

Fire of a tank unit in a defensive position. D. Osipov, V. Stepanchikov. Voen. vest. 41 no 7:108-110 Jl '61.

Is a rolling barrage necessary? P. Kuznetsov. Voen. vest. 41 no. 7:79-81 Jl '61

Is it necessary to make artillery fire more complex? E. Alekseev. Voen. vest. 41 no. 9:114-115 S '61.

Recoilless weapons against tanks. G. Slashchev Voen. vest. 41 no. 7:111-112 Jl '61.

Tank company gives battle in the depth of the enemy defenses, solution to a problem published in No. 4, 1961. Voen. vest. 41 no. 9:50-51 S '61.

Tank platoon on the defensive. N. Glazkov, V. Moroz Voen. vest 41 no. 7:82-84 Jl '61.

"Tank units in battle" by L. S. Stetsiuk. Reviewed by A. Maikov. Voen. vest. 41 no. 9:124-125 S '61.

Tanks take up a defensive position. V. Smirnov. Voen. vest. 41 no. 7:20-22 Jl '61.

TANKS
(see also subdivision under Stavropol)

Calculating gas-level systems for tank farms. V. I. Titkov, K. G. Tebiev. Trudy VNII no. 35:142-154 '61.

Design of multispan shallow shells with a double curvature over rectangular underground tanks. V. S. Bartenev Sbor nauch. trud. TISI 6:15-53 '61.

Design of tanks filled with liquid against the action of a seismic shock. Trudy TSNIISK no. 6:226-238 '61.

Heat calculation of tanks with floating tops. V. I. Titkov. Trudy VNII no. 35:155-169 '61.

Precast reinforced concrete tanks for petroleum and petroleum products. I. Kolokol'tsova. Stroitel' no. 11: 3-4, 12-13 N '61.

Small tanks made with sliding formwork. N. Kondrat'ev. Stroitel' no. 11:7, 10 N '61.

TANKS (MILITARY SCIENCE)

Development of Soviet tanks during the Great Patriotic War. V. Mostovenko. Voen. -ist. zhur. 3 no. 9:33-45 S '61.

Hills are no barrier. V. Perventsev. Sov. voin 43 no. 21:23-24 N '61.

In a united formation. P. Rotmistrov. Voen. vest. 41 no. 9:28-30 S '61.

We are increasing the mileage between overhauling operations. V. Dvornikov. Voen. vest. 41 no. 7:58-59 Jl '61.

TANNING

Use of high temperature methods for speeding the tanning of stiff leather. A. N. Mikhailov, V. G. Suchkov. Kozh. -obuv. prom. 3 no. 12:14-17 D '61.

TANNING MATERIALS

Use of chestnut as raw material for tanning extracts. A. IA. IAkadin. Kozh -obuv prom. 3 no. 12:17-19 D '61.

TANNINS

Rhododendron aureum Georgi (Rh. chrysanthum Pall.) and its possible use as a tannin plant. G. V. Kurshakova and others. Trudy Bot. inst Ser. 5 no. 9:291-302 '61.

Tannin plants of the central Sayans. P. D. Sokolov. Trudy Bot. inst. Ser. 5 no. 9, 250-290 '61.

TANNU-OLA RANGE—ROCKS, IGNEOUS

Pinus, G. V. [Tannu-Ola intrusive complex (Tuva)] Tannuol'skii intruzivnyi kompleks (Tuva). Novosibirsk, Izd-vo Sibirskogo otd-nila AN SSSR, 1961. 109 p. (Akademiia nauk SSSR. Sibirskoe otdelenie. Institut geologii i geofiziki. Trudy, no. 6)

TANNU-TUVA see Tuva A. S. S. R.

TANTALUM

Ionization of iodine atoms on the surface of heated tantalum. E. P. Sytaia, N. G. Shuppe. Izv. vys ucheb. zav.; fiz. no. 6:52-56 '61.

TANTALUM—ANALYSIS

Extractive and spectrophotometric method of determining tantalum in ores. S. I Zagon. Obog rud 6 no 5 32-33 '61.

T'AO, YÜAN-MING, 365-427

"Realism and national character of T'ao Yuan-ming's works" by Liu Yü-ch'ang. Abstract from "Chiling tahsüeh jênwên k'ohsueh hsüchpao" no. 3 '59 by T. N. Kholmovskaia. Sovr. kit. lit. po obshchestv. naukam no. 44:126-131 '61.

TAPE AND WIRE RECORDERS AND RECORDING see Magnetic recorders and recording

TAPESTRY, FRENCH

Tapestries from the shop of Rafael de la Planche. N Birlukova Soob. Gos. Erm. no. 20:35-40 '61

TAPEWORMS

Tapeworms. G. L. Fabrikant. Doshk. vosp. 35 no. 1:104-108 Ja '62

TAPS AND DIES

Screw tap with a helical groove. IU. Stepanenko Mashino stroitel' no 1 26 Ja '62

TAR
(see also subdivision under Baku)

Determination of the tar content of fuel oils. T M Aliev and others. Khim i tekh topl i masel 6 no. 12 15-18 D '61.

Formation and composition of water-soluble products of thermal decomposition of peat. V. E. Rakovskii, S. S. Mal', N. S. Volosovich. Dokl. AN SSSR 5 no. 12, 558-560 D '61.

Industrial experimental testing of catalytic petroleum detarring process. D. V Mushenko and others Khim i tekh topl i masel 6 no 12 1-7 D '61

Rapid process of tar oxidation in obtaining hard asphalts; compressorless method. A. N. Bodan, V. T. Skliar. Nauch. zap. Ukrniiproekta no. 4:150-166 '61.

Study of tars obtained in the industrial dehydrogenation of butane into butylene. D. A. Aliev. Azerb. neft. khoz. 40 no. 11:37-39 N '61.

TAR ACIDS

Methods for using tar acid. E. D. Levin, I. G. Pravdivyi. Koks i khim. no. 9:54-57 '61.

TARGETS (MILITARY SCIENCE)

Neutralization of unilluminated targets with mortar fire. N. Netuzhilov. Voen. vest. 41 no 7:113-115 Jl '61.

Work of the artillery reconnaissance scout at night. A. Merkulov. Voen. vest. 41 no. 9:83-84 S '61.

TARIFF—LAW see subdivision under Germany, West

TASHKENT—AGRICULTURAL MACHINERY INDUSTRY

Cotton-picking machines will be more efficient and economical. A. Murav'ev. Nar. khoz Uzb. 3 no 6:63-64 Ag '61.

We are improving agricultural machinery. N. Morozova. Nar. khoz. Uzb. 4 no 1:35-36 Ja '62.

TASHKENT—BLOOD—ANALYSIS AND CHEMISTRY

Amount of certain electrolytes in the blood of healthy persons under the climatic conditions of Tashkent. S. N. Babadshanov. Med. zhur. Uzb. no. 6:45-46 Je '61

TASHKENT—COMMUNIST YOUTH LEAGUE

The Communist Youth Leaguers of the University of Central Asia during the Great Patriotic War, 1941-1945. D. A. Dvorkina. Trudy TashGU no 179:131-148 '60.

The Communist Youth organization of the University of Central Asia during postwar five-year plans, 1946-1958. M. Faizov. Trudy TashGU no. 179:149-158 '60.

The first ten years of the University of Central Asia and its Communist Youth League organization N. R. Kosenkov, E. Khaitbaev. Trudy TashGU no. 179:5-105 '60.

History of the Communist Youth League organization of the University of Central Asia during the building and victory of socialism. V. G. Snakov. Trudy TashGU no. 179:106-130 '60.

TASHKENT—CONSTRUCTION INDUSTRY—FINANCE

Building brigades are put on a business accounting basis. I. Bolotin. Nar. khoz. Uzb. 3 no. 8:73-75 Ag '61.

TASHKENT—COTTON-PICKING MACHINERY

Six thousand cotton-picking machines. G. Damidov. Nar. khoz. Uzb. 4 no. 1:36-37 Ja '62.

TASHKENT—HISTORICAL MUSEUMS

Historical Museum of the Peoples of Uzbekistan on the occasion of the 22d Congress of CPSU. N. Sadykova. Obshchestv. nauki v Uz. no. 11:54-55 '61.

TASHKENT—MINERAL WATERS

Treatment of chronic cervicitis and concomitant erosins with Tashkent mineral water. S. A. Kasymova Med. zhur. Uzb. no. 6:24-27 Je '61.

TASHKENT—PUBLIC UTILITIES

Bring order to underground municipal utilities. A. Plakhtii Nar khoz. Uzb 3 no. 8:76-79 Ag '61.

TASHKENT—SURGICAL SOCIETIES

Report on the work of the Tashkent Surgical Society for 1960. S. A. Geller, L. K. Manulkina. Med. zhur. Uzb. no. 6:69-72 Je '61.

TASHKENT—TEXTILE MACHINERY

Economy of 120000 rubles. M. Arutiunov. Nar. khoz. Uzb. 4 no 1,66 Ja '62

TASHKENT—TEXTILE WORKERS—DISEASES AND HYGIENE

Some problems in industrial hygiene and the incidence of diseases of the upper respiratory organs in workers of the Kenaf Knitting and Weaving Factory S S. Salikhodzhaev, I V. Gol'eva, A P. Samsonov. Med. zhur. Uzb. no 7 10-13 Jl '61

TASHKENT—THEATER

Shakespeare on the Uzbek stage. I. Iiitalova. Kul't. i zhizn' 5 no 8,26 '61

TASHKENT—TRANSPORTATION, AUTOMOTIVE—ACCOUNTING

Improve the level of economic work in public automotive transportation. Sh. Mursalimov. Nar. khoz Uzb. 3 no 8:52-55 Ag '61.

TASHKENT—UNDERGROUND CONSTRUCTION

Bring order to underground municipal utilities. A Plakhtii Nar. khoz Uzb. 3 no. 8:76-79 Ag '61

TASHKENT—UNIVERSITIES AND COLLEGES

The Communist Youth Leaguers of the University of Central Asia during the Great Patriotic War, 1941-1945. D. A. Dvorkina. Trudy TashGU no. 179:131-148 '60.

The Communist Youth organization of the University of Central Asia during postwar five-year plans, 1946-1958. M. Faizov. Trudy TashGU no. 179:149-158 '60.

The first ten years of the University of Central Asia and its Communist Youth League organization N R. Kosenkov, E. Khaitbaev. Trudy TashGU no. 179:5-105 '60.

History of the Communist Youth League organization of the University of Central Asia during the building and victory of socialism. V. G. Snakov Trudy TashGU no. 179:106-130 '60.

TASHKENT PROVINCE—COTTON GROWING

More cotton! Tashmat Alizhanov. Nar. khoz. Uzb. 4 no. 1:39 Ja '62.

TASHKENT PROVINCE—ECONOMIC POLICY

Toward new achievements. S. Veselov. Nar. khoz. Uzb. 4 no. 1:33-35 Ja '62.

TASHKENT PROVINCE—PETROLEUM PRODUCTS

Centralized transportation of fuel will produce great effects. Z. Abrarov. Nar. khoz. Uzb 4 no. 1:32 Ja '62.

TASHKENT PROVINCE—STOCK AND STOCKBREEDING

Create a stable material and technical base for stockbreeding. K. Kuzdekov. Nar. khoz. Uzb. 4 no. 1:23-26 Ja '62.

TASHKENT PROVINCE—TRANSPORTATION, AUTOMOTIVE

Centralized transportation of fuel will produce great effects. Z. Abrarov. Nar. khoz. Uzb. 4 no. 1:32 Ja '62

TASTE

Change
summ
no. 9:

Charact
in glos
tologii

Conditi
[with
med.

Effect
taste
Kaslu
fiz. ku

TATAR

Strengt
Polit.

TATAR

Turnov
its de
inst. s

TATAR

On the
2 no.

TATAR A. S. S. R.—GRASSES

Markov, M. V. [Grasses of the Tatar A. S. S. R. (classification key); textbook for students of universities, pedagogical and agricultural institutes, agricultural and forestry workers, teachers, and amateur ethnographers] Zlaki Tatarskoi ASSR (opredelitel'), posobie dlia studentov universitetov pedagogicheskikh i sel'skokhoziaistvennykh institutov rabotnikov sel'skogo i lesnogo khoziaistva, uchitelei i kraevedov-liubitelei. [Kazan'] Izd-vo Kazanskogo univ., 1961. 71 p. (DA)

TATAR A. S. S. R.—LANGUAGES—STUDY AND TEACHING

Foreign language in minority schools. M. Makhmutov. Inostr. iaz. v shkole no. 1:108-117 Ja-F '62.

TATAR A. S. S. R.—PALEOGEOGRAPHY

Sarkistan, S. G., and N. A. Mikhailova. [Paleogeography of the period of the formation of the terrigenous Devonian stratum in Bashkiria and the Tatar A. S. S. R.] Paleogeografiia vremeni obrazovaniia terrigennoi tolshchi devona Bashkirii i Tatarii. Moskva, Izd-vo Akad nauk SSSR, 1961. 231 p. illus.

TATAR A. S. S. R.—PEAS

Advanced pea growing practices in the Tatar A. S. S. R. T. Solov'eva. Zemledelie 23 no. 12:19-20 D '61.

TATAR A. S. S. R.—REVOLUTION, 1917-1921

Kommunisticheskaia partiia Sovetskogo Soiuza. Tatarskii oblastnoi komitet. Partiinyi arkhiv. [For the Soviet regime; a collection of reminiscences by participants in revolutionary events in Tataria] Za vlast' Sovetov; sbornik vospominanii uchastnikov revoliutsionnykh sobytii v Tatarii. Kazan', Tatarskoe knizhnoe izd-vo. Pt. 2. 1960. 317 p.

TATAR A. S. S. R.—WINTER

Warm winter in the Tatar A. S. S. R. R. Sh. Imanaeva. Priroda 51 no. 1:125 Ja '62.

TAUMOTU ISLANDS—MOTHER-OF-PEARL

Hunting for mother-of-pearl. Bengt Danielsson. Znan. sila 36 no. 12:31-34 D '61.

TAXATION

Abolition of taxes levied on wages. F. A. Uriulin. Otv. na vop. rab. no. 12:3-11 '61.

Bogachevskii, M. B. [Taxes in capitalist countries] Nalogi kapitalisticheskikh gosudarstv. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 322 p. [With summaries in English, French, and German]

TAXICABS

Taxicabs servicing institutions. M. Klimova, IU. Kaminskii, M. Blatnov. Avt. transp. 40 no. 1:13-14 Ja '62.

Technical and operational requirements of taxicabs. G. Tokarev, M. Blatnov, I. Plekhanov. Avt. transp. 40 no. 1:35-40 Ja '62.

TAXICABS—EQUIPMENT AND SUPPLIES

Checking taximeters (comments on A. I. Suvorov's article). Izm. tekh. no. 12:31-33 D '61.

TAXICABS—MAINTENANCE AND REPAIR

Achieved by innovators. S. Zav'ialov. Avt. transp. 40 no. 1:49-50 Ja '62.

TBILISI see Tiflis

TEA see subdivision under Georgia

TEACHERS

From the younger to the older group. V. Grimal'skaia. Doshk. vosp. 35 no. 1:81 Ja '62.

It should be a man with a beautiful soul. K. Taits. Doshk. vosp. 35 no. 1:13-14 Ja '62.

"Meetings on the way" by E. IA. Tereshenkov. Reviewed by I. Kliucharev. Nar. obr. no. 1:116-117 Ja '62.

Party leads us to communism. Khamrakul Tursunkulov. Doshk. vosp. 35 no. 1:15-16 Ja '62

TEACHERS, TRAINING OF
(see also subdivision under Belaya Tserkov' District; Bukovina; Leningrad Province; Moscow; Orenburg Province; Tambov Province; Ukraine; Vinnitsa Province; Yefremov, Tula Province)

Editor's mail. Sred. spets. obr. 9 no. 1:63 Ja '62.

"Education and training." Reviewed by S. Ivanov. Nar. obr. no. 1:104-106 Ja '62.

Faculty exercises on extracurricular work. A. A. Tikhonov. Uch. zap. Ped. inst. Gerts. 201:81-90 '61.

Foreword. Uch. zap. Ped. inst. Gerts. 201:3-10 '61.

Forming the personality of a Soviet school teacher in the process of his professional training. A. I. Shcherbakov. Uch. zap. Ped. inst. Gerts. 201:11-39 '61.

How we transmit our best experience. A. Andreev. Nar. obr. no. 1:16-21 Ja '62.

In Leningrad Province the experience of the best is known to all. O. Zharkova. Nar. obr. no. 1:22-23 Ja '62.

Kuz'mina, N. V. [Forming pedagogical abilities] Formirovanie pedagogicheskikh sposobnostei. [Leningrad] Izd-vo Leningr. univ., 1961. 97 p.

Pedagogical training of a foreman. P. Reznik and others. Prof.-tekh. obr. 19 no. 1:17 Ja '62

Training teachers with a thorough knowledge of the history of higher pedagogical education. K. I. Vasil'ev. Uch. zap. Ped. inst. Gerts. 201:59-79 '61.

Working with the teaching staff of the schools. G. I. Chernov and others. Vech. sred. shkola 4 no. 6:34-41 N-D '61.

TEACHERS COLLEGES see subdivision under Leningrad

TEACHING

Is it necessary to guild the pill? Z. Ravkin. Nar. obr. no. 1:41-48 Ja '62.

Let's raise the educational level in kindergartens. Doshk. vosp. 35 no. 1:3-4 Ja '62.

Teacher's behavior and his influence on children. A. N. Znamenskaia. Doshk. vosp. 35 no. 1:66-69 Ja '62

Types and outlines of lessons in technical schools. M. A. Nasonova. Sred. spets. obr. 9 no. 1:51-56 Ja '62.

The way experience in methods accumulates. Vest. vys. shkoly 20 no. 1:80-82 Ja '62.

TECHNICAL ASSISTANCE, RUSSIAN see subdivision under Guinea; India

TECHNICAL EDUCATION
(see also subdivision under Armenia; Dnepropetrovsk; Dushanbe; Karaganda; Novocherkassk)

According to a common plan. V. Kusmartsev. Part. zhizn' no. 3:38-41 F '62.

Defending graduation projects in the English language. L. A. Lineva. Sred. spets. obr. 9 no. 1:32-34 Ja '62.

Development of technical thinking in student workers. I. I. Averbukh. Sred. spets. obr. 9 no. 1:17-24 Ja '62.

Improve the training of engineers and technicians. Avt. transp. 39 no. 12:51-52 D '61.

Meeting the demand of life. V. Kh. Galeev. Vest. vys. shkoly 20 no. 1:60-65 Ja '62.

Rotberg, G. Kh. [People's university of technical creativeness] Narodnyi universitet tekhnicheskogo tvorchestva. [Moskva] Profizdat, 1961. 54 p.

Shikhov, A. S. [Engineering know-how for each worker] Kazhdomu rabochemu - inzhenernye znaniia. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1960. 47 p. (VLKSM komsomol'skomu aktivistu)

Shoulder to shoulder. G. Funikov. Polit. samoobr. 5 no. 7:76-78 Jl '61.

Teacher inventors. K. Zhurbitskii. Nar. obr. no. 1:124-125 Ja '62.

Zavads'ka, O. IA. [Ideas of the classics of Marxism-Leninism on technical education and its inculcation in Soviet schools] Ideï klasikiv marksizmu-leninizmu pro politekhnichne navchannia ta ikh zdiisnennia u radians'kiĭ shkoli. Kyiv, 1961. 48 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukraina'koi RSR. Ser. 9, no. 10)

TECHNICAL EDUCATION—CURRICULA

Let's revise the curricula. D. Kolomeichuk. Prof.-tekh. obr. 19 no. 1:18 Ja '62.

TECHNICAL EDUCATION—TEXTBOOKS

Preparation of educational aids must be centralized; survey of articles. Vest. vys. shkoly 20 no. 1 83-91 Ja '62.

TECHNICAL LIBRARIES

How we work with technical books. N. Lozhineva. Bibliotekar' no. 2:28-29 F '62.

TECHNICAL SOCIETIES
(see also subdivision under Smolensk Province)

Stages of a great development. A. Kardash. NTO 3 no. 12:56-57 D '61.

TECHNOLOGICAL INNOVATIONS
(see also subdivision under Sverdlovsk; Turkmenistan; White Russia)

Achievements of innovators. N. Vavilov. NTO 3 no. 12:44 D '61.

Around the globe. Tekh. mol. 29 no. 12:26-27 '61.

"Creators of innovations in the seven-year plan." Reviewed by V. Morshchikov, A. Torsunov. NTO 3 no. 12:60-61 D '61.

How to present a technological innovation. NTO 3 no. 12:58 D '61.

In economic councils. Mashinostroitel' no. 1:36 Ja '62.

In foreign countries. Nauka i zhizn' 28 no. 10:29 O '61.

In the world of science and technology; developments in foreign countries. Prom. Arm. 4 no. 11:69-71 N '61.

It is interesting to know. Otv. na vop. rab. no. 12:12, 25, 33, 43, 49 '61.

[illegible] achievements of the [illegible] no. 1:46-47 Ja '62.

News of foreign engineering. NTO 3 no. 12:59 D '61.

News of foreign engineering. NTO 4 no. 1:57 Ja '62.

News of Soviet engineering. NTO 3 no. 12:24-25 D '61.

News of the Soviet technology. Tekh. mol. 29 no. 12:10-11 '61

Opening the mail.... Tekh. mol. 29 no. 12:32-33 '61.

Orazgylyzov, Y. [Toward new achievements] Täze üstünliklere tarap; Ashgabadyn TSSR-in XX iyllygy adynaaky mashyn gurlushyk zavodynyn gutuzhly tsekhinin ish tezhribesi barada. Ashgabat, Turkmenistan döwlet neshiriaty, 1961. 22 p. [In Turkmen]

Our workers think. Barys Uatsinau. Belarus' 19 no. 1:13-14 Ja '62.

Pages are rustling. Tekh. mol. 29 no. 12:36 '61.

Problems, discoveries and facts. Ogonek 40 no. 3:14 Ja '62.

Problems, discoveries and facts. V. Gukov and others. Ogonek 40 no. 5:15 Ja '62.

Readers' letters. NTO 3 no. 12:45-46 D '61.

Readers' letters. NTO 4 no. 1:26, 27, 29, 41, 50, 56 Ja '62.

Supplying credit for the purchase of new machinery. K. Arasianov. Den. i kred. 20 no. 1:61-65 Ja '62.

Work of the party organizations in Moscow in improving the role of scientific institutions in the struggle for technological progress in industry, 1933-1937. N. S. Bobkov. Nauch. dokl. vys. shkoly; ist. nauki no. 2:18-30 '61.

TECHNOLOGICAL INNOVATIONS—BIBLIOGRAPHY see Bibliography—Technological innovations

TECHNOLOGY

News from five continents. IUn. tekh. 5 no. 7:52 Jl '61.

Shevchenko, A. IU. [Technological progress is a decisive factor in the high rate of the economic development of the U. S. S. R.] Tekhnichnyi progress - vyrishal'nyi faktor vysokykh tempiv ekonomichnoho rozvytku SRSR. Kyiv, 1961. 41 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 2, no. 12)

TECHNOLOGY—BIBLIOGRAPHY see Bibliography—Technology

TECHNOLOGY—HISTORY

Medvedev, P. E. [Discussions about important scientific discoveries] Besedy o vazhneishikh nauchnykh otkrytiiakh. Minsk, Gos izd-vo BSSR. Red. nauchno-tekhn. lit-ry, 1961. 182 p.

TECHNOLOGY—INFORMATION SERVICES see subdivision under Erivan

TECHNOLOGY AND CIVILIZATION

Shall there be an "era of robots"? M. Davydov, P. Smirnov. Mol. kommu. no. 7:99-107 Jl '61.

TECHNOLOGY AND LAW

The role of law in the acceleration of technological progress. N. A. Ralgorodskii. Izv. vys. ucheb. zav.; prav. 5 no. 2:34-43 '61.

TEETH

Characteristics of the development of mastication in children during the period of bite with the deciduous teeth. E. M. Ter-Pogosian. Trudy LSGMI 63:133-144 '60.

Radiochemical method for determining glycine-C^{14} and $Ca^{45}Cl_2$ in a mixture of calcified tissues [with summary in English]. A. A. Prokhonchukov, Liu Din-sin' (Liu Ting-hsin). Med. rad no. 7:70-72 '61.

TEETH—ABNORMITIES AND DEFORMITIES

Characteristics of bite anomalies in twins. E. E. Slobodnik. Trudy LSGMI 63:149-152 '60.

Orthodontic treatment of anomalies of the bite in cleft palate. L. V. Gorbaneva-Timofeeva. Trudy LSGMI 63:37-42 '60.

Role of bad habits in the development of anomalies of the bite in children. L. G. Mel'nichuk. Trudy LSGMI 63:145-148 '60.

TEETH—DISEASES

Case of acute odontogenic sepsis. A. M. Almazova. Stomatologiia 39 no. 6:67-68 N-D '60.

Effect of caries and the early loss of milk teeth on the time of dentition of permanent teeth. G. D. Frumkina. Stomatologiia 39 no. 6:14-16 N-D '60.

Fissure caries. N. A. Kodola. Stomatologiia 39 no. 6:13-14 N-D '60.

Materials on the problem of caries; results of experimental studies. I. A. Begel'man, M. G. Bugaeva, L. A. Blank. Stomatologiia 39 no. 6:3-13 N-D '60.

State of health in children with multiple dental caries. L. A. Gil'man, IA. L. Fridman, M. M. Kiseleva. Stomatologiia 39 no. 6:16-20 N-D '60.

TEETH—EXTRACTION

Influence of removing the milk molars in children on the development, eruption, and setting of the premolars in the dental arch. O. E. Frumkina. Trudy LSGMI 63:121-127 '60.

TEETH—RADIOGRAPHY

Method for histoautoradiography of dental pulp by using radioactive colloid gold (Au^{198}). N A Mukhin. Stomatologiia 39 no. 6:20-22 N-D '60.

TEETH—TRANSPLANTATION

Replantation of two teeth. I. S. Karchemskii. Stomatologiia 39 no. 6:69 N-D '60.

TEETH—TUMORS

Supernumerary multicoronal tooth odontoma. L. B. Viller. Stomatologiia 39 no. 6:65-66 N-D '60.

TEETH, ARTIFICIAL

Use of various designs of artificial masticatory teeth in removable prostheses (plastic materials porcelain, "Sazur"). I. M. Strekalova. Trudy LSGMI 63:153-159 '60.

TEETHING see Dentition

TEILHARD DE CHADRIN, PIERRE, 1881-1955

"Teilhard's phenomenon" and its discussion IU A. Levada. Vop. filos 16 no 1:153-155 '62

TELAVI DISTRICT—COLLECTIVE FARMS

One day on the Vanta collective farm. D. Bochoridze. Biok. agli. [Gruz.] 18 no. 16:23-24 Ag '61

TELECOMMUNICATION

The institute renders assistance to the industry. M. Vainberg. Radio no 2:10 F '62.

[Manual for workers in the postal telegraph, and telephone communications services] Operator pochtovo-telegrafno-telefonnoi sviazi. [By] B. S. Belikov i dr. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1961. 215 p. (Posobiia dlia sviazistov massovykh professii)

Scientific problems in constructing a uniform system of transmitting information V. N. Roginskii. Vest. AN SSSR 32 no. 1:35-43 Ja '62.

Solomatin, V. M., and D. K. Sukhov. [Electrical engineering and telecommunication] Elektrotekhnika i elektrosviaz'. Moskva, Izd-vo 'Rechnoi transport,' 1960. 347 p.

TELEGRAPH—EMPLOYEES see subdivision under Turkestan

TELEGRAPH, WIRELESS

Iagodin, V. P. [Radio teletype engineering] Tekhnika bukvopechataiushchei radiosviazi. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 149 p. (Tekhnika sviazi)

TELEMETER

Telemetering of flow in wells. V. A. Sushilin. Trudy VNII no. 35:170-181 '61.

TELEMETERING

Problem concerning the calculation of the elements of a pulse shaping and trigger pulse generating network in a cyclic amplitude-pulse telemetering system. V. N. Zhilin. Energ. sbor. no. 2:153-158 '59.

TELEPHONE

Video telephone communications Moscow-Leningrad-Kiev. I. I. Govallo, N. G. Timofeev. Tekh. kino i telev. 6 no. 1:62-63 Ja '62.

TELESCOPE

Electric gear and automatic control of telescopes. IU. A. Sabinin. Vest. AN SSSR 32 no. 1:68-73 Ja '62.

TELESCOPE, RADIO

Artificial radiation source for the calibration of radio telescopes [with summary in English]. IU. I. Barsukov, and others. Vest. LGU 17 no. 1:166-167 '62.

Noise immunity of radio telescopes and threshold of reliable detection. E. S. Burunsuzian. Izv. AN Arm. SSR. Ser. fiz.-mat. nauk 14 no. 6:125-129 '61.

TELETSKOYE LAKE REGION—TICKS

Biology and ecology of the tick Dermacentor silvarum Olen. In the Teletskoy area of the Gornyy Altai. V. I. Benkevich. Sbor. rab. po ekol. i sist. zhiv. no. 1:62-72 '60.

TELETYPE

Iagodin, V. P. [Radio teletype engineering] Tekhnika bukvopechataiushchei radiosviazi. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 149 p. (Tekhnika sviazi)

TELEVISION

Concerning the technological progress in radiobroadcasting and television. N. Psurtsev. Radio no. 1:3-6 Ja '62.

News in brief. Tekh. kino i telev. [illegible]

Our consultations. Radio no. 1:62 [illegible]

Radio broadcasting and television [illegible] M. Egorov. Tekh. kino i telev. 6 [illegible]

Through the pages of foreign magazines [illegible] 51-55 F '62.

Video telephone [illegible] Kiev. I. I. Govallo, [illegible] nash. 6 no. 1:62-63 [illegible]

TELEVISION—ANTENNAS

Erection of an additional antenna for the second television program on standard towers. IU. I. Omel'ianenko. Tekh. kino i telev. 6 no. 1:67-69 Ja '62

TELEVISION—BIBLIOGRAPHY see Bibliography—Television

TELEVISION—CONGRESSES

Twenty-eighth Session of the General Assembly of the International Radio and Television Organization. Tekh. kino i telev. 6 no. 1:96 Ja '62.

TELEVISION—EQUIPMENT AND SUPPLIES

Selecting the optimum shape for a circular metal-glass kinescope. M. P. Sheremet'ev, S. IA. Liaema, D. G. Khlebnikov. Nauch. zap. IMA AN URSR. Ser. mashinoved. 7 no. 7:96-109 '61.

TELEVISION—RECEIVERS AND RECEPTION

How to eliminate the "twisting" of the image in the "Belarus'-5" television receiver V. Kniazev Radio no. 1 39 Ja '62.

Improve the servicing of the television reception network. Radio no. 1:8 Ja '62.

PTK television converter. IU. Kamenskaia, P. Koroheinikov. Radio no. 2:18-24 F '62.

Reply to the inquiries of our readers concerning P. Koroheinikov's article "Methods in television" published in "Radio," no 7-11 for 1960 Radio no. 1 49 Ja '62

Solar activity and long-distance television reception. V. Zharkov. Radio no 2:25 F '62.

Television receiver for amateur use. V. Kostikov. Radio no. 1 40-46 Ja '62.

Video control systems. E. V. Ravich, A. I. Zhukovskii. Tekh. kino i telev. 6 no. 1:51-61 Ja '62.

TELEVISION—REPAIRING

Elimination of faults in the "Luch" television receiver. N. Rakcheev. Radio no. 1:46 Ja '62

Elimination of faults in the PTP block. V. Korablev. Radio no 1:50 Ja '62.

TELEVISION, INDUSTRIAL see Industrial television

TELEVISION BROADCASTING

Television broadcasting from the Soviet Union. Tekh. kino i telev. 6 no. 1:95 Ja '62.

TELEVISION BROADCASTING OF NEWS

Birth of a new profession. IU. Sidorov. Isk. kino no. 12:85-86 D '61.

TELLURIUM

Reduction of tellurium (IV) by cadmium amalgam. E. F. Speranskaia, E. S. Shevchenko. Izv. vys. ucheb. zav.; khim. i khim. tekh. 4 no. 4:545-549 '61.

TELLURIUM—ANALYSIS

Spectral determination of selenium in tellurium. T. P. Smorodina, O. N. Setkina. Izv. vys. ucheb. zav. khim. i khim. tekh. 4 no. 4:565-568 '61.

TEMIR-TAU—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

With new strength. L. Kaikov. Part. zhizn' Kazakh. no. 11:34-37 N '61.

TEMPERATURE—PHYSIOLOGICAL EFFECT

Effect of different salinity and temperature conditions on the growth rate of colonies of the polyzoan Lepralia pallasiana Moll. R. G. Simkina, E. P. Turpaeva. Trudy Inst. okean. 48:200-204 '61.

Effect of temperature on the development of gypsy moth embryos (Ocernia dispar L.) in Moscow Province. V. I. Benkevich. Sbor. rab. po ekol. i sist. zhiv. no. 1:52-61 '60.

Investigating the aftereffect of X rays on the process of mutation [with summary in English]. K. V. Vatti. Issl. po gen. no. 1:12-18 '61.

TEMPERATURE, ANIMAL AND HUMAN see Body temperature

TEMPERATURE REGULATORS

Adsorption fillers for manometric thermal sensitive systems of heat control instruments. V. D. Sivachev, L. A. Anufrieva. Khol. tekh. 38 no. 3:44-45 My-Je '61.

An instrument made in the student's club. IUn. tekh. 5 no. 7:51 Jl '61.

Modernization of thermostatic diaphragm valves. IU. A. Grinnikov. Khol. tekh. 38 no. 3:47 My-Je '61.

Multipoint two-position temperature regulator using an [illegible] tekh. [illegible] 38 [illegible]

[illegible]

[illegible] nash. [illegible]

TEMPORAL BONE—ABNORMITIES AND DEFORMITIES

Anomalies of the styloid process. L. M. Ispuganov. Zhur. ush., nos. i gorl. bol. 24 no 5:75 S-O '61.

TEMPORAL BONE—RADIOGRAPHY

Roentgenography of the temporal bones as a method of diagnosing otitis media [with summary in English] M. D. Emel'ianov Zhur. ush., nos i gorl bol 21 no 5:39-40 S-O '61.

TEMRYUK GULF—COAST CHANGES

The most recent history of the development of the Temryuk shore of the Sea of Azov IU. A. Pavlidis Trudy Inst. okean 48:103-113 '61.

TEN COMMANDMENTS see Commandments, Ten

TENDON OF ACHILLES—WOUNDS AND INJURIES

Late results in the treatment of Achilles tendon injuries. V. S. Kostikov, I. G. Zakashanskii, D. F. Pekarskii. Vest. khir. no. 6:84-90 '61.

TERBIUM

Forbidden El transitions in Tb^{159} and Yb^{173} [with summary in English] G. A. Vartapetian, Z. A. Petrosian, A. G. Khudaverdian. Zhur. eksp. i teor. fiz. 41 no. 6:1704-1709 D '61

TEREK VALLEY—WATER, UNDERGROUND

Water discharge of Mesozoic sediments of the Terek-Kuma artesian basin. L. A. Anisimov. Izv. vys. ucheb. zav. neft' i gaz 4 no. 6:3-8 '61.

TEREPHTHALIC ACID

Polarographic determination of methyl-p-toluate in dimethyl terephthalate IA. I. Turian, IU. A. Vakhrushev. Khim. prom no. 9:65 S '61.

TERESHCHENKO, LIUDMYLA IVANIVNA

Good woman. M. Khoruzhevs'kyi. Doshk. vykh. 23 no. 1:21 Ja '62.

TERNOPOL' PROVINCE—DERMATOMYCOSIS

Control of dermatomycoses in the Ternopol' Province. A. Sh. Dembovich. Vest. derm. i ven. 35 no. 12:60-62 D '61.

TERNOPOL' PROVINCE—NEUROPSYCHIATRY

Psychoneurological aid in Ternopol' Province. V. V. Lastovetskii. Vrach. delo no. 12:130-132 D '61.

TERRACES (GEOLOGY)

Formation and classification of marine accumulative terraces on rising shores. IU S Dolotov. Trudy Inst. okean. 48:172-182 '61.

TERRESTRIAL MAGNETISM see Magnetism, Terrestrial

TERTER VALLEY—ROCKS, SEDIMENTARY

Some data on lithofacies features of Kimmeridge layers in the volcanic formation in the Kyurakchay-Terter interfluve. A. A. Ali-Zade. Izv. AN Azerb. SSR Ser. geol.-geog. nauk i nefti no. 3:31-37 '61.

TESTICLE

Change in the lymphatic system of the tunica albuginea testis in rabbits under conditions of venous stasis [with summary in English]. V. G. Ostroverkhova. Arkh. anat. gist. i embr. 41 no. 9:43-49 S '61.

TESTICLE—RADIOGRAPHY

Changes in the c
action of ioniz
Timofeeva. [illegible]

TESTICLE-

Rare case
tonsil. [illegible]

TESTING L

Centraliz
E. A. Sin
Important
Measuri
no. 12 1
Some prol
tories.

TESTING M

Akademiii
i avtoma
Mashiny
Akad. na
Hungarian
Tekst. pi
Laborator
Nauch. s

TETANUS

(see also
Case of a
zhur. [illegible]

TETANUS (Continued)

Paths of tetanus toxin entry into the central nervous system and some problems in the pathogenesis of experimental tetanus. Report No 2: Experiments on mice, guinea pigs, rabbits and cats [with summary in English] G. N. Kryzhanovskii and others. Biul. eksp. biol i med. 52 no. 8:31-37 Ag '61.

Use of neuroplegic preparations in the compound treatment of tetanus [with summary in English]. I. I. Epishina. Sov. med. 25 no 10:89-92 O '61

TETRACYCLINE

Significance of the functional condition of microbes for the antibacterial action of tetracycline [with summary in English]. V. N Solov'ev, V S. Zueva Antibiotiki 6 no. 6:508-513 Je '61.

Treatment of dysentery in children with tetracycline together with a bacteriophage. R Z. Sherman, O I. Shevlakova, S. D. Tatarinova. Sov. med. 25 no 7 91-95 Jl '61.

TETRALOGY OF FALLOT

Pathological anatomy of the tetralogy, pentad and triad of Fallot L. D Krymskii. Arkh. pat. no. 1 3-16 '62.

TEXTILE FABRICS

Nikitin, M. N. [Layout and calculations in fabric manufacture] Proektirovanie tkanei. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1961. 212 p.

TEXTILE FABRICS—TESTING
(see also subdivision under Hungary)

New method of testing the supporting surface of fabrics. A. E. Budris, V S Zareckas. Tekst. prom. 21 no. 5: 77-79 My '61.

TEXTILE FIBERS—PRESERVATION

Unit for tar impregnation. M. A Soshinskii. Tekst. prom. 21 no 5:74 My '61.

TEXTILE FIBERS—TESTING

Comparison analysis of the extension strain of rayon staple fiber and cotton. E. S. Fridburg. Izv. vys. ucheb zav. ;tekh. tekst. prom. no. 6:22-24 '61.

Factors of potential transmission and mass transfer in stalk fiber materials. N. D. Khomutskii. Izv. vys. ucheb. zav. ,tekh. tekst. prom. no. 6:45-52 '61

Use of radioactive isotopes for determining the straightness and parallelism of fine wool fibers. L. A Lysenko, Z. N. Kreitsberg. Izv. vys. ucheb. zav ;tekh tekst. prom. no. 6:62-67 '61.

TEXTILE FIBERS, SYNTHETIC

All-woven driving belts made of synthetic fibers E. Evteeva, G Volkov. Mashinostroitel' no 1:27 Ja '62.

Kirrets, O. [Chemical textile fibers] Keemilised tekstiilkiudained. Tallinn, Eesti Riiklik Kirjastus, 1961. 220 p [In Estonian]

Methods of preparing monomers and polymers for synthetic fibers manufactured for industrial and experimental purposes. E. A. Abarenkova, E P Velikanov. Trudy LIEI no 36:23-51 '61.

Pilikovskii, M. IA., and V. M. Rybakov. [Processing of synthetic fibers by cotton-spinning machinery] Pererabotka khimicheskikh volokon na khlopkoprindil'nom oborudovanii. Pod red. N. M. Belitsina. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1961. 166 p.

Polypropylene fiber ("Modern Plastics," no. 2, 1961). Plast. massy no. 10:71 '61.

TEXTILE FIBERS, SYNTHETIC—PRODUCTION STANDARDS

[Work organization and establishing technical standards in enterprises manufacturing synthetic fibers] Organizatsiia truda i tekhnicheskoe normirovanie na predpriiatiiakh khimicheskikh volokon. [By] E. P. Ivanova i dr. Moskva, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1961. 176 p.

TEXTILE INDUSTRY

Follow-up of published articles. Tekst. prom. 21 no. 5:87 My '61.

From pages of the periodical "Mekhanizatsiia i avtomatizatsiia proizvodstva," S. M. Levitan. Tekst. prom. 21 no. 5:80 My '61.

From practices of the automation of production. A. Kh. Morozov. Tekst. prom 21 no. 5:49-50 My '61.

International Colloquium on operational planning held in Czechoslovakia. T. B. Pollak, A. A. Shkvartsev. Izv. vys. ucheb. zav. ;tekh. tekst. prom. no. 6:144-145 '61.

Machine unit for the bleaching of textile fabrics. M. I. Strakhov. Tekst. prom. 21 no. 5:69-71 My '61.

Preparing to meet the 22d Congress of the CPSU with suitable achievements. Tekst. prom. 21 no. 5:1-4 My '61.

Rates of expansion of the textile industry in the U. S. S. R. Z. V. Bobrova. Tekst. prom. 21 no. 5:5-7 My '61.

Representatives of industry, B. Moiseev. Sov. torg. 35 no. 1:23-28 Ja '62.

Saving of electric power in the textile industry. S. P. Bychkov. Prom. energ. 15 no. 7:4-7 Jl '60.

TEXTILE INDUSTRY—BIBLIOGRAPHY see Bibliography—Textile industry

TEXTILE INDUSTRY—EQUIPMENT AND SUPPLIES

New conveyer for lap transport. F. M. Migukin and others. Tekst. prom. 21 no. 5:51-53 My '61.

TEXTILE INDUSTRY—HYGIENIC ASPECTS

Some problems of industrial hygiene in flax and hemp mills E. D. Baknalinskaia Vrach. delo no. 12:117-121 D '61.

TEXTILE INDUSTRY—LABOR PRODUCTIVITY see subdivision under Uzbekistan

TEXTILE INDUSTRY—STANDARDS

Quality again and again! P. Krukovskii. Sov. torg. 35 no. 2:6-8 F '62.

TEXTILE INDUSTRY—TECHNOLOGICAL INNOVATIONS see subdivision under Yegor'yevsk

TEXTILE MACHINERY
(see also subdivision under Tashkent)

Analysis of the performance of the interception mechanism of the TMM-200K scutcher and ways of its redesigning. L. I. Kabanov. Izv. vys. ucheb. zav. ;tekh. tekst prom. no. 6:40-44 '61.

Fabrics which are not woven. N. Gnezdev. Neva no. 7: 217 '61.

Improving the waste removing unit developed by the Ivanovo Scientific Research Institute of the Textile Industry. A. M. Nesobeev. Tekst prom. 21 no. 5 51 My '61.

Motion of the wire set in relation to the fabric in the process of napping. B. K. Kucherov, N S. Makhova Izv vys. ucheb. zav. ;tekh. tekst. prom. no. 6:130-135 '61.

TEXTILE MACHINERY—AERODYNAMICS

Longitudinal pull of the thread by the air stream. S. G. Popov. Tekst. prom. 21 no. 5.57-59 My '61.

TEXTILE MACHINERY—DESIGN AND CONSTRUCTION

Profile of the cones of the scutcher pedal regulators. M. A. Khokhlov. Izv. vys. ucheb. zav. ,tekh. tekst. prom. no. 6:53-61 '61.

TEXTILE MACHINERY—STANDARDS

Types and dimensional series of reeling and warping machines. V. A. Kokorev, V. B. Livshits. Standartizatsiia 26 no. 1:35-39 Ja '62.

TEXTILE MACHINERY—TECHNOLOGICAL INNOVATIONS see subdivision under Kirovakan

TEXTILE MACHINERY—TESTING

Energy expended by scutchers for flax scutching. N. N. Suslov. Izv. vys. ucheb. zav. ;tekh. tekst. prom. no. 6: 136-130 '61.

TEXTILE PRINTING

Sinegub-Lavrenko, A. A., V. I. Anisimov, and L. A. Tarasova. [Photomechanical methods for the production of screens for textile printing] Fotomekhanicheskie sposoby izgotovleniia form dlia pechati na tkaniakh. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1961. 142 p.

TEXTILE WORKERS see subdivision under Monino

TEXTILE WORKERS—DISEASES AND HYGIENE see subdivision under Tashkent

THALASSA (SHIP)

"Thalassa," the new oceanographic trawler of the French Scientific and Technological Institute of Marine Fisheries. A. A. Neiman. Okeanologiia 1 no. 6:1101-1102 '61.

THAWING

Kuz'min, P. P. [The process of the melting of snow] Protsess taianiia snezhnogo pokrova. Leningrad, Gidrometeor. izd-vo, 1961. 344 p.

THEATER
(see also subdivision under Armenia; Calcutta; Czechoslovakia; Daghestan; Dushanbe; Estonia; France; Frunze; Iraq; Kabardino-Balkar A. S. S. R.; Kazakhstan; Kustanay Province; Leningrad; Lvov; Mongolia; Moscow; Novosibirsk; Odessa; Orenburg Province; Paris; Riga; Rostov Province; Saratov; Tashkent; Tiflis; Ukraine; Virgin Territory)

"The Bolshevik press and the theater" by E. Gugushvili, A. Iufit. Reviewed by B. IAkovlev. Teatr 23 no. 1: 164-166 Ja '62.

Faith in the people. V. Chestnokov. Teatr 23 no. 1: 18-19 Ja '62.

Grandiose range. A. Stepanova. Teatr 23 no. 1:17-18 Ja '62.

Great days. N. Okhlopkov. Sov. voin 43 no. 14:45 Jl '61.

News from Leningrad and other cities. Teatr 23 no. 1: 174-175, 177, 179, 183 Ja '62.

News from Simferopol' and other cities. Teatr 22 no. 8: 142, 147-148 Ag '61.

On the future of our theater. Vl. Prokof'ev. Teatr 23 no. 1:87-107 Ja '62.

Repertoire of theaters for 1961. Teatr 23 no. 1: 170-171 Ja '62.

Results and tasks. Teatr 22 no. 8:13-16 Ag '61.

Soviet dramaturgy abroad. E. Sh. Teatr 22 no. 8: 182-185 Ag '61.

Theaters greet the 22d Congress of the CPSU. Teatr 22 no 8:134 Ag '61

Thoughts on theatrical form. Volodymyr Sukhodol's'kyi. Mystetstvo 8 no 6:24-25 N-D '61.

The year 1962. Vl. Pimenov. Teatr 23 no. 1:3-16 Ja '62.

THEATER—BIBLIOGRAPHY see Bibliography—Theater

THEATER—PERIODICALS

Addressed to the mass reader. IU. Zubkov. Sov. voin 43 no. 14:44 Jl '61.

Popular, illustrated, . . . Ogonek 40 no. 3:32 Ja '62.

THEATER—PRODUCTION AND DIRECTION

Head stage director of the provincial theater. Vl. Pimenov. Teatr 22 no. 8:87-93 Ag '61

THEATER IN ART

Pastimes of Emilila Alekseandrova. A. S. Teatr 23 no. 1:180-181 Ja '62.

THEATERS—EMPLOYEES

Invisible to the audience. IA. Malkutin. Teatr 22 no. 8: 153-160 Ag '61.

THEOBROMINE

Pharmacology and clinical use of some hypotensive preparations. G. T. Pis'ko, E. IU. Revenskaia. Vrach. delo no. 6.146 Je '61.

THEODOLITES

Theodolite-tachymeter Theo 020 with a stabilized index of the vertical circle. V. Freind. Geod. i kart no 12: 57-62 D '61.

THEORY OF ERRORS see Errors, Theory of

THERAPEUTICS

Kolybina, O. D. [Principles of a therapeutic and prophylactic regimen] Osnovy lechebno-okhranitel'nogo rezhima. Moskva, Medgiz, 1961. 108 p. (DNLM)

THERAPEUTICS—STUDY AND TEACHING

Instruction in therapy in the fifth and sixth courses. L. S. Shvarts. Terap. arkh. 33 no. 8:112-115 '61.

THERAPEUTICS, PHYSIOLOGICAL
(see also subdivision under Sochi)

Compound treatment making use of physical factors of patients with the residual manifestations of tick-borne encephalitis. S. S. Magazanik. Vop. kur., fizioter. i lech. fiz. kul't. 26 no. 6:538-543 N-D '61.

General theory of the action of health resort factors or the general theory of health resort therapy. G. A. Nevraev. Vop. kur., fizioter. i lech. fiz. kul't. 24 no. 6: 551-555 N-D '59.

Theoretical bases of health resort therapy. F. D. Vasilenko. Vop. kur., fizioter. i lech. fiz. kul't 24 no. 6:481-485 N-D '59.

Use of intestinal lavages in skin diseases. P. K. Shaposhnikov. Vop. kur., fizioter. i lech. fiz. kul't 26 no. 6: 514-517 N-D '61.

Work of the physiotherapy room in a stomatology department. T. K. Krasova. Stomatologiia 39 no. 6:60 N-D '60.

THERAPEUTICS, PHYSIOLOGICAL—CONGRESSES

Out-of-town session of the Academy of Medical Sciences of the U. S. S. R. in the Caucasian mineral waters region. M. Z. Khaikin. Vop. kur., fizioter. i lech. fiz. kul't, 24 no. 6:557-563 N-D '59.

THERAPY, PARENTERAL see Parenteral therapy

THERMAL STRESSES

Effect of the speed of tension on the formation of hot cracks in silumin specimens. IA. A. Smolianitskii, N. I. Kaplii. Izv. vys. ucheb. zav., tsvet. met. 4 no. 3:129-135 '61.

THERMISTORS

Using thermopiles and thermistors in measuring current in a measuring antenna. V. S. Businov. Izm. tekh. no. 12:54-55 D '61.

THERMOCHEMISTRY

Kinetics and mechanism of thermal decomposition of sodium dithionate. M. M. Pavliuchenko, M. P. Gilevich, V. I. Kulikov. Dokl. AN BSSR; 5 no. 12:554-557 D '61.

THERMOCOUPLES

Thermal inertia of thermocouples. IU. A. Zholkov. Izm. tekh. no. 12:36-37 D '61.

THERMODYNAMICS

Applicability of prigogine's theorem to biology. K. S. Trincher. Biofizika 6 no. 6:750-752 '61.

THERMODYNAMICS (Continued)

Calculation of the thermodynamic properties of gaseous solutions of water in ethylene and the plotting of thermal diagrams D S. TSIkitis, A. I. Kulikova, L. I Shenderei. Khim. prom no. 1:52-56 Ja '62.

Flow of dissociating nitrogen between two parallel plates [with summary in English]. L. A. Kulonen Vest. LGU 17 no 1 116-123 '62.

Fusing of centrally symmetrical bodies by a heat flow during entrainment of the liquid phase A S Pleshanov Zhur tekh fiz, 32 no 1 106-111 Ja '62

Nozdrev, V. F. [Course in thermodynamics] Kurs termodinamiki. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 250 p.

Relation between the thermal diffusion coefficient and the thermodynamic properties of binary mixtures Part 1. Calculation of the thermal diffusion coefficient of dense gases L. S. Kotousov. Zhur tekh fiz 32 no. 1:89-100 Ja '62.

Two-layer steady-state thermal convection problem. L. I. Rubinshtein. Izv. vys ucheb. zav. ;mat. no. 1 143-158 '62.

THERMOELECTRIC GENERATORS

Current oscillations in a thermoelectronic energy converter with cesium vapors N. D. Morgulis, S. M. Leviteskii, I. N. Groshev. Radiotekh i elektron 7 no. 2: 352-353 F '62.

THERMOELECTRICITY

Using the thermoelectric method in investigating physical properties of alloys. D. G. Kurilekh. Biul. nauch.-tekh. inform. VNITI no. 4/5:190-194 '58.

THERMOMETERS

Apparatus for calibrating thermographs P. V. D'iachenko, V. A Parnishchev. Trudy GGO no. 116 47-52 '61.

Thermistorized thermometer with a thermal-compensation shunt. B. I. Mikhailov. Priborostroenie no 1: 19-20 Ja '62.

THERMONUCLEAR REACTIONS

Problem of controlled thermonuclear synthesis. I. A. Artsimovich Vest. AN SSSR 32 no 1,7-15 Ja '62.

THERMONUCLEAR REACTIONS—CONGRESSES

International Conference on Plasma Physics and Controlled Thermonuclear Reactions. E. I. Kuznetsov, E. P. Velikhov. Atom energ. 12 no. 2:101-110 F '62.

List of reports presented at the International Conference on Research in the field of Plasma Physics and Controlled Thermonuclear Synthesis, organized by MAGATE at Salzburg, Austria, on September 4-9, 1961. Atom. energ. 12 no. 2:174-180 F '62.

THERMOPILES

Using thermopiles and thermistors in measuring current in a measuring antenna. V. S. Bustnov. Izm. tekh. no 12 54-55 D '61.

THERMOPLASTICS—WELDING

Welding of thermoplastics. R F. Lokshin. Plast. massy no. 9:30-35 '61.

THERMOSTAT

Automatic control of thermal conditions in gas-fired reverberatory furnaces. Z. N. Gotselov, E. IA. Rapoport. Mekh. i avtom. proizv. 16 no. 1:29-31 Ja '62.

Automatic temperature regulation. A. Erkin. Sov. foto 22 no. 1:26-27 Ja '62.

On-off temperature controller for dry-air thermostats. M. I. Abdrakhmanov, A. G. Akhmetov Priborostroenie no. 1:26 Ja '62.

Thermostat for testing the clock mechanisms of self-recorders. P. V. D'iachenko, V. A. Parnishchev. Trudy GGO no. 116:53-55 '61.

THIADIAZINE

Diuretic and hypotensive action of hypothiazide. N. A. Ratner and others. Terap. arkh. 33 no. 10:92-102 '61.

Use of hypothiazide in treating hypertension [with summary in English]. L. A. Lantsberg. Klin. med. no. 1 48-53 '62.

THIADIAZOLE SULFONAMIDE

Diacarb. Kardiologiia 1 no. 2:79 Mr-Ap '61.

THIAMINE

Medicinal treatment of peptic ulcer [with summary in English]. A. G. Gukasian. Terap. arkh. 33 no. 8:10-15 '61.

Treatment of eczemas with a preparation containing vitamin B complex, dimedrol and novocaine ("VDN-6") [with summary in English]. V. A. Dobrotvortsev. Sov. med. 25 no. 8:113-116 Ag '61.

THIAZOLIDINECARBOXYLIC ACID

Use of Batyl alcohol and leukogen in radiation leucopenia. E. N. Mozharova, A. M. Rusanov, R. S Komarova. Med rad. no. 9:13-16 '61.

THICKNESS MEASUREMENT

Electronic micrometer for the continuous measuring of the thickness of rolled strips of nonferrous metals. N. IA. Zaslavskaia. Trudy Inst. energ. AN Kazakh. SSR 2:116-120 '60.

Thickness gauge for castings. D. I. Zigberman. Bumagodel. mash no. 9 181-186 '61

THINNER (PAINT MIXING)

Vsesoiuznyi nauchno-issledovatel'skii institut novykh stroitel'nykh materialov. [Instructions for using organic and emulsion thinners for oil pigment pastes in construction] Instruktsiia po primeneniiu v stroitel'stve organicheskikh i emul'sionnykh razbavitelei dlia gustotertykh maslianykh krasok. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 8 p.

THIOCYANO COMPOUNDS

Effect of iron on the color of a rhenium-thiocyano complex. V M Tarasian, N S Nalbandian Izv AN Arm SSR Khim. nauki 14 no. 5 435-440 '61.

THIOLIGNIN

Sulfur of thiolignins. IU. V. Zhigalov, D. V Tishchenko. Zhur. prikl. khim 35 no. 1:147-153 Ja '62.

THISTLE

Pharmacognostic study of Carlina Biebersteinii Bernh. Z. F. Siuzeva. Trudy Perm. farm. inst. no. 1 101-120 '59

THIOURACIL

Effect of oxygen and thiouracil on the course of radiation sickness in animals T. G. Mankus, K A Shafrina. Med. zhur Uzb. no 7:50-52 Jl '61

THORACIC ARTERY

Effect of bilateral ligation of the internal thoracic artery on the development of collateral circulation in the heart in coronary insufficiency. A. I. Drevina. Vest. khir. no 8:36-43 '61.

Immediate and late results of bilateral ligation of the internal thoracic artery in stenocardia. A A Nersesian, I N Rybkin Klin med. no 1:44-48 '62.

Ligation of the internal thoracic arteries in a patient with stenocardia and stomach cancer. S. T. Zakhar'ian. Vest. khir. no. 6:107-108 '61.

Study of the polarogram, volume of coronary blood flow and the electrocardiogram in ligation of the internal thoracic arteries in an experiment [with summary in English]. L. B Shimeliovich. Kardiologiia 1 no. 6: 31-36 N-D '61.

THORACIC DUCT—BLOOD SUPPLY

Sources of the arterial blood supply of the human thoracic duct [with summary in English]. V. I. Maliuk Arkh. anat. gist. i embr 41 no 9:103-110 S '61.

THORIUM

Possibility for separate determination of uranium and thorium on measurements of γ-ray spectra from ores occurring naturally. S. G. Troitskii, V. L. Shashkin, K. I. Bykova. Atom. energ. 12 no. 1:70-72 Ja '62.

THOUGHT AND THINKING

Antsyferova, L. I. [Regularities in elementary cognitive activity] O zakonomernostiakh elementarnoi poznavatel'noi deiatel'nosti. Moskva, Izd-vo Akad. nauk SSSR, 1961. 149 p.

The concrete and the abstract in the mental activity of pupils. E. N. Kabanova-Meller. Vop. psikhol. 7 no. 6: 173-178 N-D '61.

Mental operations during the process of conscious problem solving [with summary in English]. L. L. Gurova. Vop. psikhol. 7 no. 6:93-104 N-D '61.

Problem of transfer in the study of grammar [with summary in English] S. F. Zhuikov. Vop psikhol. 7 no 5:90-98 S-O '61.

Protasenia, P. T. [Problems in communication and thought among primitive peoples] Problemy obshchenila i myshlenila pervobytnikh liudei. Minsk, Izd-vo M-va vysshego, srednego spetsial'nogo i professional'nogo obrazovanila BSSR, 1961. 150 p.

Solution of thought problems as a probability process [with summary in English]. O. K. Tikhomirov Vop. psikhol 7 no 6:63-76 S-O '61.

Some characteristics of the thinking of school children with slight aptitude for mathematics [with summary in English]. V. A. Kruteiskii. Vop. psikhol. 7 no. 5:77-89 S-O '61.

THRACE—ETHNOLOGY

Ethnogenesis of the Thracian tribes [with summary in English]. T. D. Zlatkovskaia. Sov. etn. no. 6:82-94 N-D '61.

THROAT—DISEASES

Angina incidence among miners of the Sadonsk ore deposits [with summary in English]. N. F. Pitenko, G. G. Chemianov, S. V. Sabanov. Zhur. ush., nos. i gorl. bol. 21 no. 4:81-83 Jl-Ag '61.

THROMBOSIS

Clinical record of the treatment of otogenic sinusthrombosis [with summary in English]. G. M. Starikov. Zhur. ush., nos. i gorl. bol. 21 no. 4:18-21 Jl-Ag '61.

Diagnosis of a free thrombus in the left auricle. T. A. Mirzoev. Klin. med. no. 1:131-133 '62.

In vivo destruction of experimental thrombus in the coronary vessels [with summary in English] E I. Chazov. Biul eksp. biol i med. 52 no. 8:22-25 Ag '61

Prevention of thromboembolic complications in the surgical treatment of mitral defect [with summary in English] F G Uglov, L V. Potashov Vest. khir. no 7 3-10 '61

Thrombosis of aneurysmal dilatation of the orifice of the vena saphena magna simulating strangulated femoral hernia. I. M. Kuz'mina, K. P. Kuz'min. Vest. khir no. 5:136-137 '61

THRUSHES

(see also subdivision under Orekhovo-Zuyevo region)

Fieldfare. E. Spangenberg. IUn. nat. no. 12:12 D '61.

THUNDERSTORMS

Thunderstorm in winter. V. A. Mezentsev. IUn. nat. no 12,29-30 D '61.

THYMUS GLAND

Lymphatic system of the human thymus gland [with summary in English]. E. A Vorob'eva. Arkh anat gist i embr 41 no 9 60-66 S '61

THYMUS GLAND—RADIOGRAPHY

Changes in Hassall's corpuscles during thymus regeneration under X-ray irradiation [with summary in English]. D G Malkina Biul eksp. biol. i med. 52 no. 10 104-109 O '61

THYROID GLAND

Dependence of the tonus of the reticular formation of the brain stem to the endocrine functions of the thyroid gland. A. M. Marits. Fiziol. zhur. 47 no. 10 1235-1240 O '61.

Diagnostic value of the method for determining the function of the thyroid gland by means of radioactive iodine. E D Chebotareva Vrach delo no 6 68-71 Je '61

Effect of experimental hypothyreosis on the milk productivity in buffalo cows [in Azerbaijani with summary in Russian]. M. G. Aliev. Trudy Sekt fiziol AN Azerb SSR 4:120-124 '60

Functional state of the thyroid gland in pulmonary tuberculosis; according to data from a study using the radio-indication method [with summary in English]. N. R. Turupanova. Sov. med. 25 no. 10:23-29 O '61.

Influence of photoperiodic conditions on the thyroid gland in swine [with summaries in English, German, and French]. A. IA. Klochkova. Vest. sel'khoz. nauki 6 no 11 68-72 N '61.

Study of the functional state of the thyroid gland with the aid of the DSU-50 apparatus. M N Fateeva and others Med. rad. no 9 68-71 '61.

Tissue respiration and iodine metabolism in the thyroid gland of rats after a single administration of antithyroid preparations [with summary in English]. M. F. Merkulov, M. G. Khavanskaia. Farm. i toks 24 no. 3:347-351 My-Je '61.

THYROID GLAND—CANCER

Clinical aspects and treatment of cancer of the thyroid gland [with summary in English]. L. N. Kamardin Sov. med. 25 no. 8:3-8 Ag '61.

Clinical aspects and treatment of thyroid gland cancer [with summary in English] E. S. Drachinskaia. Vest. khir. no. 1:24-34 '62.

THYROID GLAND—DISEASES

Andreeva, M. P. [Diseases of the thyroid gland] Zabolevaniia shchitovidnoi zhelezy. [Leningrad] Medgiz, 1961. 36 p. (Nauchno-populiarnaia meditsinskaia literatura)
(DNLM)

Change in the secretory activity of the stomach in thyrotoxicosis treated with I^{131} [with summary in English] L. I. Kurbatova. Terap. arkh. 33 no. 10:45-50 '61.

Changes in the heart in thyrotoxicosis under the influence of treatment with radioactive iodine [with summary in English]. E. V. Budagova. Vrach. delo no. 12:86-88 D '61.

Consecutive development of hypertension and thyrotoxicosis. IA. M. Miloslavskii, R. D. Khubutiia. Klin. med. no. 1:127-129 '62.

Diagnosis and therapy in acute thyroiditis and strumitis. N. I. Truten' Vrach delo no. 6:71-74 Je '61.

External respiration in various stages of thyrotoxicosis and the formation of Basedow's disease [with summary in English]. A. A. Dubrovskii. Vest khir. no. 1:40-45 '62.

Functional state of the implanted and the patient's own thyroid glands after treatment for hypothyreosis [with summary in English]. V. M. Udod. Vest. khir. no. 1: 52-55 '62

Preoperative management of patients with thyrotoxicoses [with summary in English]. IU. V. Riabov. Vest. khir. no. 6:13-19 '61.

Protein fractions in the blood serum and the protein-forming function of the liver in thyrotoxicosis. S. I. Rakhimov. Zdrav. Tadzh. 8 no. 6:50-52 N-D '61.

Role of blood transfusion in treating thyrotoxicosis. D. A. Makar. Vest. khir. no. 6:28-30 '61.

THYROID GLAND—RADIOGRAPHY
Absorption of radioactive iodine by the thyroid gland and disorder of its function in chronic experimental conditions. V.L. Shvedov. Med rad. no.6:38-41 '61.
Action of radioactive iodine on the thyroid, pituitary and adrenal glands in rabbits [with summary in English]. G.I.Kutakh. Med.rad. no.6 42-44 '61.
Thyroid gland function in dogs at various times after total-body irradiation. E.N.Antipenko, B.I.Davydov, IU.A.Klassovskii. Med.rad no 6 44-47 '61.

THYROID GLAND—SURGERY
Staircase approach to the thyroid gland in strumectomy E. I. Darenskii Vest. khir no 1:133-134 '62

THYROID GLAND—TRANSPLANTATION
Functional state of the implanted and the patient's own thyroid glands after treatment for hypothyreosis [with summary in English]. V. M. Udod Vest khir. no. 1: 52-55 '62

TIBET—BLOCK-BOOKS
Collection of Tibetan xylographs from G. TS. TSybikova's collection M. I Vorob'eva-Desiatovskaia Krat soob Inst nar Azii no 57:137-142 '61

TIBET—HISTORY
Several questions on the history of Tibet in the interpretation of the Bon "Gie-pan." V. A. Bogoslovskii Krat soob Inst nar Azii no 57 5-9 '61

TIBETAN LANGUAGE—PHONOLOGY
Method of describing combined phonemes in a syllable. IU. K. Lekomtsev. Krat. soob. Inst nar Azii no 57 71-72 '61.

TIC
Diaphragmatic tic M. S.Shneider, E. Z. Neimark. Terap. arkh. 33 no. 8:105-107 '61.

TICKS
(see also subdivision under Teletskoye Lake region)
Repellent and acaricide action of kiuzols on Siberian ticks and mosquitoes. N. I. Riabov, O. S. Sakovich. Voen.-med. zhur. no 7:50-53 Jl '61

TICKS AS CARRIERS OF DISEASE
Compound treatment making use of physical factors of patients with the residual manifestations of tick-borne encephalitis. S.S. Magazanik. Vop. kur., fizioter. i lech. fiz kul't. 26 no.6:538-543 N-D '61.
Problem of tick encephalitis from the therapeutist's position. G. L. Khasis. Terap. arkh no 6:75-84 '61.
Prophylactic measures against the appearance of outbreaks of tick-borne spirochetosis in new building projects B. N. Kazantsev, Kh. I Mamkeeva. Zdrav. Tadzh. 8 no. 5:21-24 S-O '61
Some data on the geography of tick-borne encephalitis in Siberia. S. M. Pavlukhin. Geog. sbor. no. 14:145-155 '61.

TIDES
Formation of the underwater slope under conditions of moderate tides. B. A. Popov. Trudy Okean. kom. 12: 54-66 '61.
Ripp-marks in the coastal zone of a tidal sea. V. I. Budanov, V. S. Medvedev. Trudy Okean. kom 12:73-77 '61.
Russian studies of the earth's deformations, due to lunar and solar attraction, conducted during 1892-1920. A. E. Medunin. Trudy inst. ist. est. i tekh. 43 151-164 '61

TIEN SHAN—CORALS, FOSSIL
Habitat of corals in the Ludlou and Gedinnian seas in the Tien Shan. V. D. Chekhovich. Inform. sbor. VSEGEI no. 42:43-52 '61.

TIEN SHAN—PHYSICAL GEOGRAPHY
On the concept of the inner Tien Shan. B. A. Lunin, V. M. Chupakhin. Izv. Vses geog. ob-va 93 no. 6:500-501 N-D '61.

TIEN SHAN—PRECIPITATION (METEOROLOGY)
Precipitation in the eastern part of the central Tien Shan. A. E. Khanadeev. Trudy Sred.-Az. nauch.-issl. gidrometeor. inst. no. 4:72-76 '61.

TIEN SHAN—SEA LILIES
Stalks of sea lilies from the Carboniferous deposits of Tien Shan and Darvaza. R. S. Eltysheva, T. V. Shevchenko. Izv. Otd. geol. -khim. i tekh. nauk AN Tadzh. SSR 1:118-125 '60.

TIEN SHAN—WINDS
Wind regime in the eastern part of the central Tien Shan. A. E. Khanadeev. Trudy Sred.-Az. nauch.-issl. gidrometeor. inst. no. 4:58-71 '61.

TIEN SHAN PROVINCE—TOMBS
Several types of burial structures among the Kirghiz. S. M. Abramzon. Krat. soob. Inst. arkheol. no. 86:113-116 '61.

TIFLIS—CLOTHING INDUSTRY
For the honor of the factory's mark. I. Gulordava. Blok. agit. [Gruz.] 18 no. 16:20-22 Ag '61.

TIFLIS—HOTELS, TAVERNS, ETC.
A high calling. I Gladkov. Zhil.-kom. khoz 11 no. 10: 30 O '61

TIFLIS—MOTOR VEHICLES—MAINTENANCE AND REPAIR
Work of the shock brigades continues. G. Avlakhov. Avt transp. 40 no. 1:53 Ja '62.

TIFLIS—PIPE MILLS
Organizing the rolling of large-diameter thin-walled pipes on the heavy-duty automatic unit at the Zakavkazskiy Metallurgical Plant. V. IA. Ostrenko, L. D. Bobrakov. Biul. nauch.-tekh inform. VNITI no 4/5 17-23 '58.

TIFLIS—RAILROADS—EMPLOYEES
Greet Railroad Worker's Day. V. Peradze Blok. agit. [Gruz.] 18 no. 14:16-18 Jl '61

TIFLIS—STREETCARS
"Tbilisi" coupled streetcar. R. Omarov. Zhil.-kom khoz. 11 no. 10 31 O '61.

TIFLIS—THEATER
"Pirosmani." N. Gurabanidze. Teatr 23 no. 1: 120-122 Ja '62.

TIFLIS REGION—IONOSPHERE
Motions in the F region of the ionosphere over Tiflis during the eclipse of Feb 15, 1961. B S Shapiro, V. M Shashun'kina. Geomag i aer 1 no. 5.760-765 S-O '61
Preliminary results of observations on the ionospheric effect of the solar eclipse of Feb 15, 1961. V. M. Shashun'kina, R I Turbin Geomag. i aer. 1 no. 5 835-838 S-O '61.

TIFLIS REGION—MAGNETISM, TERRESTRIAL
Ancient magnetic field of the earth in the Tiflis region according to archaeomagnetic data. S P. Burlatskaia. Geomag. i aer. 1 no. 5 803-806 S-O '61

TIKHAYA BAY—MAGNETISM, TERRESTRIAL—OBSERVATIONS
Thirty years' work at the polar magnetic station in Tikhaya Bay. A. P. Nikol'skii. Probl. Arkt. i Antarkt. no. 9:104 '61.

TIKSI BAY—SEA ICE—THERMAL PROPERTIES
Results of calculating the heat conductivity of sea ice. D. S. Ipatov. Probl. Arkt. i Antarkt. no. 9:79-82 '61.

TILE LAYING
Polymer and cement mortar for tiling. V. Smelianskii. Stroitel' no. 11:23-24 N '61.

TILLAGE
(see also subdivision under Balkan Peninsula; Buryat-Mongolia)
Primary cultivation practices for drained bogs. M. F. Neznaev. Gidr. i mel. 14 no. 2 32-41 F '62.

TIMAN RIDGE—GEOLOGY
Structure and stratigraphy of Paleozoic sediments in the trans-Alay Range and the northern Timan Ridge. M. N. Solov'eva, IU. B. Kazmin, V. V. Kozlov. Izv AN SSSR. Ser. geol. 27 no. 2:64-72 F '62.

TIMAN RIDGE—GEOLOGY, STRATIGRAPHIC
Boundary between the Carboniferous and Permian in the Timan Ridge. V. A. Raznitsyn. Izv. AN SSSR. Ser. geol 27 no. 2:94-97 F '62.

TIMBER LINE
Radiation heating of the active surface and the timber line. F. F. Davitaia, IU. S. Mel'nik. Meteor. i gidrol. no. 1 3-9 Ja '62.

TIME CLOCKS
Time reckoning system of the future. M. E. Zhabotinskii, I. L. Radunskaia. Priroda 51 no. 1:49-56 Ja '62

TIME-LAPSE PHOTOGRAPHY see Photography, Time-lapse

TIME MEASUREMENTS
Using the wrist watch in determining the azimuth by observations on Polaris. E. B. Knaub. Geod. i kart. no. 12.12-17 D '61.

TIN
Isomeric energy shifts in the 23.8 Kev. gamma-transition in the Sn^{119} nucleus [with summary in English]. V. S. Shpinel', V. A. Brikulianov, N. N. Deliagin. Zhur. eksp. i teor. fiz. 41 no. 6:1767-1770 D '61.

TIN—ANALYSIS
Bromide-chloride as the support for the polarographic determination of tin in the presence of interfering metals. F. K. Baev. Uch. zap. RGU 41:135-144 '58.
Determination of tin in ferromolybdenum. E. V. Silneva, V. I. Kurbatova. Zav. lab. 27 no. 12:1462-1464 '61.

TIN ORES see subdivision under Siberia, Eastern

TIN-ZINC ALLOYS see Zinc-tin Alloys

TIRE FABRICS
(see also subdivision under Yaroslavl)
Calculating the strength of rayon cord yarn. D. I. Kalandarov. Izv. vys. ucheb. zav. tekh. tekst. prom no. 6:25-30 '61.
Effect of the compounding ingredients of carcass rubbers on the adhesive strength of rubber-cord systems D. B. Bogoslavskii and others. Kauch. i rez. 21 no. 1:29-33 Ja '62.
Intensifying the production of resorcinol-formaldehyde solutions for latex impregnation compounds I A. Levitin and others Kauch. i rez 21 no. 1:47-49 Ja '62
Quality and shrinkage of rayon tire cord G. K Demidov, A P. Kulashnikov, A D. Panichev. Tekst prom 21 no. 5 13-14 My '61.
Structural changes in cord fibers of tires in service. V. A. Berestnev, T. V. Gatovskaia, V. A. Kargin. Kauch i rez. 21 no 1:34-36 Ja '62

TIRE FABRICS—TESTING
Ruler for determining the density angle of cord threads in casings and expansion width of a tire-building drum. M. V. Bakanov. Kauch. i rez 20 no. 11:45-48 N '61.

TIRES, RUBBER
(see also subdivision under Baku, Voronezh, Yaroslavl)
Hydraulic tire clamp with a rubber-cord balloon. M. IU. Kiaz. Kauch i rez 21 no 1:36-40 Ja '62

TIRES, RUBBER—TESTING
Photoelectric device for measuring power losses in automobile tire rolling by the inertia method in a testing machine. V. I. Novopol'skii, V. V. Nikitin, A. S. Skuchkov. Kauch. i rez. 20 no. 11:31-35 N '61
Testing of tires in the first women's automobile racing. F. I. IAshunskaia. Kauch. i rez. 20 no. 12:53 D '61.

TIRIBROVSKII, ALEKSEI TIMOFEEVICH, d. 1961
Aleksei Timofeevich Tiribrovskii; obituary. Sted. spets. obr. 9 no. 1:64 Ja '62.

TIRNOVO—HOUSING MANAGEMENT
This is how friendship springs up. A. Novachadov. Zhil.-kom khoz. 11 no. 10:10-11 O '61.

TISSUE CULTURE
New method of detecting a masked and latent virus in tissue cultures. Khou IUn'-de [Hou Yun-te] F. I. Ershov. Vop. virus. 6 no. 5:619 S-O '61.
Reactions of the cell to the introduction of a cytopathogenic virus. Vop. virus. 6 no. 5 625-626 S-O '61.

TISSUE EXTRACTS
Stimulation for regeneration of the articular cartilage with fish liver oil and ASD preparation (3d fraction) [with summary in English]. I. I. Khvorostukhin. Biul eksp. biol. i med. 52 no. 10:96-100 O '61.

TISSUES—PRESERVATION
Low-temperature coolers for storing frozen biological material [with summary in English on page 79]. N. T. Kurdiashov, N. S. Kiseleva. Khol. tekh. 38 no. 4:46-47 Jl-Ag '61.

TISSUES—TRANSPLANTATION
The experiment continues. T. Zaitseva. Neva no. 12 209-210 '61.
Immunological approach as a way of overcoming tissue incompatibility in homotransplantations in dogs [with summary in English] A. V. Puza. Biul. eksp. biol. i med. 52 no. 10 100-103 O '61.

TITANIUM
Elastic neutron scattering on titanium and calcium nuclei. G. N. Lovchikova. Atom. energ. 12 no. 1:48-49 Ja '62.
Kinetics of hydrogen absorption by titanium. A. E. Grodshtein. Zhur. prikl. khim. 34 no. 12:2784-2786 D '61.

TITANIUM—ELECTRIC PROPERTIES
Investigating the electrochemical behavior of titanium and some other metals during the electrolysis of chloride solutions. L. M. IAkimenko and others. Khim. prom. no. 1:43-47 Ja '62.

TITANIUM—METALLURGY
Reduction of titanomagnetite during sintering in the presence of a solid reducing agent. E. I. Khazanov, B. V. Shul'ts. Izv. Sib. otd. AN SSSR no. 11:98-103 '61.

TITANIUM ALLOYS
Phase analysis of alloys on the titanium basis. N. I. Blok and others. Zav. lab. 27 no. 12:1470-1472 '61.

TITANIUM ALLOYS—CORROSION
Effect of heat treatment on the corrosion resistance of the VTZ-1-type titanium alloy in sulfuric acid solutions. I. S. Anitov, B. D. Kukalenko. Zhur. prikl. khim. 34 no. 11:2466-2472 N '61.

TITANIUM ALLOYS—HEAT TREATMENT
Thermomechanical treatment of titanium alloys. A. S. Shigarev. Metalloved. i term. obr. met. no. 1:42-44 Ja '62.

TITANIUM ALLOYS—METALLOGRAPHY

Comparative investigation of the properties of ingots and shaped titanium alloy products. V I Dobatkin, G. A Bochvar, IU I. Potapenko Izv. vys. ucheb. zav., tsvet met 4 no. 3 120-124 '61

TITANIUM-ALUMINUM-VANADIUM ALLOYS—HEAT TREATMENT

Heat treatment of welded joints in VT6 alloys. S M Gurevich, V. F. Grabin. Avtom svar. 15 no 2 11-19 F '62.

TITANIUM CHLORIDE

Solubility of carbonyl sulfide in titanium tetrachloride. T. A. Zavaritskaia, I. A. Zevakin. Zhur prikl khim. 34 no. 12;2783-2704 D '61

TITANIUM HYDRIDE

Nature and properties of a surface film formed on titanium during its etching in acids S. M. Burdina, A. G. Samartsev. Zhur. prikl. khim. 34 no. 11 2566-2568 N '61.

TITANIUM ORES

Aeration methods in the selective flotation of titanium ores. S. A. Sysoliatin Trudy Uralmekhanobra no. 5 53-57 '59.

Momdzhi, G. S. [How to search for titanium deposits] Kak iskat' mesterozhdeniia titana. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1960. 29 p. (Bibliotechka uchastnika geologicheskogo pokhoda)

TITANIUM PHOSPHATE

Crystallization of titanium phosphate enamels. K. P. Azarov and others. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 4:647-650 '61.

TITOV, GERMAN STEPANOVICH, 1935-

Before the flight. G. S. Titov. Voen. vest. 41 no. 9:5 S '61.

"Heroes of our day." Kryl. rod. 13 no. 2:3 F '62.

With German Titov in Vietnam. S. Borzenko. Nov. vrem. 20 no. 9:30-31 F '62.

TITRATION

Volumetric ferrimetric method for the quantitative determination of vitamin C. Report No. 1. G. I. Savel'eva. Trudy Perm. farm. inst. no. 1:53-62 '59.

TOBACCO—ANALYSIS AND CHEMISTRY

Colorimetric method for determining the amount of nornicotine in the presence of nicotine and anabasine. M. F. Mashkovtsev, A. A. Sirotenko. Izv vys. ucheb zav ; pishch. tekh. no 5, 156-160 '61.

Glycolic acid in raw tobacco. P. G. Asmaev, I G. Mokhnachev. Izv. vys. ucheb. zav , pishch. tekh. no. 5 40-43 '61.

TOBACCO INDUSTRY

Dorokhov, P. K., and G. L. Dikker. [Technology of tobacco and production control] Tekhnologiia tabaka i tekhnokhimicheskii kontrol'. Moskva, Pishchepromizdat, 1961. 350 p.

TOBOL'SK—SHOWBOATS

Floating theater. V. Shumov. Teatr 23 no. 1:178-179 Ja '62.

TOKHARIAN LANGUAGE—GRAMMAR, COMPARATIVE—TIBETAN

Tibetan Khalkha in Tokharian texts. V. V. Ivanov. Krat. soob. Inst. nar. Azii no. 57:35-40 '61.

TOLERANCE (ENGINEERING)

History of the development and approval of the standard for tolerances. A. V. Vakeman. Standartizatsiia 26 no. 1:16-17 Ja '62.

Kozel, M. M. [Allowances and fits in the manufacture of machinery and in woodworking] Dopuski i posadki v mashinostroenii i derevoobrabotke. Minsk, Izd-vo M-va vysshego, srednego spetsial'nogo i professional'nogo obrazovaniia BSSR, 1961. 92 p.

New method for calculating tolerances in machining. S. D. Kabanov, I. N. Rechmenskii. Vest. mash. 42 no. 1:56-61 Ja '62.

TOLSTOI, LEV NIKOLAEVICH, 1828-1910

Female characters in L. Tolstoi's novel "War and peace." O. A. Andreeva. Sbor. stud nauch rab. po gum. tsik. MOPI 4:85-99 '60.

TOLSTOI IN LITERATURE AND ART

M. Gor'kii's sketch "Lev Tolstoi." S. Kastorskii. Neva no. 6:179-185 '61.

TOLUENE

Alkylation of toluene by commercial isooctylene. E. B. Sokolova, M. P. Shebanova, V. I. Ishkina. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 4:657-660 '61.

Alkylation of toluene with propylene on solid catalysts. V. G. Tefegin, V. A. Sidorov. Khim. prom. no. 11:807-809 N '61.

Kinetics of toluene demethylation in the presence of the excess of water over nickel catalysts. T. A. Slovokhotova and others. Izv. AN SSSR, Otd. khim. nauk no. 1: 120-121 Ja '62.

Results of the destructive hydrogenation of condensation products of toluene with dichloroethane I. I. Eru, M. M. Podorozhanskii. Koks i khim. no. 8:47-49 '61.

TOLUENESULFONANILIDE

Isolation of granosan in forensic chemistry investigations. N. S. Mikriukova. Trudy Perm. farm. inst. no. 1: 175-177 '59.

TOLUIC ACID

Polarographic determination of methyl-p-toluate in dimethyl terephthalate. IA I Turian, IU. A. Vakhrushev. Khim prom. no 9 65 S '61

TOMATO BREEDING

Manifestation of heterosis in tomato hybrids under different growing conditions [with summary in English]. S. I. Narbut. Issl po gen. no. 1:161-168 '61.

TOMATOES

Effect of growth-promoting substances on tomato yields in greenhouses. N. S. Brysov. Sbor. bot. rab. Bel. otd. VBO no. 2:178-181 '60.

Investigation of a system for the mechanization of tomato harvesting operations. N. P. Lebedev. Trakt i sel'khozmash. 31 no. 12;22-23 D '61.

TOMATOES—FERTILIZERS AND MANURES

Foliar application of trace elements to tomatoes. K. A. Vasil'eva. Sbor. bot. rab. Bel. otd. VBO no. 2:182-184 '60.

TOMBS see subdivision under Tien Shan Province

TOMSK—HISTORY

Revolutionary movement of the students of the Tomsk Technological Institute on the eve of the first Russian revolution, 1900-1904. M. I. Matveev. Rev. dvizh. v Sib. i na Dal'. Vost. no. 1:18-43 '60.

TOMSK GOVERNMENT—PEASANT UPRISINGS

The revolutionary struggle of Tomsk Government peasants from 1910 to 1916. A. A. Khramkov. Rev. dvizh. v Sib. i na Dal' Vost. no. 1:163-189 '60.

TOMSK PROVINCE—GOITER

New foci of endemic goiter in Tomsk Province. IU. S. Landyshev. Izv. Sib. otd. AN SSSR no. 11:145-147 '61

TONGUE

Effect of irradiation excitation of the respiratory center on the motor centers of the tongue muscles (respiratory contractions of the tongue). Liu Lei. Fiziol. zhur. 47 no. 7:906-912 Jl '61.

TONGUE—CANCER

Case of metastasis of cancer of the hepatic duct to the tongue [with summary in English]. IU. G. Boiko. Vop. onk. 7 no. 12;67-68 '61.

Treatment of regional metastases of cancer of the tongue. E. P. Falileeva. Vop. onk. 7 no. 8;99-104 '61.

TONGUE—DISEASES

Characteristics of the reaction of the gustatory receptor in glossalgia. M. S. Beloborodova, N. S. Zaiko. Stomatologiia 39 no. 6:27-30 N-D '60.

Probeless determination of gastric juice acidity in glossodynia E. S. IAvorskaia, A. K. Sheina, N. A Bissikalova. Vrach. delo no. 6,45-47 Je '61.

TONGUE—TUMORS

Rare case of chondroma of the tongue. K. I. Khalimov. Stomatologiia 39 no. 6:62-63 N-D '60.

TONKIKH, ANNA VASIL'EVNA, 1886-

Anna Vasil'evna Tonkikh. Fiziol. zhur. 47 no. 7;707-800 Jl '61.

TONSILS—DISEASES

Amount of vitamin C and its use in surgery in children with tonsillitis. B. I. Khromechek. Vest. otorin. no. 6; 35-39 '61.

Changes in the myocardium in chronic tonsillitis [with summary in English]. E. M. Kucherenko. Zhur. ush., nos. i gor. bol. 21 no. 4;63-68 Jl-Ag '61.

Differential diagnosis of diphtheria of the pharynx and banal anginas with concomitant diphtherial bacilli carrier state. Z. I. Krasovitskii. Pediatriia no. 1: 53-57 '62.

Electrophoretic study of the protein composition of the blood serum in various clinical forms of chronic tonsillitis. V. N. Dziak, E. F. Bogatskii. Vest. otorin. no. 6; 31-35 '61.

Incidence of tonsillitis in adults. A. Sh. Shapiro. Vest. otorin. no. 6;21-26 '61.

Observation of a massive ossification of the stroma of the palatine [illegible]

[illegible]

[illegible]

TONSILS—INNERVATION

Neural apparatus of the tonsils in experimental radiation sickness [with summary in English] I. B Soldatov Zhur. ush., nos i gorl bol. 21 no 5 17-23 S-O '61.

TONSILS—SURGERY

Anesthesia in tonsillotomy. G N Grigor'ev. Zhur. ush., nos i gorl bol. 21 no 5:70 S-O '61

State of the cardiovascular system in rheumatic fever following tonsillectomy [with summary in English]. S. N. Sinel'nikov, M. P. Zhdanova. Zhur. ush., nos i gorl bol. 21 no. 4:7-11 Jl-Ag '61.

TONSILS—TUBERCULOSIS

Rare case of tuberculosis of the palatine tonsil. N. I Ivanov Zhur ush ,nos i gorl bol 21 no 5:77-78 S-O '61.

TONSILS—TUMORS

Primary-multiple lesion of the palatal tonsils with malignant tumors. K. N. Kozlitskaia. Zhur. ush , nos. i gorl. bol. 21 no. 4:76-77 Jl-Ag '61.

Rare case of metastasis of a seminoma into the palatal tonsil N. S. Kuznetsova. Vest. otorin. no. 6:90-92 '61.

TOOL AND DIE INDUSTRY

Prospects for the development and specialization of tool production in the U.S.S.R. industry. A. T. Zosukhin. Och. po sovr. sov. i zarub. ekon. no. 1:175-202 '60.

TOOL STEEL—HEAT TREATMENT

Effect of thermomechanical treatment on the cutting stability and toughness of rapid steels. M. M. Shteinberg, L. B. Sabun, T. S. Shabashova. Metalloved. i term. obr. met. no. 1:29-37 Ja '62.

TOOL STEEL—STANDARDS

Alloyed tool steel. A. G. Ivanov, E. V. Kruchinina. Standartizatsiia 26 no. 1,40-44 Ja '62

TOOLS

Device for cutting nuts. V Zinov'ev. Avt transp 39 no. 12:43 D '61

TOPOLOGY

Topological classification of the surroundings of a singular point in n-dimensional space. D. M. Grobman. Mat. sbor. 56 no. 1:77-94 Ja '62.

TORNADOES see subdivision under Armenia

TOROPETS—FORTIFICATION, PRIMITIVE

Fortifications of Toropets. P. A. Rappoport. Krat. soob. Inst. arkheol. no. 86:11-20 '61.

TORQUE—MEASUREMENT

Determining ultimate torque of a starting safety coupling filled with small shots. S. K. D'iachenko, N. F. Kirkach, B. A. Makeev. Izv. vys. ucheb zav , mashinostr. no 8 64-71 '61.

TOURISM

Along tourist paths. V. Sushchenko, V. Bykov. Voen. vest. 41 no. 9,78-79 S '61.

TOURISTS, FOREIGN

On ways of friendship. N. Novokreshchenov. Mol. kommun. no. 7:87-92 Jl '61.

TOWERS, PLATE see Plate towers

TOXICOLOGY

Toxic properties of polymers. M. M. Kochanova. Plast. massy no. 10:75-77 '61.

TOXOPLASMOSIS

Immunological diagnosis of toxoplasmosis in obstetrics. L. I. Gracheva. Akush i gin. no. 5:112-115 '61.

TOY INDUSTRY see subdivision under Babonki; Moscow

TOYS

(see also subdivision under Moscow Province)

Children need a folk toy. T. S. Kameneva. Doshk. vosp. 35 no. 1;86-87 Ja '62.

"Playing dolls." IUn. tekh. 5 no. 7:65-66 Jl '61.

TRACE ELEMENTS

Effect of different methods of trace element application on carbohydrate and nitrogen metabolism in corn [in Azerbaijani with summary in Russian]. B. Z. Guseinov, Z. IU. Mamedova. Izv. AN Azerb. SSR, Ser. biol. i med. nauk, no. 10;3-14 '61.

Effect of presowing treatment of seeds with trace elements on silage plants and vegetables. K. A. Moiseev, M. I. Aleksandrova. Trudy Komi fil. AN SSSR no. 9:23-32 '60.

Effect of trace elements and superphosphate on the strawberry yield in Karaganda Province. Zh. N. Korneichik. Trudy Karag. bot. sada 1:92-95 '60.

Foliar application of trace elements to tomatoes. K. A. Vasil'eva. Sbor. bot. rab. Bel. otd. VBO no. 2:182-184 '60.

TRACE ELEMENTS (Continued)

Using complex-forming chromatography for the concentration of microquantities of lead and other metals from solutions. P. F. Andreev, L. T. Danilov, G. O. Keshishian. Zhur. prikl. khim. 34 no. 11 2419-2426 N '61.

TRACE ELEMENTS—SPECTRA

Spectrum analysis of powdered trace element samples. K. Samadov. Dokl. AN Tadzh. SSR 4 no. 4:25-28 '61.

TRACHEA—EXPLORATION

Tracheobronchoscopy under anesthesia. G. I. Lukomskii. Vest. khir. no. 5:100-106 '61.

TRACHEA—SURGERY

Conductor for the tracheotomy tube. A. M. Shkil'. Zhur. ush., nos. i gorl. bol. 21 no. 5:83 S-O '61.

Tracheostomy as a method of control in acute respiratory insufficiency. A. N. Shabanov, V. L. Kassil'. Vest. khir. no. 5:122-128 '61.

Two cases of laryngeal edema requiring tracheostomy after intubation anesthesia. I. K. Rochegov, V. I. Zak. Vest. khir. no. 1:128-129 '62.

TRACHEA—TUMORS

Hemangio-endothelioma of the trachea in a child. V. I. Rodin. Zhur. ush., nos. i gorl. bol. 21 no. 4:72-73 Jl-Ag '61.

TRACHEOTOMY see Trachea—Surgery

TRACKLAYING VEHICLES—REPAIRING

Technological progress at tractor repair enterprises. G. Blokhin. Tyl i snab. Sov. Voor. Sil. 21 no. 12:73-77 D '61.

TRACTOR INDUSTRY see subdivision under Chelyabinsk; Kharkov; Onega; Volgograd

TRACTOR TRAINS

High-capacity tractor trains are the forthcoming type of rolling stock. G. Zimelev, L. Bronshtein. Avt. transp. 39 no. 12:23-27 D '61.

Operational requirements of motor vehicles used for container transportation. Kh. Askinazi, IU. Vlasko. Avt. transp. 40 no. 1:14-16 Ja '62.

TRACTORS

Besplatyi, F. S., and I. F. Troitskii. [Theory and design of and calculations for tractors] Teoriia, konstruktsiia i raschet traktorov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 479 p.

Economic and traction features of the DET-250 ChTZ diesel-electric tractor. E. M. Kharitonchik, V. IA. Malyshev, B. E. Cherepanov. Trudy CHIIMESKH no. 12:38-46 '61.

Gneushev, V. G. [Pioneers of higher speed] Pionery bol'shikh skorostei. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1961. 31 p. (VLKSM komsomol'skomu aktivistu) (DA)

High speed for socialist agriculture. Blok. agit. [Gruz.] 18 no. 14:23-25 Jl '61.

Methods for improving the performance characteristics of present-day tractors. G. V. Vedeniapin. Trakt. i sel'khozmash. 31 no. 12:1-3 D '61.

TRACTORS—COLD WEATHER OPERATION

Filatov, L. S. [Operating tractors and motor vehicles in winter] Ekspluatatsiia traktorov i avtomobilei v zimnikh usloviiakh. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 151 p.

TRACTORS—ENGINES

Oil purification by a full-flow reactive centrifuge. G. A. Smirnov, A. G. Metelkin. Trakt. i sel'khozmash. 31 no. 12:9-11 D '61.

TRACTORS—EQUIPMENT AND SUPPLIES

New designs and technology of casting supporting tractor rollers. A. I. Maliuzhenko. Trakt. i sel'khozmash. 31 no. 12:35-36 D '61.

TRACTORS—TESTING

Indirect methods for testing a diesel-electric tractor. S. P. Lebedev, B. E. Cherepanov. Trudy CHIIMESKH no. 12:32-37 '61.

Speed method for testing tractor traction. A. I. Kalinin. Trakt. i sel'khozmash. 31 no. 12:5-8 D '61.

TRACTORS—TRANSMISSION DEVICES

Increase in the durability of transmission housings of DT-54 and T-75 tractors. M. A. Lapitskii, L. P. Khodov. Trakt. i sel'khozmash. 31 no. 12:34-35 D '61.

Indirect methods for testing a diesel-electric tractor. S. P. Lebedev, B. E. Cherepanov. Trudy CHIIMESKH no. 12:32-37 '61.

TRADE UNIONS

(see also subdivision under Africa; Kazakhstan; Leningrad; Samarkand Province; Tula; Ukraine; United States)

Cooperation between Soviet and Finnish trade unions. V. V. Grishin. Nov. vrem. 20 no. 6:12-13 F '62.

Fulfilling the mandate. A. Khrushchev. Sov. shakht. 11 no. 2:13 F '62.

How the Bolsheviks tried to draw proletarian trade unions into political struggle in 1905. N. I. Sedova. Rev. dvizh. v Sib. i na Dal'. Vost. no. 1:87-110 '60.

Persistence. M. Volkov. Sov. shakht. 11 no. 2:19 F '62.

[Problems in trade-union work; consultations, comments and answers to questions] Voprosy profsoiuznoi raboty; konsul'tatsii, kommentarii, otvety na voprosy. [Moskva] Izd-vo VTsSPS Profizdat, 1961. 399 p.

True party helpers. V. Moskalev. Zhil.-kom. khoz. 11 no. 10:4-5 O '61.

When you work with ardor. M. Serbobaba and others. Sov. shakht. 11 no. 2:24-28 F '62.

TRADE UNIONS—CONGRESSES

For peace and happiness of the laboring classes. Sov. shakht. 11 no. 2:33-37 F '62.

For peace, work, unity, and solidarity! Az. i Afr. segi. no. 1:5 Ja '62.

International forum of working people. Avt. transp. 39 no. 12:5 D '61.

TRAFFIC ACCIDENTS

"Following-up traffic accidents" by B. A. Alekseev. Avt. transp. 40 no. 1:62-63 Ja '62.

Part of a second. I. Mikhailov. Avtomobilist. 1 25-26 '61.

TRAFFIC REGULATIONS see subdivision under Sverdlovsk

TRAFFIC VIOLATIONS

Our struggle against traffic offenses. F. Pchelintsev. Sots. zakon. 39 no. 1:67-68 Ja '62.

TRAINING, MANUAL see Manual training

TRAINS, AUTOMOBILE see Automobile trains

TRANQUILIZING DRUGS—CONGRESSES

Scientific conference on the pharmacology and clinical use of tranquilizers. P. P. Denisenko. Farm. i toks. 24 no. 3:379-382 My-Je '61.

TRANS-ILI ALA-TAU—HYDRAULIC STRUCTURES

Study of the steady flow of the rivers of the northern slope of the Trans-Ili Ala-Tau. Trudy Inst. energ. AN Kazakh. SSR 2:180-192 '60.

TRANS-ILI ALA-TAU—RIVERS

Study of the steady flow of the rivers of the northern slope of the Trans-Ili Ala-Tau. Trudy Inst. energ. AN Kazakh. SSR 2:188-192 '60.

TRANSAMINASES

Clinical value of determining blood serum aminopherase in coronary insufficiency [with summary in English]. M. I. Sidorenkov. Sov. med. 25 no. 8:63-66 Ag '61.

Diagnostic significance of immune body titer and transaminase activity in the blood in diagnosing the phase of rheumatic fever. R. I. Mikunis. Klin. med. no. 1:77-84 '62.

Differential diagnostic value of determining transaminase in the blood in stenocardia and with microfocal necroses of the myocardium. V. G. Uspenskaia, V. I. Petrovskii. Kardiologiia 1 no. 6:80-81 N-D '61.

Pathogenesis of increased transaminase activity in the blood in myocardial infarct [with summary in English]. IA. IU. Bagrov. Terap. arkh. 33 no. 10:19-23 '61.

TRANSBAIKALIA—GEOCHEMICAL PROSPECTING

Possibility of using the hydrochemical method of prospecting for complex metal deposits. N. N. Trofimov. Trudy MGRI 37:56-59 '61.

TRANSBAIKALIA—MINERALOGY

Mineralogy of Algachi complex metal deposits (eastern Transbaikalia). E. A. Stankeev. Trudy MGRI 37 32-54 '61.

TRANSBAIKALIA—ORE DEPOSITS

Smirnov, S. S. [Complex metal deposits and metallogeny of eastern Transbaikalia] Polimetallicheskie mestorozhdeniia i metallogeniia Vostochnogo Zabaikal'ia. Moskva, Izd-vo Akad. nauk SSSR, 1961. 506 p.

TRANSBAIKALIA—WOLFRAMITE

Belukha and Bukuka deposits in Transbaikalia; mineral and chemical characteristics. N. A. Smol'ianinov. Trudy MGRI 37, 20-31 '61.

TRANSCARPATHIA—DESCRIPTION AND TRAVEL

Land with fabulous nature. O. P. Markevych, V. I. Chopyk. Nauka i zhyttia 11 no. 10, 32-36 O '61.

TRANSCARPATHIA—FRESH-WATER FAUNA

Materials on the biology of mountain rivers in Soviet Transcarpathia. V. A. Ivlev, V. M. Ivasik. Trudy Gidrobiol. ob-va 11:171-188 '61.

TRANSCAUCASIA—ELECTRIC POWER PLANTS

Method of determining the capacity and energy of long-range regulation in relation to the number of hours of use. E. A. Nargizian. Izv. AN Arm. SSR, Ser. tekh. nauk 14 no. 5:67-72 '61.

TRANSCAUCASIA—IRRIGATION

Irrigation in Transcaucasia in the 19th and 20th centuries. Trudy Inst. ekon. AN Gruz. SSR 12:161-201 '61.

TRANSCAUCASIA—MOLYBDENUM ORES

Shapes of isolated pyrite in copper-molybdenum and molybdenum ores in Transcaucasia. M. P. Isaenko. Trudy MGRI 37 111-115 '61.

TRANSCAUCASIA—PYRITES

Shapes of isolated pyrite in copper-molybdenum and molybdenum ores in Transcaucasia. M. P. Isaenko. Trudy MGRI 37 111-115 '61.

TRANSDUCERS

Using Hall transducers for determining the induction of air gaps. L. Gevorkian. Prom. Arm. 4 no. 11:44-45 N '61.

TRANSDUCTORS see Magnetic amplifiers

TRANSFORMATIONS (MATHEMATICS)

Two-parameter motions in magnetogasdynamics (Chaplygin's and Chaplygin's transformations). V. S. Tkalich. Prikl. mat. i mekh. 26 no. 1:96-103 Ja-F '62.

Uniqueness of the solution to the inverse problem for ordinary differential operators of the order $n \geq 2$, and transformations of such operators. Z. L. Leibenzon. Dokl. AN SSSR 142 no. 3:534-537 Ja '62.

TRANSFORMERS, ELECTRIC see Electric transformers

TRANSISTOR AMPLIFIERS

High-quality low-frequency transistor amplifier. IU. Zavrazhnov. Radio no. 2:43, 48 F '62.

Parallel operation of transistors. S. Goncharov. Radio no. 1:32 Ja '62.

Special features in the performance of operational integrating transistor amplifiers. V. T. Frolkin. Radiotekh. i elektron. 7 no. 2:330-342 F '62.

TRANSISTOR CIRCUITS

An economical output stage. IU. Zlobin, IU. Rozental'. Radio no. 1:29 Ja '62.

Semigraphical method of designing the trigger circuit. N. I. Ardatskii. Trudy MIIT no. 135:180-187 '61.

TRANSISTOR RADIOS

Transistorized portable radio-phonograph combination. V. Morozov. Radio no. 2:44-48 F '62.

TRANSISTORS

Minimum saturation recovery time of a transistor. IU. D. Chaika, S. IA. Slats. Radiotekh. i elektron. 7 no. 1:177-181 Ja '62.

Transistor condenser in the IF channel. I. Vasil'kovich, G. Nikitin, V. Sutorshin. Radio no. 1:37-39 Ja '62.

TRANSISTORS—MEASUREMENT

Methodology for measuring the negative resistance and capacitance of tunnel diodes. N. E. Skvortsova. Radiotekh. i elektron. 7 no. 2:353-356 F '62.

TRANSITION CURVE see Curves in engineering

TRANSITION METAL NITRIDES

Physical properties of transition metal nitrides. G. V. Samsonov, T. S. Verkhoglindova. Dokl. AN SSSR 142 no. 3:608-611 Ja '62.

TRANSPLANTATION OF ORGANS, TISSUES, ETC.

Experiments on the transplantation of egg cells and embryos in animals. Kh. F. Kushner, I. E. Novik. Biol. v shkole no. 1:70-77 Ja-F '62.

Overhauling... of a human being. S. Pisochyns'kyi. Znan. ta pratsia no. 1:16-17 Ja '62.

TRANSPLANTATION OF ORGANS, TISSUES, ETC.—EQUIPMENT AND SUPPLIES

New plastic package for the storage of preserved homotransplants. N. G. Kartashevskii and others. Vest. khir. no. 7:112-115 '61.

TRANSPORT OF SICK AND WOUNDED—EQUIPMENT AND SUPPLIES

Folding portable panel for transporting patients with fractures of the spine and hip. N. A. Romodin, V. S. Smirnitskii. Sov. med. 25 no. 9:135 S '61.

TRANSPORTATION

(see also subdivision under China; Kremenchug Hydroelectric Power Station)

Basic trends of the technological progress in transportation. A. P. Mikheev. Zhel. dor. transp. 43 no. 12:37-42 D '61.

TRANSPORTATION—CONGRESSES

Conference on the integrated development of a transportation system in the U. S. S. R. A. Kovalev. Rech. transp. 20 no. 11:46-47 N '61.

TRANSPORTATION—FINANCE

Investments in passenger transportation. E. N. Koroteleva. Trudy MIIT no. 142:97-123 '61.

TRANSPORTATION, AUTOMOTIVE
(see also subdivision under Kirov, Maritime Territory, Moscow; Tashkent Province, Ukraine)

Automotive transportation in the service of the development of national economy. V. Karpunenkov. Avt. transp 40 no 1:30-33 Ja '62.

Centralized haulage and the indices of supply and marketing M. Gordon Avt. transp. 39 no. 12 28-29 D '61.

Competition in perfect organization of work. V. Dementiev. Avt. transp. 39 no. 12.6-8 D '61

Continuing the discussion on the perfect organization of work V. Murashev and others. Avt transp. 39 no. 12: 9-10 D '61.

Highways and automotive transportation form a single transportation system. A. Antonov, I. Korenfel'd. Avt transp. 40 no 1:33-34 Ja '62.

Keep abreast with the problems of the building of communism. Avt. transp. 40 no. 1:4 Ja '62

Let us fulfill the decisions of the 22d Party Congress. B Romanov. Avt. transp 39 no. 12 3-4 D '61.

Our work should bring closer communism of tomorrow N. Klimov. Avt transp. 39 no. 12 1-2 D '61

Plans for 1962. L. Davidovich. Avt transp. 40 no. 1: 56 Ja '62

Readers' letters. Avt. transp. 39 no. 12:55 D '61.

[Translations of Foreign Periodical Literature on Problems of Automotive Transportation] Sbor. perev mat. iz inostr. period. lit. po vop. avt transp. nos. 2, 4 '61.

TRANSPORTATION, AUTOMOTIVE—ACCOUNTING
(see also subdivision under Tashkent)

Regulation of the accounting for automotive haulage. P. Polchaninov. Avt. transp 39 no 12 29-30 D '61.

TRANSPORTATION, AUTOMOTIVE—BIBLIOGRAPHY
see Bibliography—Transportation, Automotive

TRANSPORTATION, AUTOMOTIVE—CONGRESSES

The second congress of the Scientific Technological Society. Avt. transp. 40 no. 1:54-55 Ja '62.

TRANSPORTATION, AUTOMOTIVE—FREIGHT

How to verify the reliability of report data on the work of automotive freight transportation. S. Silnikov. Vest. stat. no. 1:59-65 '62.

TRANSPORTATION, AUTOMOTIVE—PERIODICALS

To our readers. Avt. transp. 40 no. 1:5 Ja '62.

TRANSPORTATION, AUTOMOTIVE—RESEARCH

State All-Union Institute of Automotive Transportation in 1962. M. Porepolkin, A. Lomanov. Avt. transp. 40 no. 1:56 Ja '62.

TRANSPORTATION, AUTOMOTIVE—STUDY AND TEACHING see subdivision under Sverdlovsk Province

TRANSPORTATION, AUTOMOTIVE—TECHNOLOGICAL INNOVATIONS

Practice of innovators in the automotive transportation. M. Braslavskii. NTO 3 no. 12:61 D '61.

TRANSPORTATION, MILITARY

Motor transport operates without interruption. T. Osadchuk, S. Usupov. Tyl i snab. Sov. Voor. Sil 21 no. 12: 68-72 D '61.

Order and organization in moving troops at railroad crossings. A. Furman. Voen. vest. 41 no. 9:63-65 S '61.

Reduce expenditures in military transportation. I. Busalaev, Iu. Kofman. Tyl i snab. Sov. Voor. Sil 21 no. 12:82-83 D '61.

TRAUMATISM

Clinical use of cyanocobalamine in traumatology and orthopedics. D. K. IAzykov. Vit. res. i ikh isp. no. 5, 203-209 '61.

TRAVERSES (SURVEYING)

Adjustment of indirect measurements in city and engineering polygonometry. S. N. Marchenko. Geod i kart. no 11.12-16 N '61.

Adjustment of polygon networks with a computation of systematic errors. V. N. Simonovich. Geod. i kart. no. 1:10-15 Ja '62.

Measurement of polygonometric lines by the fixation method. N. G. Romanov. Geod. i kart. no. 11:33-34 N '61.

Results of running polygonal traverses by the use of the DS-2 optical range finder. V. D. Bol'shakov, V. S. Mikheechev. Izv. vys. ucheb. zav., geod. i aerof. no. 4: 29-37 '61.

TRAWLS AND TRAWLING

Repairing the trawl bags. B. U. Ukhvachev. Ryb. khoz. 38 no. 1:40-46 '62.

TREATIES

"The system and form of international treaties" by I. I. Lukashuk. Reviewed by A. N. Talalaev. Izv. vys. ucheb. zav. jprav. 5 no. 2:184-185 '61.

TREE RINGS see subdivision under Buzuluk Pine Forest

TREES

Effect of gibberellic acid on the interruption of dormancy in arboraceous plants. L. S. Zinov'ev, I. N. Konovalov, I. I. Chernyaeva Bot. zhur. 46 no 12:1781-1786 D '61

TREES—DISEASES AND PESTS

Vorontsov, A. I. [Hidden enemies of our house; insects that destroy wood] Skrytye vragi nashego doma; nasekomye razrushiteli drevesiny Moskva, Gos. izd-vo "Vysshaia shkola," 1961 93 p.

TREES, FOSSIL see subdivision under Tsitse Valley

TREMATODA

Bykhovskaia-Pavlovskaia, I. E. [Trematoda of birds of the U. S. S. R., ecological and geographical survey] Trematody ptits fauny SSSR, ekologo-geograficheskii obzor. Moskva, Izd-vo Akad. nauk SSSR, 1962. 407 p.

TREMOR

Pharmacological characteristics of neurons participating in tremor formation [with summary in English] V. B. Prozorovskii. Biul. eksp. biol i med 52 no 10 64-66 O '61

TREPONEMA PALLIDUM

New simple method for testing Treponema pallidum immobilization [with summary in English] Vest. dermat. i ven. no. 1:33-36 '62.

TRET'IAKOV, VASILII DMITRIEVICH, 1904-1961

Vasilii Dmitrievich Tret'iakov, obituary. Meteor. i gidrol no 1 64 Ja '62.

TRIALS (DIVORCE)

Execution of the requests of other courts in divorce cases. P. Nikitiuk. Sots. zakon. 28 no 12:44-45 D '61.

TRIANGULATION
(see also subdivision under France)

Adjustment of linear triangulation systems by the condition method using conditional type equations and mechanical rules K. N. Terpugov, Iu. A. Gondeev, Izv. vys. ucheb. zav., geod. i aerof no. 4 49-65 '61

From work practices in the reconnaissance of second-order and third-order triangulation networks. N. V. Shreiber. Geod. i kart. no. 1:22-27 Ja '62.

Gaidaev, P. A. [Adjustment of triangulation] Uravnivanie triangulatsii. Moskva, Izd-vo geodez. lit-ry, 1960. 259 p.

Reconnaissance of points in first-order triangulation. N. V. Shreiber Geod. i kart no. 12:17-22 D '61.

The system of constructing triangulation networks for special purposes. I. F. Bolgov. Izv. vys. ucheb. zav., geod. i aerof. no 4.9-18 '61.

TRIANGULATION SIGNAL TOWERS

Determining the coefficient of the increase of the rated velocity head of the wind for trihedral signals. M. I. Korobochkin. Geod. i kart. no. 1.16-22 Ja '62.

Signal displacement. V. N. Sudnitsyn. Geod. i kart. no 11.20-24 N '61

TRIAZINE

Effect of symmetrical triazine derivatives on the stability of poly (vinyl chloride) Z. V. Popova and others. Zhur. prikl khim. 25 no. 1:161 Ja '62.

TRICHODERMA

Using the biopreparations of trichoderma for controlling the falling over of tree seedlings. N. I. Fedorov. Sbor. bot. rab. Bel. otd. VBO no. 2:224-228 '60.

TRICHOMONIASIS

Protistocidal properties of bee hor various flowers and the treatmen pitis. J. M. Toming-Reintam, N. i gin no. 5.106-108 '61.

TRICUSPID VALVE

Single-stage surgical removal of n cuspid stenoses using the left apr K. V. Lapkin, A. D. Levant. Ves '62.

TRIGEMINAL NERVE—BLOOD SUP

Vascularization of the human man branches. A. V. Borisov. Trudy '60.

TRIGEMINAL NEURALGIA see Ne

TRILOBITES

Recent data on lower Cambrain de the Altykul' River. T. I. Khairull Izv. Otd. geol. -khim i tekh. nauk 111-117 '61.

TRIM (OF SHIPS)

Use of computers to control the sti ship. Iu. Kurach. Mor. flot 22

TRITICUM-AGROPYRON HYBRIDS

Free amino acids and sugars in the pollen and anthers of the first generation of Triticum-Agropyron hybrids and their parental forms T. P. Petrovskaia, N. V. TSinger Trudy Glav. bot. sada 8:141-148 '61

TROLLEY BUSES see subdivision under Moscow

TRUBEZH VALLEY—PEAT SOILS

Water-retaining capacity of peat soils of the Trubezh floodlands in connection with the degree of salinization and solonization S. T. Voznuk. Nauch. trudy Ukr. nauch.-issl. inst pochv. 5 172-187 '61

TRUCK TRAILERS

Operational requirements of panel-transporting trailers S. Margolis Avt transp 39 no 12 31-34 D '61

Trailer for the transportation of conveyers. Iu. Berger. Avt transp. 40 no. 1.51 Ja '62

TRUSSES—TRANSPORTATION

Remodeling the MAZ-501 motortruck for truss transportation. M. Shipunov Avt. transp 40 no. 1:51 Ja '62

TRUSTS, INDUSTRIAL see subdivision under Germany, West; Spain

TRUXILLIC ACID—PHYSIOLOGICAL EFFECT

Pharmacology of a new curariform drug truxillonium [with summary in English]. D. A. Kharkevich, L. A. Kravchuk. Farm i toks. 24 no. 3.318-324 My-Je '61

TRYPTOPHAN

Investigating tryptophan in wheat flour. I. F. Kriuk Izv. vys. ucheb. zav., pisheh. tekh no 5 28-30 '61.

TSELINNYY KRAY see Virgin Territory

TSELINOGRAD PROVINCE—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

We are studying and explaining historical documents. F. Khalitova. Part. zhizn' Kazakh. 31 no. 10:25-28 O '61.

TSIMLYANSK RESERVOIR—COAST CHANGES

Use of aerial photographic surveys in studying the transformation of reservoir shores. F. S. Zubenko Trudy Okean. kom. 12:120-124 '61.

TSIOLKOVSKII, KONSTANTIN EDUARDOVICH, 1857-1935

A revolutionist in science. A. Erokhin. Mol. komm. no 10 91-98 O '61.

TSITSE VALLEY—TREES, FOSSIL

Wood of some deciduous species from Maikop deposits of the western Caucasus V. G. Gaivoronskii. Dokl. AN SSSR 142 no. 3 687-689 Ja '62

TSOMYK, GERTS

Gerts TSomyk. Sov. muz. 25 no. 8:98 Ag '61.

TSVETKOV, ALEKSANDR PAVLOVICH, 1890-

Seventieth birthday of Aleksandr Pavlovich TSvetkov, honored surgeon of the R. S. F. S. R. N. V. Sibirtsev. Vest. khir. no. 7 141-142 '61.

TSYMEK, ADOL'F ANTONOVICH

Explorer of the Far Eastern forests. Les. khoz. 14 no. 12:74 D '61.

TUAR-KYR REGION—PETROLOGY

Age of metamorphic and eruptive rocks in the nucleus of the Tuar-Kyr anticline. Iu. IA. Kuznetsov, V. V. Prusov Dokl. AN SSSR 142 no. 3.647-649 Ja '62.

TUBAZID

TUBERCULOSIS (Continued)

Clinical, functional, and morphological characteristics of amyloid nephrosis in tuberculosis B M Kovaliv, V. F. Podusovskii Sov med. 25 no. 8;20-28 Ag '61

Comparative evaluation of narrow- and wide-frame fluorography in the mass detection of pulmonary tuberculosis [with summary in English]. IA. Z Beilin Sov zdrav. 20 no 6:31-34 '61

Cure of a giant cavity with cycloserine V V Utkin. Terap. arkh 33 no. 10 106-107 '61

Determination of urinary phthivazide as a control method in the chemotherapy of tuberculosis M S Dvoirin, L. IA. Zamdborg, D N. Moiseeva. Sov med 25 no 6: 135 Je '61.

Development of experimental tuberculosis following inoculation of guinea pigs in the testicle. S. H. Laanes, E. I Tubi Probl. tub no 5:94-96 '61.

Differential diagnosis of nonspecific and specific pneumonia in children. A. A. IAnchevskaia. Pediatriia no. 1:40-47 '62.

Differential diagnostic significance of electrophoretic study of blood serum proteins in siderosilicosis, complicated by tuberculosis A. P. Karapata, L. I. Slutskii Probl. tub no. 5, 81-86 '61.

External respiration in patients with tuberculosis who have received exercise therapy before and after a resection of the lungs I. S. Kolesnikova. Vest khir. no. 5, 59-65 '61.

Functional state of the thyroid gland in pulmonary tuberculosis, according to data from a study using the radio-indication method [with summary in English] N. R. Turupanova. Sov. med 25 no 10:23-29 O '61

Importance of C-reactive protein in estimating the activity of a tuberculous process M K. Kul'matov, U. K. Vakhabova, S. A Aripov Med. zhur. Uzb no. 6: 37-39 Je '61.

Morphological analysis of the progression of the tuberculous process during non-effective antibacterial treatment. V. I. Puzik, O. A. Uvarova. Probl. tub no 5: 86-93 '61.

Permeability of the skin and intensity of the tuberculin reactions in patients with pulmonary tuberculosis [with summary in French] V. M. Terletskii. Probl. tub. no. 5;45-50 '61

Possibilities of tomographic examination in the differential diagnosis of pneumoconicosis and conio-tuberculosis [with summary in English] T. G. Osetinskii, A. G. Shumakov, O. B. Brodskii Vest rent i rad. 36 no 5 30-33 S-O '61.

Pyridoxine in the clinical treatment of tuberculosis with side-effects from antibacterial preparations [with summary in French] E. S. Stepanian. Probl. tub. no 5: 41-45 '61

Reparative processes in the lungs in primary tuberculosis in children treated with antibacterial preparations A. N. Nikitova. Pediatriia 40 no 12;3-8 D '61

Results of determining the level of specific allergy in various forms of pulmonary tuberculosis [with summary in English]. A. IA. Khaikin, V. A. Fradkin. Sov. med 25 no. 10;33-37 O '61.

Role of chronic tuberculous intoxication in the development of leucopenia. V. M. Voituk. Probl. tub. no 5: 105-110 '61

Single-stage double-sided partial resection of the lungs in tuberculosis. IU. D. IAtsozhinskii, IA. E. Kimiagarov, M. K. Muradov. Zdrav. Tadzh. 8 no. 6;31-33 N-D '61.

Some characteristics of pulmonary tuberculosis in connection with the use of antibacterial drugs [with summary in English]. N S Pilipchuk Vrach. delo no. 6;80-84 Je '61.

Specific diseases of the middle ear in tuberculosis. A. Dadamukhamedov. Med. zhur. Uzb. no. 6;64-66 Je '61.

State of blood circulation and respiration during clinical recovery from cavernous pulmonary tuberculosis. L. B. Aksel'rod. Probl. tub no. 5;75-81 '61.

State of the ears and the upper respiratory tract in tuberculosis of the lungs ["Otolar. polska," No. 3, 1960]. Zhur. ush., nos. i gorl. bol. 21 no. 4;85 Jl-Ag '61.

Treatment of patients with combined forms of lung and bone tuberculosis [with summary in English]. B. T. Pushkarenko. Vest. khir no. 5;38-42 '61.

Treatment of pulmonary tuberculosis by means of extrapleural pneumothorax [with summary in English] I. V. Baranova, L. A. Karetskii. Sov. med. 25 no. 6: 115-120 Je '61.

Treatment of tuberculosis with massive doses of isoniazid in combination with streptomycin or paraaminosalicylic acid [with summary in French] Glaros. Probl. tub. no. 5;23-25 '61.

Use of porcion plombage in partial resections of the lungs in tuberculosis. A. G. Gubanov and others. Vest. khir. no. 5;46-51 '61.

TUBERCULOSIS—DIAGNOSIS

Differential diagnosis of hematogenic disseminated pulmonary tuberculosis [with summary in French]. K. K. Vasil'eva, M. G. Mlodik. Probl. tub. no. 5;20-23 '61.

Importance of bronchography in the differential diagnosis of pulmonary tuberculosis and chronic nonspecific pneumonia. P. P. Baida. Voen. -med. zhur. no. 7;82-83 Jl '61.

Role of the hemagglutination reaction in the differential diagnosis of tuberculosis and non-tuberculous diseases A. P. Karapata. Sov. med. 25 no. 10:29-33 O '61

Significance of large-frame fluorography in the diagnosis of various forms of pulmonary tuberculosis [with summary in English] G. B. Maksudov. Vest rent i rad 36 no 5 51-56 S-O '61.

TUBERCULOSIS—PREVENTION
(see also subdivision under Tajikistan)

All-Union Conference on Problems in the Control of Tuberculosis. V. F. Razumovskaia, V. P. Sukhanovskii. Sov. med 25 no. 10;148-152 O '61

All-Union Conference on the Control of Tuberculosis. L. Shanskii, IU. IAtsozhinskii. Zdrav Tadzh 8 no 6: 41-43 N-D '61.

TUBERCULOSIS—STATISTICS see subdivision under Donetsk

TUBES—WELDING

Golovkin, R. V., and I. V. Lunin. [Radiofrequency welding of straight-seam tubes] Radiochastotnaia svarka priamoshovnykh trub. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 74 p.

TUKSHINSKOYE BELOGOR'YE—BOTANY, ECONOMIC

Alkaloid resources of the flora of the central Sayans. B A Shukhobodskii Trudy Bot inst. Ser 5 no 9 317-346 '61.

TULA—TRADE UNIONS

Labor Protection Day. I. Gomozov. Meat. prom. 1 khud. promys. 2 no. 7 24 Jl '61.

TULA BASIN—STOPING (MINING)

Work mechanization in the mine stopes of "Tulaugol'" and "Donetskugol'" Combines. L. Popkov. Biul. nauch. inform. trud i zar. plata 4 no. 12;16-22 '61.

TULA PROVINCE—ACCIDENTS

Analysis of accidents in the Shchekin medical and sanitary sector of Tula Province. I. A. Maksimov. Sov med. 25 no. 8;102-104 Ag '61.

TUL'CHIN DISTRICT—CRIME PREVENTION

Prevention of criminal offenses. IU. Shered'ko. Sots. zakon. 39 no. 1:68 Ja '62.

TULIKOV, SERAFIM SERGEEVICH, 1914-

Master of the singing slogan. V. Zak. Sov. muz. 25 no. 8;23-26 Ag '61.

TUMORS

Appearance of drug resistance to alkylating agents in Jensen's sarcoma and its clones [with summary in English]. G. L. Zhdanov, L. F. Sharlikova. Vop. onk. 7 no. 12 26-31 '61.

Change in the thrombokinase and fibrinogen content of blood during the growth of transplantable sarcoma [with summary in English]. L. Kh. Garkabi. Biul. eksp. biol. i med. 52 no. 8;94-97 Ag '61.

Comparative study of the tumor-inhibiting and toxic action of aurantin, its individual fractions and actinomycin C [with summary in English]. O. V. Zubova, A. B. Silaev, V. G. Solov'eva. Antibiotiki 6 no. 6;485-488 Je '61.

Low-temperature coolers for storing frozen biological material [with summary in English on page 79]. N. T. Kurdiashov. N. S. Kiseleva. Khol. tekh. 38 no. 4;46-47 Jl-Ag '61.

Metabolism of phosphorus nucleic acids, phosphoproteins and phospholipids in the cells of Ehrlich ascites tumor. M. F. Sifanitskaia, I. F. Seits. Vop. onk. 7 no. 12;3-8 '61.

Moskacheva, K. A. [Tumors in children] Opukholi u detei; izbrannye glavy. Moskva, Medgiz, 1961. 251 p. (DNLM)

Oncological activity of brain filtrates from the cadavers of patients with acute leukemia. D. M. Levina, V. A. Parnes. Vop. onk. 7 no. 12;13-19 '61.

Plastic surgery of the blood vessels in operations on oncological patients. G. I. Ratner. Vop. onk. 7 no. 8: 8-12 '61.

Study of the combined effect of the antibiotic 6270 and of some synthetic preparations with an inhibitory effect on the growth of experimental tumors [with summary in English]. O. K. Rossolimo, M. S. Stanislavskaia, G. N. Lepeshkina. Antibiotiki 6 no. 6;479-484 Je '61.

Timofeevskii, A. D. [Role of viruses in the genesis of tumors] Rol' virusov v vozniknovenii opukholei. Moskva, Medgiz, 1961. 186 p. (DNLM)

Tumor-inhibiting properties of mycelial extracts from some fungi [with summary in English]. Z. E. Bekker and others. Antibiotiki 6 no. 6;488-492 Je '61.

Vasil'ev, IU. M. [Connective tissue and tumorous growth under experimental conditions] Soedinitel'naia tkan' i opukholevyi rost v eksperimente. Moskva, Medgiz, 1961. 138 p.

X-ray diagnosis of extragastric neoplasms. Sh. M. Mirganiev. Med. zhur. Uzb. no. 6;53-56 Je '61.

TUMORS, PLANT

Root tumors in mustard-rape hybrids and their significance for breeding. G. S. Voskresenskaia, V. I. Shpota. Bot zhur. 46 no 12:1787-1793 D '61.

TUNGSTEN ORES see subdivision under Siberia, Eastern

TUNGSTEN OXIDE

Experimental studies of the deposition of aerosols from a stream on thin single fibers. Report No 1: Deposition of polydispersed aerosols of tungsten trioxide. L. V. Radushkevich, V. A Kolganov Izv. AN SSSR. Otd. khim. nauk no. 1 23-31 Ja '62

TUNGUS FOLKLORE see Folklore, Tungus

TUNGUSKA BASIN—COAL GEOLOGY

Spore-pollen complexes of upper-Paleozoic sediments in the southern part of the Tunguska Basin. I. A. Sivertseva. Inform. sbor. VSEGEI no 42:91-104 '61.

TUNGUSKA BASIN—PALEOBOTANY, STRATIGRAPHIC

Spore-pollen complexes of upper-Paleozoic sediments in the southern part of the Tunguska Basin. I. A. Sivertseva. Inform. sbor. VSEGEI no. 42:91-104 '61.

TUNGUSKA VALLEY, PODKAMENNAYA see Podkamennaya Tunguska Valley

TUNIS

Tunis. Blok. agit. [Gruz.] 18 no. 16:28 Ag '61.

TUNISIA—DESCRIPTION AND TRAVEL

Tunisia in our day. IU. Bochkarev. Nov. vrem. 20 no. 9;20-22 F '62.

TUNNELING
(see also subdivision under Greenland)

Use of a concrete pump in the construction of tunnels under water K. A. Abadzhian, G. K Chunburidze. Energ. stroi no. 20 103-105 '61.

TURBINES
(see also subdivision under Kharkov; Leningrad)

Operational efficiency of the turbine of an air refrigerating plant [with summary in English on page 78] A. E. Plotnikov, V. V. Sazonkin. Khol. tekh. 38 no. 4:14-18 Jl-Ag '61.

TURBINO—BRONZE AGE

The second Turbino burial. O. N. Bader. Kratk. soob. Inst. arkheol. no. 86;108-112 '61.

TURBINO—KNIVES

The second Turbino burial mound. O. N. Bader. Kratk. soob. Inst. arkheol. no. 86; 108-112 '61.

TURBODRILLS

Characteristic coefficients in hydraulic calculations of turbodrill turbines. B. G. Liubimov. Nauch. zap. Ukrniiprockta no. 4;31-36 '61.

Choice of a turbodrill with an efficient number of stages for drilling deep wells. M. K. Seid-Rza, S. A. Nazirov. Azerb. neft. khoz 40 no. 9;12-14 S '61.

Effect of some factors on the change in the number of revolutions of a turbodrill shaft. L. E. Simoniants. Izv. vys. ucheb. zav. ;neft' i gaz 4 no. 6;45-49 '61.

Effect of the rigidity of a turbodrill journal neck on the amount of deflection force. N. A. Grigorian. Izv. vys. ucheb. zav. ;neft' i gaz 4 no. 6;21-26 '61.

Experimental studies of the characteristics of a turbodrill turbine working in conjunction with a rubber and metal bearing disc. V. L. Il'skii. Trudy VNIIBT no. 3: 3-13 '61.

Relationship between the torque on roller bits and the axial load V. S. Poliakov, I. G. Kruchinin. Neft. khoz. 39 no. 9:7-12 S '61.

Simplified formula for determining the axial load of a bit. N. I. Melik-Gaikazova. Trudy VNIIBT no. 3;60-62 '61.

Some results of study and construction operations for making new turbodrill bearing discs. A. V. Kol'chenko, A. A. Silin. Nauch. zap. Ukrniiprockta no. 4:30-30 '61.

Studies of a hydraulic "turbotachometer." V. P. Varlamov. Trudy VNIIBT no. 3;63-82 '61.

Study of bit torsional moments. L. P. Konstantinov, S. M. Fal'kon, R. M. Eigeles. Trudy VNIIBT no. 3:14-17 '61.

TURBOGENERATORS

Concerning N. N. Likontsev and B. M. Pokrovskii's article "Possibility of eliminating the overvoltage protection of hydrogenerators." G. I. Lysakovskii. Elek. sta. 32 no. 12;87 D '61.

Operation of the gas and oil system of generators. IU. A. Shorin, A. D. Kondrat'ev. Elek. sta. 32 no. 12;61-62 D '61.

Power characteristics of the ionic excitation system of a large hydrogenerator. E. A. Khagemeister. Vest. elektroprom. 31 no. 10;10-12 O '60.

Results of the measurement of losses in an experimental determination of the stray reactance of a turbogenerator with removed rotor. E. G. Kasharskii, V. N. Shakhtarin. Izv. vys. ucheb. zav. ; elektromekh. 4 no. 12; 110-116 '61.

TURBOGENERATORS—COOLING

Using the air cooler of the turbogenerator for condensate heating. V. I. Kovelenov, I. M. Martynov. Prom energ 16 no. 7:8 Jl '61.

TURBOGENERATORS—TESTING

Experimental study of the thrust bearing of the hydrogenerator of the Irkutsk Hydroelectric Power Station. B. A. Bruslinskii, L. N. Il'in, L. S. Krotman. Elek. sta. 32 no 12:16-18 D '61.

TURBOMACHINES

Determination of natural frequencies and calculation of turbomachine dampers. L. E. Poliakov. Trudy VNIIKIMASH no. 4:116-140 '61

TURGENEV, IVAN SERGEEVICH, 1818-1883

Letters written by I. S. Turgenev to William Ralston. V. I. Maslov. Lit. arkh. no. 6:25-33 '61.

On an acquaintance of I. S. Turgenev. N. Chernov. Vop. lit. 5 no. 8:188-193 Ag '61.

Turgenev's "Sportsman's sketches" and the early stories of Zeromski. G. A. Gudimova. Lit. slav. nar. no. 6: 207-217 '61.

TURIANCHAY VALLEY—RUNOFF

Some feature of solid runoff of the Turianchay River [in Azerbaijani with summary in Russian]. S. G. Rustamov, S. A. Akhyndov. Izv. AN Azerb. SSR. Ser. geol.-geog. nauk i nefti no. 3:57-71 '61.

TURKESTAN—ECONOMIC CONDITIONS

History of the development of the all-Russian market; based on materials of the Turkestan region. A. R. Nezhivenko. Obshchestv. nauki v Uz. no. 7:25-30 '61.

TURKESTAN—GOVERNMENT OWNERSHIP

Resolution of the Fifth Territorial Congress of the Soviets of Turkestan. R. A. Narullin. Obshchestv. nauki v Uz. no. 7:56-57 '61.

TURKESTAN—LAND TENURE

Pamphlet on land law in prerevolutionary Turkestan. P. Eliseikin. Obshchestv. nauki v Uz no 7:64-65 '61.

TURKESTAN—POLITICS AND GOVERNMENT

Urazaev, Sh. Z. [Turkestan, the first socialist state in Central Asia] Turkestanskaia ASSR - pervoe sotsialisticheskoe gosudarstvo v Srednei Azii. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 177 p.

TURKESTAN—REVOLUTION, 1917-1921

Communication workers of Turkestan in the days of October. V. V. IAkovlev. Obshchestv. nauki v Uz. no. 11:38-42 '61.

TURKESTAN—TELEGRAPH—EMPLOYEES

Communication workers of Turkestan in the days of October. V. V. IAkovlev. Obshchestv. nauki v Uz. no. 11:38-42 '61.

TURKEY—COMMUNIST PARTY—CONGRESSES

First Congress of the Communist Part of Turkey; on the 40th anniversary of its founding. A. M. Shamsutdinov. Krat. soob. Inst. nar. Azii no. 30:227-237 '61.

TURKEY—FOREIGN ECONOMIC RELATIONS—GERMANY

Orudzhev, M. G. [History of the penetration of German imperialism into Turkey; from the late 19th century to 1915] Iz istorii proniknoveniia Germanskogo imperializma v Turtsiiu; s kontsa XIX veka po 1914 god. Baku, Azerbaidzhanskoe Gos. izd-vo, 1961. 99 p.

TURKEY—FOREIGN RELATIONS—UNITED STATES

Relations between Turkey and the U. S., 1922-1923. N. G. Kireev. Krat. soob. Inst. nar. Azii no. 30:150-160 '61.

TURKEY—HISTORY

Alekberli, M. A. [How the Ukrainian people struggled against the aggression of the Turks and Tatars in the second half of the 16th and the first half of the 17th century] Bor'ba ukrainskogo naroda protiv turetsko-tatarskoi agressii vo vtoroi polovine XVI - pervoi polovine XVII vekov. [Saratov] Izd-vo Saratovskogo univ., 1961. 269 p.

The subjection of Walachia to the Osman Empire. S. F. Oreshkova. Krat. soob. Inst. nar. Azii no. 30:173-182 '61.

TURKEY—KURDS

Policy of Turkish ruling circles in regard to the Kurdish population, 1924-1939. M. A. Asratian. Krat. soob. Inst. nar. Azii no. 30:120-137 '61.

TURKEY—NATIONALITIES

Policy of the Young Turks on the nationalities problem, 1908-1912. IU. V. Marunov. Krat. soob. Inst. nar. Azii no. 30.161-172 '61.

TURKEY—POLES

From the history of the Polish immigration to the Osman Empire at the end of the 1850's and beginning of the 1860's. S. M. Fal'kovich. Krat. soob. Inst. nar. Azii no. 30.197-209 '61.

TURKEY—POLITICS AND GOVERNMENT

Parliament and government of Turkey. Mezhdunar. zhizn' 9 no. 2:140-150 F '62.

TURKEY—POPULATION

Make-up and dynamics of the population of Turkey. A. N. Chavush'ian. Krat. soob. Inst. nar. Azii no. 30:220-226 '61.

TURKEY—RELATIONS (GENERAL) WITH RUSSIA

Wonderful impressions... Perihan Chambel. Kul't. i zhizn' 5 no. 8:37 '61.

TURKEY—SURVEYING

Geodetic operations in capitalistic countries; from national reports presented at the 12th Assembly of the International Union of Geodesy and Geophysics. Geod. i kart. no. 11:58-65 N '61.

TURKISH PERIODICALS

Review of the journal "Forum," 1956-1958. M. A. Kerimov. Krat. soob. Inst. nar. Azii no 30:138-149 '61.

TURKISH STUDIES *see* subdivision under Moscow

TURKMENISTAN—BOTANY

Flora of Turkmenistan." Reviewed by A. S. Mishchenko. Izv. AN Turk. SSR. Ser. biol. nauk no 6:93-94 '61.

TURKMENISTAN—COTTON—IRRIGATION

Determining water expenditure in the field and in channels in relation to environmental conditions. Kh. A. Amanov. Izv. AN Turk. SSR. Ser. biol. nauk no. 6:61-67 '61.

TURKMENISTAN—FOXES

Fox (Vulpes vulpes L.) farming in Turkmenistan. IU. F. Sapozhenkov. Izv. AN Turk. SSR. Ser. biol. nauk no. 6:90-92 '61.

TURKMENISTAN—GERBILS

Some facts on synanthropism and harmful activity of red-tailed gerbil in Turkmenia. N. I. Vologin. Izv. AN Turk. SSR. Ser. biol. nauk no. 6:92 '61.

TURKMENISTAN—HISTORY

Kuliev, O., K. Rakhmanov, and A. Artykov. [History of the Turkmen S. S. R.; a textbook for the senior grades of secondary schools] Istoriia Turkmenskoi SSR; uchebnoe posobie dlia starshikh klassov srednei shkoly. Pod red. A. Il'iasova. Ashkhabad, Turkmenskoe gos. uchebno-pedagog. izd-vo, 1961. 165 p.

TURKMENISTAN—LAKES

Kogan, Sh. I., and V. A. Koshkalda. [Lakes of the Turkmen S. S. R.; a popular scientific study] Ozera Turkmenskoi SSR; nauchno-populiarnyi ocherk. Pod red. A. O. Tashlieva. Ashkhabad, Izd-vo Akad. nauk Turkmenskoi SSR, 1960. 83 p.

TURKMENISTAN—MUNICIPAL SERVICES

The Turkmen S. S. R. Zhil.-kom. khoz. 11 no. 10:26 O '61.

TURKMENISTAN—PARASITES—BIRDS

Studying helminths of wild birds of southern Turkmenistan. IU. IA. Tendetnik, M. D. Sonin, L. M. Shagalina. Izv. AN Turk. SSR. Ser. biol. nauk no. 6:78-85 '61.

TURKMENISTAN—PISTACHIO—DISEASES AND PESTS

Pistachio leaf pests in southeastern Turkmenistan. V. S. Znamenskii. Izv. AN Turk. SSR. Ser. biol. nauk no. 6:87-90 '61.

TURKMENISTAN—POLITICS AND GOVERNMENT

Turkmen S. S. R. Verkhovnyi Sovet. [Meetings of the Fifth Supreme Soviet of the Turkmen S. S. R., third session, November 26-27, 1959. Verbatim report] Zasedaniia Verkhovnogo Soveta Turkmenskoi SSR, piatogo sozyva, tret'ia sessiia (26-27 noiabria 1959 goda; stenograficheskii otchet. Ashgabat, Turkmenistan dovlet neshriiaty, 1960. 257 p. [Parallel texts in Turkmen and Russian]

TURKMENISTAN—SHEEP—DISEASES AND PESTS

Epizootiology of dictyocaulosis of sheep in Turkmenistan. V. V. Kibakin. Izv. AN Turk. SSR. Ser. biol. nauk no. 6:85-87 '61.

TURKMENISTAN—TECHNOLOGICAL INNOVATIONS

Kaiugin, A. N. [Development of technological processes] Tekhniki progres ugrunda. Ashgabat, Turkmenistan, dovlet nashriiaty, 1960. 64 p. [In Turkmen]

TURKS

The great strife in the first Turkish khanate in the light of Byzantine sources. L. N. Gumilev. Viz. vrem. 20: 75-89 '61.

TURNING

Effect of cutting conditions on the surface hardening in machining steel 45 on lathes. IU. I. Babei, G. V. Karpenko, A. K. Litvin. Nauch. zap. IMA AN URSR. Ser. mashinoved. 7 no. 7:50-64 '61.

New technological processes for machining plunger-pair bushes on automatic single-mandrel lathes. A. I. Pavliuchuk and others Avt. prom. 27 no. 12:30-32 D '61.

TURPENTINE

Use of petroleum turpentine in fly control. I. N. Rumiantsev, K. S. Bagirov, G. A. Askerov. Voen.-med. zhur. no. 7:76-77 Jl '61

TURPENTINING

Voronenko, B. G. [Experimental trec-tapping in the Soviet Union] Opytnaia podsochka v Sovetskom Soiuze. Moskva, Goslesbumizdat, 1961 183 p. (DA)

TURTLES

Unusual incident on a whaleship..... Irma Zelenova. IUn. nat. no. 12:26-27 D '61.

TUVA A. S. S. R.—DESCRIPTION AND TRAVEL

New Republic on the map of the U. S. S. R. S. Mesiatsev. Kul't. i zhizn' 6 no 1:8-12 '62.

TUVA A. S. S. R.—ROCKS, IGNEOUS

Kononova, V. A. [Urtite-tolite intrusives of southeastern Tuva and their genesis] Urtit-tolitovye intruzii iugo-vostochnoi Tuvy i nekotorye voprosy ikh genezisa. Moskva, Izd-vo Akad. nauk SSSR, 1961. 109 p. 8 tables. (Akademiia nauk SSSR. Institut geologii rudnykh mestorozhdenii, petrografii, mineralogii i geokhimii. Trudy, no. 60)

TUVA A. S. S. R.—VOLCANOES

Pinus, G. V. [Lower Cambrian vulcanism of Tuva] Nizhnekembriiskii vulkanizm Tuvy. Novosibirsk, Izd-vo Sibirskogo otd-niia AN SSSR, 1961. 117 p. (Akademiia nauk SSSR. Sibirskoe otdelenie. Institut geologii i geofiziki. Trudy, no. 7)

TUYMAZY REGION—OIL WELLS—HYDRAULIC FRACTURING

Fracturing in a layer in processing wells with surfactants. V. P. Bobeliuk. Neft. khoz. 39 no. 9 27-37 S '61.

TWIST DRILLS

Stepped drills. G. V. Zaikin, V. P. Monchenko, B. P. Ivanov Mashinostroitel' no. 1 26 Ja '62

TYCHYNA, ANATOL' MIKALAEVICH, 1897-

Herasimovich, P. N. Anatol' Mikalaevich Tychyna. Minsk, Dzlarzh. vyd-va BSSR Red vyiaulenchai pradyktsyi, 1961. 68 p.

TYCHYNA, PAVLO HRYHOROVYCH, 1891-

Intercollegiate Conference on Pavlo Tychyna. V. S. Martsynkevych. Rad. lit. 5 no. 4:157 Jl-Ag '61

TYMPANIC MEMBRANE

Observation of spontaneous mobility of the tympanic membranes. G. I. Chizh. Vest. otorin. no. 6:90 '61.

TYMPANIC MEMBRANE—SURGERY

Study of hearing by means of an acoustic sound in patients following tympanoplasty. K. P. Markova. Vest. otorin. no. 6:72-75 '61.

Tympanoplasty in total defects of the tympanic membrane using a free "semicircular" metal flap. L. A. Ferkel'man. Zhur. ush., nos i gorl bol 21 no. 5 70 S-O '61

TYPE AND TYPE FOUNDING

In defense of print. B Kisin. Iskusstvo 24 no 6:52-55 '61.

TYPHOID FEVER

Case of typhoid fever recurrence after 90 days. L. E. Brodov. Sov. med. 25 no. 6:138-139 Je '61.

Chemotherapeutic properties of polymyxin M in experimental dysenteriai and typhoid infections in white mice [with summary in English]. L. K. Rubtsova, E. K. Berezina. Antibiotiki 6 no. 6:497-501 Je '61.

TYPHOID FEVER—PREVENTION

Comparative evaluation of the methods for detecting abdominal typhus bacteria carriers. IU. L. Degtiarev Zdrav. Tadzh. 8 no. 6:54-56 N-D '61.

TYPHUS FEVER

Loban, K. M. [Typhus fever; clinical aspects, diagnosis, treatment] Sypnoi tif; klinika, diagnostika, lechenie. Moskva, Medgiz, 1960. 221 p. (DNLM)

TYUMEN'—FOOD INDUSTRY

Consolidating our achievements. IU. Sidorova. Mest. prom. i khud. promys. 2 no. 7:23 Jl '61.

UCHA RESERVOIR—LAMELLIBRANCHIATA

Some data on the reproduction of Dreissena polymorpha Pallas in Ucha Reservoir A. A. Kachanova. Trudy Gidrobiol. ob-va 11:117-121 '61

UDDER—INNERVATION

Role of efferent innervation of the mammary gland in the regulation of milk fat secretion in goats. G. B. Tverskoi. Dokl. AN SSSR 142 no. 3:728-731 Ja '62.

UDMURT A. S. S. R.—ECONOMIC GEOGRAPHY

Shirokov, S. I. [The Udmurt A. S. S. R.; economic and geographical features] Udmurtskaia ASSR; ekonomiko-geograficheskaia kharakteristika. Izhevsk, Udmurtskoe knizhnoe izd-vo, 1961. 214 p.

UELEN—ANTIQUITIES

An ancient Eskimo burial mound in Uelen. S. A. Arutiunov, D. A. Sergeev. Sov etn. no. 6:120-124 N-D '61

UFA—CONSTRUCTION INDUSTRY

Lessons in economics for construction workers in Ufa Trust No 3. P Titov. Ekon stroi. no 11 43-44 N '61

UFA PLATEAU—METALS

Heavy metals: copper, silver, zinc, and lead in Sakmara-Arta sediments in the eastern wing of the Ufa arch A. M. Kropachev. Izv. AN SSSR. Ser. geol. 27 no 2: 106-111 F '62.

UKRAINE—AGRICULTURAL CREDIT

Deficiencies in issuing short-term credit to collective farms and methods for its improvement I Gal' Ekon Sov. Ukr. no. 4:55-62 Jl-Ag '60.

UKRAINE—AGRICULTURAL RESEARCH

The light of great ideas. D M Ohlobiin. Nauka i zhyttia 11 no. 10 2-3 O '61

UKRAINE—AGRICULTURE

Further development of the theory of the socialist reconstruction of agriculture. A.I.Rokitko. Zbir. nauk. prats' Kaf. polit. ekon Kyiv. un. no. 3 13-29 '59.

Glorious deeds of the Communist Youth League. Znan. ta pratsia no. 1, 6 Ja '62.

Polahecha, D. I. [Friendly team; a sketch as told to I. O. Kornilenko] Druzhna lanka, literaturnyi zapys I. O. Kornilenka. Kyiv, 1961 41 p. Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser 5, no. 15)

UKRAINE—AGRICULTURE—ECONOMIC ASPECTS

"Reform of 1861 and agrarian relations in the Ukraine from the 1860's to the 1890's" by V P Teplyts'kyi. Reviewed by A Bondarevskii, L. Gorelik Ekon Sov. Ukr. no. 4:122-123 Jl-Ag '60

UKRAINE—AGRICULTURE—STUDY AND TEACHING

Acquainting students with the plan of agricultural development in biology lessons. K A Galaiko. Rad. shk. 40 no. 1:45-48 Ja '62.

Student's agricultural research. M.N.Biba. Rad. shk. 40 no. 1 59-61 Ja '62.

UKRAINE—AGRICULTURE, COOPERATIVE

The number and organizational forms of Ukrainian collective farms in 1919. A. F. Chmyga. Vest. Mosk. un. Ser. 9 Ist. 17 no. 1, 26-44 Ja-F '62.

Shul'ha, Z. P. [Preparations for the over-all collectivization of agriculture in the Ukraine] Pidhotovka sutsil'noi kolektivizatsii sil's'koho hospodarstva na Ukraini. [Kyiv] Vyd-vo Kyivs'koho univ., 1960. 149 p.

UKRAINE—ARBITRATION AND AWARD

The decisions of arbitration agencies. Rad. pravo no. 4: 148-149 Jl-Ag '61.

UKRAINE—BIRDS

Birds as planters. Nauka i zhyttia 11 no. 10:39 O '61

UKRAINE—CAPITAL

Improve the method for analyzing the utilization of capital assets in industrial enterprises. P. IEvsieiev. Ekon Rad Ukr. no 6:78-81 N-D '61

UKRAINE—CHEMICAL ENGINEERING—EQUIPMENT AND SUPPLIES

Prokopenko, M. S. [Development of chemical machinery manufacture in the Ukraine] Rozvytok khimichnoho mashinobuduvannia na Ukraini. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 74 p.

[MICROFILM]

UKRAINE—CLOTHING INDUSTRY

Indices of production output per ruble of capital assets. L. Peisakhson, M. Svyshchev. Ekon. Rad. Ukr. no. 6 64-69 N-D '61.

UKRAINE—COAL PREPARATION

Mechanized sampling and sample processing. Ugol' Ukr. 5 no. 7:20 Jl '61.

UKRAINE—COAL RESEARCH

Ukrainian Coal-Chemical Institute. Koks i khim. no. 10: 11-14 O '61.

UKRAINE—COKE INDUSTRY

The best plant in the Ukraine. Koks i khim. no. 10:07 O '61.

UKRAINE—COLLECTIVE FARMS

Development of Lenin's theory of socialist property in the decisions of the 21st Congress of the CPSU. A A. Evdokimov. Shor. nauch. rab. kaf. polit. ekon. vuzov g. Khar. no. 3:18-29 '60.

Further consolidation of the basic principle of the artel form of collective farming. L. I. Dikoho. Zbir. nauk. prats' Kaf. polit. ekon. Kyiv. un. no. 3:87-96 '59.

Improve collective and state farm production to meet the new demands of the CPSU program. L. Andrienko. Ekon. Rad. Ukr. no. 6:32-41 N-D '61.

UKRAINE—COLLECTIVE FARMS—FINANCE

Developing undivided funds on collective farms. M. P. Panchenko. Zbir nauk prats' Kaf polit ekon Kyiv un. no. 3:63-74 '59

UKRAINE—COLLECTIVE FARMS—MANAGEMENT

"Analysis of the managerial operations on collective farms" by K. IE. Kans'kyi Reviewed by Z. Zhytnyts'kyi, L. Shtein. Ekon. Rad. Ukr. no 6 125-126 N-D '61.

UKRAINE—COMMUNIST PARTY OF THE SOVIET UNION

Important contribution to historical science I D. Nazarenko Nauka i zhyttia 11 no 10, 4-5 O '61

UKRAINE—COMMUNIST YOUTH LEAGUE

Moroz, V., and M. Karpov. [We march toward culture; cultural and educational work of the Ukrainian organizations of the Communist Youth League] Pokhid za kul'turu; z dosvidu roboty komsomol's'kykh organizatsii Ukrainy po kul'turnomu budivnytstvu Kyiv, Derzh vyd-vo polit lit-ry URSR, 1960. 41 p

UKRAINE—CONSTRUCTION INDUSTRY

Everything for the people P F Bakuma. Nauka i zhyttia 11 no. 10 7-8 O '61

Further development of the construction of industrial buildings in the Ukraine V Terent'ev Ekon Sov. Ukr. no. 4:23-27 Jl-Ag '60.

The seven-year plan is an important stage in creating the material and technical foundation for communism S Andrianov. Ekon stroi no 12 17-26 D '61.

UKRAINE—CONSTRUCTION INDUSTRY—FINANCE

Develop credit relations with inter-collective farm building organizations. L. Kramarovskii and others. Den i kred. 20 no. 1:27-39 Ja '62.

UKRAINE—CORRESPONDENCE SCHOOLS AND COURSES

Special aspect of studying political economy at general technical faculties A. S. TSaritsenko Vest vys shkoly 20 no. 1 71-74 Ja '62

UKRAINE—COURTS

Brief news. Rad. pravo no. 4:161-164 Jl-Ag '61

UKRAINE—CRIME AND CRIMINALS

How our public helps to solve criminal offenses. L. Shi'onov, V. Mel'nychenko, H Prokhorov Rad pravo no 1:42-47 Jl-Ag '61.

UKRAINE—CRIMINAL LAW

"Studies on the history of the criminal law of the Ukrainian S S R. Pt. 1" by P P. Mikhailenko. Reviewed by P S. Matyshevskii. Izv. vys ucheb. zav., prav. 5 no 4: 156-159 '61.

UKRAINE—CULTURE

Brief news. Mystetstvo 8 no. 6:36-38 N-D '61.

Moroz, V., and M. Karpov. [We march toward culture; cultural and educational work of the Ukrainian organizations of the Communist Youth League] Pokhid za kul'turu; z dosvidu roboty komsomol's'kykh organizatsii Ukrainy po kul'turnomu budivnytstvu. Kyiv, Derzh. vyd-vo polit lit-ry URSR, 1960. 41 p.

UKRAINE—DEAF—EDUCATION

Means to increase the efficiency of the lesson in junior grades of the schools for deaf children. A. M Gol'dberg. Rad. shk. 40 no. 1 41-44 Ja '62.

UKRAINE—EARTHQUAKES

Evseev, S. V. [Earthquakes in the Ukraine; a catalog of earthquakes in the Ukraine from the year 1000 through 1940] Zemletriasenila Ukrainy, katalog zemletriasenil Ukrainy s 1000 po 1940 gg. Kiev, Izd-vo Akad. nauk USSR, 1961. 74 p.

UKRAINE—ECONOMIC CONDITIONS

Go to work, comrades! Znan. ta pratsia no. 1:2-3 Ja '62.

Role of the Ukrainian S.S.R. in creating the material and technical foundation for communism. O Nesterenko. Ekon Rad. Ukr. no. 6:19-24 N-D '61.

UKRAINE—ECONOMIC POLICY

Congress of the builders of communism. Ekon. Rad. Ukr. no. 6:3-11 N-D '61.

On the guidance given by the State Planning Commission of the Ukrainian S.S.R. to local planning organs. Ekon. Rad. Ukr. no 6:123-124 N-D '61.

Statements and suggestions of the specialists of the State Planning Commission. F. Poliakov. Ekon. Rad. Ukr no 6:120-123 N-D '61.

Tasks in improving the planning and management of the national economy of the Ukrainian S.S R. P. Rozenko. Ekon. Rad. Ukr. no. 6:12-18 N-D '61.

UKRAINE—ECONOMIC RESEARCH

For a close tie between economics and life. O. Koroid. Ekon. Rad. Ukr. no. 6:25-31 N-D '61.

UKRAINE—EDUCATION

Great tasks. I. K. Bilodid. Rad. shk. 40 no. 1:3-13 Ja '62.

UKRAINE—EDUCATION, PRESCHOOL—CONGRESSES

Conference of preschool workers. O. Butova, G. Blazhenko. Doshk vykh 23 no. 1 45-47 Ja '62.

UKRAINE—ELECTRICITY IN AGRICULTURE

Some problems in the electrification of agriculture in connection with the reorganization of machine-tractor stations. M. S. Chernenko Zbir. nauk. prats' Kaf. polit. ekon. Kyiv. un no 3 75-85 '59

UKRAINE—FACTORIES

Further development of the construction of industrial buildings in the Ukraine. V. Terent'ev Ekon Sov Ukr. no. 4:23-27 Jl-Ag '60.

UKRAINE—FARM MECHANIZATION

We help the rural areas A Morozov NTO 3 no 12:41 D '61

UKRAINE—FARM PRODUCE

Holikov, V., and O. Onyshchenko. [Cost of farm produce and how to reduce it] Sobivartist' sil's'kohospodars'koi produktsii i shliakhy ii znyzhennia. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1960. 70 p.

(DA)

UKRAINE—FISH PONDS

Materials on the study of organic matter in bottom deposits of fish ponds of the Ukrainian S S. R. A. D Konenko. Trudy Gidrobiol. ob-va 11 385-393 '61.

UKRAINE—FORESTS AND FORESTRY

Ukrainian Conference on Forest Typology. A. K. Rosenko. Les. khoz. 14 no. 12:85 D '61.

UKRAINE—GAS, NATURAL

Exploitation practice in gas-condensate and gas fields of the eastern Ukraine. A. P. Aglishov, V. A. IA. Bal'tser. Neft. khoz. 39 no. 10 62-68 O '61.

UKRAINE—GAS WELLS

Use of some types of mixed cements in gas well cementing. N. A. Lutsenko. Nauch. zap. Ukrniiprogaza no. 4:37-11 '61.

UKRAINE—HISTORY

Alekberli, M. A. [How the Ukrainian people struggled against the aggression of the Turks and Tatars in the second half of the 16th and the first half of the 17th century] Bor'ba ukrainskogo naroda protiv turetsko-tatarskoi agressii vo vtoroi polovine XVI - pervoi polovine XVII vekov. [Saratov] Izd-vo Saratovskogo univ., 1961. 269 p.

UKRAINE—INDUSTRIAL MANAGEMENT

Tasks in improving the planning and management of the national economy of the Ukrainian S S. R P. Rozenko Ekon. Rad. Ukr. no. 6:12-18 N-D '61.

UKRAINE—INDUSTRIES

Ukrainian industry in the struggle to fulfill the seven-year plan in 5-6 years. A. Baranovskii Ekon Sov Ukr. no. 4:3-10 Jl-Ag '60.

UKRAINE—INSTRUMENT INDUSTRY—TECHNOLOGICAL INNOVATIONS

Economic effectiveness of progressive technology in instrument manufacture. N. Skvortsov. Ekon. Sov Ukr. no. 4:17-22 Jl-Ag '60.

UKRAINE—JEWS

Bryk, Alexander S. [Ukrainian-Jewish relations] Ukrains'ko-evreis'ki vzaemovidnosyny. Winnipeg, Nakladom avtora, 1961. 383 p.

UKRAINE—KINDERGARTEN

Play and work with three-year old children. V. Musienko. Doshk. vykh. 23 no. 2:29-34 F '62.

UKRAINE—LAW—CASES

Decisions of the Supreme Court of the Ukrainian S. S. R. Rad. pravo no. 4:142-147 Jl-Ag '61.

UKRAINE—LITERARY SOCIETIES

Struggle of the party against the erroneous ideas of the "Society of Proletarian Culture." A A. Trostianets'kyi Rad. lit. 6 no. 1, 38-54 Ja-F '62.

UKRAINE—LOESS

Physical and chemical properties of loess soils in the Ukrainian S.S.R. N.V.Dubovskain. Nauch. trudy Ukr. nauch.-issl. inst. pochv. 5:199-230 '61.

UKRAINE—LONGEVITY

Ukrainian centenarians. L. I. Barchenko. Nauka i zhyttia 11 no. 10 48-51 O '61

UKRAINE—MACHINE-TRACTOR STATIONS

Some problems in the electrification of agriculture in connection with the reorganization of machine-tractor stations. M. S. Chernenko. Zbir. nauk. prats' Kaf. polit. ekon. Kyiv. un. no. 3:75-85 '59.

UKRAINE—MACHINERY INDUSTRY

For regular production flow in machinery industry enterprises M. Hors'kyi, M. Skvortsov. Ekon Rad. Ukr. no. 6 73-77 N-D '61.

UKRAINE—MEDICINE

Congresses, conferences, consultations, brief news. Vrach. delo no. 12;153 D '61.

UKRAINE—METAL-CUTTING TOOLS

Sotchenko, Z. IA. [Specialization in the metal-cutting tool industry in the Ukrainian S. S. R.] Spetsializatsiia instrumental'nogo proizvodstva v Ukrainskoi SSR. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1961. 112 p.

UKRAINE—MINERAL WATERS

Fourth Conference of Physicians of Ukrainian Health Resorts with Mineral Drinking Waters. V. G. Saratovskii. Vop. kur., fizioter. i lech. fiz. kul't. 26 no. 4:377-383 Jl-Ag '61.

UKRAINE—MINING RESEARCH

Hydraulic mining methods are being improved in this institute. B. M. Shcharavskii. Ugol' Ukr. 5 no. 7;46-47 Jl '61.

UKRAINE—MOTION PICTURES

From the history of Soviet Ukrainian motion pictures. A. A. Shimon. Iz ist. kino 4:28-55 '61.

UKRAINE—MUNICIPAL SERVICES

The Ukrainian S. S. R. Zhil.-kom. khoz. 11 no. 10-4 O '61.

UKRAINE—NATIONALISM

Donzov, D. [The invisible tablets of Taras Shevchenko; the mystique of Ukrainian Zaporogian chivalry] Nezrymi skryzhali kobzaria; mistyka lytsarstva zaporoz'koho. Toronto, Ont., Kanada, Nakladom Vyd-va "Homin Ukrainy," 1961. 230 p.

UKRAINE—NATURAL RESOURCES

Natural resources for the people. V. B. Porfir'iev. Nauka i zhyttia 11 no. 10,24 O '61.

UKRAINE—OTOLARYNGOLOGICAL SOCIETIES

An account of the work of the Ukrainian Society of Otolaryngologists during 1960. A. I. Kolomiichenko, I. A. IAshan Zhur. ush., nos. i gorl. bol 21 no. 5,91-96 S-O '61.

UKRAINE—PARKS

Lypa, O. L. [Gardens and parks of the Ukraine; national parks and their preservation] Sady i parky Ukrainy, parky-pamiatky ta ikh okhorona. Kyiv, 1961. 50 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 6, no. 21)

UKRAINE—PIONEERS (COMMUNIST YOUTH)

Pages from a glorious history (to be concluded). M. Myronov, Z. Bilenko. Rad. shk. 40 no. 1;78-84 Ja '62.

UKRAINE—POTASSIUM SALTS

Evaluating the effectiveness of open-pit mining of the Stebnik deposit of potassium salts. V. P. Aksenov, IU. Z. Shpektorov. Nauch. zap. Ukrniiproekta no. 2;92-98 '60.

UKRAINE—PRESS

Materials honoring T. H. Shevchenko in the Soviet Ukrainian press during the first years of the revolution. H. F. Ovcharov. Pyt. shev. no. 2;3-19 '01.

UKRAINE—PRODUCE TRADE

Recent legislative enactments. Rad. pravo no. 4;150-153 Jl-Ag '61.

UKRAINE—PRODUCTIVITY ACCOUNTING

Improve the measuring of labor productivity. IE. Krizhanivs'kyi, I. Solianyk. Ekon. Rad. Ukr. no. 6;115-119 N-D '61.

UKRAINE—PUBLIC HEALTH

Present state of and problems in public health in the Ukrainian S. S. R. in light of the decisions of the 22d Congress of the CPSU. P. I. Shupik. Vrach. delo no. 12;3-11 D '61.

UKRAINE—PUBLIC PROSECUTORS

Education of young lawyers. O. Kul'chykova'kyi, I. Klymenko. Rad. pravo no. 4;121-124 Jl-Ag '61.

UKRAINE—PYROPHYLLITE

Quartz-pyrophyllite formation of the Ovruch series in Ukrainian S. S. R. and possible boundinage structures in it. I. S. Delitsin. Trudy IGEM no. 48;134-143 '61.

UKRAINE—RESEARCH, INDUSTRIAL

My dear friend Serhiĭ P. Honcharenko. Znan. ta pratsia no. 1;4-5 Ja '62.

UKRAINE—RICE—IRRIGATION

Irrigation of rice in the south of the Ukrainian S. S. R. IA. M. Kuznets, A. G. Kontsedalov. Gidr. i mel 14 no. 2;3-9 F '62.

UKRAINE—ROAD CONSTRUCTION

Development of automotive transportation and road construction in the Ukrainian S. S. R. under the seven-year plan. M. Dovgal'. Ekon. Sov. Ukr. no. 4;39-44 Jl-Ag '60.

UKRAINE—ROADS

Bondarenko, A. I. [Technical and economic indices of the service life of highways in Ukraine] Tekhniko-ekonomicheskie pokazateli sluzhby avtomobil'nykh dorog Ukrainy. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961 92 p (Obmen tekhnicheskim opytom dorozhnykh khoziaistv)

UKRAINE—SHOE INDUSTRY

Indices of production output per ruble of capital assets. L. Peisakhson, M. Svyshchev. Ekon. Rad. Ukr. no. 6' 64-69 N-D '61.

UKRAINE—SIMMENTHAL CATTLE

Simmenthal cattle on the Trostyanets' State Farm. Z. Asauliuk, I. Klochko. Nauka i zhyttia 11 no. 10; 29-30 O '61

UKRAINE—SLAVIC STUDIES

Fourth Republic Slavist Conference. M. IA. Hol'berh. Rad. lit. 6 no 1,154-155 Ja-F '62.

UKRAINE—SOILS

Gypsum as fertilizer and its effectiveness in various soils of the Ukraine. A. M Grinchenko and others. Nauch. trudy Ukr. nauch.-issl. inst. pochv. 5,3-25 '61.

UKRAINE—STATE FARMS

Improve collective and state farm production to meet the new demands of the CPSU program. L. Andrilenko. Ekon. Rad. Ukr no. 6;32-41 N-D '61.

UKRAINE—STEEL INDUSTRY

Economic efficiency of the over-all mechanization and automation of production in the metallurgical enterprises of the Ukrainian S. S. R. V. Aleksandrova. Ekon. Rad Ukr. no 6 51-57 N-D '61

The struggle for the fulfillment of the seven-year plan at the Dzerzhinskii Plant. G. Kikot', N. Tarelko. Ekon. Sov. Ukr. no. 4;96-99 Jl-Ag '60.

UKRAINE—SUGAR—TRANSPORTATION

Electronic machines work our the schedules of freight traffic. A. Bakaev. Sov. torg. 35 no. 1;15-16 Ja '62.

UKRAINE—SUGAR INDUSTRY

Prospects for the development of the sugar industry in the Ukrainian S. S. R. G. N. Belov. Trudy KTIPP no. 23;9-18 '60.

Sugar industry of the Ukraine during the years of the Great Patriotic War and its development in the postwar period (1941-1950). A. I. Korchinskii. Trudy KTIPP no. 23;46-56 '60.

UKRAINE—SUGAR MANUFACTURE

Basic trends in the further development of sugar manufacture in the Ukraine. V. Lipskii, L. Sotnichenko Ekon. Sov. Ukr. no. 4;28-32 Jl-Ag '60.

UKRAINE—TEACHERS, TRAINING OF

Let's improve the training of educational personnel for preschool institutions. O. Leshchenko. Doshk. vykh. 23 no. 1;10-13 Ja '62.

UKRAINE—TETANUS

Large-scale active immunization against tetanus [with summary in English]. L. A. Chernaia, L. G. Kovtunovich, G. K. Sakhnovskaia. Sov. med. 25 no. 9;94-97 S '61.

UKRAINE—THEATER

Broad horizons. Ivan Kunytsia. Mystetstvo 8 no. 6;4-6 N-D '61.

UKRAINE—TRADE UNIONS

Zhdanov, M. IU. [Organizational work is the most important problem; from the present-day experience of Ukrainian trade-union organizations] Holovne teper - organizators'ka robota; z dosvidu roboty profspilkovykh organizatsii Ukrainy. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1960. 46 p.

UKRAINE—TRANSPORTATION, AUTOMOTIVE

Bondarenko, A. I. [Technical and economic indices of the service life of highways in Ukraine] Tekhniko-ekonomicheskie pokazateli sluzhby avtomobil'nykh dorog Ukrainy. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961. 92 p. (Obmen tekhnicheskim opytom dorozhnykh khoziaistv)

Development of automotive transportation and road construction in the Ukrainian S. S. R. under the seven-year plan. M. Dovgal'. Ekon. Sov. Ukr. no. 4;39-44 Jl-Ag '60.

UKRAINE—WELDING

Effectiveness of a wide-scale introduction of progressive techniques in welding. B. Paton. Ekon. Sov. Ukr. no. 4;11-16 Jl-Ag '60.

UKRAINE—WOODWORKING MACHINERY

Automatic production line with program control of machinery adjustment developed by the Ukrainian Scientific Research Institute of Mechanical Woodworking. G. N Kossovskii, F. T Babich-Dekan', I. G. Revutskaia. Der prom. 11 no. 2;7-10 F '62

UKRAINE, WESTERN—PETROLEUM—REFINING

Some ways of more efficient refining of Western Ukrainian paraffin oils. V. T. Skliar and others. Nauch. zap. Ukrniiproekta no. 4,87-112 '61.

UKRAINIAN LANGUAGE—CONJUNCTIONS

Usage of "khai" and "nekhai" as concessive conjunctions in the modern Ukrainian literary language. A H Kvashchuk. Nauk. zap. Stan derzh ped inst. vol. 4; 183-192 '60.

UKRAINIAN LITERATURE

In the Research Council of the T. H. Shevchenko Institute of Literature, Academy of Sciences of the Ukrainian S S R. Rad lit. 6 no. 1,155-156 Ja-F '62

UKRAINIAN LITERATURE—BIBLIOGRAPHY see Bibliography—Ukrainian literature

UKRAINIAN LITERATURE—HISTORY AND CRITICISM

Babyshkin, Oleh. [Struggle for realism in Ukrainian literature at the end of the 19th and beginning of the 20th century] Borot'ba za realizm v ukrains'kii literaturi kintsia XIX-pochatku XX st., na materialakh literaturnoi krytyky. Kyiv, Vyd-vo Akad. nauk URSR, 1961 178 p

Living traditions. V. P. Vlasenko, A. O. Kovtunenko. Rad. lit 5 no 4;25-40 Jl-Ag '61

Peretts, V. N. [Studies and materials on early Ukrainian literature from the 16th to the 18th century] Issledovaniia i materialy po istorii starinnoi ukrainskoi literatury XVI-XVIII vekov. Moskva, Izd-vo Akad nauk SSSR, 1962. 252 p.

Spiritual world of the hero I. D. Bazhynov. Rad. lit. 5 no. 4;41-55 Jl-Ag '61

"The working class in Soviet Ukrainian prose of the 1920's and 1930's" by V. P. Vlasenko, A. O. Kovtunenko. Reviewed by M. P. Lakyza. Rad lit 6 no. 1 129-131 Ja-F '62.

UKRAINIAN LITERATURE—PERIODICALS

No. 2 of "Radians'ke literaturoznavstvo" for 1961. Vop. lit. 5 no. 7-235 Jl '61.

No 3 of "Radians'ke literaturoznavstvo" for 1961. Vop. lit. 5 no. 8 243 Ag '61.

Theory and history of literature in the periodical "Literatura v shkoli," F. M. Bilets'kyi. Rad. lit 5 no 4: 131-135 Jl-Ag '61

UKRAINIAN POETRY—HISTORY AND CRITICISM

Agitation of young forces S. A. Kryzhanivs'kyi. Rad. lit. 6 no 1 3-15 Ja-F '62.

Syvokin, H. M. [Early Ukrainian poetics] Davni ukrains'ki poetyky. Kharkiv, Vyd-vo Kharkivs'koho derzh. univ., im. I. M. Gor'koho, 1960. 105 p.

UKRAINIANS see subdivision under United States

UKRAINKA, LESIA, 1871-1913

Lesia Ukrainka as a critic of foreign literature. I. IU. Zhuravs'ka. Rad. lit 5 no. 4;68-79 Jl-Ag '61.

"Lesia Ukrainka; pamphlets, articles, and studies." Reviewed by A. I. Kostenko Rad. lit. 6 no. 1;133-135 Ja-F '62.

ULANOVA, GALINA SERGEEVNA, 1910-

Galina Ulanova. M. Gabovich. Teatr 23 no. 1;83-86 Ja '62.

ULCERS

Pathogenesis and treatment of trphic ulcers [with summary in English]. K. M. Parpiev. Med. zhur. Uzb. no. 8; 80-85 Ag '61.

Treatment of trophic ulcers with an oil preparation of carotene [with summary in English]. M. A. Karagezian, N. N. Antonik, I. A. Ulitina. Vest. derm. i ven. no. 1. 30-33 '62.

ULTRASONIC TESTING

Quality control of bearing linings. B. Petrov, IA. Shereshevskii. Rech. transp. 20 no. 11;20-21 N '61.

ULTRASONIC WAVES

ΔE-effect and the attenuation of ultrasound in ferrates. V. N. Kuznetsov. Izv. vys. ucheb. zav., fiz. no. 6;43-47 '61.

Use of ultrasonic waves in investigating aqueous solutions of natural iron-oxide pigments. V. P. Riumin. Zhur. prikl. khim. 35 no. 1;56-60 Ja '62.

Water absorption of small concentrations of nitrogen dioxide in dependence on the temperature and effect of ultrasonic waves and electrical ionization. M. T. Borok. Zhur. prikl. khim. 35 no. 1;99-104 Ja '62.

ULTRASONIC WAVES—INDUSTRIAL APPLICATIONS

Effect of an acoustical field on reinforcement scouring. I. S. Vainshtok, O. I. Dovzhik, V. B. Ratinov. Sbor. trud. NIIZHelezobetona no. 2:91-95 '59

Effect of ultrasonic waves on the chromium electrodeposition. A. M. Ozerov. Zhur. prikl. khim. 35 no. 1: 115-122 Ja '62.

Hydrogenation of sunflower seed oil with simultaneous supersonic imposition. B. N. Tiutiunnikov, S. Vysotskii. Izv. vys. ucheb. zav., pishch. tekh. no. 5: 44-48 '61.

Polymerization of vinyl butyl ether in an ultrasonic field. V. V. Sal'nikov and others. Zhur. prikl. khim. 35 no. 1: 214-217 Ja '62.

Ultrasonic pulse devices for studying concrete. I. S. Vainshtok, G. F. Nadareishvili, B. P. Rastorguev. Sbor. trud. NIIZHelezobetona no. 2: 68-80 '59

Using the ultrasonic pulse method to study the kinetics of hardening of binding substances. M. M. Maiants and others. Sbor. trud. NIIZHelezobetona no. 2: 81-90 '59

ULTRASONIC WAVES—PHYSIOLOGICAL EFFECT

Effect of ultrasonic waves on the germination of lentils. R. S. Limar'. Bot. zhur. 46 no. 8: 1165-1168 Ag '61.

ULTRASONIC WAVES—SPEED

Molecular theory of the speed and absorption of sound in liquids. A. A. Adkhamov. Izv. Otd. geol. -khim. i tekh. nauk AN Tadzh. SSR no. 2: 119-128 '61

ULTRASONIC WAVES—THERAPEUTIC USE

Ultrasonics in medicine. M. D. Gurevich, N. F. Svadkovskaia, M. A. Sobakin. Sov. zdrav. 20 no. 8: 18-23 '61.

ULTRASONICS

Ultrasonics in the preparation of soil samples for mechanical analysis [with summaries in English, German, and French]. L. N. Stepanov, V. E. Vladimirov. Vest. sel'khoz. nauki 6 no. 11: 122-126 N '61

ULTRASONICS—INDUSTRIAL APPLICATIONS

Possibility of using ultrasonics for breaking down layers of flotation collectors on the surface of mineral particles. V. A. Glembotskii, A. E. Kolchemanova. Nauch. soob. Inst. gor. dela 6: 32-37 '60

ULTRAVIOLET RAYS

Luminescence of aromatic amino acids and proteins in solutions in connection with their excitation in short-wave ultraviolet field. E. A. Burshtein. Biofizika 6 no. 6: 753-763 '61.

Preparation of cellulose copolymers and its derivatives by means of ultraviolet radiation (from "J. Appl. Polyme Science," no. 7, 1960). Plast. massy no. 10: 71 '61.

ULTRAVIOLET RAYS—CONGRESSES

Conference on the use of ultraviolet radiation for increasing the productivity of poultry and livestock raising. G. M. Zimina. Svetotekhnika 8 no. 1: 29-30 Ja '62

ULTRAVIOLET RAYS—THERAPEUTIC USE

Electrophoretic studies of blood serum in rheumatic patients receiving compound treatment; ultraviolet irradiation and salicylic preparations. T. M. Kamenetskaia. Vop. kur., fizioter. i lech. fiz. kul't. 24 no. 6: 508-510 N-D '59.

Treatment of gynecologic patients with subacute inflammatory diseases by radon baths combined with ultraviolet ray erythema therapy. A. V. Emanuel'. Vop. kur., fizioter. i lech. fiz. kul't. 26 no. 4: 326-332 Jl-Ag '61.

Treatment of patients with psoriasis with vitamin A and irradiation with a mercury-quartz lamp [with summary in English]. I. N. Vedrova. Sov. med. 25 no. 8: 111-113 Ag '61.

Ultraviolet rays in the compound treatment of diseases of the lumbosacral region of the peripheral nervous system. M. L. Livshits. Vrach. delo no. 6: 135-136 Je '61

UMBILICUS—DISEASES

Morphology of umbilical sepsis at different periods during the use of antibiotic therapy on nursing infants [with summary in English]. V. M. Afanas'eva. Pediatriia no. 1: 15-20 '62.

UMBILICUS—HERNIA

Surgical treatment of hernia of the umbilical cord. I. I. Bulynin, M. F. Tatanov. Vest. khir. no. 5: 139-140 '61.

UNDERDEVELOPED AREAS

Kizchenko, A. F. [U. S. S. R. aid to underdeveloped countries] Dopomoha SRSR slaborozvynutym krainam. Kyiv, 1961. 47 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 4, no. 11)

UNDERGROUND CONSTRUCTION see subdivision under Tashkent

UNDERGROUND WATER see Water, Underground

UNDERWATER ACOUSTICS see subdivision under Aral Sea; Caspian Sea

UNDERWATER WELDING AND CUTTING

Electrodes of high-melting compounds for the underwater oxygen-arc cutting of steel. V. V. Pen'kovskii, G. V. Samsonov. Avtom. svar. 15 no. 2: 38-43 F '62

UNDULANT FEVER see Brucellosis

UNEMPLOYED see subdivision under United States

UNIFORMS, MILITARY—REPAIRING

Organizing clothing and shoe repair. IA. Barinov. Tyl i snab. Sov. Voor. Sil 21 no. 12: 64-67 D '61.

UNION OF SOVIET SOCIALIST REPUBLICS see Russia

UNIONIDAE

Increase of the reproduction capacity of commercial molluska (Unio species) with reference to the production of raw material resources of mother-of-pearl in our inland waters. Report No. 1: Problems and methods of work. B. V. Vlastov, L. V. Erokhina. Trudy Gidrobiol. ob-va 11: 394-405 '61.

Increase of the reproduction capacity of commercial molluska (Unio species) with reference to the reproduction of raw material resources of mother-of-pearl in our inland waters. Report No. 2. Intensifying natural infection of fishes with unionid larvae (glochidia). B. V. Vlastov. Trudy Gidrobiol ob-va 11: 406-410 '61

UNITED NATIONS

The Indonesian question in the U. N., 1945-1950. A. S. Shin. Krat. soob. Inst. nar. Azii no. 45: 96-110 '61.

"Internal jurisdiction of independent states and the United Nations" [in Slovak] by Jan Tomko. Reviewed by O. F. Sakun. Izv. vys. ucheb. zav.; prav. 5 no. 4: 164-165 '61

Lisovskii, V. I. [International law and the 15th session of the General Assembly of the United Nations] Mezhdunarodnoe pravo i XV sessiia General'noi Assamblei OON. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 38 p.

Vicious practice in the publication activities of the U. N. V. Samsonov, R. Ovsenev. Mezhdunar. zhizn' 9 no. 2: 157-158 F '62.

UNITED NATIONS—COMMISSIONS

The United Nations' first conference on the problems of economic planning in the countries of Asia and the Far East. I. Evenko. Plan. khoz. 39 no. 2: 91-95 F '62.

UNITED STATES—ACETYLENE

Production of synthetic products from acetylene in the U. S. IU. IA. Turov. Khim. prom. no. 9: 66-72 S '61.

UNITED STATES—AGRICULTURAL CREDIT

Methods used by the U. S. A. credit system to exploit farmers. N. Zaitsev. Den. i kred. 20 no. 1: 78-85 Ja '62.

UNITED STATES—AGRICULTURAL IMPLEMENTS

Use of polyethylene film in agriculture. Plast. massy no. 9: 69-71 '61.

UNITED STATES—ARMED FORCES—SANITARY AFFAIRS

Organization of control of insects harmful to man in the Armed Forces of the U. S. A. B. P. Fediaev. Voen.-med. zhur. no. 7: 89-92 Jl '61.

UNITED STATES—ARMY

Control in units and subunits of a combat group in the army of the United States (as revealed by foreign press data). V. Nekrasov. Voen. vest. 41 no. 7: 119-122 Jl '61.

"Secret army" of the Pentagon. P. Smolenskii. Sov. voin. 43 no. 21: 46 N '61.

UNITED STATES—ASSEMBLY-LINE METHODS

Automatic sorting and distributing of veneering sheets (from "Wood and Wood Products," August, 1961). Der. prom. 11 no. 2: 31 F '62.

UNITED STATES—AUTOMATION

Automation under the conditions of contemporary monopolistic capitalism. I. Adamov. Ekon. Sov. Ukr. no. 4: 106-113 Jl-Ag '60.

UNITED STATES—CARTOGRAPHY

Some specific features of cartography based on private enterprise in the United States. K. A. Salishchev. Geod. i kart. no. 1: 58-63 Ja '62.

UNITED STATES—CEMENT INDUSTRIES

Kachanova, E. B., and A. S. Kudriavtsev. [Cement-production techniques in the United States] Tekhnologiia proizvodstva tsementa v SShA. Leningrad, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 99 p.

UNITED STATES—CIVIL DEFENSE

"Civil defense" in the U. S. A. Mezhdunar. zhizn' 9 no. 2: 152-154 F '62.

UNITED STATES—CIVIL WAR

Kuropiatnik, G. P. [The second American revolution] Vtoraia amerikanskaia revoliutsiia. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 261 p.

UNITED STATES—COKE

Production of coke from low-quality bituminous western coals (from "Coal Age," no. 2, 1960). V. A. Kuliasov. Koks i khim. no. 8: 54 '61.

UNITED STATES—COLLECTIVE LABOR AGREEMENTS

Reactionary nature of the American bourgeois legal theories of collective agreements. B. N. Zharkov. Izv. vys. ucheb. zav., prav. 5 no. 2: 115-127 '61.

UNITED STATES—COMMERCE

Capital export and foreign trade of the U. S. A. M. Zakhmatov. Mir. ekon. i mezhdunar. otn. no. 1: 68-82 Ja '62.

UNITED STATES—COURTS

Gutsenko, K. F. [American courts and their class nature] Sudebnaia sistema SShA i ee klassovaia sushchnost'. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 150 p.

UNITED STATES—DEFENSES

"Answers of the Soviet Minister of Defense R. IA. Malinovskii, to questions of Pravda's newspaper correspondent on the statement of U. S. Defense Secretary McNamara. Nov. vrem. 20 no. 6: 4-5 F '62.

Why Pamela cried. A. Serbin. Ogonek 40 no. 3: 15 Ja '62.

UNITED STATES—DESCRIPTION AND TRAVEL

Zimanas, G. [What I saw in America; travel impressions] Kas as maciau Amerikoje; keliones ispudziai. Vilnius, Valstybine grozines literaturos leidykla, 1960. 257 p. [In Lithuanian]

UNITED STATES—ECONOMIC CONDITIONS

Facts about Soviet-American economic competition. IA. Lugantsov. Nov. vrem. 20 no. 8: 6-9 F '62.

In the grip of "chronic sluggishness." I. Mikuson. Mezhdunar. zhizn' 9 no. 2: 117-119 F '62.

"The liberal hour" [in English] by J. K. Galbraith. Reviewed by V. Gromeka. IMir. ekon. i mezhdunar. otn. no. 1: 156-157 Ja '62.

Up to their ears in debt. Nov. vrem. 20 no. 6: 20-21 F '62.

UNITED STATES—ELECTRIC LIGHT FIXTURES

New designs of electric lamps and light fixtures (from "Power," no. 5 1960). IA. E. Vol'fkovich. Prom. energ. 15 no. 7: 54-55 Jl '60.

UNITED STATES—ETHNOLOGY—PERIODICALS

A new American ethnological journal "Ethnohistory." I. Zolotarevskaia. Sov. etn. no. 5: 162-167 S-O '61.

UNITED STATES—EVIDENCE, EXPERT

Present-day organizational forms of expertise and its agencies in England and the U. S. A. A. N. Erlovtsian. Izv. vys. ucheb. zav.; prav. 5 no. 2: 138-142 '61.

UNITED STATES—FLUORESCENT LAMPS

New designs of electric lamps and light fixtures (from "Power," no. 5 1959). IA. E. Vol'fkovich. Prom. energ. 15 no. 7: 54-55 Jl '60.

UNITED STATES—FOREIGN ECONOMIC RELATIONS

Suponitskii, S. A. [The United States is the greatest international exploiter] Soedinennye Shtaty Ameriki - samyi krupnyi mezhdunarodnyi ekspluatator. Moskva, Izd-vo "Znanie," 1961. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 3, Ekonomika, no. 22)

UNITED STATES—FOREIGN ECONOMIC RELATIONS—IRAN

From the history of the first seven-year development plan of Iran. A. B. Volkov. Krat. soob. Inst. nar. Azii no. 30: 43-52 '61.

UNITED STATES—FOREIGN RELATIONS—CUBA

Defeat of American diplomacy at Punta del Este. V. Listov. Nov. vrem. 20 no. 7: 7-9 F '62.

Don't go too far! Nov. vrem. 20 no. 6: 3 F '62.

UNITED STATES—FOREIGN RELATIONS—JAPAN

Japanese-American relations after the Second World War. D. L. Angora. Krat. soob. Inst. nar. Azii no. 45: 83-95 '61.

UNITED STATES—FOREIGN RELATIONS—KOREA

The Korean question in the first years of the war in the Pacific, 1941-1943. V. B. Vorontsov. Krat. soob. Inst. nar. Azii no. 45: 57-70 '61.

UNITED STATES—FOREIGN RELATIONS—RUSSIA

Krasnov, I. M. [The class struggle in the U. S. A. and the movement against anti-Soviet intervention, 1919-1920] Klassovaia bor'ba v SShA i dvizhenie protiv antisovetskoi interventsii, 1919-1920 gg. [Moskva] Izd-vo sotsial'no-ekon. lit-ry, 1961. 301 p.

UNITED STATES—FOREIGN RELATIONS—TURKEY

Relations between Turkey and the U. S., 1922-1923. N. G. Kireev. Krat. soob. Inst. nar. Azii no. 30: 150-160 '61.

UNITED STATES—GAS INDUSTRY

Petroleum and gas refining industry of the U. S. A. N. B. Pinigin. Khim. i tekh. topl. i masel 7 no. 1: 68-71 Ja '62.

UNITED STATES—GRINDING MACHINES
Heavy type four-belt grinding machine (from "Furniture and Woodworking," 7 no 1, 1961) Der prom 11 no 1 32 Ja '62.

UNITED STATES—INDUSTRIAL CAPACITY
Guttsait, M. G. [Chronic unemployment and the failure to use full industrial capacity in the U. S. A.] Khronicheskaia bezrabotitsa i nedogruzka predpriiatii SShA. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 369 p.

UNITED STATES—INVESTMENTS, FOREIGN
Capital export and foreign trade of the U.S.A. M. Zakhmatov. Mir. ekon. i mezhdunar. otn. no. 1 68-82 Ja '62.

UNITED STATES—JOURNALISM
"Barking ambassadors" and freedom of the press. V. Maevskii. Sov pech. no. 1, 55-58 Ja '62.

UNITED STATES—LABOR PRODUCTIVITY
Labor productivity in the U.S.S.R. and the U.S.A. D. Karpukhin. Mir. ekon i mezhdunar. otn. no. 1:56-67 Ja '62.

UNITED STATES—LAW—PHILOSOPHY
What caused the revival of natural law in American jurisprudence. G. L. Saidler. Sov. gos. i pravo 32 no. 1:105-111 Ja '62.

UNITED STATES—LITERARY CALENDARS
[Calendar of the Ukrainian National Association for 1962, the year of its convention] Kalendar Ukraina'koho Narodnoho Soiuzu na konventsiinyi rik 1962. Jersey City, N. J. Vyd-vo 'Svoboda, [n. d.] 192 p.

UNITED STATES—MEDICAL CARE, COST OF
Cost of medical attendance for the population in the U. S. A. V. I. Mushakov. Zdrav. Ros. Feder. 5 no. 12: 34-36 D '61.

UNITED STATES—MILITARISM
Precarious period of a war and vigilance. V. Zemskov, A. Bulatov. Voen. vest. 41 no. 9:31-33 S '61.

UNITED STATES—MILITARY POLICY
American imperialism tries to strangle freedom and national independence. Komm. Vooruzh Sil 2 no. 3:87-88 F '62.
Pentagon-Bonn axis. B. Teplinskii. Mezhdunar. zhizn' 9 no. 2:30-39 F '62.

UNITED STATES—MINE HAULAGE
Experimental 75 ton capacity diesel trolley truck (from "Mining World," 23, no. 3, 1961). Ugol' Ukr. 5 no. 7: 44 Jl '61.

UNITED STATES—MONEY
What is happening to the American dollar? A. Bogdanov. Otv. na vop. trud. no. 2:54-57 '61.

UNITED STATES—MOTION-PICTURE PLAYS
Hollywood today. Jon Howard Lawson. Isk. kino no. 12: 122-128 D '61.

UNITED STATES—MUSIC
American notes (conclusion). I. Nest'ev. Sov. muz. 25 no. 8:115-126 Ag '61.

UNITED STATES—MUSIC—CONGRESSES
Forum of musicologists. I. Martynov. Sov. muz. 26 no. 1:123-129 Ja '62.

UNITED STATES—MUSICIANS—SALARIES, PENSIONS, ETC.
Circumstances of musicians in the United States. G. Rot. Sov. muz. 25 no. 12:121-125 D '61.

UNITED STATES—NATURAL LAW
What caused the revival of natural law in American jurisprudence. G. L. Saidler. Sov. gos. i pravo 32 no. 1:105-111 Ja '62.

UNITED STATES—NUCLEAR REACTORS
NRS reactor. Atom. energ. 12 no. 2:167-169 F '62.

UNITED STATES—OPEN-HEARTH FURNACES
Dust removal from under regenerator checkers with the help of the gas purification flue [from foreign practices]. A. Lekhtik. Metallurg 7 no. 1:26 Ja '62.

UNITED STATES—PAPERMAKING MACHINERY
Device for the continuous cooking of hemicellulose. I. K. Bashmakov. Bum. prom 36 no. 10.27-28 O '61.

UNITED STATES—PETROLEUM—REFINING
Petroleum and gas refining industry of the U.S.A. N. B. Piniagin. Khim. i tekh. topl. i masel 7 no. 1:66-71 Ja '62.
Productive capacities of the petroleum refining industry of the U. S. A. in 1960-1961. N. B Piniagin. Khim. i tekh. topl. i masel 6 no. 12:57-63 D '61

UNITED STATES—PHENOLS
New methods of phenol production (from "Ind. Eng. Chem.", no. 11, 1960). Plast. massy no. 10:68 '61.

UNITED STATES—PLYWOOD
Durable floor tiles (from "Wood and Wood Products," 65, no 11, 1960) Der prom. 11 no 1 30 Ja '62.

UNITED STATES—POLITICS AND GOVERNMENT
"Slippery fuehrer" and his helpers. K. Nepomniashchii. Ogonek 40 no. 3,4-5 Ja '62.

UNITED STATES—RELATIONS (GENERAL) WITH IRAN
Under a double yoke A. Bashkirov. Az. i Afr seg. no 1: 20-21, 25 Ja '62.

UNITED STATES—ROCKETS (ORDNANCE)
Foreign military information. Voen. vest. 41 no. 9: 121-123 S '61.

UNITED STATES—RUBBER, SYNTHETIC
New process of rubber drying developed by Dasher (from "Rubber Age" no. 2, 1961) Kauch. i rez. 21 no 1: 64 Ja '62.
New synthetic rubber (from "Rubber Age" no. 3, 1961). Kauch. i rez. 21 no 1:63 Ja '62.

UNITED STATES—SHIPBUILDING
American-built ships [from "Marine Engineering Log," no. 6, VI, 1961; "Marine News," no. 8, II, 1961]. Sudostroenie 27 no. 11:71-72 N '61.

UNITED STATES—SIRUPS
Processing sirup with active carbon in a continuous flow (from "Sugar y Azucar," Nos 5-6, 1961) G. S Benin Sakh. prom. 35 no 11 70-71 N '61.

UNITED STATES—STEEL INDUSTRY
Peshkin, I. S. [Soviet metallurgists surpass the American ones; from the creative practice of workers and specialists of pyrometallurgy] Sovetskie metallurgi obgoniaiut amerikanskikh; iz tvorcheskogo opyta rabochikh-masterov ognevogo truda. [Moskva] Izd-vo VTsSPS Profizdat, 1961. 188 p. (Massovaia bibliioteka rabochego)

UNITED STATES—STRIP MINING
Strip mining in the U.S.A. (from "Mechanization," July, 1960). V. V. Zelinskii. Ugol' Ukr 5 no. 7:43 Jl '61.

UNITED STATES—SUGAR TRADE
Sugar on American market in 1960. Sakh. prom. 35 no. 11:74 N '61.

UNITED STATES—SURGERY
Silicones in surgery (from "Rubber Age," no. 11, 1961). Plast. massy no. 10:69-70 '61.

UNITED STATES—SYNTHETIC PRODUCTS
Production of synthetic products from acetylene in the U S IU. IA. Turov. Khim. prom. no. 9.66-72 S '61.

UNITED STATES—TANK WARFARE
Tank battalion of an American infantry division on the defensive (as revealed by foreign data). F. Martynov. Voen. vest. 41 no. 7:122-124 Jl '61.

UNITED STATES—TRADE UNIONS
Stagnation in American trade unions. I. Lapitskii. Nov. vrem. 20 no. 7:18-20 F '62.

UNITED STATES—UKRAINIANS
[Calendar of the Ukrainian National Association for 1962, the year of its convention] Kalendar Ukrains'koho Narodnoho Soiuzu na konventsiinyi rik 1962. Jersey City, N. J. Vyd-vo 'Svoboda, [n. d.] 192 p.

UNITED STATES—UNEMPLOYED
Guttsait, M. G. [Chronic unemployment and the failure to use full industrial capacity in the U. S. A.] Khronicheskaia bezrabotitsa i nedogruzka predpriiatii SShA. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 369 p.

UNITED STATES—VENEERS AND VENEERING
Device for loading the press (from "Wood and Wood Products," 66, no. 6 1961) Der. prom. 11 no. 2:31 F '62.
Device for repairing glued veneer (from "Lumberman," 88, n. 3, 1961). Der. prom. 11 no 1:30 Ja '62.
Semiautomatic line for the finishing of glued veneer (from "Wood and Wood Products," November, 1960). Der. prom. 11 no. 2:32 F '62.

UNITED STATES—WAR—ECONOMIC ASPECTS
Capitalist reproduction of the means of production and the militarization of the economy. IU. Ol'sevich. Vop ekon. no. 2:82-93 F '62.
Some consequences of the militarization of the U. S. A. economy. E. A. Arkhipsev. Uch. zap. kaf. obshchestv. nauk vuz, g. Len. ; Polit. ekon. no. 3:216-238 '61.

UNITED STATES—WAR OF 1898
"Spanish-American War" by Zhilinskii. Reviewed by V. Vladimirov Ogonek 40 no. 6,18-19 F '62

UNITIZED CARGO SYSTEMS
Buzanov, S. P., and others. [Transportation of container and piece goods on pallets in foreign countries] Perevozka tarno-shtuchnykh gruzov na poddonakh za rubezhom. Moskva, Vses. in-t nauchn. i tekhn. informatsii, 1960. 79 p.

UNIVERSE see Cosmology

UNIVERSITIES AND COLLEGES see subdivision under Leningrad; Mongolia; Moscow; Riga; Tashkent

UNSATURATED COMPOUNDS
Free radical addition of butyrolactone to unsaturated compounds. G. I Nikishin and others. Izv. AN SSSR. Otd. khim. nauk no. 1:146-151 Ja '62.
Reaction of polyfluorinated nitroso alkanes with unsaturated compounds. S P. Makarov and others Dokl AN SSSR 142 no. 3:598-599 Ja '62

UPPER VOLTA—DESCRIPTION AND TRAVEL
Flag of Three Rivers. N. Portugalov. Nov. vrem. 20 no 8,26-28 F '62.

URACIL
Potentiation of medicated sleep with 6-methylthiouracil and rubeane hydride [with summary in English] M. V. Korablev. Biul. eksp biol. i med. 52 no. 8:67-70 Ag '61.

URAL MOUNTAIN REGION—ARCHAEOLOGY—CONGRESSES
Ural'skoe Arkheologicheskoe soveshchanie. 2d., 1961. [Materials of the Second Archaeological Conference on the Urals] Materialy. Sverdlovsk, 1961. 11 p. [MICROFILM]

URAL MOUNTAIN REGION—BORING MACHINERY
Drilling large and small holes in Ural Mountain mines V F Zinin. Vzryv. delo no 46/3.161-170 '61.

URAL MOUNTAIN REGION—DELIVERY OF GOODS—STATISTICS
Analyze statistical reports on industrial cooperation more deeply. Z. Drugaleva, A. Vlasova, L. Zhukova. Vest. stat. no 1:34-38 '62.

URAL MOUNTAIN REGION—DRAINAGE
Drainage of agricultural lands in the Urals. N. G. Fedorov. Dokl. i soob. UNIISKH no 4:9-24 '59.

URAL MOUNTAIN REGION—ELECTRIC RAILROADS
Study of vagrant currents from an electrified railroad and the nature of their attenuation in the Southern Ural area. I. V. Kovalevskii and others Geomag. i aer. 1 no 5 825-829 S-O '61.

URAL MOUNTAIN REGION—HOURS OF LABOR
Work and rest schedules in connection with the further shortening of the working hours. G. Chufarova. Biul. nauch. inform. trud i zar. plata 4 no. 9:10-16 '61.

URAL MOUNTAIN REGION—PLANTS, FLOWERING OF
Opening of buds in winter. N. M. Chuiko. Priroda 51 no 1:126 Ja '62.

URAL MOUNTAIN REGION—VEGETABLES—IRRIGATION
Sprinkler irrigation of vegetable crops in the Urals. N. G. Fedorov. Dokl. i soob. UNIISKH no. 4:37-43 '59.

URAL MOUNTAIN REGION—WORLD WAR, 1939-1945
"Soviet scientists in the Ural Mountain region during the war; a diary (continuation). L. D. Shevlakov. Ist. arkh. 7 no. 3:201-224 My-Je '61.

URAL MOUNTAINS—BAUXITE
Kolodiazhnaia, A. A., and others. [Formation of underground waters in the region of bauxite deposits in the Northern Urals] Formirovanie podzemnykh vod raiona Severoural'skikh boksitovykh mestorozhdenii. Moskva, Izd-vo Akad. nauk SSSR, 1961. 143 p. (Akademiia nauk SSSR. Laboratoriia gidrogeologicheskikh problem. Trudy, vol. 31)

URAL MOUNTAINS—DISTYLIUM, FOSSIL
Two new fossil plants in the Tertiary flora of the southern Urals T. D. Kolesnikova. Bot. zhur. 46 no. 12: 1817-1819 D '61.

URAL MOUNTAINS—FELDSPAR
Investigating feldspathic raw materials from the Urals. A. A. Zviagil'skii, V. I. Bokuniaeva. Trudy GIEKI no. 4:3-17 '60.

URAL MOUNTAINS—FORESTS AND FORESTRY
Recent data on the distribution of some species and mixed forests with their participation in the south of the central Urals. V. I. Prokaev, B. P. Kolesnikov. Bot. zhur. 46 no. 12:1814-1817 D '61.

URAL MOUNTAINS—HYDROGRAPHY
Kemmerikh, A. O. [Hydrography of the Northern, Sub-Arctic, and Arctic Urals] Gidrografiia Severnogo, Pripolliarnogo i Poliarnogo Urala. Moskva, Izd-vo Akad. nauk SSSR, 1961 136 p.

URAL MOUNTAINS—JOINTS (GEOLOGY)
Study of regional fracturing of Ural rocks. A. A. Malakhov, B. I. Pil'shchikov, V. E. Zasypkin Izv. vys. ucheb. zav. ; gor. zhur. no. 11:10-14 '61.

URAL MOUNTAINS—NEPHELITE
Nepheline rocks of the Urals and prospects for their industrial use. M. G. Isakov. Trudy Uralmekhanobra no. 5:151-163 '59.

URAL MOUNTAINS—PETROLOGY

Age of ultrabasite intrusions of the Southern Urals S S Gorokhov, G B Rudnik, V. S Sharfman Dokl AN SSSR 142 no 3 643-646 Ja '62.

URAL MOUNTAINS—PINE, FOSSIL

Two new fossil plants in the Tertiary flora of the southern Urals. T. D. Kolesnikova Bot zhur 46 no 12: 1817-1819 D '61

URAL MOUNTAINS—RUTILE—ANALYSIS

Certain characteristics of the composition of rutile-amphibolite and rutile-eclogite Ural ores. M.G Isakov Trudy Uralmekhanobra no 5 138-150 '59

URAL MOUNTAINS—WATER, UNDERGROUND

Kolodiazhnaia, A. A., and others. [Formation of underground waters in the region of bauxite deposits in the Northern Urals] Formirovanie podzemnykh vod raiona Severoural'skikh boksitovykh mestorozhdenii. Moskva, Izd-vo Akad. nauk SSSR, 1961. 143 p. (Akademiia nauk SSSR. Laboratoriia gidrogeologicheskikh problem. Trudy, vol. 31)

URAL'SK—COMMUNIST PARTY OF THE SOVIET UNION—MEMBERSHIP

What lack of principle leads to. N. Dadabaev. Part. zhizn' Kazakh. no. 11:61-64 N '61.

URANINITE

Interaction of a fatty-acid collector with uraninite during flotation. L. A. Grekulova. Atom energ 12 no 2. 140-146 F '62.

X-ray study of uraninites and gummites. V. I. Mikheev. Zap. LGI 38 no. 2:26-72 '61.

URANIUM

(see also subdivision under Azov Sea region, Black Sea region)

Beranova, G., and others. [Production of Md^{256} through irradiation of U^{238} with Ne^{22} ions, and study of some of its chemical properties] Poluchenie Md^{256} pri obluchenii U^{238} ionami Ne^{22} i izuchenie ego nekotorykh khimicheskikh svoistv. Dubna, Ob"edinennyi in-t iadernykh issl., 1962, 11 p. [With summary in English]

Instrument spectra of γ-radiation from infinite strata of uranium ore. S. G. Troitskii, V. L. Shashkin, K. I. Bykova. Atom. energ. 12 no. 1:67-70 Ja '62.

Investigation of an assembly of uranium rods for the BP-5 reactor. V. I. Galkov. Atom. energ. 12 no. 1: 56-57 Ja '62.

New books on the technology of uranium and artificial radioactive elements. Zhur. prikl. khim. 35 no. 1:230-231 Ja '62.

Possibility for separate determination of uranium and thorium on measurements of γ-ray spectra from ores occurring naturally. S. G. Troitskii, V. L. Shashkin, K. I. Bykova. Atom. energ. 12 no 1:70-72 Ja '62

URANIUM—ISOTOPES

Comparison of the kinetic energies of the fission fragments of U^{238} produced by 3 and 15 Mev. neutrons. I. A. Baranov, A. N. Protopopov, V. P. Eismont. Atom. energ 12 no 2:150-151 F '62.

Energy levels of the U^{232} nucleus [with summary in English]. S. A. Baranov and others. Zhur. eksp. i teor. fiz. 41 no. 6:1740-1747 D '61.

URANIUM COMPOUNDS

Recovery of uranium from waste waters of chemical plants and scientific research laboratories. L. D. Skrylev, S. G. Mokrushin. Zhur. prikl. khim. 34 no. 11: 2403-2407 N '61.

URANIUM ORES

Maximum permissible irradiation levels during the extraction and dressing of uranium ores. A. E. Sokolov. Atom. energ. 12 no. 2:170 F '62.

URDU LANGUAGE—STUDY AND TEACHING

Teaching the Hindi and Urdu languages in schools. K. T. Kasymova. Inostr. iaz. v shkole no. 1:51-53 Ja-F '62.

UREA

Developing the carbamide method for separating oxygen-containing substances into normal and isostructural compounds. E. M. Kholiets and others. Khim. i tekh. topl. i masel 7 no. 1:60-64 Ja '62.

Production of granular urea. I. P. Belousov, N. V. Meshcheriakov, N. V. Nikiforova. Khim. prom. no. 12: 865-866 D '61.

Production of melamine from urea. M. Mikhailov, Kh. Aliaminov. Khim. prom. no. 11 805-806 N '61.

URETERS—SURGERY

Ureteropyeloplasty of a single pyonephrotic kidney. S. A. Kagan. Vest. khir. no. 6:112-113 '61.

URETHANES

Effect of the action of analeptics on respiration against the background of morphine, medinal and urethane application [with summary in English]. T. V. Raspopova. Farm. i toks. 24 no. 3:276-279 My-Je '61.

Production of linear polyurethans without solvents Some physical and mechanical indices of polyurethans based on hexamethylenediisocyanate and the glycol series V. V. Korshak, IU. A Stripikheev, A. F. Moiseev Plast. massy no 9 16-20 '61

URETHRA—DISEASES

Mycotic urethritis in men. L. V Shevliakov. Vest. derm. i ven. no. 1 46-49 '62

URINARY ORGANS—DISEASES

Appearance of skin cancer in the area of urinary fistulae. N S, Anishin. Vop. onk. 7 no. 6,95-96 '61

URINE—ANALYSIS AND PATHOLOGY

Alkaptonuria. C. Dimitriu and others. Terap arkh. no 5:88-91 '61.

Alkaptonuric arthrosis T. Tashev, G. Khadzhidekov, D TSkova. Klin. med no 1 129-131 '62

URINE—INCONTINENCE

Function study of urinary incontinence in women [with summary in English]. L Shvorts. Akush i gin no 5 103-106 '61.

URINE—SECRETION

Duration in blood circulation and excretion with the urine of sarcolysin C^{14} after intravenous application to rabbits [with summary in English]. M. A. Novikova, A. V. Chestukhin. Biul. eksp. biol i med. 52 no. 8:56-59 Ag '61.

Twenty four hour rhythm of excretion of microelements with the urine [with summary in English]. E. V. Sabadash, V. R. Soroka. Biul. eksp. biol i med 52 no 8: 64-66 Ag '61.

UROPEPSIN

Diagnostic significance of determining uropepsin in the urine in chronic gastritis. V. A Timakov Sov med 25 no. 9:105-107 S '61.

URSAT'YEVSKAYA REGION—WINDS

Short-range forecasting of strong eastern winds in the Ursat'yevskaya region. M. V. Burkova. Trudy Sred. Az. nauch.-issl. gidrometeor. inst. no. 4:14-28 '61.

Some aerometeorological characteristics observed during periods of the Ursat'yevskaya winds. S. G Chanysheva. Trudy Sred.-Az. nauch.-issl. gidrometeor. inst. no. 4 29-43 '61.

Vertical air motions during the Ursat'yevskaya winds. S. G. Chanysheva. Trudy Sred.-Az. nauch.-issl. gidrometeor. inst. no. 4:44-49 '61

URUSEVSKII, SERGEI

Creative quests of Sergei Urusevskii. L. Dyko, Isk. kino no. 7:102-112 Jl '61.

USA VALLEY (KOMI A. S. S. R.)—FISHES

Characteristics of the ichthyofauna in the basin of the Usa River with reference to its Quaternary history. L. N. Solovkina. Trudy Komi fil. AN SSSR no. 9:37-47 '60.

USPENSKII, KONSTANTIN NIKOLAEVICH, 1874-1917

History of Russian bourgeois Byzantine studies in the 20th century Z. V. Udal'tsova. Viz. vrem. 20:32-63 '61.

USSURIYSK—GROCERY TRADE

Exhibition of groceries. I. Gorelov. Sov. torg. 35 no. 2: 33 F '62.

UST'-KAMENOGORSK—VOCATIONAL EDUCATION

Thoughts on increasing technical studies in schools. G. Peskov. Part. zhizn' Kazakh. 31 no. 10:44-47 O '61.

UTERUS

Contractile activity of various segments of the uterus during labor. M. IA. Martyshin. Akush. i gin. no. 5: 24-30 '61.

Effect of external uterine massage on its contractile capacity. N. A. Shilko. Akush i gin. no. 5:30-35 '61.

Some problems of the structure and function of the smooth uterine muscle; review of the literature. L. I. Lebedeva. Akush. i gin. no. 5:15-23 '61.

UTERUS—CANCER

Chorioepithelioma of the uterus. IA. M. Landau. Sov. med. 25 no. 8:135-138 Ag '61.

Distribution of Au^{198} in the pelvic lymph nodes and the morphological changes in them during treatment of cancer of the cervix uteri [with summary in English]. O. M. Nosalevich. Med. rad. no. 1:35-40 '62.

Morphological diagnosis of carcinoma in situ of the cervix uteri [with summary in English]. R. M. Sokolovskii, A. B. Derazhne, Z. I. Malyshova. Vop. onk. 7 no. 8: 43-54 '61.

Neuroplegic substances in combination with local anesthesia in surgery for cancer of the uterine corpus and cervix [with summary in English]. N. M. Novikova. Sov. med. 25 no. 8:40-43 Ag '61.

Significance of individualization and standardization in rational radiotherapy of patients with cancer of the cervix uteri. V. P. Tobilevich. Vop. onk. 7 no. 8:30-42 '61.

Tables for the computation of the radiation absorption dose in rads in curietherapy of cancer of the cervix uteri. V. V Kholin, V P. Luk'ianov Med rad. no 1 32-34 '62.

UTERUS—DISEASES

Detection and treatment of precancerous conditions of the cervix uteri under conditions of a mud therapy spa. I. A. Brusilovskii, N D Batsman, G S Leibovich Sov. med. 25 no 8,129-131 Ag '61.

Some data on polypi of the cervix uteri. V. A. Golubev, Sov. med. 25 no. 8:131-135 Ag '61.

Treatment of chronic cervicitis and concomitant erosions with Tashkent mineral water. S A Kasymova Med zhur. Uzb. no. 6:24-27 Je '61

Treatment of chronic endocervicitis and erosions of the cervix uteri by deep laminar diathermocoagulation. E. V Malzhaninov. Sov med. 25 no 9 115-118 S '61.

UTERUS—TUMORS

Characteristics of differentiation and mitotic division of epithelium of the cervix uteri and vagina of mice. N. I. Vol'fson. Vop. onk 7 no. 8:54-61 '61

Torsion of a myomatous uterus in two patients diagnosed preoperatively V. M. Grubnik, T. V. Grubnik. Akush. i gin. no 5 119-120 '61

UZBEKISTAN—AGRICULTURAL MACHINERY INDUSTRY

IAshin, D. V. [Agricultural machinery industry in Uzbekistan; new machinery] Sel'skokhoziaistvennoe mashinostroenie Uzbekistana; novye mashiny. Tashkent, Izd-vo Uzbekskoi SSR, 1959. 31 p (Vystavka dostizhenii narodnogo khoziaistva SSR) [MICROFILM]

UZBEKISTAN—AMEBIASIS

Pathogenesis of amebiasis [with summary in English]. A. A. Askarov. Med. zhur. Uzb. no. 8 23-30 Ag '61.

UZBEKISTAN—ASCARIDS AND ASCARIASIS

Means and methods for exterminating ascariasis in Uzbekistan [with summary in English]. L M. Isaiev. Med zhur Uzb. no. 8:39-45 Ag '61

UZBEKISTAN—AUDITING

Checking people and their actual work performance is the main thing. Nar. khoz. Uzb. 3 no. 8:8-10 Ag '61.

UZBEKISTAN—BAKERS AND BAKERIES

Future development and distribution of baking, macaroni and confectionery industries of Uzbekistan Z. I. Punts, M. N. Khanzhin. Khleb. i kond. prom. 5 no 12,18-20 D '61.

UZBEKISTAN—BISMUTH

Uzbek bismuth. L. Miroshnikov. Nar. khoz. Uzb. 3 no. 8,90-91 Ag '61.

UZBEKISTAN—BLOOD BANKS

Blood bank system in the Republic. S. A. Agzamkhodzhaev, V. G. Mikhailov. Med. zhur. Uzb. no 6:72-74 Je '61.

UZBEKISTAN—CAPITAL INVESTMENTS

The economy of our Republic. Nar. khoz. Uzb. 3 no. 8: 30-32 Ag '61.

UZBEKISTAN—CHILDREN—DISEASES

Problems of children's hygiene in prerevolutionary Uzbekistan (1868-1916) Part 2: Morbidity among children in the former Turkestan Province. D. M. Nitanov Med zhur. Uzb. no. 7:24-27 Jl '61

UZBEKISTAN—COAL—TRANSPORTATION

Electronics and coal transportation. I. Ubaidullaev. Nar. khoz. Uzb. 4 no. 1:70-72 Ja '62.

UZBEKISTAN—COLLECTIVE FARMS

Khvan, M. G. [Collective farms advance under communism] Kolkhoz shagaet v kommunizm. Tashkent, Gos. izd-vo Uzbekskoi SSR, 1961. 45 p. (Vystavka dostizhenii narodnogo khoziaistva SSSR)

There where the shocks rustled, B. Dubrovin. Kult. i zhizn' 5 no. 8:8-10 '61.

UZBEKISTAN—CONCRETE PLANTS—HYGIENIC ASPECTS

Some problems of industrial hygiene in reinforced concrete products plants in Uzbekistan Kh N. Abdullaev. Med. zhur. Uzb. no. 7:14-16 Jl '61.

UZBEKISTAN—CONSTRUCTION INDUSTRY

The economy of our Republic. Nar. khoz. Uzb. 3 no. 8: 30-32 Ag '61.

Perfecting the methods of planning is an important condition for an upsurge in capital construction. I. Borovkov. Nar. khoz. Uzb. 4 no 1:27-31 Ja '62.

Why the increase in labor productivity must outstrip the increase in wages. A. Kaznov. Nar. khoz. Uzb. 4 no. 1:83-85 Ja '62.

UZBEKISTAN—CORN (MAIZE)

There where the shocks rustled, B. Dubrovin. Kult. i zhizn' 5 no. 8:8-10 '61.

UZBEKISTAN—COTTON GROWING

"Savai," an experimental farm. G. Mil'man. Nar. khoz. Uzb. 3 no. 8 18-22 Ag '61.

UZBEKISTAN—COTTON-PICKING MACHINERY

Let scientists have their last word. N. Litinchii. Nar. khoz. Uzb. 3 no. 8 58-61 Ag '61.

UZBEKISTAN—CRAMBE

Colewort. N. A. Amirkhanov. Priroda 51 no. 1:116-117 Ja '62.

UZBEKISTAN—ECONOMIC POLICY

All remarks are taken into consideration. Nar. khoz. Uzb. 4 no 1:80-90 Ja '62

The economy and culture of Uzbekistan in the fourth year of the seven-year plan. S. Ziiadullaev. Nar. khoz Uzb. 4 no. 1:3-22 Ja '62.

UZBEKISTAN—EDUCATION, HIGHER

Higher education in Uzbekistan during the Great Patriotic War; 1941-1945 [in Uzbek with summary in Russian]. R. Melikulov. Obshchestv. nauki v Uz. no. 7:12-17 '61

UZBEKISTAN—EDUCATION, PRESCHOOL

Party leads us to communism. Khamrakul Tursunkulov. Doshk vosp. 35 no. 1:15-16 Ja '62

UZBEKISTAN—ELECTRIFICATION

At the decisive stage of Lenin's plan for electrification. I. Balgaev. Nar. khoz. Uzb. 3 no. 8:28-36 Ag '61.

UZBEKISTAN—FOOD INDUSTRY

Comprehensive utilization of raw materials is an important potential for increasing the production of food products. Z. TSunts, M. Khanzhin. Nar. khoz. Uzb. 3 no. 8 67-72 Ag '61.

UZBEKISTAN—FOREIGN ECONOMIC RELATIONS

Economic relations of Uzbekistan with foreign countries. D. Il'khamova. Nar. khoz. Uzb. 4 no. 1:86-88 Ja '62

UZBEKISTAN—GAS, NATURAL—GEOLOGY

Step up the tempos of prospecting for gas and oil. A. Tievskii. Nar. khoz Uzb. 3 no. 8:37-41 Ag '61.

UZBEKISTAN—GAS, NATURAL—PIPELINES

Highway of the "blue fire." T. Osipov. Az. i Afr. seg. no. 1:23 Ja '62.

UZBEKISTAN—HEATING FROM CENTRAL STATIONS

Heat conduits could be laid without ditches. K. Glovatskii. Nar. khoz. Uzb. 4 no. 1:04-05 Ja '62.

UZBEKISTAN—HEMORRHAGIC FEVER

Some characteristics of hemorrhagic fever in Uzbekistan [with summary in English]. I. K. Musabaev. Med. zhur. Uzb. no. 8:62-65 Ag '61.

UZBEKISTAN—INDUSTRIAL MANAGEMENT

Checking people and their actual work performance is the main thing. Nar. khoz. Uzb. 3 no. 8 8-10 Ag '61.

Sale of products is the principal criterion. A. Kaznov. Nar. khoz. Uzb. 3 no. 8 50-51 Ag '61.

UZBEKISTAN—INDUSTRIES

In 54 countries. D. Il'khamova. Az. i Afr. seg. no 1:22 Ja '62.

In the Regional Economic Council of the Uzbek S. S. R. R IUr'ev. Nar. khoz. Uzb. 4 no. 1:01-93 Ja '62.

Role of industry in creating the material and technical foundation for communism. Nar. khoz. Uzb. 4 no. 1: 52-59 Ja '62.

UZBEKISTAN—INDUSTRIES—CONGRESSES

S"ezd inzhenerno-tekhnicheskikh rabotnikov i novatorov promyshlennosti Uzbekistana, 2d. [Theses of reports to the Congress of Engineers, Technical Specialists and Innovators of Uzbekistan Industry] Tezisy dokladov, Tashkent, In-t nauchno-tekh. informatsii i propagandy Gos. nauchno-tekhn. kom-ta Sovet Ministrov UzSSR.

[Vol. 1.] [Section of the mining industry] Sektsiia gornorudnoi promyshlennosti. 1960. 15 p.

[Vol. 2.] [Section of light industry] Sektsiia legkoi promyshlennosti. 1960. 13 p.

[Vol. 3.] [Section of the petroleum and natural gas industry] Sektsiia neftianoi i gazovoi promyshlennosti. 1960. 30 p.

[Vol. 4.] [Section of the textile industry] Sektsiia tekstil'noi promyshlennosti. 1960. 24 p.

[Vol. 8.] [Section of the building materials and construction industry] Sektsiia promyshlennosti stroitel'nykh materialov i stroitel'stva. 1960. 20 p.

[MICROFILM]

UZBEKISTAN—IRRIGATION

Path of water. Sharaf Rashidov. Oktiabr' 36 no. 8: 168-172 Ag '61.

UZBEKISTAN—LABOR SUPPLY

Growth of manpower in the industry of Uzbekistan in the postwar period. F. A. Aripov. Obshchestv. nauki v Uz. no. 11:34-38 '61.

UZBEKISTAN—LEGAL RESEARCH

State and development of legal science in Uzbekistan. Kh. S. Sulaimanova. Obshchestv. nauki v Uz. no 7:3-11 '61.

UZBEKISTAN—MACHINERY INDUSTRY

Criteria for the utilization of capital assets. G. Gabzalilov. Nar. khoz Uzb 3 no 8 46-49 Ag '61.

UZBEKISTAN—MALARIA—PREVENTION

Epidemiological and organizational prerequisites for the extermination of malaria in Uzbekistan [with summary in English]. K S Zairov Med zhur. Uzb no 8-8-17 Ag '61.

UZBEKISTAN—MEDICINE—CONGRESSES

Out-of-town theoretical and practical conference of the departments of the Tashkent State Medical Institute with practicing physicians of Fergana District of the Uzbek S. S. R. R. M. Nurmukhamedov. Med. zhur. Uzb no 6: 72-73 Je '61.

UZBEKISTAN—MINING MACHINERY

Supply new machinery to Uzbekistan miners. I. Bolotin, K. Mamadaliev. Nar. khoz. Uzb. 4 no. 1.64-66 Ja '62

UZBEKISTAN—MUNICIPAL SERVICES

The Uzbek S.S.R. Zhil.-kom. khoz. 11 no. 10 25 O '61.

UZBEKISTAN—MUSEUMS

Glass, IU. I., and L. M. Landa. [Museums of Uzbekistan] Muzei Uzbekistana. Tashkent, Gos. izd-vo Uzbekskoi SSR, 1961. 75 p.

UZBEKISTAN—NEWSPAPER AND PERIODICAL CIRCULATION

In a collective-farm soviet for the distribution of printed matter. N. Nazhmiddinov. Raspr. pech no. 6:10-12 Je '61.

In the center of the party organization's attention. M. Tagirova. Raspr. pech. no. 6:13 Je '61.

UZBEKISTAN—OCCUPATIONAL DISEASES

Present-day problems of occupational pathology and the control of certain occupational diseases in Uzbekistan K. S. Zairov, L. B. Shraiber. Med. zhur. Uzb. no. 7-3-9 Jl '61.

UZBEKISTAN—ORIENTAL STUDIES

Status and tasks of oriental studies in Uzbekistan in the light of the decisions of the 22d Congress of CPSU. S. A. Azimdzhanova, M. G. Pikulin. Obshchestv. nauki v Uz. no. 11:25-33 '61.

UZBEKISTAN—OTOLARYNGOLOGICAL SOCIETIES

Report on the work of the Uzbek branch of the All-Union Otolaryngological Society for 1960. I IU. Laskov, R. A. Khamraeva. Med. zhur. Uzb. no. 6:67-69 Je '61

UZBEKISTAN—PETROLEUM GEOLOGY

Step up the tempos of prospecting for gas and oil. A. Tievskii. Nar. khoz Uzb. 3 no. 8:37-41 Ag '61.

UZBEKISTAN—PHILOSOPHY

Materialistic tendencies of Uzbekistan thinkers at the end of the 19th and the beginning of the 20th century M. Baratov. Obshchestv. nauki v Uz. no. 7:60-63 '61.

UZBEKISTAN—PHOSPHATES

Stimulate the production of concentrated fertilizers. R. Ivanov. Nar. khoz. Uzb. 3 no. 8:58-59 Ag '61.

UZBEKISTAN—PUBLIC HEALTH

Collegium of the Ministry of Health of the Uzbek S. S. R V. I Kotova. Med. zhur. Uzb. no. 7-78 Jl '61.

Medical worker activists of the Republic. A. M. Volokhvianskii. Med. zhur. Uzb. no. 6:66-67 Je '61.

Out-of-town session on problems of hygiene and sanitation in Uzbekistan. S. S. Salikhodzhaev, L. B Shraiber. Med. zhur. Uzb. no. 7:78-79 Jl '61.

UZBEKISTAN—PUBLIC HEALTH SOCIETIES

Meetings of the Uzbek Republican Hygienic Society during 1960. S. N. Babadzhanov, N. M. Demidenko Med. zhur. Uzb. no. 7-79-80 Jl '61.

UZBEKISTAN—RABBITS

Uzilevskala, P. Sh., and R. Negmatullin. [Eshkuvvat Kucharov, rabbit breader] Krolikovod Eshkuvvat Kucharov. Tashkent, M-vo kul'tury UzSSR TSentr. Kom-t LKSM Uzbekistana Izd-vo "Esh gvardiia," 1961. 14 p. (Shkola peredovogo opyta) (DA)

UZBEKISTAN—RADIOBIOLOGICAL RESEARCH

Atom for peace in the hands of a biologist. N. Syrova. Nar. khoz. Uzb. 4 no. 1.73-74 Ja '62.

UZBEKISTAN—RECLAMATION OF LAND

When people came down from the mountains.... V. Skorodumov. Nar. khoz. Uzb. 3 no. 8:57 Ag '61.

UZBEKISTAN—RESEARCH

Put the achievements of science at the service of the national economy. Nar. khoz. Uzb. 3 no 8 3-7 Ag '61.

UZBEKISTAN—SEWAGE IRRIGATION—HYGIENIC ASPECTS

Sanitary and hygienic evaluation of soils and plants irrigated with sewage containing copper, zinc, and lead Sh T Atabaev Med zhur Uzb no. 7:16-20 Jl '61.

UZBEKISTAN—SMALLPOX—PREVENTION

Studying the duration of immunity to smallpox vaccine in Uzbekistan [with summary in English] S I. Nesmetianova and others. Med. zhur. Uzb. no. 8.65-68 Ag '61.

UZBEKISTAN—SOCIALIST COMPETITION

In the Regional Economic Council of the Uzbek S. S. R. R. IUr'ev. Nar. khoz. Uzb 4 no 1:91-93 Ja '62.

UZBEKISTAN—STOCK AND STOCKBREEDING

"Savai," an experimental farm. G. Mil'man. Nar. khoz. Uzb. 3 no. 8 18-22 Ag '61

UZBEKISTAN—STRIP MINING—TECHNOLOGICAL INNOVATIONS

Supply new machinery to Uzbekistan miners. I. Bolotin, K. Mamadaliev. Nar. khoz Uzb 4 no. 1:64-66 Ja '62.

UZBEKISTAN—SUGGESTION SYSTEMS

People of inquiring mind. V. Zhutov. Nar. khoz. Uzb. 3 no 8 64-66 Ag '61

UZBEKISTAN—TEXTILE INDUSTRY—LABOR PRODUCTIVITY

Planning labor productivity in the textile industry. G. Vol. Nar khoz. Uzb. 4 no 1:40-45 Ja '62.

UZBEKISTAN—WATER RESOURCES DEVELOPMENT

Urgent problems in hydraulic engineering construction. V. Bylbas. Nar. khoz. Uzb. 3 no. 8 11-17 Ag '61

UZH VALLEY—ARCHAEOLOGY

Exploration along the Uzh Valley. I. P. Rusanova. Kiat. soob. Inst. arkheol. no. 86:70-72 '61.

UZHVII, NATAL'IA MIKHAILOVNA, 1898-

Nataliia Uzhvii. Liubomir Dmiterko. Teatr 23 no. 1: 81-82 Ja '62.

VACCINATION

Associated immunization against typhus fever, Q fever, and tick-borne rickettsiosis in northern Asia in experiments on guinea pigs [with summary in English]. E. M. Golinevich, V. A. Genig. Vop. virus. 6 no. 5 598-602 S-O '61.

VACCINES

Spleen regeneration after changes caused by live antiplague vaccine [with summary in English]. S. L. Bliakher, G. V. Kharlova. Biul. eksp. biol. i med 52 no. 8:105-110 Ag '61.

Study of the immunological activity of killed tissue vaccine against tick-borne encephalitis. Report No. I. Immunological changes in vaccinated subjects following the 1st and 2d vaccination [with summary in English] L. N Spitsyna. Vop. virus. 6 no. 5:552-556 S-O '61.

Treatment of multiple sclerosis with margulis - Shubladze vaccine. A. B. Rogover. Vest. AMN SSSR 16 no. 8:49-53 '61.

VACUUM APPARATUS

Growth of crystals in vacuum apparatus (from "Gazeta Cukrownicza," No. 3, 1961). Sakh. prom. 35 no. 12: 59-61 D '61.

VAGINA—DISEASES

Protistocidal properties of bee honey collected from various flowers and the treatment of trichomonal colpitis. J. M Toming-Reintam, N. G. Zhuravleva. Akush. i gin. no. 5 106-108 '61.

VAGINA—INNERVATION

Effect of the stimulation of vaginal mechanoreceptors on the sugar content of blood [in Azerbaijani with summary in Russian]. V. A. Efendieva. Trudy Sekt. fiziol. AN Azerb. SSR 4:88-96 '60.

VAGINA—TUMORS

Characteristics of differentiation and mitotic division of epithelium of the cervix uteri and vagina of mice. N. L. Volf'son. Vop onk. 7 no. 8:54-61 '61.

VAGUS NERVE

Effect of stimulation of the central end of the vagus nerve and the administration of acetylcholine on the blood pressure. L. I. Vasil'eva. Fiziol. zhur. 47 no. 7:815-820 Jl '61.

Role of the vagus nerve in the regulation of digestive processes in fish. O. A. Gomazkov, B. V. Krafchikhin. Fiziol. zhur. 47 no. 10:1283-1288 O '61.

Species characteristics in the phenomenon of adrenaline bradycardia in rabbits. O. A. Mikhaleva. Fiziol. zhur 47 no. 7:826-833 Jl '61.

VAGUS NERVE—SURGERY
Effect of irradiation excitation of the respiratory center on the motor centers of the tongue muscles (respiratory contractions of the tongue). Liu Lei Fiziol. zhur. 47 no 7:906-912 Jl '61.

VAINBERG, M.
Great success of Vainberg. G. Poliakovskii. Sov. muz. 25 no. 8:17-19 Ag '61.

VAKHSH HYDROELECTRIC POWER STATION
Giant construction on the Vakhsh. V. Semenov. Otv. na vop rab. no. 12:39-42 '61.

VAKHSH VALLEY—SEISMOLOGY
Seismotectonic characteristics of the central part of the Tajik Depression [with summary in English]. V. I. Bune, V. M. Reiman. Trudy Inst seism. stroi i seism. 7:3-26 '60.

VALDAI HILLS—PRECIPITATION (METEOROLOGY)
Mechanism of the influence of elevations on precipitation. L. P. Kuznetsova. Trudy GGO no.111:71-76 '61.

VALERIAN see subdivision under Perm Province

VALLEYS see subdivision under Syverma Upland

VALUATION
Economic significance of the revaluation of the capital assets of U. S. S. R. industry. M. A. Vinogradova. Uch. zap. kaf. obshchestv nauk vuz. g Len.; Polit. ekon. no. 3:45-58 '61.

VALUE
Marxist ethics and the problem of value [with summary in English, p. 182]. K. I. Gulian. Vop. filos. 16 no. 1 39-53 '62.

VALVES
Automatic machinery line. Prom. energ. 15 no. 7:34 Jl '60.
Characteristics of thermostatic expansion valves. V. M. Shavra, V. B. IAkobson. Khol. tekh 38 no 6:17-24 N-D '61.
Closing valve without gland. V. I. Kulachkov. Mashinostroitel' no. 1 26 Ja '62.
Modernization of thermostatic diaphragm valves. IU. A. Grinnikov. Khol. tekh. 38 no. 3:47 My-Je '61.
Repairing temperature regulating diaphragm valves. L. I. Andrachnikov, L. G. Kaplan. Khol. tekh. 38 no. 5 63-65 S-O '61.

VALVES—MAINTENANCE AND REPAIR
Rebuilding the body of the stuffing box of a valve for ammonia pipe. V. E. Gavrilov. Khol. tekh. 38 no. 4. 58 Jl-Ag '61.

VALVES—TESTING
Testing thermostatic expansion valve under factory conditions. V. M. Shavra. Khol. tekh. 38 no. 4:54-57 Jl-Ag '61.

VANADIUM—METALLURGY
Effect of granulation on the oxidinzing roasting of vanadium slag. V. V. Pechkovskii and others. Izv vys. ucheb zav., tsvet. met. 4 no. 3:88-93 '61.

VANADIUM OXIDE
β-, δ- and ξ- phases of the vanadium - oxygen system. P. V. Gel'd, S. I. Allamovskii, I. I. Matveenko. Zhur. strukt. khim. 2 no. 3:301-307 My-Je '61

VANADIUM-TITANIUM-ALUMINUM ALLOYS see Titanium-aluminum-vanadium alloys

VANILLIN
Vanillin from sulfate liquors. R. B. Epshtein and others. Bum. prom. 37 no. 1:20 Ja '62.

VAPOR CONDENSERS see Condensers (Vapors and gases)

VAPOR DENSITY
Methanol vapor density of low temperatures. L. P. Usiukin, V. M. Shleinikov. Khim. prom. no. 1:65-66 Ja '62.

VAPOR-LIQUID EQUILIBRIUM
Thermodynamic properties of melts containing iron oxides. D. M. Lapiev, V. A. Kozheurov. Izv. vys. ucheb. zav.; chern. met. 4 no. 12:8-17 '61.

VAPOR PRESSURE
Determination of the saturated vapor pressure of motor fuels in accordance with the All-Union State Standard 6668-53. V. I. Sharapov, A. M. Fomina. Khim. i tekh. topl. i masel 7 no. 1:64-65 Ja '62.
Determining the boiling points of mixtures consisting of substances considerably differing by their vapor pressure. S. K. Ogorodnikov, V. B. Kogan, A. I. Morozova. Zhur. prikl. khim. 35 no. 1:193-195 Ja '62.
Pressure and density of vapors from solutions of chlorine derivatives of silane. Part 4. K. M. Korchemskaia and others. Izv. vys. ucheb. zav.; khim. i khim. tekh. 4 no. 4:584-587 '61.
Pressure of cuprous bromide and chloride saturated vapors. P. I. Fedorov, M. N. Shakhova. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 4:550-553 '61.
Vapor pressure and dissociation pressure of molybdenite. R. A. Isakova. Izv AN Kazakh SSR Ser met., obog i ogneup no. 3 3-10 '61

VARIABLE STARS see Stars, Variable

VARIATION (BIOLOGY)
Investigating the aftereffect of X rays on the process of mutation [with summary in English] K. V Vatti Issl. po gen no 1 12-18 '61.
Rokitskii, P. F. [Principles of variation statistics for biologists] Osnovy variatsionnoi statistiki dlia biologov. Minsk, Izd-vo Belgosuniv. im. V. I. Lenina, 1961. 220 p.

VARNISH AND VARNISHING
Hot dried polyester varnish. G. L. Mishchenko, N. A. Moiseeva. Der prom. 11 no. 2 18-20 F '62

VARZOB-BOLO VALLEY—ROCKS, IGNEOUS
Correlation of the hypabyssal intrusive complex in basins of the Takob and Varzob-Bolo Rivers. I. S. Gol'dberg. Izv. Otd geol -khim i tekh nauk AN Tadzh SSR no 2: 87-95 '61.

VASHCHENKO, NATAL'IA IUR'EVNA
Heroines of Natal'ia Vashchenko. L. Sellutina. Teatr 22 no. 8:147 Ag '61.

VASILEISKII, SERAFIM MIKHAILOVICH, 1888-1961
S. M. Vasileiskii. Vop psikhol. 7 no. 5:191 S-O '61.

VASIL'EV, VIKTOR NIKOLAEVICH, 1890-
On the 70th birthday and 35th anniversary of scientific activities of Viktor Nikolaevich Vasil'ev. M. M. Il'in. Rot. zhur. 46 no. 12:1842-1846 D '61

VASIL'KOV, ALEKSEI
Portrait of Aleksei Vasil'kov. G. Bogusiavskii. Soob. Gos. Erm. no. 20:8-11 '61

VASODILATORS
Therapeutic action of erinit in stenocardia. I. N. Rybkin, N. N. Vedrova Klin. med. no. 1 40-43 '62.
Use of new coronary vessel dilating substances in the treatment of stenocardia [with summary in English]. F. S. Grigor'ev. Vrach. delo no. 12:40-43 D '61.

VASOMOTOR NERVOUS SYSTEM see Nervous system, Vasomotor

VASOV, IVAN MINCHOV, 1850-1921
Ivan Vasov and Russia. V. I. Zlydnev. Lit. slav. nar. no. 6:111-125 '61.

VAUDEVILLE
Is this a new genre? Arkadii Raikin. Isk. kino no. 12: 86-87 D '61.
Propaganda in vaudeville. A. Morceva, A. Lesin. Teatr 22 no. 8:178-179 Ag '61
Real objectives of a popular genre. IU. Dmitriev. Vop. est. no. 4:124-134 '60.

VAULTING see Pole vaulting

VAULTS
Construction of a thin-walled precast reinforced concrete vault for farm buildings in earthquake districts. A. M. Medetbekov. Trudy TSNIISK no. 6:241-250 '61.
Interrelationship of early Byzantine vaulted roofs with the late Roman. S. A. Kaufman. Viz. vrem. 20: 194-224 '61.

VECTOR ANALYSIS
Expansion in root vectors of a slightly disturbed self-adjoint operator. A. S Markus. Dokl. AN SSSR 142 no. 3 538-541 Jn '62.

VECTORCARDIOGRAPHY
Method for studying the sequence of distribution of stimuli through the heart. E. K. Luk'ianov, V. S Sal'manovich. Fiziol. zhur. 47 no. 7:826-828 Jl '61.
Vectorcardiographic studies of hypertension. M. I. Reiderman. Vrach. delo no. 12:43-47 D '61.

VEDAS
Comparison of Vedic and Tamil hymns. A. M. Piatigorskii. Krat. soob. Inst. nar. Azii no. 57 83-122 '61.
Meaning of the Veda "maya." T. IA. Elizarenkova. Krat. soob Inst. nar. Azii no 57:31-34 '61.

VEDENEEVA, ANNA ROMANOVNA, 1903-
Delegate to the 22d Congress of the CPSU. Prep. ist. v shkole 17 no. 1:55-56 Ja-F '62.

VEGETABLE GARDENING
(see also subdivision under Buryat-Mongolia)
For high standards in vegetable growing [with summaries in English, German, and French]. V. I. Edel'shtein Vest. sel'khoz. nauki 6 no. 11:27-30 N '61.

VEGETABLE HYBRIDIZATION see Hybridization, Vegetable

VEGETABLE JUICES—PHYSIOLOGICAL EFFECT
Functional changes in the gastrointestinal tract in patients with peptic ulcer of the stomach and duodenal bulb after ingestion of cabbage juice (X-ray study). P. K. Klimov. Terap. arkh. 33 no. 8:28-32 '61.

VEGETABLES
Effect of presowing treatment of seeds with trace elements on silage plants and vegetables. K. A. Moiseev, M. I. Aleksandrova. Trudy Komi fil. AN SSSR no 8:23-32 '60.

VEGETABLES—STORAGE
Useful lessons. A. Solov'ev. Tyl i snab. Sov. Voor. Sil 21 no. 10:30 O '61.

VEGETATION AND CLIMATE see subdivision under Fennoscandia

VEHICLES, MILITARY
Maslutin, M. V. [On a long trip; from the notebook of a motor transport officer] V bol'shom reise' iz zapisnoi knizhki ofitsera-avtomobilista. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 64 p.
New books. Tyl. i snab. Sov Voor. Sil 21 no. 11:95 N '61

VEHICLES, MILITARY—EQUIPMENT AND SUPPLIES
At the Exhibition of the Achievements of the National Economy. V. Alipov, V. Kovalenko. Tyl. i snab. Sov. Voor Sil 21 no. 11:76-81 N '61.

VEHICLES, MILITARY—MAINTENANCE AND REPAIR
"They work without accidents." Tyl i snab. Sov. Voor. Sil 21 no. 12:91 D '61.

VELAZQUEZ, DIEGO RODRIGUEZ DE SILVA Y, 1599-1660
"The spinners" as a result of the development of the genre style in the works of Velazquez T. P. Znamerovovskaia. Nauch. dokl. vys. shkoly; ist. nauki no. 2:164-184 '61.

VELLUM see Parchment

VENA CAVA
Late results of an operation for the ligation of a vena cava in the treatment of decompensated mitral vitium cordis. I. K. Karaev. Azerb. med. zhur. no. 7:23-29 Jl '61.
Lymphatic capillaries and vessels in the wall of the inferior vena cava in man [with summary in English]. M. R. Sapin. Arkh. anat. gist. i embr. 41 no. 9:82-87 S '61.

VENA CAVA—SURGERY
Case of resection of the inferior vena cava. P. I. Norkunas, A. M. Martsinkevichus. Vest khir. no. 1:140 '62.

VENDING MACHINES
Automat store. G. Chuliukin, K. Sovetov. Sov. torg. 35 no. 2:46-48 F '62.
Automats and people. A. Karavaev. Sov. torg. 35 no. 1: 10-14 Ja '62.
Vending machines. L. Ronin. Sov. torg. 35 no. 2:48-51 F '62.

VENEERS AND VENEERING
(see also subdivision under Canada; United States)
Automatic sorting and distributing of veneering sheets (from "Wood and Wood Products," August, 1961). Der. prom. 11 no. 2. 31 F '62.
Conference of the representatives of the Design and Design and Technology Bureaus of the veneer industry enterprises. Der prom. 11 no. 2:28 F '62.
Factors influencing the carbide glue permeation in veneering. R. Z. Temkina. Der. prom. 11 no. 1:11-14 Ja '62.
Veneering of subassemblies with bichromate impregnated beech veneer. M. F. Lubman. Der. prom. 11 no. 1:19 Ja '62.
What causes the splitting of particle boards in case of their veneering in hot presses. V. M. TSukhlo. Der. prom. 11 no. 2:17 F '62.

VENEREOLOGY—PERIODICALS
Results of the readers' conference organized by the Gorkiy Dermatovenereological Society on April 13, 1961 for discussing the materials published in the journal, "Vestnik dermatologii i venerologii" in 1960. M. N. Batunin, B. I. Il'in. Vest. derm. i ven. 35 no. 12:77-81 D '61.

VENEZUELA—POLITICS AND GOVERNMENT
Venezuelan blind alley. P. Shibilin. Nov. vrem. 20 no 9:11-13 F '62.

VENICE—MOTION-PICTURE FESTIVALS
Venice, 1961. L. Arnshtam. Isk. kino no. 12:112-119 D '61.

VENOM—PHYSIOLOGICAL EFFECT
Effect of the secretion from frog skin glands on tissue permeability to vital stains in experimental acute radiation effects [with summary in English] E. G. Dolgov. Biul. eksp. biol. i med. 52 no. 10:47-50 O '61.

VENTILATION
Calculations for a constant dimension intake air distributor with transverse apertures. V. N. Taliev. Sbor. trud. NIIST no. 7. 160-165 '61.
Choosing the monitor ventilation panels which will supply the greatest distribution of air in a building V. N Taliev. Sbor. trud. NIIST no 7 142-144 '61
Effect of the width of a building on the value of the coefficient of local resistance of monitor ventilation panels. V. N. Taliev. Sbor. trud. NIIST no 7-145-149 '61
Inspection of operating monitor ventilation panels. A I. Shchutskii. Sbor. trud. NIIST no. 7-150-159 '61

VENUS (PLANET)
Radiolocation of Venus. V. Kotel'nikov, I. Shklovskii. Kush. i zhizn' 5 no. 8:4-6 '61

VERKHNECHESKIY DISTRICT—HEMP
School of communism. S. IAkovlev. Nar. khoz. Uzb. 4 no. 1:77-80 Ja '62.

VERKHOYANSK RANGE REGION—ROCKS, IGNEOUS
Recent data on the age of eruptive rocks in the western part of the Verkhoyansk-Kolyma folded region N I. Nenashev. Dokl. AN SSSR 142 no. 3 657-660 Ja '62.

VERMICULITE
Effect of roasting on the ion-exchange capacity of vermiculite. V. F. Bagretsov and others. Zhur. prikl. khim. 34 no. 11:2558-2560 N '61.

VERMIFUGES see Anthelmintics

VERNADSKII, VLADIMIR IVANOVICH, 1863-1945
Academician Vernadskii (to be continued). Vladimir L'vov. Neva no. 6:160-167 '61.
Academician Vernadskii (conclusion). Vladimir L'vov. Neva no. 7:161-166 '61.

VERNALIZATION
Two experiments on the stage development of plants. V. F. Baliuk. Biol. v shkole no. 1:63-65 Ja-F '62.

VERTEBRAE—DISEASES
Psoriasis and ankylosing spondylitis. G. Kh. Kogon. Sov. med. 25 no. 10:131-134 O '61.

VERTEBRATES
Bogdanov, O. P. [Animals of Uzbekistan (vertebrates); a textbook for high school teachers] Zhivotnye Uzbekistana (pozvonochnye); posobie dlia uchitelei srednei shkoly. Tashkent, Gos. izd-vo "Srednaia i vysshaia shkola," UzSSR, 1961. 314 p.

VERTEBRATES, FOSSIL
"The world of ancient animals" by IU. A. Orlov. Reviewed by N. M. IAnovskaia. Priroda 51 no 1:121-122 Ja '62.

VESELOVSKOYE RESERVOIR—FISHES—FOOD
Outlook for the acclimatization of some species of the Caspian fauna (as exemplified by Veselovskoye Reservoir). V. M. Kruglova. Trudy Gidrobiol. ob-va 11: 345-353 '61.

VESTIBULAR APPARATUS
Character of the development of vegetative reactions in subjects during use of angular accelerations of various magnitudes [with summary in English] IU. G. Grigor'ev. Vest. otorin. no. 6:76-81 '61.
New apparatus for adequate stimulation of the vestibular analyser with utilization of a wide range of angular accelerations and strength of the coriolis. IU. G. Grigor'ev, B. B. Bokhov. Vest. otorin. no. 6:85-87 '61.
Significance of the conditioned reflex component in the genesis of vestibular reactions, in particular nystagmus. S. P. Feldman, E. V. Fetisova. Vest. otorin. no. 6: 55-61 '61.

VETERINARY MEDICINE see subdivision under Mongolia

VETERINARY PHYSIOLOGY
Skvortsova, A. A., and I. I. Khronov. [Technique for studying blood circulation, gas and energy metabolism, and pulmonary respiration in farm animals; a practical guide] Tekhnika issledovaniia krovoobrashcheniia, gazoenergeticheskogo obmena i legochnogo dykhaniia u sel'skokhoziaistvennykh zhivotnykh; prakticheskoe rukovodstvo. Moskva, Izd-vo Akad. nauk SSSR, 1961. 82 p.
Viktorov, K. R. [Physiology of farm animals] Fiziologiia sel'skokhoziaistvennykh zhivotnykh. Pod red. E. N. Pavlovskogo. Moskva, Gos. izd-vo "Vysshaia shkola," 1960. 385 p.

VIBRATED CONCRETE see subdivision under Volgograd

VIBRATION
Experimental facts on changes in the periods of vibrations of buildings. E. I. Bakradze. Trudy TSNIISK no. 6:251-259 '61.
Using vibration for the reduction of traction resistance in machinery. A. A. Dubrovskii. Vest. AN SSSR 32 no. 1: 59-61 Ja '62.
Vibrations in a console-type cylinder in a fluid flow [with summary in English]. S. I. Devnin. Inzh.-fiz. zhur. 5 no. 2:97-100 F '62.
Vibrations in precast arches. A. M. Medetbekov. Trudy TSNIISK no. 6.119-133 '61.

VIBRATION—PHYSIOLOGICAL EFFECT
Clinical aspect of initial symptoms of vibration sickness. L. IA. Basamygina. Vrach delo no. 6 118-121 Je '61.
X-ray observations of osseous changes in the ungual phalanges of the hands in metal workers under the influence of vibration [with summary in English]. IU. G Nazarov. Vest. rent. i rad. 36 no. 5 43-48 S-O '61.

VIBRATION (MARINE ENGINEERING)
Babaev, N. N., and V. G. Lentiakov. [General vibration of ships] Nekotorye voprosy obshchei vibratsii sudov. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1961. 307 p.
Underestimating the danger of resonance from torsional vibrations in marine power plants. A. A. Khokhlov. Inform. sbor. TSNIIMF no. 47. Tekh. ekspl. mor. flota no. 3. 44-48 '60.

VIBRATORS
Overhead vibrators for the unloading of gondola cars S. A. Drugal'. Zhel. dor. transp. 43 no. 12 87-89 D '61.

VIDZEME UPLAND—GUIDEBOOKS
Vetra, K. [The Vidzeme Upland] Vidzemskaia vozvyshennost', Riga, Latviiskoe gos. izd-vo, 1957. 149 p.

VIETNAM—ETHNOLOGY
"National minorities of Vietnam" [in Vietnamese]. Reviewed by A. Mukhlinov. Sov. etn no 5 193-201 S-O '61.

VIETNAM—WORLD WAR, 1939-1945
Aggressive policy of the imperialist powers in Vietnam, 1941-1946. G. G. Kadymov. Krat. soob Inst nar. Azii no 45.71-82 '61

VIETNAM, NORTH—COST AND STANDARD OF LIVING
Improving workers' living standards in the Democratic Republic of Vietnam. V. Filippova. Biul. nauch. inform. trud i zar. plata 4 no. 12:59-61 '61.

VIETNAM, NORTH—DESCRIPTION AND TRAVEL
With German Titov in Vietnam. S. Borzenko. Nov. vrem. 20 no. 9:30-31 F '62.

VIETNAM, NORTH—ELECTRIC POWER
Power engineering in the Democratic Republic of Vietnam. Chan Dang Khoa [Ch'ang Tang Houe]. V. I. Frangulian, IU. P. Valiavskii. Elek. sta. 32 no. 12:56-59 D '61.

VIETNAM, NORTH—FOREIGN ECONOMIC RELATIONS
Foreign economic ties of the Vietnam Democratic Republic, 1945-1960. I. M. Shchedrov. Krat. soob. Inst. nar. Azii no. 59:69-84 '61.

VIETNAM, NORTH—MOTION-PICTURE PLAYS
Under one blue sky... I. Vaisfel'd. Isk. kino no. 7:132-134 Jl '61.

VIETNAM, NORTH—RECONSTRUCTION
Reconstruction of the economy of the Vietnam Democratic Republic, 1955-1957. A. G. Maznev. Krat. soob. Inst. nar. Azii no. 59.58-68 '61.

VIETNAM, SOUTH—POLITICS AND GOVERNMENT
How the U.S.A. and the Ngo-dinh-Diem forces ruined the execution of the Geneva agreement of 1954. Mezhdunar. zhizn' 9 no. 2:144-146 F '62.

VIGDOROVA, F.
"Family happiness" by F. Vigdorova. V. Starikova. Oktiabr' 38 no. 8:21[illegible]

VINNITSA ECONOMIC REGION—SUG
WORKERS—DISEASES AND HYGI
Illness with a temporary loss of wo
workers of sugar plants in the Vi
gion. L. G. Lekarev, F. S. Riukho
no. 8:53-58 '61.

VINNITSA PROVINCE—JUVENILE D
How our public exerts its influence
quents. V. Kaveshnykov. Rad pr
Jl-Ag '61.

VINNITSA PROVINCE—PUBLIC PRO
How public prosecutors supervise t
laws by collective farms. D. Skry
no. 4:75-77 Jl-Ag '61.

VINNITSA PROVINCE—TEACHERS,
Improving teachers' training in lon
I. G. Fomenko. Rad. shk. 40 no.

VINYL COMPOUND POLYMERS—EI
ERTIES
Effect of gamma-radiation on the di
vinyl plastic. V. M. Nesterov, V.
ucheb. zav.; fiz. no. 6:141-144 '6

VIRGIN TERRITORY—AGRICULTUR
Something new in the Virgin Territo
Oktiabr' 38 no. 7:171-177 Jl '61

VIRGIN TERRITORY—ECONOMIC GEOGRAPHY
The Virgin Territory and prospects for its development. A. A. Karsten. Geog. v shkole 25 no. 1:10-18 Ja-F '62.

VIRGIN TERRITORY—LIBRARIES
Virgin lands call. A. Alekseeva and others. Bibliotekar' no 1 15-18 Ja '62.

VIRGIN TERRITORY—PUBLIC HEALTH
Public health in the Virgin Territory. V. M. Manavetashvili, M. M. Chumak. Sov zdrav. 20 no 7 6-12 '61

VIRGIN TERRITORY—STATE FARMS
Seventh spring in the virgin lands. Evdokiia Zaichukova. Oktiabr' 38 no. 8.159-167 Ag '61

VIRGIN TERRITORY—THEATER
Two kinds of bread in the virgin lands; a sketch. V. Sechin. Teatr 22 no. 8:47-53 Ag '61.

VIRGIN TERRITORY—WINDBREAKS, SHELTERBELTS, ETC.
Reliable shelterbelts for the Virgin Territory fields. L. N. Gribanov. Les. khoz. 14 no 12:4-5 D '61.

VIROLOGY
On the eve of the 22nd Congress of the CPSU. Vop. virus 6 no 5 515-516 S-O '61.

VIRUS DISEASES
Cytomegaly. L. S. Levenbuk. Vop virus. 6 no. 5:517-520 S-O '61.

VIRUS DISEASES—CONGRESSES
International congress on virus and rickettsial diseases of the respiratory passages. O. P. Peterson. Vop virus 6 no 5:636-637 S-O '61.

VIRUSES
Adsorption principles of preparative isolation of viruses with the aid of nonpolar solvents [with summary in English] I. G Atabekov. Vop virus. 6 no. 5:580-587 S-O '61.
Autoradiographic study of the penetration of Sendai virus into the cells of tissue culture. Report No. 1: Production of radioactive isotope-labelled prepartions of Sendai virus [with summary in English]. V. M. Zhdanov, A. G. Bukrinskaia. Vop. virus. 6 no. 5:542-546 S-O '61.
Autoradiographic study of the penetration of Sendai virus into the cells of tissue culture. Report No. 2. Use of virus preparations labelled with P^{32} [with summary in English]. A. G. Bukrinskaia, V. M. Zhdanov, G. P. Ramenskaia Vop virus. 6 no. 5 547-552 S-O '61.
Culture properties of ECHO virus 28, the pathogen of diseases resembling influenza. L. IA. Zakstel'skaia, Fang I-lang, S. F. Shenderovich. Vop. virus. 6 no. 5: 623-625 S-O '61.
Group of new virus strains the so-called R virus [with summary in English]. R. S. Dretzin and others. Vop. virus. 6 no. 5:521-532 S-O '61.
Isolation of polyoma virus from mouse mammary gland cancer [with summary in English]. F. I. Leikina, Z. I. Merekalova. Vop. onk. 7 no. 12:8-13 '61.
Leukemia-producing agent isolated from tissues of C57 Bl mice using ionizing radiations. A. L. Ageenko. Probl. gemat. i perel. krovi no. 2:8-13 '62.
New method of detecting a masked and latent virus in tissue cultures. Khou IUn'-de [Hou Yün-te] F. I. Ershov. Vop. virus. 6 no. 5:[illegible]
Reactions of the cel[illegible]

VISCOSIMETER

Viscosimeter for determining fiber grinding in paper pulp. A. S. Gavrilov. Bum. prom. 36 no 11:26-27 N '61.

VISCOSIMETRY

Investigating the viscosity of melts in the system K_2TiF_6 - NaCl - TiO_2. IU M. Putilin, V.D. Ponomarev, A I. Milov Izv. AN Kazakh SSR Ser met , obog i ogneup. no 3 66-78 '61.

VISCOSITY

Graphical method of determining the viscosity of binary and ternary oil mixtures L. S Segal' Khim i tekh topl i masel 6 no 12 50-53 D '61.

Investigation of systems with a true viscosity according to the method of tangential displacement of a lamina. N. G. Koltashev. Trudy Perm. farm. inst. no. 1: 162-167 '59.

Tangentially displaced lamina as an instrument for determining relaxation and viscosity in an unsteady flow. N. G. Koltashev Trudy Perm farm. inst. no 1: 168-174 '59.

Temperature dependence of the viscosity of n-alcohols. M. Kh. Karapet'iants, IAn' Go-sen' (Yen Kuo-sên). Izv. vys. ucheb. zav. ;khim. i khim. tekh. 4 no. 4.580-583 '61.

VISIBILITY

Visibility of volumetric components under different lighting conditions. N N. Gurevich, A S Shaikevich Svetotekhnika 6 no 2:10-17 F '62

VISION

Letter received by the editor of "Svetotekhnika." N. V. Gorbachev and others Svetotekhnika 6 no 1 30 Ja 62

Local changes in electroencephalograms in man in the presence of successive optic images [with summary in English]. L. M. Puchinskaia Biul eksp biol i med 52 no 10 3-8 O '61.

Status and problems of research in the hygiene of vision. A. V. Roslavtsev. Biul. Ucn med. sov. 2 no 6 8-12 N-D '61.

VITAMIN THERAPY

Effect of vitamins on the course of injuries caused by ionizing radiations. M. F. Nesterin. Med. rad. no. 7: 83-86 '61.

Treatment of gynecological sepsis by intraarterial administration of penicillin with blood and vitamins. N. P. Kalashnikova. Akush. i gin no 5 95-97 '61

Vitaminology and some problems of vitamin therapy. R. V. Chagovets Vrach delo no 6:3-8 Je '61

VITAMINS

Adequacy of vitamins C, B_2, PP intake in the natives of southern Tajikistan according to data from blood and urine studies V. I. Rzhevskaia Zdrav. Tadzh 8 no. 5:7-9 S-O '61

Content of principal water-soluble vitamins and carotene in fresh and preserved donor's blood IA. B. Maksimovich and others Probl gemat. i perel. krovi no 2: 40-42 '62.

Gingerbread with vitamins B_1, B_2 and PP. A. G. Egorova and others. Khleb. i kond. prom. 5 no. 12.33-36 D '61

VITAMINS—A

Activity of nonspecific antihyaluronidase of blood serum in rats with vitamin A deficiency and excess N B Lutsiuk, IA. I Dumanskii Vrach. delo no. 6.97-98 Je '61.

Treatment of patients with psoriasis with vitamin A and irradiation with a mercury-quartz lamp [with summary in English]. I. N. Vedrova Sov. med. 25 no 8:111-113 Ag '61.

Vitamin A and carotene content of blood in nephropathies in children [with summary in English]. E. I. Fridman, E. A. Ivanova, E. A. Lakotkina. Vop. okh. mat. i det 6 no. 8:11-15 Ag '61.

Vitamin A and carotene content in some products produced in southern Tajikistan. M. K. Abdurakhmanov. Zdrav. Tadzh. 8 no. 6:52-54 N-D '61.

VITAMINS—B_1 see Thiamine

VITAMINS—B_2 see Riboflavin

VITAMINS—B_6 see Pyridoxine

VITAMINS—B_{12} see Cyanocobalamine

VITAMINS—C see Ascorbic acid

VITAMINS—G see Riboflavin

VITEBSK—OIL INDUSTRIES—EQUIPMENT AND SUPPLIES

Processing expeller flaxseed cake brought to the Vitebsk Oil Mill from Bobruysk. Z. I. Tkacheva, Z K. Nazaruk, L. A. Sokolova Masl.-zhir. prom. 27 no. 11:39-40 N '61.

VITEBSK—RUG AND CARPET INDUSTRY

Petrov, D. I. [Let us work the communist way] Rabotaem po-kommunisticheski. Minsk, Gos. izd-vo BSSR, Red. proizvodstvennoi lit-ry, 1961. 38 p.

VITEBSK PROVINCE—STATE FARMS

On the Western Dvina. M. Dosin. Belarus' 19 no. 1: 25-26 Ja '62.

VITICULTURE

(see also subdivision under Crimea)

Certain problems concerning the mechanization of work in orcharding and viniculture N. F. Moiseev. Trakt. i sel'khozmash. 31 no.12:11-15 D '61.

Machinery for orchards and vineyards. E. A. Klimova. Trakt. i sel'khozmash. 31 no.12:26-27 D '61.

VITICULTURE—HANDBOOKS, MANUALS, ETC.

Tarasenko, M. P., B. I. Shik, and P. M. Dobrovol'skii. [Advice to fruit and grape growers] Sovety sadovodam i vinogradariam. Izd. 3. Kiev, Gos. izd-vo sel'khoz. lit-ry USSR, 1960. 249 p.

VITREOUS STATE

Vitreous state nitrates. P. I. Protsenko. Uch. zap. RGU 41 155-160 '58.

VIV'EN, LEONID SERGEEVICH, 1887-

Leonid Viv'en. S. TSimbal. Teatr 23 no. 1:61-63 Ja '62.

VLADIGEROV, PANCHO, 1899-

Guests from Bulgaria. G. IUdin, Georgii Poliakovskii, Sov muz. 25 no. 8:91-92 Ag '61.

VLADIMIR PROVINCE—CITIES AND TOWNS, RUINED, EXTINCT, ETC.

Archaeological excavations in the area of the former Vladimir and Smolensk Principalities in 1959 V. V Sedov. Krat soob. Inst. arkheol. no. 86:73-77 '61.

VLADIMIR PROVINCE—COLLECTIVE FARMS

Analyzing the utilization of capital assets on collective farms. N. Khmelevskii. Plan. khoz. 39 no. 2:76-82 F '62.

VLADIMIRSKII-BUDANOV, MIKHAIL FLEGONTOVICH, 1838-1916

M. F. Vladimirskii-Budanov as the historian of the Russian state. B. E. Babitskii. Izv. vys. uchob zav. ;prav. 5 no. 2:86-97 '61.

VOCAL CORDS—DISEASES

Laryngostroboscopic observations on vocal students [with summary in English]. B. I Dunaivitser. Zhur. ush., nos. i gorl bol. 21 no. 5:50-56 S-O '61.

VOCATION

Life gives you the "green light..." V. Voevodskii. IUn. tekh. 5 no. 7:6-8 Jl '61.

VOCATIONAL EDUCATION

(see also subdivision under Azerbaijan; Ust'-Kamenogorsk)

Decisions of the 22d Congress of the CPSU are the basis for the work of schools Prof. -tekh obr 19 no 1 1-2 Ja '62

General secondary school as a production training group. O. M. IAs'ko, T. O. Bachyns'ka. Rad. shk. 40 no. 1:38-40 Ja '62.

Important tasks of scientific institutes. A. Korobko. Prof. -tekh. obr. 19 no. 1 5-6 Ja '62.

In a state committee. Prof. -tekh. obr. 19 no. 1:6 Ja '62.

News from schools. A. Chikin, I. Ermolaev, L. Bessmertnyi. Prof. -tekh. obr. 19 no. 1:32, 3 of cover Ja '62.

Role of vocational and technical education in eliminating the significant difference between intellectual and physical work. O. A. Vladimirskaia. Uch. zap. knf. obshchestv. nauk vuz. g. Len. ; Polit. ekon. no. 3:109-127 '61.

VOCATIONAL EDUCATION—CONGRESSES

International seminar in Geneva. V. I. Rogova. Prof. -tekh. obr. 19 no. 1:30-31 Ja '62.

VOCATIONAL EDUCATION—EXHIBITIONS

Exhibition of methods. S. Frenkel'. Prof. -tekh. obr. 19 no 1 23 Ja '62.

VOCATIONAL EDUCATION—PSYCHOLOGICAL ASPECTS

Seminar on the psychology of labor and industrial training. Vop. psikhol. 7 no. 6:184-186 N-D '61.

VOCATIONAL GUIDANCE

Libraries help one choose a profession. A. Nikitina. Bibliotekar' no. 2:31-32 F '62.

VOEIKOV, ALEKSANDR IVANOVICH, 1842-1916

A. I. Voeikov at the 9th Congress of Naturalists and Physicians. Z. M. Makhover. Izv. Vses. geog. ob-va 93 no. 6:541-543 N-D '61.

VOET, JAKOB FERDINAND, 1639-1700

"Portrait of a court lady" by Jakob Ferdinand Voet. B. Gerts. Soob. Gos. Erm. no. 20:30-32 '61.

VOKHCHI VALLEY—LANDSLIDES

Mud flow phenomena in the Vokhchi River Basin (Armenian S. S. R.). I. I. Mechitov. Izv. Vses. geog. ob-va 93 no. 6:522-527 N-D '61.

VOLCANIC ASH, TUFF, ETC. see subdivision under Armenia

VOLCANOES see subdivision under Crimea; Tuva A. S. S. R.

VOL'DINO REGION—ANTIQUITIES

Ancient sites near the village of Vol'dino and the early metal epoch in the Vychegda Valley. G. M. Burov. Trudy Komi fil. AN SSSR no 9:96-117 '60.

VOLGA-DON CANAL—FRESH-WATER FLORA

Distribution of hydrophytes in reservoirs of the Volga-Don Canal and their sanitary and epidemiological evaluation A A. Potapov Trudy Gidrobiol. ob-va 11:354-360 '61

VOLGA-DON CANAL—NAVIGATION

Named after Vladimir Il'ich. A. Pozdnev. Rech. transp 20 no. 11:32-36 N '61.

VOLGA HYDROELECTRIC POWER STATION (LENIN)

Power characteristics of the ionic excitation system of a large hydrogenerator. E. A. Khagemeister. Vest. elektroprom. 31 no. 10 10-12 O '60.

VOLGA HYDROELECTRIC POWER STATION (LENIN)—HYDRAULIC TURBINES

Designing, assembling, and testing the runners of the hydraulic turbines of the Volga and Stalingrad Hydroelectric Power Station M. I. Gal'perin, A. G. Rudnik Energ. stroi. no. 20 82-89 '61.

VOLGA HYDROELECTRIC POWER STATION (LENIN)—PRECAST CONCRETE

Use of precast reinforced concrete at the Kuybyshev Hydroelectric Power Station construction project V. A Gogolitsyn. Energ. stroi no 20 44-47 '61.

VOLGA HYDROELECTRIC POWER STATION (22d CONGRESS OF THE CPSU)—HYDRAULIC TURBINES

Designing, assembling, and testing the runners of the hydraulic turbines of the Volga and Stalingrad Hydroelectric Power Station. M. I. Gal'perin, A G Rudnik Energ stroi. no. 20-82-89 '61.

VOLGA HYDROELECTRIC POWER STATION (22d CONGRESS OF THE CPSU)—PRECAST CONCRETE CONSTRUCTION

Precast reinforced concrete in the construction of the Stalingrad Hydroelectric Power Station P. A. Medvedev. Energ. stroi no 20 37-40 '61.

VOLGA RIVER—BENTHOS

Flow of the benthos in the Volga River near Kuybyshev before the regulation of its streamflow. S. M. Liakhov. Trudy Gidrobiol. ob-va 11:150-161 '61.

VOLGA RIVER—NAVIGATION

Captain Andrei Belodvorteev. Rech. transp. 20 no. 11: 14-16 N '61

VOLGA RIVER—SHIPS—TECHNOLOGICAL INNOVATIONS

Technical improvements made on the initiative of the crew. G. Khokhlov. Rech. transp. 20 no. 11:12-13 N '61.

VOLGA-URAL REGION—GAS, NATURAL—GEOLOGY

Some regularities in the formation of large oil and gas fields in southern areas of the Volga-Ural oil-bearing region. S. P. Maksimov. Geol. nefti i gaza 6 no. 1:8-18 Ja '62.

VOLGA-URAL REGION—PETROLEUM GEOLOGY

Some regularities in the formation of large oil and gas fields in southern areas of the Volga-Ural oil-bearing region. S. P. Maksimov. Geol. nefti i gaza 6 no. 1:8-18 Ja '62.

VOLGA VALLEY—AGRICULTURE

Farming system in the Volga region [with summaries in French, German, and English]. A. Malin. Vest. sel'khoz. nauki 6 no. 11:10-16 N '61.

VOLGA VALLEY—BRONZE AGE

The Abashev Culture in the Volga Valley. P. P. Efimenko, P. N. Trat'iakov. Mat. i issl. po arkheol. no. 97:43-110 '61.

Burial customs of the Abashev Culture. O. N. Evtiukhova. Mat. i issl. po arkheol. no. 97:27-42 '61.

Mariiskaia arkheologicheskaia ekspeditsiia. [Transactions of the Mari Archeological Expedition] Trudy. Ioshkar-Ola.

Vol. 1. Khalikov, A. Kh. [Materials on the study of the history of the population in the middle Volga Valley and the lower Kama Valley during the Neolithic period and the Bronze Age] Materialy k izucheniiu istorii naseleniia Srednego Povolzh'ia i Nizhnego Prikam'ia v epokhu neolita i bronzy. 1960. 188 p.

On the history of studying the Abashev Culture. O. N. Evtiukhin. Mat. i issl. po arkheol. no. 97:5-14 '61.

On the problem of the formation of the Abashev Culture. A. P. Smirnov. Mat. i issl. po arkheol. no. 97:15-26 '61.

VOLGA VALLEY—BURIAL

Burial customs of the Abashev Culture. O. N. Evtiukhova Mat. i issl. po arkheol. no. 97:27-42 '61.

VOLGA VALLEY—ELECTRIFICATION

Important problems of the economic efficiency of capital investments in electrification. G. Matlin Vop. ekon no. 2:13-20 F '62.

VOLGA VALLEY—GEOLOGY, STRATIGRAPHIC

Conference on the formation of local structures and the tectonic pattern of the lower Volga Valley A. TSygankov. Geol. nefti i gaza 6 no. 1:60-61 Ja '62

VOLGA VALLEY—HYDROLOGY

Kuznik, I. A. [Defining more precisely the parameters of simplified formulas of the State All-Union Scientific Research Institute for Roads for determining maximum discharges from storm and mixed runoff in the Volga Valley] Utochnenie prarmetrov upr oshchennykh formul Soiuzdornii dlia rascheta maksimal'nykh raskhodov po livnevomu i smeshannomu stoku v Povolzh'e. Saratov, M-vo avtomobil'nogo transporta i shosseinykh dorog RSFSR, 1961. 34 p.

[MICROFILM]

VOLGA VALLEY—PHYSICAL GEOGRAPHY

Some characteristics of the division of the lower Volga Valley into physicogeographical regions. P. S. Kuznetsov. Vop. geog. no. 55:49-54 '61.

VOLGA VALLEY—RESERVOIRS

Principal results of long-range observations on the transformation of reservoir shores in the upper Volga Valley and the Moscow area. P. G. Kachugin Trudy Okean. kom. 12:109-119 '61.

VOLGA VALLEY—STONE AGE

Marliskaia arkheologicheskaia ekspeditsiia. [Transactions of the Mari Archeological Expedition] Trudy. Ioshkar-Ola.

Vol. 1. Khalikov, A. Kh. [Materials on the study of the history of the population in the middle Volga Valley and the lower Kama Valley during the Neolithic period and the Bronze Age] Materialy k izucheniiu istorii naseleniia Srednego Povolzh'ia i Nizhnego Prikam'ia v epokhu neolita i bronzy. 1960. 186 p.

VOLGIN, VIACHESLAV PETROVICH, 1879-

Scholar and revolutionary. A. Z. Manfred. Kul't. i zhizn' 5 no. 8:46-47 '61.

VOLGOGRAD—COMMUNIST YOUTH LEAGUE

On the true course. V. Zhuravlev. Komsom. zhizn' no 13:11-14 Jl '61.

VOLGOGRAD—FACTORIES

Improvement of working methods and conditions in factories. F. Lugovskoi. Mest. prom. i khud. promys. 2 no. 7:5 Jl '01.

VOLGOGRAD—MUNICIPAL SERVICES

A city famous the world over. K. Cherednichenko. Zhil.-kom. khoz. 11 no. 10:6-7 O '61.

VOLGOGRAD—RETAIL TRADE

New stores in Volgograd. A. Petrov. Sov. torg. 35 no. 1 55-57 Ja '62.

VOLGOGRAD—TRACTOR INDUSTRY

The collective works as Communists should. V. A. Savenko Mashinostroitel' no. 1:8 Ja '02.

VOLGOGRAD—VIBRATED CONCRETE

Package manufacture of articles with immediate removal from forms. B. Rubin. Stroitel' no. 11:25-26, 3 of cover N '61.

VOLGOGRAD PROVINCE—AGRICULTURE

Volgograd farmers are raising agricultural standards. E. K. Topilin. Zemledelie 23 no. 12:7-10 D '61.

VOLGOGRAD PROVINCE—DRILLING FLUIDS

Eliminating absorption zones in gassers. I. IA. Kapustin. Neft khoz. 39 no 9.60-61 S '61.

VOLGOGRAD PROVINCE—ECONOMIC CONDITIONS

The inhabitants of Stalingrad report: Obligations fulfilled ahead of time. A. Novstruev and others. Mol. komm. no. 10 54-70 O '61.

VOLGOGRAD RESERVOIR—SHORE PROTECTION

Predicting shore changes of Stalingrad Reservoir in areas of the Khvalynian terrace. M. P. Samokhvalova. Trudy Lab. gidrogeol. probl. 35:46-71 '61.

Selecting observation points in areas of shore changes of Stalingrad Reservoir from the point of view of engineering geology. M. P. Samokhvalova. Trudy Lab gidrogeol probl. 35 72-78 '61.

VOLHYNIA—ANTIQUITIES

Find of the early Bronze Age in Volhynia. K. Berniakovich. Soob. Gos. Erm. no. 20:46-48 '61.

VOLKOV, K. V., d. 1938

"K. V. Volkov, rural surgeon" by A. M. Aminev. Reviewed by B. D. Petrov. Sov. med 25 no. 9:154 S '61

VOLKOVYSK—CEMENT INDUSTRIES

"Bread" of the construction industry. Mikola Hrytsan. Belarus' 10 no 1:6-7 Ja '62.

VOLKOVYSK DISTRICT—STATE FARMS

Ivashchanka, A. [A "university of culture" on a state farm] Universitet kul'tury u sauhase. Minsk, Dziarzh. vyd-va BSSR Red. masava-palitychnai lit-ry, 1961. 16 p.

VOLOGDA—WOODWORKING MACHINERY

Our creative designs. N Shvai'boim. NTO 3 no. 12 39 D '61

VOLOGDA PROVINCE—FOLKLORE

"Songs, fairy tales, sayings, proverbs and riddles collected by N. A. Ivanitskii in Vologda Province " Reviewed by S. Mints. Sov. etn. no 5 177-179 S-O '61.

VOLOGDA PROVINCE—MUNICIPAL SERVICES

We are improving the public areas and services of our villages K Gribova. Zhil.-kom. khoz 11 no. 10 31 O '61.

VOLOGDA PROVINCE—PENSIONS

Should this work be continued? A. Lapin. Den. i kred. 20 no. 1:69-70 Ja '62

VOLTAGE REGULATORS

Analysis of the parallel operation of voltage regulating systems with reactive current feedback. IU. N. Novikov Trudy CHIMESKII no. 12 169-176 '61

Design of precision-type d. c. stabilizers according to the given monotonous transient characteristics [with summary in English]. V. M. Pustyl'nikov. Avtom. i telem 23 no. 1:106-115 Ja '62

Increase in the stability of an electromagnetic voltage regulator. S. T. Ivanov. Elek sta. 32 no. 12:68 D '61.

Voltage stabilizer. A. P. Vaniukov, A. G. Gonokhov. Elek i tepl. tiaga 5 no. 12:16-17 D '61.

VOLTAMETER

Transistorized phase-sensitive phase and voltameter for measurements in secondary networks. I. A. Kuznetsov. Elek. sta. 32 no. 12:66-68 D '61.

VOLYN'-PODOLIAN UPLAND—GEOLOGY, STRATIGRAPHIC

Correlation of Pre-Ordovician strata on Volyn' and Podolia K. E. IAkobson. Dokl. AN SSSR 142 no. 3 663-666 Ja '62

VOLZHSKIY—CITY PLANNING

There is a new city on the map - Volzhskiy. Zhil.-kom. khoz. 11 no 10:18-19 O '61.

VOMITING

Uncontrolled vomiting in nephritis in a patient with a horseshoe-shaped kidney. P. S. Bazhenov. Vest. khir. no. 6:114 '61.

VORKUTA—MINE INSPECTION

Active voluntary inspection workers. A. Kh. Moskalev. Bezop. truda v prom. 5 no 12 30-31 D '61.

VORKUTA—SCHOOLHOUSES

Building a kindergarten on Vorkuta. T. Dubrovskaia. Doshk. vosp. 35 no. 1:22-23 Ja '62.

VOROB'EV, BORIS IAKOVLEVICH, 1911-

B. Vorob'ev as a sculptor of animals. N. Voronov. Iskusstvo 24 no. 12:30-32 '61.

VORONETS, PETR VASIL'EVICH, 1871-1923

Petr Vasil'evich Voronets, one of the founders of nonholonomic mechanics. B. N Fradlin. Trudy inst. ist. est. i tekh. 43:422-469 '61.

VORONEZH—BUILDING—CONTRACTS AND SPECIFICATIONS

Technical specification is not a trifle. V. Ushakov. NTO 3 no. 12:54 D '61.

VORONEZH—COMMUNIST YOUTH LEAGUE

A city strides into the future. M. Shishliannikov. Komsom. zhizn' no. 13:8-10 Jl '61.

VORONEZH—FIRE EXTINCTION—SOCIETIES, ETC.

They passed the test. I. Ivanov. Pozh. delo 8 no. 1:7 Ja '62.

VORONEZH—MUNICIPAL ENGINEERING—EQUIPMENT AND SUPPLIES

On the path of technical progress. A. A. Kashchenko. Zhil.-kom. khoz. 11 no. 10:21-22 O '61.

VORONEZH—RUSSIAN NEWSPAPERS

Sevast'ianova, T. M. [First Bolshevik newspapers in Voronezh] Pervye bol'shevistskie gazety v Voronezhe. [Voronezh] Voronezhskoe knizhnoe izd-vo, 1959. 89 p.

VORONEZH—TIRES, RUBBER

Two-sided system of conveying heat carriers to the compression mold housing in the vulcanization of tire casings in the "Bol'shevik" autoclave E M. Aristov. Kauch i rez 21 no 1:50-51 Ja '62

VORONEZH PROVINCE—BANKS AND BANKING—STATISTICS

Measures for improving statistical reports. K. Sviridov. Den. i kred 20 no 1:65-66 Ja '62.

VORONEZH PROVINCE—FORESTS AND FORESTRY

Solar activity and its influence on the growth of trees and the state of forest stands in the central forest steppe of the Russian Plain S. I. Kostin. Trudy GGO no 111 108-117 '61.

VORONEZH PROVINCE—PINE

Experience in selective improvement cuttings in pine forests of the Experimental Forest Station of the Voronezh Forestry and Lumbering Institute. P. N. Ushatin. Nauch. zap. VLTI 17 20-22 '60

Features of the growth and productivity of pine plantations on sands with low humus content in Voronezh Province. I. M. Naumenko. Nauch. zap. VLTI 17 32-10 '60.

Regeneration of pine forests and afforestation of sands in Voronezh Province from 1917 to 1958. S. A. Maslennikov. Nauch. zap. VLTI 17:41-43 '60.

VORONEZH PROVINCE—PINE—DISEASES AND PESTS

Pine diseases and their control in pine forests of Voronezh Province. I. IA. Shemiakin. Nauch. zap. VLTI 17:72-76 '60.

Pine forest pests in Voronezh Province. P. A. Pelozhentsev. Nauch. zap. VLTI 17.63-71 '60.

VORONEZH PROVINCE—REFORESTATION

Reforestation work in the Khrenovoye Forest Working Circle during the past 12 years (1947-1958). D. G. Dynin. Nauch. zap. VLTI 17 44-53 '60.

VORONEZH PROVINCE—STOCK AND STOCKBREEDING

Methodology for calculating the production of feeds and livestock products for the future A. Glazun. Plan. khoz. 39 no. 2:70-76 F '62.

VOROSHILOVGRAD PROVINCE see Lugansk Province

VOROSHILOVSK—COKE INDUSTRY

With eyes to the future. Koks i khim. no. 10:66 O '61.

VOSKRESENSK—NEWSPAPER AND PERIODICAL CIRCULATION

Workers of Voskresensk keep their word N. Vaks. Raspr. pech. no. 6:3-5 Je '61.

VOSKRESENSKII, M.

Something new in the programs of pianists. D. B. Sov. muz. 26 no 1 100 Ja '62.

VSEVOLOZHSKIY DISTRICT—CRIME PREVENTION

General approval. G. Limonov. Sots. zakon. 30 no. 1: 77 Ja '62.

VULCANIZATION

Effect of fillers on the structure and mechanical properties of viton A vulcanizates. A. S. Novikov, F. S. Tolstukhina, G. V. Chernov. Kauch. i rez. 20 no. 12:30-35 D '61.

Effect of some factors on the service life of individual curing chambers (curing bags). I. A. Belen'kii. Kauch. i rez. 20 no. 11:48-55 N '61.

γ-Ray vulcanization of methylvinyl siloxane rubber with a low content of vinyl groups. S. V. Averianov and others. Kauch. i rez. 20 no. 12:1-7 D '61.

New design of a drip pan for the vulcanization of unshaped bicycle rubber pedals. V. I. Kagan. Kauch. i rez. 20 no. 12:50-51 D '61.

Problems in the development and improvement of the hot vulcanization method of shoe manufature. L. A. Veinberg. Kozh.-obuv. prom. 3 no 11:28-29 N '61.

Properties of vulcanizates from siloxane rubber with a low content of vinyl groups. V. N. Kartsev, G. G. Karelina, N. I. Rozova. Kauch. i rez. 20 no. 12:7-11 D '61.

Rapid sulfite micromethod for determining the degree of latex film vulcanization. E. S. Khoroshais and others. Kauch. i rez. 20 no. 12:40-42 D '61

Using the BTMA accelerator for the vulcanization of cable rubbers. L. S. Lakhman, M. S. Fel'dshtein, I. I. Eitington. Kauch. i rez. 21 no. 1:7-11 Ja '62.

Vulcanization of copolymers of cyclic dimethyl and diethyl siloxanes. S. N. Borisov, A. V. Kerlin, L. A. Malysheva. Kauch. i rez. 20 no. 11:4-8 N '61.

VULCANIZATION—EQUIPMENT AND SUPPLIES

Two-sided system of conveying heat carriers to the compression mold housing in the vulcanization of tire casings in the "Bol'shevik" autoclave. E. M. Aristov. Kauch. i rez. 21 no. 1:50-51 Ja '62

VUL'F, DAVID PETROVICH, 1898-1961

David Petrovich Vul'f. Zhur. ush., nos. i gorl. bol. 21 no. 4:91 Jl-Ag '61.

VYSHINSKII, ANDREI IANUAR'EVICH, 1883-1954

We shouldn't forget the veterans of Soviet justice. S. Koblents. Sots. zakon. 39 no 1 51 Ja '62

VYSOTSKII, GEORGII NIKOLAEVICH, 1865-1940

In memory of G. N. Vysotskii. F. I. Shchepot'ev. Les. khoz 14 no. 12:84 D '61

WAGE PAYMENT SYSTEMS

"Group wage system based on production" by M. A. Viasov. Reviewed by N. Maslova. Vop ekon. no 2: 140-142 F '62.

Manusevich, A. M. [Establishment of work norms and wages in socialist industrial enterprises] Normirovanie truda i zarabotnaia plata na sotsialisticheskikh promyshlennykh predpriiatiiakh Minsk, Gos. izd-vo BSSR. Red. sotsial'no-ekon. lit-ry, 1961. 31 p (Dlia slushatelei nachal'nykh ekonomicheskikh shkol i kruzhkov na promyshlennykh predpriiatiiakh, no. 5)

Moshenskii, M. G. [Wage forms and systems in the industry of capitalist countries] Formy i sistemy zarabotnoi platy v promyshlennosti kapitalisticheskikh stran Moskva, Izd-vo sotsial'no-ekon lit-ry, 1961. 261 p.

Sharing in accordance with labor and regulating wages in railroad transportation. A. V. Orlov Trudy MIIT no. 136:85-94 '61.

WAGES

(see also subdivision under Rumania)

Legal problems relating to the reorganization of the wage system. I. O. Snigireva Izv. vys. ucheb. zav., prav. 5 no. 4:60-74 '61.

Method of computing piecework rates in remunerating the crews of fishing boats. Ryb. khoz. 38 no. 1:88 '62.

Problem of abundance and the transition to communist distribution. I. Anchishkin. Vop. ekon. no. 1:74-86 Ja '62.

Reorganization of the wage system and the improvement of the state regulation of wages. S. S. Karinskii. Sov. gos. i pravo 32 no 1:38-49 Ja '62.

Slesarev, V. V. [Sources of the formation of the real income of U. S. S. R. workers] Iz chego skladyvaiutsia real'nye dokhody rabochikh SSSR. Pod obshchei red. L. A. Leont'eva. [Moskva] Mosk. rabochii, 1961. 47 p. (Osnovy ekonomicheskikh znanii - kazhdomu rabochemu)

Supplement to the standard list of occupations and work paid according to wage schedule established for workers in the flour, groats and feed milling industry, plants for processing hybrid and certified corn seeds, and enterprises repairing sacks, engaged in difficult and harmful work under high temperatures Biul. Gos. kom. po vop. truda i zar. platy no. 10:7-8 '61.

Transition to the shortened workday and the new wage system. A. IA. Simonovskii. Geod. i kart. no. 11: 50-54 N '61.

WAGES—CHEMICAL INDUSTRIES

(see also subdivision under Gorkiy Province; Perm Province)

Organization of wages in chemical production with continuous apparatus process. V. Dol'nik. Biul. nauch. inform.: trud i zar. plata 4 no. 9 42-47 '61.

WAGES—CONSTRUCTION INDUSTRY

Instructions on the order for paying bonuses to workers in planning and engineering organizations. Biul. Gos. kom. po vop. truda i zar. platy no. 10:8-17 '61.

Organization and payment of wages in mixed brigades. S. Mitin. Ekon. stroi. no. 12 31-36 D '61.

Supplement to the list of occupations of managerial, engineering and technical personnel entitled to bonuses in construction and assembly work on capital repairs. Biul. Gos. kom. po vop. truda i zar. platy no. 10:19 '61.

/AGES—FARM MECHANIZATION

Standard regulations on bonuses to managerial, engineering and technical personnel of enterprises and organizations belonging to the All-Union Association of the Council of Ministers "Soiuzsel'khoztekhnika." Biul. Gos. kom. po vop. truda i zar. platy no. 11:12-15 '61.

WAGES—FOOD INDUSTRY

Supplement to the standard list of occupations and work paid according to the wage schedule established for food industry workers, engaged in difficult and harmful work under high temperatures. Biul. Gos. kom. po vop. truda i zar. platy no. 10:5-6 '61.

WAGES—GEOLOGISTS

Supplement to the list of occupations of managerial, engineering and technical personnel entitled to bonuses in geological organizations. Biul. Gos. kom. po vop. truda i zar. platy no. 10:20 '61.

WAGES—GRAIN ELEVATORS

On the wage systems for the workers of grain elevators, grain procurement centers, and cereal products bases. Biul. Gos. kom. po vop. truda i zar. platy no. 11:3-10 '61.

WAGES—GRAIN MILLING

Supplement to the standard list of occupations and work paid according to wage schedule established for workers in the flour, groats and feed-milling industry, plants for processing hybrid and certified corn seeds, and enterprises repairing sacks, engaged in difficult and harmful work under high temperatures Biul. Gos. kom po vop. truda i zar. platy no 10 7-8 '61

WAGES—INLAND WATER TRANSPORTATION

Alekseev, G. E., and I. I. Volchonok. [Wages in inland water transportation for members of the crew and operational enterprises] Oplata truda na rechnom transporte rabotnikov plavaiushchego sostava i ekspluatatsionnykh predpriiatii. Moskva, Izd-vo 'Rechnoi transport,' 1961 172 p.

WAGES—IRON AND STEELWORKERS

Introducing partial amendments to the standard regulation on bonuses for managerial, engineering and technical personnel in enterprises of ferrous metallurgy Biul. Gos. kom. po vop. truda i zar. platy no 10:18 '61

WAGES—MACHINERY INDUSTRY see subdivision under Altai Territory

WAGES—PLASTICS INDUSTRY

Some results of the work of the plastics industry enterprises under the conditions of the new wage schedule. N. Safronov. Biul. nauch. inform. trud i zar. plata 4 no. 9:47-52 '61.

WAGES—TEXTILE INDUSTRY

Supplements to schedules and orders for assigning enterprises and production units of the cotton, flax, wool, silk, hemp and jute industries, and district (city) industrial combines to managerial, engineering and technical wage groups. Biul. Gos kom. po vop truda i zar. platy no. 10:4 '61.

WAGES—TRACTOR INDUSTRY see subdivision under Kharkov

WAGES—TRANSPORTATION, AUTOMOTIVE

On the wages for logging truck drivers. Biul. Gos. kom. po vop. truda i zar platy no. 11:11 '61.

Order for assigning automotive transportation units, and production administration offices (trusts), highway operations sections, and administration to managerial, engineering and technical wage groups. Biul Gos kom. po vop. truda i zar. platy no. 10:3 '61

WAGES—WHOLESALE TRADE

Supplement to the list of occupations of managerial and operational workers entitled to bonuses in state wholesale trade organizations and enterprises. Biul. Gos. kom. po vop. truda i zar. platy no. 11:18 '61.

WAGES—WOODWORKING INDUSTRY

Kulagin, I. S. [Wages for workers in the woodworking industry] Oplata truda rabotnikov derevoobrabatyvaiushchei promyshlennosti. Moskva, Goslesbumizdat, 1961. 58 p.

WAGES AND LABOR PRODUCTIVITY

Literature on production standards and wages. Khim. prom. no. 12:875 D '61.

V. I. Lenin on the improvement of wage forms and systems as a condition for the growth of labor productivity. A. S. Pogorelyi. Sbor. nauk. rab. kaf. polit. ekon. vuzov g. Khar. no. 3:143-149 '60.

Why the increase in labor productivity must outstrip the increase in wages. A. Kaznov. Nar. khoz. Uzb. 4 no. 1:83-85 Ja '62.

WALACHIA—HISTORY

The subjection of Walachia to the Osman Empire. S. F. Oreshkova. Krat. soob. Inst. nar. Azii no. 30:173-182 '61.

WALKING

Physiological and hygienic benefit of morning walks for children. V. V. Kryzhanovskaia, G. I. IAkovenko, G. M. Ryzhenko. Vrach delo no. 6:121-123 Je '61.

WALL NEWSPAPERS

Pictorial wall newspaper. A. Al'tshul'. Sov. foto 22 no. 1:40-41 Ja '62.

WALLPAPER see subdivision under Moscow

WALLPAPER—EXHIBITIONS

There are 1800 patterns of wallpaper at the exhibition in Moscow. Bum. prom. 36 no. 10. 31 O '61.

WALLS

Elements of earthquakeproof industrial buildings with mounted panel walls. M. G. Korf, V. I. Denishchikov. Trudy TSNIISK no. 6:144-153 '61.

WALLS—ELECTROMECHANICAL ANALOGIES

Ivashkova, V. K. [Using electric models to study the thermal properties of the enclosing elements of buildings] Issledovanie teplotekhnicheskikh svoistv ograzhdaiushchikh konstruktsii zdanii metodom elektromodelirovaniia. Moskva, Gos. izd-vo lit-ry po stroit, arkhit. i stroit. materialam, 1960. 135 p. (Akademiia stroitel'stva i arkhitektury SSSR. Institut stroitel'noi fiziki i ograzhdaiushchikh konstruktsii. Nauchnoe soobshchenie, no. 1)

WALNUT see subdivision under Syktyvkar

WAR

The present stage of national liberation wars V. Dolgopolov. Mezhdunar. zhizn' 9 no. 2 23-29 F '62.

Smirnov, N. K. [It is possible to prevent war] Voiny mozhno predotvratit'. Pod obshchei red. F. V. Nosova. [Leningrad] Lenizdat, 1960. 41 p. (Besedy na politicheskie temy)

WAR—ECONOMIC ASPECTS

(see also subdivision under United States)

Strengthening of the defense of the U. S. S. R. in the light of the program of the CPSU A. Lagovskii Tyl i snab. Sov. Voor Sil 21 no. 11 10-15 N '61.

WAR—RELIEF OF SICK AND WOUNDED

Eliminating multistage service in the medical evacuation of wounded and sick in a military chain of medical care. O. K. Gavrilov. Voen.-med. zhur. no. 7:9-17 Jl '61.

WAR CRIME TRIALS see subdivision under Estonia

WAR POETRY

Soldier poet. V. Subbotin. Sov. voin 43 no. 14:41 Jl '61.

WAR POETRY—BIBLIOGRAPHY see Bibliography—War poetry

WAREHOUSES

Aksel, Jaan. [Fundamentals of storage] Laomajanduse pohialused Tallin, Eesti Riiklik Kirjastus, 1960. 393 p [In Estonian]

WARTS

Treatment of dry callosities and warty growths. N. D. Savel'ev Voen.-med. zhur. no. 7:80 Jl '61.

WASHING MACHINES

Machine for washing units and parts. E Indikt, V. Sobolev. Avt transp. 39 no. 12:46-50 D '61.

Washing machines. I. Malkov. Sov. torg. 35 no. 1:48-49 Ja '62.

WASTE PRODUCTS

Use of polyelectrolytes for the recovery of gold from waste waters. I. Kutil, F. IUrachka, I. Shimek. Zhur. prikl. khim. 34 no. 11:2430-2435 N '61.

Valuables but not waste. I. Vol'per. NTO 3 no. 12:20-22 D '61

WATCHMAKING see Clockmaking and watchmaking

WATER

Calculation of the thermodynamic properties of gaseous solutions of water in ethylene and the plotting of thermal diagrams. D. S. TSiklis, A. I. Kulikova, L. I. Shenderei. Khim. prom. no. 1:52-56 Ja '62.

WATER—CHLORINATION

Organizing the detoxication of sewage from dwellings by means of chlorination plants. R. S. Levina, I. S. Morgenshtern. Med. zhur. Uzb. no. 7:20-22 Jl '61.

WATER—COMPOSITION see subdivision under Balkhash, Lake

WATER—OXYGEN CONTENT

Chemical and sanitary biological role of macrophytes in Klyaz'ma Reservoir. N. M. Kabanov. Trudy Gidrobiol. ob-va 11.361-369 '61.

WATER—POLLUTION

Accumulation of radioactive phosphorus by some freshwater molluska. E. I. Popova. Trudy Komi fil. AN SSSR no. 9:53-60 '60.

Sixty years of sanitary inspection of the rivers of our country. G. P. Dolmatov. Sov. zdrav. 20 no. 7:73-77 '61.

WATER—PURIFICATION

Distribution of radioactive cerium-144 in different components of a body with regard to the deactivation of water. T. A. Vlasova. Trudy Komi fil. AN SSSR no. 9: 48-52 '60.

Doses of calcium hydroxide in the purification of water by aluminum coagulants. G. P. Rykhlikov. Zhur. prikl. khim. 35 no. 1:221-224 Ja '62.

Hydrobiological method of water purification from organic contaminations and biocenology in hydrobiology. S. N. Skadovskii. Trudy Gidrobiol. ob-va 11:331-337 '61.

Removal of oils and tarry residues from waste waters in a flotation machine. P. N. Gorelov, T. I. Gornykh, F. A. Mustafin. Koks i khim. no. 8:50-51 '61.

WATER, DISTILLED

Utilization of the heat emitted by the compressor operation for the production of distilled water. A. IA Poltavets, G. F. Kolesnikov. Prom energ. 16 no. 6:10 Je '61.

WATER, UNDERGROUND

(see also subdivision under Donets Basin; Golovesnya Valley; Kazan; Kuma Valley; Sivash region, Tajikistan; Terek Valley; Ural Mountains)

Buidel, V. R., and V. E. Shamanskii. [Calculating drawdown with the help of electric models] Raschet vodoponizhenila pri pomoshchi elektricheskikh modelei. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1961. 95 p.

Geothermal power sources (from "Energie," no. 5, 1960). L. G. Popov. Vest. elektroprom. 31 no. 10:76 O '60.

Sliadnev, A. F. [Methods of studying the balance of ground waters] Metody izucheniia balansa gruntovykh vod. Tashkent, Izd-vo Akad. nauk Uzbekskoi SSR, 1961. 128 p.

WATER GAS see subdivision under Armenia

WATER HEATERS

Wind boils water. I. Symonovych. Znan. ta pratsia no. 1:25 Ja '62.

WATER METABOLISM

Changes in the extracellular fluid during the active phase of rheumatism in children (1st report). A. I. Morozov. Pediatriia no. 1:57-62 '62.

Effect of P^{32} application on the content of glucose and water in the blood and skin of rabbits. S. I. Matuskov. Med. rad. no. 7:88-89 '61.

Problems in the pathology and treatment of children with disorders of water - salt metabolism in acute intestinal infections. N. V. Vorotynitseva. Pediatriia no. 1:20-27 '62.

WATER ON THE BRAIN see Hydrocephalus

WATER POWER see subdivision under Kazakhstan

WATER RESOURCES DEVELOPMENT

(see also subdivision under Afghanistan; Amu Darya Valley; Sverdlovsk Province; Uzbekistan)

Kuznetsov, N. T. [Treasures of our rivers] Sokrovishcha nashikh rek. Moskva, Izd-vo Akad. nauk SSSR, 1961. 156 p. (Nauchno-populiarnaia serila)

WATER SUPPLY

(see also subdivision under Baku; Kazakhstan)

Use of filtration waters in the zone of irrigation canals for water supply purposes. IA. K. Levin. Gidr. i mel. 14 no. 1:41-43 Ja '62.

Water supply structures made of large slabs. B. Beletskii. Stroitel' no. 11:5-7 N '61.

WATER SUPPLY, RURAL

(see also subdivision under Beloyarskoye District)

Problems of sanitation and hygiene in rural water supply based on the experience of Soviet congresses on water supply. V. I. Tochilov. Azerb. med. zhur. no. 7:75-80 Jl '61.

WATER VAPOR

Plotting vapor adsorption isotherms from the vapor adsorption isotherms of a standard substance under the theory of potential. E. N. Serpionova. Izv. vys. ucheb. zav.; khim. i khim. tekh. 4 no. 4:586-593 '61.

WATERS, SULFUROUS see Mineral waters, Sulfurous

WATTMETER—TESTING

Using the method of voltage summing in testing d. c. wattmeters. I. N. Osher. Izm. tekh. no. 12:46-49 D '61.

WAVE GUIDES

Attenuation of electromagnetic waves caused by the losses in wave guide walls with a cross shaped cross section. T. V. Makarov. Radiotekh. i elektron. 7 no. 1:99-104 Ja '62.

Certain problems concerning the theory of a symmetrical ring circulator. A. L. Germ. Radiotekh. i elektron. 7 no. 2:270-280 F '62.

Interaction of an electron stream with a microwave field in a wide plane gap with higher mode excitation. A. L. Kogitenko, IU. A. Pirogov. Radiotekh. i elektron. 7 no. 2:332-338 F '62.

Method for non-self-conjugated operators in the theory of wave guides. M. S. Livshits. Radiotekh. i elektron. 7 no. 2:281-297 F '62.

Modes in a H-type metal-dielectric wave guide. E. M. Gutsalt. Radiotekh. i elektron. 7 no. 2:310-320 F '62.

Resonator variety of the method of using a helical wave guide for measuring the dielectric permeability of a substance at ultrahigh frequencies. K. P. IAtsuk, V. P. Shestopalov. Zhur. tekh. fiz. 32 no. 1:119-126 Ja '62.

Scattering of waves at the junction of two multimode wave guides with almost equal cross sections. IU. M. Isaenko. Radiotekh. i elektron. 7 no. 2:298-309 F '62.

Use of a thin film filter for the suppression of the E_{01} field in a limit attenuator. G. A. IUgova. Radiotekh. i elektron. 7 no. 2:345-347 F '62.

WAVE MECHANICS

Partial waves with complex orbital momenta and the asymptotic behavior of the scattering amplitude [with summary in English] V. N. Gribov. Zhur. eksp. i teor. fiz. 41 no. 6:1962-1970 D '61.

Remark on the problem of three particles with point interaction [with summary in English] R. A. Minlos, L. D. Faddeev. Zhur eksp i teor fiz. 41 no 6: 1850-1851 D '61.

WAVES

(see also subdivision under Atlantic Ocean)

Comparability of wave observations. K. M. Sirotov. Biul. Okean kom. no. 3:90-93 '61

Determining the maximum velocities of waves in the coastal zone of the sea. V. V Longinov. Trudy Inst. okean. 40,287-308 '61.

Effect of wave refraction on the formation of the equilibrium profile of the underwater slope. B. A Popov. Trudy Inst. okean. 48:309-327 '61

Observations on wave refraction under natural conditions. B. A. Popov, M. G. Ratmanova. Trudy Okean kom 12: 78-85 '61.

Possibility of forecasting alongshore currents in tideless seas. I. F. Shadrin Trudy Inst okean. 48:328-340 '61.

Possibility of forecasting temporary relief changes in the coastal zone of the sea caused by waves. V V. Longinov. Trudy Inst. okean. 48 :266-286 '61

Some problems concerning the interaction of the wave flux with the bottom during its deformation at low speeds. B. A. Shuliak. Trudy Inst. okean. 48, 202-265 '61.

Stand for model studies of waves. L. Sh. Volokhonskii Okeanologiia 1 no 6,1085-1088 '61

WAYFARING TREE

Germination of the seeds of cranberry and wayfaring trees. E. P. Zaborovskii, N. N. Varasova. Bot. zhur. 46 no. 8:1169-1171 Ag '61.

WEATHER CONTROL

Volevakha, M. M. [How to control the weather] Chy mozhna keruvaty pohodoiu Kyiv, 1961. 31 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR, Ser. 6, no. 24)

WEATHER FORECASTING

Analysis of prognostic relationships with the account of solar activity. L. A. Vitel's. Trudy GGO no. 111:153-178 '61.

Improvement and practical application of the synoptic climatological method to long-range hydrometeorological forecasting. L. A. Vitel's. Trudy GGO no.111 136-152 '61.

WEATHER FORECASTING, STATISTICAL see Statistical weather forecasting

WEATHER RESEARCH

Outlook for regional synoptic investigations. M. A. Petrosiants, N. N. Romanov. Trudy Sred.-Az. nauch.-issl. gidrometeor. inst. no. 4:3-9 '61.

WEAVING

Basic trends in the improvement of the fabric formation process. I. G. Vinogradov, F. P. Martynkin. Tekst. prom. 21 no. 5:55-57 My '61.

WEED CONTROL

Recent developments in weed control on rice fields. I. E. Krivolapov. Zemledelie 23 no. 12:34-44 D '61.

WEED KILLERS see Herbicides

WEIGHING MACHINES

Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. [Methods of determining freight weight] Sposoby opredeleniia vesa gruzov. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soob., 1961. 117 p. (Trudy, no. 215)

WEIGHT FUNCTIONS

Imbedding theorems involving weight. A. S. Dzhaforov. Dokl. AN SSSR 142 no. 3:514-517 Ja '62.

WELDING

(see also subdivision under Ukraine)

[Welding handbook] Spravochnik po svarke. Pod red. E. V. Sokolova. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry.

Vol. 2, 1961. 664 p.

WELDING—EQUIPMENT AND SUPPLIES

Classification and conventional symbols for welding tools and devices. A. D. Gitlevich. Avtom. svar. 15 no. 2, 86-88 F '62.

Materials for the welding of new stainless and acid-resistant steels with a low nickel content. N. I. Kakhovskii, K. A. IUshchenko, V. G. Fartushnyi. Avtom. svar. 15 no. 2:89-90 F '62.

Modernization of the ADS welding head and tractor. F. I. Bukin Avtom svar. 15 no 2 90-91 F '62

WELDING—EXHIBITIONS

Thematic exhibition on welding technology. M. V. Khanapetov. Vest. elektroprom. 31 no. 10:62-65 O '60.

WELDING, GAS see Gas welding and cutting

WEST GERMANY see Germany, West

WEST KAZAKHSTAN PROVINCE—COMMUNIST PARTY OF THE SOVIET UNION

The main thing in organizational work. I. Fin'ko. Part. zhizn' Kazakh. 31 no. 10:31-37 O '61.

WEST KAZAKHSTAN PROVINCE—ECONOMIC CONDITIONS

The main thing in organizational work. I. Fin'ko. Part. zhizn' Kazakh. 31 no. 10,31-37 O '61.

WESTERN EUROPE see Europe, Western

WESTERN SIBERIA see Siberia, Western

WESTERN SAMOA—POLITICS AND GOVERNMENT

First big success of the national liberation movement in Oceania. I. Lebedev. Mir. ekon. i mezhdunar. otn. no. 1:109-110 Ja '62.

Western Samoa as an independent country. Ogonek 40 no. 2:6 Ja '62.

WETTING

Study of "heterophilic" systems Part 1: Resistance of "Heterophilic" systems to the action of molecular layers of water G D Dibrov, M. S Ostrikov Uch zap. RGU 41 51-67 '58

WHALING see subdivision under Kurile Islands

WHEAT

(see also subdivision under Rostov Province)

Investigating tryptophan in wheat flour. I. F. Kriuk. Izv. vys. ucheb. zav., pishch tekh. no. 5 28-30 '61.

Protein complex of wheat grain and its changes in remote hybridization. N. A. Tiunova. Trudy Glav. bot. sada 8: 113-140 '61.

Role of early wheat varieties in fighting drought and in increasing yields. K. M. Kram. Trudy Nauch.-proizv. konf. po agron. no. 1:81-86 '59.

WHEAT—DISEASE AND PEST RESISTANCE see subdivision under Azerbaijan

WHEAT—FERTILIZERS AND MANURES

Effect of organic-mineral fertilizers on the protein content of winter wheat. P. E. Sudnov, G K L'gov. Zemledelie 23 no. 12:67-70 D '61.

WHEAT BREEDING

Triumph of Academician Luk'ianenko. V. Vetlugin. IUn. nat. no. 12:11 D '61.

WHEAT RUSTS

Studying the susceptibility of wheat varieties to rust and covered smut in relation to the altitude of the region. M. M. Ismailov. Izv. AN Azerb. SSR. Ser. biol. i med nauk no. 10:43-53 '61.

WHITE RUSSIA—AGARICALES

New species of hymenomycetous
cales in White Russia. Report
Dokl. AN

WHITE RUS
Martovital
areas" a
and 1925
osushche
M-va vy
nogo obr

WHITE RUS
Serious e
no. 4 2

WHITE RUS
Green ald
S.S.R.
Bel. otd.

WHITE RUS
Resistanc
kin, O. I
523-524

WHITE RUS
Are the a
35 no.

WHITE RUS
Performa
19 no. 1:

WHITE RUS
Recent da
kovil P.
Burtya.

WHITE RUSSIA—BOTANICAL RESEARCH

Work of the White Russian Branch of the All-Union Botanical Society in 1959. I. D. IUrkevich, V. S. Gel'tman. Sbor. bot. rab. Bel. otd. VBO no. 2 244-248 '60

WHITE RUSSIA—CANALS

A new waterway. V. Charnenka, A. Rahozina. Belarus' 19 no. 1,15 Ja '62.

WHITE RUSSIA—CARP

Relationship between the food biomass and fish production in carp ponds. V. P. Liakhnovich. Trudy Gidrobiol. ob-va 11 290-309 '61

WHITE RUSSIA—COLLECTIVE FARMS

Kavaleuski, P. V. [Manpower and its use on the collective farms of the White Russian S. S. R.] Pratsounyia resursy i ikh vykarystanne u kalhasakh BSSR. Minsk, Dziarzh. vyd-va BSSR. Red. sotsyial'na-ekan. lit-ry, 1961. 52 p.

WHITE RUSSIA—COMMERCE

We are expanding economic contacts and improving the organization of labor [with English summary in appendix]. A. Zotov. Vnesh. torg. 42 no. 1 32-35 '62

WHITE RUSSIA—COMMUNIST PARTY OF THE SOVIET UNION

About an answer. Komm. Bel. 35 no. 7:76-78 Jl '61.

Markilanov, E. K. [The struggle of the Communist Party of White Russia to strengthen the unity of its ranks from 1921 to 1925] Bor'ba Kommunisticheskoi partii Belorussii za ukreplenie edinstva svoikh riadov v 1921-1925 gg. Minsk, Izd-vo M-va vysshego, srednego spetsial'nogo i professional'nogo obrazovaniia BSSR, 1961. 173 p.

Milestones of a remarkable road. V. Burnosau. Belarus' 19 no. 1:18 Ja '62

Moscow. Institut istorii partii. [Outline history of the Communist Party of White Russia] Ocherki istorii Kommunisticheskoi partii Belorussii. Minsk, Gos. izd-vo BSSR Red. sotsial'no-ekon. lit-ry.
Pt. 1. 1883-1920 gg. 1961. 398 p.

WHITE RUSSIA—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Communism is being created by the masses themselves. Komm. Bel. 35 no. 7:2-7 Jl '61.

A meeting of Communists. R. Putina. Komm. Bel. 35 no. 7:34-39 Jl '61.

A propagandist is an organizer and educator of the masses. Komm. Bel. 35 no. 7:53-56 Jl '61

WHITE RUSSIA—COMMUNIST YOUTH LEAGUE

Let's cultivate communist traits in everyone. L. Maksimov. Mol. komm. no. 10, 46-53 O '61.

WHITE RUSSIA—CONIFERAE

Introduced conifer species in the White Russian S. S. R. E. V. Ivanova. Sbor. bot. rab. Bel. otd. VBO no. 2:191-195 '60.

WHITE RUSSIA—CONSTRUCTION INDUSTRY

Current problems of builders in White Russia. M. Tarasov. Ekon. stroi. no. 12, 26-31 D '61.

WHITE RUSSIA—CORN (MAIZE)

Effect of the water balance of leaves and the dynamics of stomata on the efficiency of photosynthesis in corn. Z. G. Dudko. Sbor. bot. rab. Bel. otd. VBO no. 2:185-188 '60

WHITE RUSSIA—CULTURE

Peisakhovich, A. IA. [Cultural development of the White Russian S. S. R. 1943-1945] Kul'turnoe stroitel'stvo v Belorusskoi SSR v 1943-1945 gg. Minsk, Izd-vo Belgosuniversiteta im. V. I. Lenina, 1961. 65 p.

WHITE RUSSIA—DESCRIPTION AND TRAVEL

Khadkevich, T. K. [White Russia, my homeland] Maia Belarus'. Minsk, Derzh. vyd-vo BSSR. Red. masavapalit. lit-ry, 1961. 98 p.

WHITE RUSSIA—EDUCATION

Peisakhovich, A. IA. [Cultural development of the White Russian S. S. R. 1943-1945] Kul'turnoe stroitel'stvo v Belorusskoi SSR v 1943-1945 gg. Minsk, Izd-vo Belgosuniversiteta im. V. I. Lenina, 1961. 65 p.

WHITE RUSSIA—ENSEMBLES (MUSIC)

Amateur musicians. N. Navitskaia. Belarus' 19 no. 1: 17 Ja '62.

WHITE RUSSIA—FOLK DANCING

Achievements of an ensemble of young dancers. H. Zaharodni. Belarus' 19 no. 1:19 Ja '62.

WHITE RUSSIA—FORESTS AND FORESTRY

Characteristics of the composition of naturally regenerated stands. V. E. Ermakov. Sbor. bot. rab. Bel. otd. VBO no. 2:189-192 '60.

WHITE RUSSIA—FUNGI, PHYTOPATHOGENIC

Injurious fungi and insects of the Botanical Garden of the Academy of Sciences of the White Russian S. S. R. A. I. Kustova, N. L. Losinskaia. Sbor. bot. rab. Bel. otd. VBO no. 2:205-210 '60.

WHITE RUSSIA—GALEGAE

Galega orientalis Lam. and possibilities for its cultivation in White Russia. V. P. Solianik. Sbor. bot. rab. Bel. otd. VBO no. 2 103-110 '60

WHITE RUSSIA—GEOGRAPHY

Zhuchkevich, V. A., and O. F. IAkushka. [Geography of the White Russian S. S. R., a textbook for secondary schools] Geografiia Belaruskai SSR, vuchebny dapamozhnik dlia siaredniai shkoly. Vyd. 2. Minsk, Dziarzh. vuchebna-pedagag. vyd-va M-va asvety BSSR, 1961. 73 p.

WHITE RUSSIA—GRAIN

Let's conduct the harvest of grain in a spirited way. Komm. Bel. 35 no. 7:30-33 Jl '61

Ways of developing the grain economy. I. Molochko. Komm. Bel. 35 no. 7:24-29 Jl '61.

WHITE RUSSIA—GRASSES

Natural herbaceous plants in the Botanical Garden of the Academy of Sciences of the White Russian S. S. R. N. V. Kozlovskaia. Sbor. bot. rab. Bel. otd. VBO no. 2:196-204 '60

WHITE RUSSIA—INDUSTRIES

Made in 1961. Belarus' 19 no. 1:1 Ja '62.

WHITE RUSSIA—INSECTS, INJURIOUS AND BENEFICIAL

Injurious fungi and insects of the Botanical Garden of the Academy of Sciences of the White Russian S. S. R. A. I. Kustova, N. L. Losinskaia. Sbor. bot. rab. Bel. otd. VBO no. 2 205-210 '60

WHITE RUSSIA—INVENTORIES

From the work practice of the Bureau of Technical Inventory. D. Pailer. Vest. stat. no. 1:60-60 '62.

WHITE RUSSIA—LARCH

Growing conditions and productivity of the European larch (Larix decidua Mill.) in the White Russian S. S. R. A. D. IAnushko. Sbor. bot. rab. Bel. otd. VBO no. 2 145-154 '60

WHITE RUSSIA—LAWNS

Characteristics of the development of various species of grasses on lawns of the Botanical Garden of the Academy of Sciences of the White Russian S. S. R. L. P. Lagan. Sbor. bot. rab. Bel. otd. VBO no. 2:211-213 '60.

WHITE RUSSIA—LILIES

Rapid propagation of the Madonna Lily (Lilium candidum L.) in the White Russian S. S. R. A. S. Merlo. Sbor. bot. rab. Bel. otd. VBO no. 2 214-218 '60.

WHITE RUSSIA—MOTION-PICTURE PLAYS

For improvement in the quality of the White Russian cinematography. Komm. Bel. 35 no. 7:76-79 Jl '61.

WHITE RUSSIA—MUNICIPAL SERVICES

The White Russian S. S. R. Zhil.-kom. khoz. 11 no. 10: 6 O '61.

WHITE RUSSIA—NAMES, GEOGRAPHICAL

Zhuchkevich, V. A. [Origin of the geographical names (toponymy) of White Russia] Proiskhozhdenie geograficheskikh nazvanii (toponimika) Belorussii. Minsk, Izd-vo Belgosuniv. im. V. I. Lenina, 1961. 77 p.

WHITE RUSSIA—NORWAY SPRUCE

Types of Norway spruce (Picea excelsa Link.) in the White Russian S. S. R. D. S. Golod. Sbor. bot. rab. Bel. otd. VBO no. 2:32-40 '60.

WHITE RUSSIA—OAK

Fruit bearing of English oak (Quercus robur L.) in plantations of various density. N. V. Shkutko. Sbor. bot. rab. Bel. otd. VBO no. 2:111-119 '60.

WHITE RUSSIA—PEAT

Pidopilchko, A. P. [Peat deposits of White Russia; genesis, stratigraphy, and districting] Torfianye mestorozhdeniia Belorussii; genezis, stratigrafiia i raionirovanie. Minsk, Izd-vo Akad. nauk BSSR, 1961. 190 p.

WHITE RUSSIA—PEAT SOILS

Drainage norms for peat soils. S. G. Skoropanov. Gidr. i mel. 14 no. 1 34-40 Ja '62.

WHITE RUSSIA—PHYSICAL GEOGRAPHY

Division of White Russia into physicogeographical regions. V. A. Dement'ev. Vop. geog. no. 55:18-25 '61.

WHITE RUSSIA—PHYSICAL THERAPY

Work of the White Russian Society of Physiotherapeutists and Health Resort Specialists in 1960. D. A. Markov, A. B. Grenader. Vop. kur., fizioter. i lech. fiz. kul't. 26 no. 4:376-377 Jl-Ag '61.

WHITE RUSSIA—PLANTS, FLOWERING OF

Second flowering of some trees in 1959. E. Z. Boboreko. Sbor. bot. rab. Bel. otd. VBO no. 2, 173-177 '60.

WHITE RUSSIA—REFRIGERATION AND REFRIGERATING MACHINERY

Conference-seminar of the workers of refrigeration enterprises in the White Russian S. S. R. Khol. tekh. 38 no. 5:69 S-O '61.

WHITE RUSSIA—RETAIL TRADE—FINANCE

Bank control over the course of trade and delivery of goods. G. Zysman, V. Lapaksin, TS. Khaltina. Den. i kred. 20 no. 1:50-61 Ja '62.

WHITE RUSSIA—SCOTCH PINE

Planting Scotch pine in different soil and climatic conditions of the White Russian S. S. R. V. G. Mishnev, E. D. Mantsevich. Sbor. bot. rab. Bel. otd. VBO no. 2:68-80 '60.

WHITE RUSSIA—SOCIAL CONDITIONS

Let us always be in the first ranks of the builders of communism. K. T. Mazurov. Komm. Bel. 35 no. 7:8-23 Jl '61.

WHITE RUSSIA—SUGAR BEETS—HANDBOOKS, MANUALS, ETC.

Timoshinin, V. D., and others. [Manual on sugar beet cultivation in the B. S. S. R.] Spravochnik po vozdelyvaniiu sakharnoi svekly v BSSR. Minsk, Gos. izd-vo BSSR. Red. sel'khoz. lit-ry, 1961. 194 p.
(DA)

WHITE RUSSIA—SUGAR INDUSTRY

From the history of development of the sugar industry in White Russia. M. F. Bolbas. Sakh. prom. 35 no. 12: 17-20 D '61.

WHITE RUSSIA—TECHNOLOGICAL INNOVATIONS

Efficiency promoters of White Russia. Mest. prom. i khud. promys. 2 no. 7:26-29 Jl '61.

WHITE RUSSIA—WILDLIFE, CONSERVATION OF

"Our homeland" by Vitali Volski. Reviewed by IA. Hertsovich. Belarus' 19 no. 1:20 Ja '62.

WHITE RUSSIA—WINTER

January. A. Kurskou. Belarus' 19 no. 1:31 Ja '62.

WHITE RUSSIAN DRAMA

Are the arrows of satire hitting the target? Komm. Bel. 35 no. 7:79 Jl '61.

WHITE RUSSIAN LANGUAGE

Kryvitski, A. A. [Present-day White Russian literary language and its local dialects] Suchasnaia belaruskaia literaturnaia mova i narodnyia havorki. Minsk, 1961. 38 p. (Tavarystva pa raspausiudzhvanniu palitychnykh i navukovykh vedau Belaruskai SSR, no. 22)

WHITE RUSSIAN LANGUAGE—CHRESTOMATHIES AND READERS

Akademiia navuk BSSR, Minsk. Instytut movaznaustva. [Chrestomathy on the history of the White Russian language] Khrestamatyia pa historyi belaruskai movy; vuchebny dapamozhnik dlia studentau filialgichnykh fakul'tetau vysheishykh navuchal'nykh ustanou. Minsk, Vyd-va Akad. navuk BSSR.
Pt. 1. 1961. 539 p.

WHITE RUSSIAN LANGUAGE—GRAMMAR

Akademiia navuk BSSR, Minsk. Instytut movaznaustva. [Course in the modern White Russian literary language; phonetics, orthography, lexicology] Kurs suchasnai belaruskai literaturnai movy; fanetyka, arfagrafiia, leksikalogiia. Padruchnik dlia studentau filialgichnykh fakul'tetau universitetau i pedagagichnykh instytutau. Minsk Dziarzh. vuchebna-pedagog. vyd-va M-va asvety BSSR, 1961. 206 p.

Hurski, M. I., M. H. Bulakhau, and M. TS. Marchanka. [White Russian language] Belaruskaia mova; vuchebny dapamozhnik dlia fakul'tetau padrykhtouki nastaunikau pachatkovykh klasay pedagagichnykh instytutau. Minsk, Dziarzhaunae vuchebna-pedagagichnae vyd-va M-va asvety BSSR.
Pt. 1. [Lexicology, phonetics, and morphology] Leksikalogiia, fanetyka i marfalogiia, 1961. 395 p.

WHITE RUSSIAN LITERATURE

The principal theme. Petrus' Brovka. Oktiabr' 38 no. 8:13-15 Ag '61.

WHITE RUSSIAN NEWSPAPERS

About an answer. Komm. Bel. 35 no. 7:76-78 Jl '61.

WHITE RUSSIAN PERIODICALS

About an answer. Komm. Bel. 35 no. 7:76-78 Jl '61.

WHITE SEA—COASTS

Ripple marks in the coastal zone of a tidal sea. V. I. Budanov, V. S. Medvedev. Trudy Okean. kom. 12:73-77 '61.

WHOLESALE TRADE

Let's give more attention to the work of commercial middlemen. A. Dmitriev. Sov. torg. 35 no. 2:16-22 F '62.

WHOOPING COUGH—PREVENTIVE INOCULATION

Study of the effectiveness of whooping cough-diphtheria vaccines [with summary in English]. A. L. Osadchieva, M. I. Lupina. Sov. med. 25 no. 6:51-55 Je '61.

WILDLIFE, CONSERVATION OF
(see also subdivision under White Russia)

October. V. Parkhomenko. Nauka i zhyttia 11 no. 10:31 O '61.

WINCHES—ELECTRIC DRIVING

Some parameters of ship winches with direct current electric drives. V.A.Panov. Inform.sbor.TSNIIMF no.47. Tekh.ekspl.mor flota no.3:65-74 '60.

WIND POWER see subdivision under Kazakhstan

WIND TUNNELS

Low-speed wind tunnel. P.V Dilachenko. Trudy GGO no 116:30-40 '61.

WINDBREAKS, SHELTERBELTS, ETC.
(see also subdivision under Virgin Territory)

Role of shelterbelts of various make-up in the period of black dust storms [with summaries in English, German, and French]. N. M. Miloserdov Vest sel'khoz nauki 6 no 11 115-121 N '61.

WINDS
(see also subdivision under Apsheron Peninsula; Fedchenko Glacier; Kirghizistan, Soviet Central Asia, Tien Shan; Ursat'yevskaya region)

Determination of winds at a mean level. A.D.Dzhurayev, M.I.Morozova. Trudy Sred.-Az.nauch.-issl.gidrometeor.inst. no 4 92-98 '61.

Equivalent winds and their calculation. G.IA.Narovlianskii, S.V.Solonin. Trudy NIIAK no 14:120-129 '61.

Mean wind field over the Northern Hemisphere in January and July. S.I.Dunaeva. Trudy NIIAK no 14:35-48 '61.

Wind statistics. I.G.Guterman. Trudy NIIAK no.14:94-103 '61.

WINE AND WINE MAKING—ACCOUNTING see subdivision under Moldavia

WINTER see subdivision under Tatar A.S.S.R.; White Russia; Yakutia

WINTER SPORTS

Frost calls to the snow and ice. L. Snegova. Doshk. vosp 35 no 1:57-61 Ja '61.

WINTER WARFARE

Characteristics of the rear supply of troops in winter. N.Mikhailov. Tyl i snab.Sov.Voor.Sil 21 no.12 36-40 D '61.

WIRE BROADCASTING see subdivision under Moscow Province

WIRE BROADCASTING—EQUIPMENT AND SUPPLIES

Suggestions of the wire broadcasting workers. V. Dolia and others. Radio no 2,49-50 F '62.

WIRE DRAWING

Effect of thermomechanical treatment on the strength of steel wire. V. IA. Zubov, S. V. Grachev, IU. P. Surkov. Metalloved. i term obr. met. no. 1:20-22 Ja '62.

WIRE ROPE

Study of deformation and tension in spiral ropes considering the actual conditions of contact of the wires. M. F. Glushko. Izv. vys. ucheb. zav. ;gor. zhur. no 11: 103-113 '61.

WIRELESS TELEGRAPH see Telegraph, Wireless

WOLFRAMITE see subdivision under Transbaikalia

WOMEN—DISEASES

Treatment of gynecologic patients with subacute inflammatory diseases by radon baths combined with ultraviolet ray erythema therapy. A. V. Emanuel'. Vop. kur., fizioter. i fiech. fiz. kul't. 26 no. 4:326-332 Jl-Ag '61.

WOMEN—EMPLOYMENT

Cherkassy (Province) Oblastnoi sovet profsoiuzov. [Collection of the most important laws and regulations concerning the work of women, adolescents, and minors] Sbornik vazhneishikh zakonov i postanovlenii o trude zhenshchin, podrostkov i molodezhi. Cherkassy, 1959. 98 p.
[MICROFILM]

Women in the struggle for their labor rights. Agostiono Novella. Zhen. mira no. 5:10 '61.

WOMEN—HEALTH AND HYGIENE

Popova, G. F. [Hygiene for pregnant and nursing women] Gigiena beremennoi i kormiashchei grud'iu. Moskva, Medgiz, 1960. 30 p. (Nauchno-populiarnaia meditsinskaia literatura)
(DNLM)

Work of the gynecological consultation. Kh. E. Murzalieva, L. P. Mol'nikova. Vop. okh. mat. i det 6 no. 8:71-74 Ag '61.

WOMEN IN LITERATURE

Female characters in the byliny of the Kievan cycle I. N. Durmanova. Sbor. stud nauch. rab. po gum. taik. MOPI 4:20-59 '60.

WOMEN IN POLITICS

Their fate concerns all mothers. Zhen. mira no. 5:6-9 '61.

WOMEN'S PERIODICALS
(see also subdivision under Bulgaria)

Editor's mail. Zhen. mira no. 5:5-6 '61.

WOOD

Use of wood in the Neolithic period V.E.Vikhrov. Sbor. bot.-lab.Bel.otd.VBO no.2:20-31 '60.

Voronisov, A. I. [Hidden enemies of our house; insects that destroy wood] Skrytye vragi nashego doma, nasekomye razrushiteli drevesiny Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 93 p.

WOOD—CHEMISTRY

Chlorophyll a and chlorophyll b content of the bark and wood of some trees. E. N. Ketskhoveli, D. Ch. Kinkladze. Soob AN Gruz. SSR 27 no. 5:597-600 N '61

Ryzhkov, G. F. [Economic aspects of the wood chemistry and hydrolysis industry] Ekonomika lesokhimicheskoi i gidroliznoi promyshlennosti. Moskva, Goslesbumizdat, 1961. 238 p.

"Wood and cellulose chemistry" by V. M. Nikitin. Reviewed by K. A. Dolgov Bum prom. 36 no 12:28-29 D '61

WOOD—CONGRESSES

Conference on ways to increase the efficiency of using wood in construction. V. S Sarychev. Izv. ASiA no 2 115-116 '61.

WOOD—STORAGE see subdivision under Karelia

WOOD, COMPRESSED

Use of pressed wood. A. K. Sidorenko. Sudostroenie 27 no. 11:57 N '61.

Using multiple-position press molds for pressing articles made of wood particles. P. A Davidenko Der. prom. 11 no. 1.19-21 Ja '62.

WOOD-CARVING

Wooden implements used for washing and beating clothes representative of Russian folk art of the 18th and first half of the 19th century I. Ukhanova. Soob Gos. Erm no. 20:11-13 '61.

WOOD ENGRAVINGS, UKRAINIAN

Art of the woodcut. IUrii Turchenko. Mystetstvo 8 no. 6:12-15 N-D '61.

WOOD TAR

Distribution of wood tar in the course of the sulfite cooking of woodpulp. S.S.Malevskaia, IU.F.Liamtseva, D.T Liamtsev. Zhur.prikl.khim. 34 no.11: 2533-2537 N '61.

Use of gas producer tars in rubber reclaiming. N. G. Krivunchenko and others. Kauch i rez. 21 no 1: 52-53 Ja '62.

WOOD-USING INDUSTRIES

Il'in, D. A. [Utilization of wood waste and low-grade wood in foreign countries] Ispol'zovanie drevesnykh otkhodov i nizkotovarnoi drevesiny za rubezhom. Moskva, Goslesbumizdat, 1961. 135 p.

Scientific and Technical Conference in Krasnodar. Der. prom 11 no 2 28 F '62.

WOOD-USING INDUSTRIES—EQUIPMENT AND SUPPLIES

RMO-1600 chopping machine. N. P. Rushnov. Bum. prom. 36 no. 12:21-22 D '61.

WOODPULP
(see also subdivision under Syas' region)

Alkali cooking of spruce wood with salts added. D. V. Tishchenko, E. N. Lozovskaia. Zhur prikl. khim. 34 no. 12:2791-2792 D '61.

Bleaching peculiarities of refined woodpulp. F. P. Komarov. Bum. prom. 36 no. 12:11-12 D '61.

Cooking spruce pulp with magnesium bisulfite at the increased temperature. A. I. Bobrov, A. D. Turbanova. Bum. prom 36 no 10:4-5 O '61

Digestion of woodpulp for fine capacitor paper. B. G. Milov, M. I. Vitovtova, N. A. Strunnikov. Bum. prom. 37 no. 1:17-19 Ja '62.

Distribution of wood tar in the course of the sulfite cooking of woodpulp. S. S. Malevskaia, IU. F. Liamtseva, D. T. Liamtsev. Zhur. prikl. khim. 34 no. 11 2533-2537 N '61.

Fractionation of woodpulp. L. S. Bolotnikova, S. N. Danilov, T. I. Samsonova. Zhur. prikl. khim. 34 no. 11, 2578-2579 N '61.

From the pages of foreign journals. Bum. prom. 37 no. 1:32 Ja '62.

Investigations in the field of the production of semichemical pulp without the recovery of chemicals. Bum prom. 37 no. 1:16 Ja '62.

Organizing the production of a refined viscose pulp. L. B. Levit, V. IA. IAkovlev. Bum. prom. 37 no. 1:23-25 Ja '62.

Production of sulfite acid from caustic magnesite. V. N. Cherepanov. Bum. prom. 37 no. 1:7-8 Ja '62.

Rapid method for controlling the beating process and quality of paper pulp. Sh. M. Karlitskii. Bum. prom. 37 no. 1:26-27 Ja '62.

Redox reactions in alkali cooking of wood. G. Chirkin, D. Tishchenko. Zhur. prikl khim. 35 no. 1:153-159 Ja '62.

Selecting efficient systems of grinding in manufacturing paper from bleached woodpulp. S. N. Ivanov Bum. prom 36 no. 12:8-11 D '61.

Some economic indices of the use of soluble bases in the sulfite pulp production. V. V. Naumov. Bum. prom. 37 no 1:11-13 Ja '62.

Vanillin from sulfate liquors. R. B. Epshtein and others. Bum. prom. 37 no. 1:20 Ja '62.

WOODPULP—ANALYSIS

Simplified method for industrial pH control. A. V. Prokhorov. Bum. prom. 36 no 11:25-26 N '61

WOODPULP INDUSTRY
(see also subdivision under Kotlas; Rumania)

Practical means for achieving profit-giving capacity. A. I. Delimov. Bum prom. 37 no. 1.14 Ja '62.

Use of soluble bases at new and modernized plants. I. D. Tsvetkov Bum prom 37 no. 1:3-7 Ja '62

We shall produce woodpulp and paper products in abundance Bum prom. 36 no. 9 2-3 S '61.

WOODPULP INDUSTRY—EQUIPMENT AND SUPPLIES

Disk mills for the production of wood fiber tiles I. L. Shil'nikov, A. P Kalashnikov Bumagodel mash no 9 16-52 '61.

Mills for woodpulp production. V. M. Vanchakov, I. L. Shil'nikov. Bumagodel. mash. no. 9 33-45 '61

Resistant digester lining is achievable. G. G. Galushchak. Bum. prom. 37 no. 1:10 Ja '62.

Soda recovering units are dependable and powerful boilers A. A. Alekseev Bum. prom 37 no. 1:30-31 Ja '62

Striving ceaselessly for the quality improvement of digester linings. B. V. Lopatin Bum. prom. 37 no. 1: 15-16 Ja '62

WOODPULP INDUSTRY—RESEARCH

Guiding line in research. S. A. Puzyrev Bum prom. 36 no. 10 1-3 O '61.

WOODWORK

Positioning of blanks by means of a rod conveyer Kh. S. Al'tshuler. Der. prom 11 no. 1:21-23 Ja '62

Theoretical justification and experience in the automation of the processing of squared subassemblies V. P. Bukhtiarov Der. prom 11 no. 1 9-11 Ja '62.

WOODWORKING INDUSTRIES

Basic problems in the expansion of ski manufacture. K. K. Arsen'ev, I. B. Orman. Der. prom 11 no. 2 1-2 F '62

Fifth Plenum of the Central Administration of the Scientific and Technical Society of the Paper and Woodworking Industry. Der. prom. 11 no. 2 27 F '62.

The fourth year of the seven-year plan. Der. prom. 11 no. 1 1-2 Ja '62.

WOODWORKING INDUSTRIES—BIBLIOGRAPHY see Bibliography—Woodworking industries

WOODWORKING INDUSTRIES—PRODUCTION STANDARDS

"Setting production norms in forest working circles, logging camps, and woodworking industries" by L. Chuiitski. Reviewed by V D. Aroshchenko and N. A. Matiushenko. Les. khoz. 14 no. 12:92 D '61.

WOODWORKING MACHINERY
(see also subdivision under Ukraine; Vologda)

Automatic durable feeder for pile sorting. M. G. Dranovskii, IU. G. Gorodetskii, A. IA Pivovarov Der. prom 11 no. 2-10-11 F '62.

Device for loading the press (from "Wood and Wood Products," 66, no. 6 1961) Der. prom 11 no. 2-31 F '62

Efficient lengthwise cutoff of boards. G V. Kudriavin. Der. prom. 11 no. 1.16 Ja '62.

Volumetric feeders (from "Timber and Plywood," 119, no. 3092, 1960) Der prom 11 no 1.31 Ja '62.

WOODY PLANTS
(see also subdivision under Kazakhstan)

Effect of gibberellin on the germination of pollen in woody plants [with summary in English]. I. A. Kaurov, V. S. Vakula. Bot. zhur. 46 no. 8:1126-1133 Ag '61.

WOOL—TESTING

Laboratory method for determining the stiffness of wool fibers. L. A. Luvishis, N. S. Lazukov. Tekst. prom. 21 no. 5:75-77 My '61.

WOOL INDUSTRY—COSTS

The method of calculating production costs by stages. T. A. Alekseeva. Vop. stat. i ucheta no. 4:28-73 '61.

WOOLEN AND WORSTED MANUFACTURE

Additional raw material potentials for woolen and worsted manufacture. A. A. Dolgalev. Tekst prom. 21 no. 5: 8-10 My '61.

637475 O - 62 - 18

WOOLEN AND WORSTED MANUFACTURE (Continued)

Formation of the structure of rough wool cloth in the process of felting. A. I. Pavlov. Izv. vys. ucheb. zav.; tekh. tekst. prom no. 6:31-39 '61.

Make wider use of reclaimed wool. L. G. Leites. Tekst. prom. 21 no. 5:10-13 My '61.

WORK

Communism and work. L. Leont'ev. Mol. komm. no. 10: 11-21 O '61.

In creative work the new man is formed. A. Blatin. Polit. samoobr. 5 no. 7:20-29 Jl '61.

Monotony of work in conveyor operations [with summary in English]. V. G. Aseev. Vop. psikhol. 7 no. 6:37-54 N-D '61.

V. I. Lenin on the nature of work under socialism. N. E. Poliakov. Sbor. nauch. rab. kaf. polit. ekon. vuzov g. Khar. no. 3:105-116 '60.

WORK—PSYCHOLOGICAL ASPECTS

Psychological characteristics of an operator's work in continuous chemical production [with summary in English]. L. B. Itel'son. Vop. psikhol. 7 no. 5:109-120 S-O '61.

WORK (THE WORD)

Significance of productive words in the English language. N. I. Shakhova. Rom.-germ. filol. no. 3:148-152 '61.

WORK CLOTHES

Amendments and supplements to standard branch norms for issuing free work clothes, shoes and protective devices to workers and office employees in food industry enterprises. Part 6. "Fishing industry." Biul. Gos. kom. po vop. truda i zar. platy no. 10:25-28 '61.

WORK MEASUREMENT

Measurement of labor productivity in connection with the use of various types of traction for transporation. V. O. Bondarenko. Trudy MIIT no. 136:51-57 '61.

WORKS COUNCILS

(see also subdivision under Europe, Eastern; Minsk Province)

Good management university. V. Titarev. Sov. shakht. 11 no. 2:11-12 F '62.

Our vital task. M. Pilipenko. Sov. shakht. 11 no. 2:8 F '62.

WORLD POLITICS

Always be on guard for peaceful labor. K. Bochkarev. Voen. vest. 41 no. 9:14-18 S '61.

Conference of Representatives of Communist and Workers' Parties, Moscow, 1960. [Documents of the Conference of the Representatives of Communist and Workers' Parties] Dokumenty Narady predstavnykiv komunistychnykh i robitnychykh partii. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1960. 58 p.

Congress of the builders of communism. Tyl. i snab. Sov. Voor. Sil 21 no. 11:3-9 N '61.

Current problems in world politics; international review, July 1961-January 1962. Mir. ekon. i mezhdunar. otn. no. 1:3-39 Ja '62.

How the Soviet Union defended the interests of the Algerian people in the United Nations, 1957-1960. Submitted by A. V. Ivantsov, V. IA. Sipols. Ist. arkh. 7 no. 3:3-32 My-Je '61.

International notes. Nov. vrem. 20 no. 6:22-24 F '62.

International notes. Nov. vrem. 20 no. 7:21-23 F '62.

International notes. [illegible] no. 8:23-25 F '62.

[illegible] '62.

WORLD WAR, 1939-1945

(see also subdivision under Bulgaria; France; Germany, Italy; Kaunas, Kestenga, Karelia, Kiev; Korea, Koryukovka; Lithuania, Minsk; Moscow, Neman Valley, Norway, Pirciupis, Tajikistan; Ural Mountain region, Vietnam)

Birth of a Soviet guards unit. Voen.-ist. zhur. 3 no. 9: 128 S '61.

Combat examples. V. Liubimov, Kogan, S. B. Graipel'. Voen.-ist. zhur. 3 no. 9:46-51 S '61.

Combat operations at night. D. Alekseev. Voen. vest. 41 no. 9:34-37 S '61.

Combat operations of the 387th Rifle Division. P. S. Belan, V. K. Sidorov. Izv. AN Kazakh SSR Ser. ist., arkheol. i etn. no. 3:17-25 '61.

[The Communist Party during the Great Patriotic War, June 1941-1945, documents and source materials] Kommunisticheskaia partiia v period Velikoi Otechestvennoi voiny, iiun' 1941 goda - 1945 god, dokumenty i materialy. Moskva, Gos. izd-vo polit. lit-ry, 1961. 702 p. (V pomoshch izuchaiushchim istoriiu KPSS)

Concerning a false version. K. Cheremukhin. Voen.-ist. zhur. 3 no. 9:119-122 S '61.

Courage, skill. Voen. vest. 41 no. 9:49-50 S '61.

"From the air into battle" by I. I. Lisov. Voen. vest. 41 no. 7:125-126 Jl '61.

"History of the Great Patriotic War of the Soviet Union 1941-1945." Volume 2. Repulse by the Soviet people of the treacherous attack of Fascist Germany on the U. S. S. R. Creation of the conditions for the radical turning point in the war (June 1941-November 1942) Reviewed by A. Taralov. Tyl i snab. Sov. Voor. Sil 21 no. 10:91-95 O '61.

"History of the Great Patriotic War of the Soviet Union 1941-1945." Vol. 3. Reviewed by V. Petrukhin. Tyl i snab. Sov. Voor. Sil 21 no. 12:87-91 D '61.

Komkov, G. D. [Sources of the victory of the Soviet people in the Great Patriotic War] Istoki pobedy sovetskogo naroda v Velikoi Otechestvennoi voine. Moskva, Izd-vo Akad. nauk SSSR, 1961. 110 p. (Nauchno-populiarnaia seriia)

Precarious period of a war and vigilance. V. Zemskov, A. Bulatov. Voen. vest. 41 no. 9:31-33 S '61.

Reconnaissance in a motorized rifle battalion. I. Zaitsev, N. Parshikov. Voen. vest. 41 no. 9:38-41 S '61.

Soviet frontier guards in the first days of the Great Patriotic War. Submitted by IU. K. Strizhkov, V. A. Cherviakov. Ist. arkh. 7 no. 3:76-102 My-Je '61.

WORLD WAR, 1939-1945—AERIAL OPERATIONS

Courage. IU. Zel'venskii. Kryl. rod. 13 no. 2:2-3 F '62.

In the sky of Lithuania. P. Frolov. Sov. voin 43 no. 14: 42 Jl '61.

It was near Brest. N. Gudina. Kryl. rod. 13 no. 2:6 F '62.

WORLD WAR, 1939-1945—CAMPAIGNS

Offensive operations of the army in the Great Patriotic War. M. Cherednichenko. Voen.-ist. zhur. 3 no. 9: 88-97 S '61.

On the Brest-Bobruysk Front in the early phase of the Patriotic War. L. M. Sandalov. Ist. arkh. 7 no. 3:178-200 My-Je '61.

WORLD WAR, 1939-1945—CAUSES

History could have turned out differently. I. M. Maiskii. Nov. vrem. 20 no. 7:27-29 F '62.

The preparation for military talks. I. M. Maiskii. Nov. vrem. 20 no. 6:27-30 F '62.

WORLD WAR, 1939-1945—NAVAL OPERATIONS

"Together with the navy" by A. G. Golovko. Reviewed by Arkadii Perventsev. Oktiabr' 38 no. 8:215-216 Ag '61.

WORLD WAR, 1939-1945—NAVAL OPERATIONS—SUBMARINE

Trio from a submarine. V. Abolentseva. Neva no. 6: 216-217 '61.

WORLD WAR, 1939-1945—PERSONAL NARRATIVES

During difficult times. N. Voronov. Voen.-ist. zhur. 3 no. 9:62-76 S '61.

Line of formation. D. A. Dragunskii. Neva no. 6:172-178 '61.

War memoirs. G. I. Os'kin. Ist. arkh. 7 no. 3:255-260 My-Je '61.

With "Pravda" on his breast. A. Sobolev. Ogonek 40 no. 3:14 Ja '62.

WORLD WAR, 1939-1945—PICTORIAL WORKS

Curb the revengers! V. Voevodin. Neva no. 12:143-150 '61.

WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS

Soviet partisans abroad. V. Andrianov. Voen.-ist. zhur. 3 no. 9:17-32 S '61.

WORM-GEAR see Gearing, Worm

WORMS, INTESTINAL AND PARASITIC

(see also subdivision under Georgia)

Immunity to helminthiasis [with summary in English]. S. N. Babadzhanov. Med. zhur. Uzb. no. 8:46-53 Ag '61.

Reactions of the cardiovascular system in children to prolonged helminth invasion and intestinal lambliasis [with summary in English]. R. Kaliuzhnaia. Pediatriia 40 no. 12:15-22 D '61.

Studying helminths of wild birds of southern Turkmenistan. IU. IA. Tendetnik, M. D. Sonin, L. M. Shagalina. Izv. AN Turk. SSR. Ser. biol. nauk no. 6:78-85 '61.

WOUNDS

Cytological and bacteriological study of granulating wounds [with summary in English]. P. V. Zav'ialov. Sov. med. 25 no. 10:49-53 O '61.

WRANGEL ISLAND—DISCOVERY AND EXPLORATION

"Wrangel Island" by L. Gromov. Reviewed by B. N. Likhanov. Priroda 51 no. 1:124 Ja '62.

WRANGEL ISLAND—ECONOMIC GEOGRAPHY

"Wrangel Island" by L. Gromov. Reviewed by B. N. Likhanov. Priroda 51 no. 1:124 Ja '62.

WRANGEL ISLAND—PHYSICAL GEOGRAPHY

Nature of Wrangel Island. N. M. Svatkov. Probl. Sev. no. 4:3-26 '61.

WRITING

Genesis of writing at preschool age [with summary in English]. E. D. Kezheradze. Vop. psikhol. 7 no. 5: 99-108 S-O '61.

Istrin, V. A. [Development of writing] Razvitie pis'ma. Moskva, Izd-vo Akad. nauk SSSR, 1961. 394 p.

WULFENITE see subdivision under Kara-Tau

WURTZITE

Elasticity moduli for crystals of the wurtzite type. V. A. Zhdanov, L. A. Brysneva. Izv. vys. ucheb. zav., fiz. no. 6:95-103 '61.

X-RAY PHOTOGRAPHY see Radiography

X-RAY SPECTRUM see Spectrum, X-ray

X RAYS—DIFFRACTION

Increased intensity of waves reflected from bent crystals. P. A. Bezirganian, A. G. Akritov. Izv. AN Arm. SSR. Ser. fiz.-mat. nauk 14 no. 6:99-110 '61.

X-ray diffraction studies of biological objects. L. L. Razumova. Zhur. strukt. khim. 2 no. 3:337-345 My-Je '61.

X RAYS—EQUIPMENT AND SUPPLIES

Developing tank for X-ray photographs of teeth. P. N. Sliusar'. Stomatologiia 39 no. 6:70-71 N-D '60.

X RAYS—INDUSTRIAL APPLICATIONS

The technique of determining the grain size from roentgenograms. M. N. Bodiako, S. A. Astapchik. Dokl. AN BSSR 5 no. 12:551-553 D '61.

X-ray study of platinum from the Noril'sk deposit. V. I. Mikheev, A. I. Kalinin, E. P. Sal'dau. Zap. LGI 38 no. 2:99-106 '61.

X-ray study of the dehydration products of goethite and lepidocrocite. E. P. Sal'dau. Zap. LGI 38 no. 2:140-148 '61.

X-ray study of uraninites and gummites. V. I. Mikheev. Zap. LGI 38 no. 2:26-72 '61.

X RAYS—PHYSIOLOGICAL EFFECT

Characteristics of the metabolism of glycogen fractions of the brain in fractional X irradiation of animals. T. M. Mironova, F. D. Koldobskaia. Dokl. AN BSSR 5 no. 12:575-578 D '61.

Effect of antisera for irradiated malignant tissues on the growth of experimental tumors in irradiated animals. Report No. 2: Action of serum for irradiated ascitic cells on the growth of subcutaneous and ascitic forms of Ehrlich's adenocarcinoma in mice [with summary in English]. I. N. Maiskii, G. V. Suvorova, P. P. Filatov. Biul. eksp. biol. i med. 52 no. 8:91-94 Ag '61.

Effect of X rays and high temperature on the crossing-over process [with summary in English]. L. A. Zakharov, S. G. Inge-Vechtomov. Issl. po gen. no. 1:25-37 '61.

Effect of X rays on the nondisjunction of X-chromosomes [with summary in English]. M. M. Tikhomirova. Issl. po gen. no. 1:19-24 '61.

Effect of X rays on unconditioned interoceptive exchange reflexes [in Azerbaijani with summary in Russian]. A. I. Karaev, S. A. Dzhabieva. Trudy Sekt. fiziol. AN Azerb. SSR 4:38-43 '60.

Electrocardiographic changes in rabbits under the action of incorporated polonium and X-rays [with summary in English]. S. P. Grozdov. Med. rad. no. 6:48-53 '61.

Investigating the aftereffect of X rays on the process of mutation [with summary in English]. K. V. Vatti. Issl. po gen. no. 1:12-18 '61.

Leucocyte reaction and immunological indices in rabbits in response to the action of X-rays. T. G. Starkova and others. Med. rad. no. 7:87-88 '61.

Significance of fat reserves of the cell for its reactivation after radiation injury. V. M. Alekseeva, M. N. Meisel'. Dokl. AN SSSR 142 no. 3:699-701 Ja '62.

State of ascorbic acid metabolism under the action of X-rays on the body. Z. IA. Dolgova. Med. rad. no. 1: 67-70 '62.

X RAYS—THERAPEUTIC USE

Effect of X-ray irradiation on the development of an intracosseous transplanted tumor of the lot strain. R. D. Nikitenko, L. A. Baran. Vrach. delo no. 12;23-26 D '61.

Functional changes in the myocardium during X-ray treatment of cancer of the female genitalia and breast [with summary in English]. M. M. Nivinskaia, K. P. Buteiko. Med rad. no. 7 14-18 '61

Ruderman, A. I., and M. Sh. Vainberg. [Physical principles of teletherapy using X-rays and gamma rays; static and moving irradiation] Fizicheskie osnovy distantsionnoi rentgeno- i gammaterapii, staticheskoe i podvizhnoe obluchenie. Moskva, Medgiz, 1961 243 p. (DNLM)

X-ray treatment of malignant tumors of the mediastinum with the aid of a lead grid. O. F. Koroleva. Med. rad. no. 6;3-10 '61.

X RAYS IN DENTISTRY see Teeth—Radiography

XEROGRAPHY

Some improvements of the manufacturing technology and betterment of the quality of electrophotographic layers. K. A. Ramaznov. Zhur. nauch. i prikl fot i kin. 6 no. 6.430-447 N-D '61.

XIPHOID PROCESS—HERNIA

Hernia of the xiphoid process. R. I. Zhitniuk, I. S. Shemiakin. Vest. khir. no. 1;41 '62

XYLENE

Separation of paraxylene from a mixture of xylenes. N. I. Chernozhukov, M. I Fal'kovich, E. S. Gervits. Khim. i tekh. topl. i masel 7 no. 1-19-24 Ja '62.

XYLENOL

High-frequency titration. Determination of 1, 2, 4- and 1, 2, 5-xylenol isomers. B. P. Ershov, V. L. Pokrovskaia, S. P. Dvuglov. Plast. massy no. 10 58-60 '61.

YAKH-SU VALLEY—GEOCHEMISTRY

Some problems in the geochemistry of the Yakh-Su Depression. V V. Bogatyrev. Izv. Otd. geol. -khim. i tekh. nauk AN Tadzh. SSR no. 2;35-47 '61.

YAKHROMA VALLEY—ALLUVIAL LANDS

Korablium, A. E. [Golden floodlands' notes on the reclamation of the Yakhroma Valley swamps] Zolotaia poima; zametki ob osvoenii IAkhromskoi poimy. [Moskva] Mosk. rabochii, 1961. 82 p.

YAKHROMA VALLEY—PEAT SOILS

Skrynnikova, L. N. [Soil processes in cultivated peat lands; as exemplified by the cultivated ashy peat soils in the Yakhroma River Valley] Pochvennye protsessy v okul'turennykh torfianykh pochvakh; na primere issledovaniia okul'turennykh mnogozol'nykh torfianykh pochv doliny r. IAkhromy. Moskva, Izd-vo Akad. nauk SSSR, 1961. 246 p.

YAKUTIA—ECONOMIC GEOGRAPHY

Yakutia. F. V. D'iakonov. Geog. v shkole 25 no. 1;10-26 Ja-F '62.

YAKUTIA—EROSION

Area of large-scale erosion and thermokarst. A. N. Tolstov. Probl. Sev. no. 4;151-156 '61.

YAKUTIA—WINTER

January in South Yakutia. V. R. Alekseev. Priroda 51 no. 1;125 Ja '62.

YAMAL-NENETS NATIONAL AREA—MAMMALS

Ways of adaptation to sub-Arctic conditions in terrestrial vertebrates (chiefly mammals). S. S. Shvarts. Probl. Sev. no. 4;75-94 '61.

YANA RIVER—HYDROLOGY

Hydrological reconnaissance of the mouth of the Yana River in 1960. V. S. Antonov. Probl. Arkt. i Antarkt. no. 9;102-104 '61.

YANGI-ARYK DISTRICT—AGRICULTURAL EXPERIMENT STATIONS

On the shores of Amu Darya. Nar. khoz. Uzb. 3 no. 8;56 Ag '61.

YANGI-YUL' DISTRICT—COTTON GROWING

Ariykov, Abdulla, and G. L. TSoi. [Reliable beacon of cotton growers; Stalin Collective Farm, YAngi-YUl' District, Tashkent Province] Nadezhnyi mayak khlopkorobov; kolkhoz imeni Stalina, Anguiul'skogo raiona, Tashkenskoi oblasti. Tashkent, Gos. izd-vo UzSSR, 1961. 31 p. Vystavka dostizhenii narodnogo khoziaistva SSSR)
(DA)

Sharakhmedov, A. [Green light to cotton; from the experience of the Khrushchev Collective Farm, Yangi-Yul' District, Tashkent Province] Khlopku - zelenuiu ulitsu; iz opyta kolkhoza imeni Khrushcheva IAnguiul'skogo raiona Tashkentskoi oblasti. Tashkent, Gos. izd-vo UzSSR, 1961. 45 p. (Vystavka dostizhanii narodnogo khoziaistva SSSR)
(DA)

YARN—TESTING

Electric extensometer unit for testing the mechanical properties of yarn subjected to tension A. V. Matukonis. Izv. vys. ucheb. zav. ,tekh. tekst. prom no. 6;16-21 '61.

YAROSLAVL—ELECTRIC POWER PLANTS—HEATING AND VENTILATION

Temporary supply of steam heat to the construction site of the Yaroslavl Thermal Electric Plant No 3 A. N. Antipin Energ stroi no 20;147-149 '61.

YAROSLAVL—MUSIC

Yaroslavl impressions. G. Troitskaia. Sov. muz. 25 no. 8;106-110 Ag '61.

YAROSLAVL—TIRE FABRICS

Impregnation and rubberizing of cord at the Yaroslavl Tire Factory I. Z. Lisogurskii and others. Kauch. i rez. 20 no. 11;55-57 N '61.

YAROSLAVL—TIRES, RUBBER

Shrinkage of treads. A. D. Panichev and others. Kauch. i rez. 20 no. 12;48-49 D '61.

YAROSLAVL PROVINCE—BAKERS AND BAKERIES

Scientific and technical conference of the workers of the baking industry of Yaroslavl Province. V F. Shilova Khleb. i kond. prom 5 no. 12-41 D '61.

YEAST

Antagonistic properties of brewer's yeast. A. M. Kormushkina. Izv. vys. ucheb zav. , pishch tekh. no 5-71-75 '61

Cytoplasmic instability of interspecific yeast hybrids (Saccharomyces globosus x Saccharomyces cerevisiae) [with summary in English]. I. A. Zakharov. Issl. po gen. no 1,38-47 '61.

Protein hunters. V. Elagin. IUn. nat. no. 12;8-10 D '61.

Significance of fat reserves of the cell for its reactivation after radiation injury. V. M. Alekseeva, M. N. Meisel'. Dokl. AN SSSR 142 no. 3,699-701 Ja '62.

Using fermentation preparation from Aspergillus awamori for preparing mash for liquid yeasts. G. M. Smirnova, L. A. Egorova, V. I. Kalinina. Khleb i kond. prom. 5 no 12.5-7 D '61.

YEAST—CONGRESSES

Soveshchanie rabotnikov drozhzhevoi promyshlennosti RSFSR, Moscow, 1958. [Conference of workers of the yeast industry of the R.S.F.S.R.] Materialy. Moskva, 1959. 49 p.
[MICROFILM]

YEFREMOV (TULA PROVINCE)—TEACHERS, TRAINING OF

Difficult beginning. IU. Liakhovskaia. Doshk. vosp. 35 no. 1;31-34 Ja '62

YEGOR'YEVSK—TEXTILE INDUSTRY—TECHNOLOGICAL INNOVATIONS

Growing activity of efficiency promoters. N. M. Dmitriev. Tekst. prom 21 no. 5-88 My '61.

YELLOW RIVER VALLEY—GEOMORPHOLOGY

Origin of the Hwang-Ho River great curve. V. G. Lebedev. Izv. Vses. geog. ob-va 93 no. 6;518-522 N-D '61.

YEN FU, 1853-1921

"Biography of Yen Fu" by Wang Shih. Reviewed by V. A. Rubin. Sovr. kit. lit. po obshchestv. naukam no. 44;33-45 '61.

YENAKIYEVO—COKE INDUSTRY

Period of basic reorganization. Koks i khim. no. 10;69-70 O '61.

YENISEY VALLEY—ZOOLOGY

Birds and mammals of the Yenisey forest tundra and the effect of economic activities of man on them. E. E. Syroechkovskii, E. V. Rogacheva. Probl. Sev. no. 4;95-107 '61.

YEREVAN see Erivan

YESSENTUKI—DIABETES

Treatment of children with diabetes mellitus at the Yessentuki "IUnost" Sanatorium [with summary in English]. A. I. El'tsov, E. A. Neiland, E. N. Kolesnikova. Vop. okh. mat. i det. 6 no. 8;26-28 Ag '61.

YOUNG COMMUNIST LEAGUE see Communist Youth League

YOUNG-TURKISH PARTY

Pan-Turkism and Pan-Islamism of the Young Turks, 1908-1918. IU. V. Marunov. Krat. soob. Inst. nar. Azii no. 45;38-56 '61.

Policy of the Young Turks on the nationalities problem, 1908-1912. IU. V. Marunov. Krat. soob. Inst. nar. Azii no. 30,161-172 '61.

YOUTH

Burg, David[Opposition trends among Soviet youth in the years following "the thaw"; [with summary in English] Oppozitsionnye nastroeniia molodezhi v gody posle "ottepeli." Miunkhen, 1960. 64 p. (Institut zur Erforschung der UdSSR. Issledovaniia i materialy, Ser. 1, no. 62)

"The explosive generation." B. IAroshevskii. Mol. komm. no. 7;108-112 Jl '61.

Let's prepare the young people to defend their country. A Grechko. Mol. komm. no. 10;32-37 O '61

Obraztsova, L. IU. [Look for the good in man] Ishchi v cheloveke khoroshee. [Leningrad] Lenizdat, 1961. 65 p. (Vospitaem cheloveka budushchego)

Problems disturbing the young people . B. Leont'ev. Mol. komm. no. 7-10-21 Jl '61.

YOUTH—CONGRESSES

They approve the ideas of the World Youth Forum. S. S. Sokkhei and others. Mol. komm. no. 7-44-47 Jl '61.

World Youth Forum in Moscow. V. Shevchenko. Mol. komm no. 7;22-32 Jl '61.

World youth parliament. Mol. komm. no. 7 47-48 Jl '61.

YOUTH MOVEMENT see subdivision under Japan

YTTERBIUM

Forbidden E1 transitions in Tb^{159} and Yb^{173} [with summary in English]. G. A. Vartapetian, Z. A. Petrosian, A. G. Khudaverdian. Zhur. eksp. i teor fiz 41 no. 6; 1704-1709 D '61.

YUCCA

It so happens that.... A. Biulov, V. Krivoshein. IUn. nat. no. 1;26-27 Ja '62.

YUGOSLAV LITERATURE—HISTORY AND CRITICISM

On a false path. V. M. Nikolin, E. I. Riabova. Lit. slav. nar. no. 6;3-39 '61.

YUGOSLAVIA—BIBLIOGRAPHY

[New literature on Yugoslavia.] Nov. lit. po IUg no. 11 '61.

ZADORNOV, NIKOLAI PAVLOVICH

"Roads of history; on the works of N. P. Zadornov" by Mikhail Zorin. Reviewed by S. Rassadin Vop. lit 5 no. 7.207-210 Jl '61.

ZADOROZHNYI, VALENTYN

V. Zadorozhnyi's "Appassionata." Ihor Verba. Mystetstvo 8 no. 6;28-29 N-D '61.

ZAGORSK—CORRESPONDENCE SCHOOLS AND COURSES

Our agricultural correspondence school. R. I. Kaganova. Sred. spets. obr. 9 no. 1;43-50 Ja '62

ZAILIYSKIY ALA-TAU see Trans-Ili Ala-Tau

ZAKHAROV, ANDREIAN DMITRIEVICH, 1761-1811

The outstanding Russian architect A. D. Zakharov. A. I. Vlasiuk. Izv. ASiA no. 2-131-133 '61.

ZAKHAROV, VASILII

Skill and inspiration combined. A. Itigin. Neva no. 6; 168-171 '61.

ZAPOROZH'YE—ALUMINUM FOUNDING

Machine for operating tops in ore-melting furnaces. S. G. Gritsenko. Bezop. truda v prom. 5 no. 12-32 D '61.

ZAPOROZH'YE—COAL PREPARATION

Expansio
shops o
A. G. Be
21-22 J

ZAPOROZI
Main sme
'62.

ZAPOROZI
Experime
roll sta
rolling
nikov, I
4 no. 1

ZAPOROZI
Working
23 no. 1

ZAPOROZ
Kissin, B
output o
rozhstal
aglomer
Moskva,
tsvetnoi

ZAPOROZH'YE PROVINCE—POLITICS AND GOVERNMENT
Experience in drawing the Soviet public into the work of the local soviets of workers' deputies. F Mokrous Rad. pravo no. 4;11-15 Jl-Ag '61.

ZAPOROZH'YE PROVINCE—RADIOLOGISTS
Activity of the Zaporozh'ye Province Scientific Society of Roentgenologists and Radiologists R IA Gasul' Vest. rent i rad 36 no 5 77-78 S-O '61

ZARITSKII, LEONID ANDREEVICH, 1901-
Professor Leonid Andreevich Zaritskii, on his 60th birthday Zhur ush , nos i gorl. bol. 21 no 5 89-90 S-O '61

ZAVADSKII, IURII ALEKSANDROVICH, 1894-
IUrii Zavadskii. N. Abaikin. Teatr 23 no. 1;64-66 Ja '62

ZEBUS see subdivision under Azerbaijan

ZECCHI, CARLO, 1903-
This will be long remembered. G. K. Sov. muz. 25 no. 8;89-91 Ag '61

ZEGHERS, GERARD, 1591-1651
Early works of Gerard Zeghers. M. Shcherbacheva. Soob. Gos. Erm. no. 20;23-26 '61.

ZEMSTVO
Law of July 12, 1889, concerning zemstvo officials. P. A. Zaionchkovskii. Nauch dokl. vys. shkoly; ist. nauki no. 2: 42-72 '61.

ZEOLITES
Synthesis of some forms of molecular sieves. G. V. TSitsishvili and others. Soob. AN Gruz. SSR 27 no. 4: 405-410 O '61.

ZERAVSHAN VALLEY—SHALE
Stratigraphy of the calcareous shale formation of the eastern part of the Zeravshan-Gissar Range A. I. Lavrusevich, D. R. Muchaidze. Izv. Otd. geol -khim i tekh. nauk AN Tadzh. SSR 1;61-67 '60

ZEROMSKI, STEFAN, 1864-1925
Turgenev's "Sportsman's sketches" and the early stories of Zeromski. G. A. Gudimova. Lit. slav. nar. no 8: 207-217 '61

Vitt, V. V. [Stefan Zeromskii] Stefan Zheromskii. Moskva, Izd-vo Akad. nauk SSSR, 1961. 343 p.

ZHELIABOV, ANDREI IVANOVICH, 1850-1881
"Zheliabov" by V. Prokof'ev. Reviewed by V. Tvardovskaia Neva no. 12 200-202 '61.

ZEMCHUZHNIKOV, EVGENII ALEKSANDROVICH, 1890-1958
In memory of E A Zhemchuzhnikov, obituary. G. V Grigor'ev Trudy Karag. bot sada 1,129-130 '60

ZHIGALOV, SERGEI FILIPPOVICH, 1901-
Scientist, engineer, inventor. Sakh. prom. 35 no. 12: 47 D '61.

ZHODINO—DUMP TRUCKS
They make giant dump trucks here. M. Kaval'. Belarus' 19 no 1;4-5 Ja '62

ZILYNS'KYI, IVAN, 1879-1952
Kysilevs'kyi, K. Ivan Zilyns'kyi. Winnipeg, Nakladom Ukrains'koi Vil'noi Akad. nauk, 1962, 48 p. (Ukrains'ka Vil'na Akademiia nauk. Serila: Ukrains'ki vcheni, no. 11)

ZINC
Use of structural etching for identifying some oxidated zinc minerals S A. IUshko, I. T. Aleksandrova. Trudy MGRI 37 103-110 '61

ZINC—CORROSION
Zinc corrosion in solutions of sulfuric acid and a zinc electrolyte in the presence of antimony and cobalt impurities K N Kovalenko, IU P. Ivanova, S. P. Vorob'eva Uch. zap. RGU 41 27-38 '58

ZINC BENZOATE
Polarographic analysis of commercial zinc benzoate. L. Kh. Rud', S IA. Skachilova, K V. Kopylova. Zav. lab. 27 no. 12 1454 '61.

ZINC-BERYLLIUM ALLOYS see Beryllium-zinc alloys

ZINC BLENDE see Sphalerite

ZINC COMPOUNDS
Interaction between a mixture of water soluble and insoluble compounds of cadmium and zinc and sodium thiosulfate. I. V. Riskin, T. V. Rogova. Zhur. prikl. khim. 35 no. 1: 18-26 Ja '62.

ZINC-COPPER ALLOYS see Copper-zinc alloys

ZINC ELECTRODES see Electrodes, Zinc

ZINC FERRATE
Studying the reduction of zinc ferrates. V. D. Kazoleva, F. M Loskutov. Izv. vys. ucheb. zav., tsvet. met. 4 no. 3 57-66 '61

ZINC IN THE BODY
Zinc content of blood in children of nursery age. V. A. Leonov, M. M. Korobenkova. Dokl. AN BSSR 5 no. 11: 515-516 N '61

ZINC INDUSTRY see subdivision under Almalyk

ZINC OXIDE
Alfimenko, V. P., and others. [Energy spectrum of the resonance absorption of γ-radiation from 92 Kev. Zn^{67} in zinc oxide] Energeticheskii spektr rezonansnogo pogloshcheniia γ-izluchenila 92 Kev Zn^{67} v okisi tsinka. Dubna, Ob'edinennyi in-t iadernykh issl., 1961. 16 p. [With summary in English]

ZINC STANNATE
Synthesis of zinc stannates. Kh. S. Valeev, E. I. Medvedkovskaia, S. D. Notkina. Trudy GIEKI no. 4: 80-86 '60.

ZINC-TIN ALLOYS
Electrodeposition of a zinc-tin alloy from pyrophosphate electrolytes. E. A. Prandetskaia, L. P. Nosova. Izv vys ucheb. zav , tsvet. met 4 no. 3 136-139 '61.

ZINKENITE see subdivision under Gissar Range

ZINOVIIEV, KLYMENTII
Works of Klymentii Zinoviiev. V. P. Kolosova. Rad. lit. 5 no 4: 80-91 Jl-Ag '61

ZIRCONIUM
Separation of zirconium and hafnium in the extraction of their nitrates V. M. Kolikov, A. P. Perovskii Zhur. prikl khim 34 no. 12, 2605-2609 D '61

ZIRCONIUM—CORROSION
Zirconium resistance to corrosion in distilled water at 85°. V. V Gerasimov, A I Gromova, E. T. Shapovalov. Zhur prikl khim. 34 no 11 2473-2477 N '61

ZIRCONOMOLYBDATES
Addition products of some organic bases to zirconomolybdic heteropolyacid. Z. V. Shakhova, E. N. Semenovskaia, E. N. Timofeeva. Vest. Mosk un. Ser 2, Khim. 17 no. 1: 55-59 Ja-F '62.

ZONING, ECONOMIC see Economic zoning

ZOOGEOGRAPHY
Bobrinskii, N. A., and N. A. Gladkov. [Zoogeography; textbook for students of the departments of natural sciences and geography in teachers' institutes] Geografiia zhivotnykh (kurs zoogeografii), posobie dlia studentov estestvenno-geograficheskikh fakul'tetov pedagogicheskikh institutov. Izd. 2., peror. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 285 p.

ZOOLOGY
(see also subdivision under Yenisey Valley)
Plavil'shchikov, N. N. [Zoology; a textbook for teachers' institutes] Zoologiia, uchebnik dlia pedagogicheskikh uchilishch. Izd. 4. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 245 p.

ZOOLOGY—JUVENILE LITERATURE
"On the track of unknown animals" by B. Elvelmanse. Book review. IUn nat. no. 12;36 D '61.

ZOOLOGY—STUDY AND TEACHING
Independent work of students in zoology classes. L. G. Lavinskii. Biol. v shkole no. 1: 33-36 Ja-F '62.

ZOOLOGY, ECONOMIC see subdivision under Rumania

ZOONOSES
Significance of epidemiological data in diagnosing some zooinfections M N. Poberezkin, A. N. Suzdal'tsev Sov. med 26 no. 7;122-124 Jl '61

ZOOPLANKTON see subdivision under Pacific Ocean; Simferopol Reservoir

ZULUS see subdivision under South Africa, Republic of

ZURBARAN, FRANCISCO, b. 1598
Prototype of F. Zurbaran's painting "St. Lawrence," I. Levina Soob. Gos. Erm. no. 20;20-22 '61.

ZYRYANOVSK DISTRICT—MINE VENTILATION
Study of the operation of fans of the main ventilation system. V. R. Klinko, P. Ch. Chulakov, M. P. Zub. Izv. vys. ucheb. zav. igor. zhur no. 11;119-123 '61.

Monthly Index *of* Russian Accessions

Volume 15, No. 2 May 1962

THE LIBRARY OF CONGRESS
WASHINGTON : 1962

INTRODUCTORY NOTE

The MONTHLY INDEX OF RUSSIAN ACCESSIONS* is a record of the publications in the Russian language issued in and outside the Soviet Union that are currently received by the Library of Congress and a group of cooperating libraries. Whenever possible, publications printed in other languages spoken in the Soviet Union are also included.

The MONTHLY INDEX consists of three parts. Part A lists monographic literature, but no accessions published earlier than 1945 are included. To facilitate the use of this INDEX by readers who are not thoroughly familiar with the Russian language, the title in the original language in Part A is preceded by its English translation in brackets.

Part B lists Russian periodicals received, but excludes accessions printed earlier than 1947. Certain Soviet periodicals are being translated into English from cover to cover and published regularly in translation in the United States and other English-speaking countries. A list of such translated periodicals, their publishers, subscription prices, etc., is given at the end of each issue of the *Monthly Index*. In Part B such periodicals are indicated by an asterisk before the periodical title.

Part C provides subject analysis of the monographic titles listed in Part A and of the articles appearing in the periodicals enumerated in the *List of Periodicals Indexed and Abbreviations Used* at the beginning of Part C. The number and letter in parentheses following each abbreviation indicate the class and subclass in which the periodical appears in Part B. For the convenience of readers desiring to examine only monographs or periodical articles, the monographs are printed in slightly heavier type than the periodical articles. The titles of monographs are given both in the original language and in English translation, whereas titles of periodical articles are given in English translation only.

Sample title: Electric action of the brain in glaucoma. L.S.Levina, G.M.Neishtadt. Vest.oft. 30 no.5:8-12 S-O '51.

Explanation: An article with title given above in English translation, written by L. S. Levina and G. M. Neishtadt, will be found in the September–October 1951 issue of *Vestnik oftalmologii*, vol. 30, no. 5, pages 8–12.

A cumulative list of periodicals included in the current volume appears in number 12 of that volume. This list is arranged by subject; the symbols of American libraries other than the Library of Congress, known to have files of such periodicals, follow each title.

Except in Part C, the material is divided into 17 subject classes and is arranged alphabetically within each class. In addition, for the convenience of the reader, the serials listed in Part B are divided within each subject class into several subclasses. All entries are transliterated according to the usual Library of Congress system except that ligatures are omitted. Unless otherwise indicated, all listed items are represented in the collections of the Library of Congress. Symbols representing other libraries indicate when items are available in those libraries. Curves ( ) around a symbol indicate that at the time of receipt the material was available in another library but not in the Library of Congress.

Cumulative author, subject, and periodical location indexes to the first four volumes of the MONTHLY INDEX are available as separate publications. Beginning with Volume 5, an author index to the monographs, and a periodical location index for the entire volume are furnished as appendices to the first two issues of the following volume.

Orders for microfilm or photostat copies of the listed items that are in the collections of the Library of Congress may be placed with the Photoduplication Service, Library of Congress, Washington 25, D. C.

The MONTHLY INDEX OF RUSSIAN ACCESSIONS is for sale by the Superintendent of Documents, U. S. Government Printing Office, Washington 25, D. C.

Price of single copies varies; subscription price, $12.00 a year domestic, $16.00 a year foreign. Price of Cumulative Index to Volumes 1–3, $1.50; to Volume 4, $0.60.

L. C. card, 48-46562

*Volumes 1–10 (No. 9), 1948–1957, issued under title *Monthly List of Russian Accessions.*

SYMBOLS OF LIBRARIES REPORTING RECEIPT OF PUBLICATIONS

AAP	Auburn University, Auburn, Ala.
AMAU	Air University Library, Maxwell Air Force Base, Montgomery, Ala.
AU	University of Alabama, University
AzU	University of Arizona, Tucson
C	California State Library, Sacramento
CCC	Claremont College, Claremont, Calif.
CCH	Honnold Library, Claremont, Calif.
CCP	Pomona College, Claremont, Calif.
CFS	Fresno State College, Fresno, Calif.
CL	Los Angeles Public Library
CLCM	Los Angeles County Museum Library, Los Angeles
CLL	Los Angeles County Law Library, Los Angeles
CLM	Los Angeles County Medical Association, Los Angeles
CLSU	University of Southern California, Los Angeles
CLU	University of California at Los Angeles
CMthL	University of California, Lick Observatory, Mount Hamilton
CPT	California Institute of Technology, Pasadena
CSf	San Francisco Public Library
CSfA	California Academy of Sciences, San Francisco
CSfU	University of San Francisco, San Francisco
CSmH	Henry E. Huntington Library, San Marino, Calif.
CSt	Stanford College Libraries, Stanford, Calif.
CSt-H	— The Hoover Institution on War, Revolution, and Peace
CSt-L	— Lane Medical Library
CStbS	University of California, Santa Barbara Library, Goleta
CStmoR	Rand Corporation, Santa Monica, Calif.
CU	University of California, Berkeley
CU-A	— University of California, Davis
CU-B	— Bancroft Library, Berkeley
CU-E	— East Asiatic Library, Berkeley
CU-M	— Medical Center, San Francisco
CU-Riv	— College of Arts, Letters and Science, Riverside
CU-S	— Scripps Institution of Oceanography, La Jolla
CaAEU	University of Alberta, Edmonton, Canada
CaBVa	Vancouver Public Library, Vancouver, Canada
CaBVaU	University of British Columbia, Vancouver, Canada
CaBViPA	Provincial Archives, Victoria, Canada
CaMWM	Manitoba Medical College, Winnipeg, Canada
CaOKQ	Queen's University, Kingston, Canada
CaOL	London Public Library, London, Canada
CaOOA	Public Archives Library, Ottawa, Canada
CaOOAg	Department of Agriculture, Main Library, Ottawa, Canada
CaOLU	University of Western Ontario, London, Canada
CaOOG	Geological Survey of Canada, Ottawa, Canada
CaOOGB	Geographical Bureau Library, Ottawa, Canada
CaOOH	Laboratory of Hygiene, Ottawa, Canada
CaOON	National Research Council, Ottawa, Canada
CaOONM	National Museum, Ottawa, Canada
CaOOS	Dominion Bureau of Statistics, Ottawa, Canada
CaOOU	University of Ottawa, Ottawa, Canada
CaOTM	Library, Meteorological Branch, Air Services, Dept. of Transport, Toronto, Canada
CaOTR	Royal Canadian Institute, Toronto. (Collection included with CaOTU)
CaOTU	University of Toronto, Toronto, Canada
CaQMAI	Arctic Institute of North America, Montreal, Canada
CaQMBM	Bibliotheque Municipale, Montreal, Canada
CaQMM	McGill University, Montreal, Canada
CaQMMM	— Medical Library
CaQMU	University of Montreal, Montreal, Canada
CaSSU	University of Saskatchewan, Saskatoon, Canada
CoBBS	U. S. National Bureau of Standards, Boulder Laboratories, Colorado
CoD	Denver Public Library
CoDM	Medical Society of the City and County of Denver
CoFS	Colorado State University, Fort Collins
CoU	University of Colorado, Boulder
CtHT	Trinity College, Hartford, Conn.
CtW	Wesleyan University, Middletown, Conn.
CtY	Yale University, New Haven
CtY-L	— Law Library
CtY-M	— Medical School Library
DA	U. S. Department of Agriculture Library
DAIA	American Institute of Architects Library, Washington, D. C.
DAL	U. S. Army Library, Pentagon Building
DBC	U. S. Bureau of the Census Library
DBS	U. S. Bureau of Standards Library
DC	U. S. Department of Commerce Library
DCU	Catholic University of America Library, Washington, D. C.
DDC	Dominican House of Studies, Immaculate Conception Convent Library, Washington, D. C.
DDO	Dumbarton Oaks Research Library of Harvard University, Washington, D. C.
DFR	Board of Governors of the Federal Reserve System
DI	U. S. Department of the Interior Library
DI-GS	— Geological Survey Library
DM	U. S. Bureau of Mines Library. (Library integrated with DI)
DN	U. S. Department of the Navy Library
DN-HO	— Hydrographic Office Library
DN-Ob	— Naval Observatory Library
DN-RL	Naval Research Laboratory Library, Anacostia Station, Washington, D. C.
DNIH	National Institutes of Health Library, Bethesda, Md.
DNLM	U. S. National Library of Medicine
DNW	U. S. National War College Library, Fort McNair
DP	U. S. Patent Office Library
DS	U. S. Department of State Library
DSC	Scottish Rite Supreme Council Library
DSI	Smithsonian Institution Library, Washington, D. C.
DSI-AO	— Astrophysical Laboratory Library
DSI-E	— Bureau of American Ethnology Library
DSI-M	— National Museum Library
DWB	U. S. Weather Bureau Library
DeU	University of Delaware, Newark
FMU	University of Miami, Coral Gables, Fla.
FTaSU	Florida State University, Tallahassee
FU	University of Florida, Gainesville
GAT	Georgia Institute of Technology, Atlanta
GEU	Emory University, Atlanta
GU	University of Georgia, Athens
I	Illinois State Library, Springfield
IArg	Argonne National Laboratory, Argonne, Ill.
ICA	Art Institute of Chicago, Chicago
ICAC	American College of Surgeons Library, Chicago
ICF	Chicago Natural History Museum, Chicago
ICJ	John Crerar Library, Chicago
ICMILC	Midwest Inter-Library Center, Chicago
ICN	Newberry Library, Chicago
ICU	University of Chicago, Chicago
ICU-Y	Yerkes Observatory, Williams Bay, Wis.
ICarbS	Southern Illinois University, Carbondale
IEN	Northwestern University, Evanston, Ill.
IHi	Illinois State Historical Library, Springfield
IU	University of Illinois, Urbana
IaAS	Iowa State University of Science and Technology, Ames
IaU	State University of Iowa, Iowa City
IdNTS	National Reactor Testing Station, Technical Library, Phillips Petroleum Company, Idaho Falls, Idaho
In	Indiana State Library, Indianapolis

InIA	Indiana Academy of Science Library, Indianapolis
InLP	Purdue University, Lafayette, Ind.
InNd	University of Notre Dame, Notre Dame, Ind.
InU	Indiana University, Bloomington
KAS	St. Benedict's College, Atchison, Kan.
KMK	Kansas State University, Manhattan
KU	University of Kansas, Lawrence
KU-L	— School of Law Library
KU-M	— Medical Center Library, Kansas City
KyU	University of Kentucky, Lexington
LNHT	Howard-Tilton Memorial Library of Tulane University, New Orleans, La.
LU	Louisiana State University, Baton Rouge
MA	Amherst College, Amherst, Mass.
MB	Boston Public Library
MBAt	Boston Athenaeum, Boston
MBM	Boston Medical Library, Boston
MBN	Boston Society of Natural History, Boston
MBU	Boston University
MBdAF	U. S. Air Force Cambridge Research Center, Bedford, Mass.
MCM	Massachusetts Institute of Technology, Cambridge, Mass.
MH	Harvard University, Cambridge, Mass.
MH-A	— Arnold Arboretum, Jamaica Plain
MH-AH	— Andover-Harvard Theological Seminary Library
MH-BH	— Blue Hill Meteorological Observatory, Milton, Mass.
MH-BL	— Biological Laboratories Library
MH-C	— Chemistry Library
MH-F	— Farlow Reference Library
MH-FA	— Fogg Art Museum Library
MH-G	— Gary Herbarium Library
MH-GM	— Gordon McKay Library
MH-HY	— Harvard-Yenching Institute (Chinese-Japanese Library)
MH-L	— Law School Library
MH-M	— Schools of Medicine, Public Health and Dental Medicine, Boston
MH-Mi	— Mineralogical Library
MH-O	— Astronomical Observatory, the Phillips Library
MH-P	— Peabody Museum Library
MH-PR	— Physics Research Library
MH-SD	— Graduate School of Design Library
MH-Z	— Museum of Comparative Zoology Library
MMeT	Tufts University, Medford, Mass.
MNS	Smith College, Northampton, Mass.
MWelC	Wellesley College, Wellesley, Mass.
MWhB	Marine Biological Laboratory, Woods Hole, Mass.
MdAN	U. S. Naval Academy, Annapolis
MdBJ	Johns Hopkins University, Baltimore
MdBWA	Walters Art Gallery, Baltimore
MeB	Bowdoin College, Brunswick, Maine
MeWC	Colby College, Waterville, Maine
MiD	Detroit Public Library
MiDA	Detroit Institute of Arts
MiDW	Wayne State University, Detroit
MiEM	Michigan State University, East Lansing
MiMidD	Dow Chemical Company, Midland, Mich.
MiU	University of Michigan, Ann Arbor
MiU-C	— William L. Clements Library
MiU-L	— Law Library
MnSJ	James Jerome Hill Reference Library, St. Paul
MnU	University of Minnesota, Minneapolis
MnU-B	— Bio-Medical Library
MnU-L	— Law Library
MoFC	Central College, Fayette, Mo.
MoKL	Linda Hall Library, Kansas City
MoRM	University of Missouri School of Mines and Metallurgy, Rolla
MoS	St. Louis Public Library
MoSB	Missouri Botanical Garden, St. Louis
MoSU	St. Louis University, St. Louis
MoSW	Washington University, St. Louis
MoU	University of Missouri, Columbia
MsSM	Mississippi State University, State College
MsU	University of Mississippi, Oxford
MtBC	Montana State College, Bozeman
MtU	Montana State University, Missoula
N	New York State Library, Albany
NB	Brooklyn Public Library
NBC	Brooklyn College, Brooklyn
NBG	Brooklyn Botanic Garden, Brooklyn
NBM	Medical Society of the County of Kings and Academy of Medicine of Brooklyn Library, Brooklyn
NBSU-M	State University of New York, College of Medicine Downstate Medical Center Library, Brooklyn
NBuB	Buffalo Society of Natural Sciences, Buffalo
NCH	Hamilton College, Clinton, N. Y.
NCorniC	Corning Glass Works Library, Corning, N. Y.
NCsC	Carnegie Institution, Department of Genetics, Cold Spring Harbor, N. Y.
NIC	Cornell University, Ithaca, N. Y.
NIC-A	— State Colleges of Agriculture and Home Economics
NN	New York Public Library
NNA	American Geographical Society, New York
NNBG	New York Botanical Garden, Bronx Park, New York
NNC	Columbia University, New York
NNC-L	— Law Library
NNC-M	— Medical Library
NNC-T	— Teachers College Library
NNCC	Chemists' Club, New York
NNCoCi	College of the City of New York, New York
NNCorM	Cornell University Medical College Library, New York
NNE	Engineering Societies Library, New York
NNF	Fordham University, New York
NNIS	Library for Intercultural Studies, New York
NNJ	Jewish Theological Seminary of America, New York
NNM	American Museum of Natural History, New York
NNMM	Metropolitan Museum of Art Library, New York
NNNAM	New York Academy of Medicine, New York
NNPH-O	Institute of Ophthalmology, Presbyterian Hospital, New York
NNR	Russell Sage Foundation, College of the City of New York
NNRI	Rockefeller Institute for Medical Research, New York
NNU	New York University Libraries, New York
NNU-H	— University Heights Library
NNU-W	— Washington Square Library
NNUN	United Nations Library, New York
NPV	Vassar College, Poughkeepsie, N. Y.
NRE	Eastman Kodak Company, Rochester, N. Y.
NRU	University of Rochester, Rochester, N. Y.
NSyU	Syracuse University, Syracuse, N. Y.
NUpB	U. S. Brookhaven National Laboratory, Upton, N. Y.
NYBT	Boyce Thompson Institute for Plant Research, Yonkers, N. Y.
NbU	University of Nebraska, Lincoln
NcD	Duke University, Durham, N. C.
NcGW	Woman's College of the University of North Carolina, Greensboro
NcRS	North Carolina State College of Agriculture and Engineering, Raleigh
NcU	University of North Carolina, Chapel Hill
NdU	University of North Dakota, Grand Forks
Nh	New Hampshire State Library, Concord
NhD	Dartmouth College, Hanover, N. H.
NjI	Irvington Free Public Library, Irvington, N. J.
NjMuB	Bell Telephone Laboratories, Murray Hill, N. J.

NjN	Newark Public Library, Newark, N. J.
NjP	Princeton University, Princeton, N. J.
NjR	Rutgers University, New Brunswick, N. J.
O	Ohio State Library, Columbus
OCH	Hebrew Union College, Cincinnati
OCLloyd	Lloyd Library and Museum, Cincinnati
OCU	University of Cincinnati, Cincinnati
OCl	Cleveland Public Library
OClBHS	Benedictine High School, Cleveland
OClJC	John Carroll University, Cleveland
OClM	Cleveland Medical Library
OClMA	Cleveland Museum of Art
OClW	Western Reserve University, Cleveland
OCoB	Battelle Memorial Institute, Columbus
ODW	Ohio Wesleyan University, Delaware, Ohio
OHi	Ohio State Historical Society, Columbus
OO	Oberlin College, Oberlin, Ohio
OOxM	Miami University, Oxford, Ohio
OSte	Carnegie Library, Steubenville, Ohio
OU	Ohio State University, Columbus
OUCA	Chemical Abstracts, Ohio State University, Columbus
OkS	Oklahoma State University, Stillwater
OkU	University of Oklahoma, Norman
OrCS	Oregon State College, Corvallis
OrPR	Reed College, Portland, Ore.
OrU	University of Oregon, Eugene
P	Pennsylvania State Library, Harrisburg
PBL	Lehigh University, Bethlehem, Pa.
PBm	Bryn Mawr College, Bryn Mawr, Pa.
PHC	Haverford College, Haverford, Pa.
PLF	Franklin and Marshall College, Lancaster, Pa.
PP	Free Library of Philadelphia
PPAN	Academy of Natural Sciences, Philadelphia
PPAmP	American Philosophical Society, Philadelphia
PPBC	Philadelphia Bibliographical Center and Union Library Catalogue
PPC	College of Physicians of Philadelphia
PPDrop	Dropsie College for Hebrew and Cognate Learning, Philadelphia
PPF	Franklin Institute, Philadelphia
PPPM	Philadelphia Museum of Art
PPT	Temple University, Philadelphia
PPWI	Wistar Institute of Anatomy and Biology, Philadelphia
PPiCI	Carnegie Institute of Technology, Pittsburgh
PPiU	University of Pittsburgh, Pittsburgh
PRosC	Rosemont College, Rosemont, Pa.
PSC	Swarthmore College, Swarthmore, Pa.
PSt	Pennsylvania State University, University Park
PU	University of Pennsylvania, Philadelphia
PU-BZ	— Botany-Zoology Library
PU-El	— Moore School of Electrical Engineering Library
PU-FA	— School of Fine Arts Library
PU-Math	— Mathematics-Physics Library
PU-Mu	— University Museum Library
PU-Penn	— Penniman Library of Education
PU-Sc	— Towne Scientific School Library
RPB	Brown University, Providence, R. I.
RU	University of Rhode Island, Kingston
TCU	University of Chattanooga, Chattanooga, Tenn.
TNJ	Joint University Libraries (Vanderbilt University, George Peabody College for Teachers, and Scarritt College), Nashville, Tenn.
TONS	Oak Ridge Institute of Nuclear Studies, Oak Ridge, Tenn.
TU	University of Tennessee, Knoxville
TxCM	Agricultural and Mechanical College of Texas, College Station
TxDaM	Southern Methodist University, Dallas
TxHR	Rice Institute, Houston
TxLT	Texas Technological College, Lubbock
TxU	University of Texas, Austin
ULA	Utah State Agricultural College, Logan
ViBlbV	Virginia Polytechnic Institute, Blacksburg
ViU	University of Virginia, Charlottesville
ViU-L	— Law Library
ViW	College of William and Mary, Williamsburg
VtMiM	Middlebury College, Middlebury, Vt.
VtU	University of Vermont and State Agricultural College, Burlington
WHi	State Historical Society of Wisconsin, Madison
WU	University of Wisconsin, Madison
WaU	University of Washington, Seattle
WvU	West Virginia University, Morgantown

MONTHLY INDEX OF RUSSIAN ACCESSIONS

LIBRARY OF CONGRESS—PROCESSING DEPARTMENT

VOLUME 15, NO. 2 MAY 1962

TABLE OF CONTENTS

Part A—Monographic Works

Page

1. General 269
2. Bibliography 269
3. Philosophy & Religion 269
4. History 270
5. Social Sciences 272
6. Political Science 275
7. Law 277
8. Education 277
9. Music, Theater & Motion Pictures 278
10. Fine Arts 279
11. Language, Literature & Folklore 279
12. Geography & Geology 284
13. Science 285
14. Medicine 288
15. Agriculture 289
16. Technology 291
17. Military & Naval Sciences 301

Part B—Periodicals

1. General
   - *a.* Scholarly journals 303
   - *b.* Popular magazines 303
2. Bibliography
   - *a.* Bibliography 304
   - *b.* Libraries & library science 304
   - *c.* Printing & the book trade 304
3. Philosophy & Religion
   - *a.* Philosophy 304
   - *b.* Religion 305
4. History
   - *a.* General 305
   - *b.* Archaeology & antiquities 305
5. Social Sciences
   - *a.* Commerce 305
   - *b.* Economics 305
   - *c.* Finance 305
   - *d.* Labor 305
   - *e.* Sociology 306
6. Political Science 306
7. Law 306
8. Education
   - *a.* General 306
   - *b.* Physical education & games 307

Page

9. Music, Theater & Motion Pictures
   a. Motion pictures ... 307
   b. Music ... 307
   c. Theater ... 307
10. Fine Arts
   a. General ... 307
   b. Architecture ... 307
11. Language, Literature & Folklore
   a. Language ... 307
   b. Literature & folklore ... 308
12. Geography & Geology
   a. Ethnology ... 308
   b. Geography ... 308
   c. Geology & paleontology ... 308
13. Science
   a. General ... 309
   b. Astronomy ... 309
   c. Biology ... 309
   d. Chemistry ... 310
   e. Mathematics ... 310
   f. Physics ... 310
14. Medicine
   a. General ... 310
   b. Gynecology, obstetrics & pediatrics ...
   c. Neurology & psychiatry ... 311
   d. Ophthalmology & otorhinolaryngology ... 311
   e. Pathology & therapeutics ... 311
   f. Pharmacy & materia medica ... 311
   g. Public health & nursing ... 311
   h. Surgery & dentistry ... 311
   i. Venereology & dermatology ... 311
15. Agriculture
   a. General ... 311
   b. Animal industry ... 312
   c. Forestry ... 312
   d. Plant culture ... 312
16. Technology
   a. General ... 312
   b. Aeronautics ... 313
   c. Chemical technology ... 313
   d. Civil & construction engineering ... 313
   e. Electrical engineering ... 314
   f. Industries & trades ... 314
   g. Mechanical engineering ... 314
   h. Mining & metallurgy ... 315
17. Military & Naval Sciences
   a. Military science ... 316
   b. Naval science ... 316

Part C—List of Periodicals Indexed and Abbreviations Used ... 317

Subject Index to Monographs and Periodicals ... 324

Author Index to Monographs Listed in the *Monthly Index of Russian Accessions*, Volume 14, April 1961–March 1962 ... XLIII–XCVIII

Periodicals Available in English Translation Cover-to-Cover.

1. GENERAL

AKADEMIIA PEDAGOGICHESKIKH NAUK RSFSR, Moscow. [Children's encyclopedia for the middle and older groups] Detskaia entsiklopediia dlia srednego i starshego vozrasta. Moskva.
Vol. 7. [From the history of human society] Iz istorii chelovecheskogo vozrasta. 1961. 672 p.

ONATS'KYI, IEVHEN [Little Ukrainian encyclopedia] Ukrains'ka mala entsyklopediia. Buenos Aires, Nakladom Administratury UAPTs v Argentini.
Vol. 9. NA - OL 1962. 1077-1204 p.

ROSENBERG, I., comp. [Museums of the Estonian S.S.R.] Eesti NSV muuseumid. Tallinn, Eesti Riiklik Kirjastus, 1961. 447 p. [In Estonian]

2. BIBLIOGRAPHY

AKADEMIIA NAUK AZERBAIDZHANSKOI SSR, Baku. [Books published by the Academy of Sciences of the Azerbaijani SSR, 1946-1956; a catalog] Knigi izdatel'stva Akademii Nauk Azerbaidzhanskoi SSR, 1946-1956, katalog. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1959. 46 p.

AKADEMIIA NAUK SSSR Biblioteka. [Bibliography of works on Mongolia published in the Russian language, 1824-1960] Ukazatel' bibliografii po mongolovedeniiu na russkom iazyke; 1824-1960 Sost. R. L. Baldaev i N. N. Vasil'ev. Pod red. G. IA. Smolina i K. I. Shafranovskogo. Leningrad, 1962. 88 p.

ANAN'IN, L. M., L. F. KOROVKIN, and A. M. LEVIN. [Setting technical standards in the printing industry] Tekhnicheskoe normirovanie truda v poligraficheskoi promyshlennosti. Pod red. A. M. Levina. Moskva, Gos. izd-vo "Iskusstvo," 1961. 204 p.

AZBELEV, S. N. [Novgorod chronicles of the 17th century] Novgorodskie letopisi XVII veka. Novgorod [Borovichskaia gorodskaia tip.] 1960. 200 p.
(RPB)

DEREZIN, B. I. [Synthetic polymers in printing] Sinteticheskie polimery v poligrafii. Moskva, Gos. izd-vo "Iskusstvo," 1961. 174 p.

KIRPICHEVA, I. K. [Promoting library and bibliographical information in district and rural libraries, a textbook] Propaganda bibliotechno-bibliograficheskikh znanii v raionnykh i sel'skikh bibliotekakh; metodicheskoe posobie. Leningrad, Gos. publichnaia biblioteka im. M. E. Saltykova-Shchedrina, 1961. 73 p.

METELKIN, N. M. [Instructions for the member of a public library council] Pamiatka chlenu soveta massovoi biblioteki. Moskva, Gos. biblioteka SSSR im. V. I. Lenina, 1961. 15 p.

MOSCOW. PUBLICHNAIA BIBLIOTEKA. [Catalog of candidates' and doctors' dissertations received by the V. I. Lenin Library and the State Central Medical Library in the first quarter of 1961] Katalog kandidatskikh i doktorskikh dissertatsii, postupivshikh v Biblioteku imeni V. I. Lenina i Gosudarstvennuiu tsentral'nuiu nauchnuiu meditsinskuiu biblioteku v 1-m kvartale 1961 goda. Moskva, 1962. 261 p.

MOSCOW. VSESOIUZNAIA GOSUDARSTVENNAIA BIBLIOTEKA INOSTRANNOI LITERATURY. [Stendhal; a bibliography of Russian translations and literary critiques in the Russian language, 1822-1960] Stendal'; bibliografiia russkikh perevodov i kriticheskoi literatury na russkom iazyke, 1822-1960. Moskva, Izd-vo Vses. knizhnoi palaty, 1961. 116 p.
[MICROFILM]

RUSSIA (1923- U. S. S. R.) Glavnoe arkhivnoe upravlenie. [Catalog of collections of documents published by archival institutions of the U. S. S. R.] Katalog sbornikov dokumentov, izdannykh arkhivnymi uchrezhdeniiami SSSR. Pod red. A. I. Loginovoi, L. I. IAkovleva. Moskva, 1961. 110 p.

RUSSIA (1923- U. S. S. R.) Glavnoe arkhivnoe upravlenie. [Catalog of the literature on archival work, 1917-1959] Katalog arkhivovedcheskoi literatury, 1917-1959 gg. Pod red. A. L. Loginovoi, I. N. Firsova. Moskva, 1961. 191 p.

SOVESHCHANIE PO REKOMENDATEL'NOI BIBLIOGRAFII, 1961. [Collection of materials of the Conference on Recommended Literature, held January 19-21, 1961] Sbornik materialov. Moskva, Gos. biblioteka SSSR im. V. I. Lenina, 1961. 185 p.

TALLINN. FRIEDRICH REINHOLD KREUTZWALDI NIMELINE EESTI NSV RIIKLIK RAAMATUKOGU. [Cataloging rules for people's libraries] Kataloogimisreeglid rahvaraamatukogudele. Koostanud K. Veskimagi. Tallinn, Eesti Riiklik Kirjastus, 1960. 150 p. [In Estonian]

ZHAK, D. K., and S. E. SHAMURINA. [System of catalogs in provincial libraries, a practical manual] Sistema katalogov oblastnoi biblioteki, prakticheskoe posobie. Pod red. Z. N. Ambartsumiana. Moskva, Gos. biblioteka SSSR im. V. I. Lenina, 1961. 87 p.

3. PHILOSOPHY & RELIGION

ADAMIAN, A. A. [Articles on art] Stat'i ob iskusstve. Moskva, Gos. muzykal'noe izd-vo, 1961. 430 p.

AKADEMIIA NAUK SSSR. Institut filosofii. [Philosophical problems of present-day formal logic] Filosofskie voprosy sovremennoi formal'noi logiki. Moskva, Izd-vo Akad. nauk SSSR, 1962. 362 p.

AKADEMIIA NAUK SSSR. Muzei istorii religii i ateizma. [Science and religion; brief manual and guide] Nauka i religiia; kratkii spravochnik-putevoditel'. Sost. M. S. Butinova i IA. M. Pritykin. Moskva, Izd-vo Akad. nauk SSSR, 1961. 107 p.

AKADEMIIA NAUK SSSR. [Selected works of modern progressive Chinese philosophers, 1840-1898. Translated from the Chinese] Izbrannye proizvedeniia progressivnykh kitaiskikh mysitelei novogo vremeni, 1840-1898. Vstup. stat'ia N. G. Senina. Moskva, 1961. 299 p.

ALEKSIN, A. G. [Let us talk about conscience] Pogovorim o sovesti. [Moskva] Mosk. rabochii, 1961. 49 p. (Besedy o nravstvennosti)

ANDRIEVS'KYI, V. P. [Worship of Saints in the Christian religion] Pro kul't sviatykh khrystyians'koi religii. Kyiv, 1961. 33 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 2., no 11)

BARDIN, S. M. [Truth, honesty and unselfishness] Pravda, chestnost', beskorystie. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 67 p.

BELIK, A. P. [Art for man] Iskusstvo - cheloveku! Moskva, Gos. izd-vo polit. lit-ry, 1961. 69 p. (Populiarnaia bibliotechka po estetike)

BELIK, A. P. [Chernyshevskii's views on aesthetics] Estetika Chernyshevskogo. Moskva, Vysshaia shkola, 1961. 292 p.

[BLACK SHADOWS RETREAT; stories on the work with believers] Chernye prizraki otstupaiut; rasskazy o rabote s veruiushchimi. Moskva, Gos. izd-vo polit. lit-ry, 1961. 116 p.

BOTVINNIK, M. N., and others, comps. [Mythological dictionary] Mifologicheskii slovar'. Leningrad, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 292 p.

CHUKOVENKOV, IU. A. [Individual work with believers] Individual'naia rabota s veruiushchimi. Leningrad, Ob-vo po raspr. polit. i nauchn. znanii RSFSR, 1961. 55 p.

DMYTRYCHENKO, V. S. [Studies on the history of the sociopolitical and philosophical ideas of the peoples of the U. S. S. R. in the feudal period, from the 7th to the 17th century] Narysy z istorii suspil'nopolitychnoi ta filosofs'koi dumki narodiv SRSR doby feodalizmu, VII-XVII st. st. vkliuchno. [Kyiv] Vyd-vo Kyivs'koho univ., 1961. 158 p.

DUBLIANS'KYI, A. [A thorny path, life of Metropolitan Nikanor Abramovych (on the occasion of the twentieth anniversary of his episcopature, 1942-1962)] Ternystym shliakhom, zhyttia Mytropolyta Nikanora Abramovycha (do 20-littia arkhypastyrs'koho sluzhinnia, 1942-1962). London, Vydannia General'noho TSerkovnoho Upravlennia UAPTs v Velykii Britanii, 1962. 80 p.

EMELIAKH, L. I. [Origin of Christian cultus] Proiskhozhdenie khristianskogo kul'ta. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 142 p.

GERTSBERG, M. O. [Notes on the problem of consciousness in psychopathology] Ocherki po probleme soznaniia v psikhopatologii. Moskva, Medgiz, 1961. 173 p.
(DNLM)

GORSKII, D. P. [Logic, textbook for pedagogical schools] Logika; uchebnoe posobie dlia pedagogicheskikh uchilishch. Izd. 3. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 158 p.

GROSSER, PAUL K. [The nihilism of John Dewey. Translated from the English] Nigilizm Dzhona D'iui. Predislovie i obshchaia red. L. A. Shershenko. Moskva, Izd-vo inostr. lit-ry, 1958. 263 p.
(NN)

KAPANTSIAN, G. A. [The Urartaean deity Shebitu] Ob urartskom bozhestve Shebitu. Erevan, 1947. 15 p.
(NNC)

KOMAROV, V. N. [Will there be an end of the world?] Budet li konets mira? Moskva, Gos. izd-vo polit. lit-ry, 1961. 70 p. (Besedy s veruiushchimi)

KOMMUNISTICHESKAIA PARTIIA SOVETSKOGO SOIUZA. [Communist Party and the Soviet Government on religion and church] Kommunisticheskaia partiia i Sovetskoe pravitel'stvo o religii i tserkvi. [Izd. 2.] Moskva, Gos. izd-vo polit. lit-ry, 1961. 110 p.

KRYVELEV, I. A. [Religions and churches in the modern world] Religii i tserkvi v sovremennom mire. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 189 p.

LAVRETSKII, I. R. [Cardinals go to hell] Kardinaly idut v ad. Moskva Gos. izd-vo polit. lit-ry, 1961. 263 p.

LENIN, V. I. [Materialism and empiriocriticism, critical notes on a reactionary philosophy] Materializm i empiriokrititsizm; kriticheskie zametki ob odnoi reaktsionnoi filosofii. Moskva, Gos. izd-vo polit. lit-ry, 1961. 386 p.

MARKOV, A. D. [A historical and philosophical introduction to the course "Dialectical and historical materialism"] Istoriko-filosofskie vvedenie k kursu "Dialekticheskii i istoricheskii materializm." Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1961. 422 p.

MOSCOW. AKADEMIIA OBSHCHESTVENNYKH NAUK. [Critique of present-day bourgeois philosophy and sociology] Kritika sovremennoi burzhuaznoi filosofii i sotsiologii. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1961. 270 p.

MSHVENIERADZE, V. V. [Philosophy of neopositivism and semantics] Filosofiia neopozitivizma i semantiki. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1961. 87 p.

NIKITIN, E. P. [Essence and phenomenon; categories of "essence" and "phenomenon" and the methodology of scientific research] Sushchnost' i iavlenie; kategorii "sushchnost' i "iavlenie" i metodologiia nauchnogo issledovaniia. Moskva, Izd-vo "Znanie," 1961. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 2, Filosofiia, no. 24)

OGRYZKO, I. I. [Why we are against religious feasts] Pochemu my protiv religioznykh prazdnikov. [Leningrad] Lenizdat, 1961. 77 p. (Bibliotechka ateista)

PANTEI, L. K. [Studies on materialist philosophy and the theory of knowledge of Russian revolutionary democrats] Materialisticheskoe mirovozrenie i teoriia poznaniia russkikh revoliutsionnykh demokratov, ocherki. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 116 p.

PLESHKO, A. I. [What we should know, and having become convinced, should observe/the teachings of Jesus Christ on sacrifice, indicating that it brings great reward] Chto nam polezno znat', a ubedivshis' budem sobliudat', uchenie Iisusa Khrista o pozhertvovaniiakh, ukazyvaiushchee na velichaishee voznagrazhdenie zhertvodateliam. t. izd. Winnipeg, 1961. 336 p.

[POPULAR LECTURES ON ATHEISM] Populiarnye lektsii po ateizmu. Moskva, Gos. izd-vo polit. lit-ry, 1962. 390 p.

RADINA, K. D. [How religion harms children] Kakoi vred prinosit religiia detiam. Leningrad, Ob-vo po raspr polit. i nauchn. znanii RSFSR, 1961. 47 p.

RADUL'-ZATULOVSKII, IA. B. [Ando Shocki, a materialist, philosopher of the 18th century] Ando Seeki - filosof materialist XVIII veka. Moskva, Izd-vo vostochnoi lit-ry, 1961. 219 p.

RUDINSKII, F. M. [Religious liberty in the U. S. S. R.] Svoboda sovesti v SSSR. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 85 p.

SCHMEMANN, ALEXANDER, [Introduction to liturgical theology] Vvedenie v liturgicheskoe bogoslovie. Paris, YMCA-Press, [1961] 247 p.

SHVARTSMAN, K. A. [Critical evaluation of present-day bourgeois philosophical theories of ethics] Kritika sovremennykh burzhuaznykh filosofsko-eticheskikh sistem. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 59 p.

SKATERSHCHIKOV, V. [The literary image in art] Khudozhestvennyi obraz v iskusstve. Moskva, Gos. muzykal'noe izd-vo, 1961. 27 p. (V pomoshch' slushateliam universiteta kul'tury)

SKATERSHCHIKOV, V. K. [Art as a form of social conscience] Iskusstvo kak forma obshchestvennogo soznaniia. Moskva, Gos. muzykal'noe izd-vo, 1961. 31 p. (V pomoshch' slushateliam universitetov kul'tury)

SKVORTSOV, L. V. [V. I. Lenin on the unity of knowledge and practice] V. I. Lenin o edinstve poznaniia i praktiki. Pod red. M. T. Iovchuka. [Moskva] Izd-vo Mosk. univ., 1961. 168 p.

SOPLIAKOVA, L. P. [Words and deeds of Evangelical Christians and Baptists] Slova i dela evangel'skikh khristian-baptistov. Tashkent, Gos. izd-vo Uzbekskoi SSR, 1961. 41 p.

STOLAREK, ZBIGNIEW. ["The city of miracles"; as seen by myself and others (Lourdes today). Translated from the Polish] "Gorod chudes", svoimi i chuzhimi glazami (Lurd segodnia). Moskva, Gos. izd-vo polit. lit-ry, 1961. 85 p.

[THEORY OF KNOWLEDGE; collection of articles]

AKADEMIIA NAUK SSSR. Fundamental'naia biblioteka obshchestvennykh nauk. [Bulgarian history up to September 9, 1944; index of historical studies published in 1945-1958] Istoriia Bolgarii do 9 sentiabria 1944; ukazatel' literatury, 1945-1958. Sost. N. V. Busse, D. D. Ivanov i V. V. Noskov (Moskva) pri uchastii Bolgarskogo instituta im. Elina Pelina (Sofiia). Pod red. D. D. Ivanova. Moskva, Izd-vo Akad. nauk SSSR, 1962. 551 p.

AKADEMIIA NAUK SSSR. Institut istorii. Leningradskoe otdelenie. [Source materials concerning French civil wars in 1561-1563] Dokumenty po istorii grazhdanskikh voin vo Frantsii, 1561-1563 gg. Moskva, Izd-vo Akad. nauk SSSR, 1962. 361 p.

AKADEMIIA NAUK SSSR. Institut narodov Azii. [The ancient world, collection of articles] Drevnii mir, sbornik statei. Moskva, Izd-vo vostochnoi lit-ry, 1962. 657 p.

AKADEMIIA NAUK URSR, Kiev. Instytut suspil'nykh nauk [History of the revolutionary movement in Lvov, 1917-1939] Z istorii revoliutsiinoho rukhu u L'vovi, 1917-1939, dokumenty i materialy. L'viv. L'vivs'ke knyzhkovo-zhurnal'ne vyd-vo, 1957. 795 p. (WaU)

ARONSON, GREGOR. [Revolutionary youth; reminiscences, 1903-1917] Revoliutsionnaia iunost', vospominaniia 1903-1917. [New York] 1961. 245 p. (Inter-university Project on the History of the Menshevik Movement Paper, no. 6) (MH)

BADAKHODZHAEV, A. KH. [Bankruptcy of English policy in Central Asia and the Middle East; 1918-1924] Proval angliiskoi politiki v Srednei Azii i na Srednem Vostoke; 1918-1924. Moskva, Izd-vo Vostochnoi lit-ry, 1962. 187 p.

BARKOVSKAIA, T. N., and G. E. STEPANOVA. [V. I. Lenin Home and Museum, a guide] Dom muzei V. I. Lenina; putevoditel'. [Kuibyshev] Kuibyshevskoe knizhnoe izd-vo, 1960. 42 p. (NNC)

BELIAEVSKII, V. A. [Whose guilt is it; recollections of the White Russian movement, 1918-1920] Kto vinovat, vospominaniia o Belom dvizhenii, 1918-1920 g. g. Buenos Aires [n. d.] 111 p.

BLAVATSKII, V. D. [Antique archaeology of the northern part of the Black Sea Region] Antichnaia arkheologiia Severnogo Prichernomor'ia. Moskva, Izd-vo Akad. nauk SSSR, 1961. 228 p.

BOIARSKII, V. A. [Invasion of Soviet Russia by United States imperialists and its failure] Vtorzhenie imperialistov SShA v Sovetskuiu Rossiiu i ego proval. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 171 p.

BOITEAU, PIERRE. [Madagascar; studies on the history of the Malagasy nation. Translated from the French] Madagaskar; ocherki po istorii mal'gashskoi natsii. Moskva, Izd-vo vostochnoi lit-ry, 1961. 434 p.

BOVYKIN, V. I. [History of the origin of the First World War; Franco-Russian relations in 1912-1914] Iz istorii vozniknoveniia pervoi mirovoi voiny, otnosheniia Rossii i Frantsii v 1912-1914 gg. [Moskva] Izd-vo Mosk. univ., 1961. 206 p.

BURLAK, V. N. [History of the penetration of Marxist ideas into Russia in the "lowborn period" of the [illegible] movement] Iz istorii proniknoveniia Rossiiu v raznochinskii period vyzhenila. Moskva, Gos. izd-vo [illegible] 1961. 60 p.

[illegible]VIL WAR IN THE U. S. A.]
[illegible]i voiny v SShA. Moskva,
lit-ry, 1961. 584 p.

[illegible]e of heroes] Allein geroev.
[illegible]o po rasprostraneniiu polit
, 1961. 56 p.

[illegible]; guide book] Domik v Il'ichevo;
[illegible]d] Lenizdat, 1961. 40 p.
[illegible], I. Lenina)

[illegible] Soviet youth defended the city
[illegible]i na zashchite Leningrada.
1961. 222 p.

[illegible]" winners of Kalinin Province]
[illegible]tsev. [Kalinin] Kalininskoe
297 p.

[illegible]ters summon to arms] Truba-
[illegible]skva, Voen. izd-vo M-va
p. (Voennye memuary)

DUBYNS'KYI, I. V., and H. M. SHEVCHUK. [The Red Cossacks; a historical study] Chervone kozatstvo, istorychnyi narys. Kyiv, Derzh vyd-vo polit. lit-ry URSR, 1961. 160 p.

DVINOV, B. [Reminiscences on the Moscow Soviet of Workers' Deputies, 1917-1922] Moskovskii Sovet Rabochikh Deputatov, 1917-1922, vospominaniia. New York, 1961. 188 p. (Inter-University Project the History of the Menshevik Movement, paper no

DZHAFARZADE, I. M. [Historical and archaeological sketch of Stariaya Gandzha, the birthplace of Nizam Istoriko-arkheologicheskii ocherk Staroi Gandzhi; rodina Nizami. Baku, Akad. nauk Azerbaidzhanskoi SSR, 1949. 101 p. (MH)

EESTI NSV TEADUSTE AKADEEMIA. Ajaloo Institu [From recent history] Kaasaja ajaloost; tuhiartikli kogumik. Toimetanud J. Kahk ja P. Larin. Tallinn, Eesti Riiklik Kirjastus, 1961. 169 p. [In Estonian summary in Russian]

EFIMOV, G. V. [Sun Yat-sen, the great Chinese revolutionary and democrat] Velikii kitaiskii revoliutsioner demokrat Sun' IAt-sen. Leningrad, Ob-vo po raspr polit. i nauchn. znanii RSFSR, 1961. 66 p.

ELISEENKO, N. P., and E. P. IUPATOV. [Research i cultural organizations of Great Britain] Nauchno-i dovatol'skie i kul'turnye uchrezhdeniia Velikobrit Moskva, Vses. in-t nauch. i tekhn. informatsii, 19 177 p.

FEDIUNINSKII, I. I. [Alerted by the alarm] Podniatye trevoge. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 247 p. (Voennye memuary)

GALAKTIONOV, I. V., and E. V. CHISTIAKOVA. [A. I Ordin-Nashchokin, a Russian diplomat of the 17th century] A. L. Ordin-Nashchokin - russkii diplomat XVII v. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1 132 p. (Vydaiushchiesia diplomaty nashei Rodiny)

GLINKIN, A. N. [Recent history of Brazil, 1939-1959] Noveishaia istoriia Brazilii, 1939-1959 gg. Moskva Izd-vo IMO, 1961. 402 p.

IAKOVLEV, N. N. [The U. S. A. and England during t Second World War] SShA i Angliia vo vtoroi mir voine. Moskva, Gos. uchebno-pedagog. izd-vo M- prosv. RSFSR, 1961. 268 p.

IVANYS, VASYL' [The paths of my life; reminiscen Stezhkamy zhyttia; spohady. Neu-Ulm Donau,
Book 4. [Capitulation; my life in the Crimea; a first steps in exile] Kapituliatsiia. Sy nia v Krymu. Pershi kroky vygnannia. 1961. 402 p.

KAFADARIAN, KARO. [Ovannavank and its inscrip Ovannavank i ego nadpisi. Erevan, 1948. 120 p. [In Armenian] (NNC)

KALININ (Province) Upravlenie vnutrennikh del. Ar nyi otdel. [History of Kalinin Province; articles a source materials] Iz istorii Kalininskoi oblasti; s i dokumenty [Kalinin] Kalininskoe knizhnoe izd-v 1960. 194 p.

KANIVETS, V. V. Aleksandr Il'ianov. Moskva, Izd TsK VLKSM "Molodaia gvardiia," 1961. 277 p. (Zhizn' zamechatel'nykh liudei. Seriia Biografii, no. 15(329))

KARASEV, A. V. [Defense of the city of Lenin] Na zashchite goroda Lenina. Moskva, Izd-vo DOSA. 1961. 127 p.

KARDIN, V. [Today we remember yesterday; meme and our times] Segodnia o vcherashnem; memuar sovremennost'. Moskva, Voen. izd-vo M-va obo SSSR, 1961. 189 p.

KOL'TSOV, A. V. [Scholars of Leningrad during the blockade; 1941-1943] Uchenye Leningrada v gody blokady, 1941-1943. Moskva, Izd-vo Akad. nauk S 1962. 142 p.

KOMMUNISTICHESKAIA PARTIIA SOVETSKOGO S(Vysshaia partiinaia shkola. Kafedra zhurnalistik [Bolshevik press; collection of materials] Bol'sh skaia pechat; sbornik materialov. Moskva, Izd- VPSh i AON pri TsK KPSS.
No. 3. [1907 - February 1917] 1907 g. - fevra 1917 g. 1961. 619 p.

KONDRAT'EV, NIKOLAI. [Burn, my heart!] Gori s serdtse.... Riga, Latviiskoe gos. izd-vo, 1961. 241 p.

KUDRIAVTSEV, D. I. [Struggle of the U.S.S.R. for disarmament after the second world war] Bor'ba SSSR za razoruzhenie posle vtoroi mirovoi voiny, mezhdunarodno-pravovoi ocherk. [Moskva] Izd-vo Mosk. univ., 1962. 159 p.

KULIKAUSKAS, P. Z., R. K. KULIKAUSKIENE, and A. Z. TAUTAVICIUS. [Outline of Lithuanian archaeology] Lietuvos archeologijos bruozai. Vilnius, Politines ir mokslines literaturos leidykla, 1961. 561 p. [In Lithuanian]

KUTSENTOV, D. G. [Members of Petersburg's "Union of the Struggle for the Liberation of the Working Class", concise biographical studies] Deiateli Peterburgskogo "Soiuza bor'by za osvobozhdenie rabochego klassa"; kratkie biograficheskie ocherki. Moskva, Gos. izd-vo polit. lit-ry, 1962. 161 p.

KUZNETSOV, V. A. [Alany tribes of the Northern Caucasus] Alanskie plemena Severnogo Kavkaza. Moskva, Izd-vo Akad. nauk SSSR, 1962. 134 p. illus. (Materialy i issledovaniia po arkheologii SSSR, no. 106)

LAGAUSKIENE, E. [The facts accuse, review of literature] Faktai kaltina; literatūros apžvalga. Kaunas, Lietuvos TSR Valstybinė respublikinė biblioteka, 1961. 34 p. [In Lithuanian]

LATVIJAS PADOMJU SOCIALISTIKAS REPUBLIKAS ZINATNU AKADEMIJA. Vestures Instituts. [Archaeology and ethnology; collection of articles] Arkheologija un etnografija, rakstu krajums. Riga, Latvijas PSR Zinatnu akademijas izdevnieciba. Vol. 2. 1960. 206 p.

LEBEDEV, N. I. [Rumania during the Second World War, history of her foreign relations and internal policy from 1938 to 1945] Rumyniia v gody vtoroi mirovoi voiny, vneshnepoliticheskaia i vnutripoliticheskaia istoriia Rumynii v 1938-1945 gg. Moskva, Izd-vo IMO, 1961. 318 p.

LENINGRAD. LENINGRADSKII GORODSKOI INSTITUT USOVERSHENSTVOVANIIA UCHITELEI. [Teaching recent history; collection of articles] Iz opyta prepodavaniia noveishei istorii; sbornik statei. Pod red. V. A. Orlova. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 123 p.

[LET'S BREAK OUR CHAINS; documents concerning the Vietnamese revolution in August 1945. Translated from the French] Razob'em okovy; dokumenty Avgustovskoi revoliutsii 1945 goda v V'etname. Red. N. V. Rudnitskaia. Moskva, Izd-vo inostr. lit-ry, 1960. 103 p.

LEVIN, S. E. [Lessons in the elementary course of the history of the U.S.S.R. in the seventh grade, from ancient times to the end of the 17th century, short methods manual] Uroki po elementarnomu kursu istorii SSSR v 7-m klasse s drevneishikh vremen do kontsa XVII v., kratkoe metodicheskoe posobie. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 110 p.

LICHAK, N. K. [Artillery officer] Ofitser artillerii. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 95 p. (Biblioteka soldata i matrosa)
[MICROFILM]

LIDATSE, E. R. [The unbending one; the life of Augusts Berce, a Latvian revolutionary] Nesgibaemyi; istoriia zhizni revoliutsionera Avgusta Bertse. Riga, Latvilskoe gos. izd-vo 1962. 182 p.

LIETUVOS TSR MOKSLU AKADEMIJA, Vilna, Istorijos Institutas. [Conflicts of Lithuanian peasants and townspeople with the landed proprietors; a collection of documents] Laituvos valstiečiu ir miestelenu ginčai su dvaru valdytojais; dokumentu rinkinys. Vilnius, Valstybine politines ir mokslines literatūros leidykla, 1959-61. 2 v.
(NN)

LOGINOV, A. F. [Eternal example] Vechnyi primer. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1961. 159 p.

LOGINOV, V. T. [Lenin and the newspaper "Pravda" in 1912-1914] Lenin i "Pravda" 1912-1914 godov. Moskva, Gos. izd-vo polit. lit-ry, 1962. 241 p.

MELIKOV, O. S. [Establishment of Shah Riza's dictatorial rule in Iran] Ustanovlenie diktatury Reza-Shakha v Irane. Moskva, Izd-vo vostochnoi lit-ry, 1961. 122 p.

MOLCHANOV, N. N. [Foreign policy of the French Fifth Republic] Vneshniaia politika Frantsii; Piataia respublika. Moskva, Izd-vo In-ta mezhdunarodnykh otnoshenii, 1961. 118 p. (Vneshniaia politika, mezhdunarodnye otnosheniia)

MOSCOW. INSTITUT ISTORII PARTII. [On the tracks of the late war; memorable places of the Patriotic War in Moscow and its environs, 1941-1945] Po sledam minuvshei voiny; pamiatnye mesta Otechestvennoi voiny v Moskva i Podmoskov'e, 1941-1945 gg. Moscow, Mosk. rabochii, 1961. 319 p.

MOSCOW, PUBLICHNAIA BIBLIOTEKA. Otdel spravochno-bibliograficheskoi i informatsionnoi raboty. [History of Soviet society in the reminiscences of contemporaries; annotated bibliography of memoirs] Istoriia sovetskogo obshchestva v vospominaniiakh sovremennikov, annotirovannyi ukazatel' memuarnoi literatury. Moskva
Pt. 2., No. 1. [Articles published in Soviet periodicals from 1917 to 1927] Zurnal'nye publikatsii 1917-1927 gg. 1961. 252 p.

MOSCOW. TSENTRAL'NYI MUZEI V. I. LENINA. Leningradskii filial. [Apartment at 52 Lenin Street] Kvartira na ulitse Lenina, 52; putevoditel'. [Leningrad] Lenizdat, 1961. 50 p. (Memorial'nye muzei V. I. Lenina v Leningrade)

MOSCOW. TSENTRAL'NYI MUZEI V. I. LENINA. Leningradskii filial. [Apartment at 1 Serdobol'skaya Street] Kvartira na Serdobol'skoi ulitse, 1, putevoditel'. [Leningrad] Lenizdat, 1961. 45 p. (Memorial'nye muzei V. I. Lenina v Leningrade)

MOSCOW. TSENTRAL'NYI MUZEI V. I. LENINA. Leningradskii filial. [Apartment at 7 Il'ich Lane] Kvartira na pereulke Il'icha, 7; putevoditel'. [Leningrad] Lenizdat, 1961. 57 p. (Memorial'nye muzei V. I. Lenina)

MOSCOW. TSENTRAL'NYI MUZEI V. I. LENINA. Leningradskii filial. [Apartment at 17-a, 10th Soviet Street] Kvartira na 10-i Sovetskoi ulitse, 17-a; putevoditel'. [Leningrad] Lenizdat, 1961. 37 p. (Memorial'nye muzei V. I. Lenina v Leningrade)

NEMIROV, N. G., V. I. KRASNOV, and N. D. KUMANOVA, eds. [For the glory of the motherland, 1941-1945; a collection of documentary materials from war museums] Vo slavu Rodiny, 1941-1945, sbornik dokumental'nykh materialov voennykh muzeev. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 341 p.

NEUSTROEV, S. A. [The road to the Reichstag] Put' k reikhstagu. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 94 p. (Voennye memuary)

NIKOLAEV, B. D., and P. A. PETRUKHIN. [We are sailors from the "Gromiashchii"] My s "Gromiashchego," Moskva, Voen. izd-vo M-va oborony SSSR, 1961. 190 p. (Voennye memuary)

OGURA, TOYOFUMI. [With the corpse of my wife; adventures in Hiroshima] Su zmonos lavonu; pergyvenimai Hirosimoje. Vilnius, Valstybine politines ir mokslines literatoros leidykla, 1960. 43 p. [In Lithuanian]

PANARIN, M. I. [The Battle of Rzhev; notes of a party secretary of a rifle regiment] V bolkh pod Rzhevom; zapiski sekretaria partbiuro strelkovogo polka. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 126 p.

PINI, O. A., comp. [A. N. Radishchev in portraits, pictures, and documents; a manual for teachers] A. N. Radishchev v portretakh, illiustratsiiakh, dokumentakh; posobie dlia uchitelei. Pod red. G. P. Makogonenko. Leningrad, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 378 p.

POLIAKOV, I. A. [How the Don Cossacks fought against the Bolsheviks; reminiscences in five parts] Donskie kazaki v bor'be s bol'shevikami; vospominaniia (v piati chastiakh). Munich, 1962. 388 p.

POPOV, M. IA. [The Seige of Azov] Azovskoe sidenie. Moskva, Gos. izd-vo "Vyssha shkola," 1961. 89 p.

PRUDNIKOV, M. S. [The elusive ones] Neulovimye. Moskva, Voen. izd-vo M-va oborony SSSR, 1961. 205 p. (Voennye memuary)

RIGA. PARTIJAS VESTURES INSTITUTS. [On Lenin; reminiscences of Latvian revolutionaries] O Lenine; vospominaniia revoliutsionerov Latvii. Riga, Latviiskoe gos. izd-vo, 1959. 317 p.
(ICU)

RIURIKOV, B. S. [N. G. Chernyshevskii; a biographic and critical sketch] N. G. Chernyshevskii; kritiko-biograficheskii ocherk. Moskva, Gos. izd-vo khudozh. lit-ry, 1961. 220 p.

ROMANOVSKII, I. S. [Museum of a great city] Muzei velikogo goroda. 2., dop. izd. [Moskva] Mosk. rabochii, 1961. 302 p. (Po muzeiam i vystavkam Moskvy i Podmoskov'ia)

ROZANOV, G. L. [Germany under the rule of fascism, 1933-1939] Germaniia pod vlast'iu fashizma, 1933-1939 gg. Moskva, Izd-vo IMO, 1961. 502 p.

RUBTSOV, B. T. [Heroic deeds of the Taborites] Podvigi taboritov. Moskva, Izd-vo Akad. nauk SSSR, 1961. 130 p. (Nauchno-populiarnaia seriia)

RUSSIA (1923- U.S.S.R.) Ministerstvo inostrannykh del. [The U.S.S.R. and Arab countries, documents and source materials] SSSR i arabskie strany 1917-1960 gg, dokumenty i materialy. Red. kollegiia sbornika: V. IA. Sipols i dr. Moskva, Gos. izd-vo polit. lit-ry, 1961. 854 p.

RUSSIA (1923- U.S.S.R.) TSentral'nyi gosudarstvennyi arkhiv Sovetskoi Armii. [Source materials concerning party and political work in the Red Army, April 1917 - February 1919] Partiino-politicheskaia rabota v Krasnoi Armii (aprel' 1918-fevral' 1919); dokumenty. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 358 p.

RYAZAN (Province) Upravlenie vnutrennikh del. Arkhivnyi otdel. [Peasant unrest in the Ryazan Government during the first Russian revolution; documents and source materials] Krest'ianskoe dvizhenie v Riazanskoi gubernii v gody pervoi russkoi revoliutsii; dokumenty i materialy [Riazan'] Riazanskoe knizhnoe izd-vo, 1960. 332 p.

SAKHAROV, S. D. [Communists in the struggle for Moscow] Kommunisty v bolakh za Moskvu. Moskva, Voen. izd-vo M-va oborony SSSR, 1961. 146 p.

SAVENOK, G. M. [Encounters in Vienna] Venskie vstrechi. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 367 p. (Voennye memuary)

al-SHĀFI'Ī, SHUHDĪ ĀTĪYAH. [Development of the national liberation movement in Egypt, 1882-1956] Razvitie natsional'no-osvoboditel'nogo dvizhenila v Egipte, 1882-1956. Red. i vstup. stat'ia M. F. Catullina. Moskva, Izd-vo inostr. lit-ry, 1961. 277 p.

SHAMAGDIEV, S. A. [Outline history of the civil war in the Fergana Valley] Ocherki istorii grazhdanskoi voiny v Ferganskoi doline. Tashkent, Akad. nauk Uzbekskoi SSR, 1961. 386 p.
(MH)

SHAPOSHNICHENKO, P. P. [Policy of the Bonn Government is a menace to the security of European states; a study of the foreign policy of the German Federal Republic in 1949-1961] Politika Bonna - ugroza bezopasnosti v Evrope; ocherk vneshnei politiki FRG, 1949-1961 gg. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1962. 131 p.

SHEVIAKOV, V. N. [Heroic struggle of the Russian people against the aggression of the Tatars and Mongols from the 13th to the 15th century] Podvig russkogo naroda v bor'be protiv tataro-mongol'skikh zakhvatchikov v XIII-XV vekakh. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 110 p.

SOLODUKHIN, GAVRIIL. [Life and fate of a Cossack] Zhizn' i sud'ba odnogo kazaka. New York [All-Slavic Publishing House, Inc.] 1962. 213 p.

[SOVIET HISTORICAL ENCYCLOPEDIA] Sovetskaia istoricheskaia entsiklopediia. Glav. red. E. M. Zhukov. Moskva, Gos. nauchn. izd-vo "Sovetskaia entsiklopediia."
Vol. 1. Aaltonen - aiany. 1961. 1023 columns
[MICROFILM]

SPIRIDOVICH, A. I. [The great war and the February Revolution, 1914-1917] Velikaia Voina i Fevral'skaia Revoliutsiia; 1914-1917 g. g. New York, Vseslavianskoe izd-vo, 1962. 315 p.

STREL'S'KYI, V. I., and P. H. TYTARENKO. [The calendar; determination of time by various peoples] Kalendar vyznachennia chasu u riznykh narodiv svitu. Kyiv, 1961. 43 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 2, no. 9)

STREL'S'KYI, V. I., and P. H. TYTARENKO. [The calendar; determination of time by various peoples of the world] Kalendar vyznachennia chasu u riznykh narodiv svitu. Kyiv, 1961. 43 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 2, no. 9)

STROD, I. IA. [In the Yakut taiga] V IAkutskoi taige. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 185 p. (Voennye memuary)

SUBBOTIN, V. A. [French colonial expansion in the late 19th century; Equatorial Africa and the islands of the Indian Ocean] Frantsuzskaia kolonial'naia ekspansiia v kontse XIX v.; Ekvatorial'naia Afrika i ostrova Indiiskogo okeana. Moskva, Izd-vo vostochnoi lit-ry, 1962. 165 p.

TATEMICHEV, V.N. [Russian history in seven volumes] Istoriia Rossiiskaia v semi tomakh. Moskva, Izd-vo Akad. nauk SSSR
Vol. 1. 1962 499 p.

TREFOUSSE, HANS LOUIS, ed. [What happened at Pearl Harbor, documents pertaining to the Japanese attack of December 7, 1941. Translated from the English] Chto proizoshlo v Pirl-Kharbore, dokumenty o napadenii IAponii na Pirl-Kharbor 7 dekabria 1941 goda. Pod red. i s predisl. Pavlenko, N.G. Moskva, Voen. izd-vo M-va oborony SSSR, 1961. 349 p.

UKRAINE. TSentral'nyi gosudarstvennyi arkhiv Oktiabr'skoi revoliutsii i sotsialisticheskogo stroitel'stva. [Cultural development in the Ukrainian S.S.R., the most important decisions of the Communist Party and the Soviet Government, 1917-1960. Collection of documents in two volumes] Kul'turne budivnytstvo v Ukrains'kii RSR, naivazhlyvishi rishennia Komunistychnoi partii i Radians'koho uriadu, 1917-1960 rr. Zbirnyk dokumentiv v dvokh tomakh. Kyiv, Derzh. vyd-vo polit. lit-ry URSR.
Vol. 2 [June 1941-1960] Chervenʹ 1941-1960 rr. 1961. 662 p.

[V.I. LENIN'S HOME MUSEUM IN GORKI] Dom-muzei V.I. Lenina v Gorkakh. [Moskva] Izd-vo "Pravda," 1961. 1 v. illus.

VALK, S.N., ed. [Collected documents concerning the Russian peasant movement from 1796 to 1825] Krest'ianskoe dvizhenie v Rossii v 1796-1825 gg., sbornik dokumentov. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 1048 p. (Krest'ianskoe dvizhenie v Rossii v XIX-nachale XX veka)

VINOGRADOV, IU.A. [Until the first mishap, stories on underwater mines] Do pervoi oshibki, rasskazy o minere. Moskva, Voen. izd-vo M-va oborony SSSR, 1961. 55 p. (Geroi - sovremenniki)

VOROB'EV, F.D., and V.M. KRAVTSOV. [The Great Patriotic War of the Soviet Union, 1941-1945, a brief historical study] Velikaia Otechestvennaia voina Sovetskogo Soiuza, 1941-1945 gg., Kratkii voenno-istoricheskii ocherk. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 455 p.

VOROB'EV, M.V. [Ancient Korea, historical and archaeological study] Drevniaia Koreia, istoriko-arkheologicheskii ocherk. Moskva, Izd-vo vostochnoi lit-ry, 1961. 144 p.

ZYBACHYNS'KYI, OREST. [Integral revolution] Integral'na revoliutsiia [Munich] 1960. 342 p.
(IU)

5. SOCIAL SCIENCES

ABRAMOVA, A.A. [Labor discipline in the U.S.S.R.] Distsiplina truda v SSSR. [Moskva] Izd-vo Mosk. univ., 1961. 78 p.

ABRAMSON, L.S. [Financing of construction and the finances of contracting construction organizations] Finansirovanie stroitel'stva i finansovoe khoziaistvo podriadnykh stroitel'nykh organizatsii. Moskva, Izd-vo ekon. lit-ry, 1961. 92 p. (V pomoshch' propagandistam i slushateliam seti partiinogo prosveshchenilia)

AFANAS'EVSKII, E.A. [Szechwan; economic and geographical study] Sychuan'; ekonomiki-geograficheskii ocherk. Moskva, Izd-vo vostochnoi lit-ry, 1962. 266 p.

[AFRICA TODAY, concise reference book on politics and economic conditions] Afrika segodnia; kratkii politiko-ekonomicheskii spravochnik. Moskva, Gos. izd-vo lit-ry, 1962. 326 p.

AGANBEGIAN, A.G. [The theory of monopoly prices based on the example of the U.S.A.] Voprosy teorii monopol'noi tseny na primere SShA. Pod red. M.I. Suvorova. [Moskva] Izd-vo Mosk. univ., 1961. 142 p.

AGRANAT, G.A., A.B. KUPRIANOV, and V.F. PUZANOVA. [Industry and transportation in the American North] Promyshlennost' i transport Amerikanskogo Severa. Moskva, Izd-vo Akad. nauk SSSR, 1962. 270 p.

AKADEMIIA NAUK KAZAKHSKOI SSR. Institut filosofii prava. [Laws governing the transition of peoples in formerly underdeveloped countries to socialism; based on the Kazakh people] O zakonomernostiakh perekhoga narodov ranee otstalykh stran k sotsializmu; na primere Kazakhskogo naroda. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1961. 225 p.

AKADEMIIA NAUK SSSR. Institut mirovoi ekonomiki i mezhdunarodnykh otnoshenii. [International economic organizations; handbook] Mezhdunarodnye ekonomicheskie organizatsii; spravochnik. 2., dop. izd. Moskva, Izd-vo Akad. nauk SSSR, 1962. 1108 p.

AKADEMIIA NAUK SSSR. Institut narodov Azii. [The Republic of Indonesia, 1945-1960] Respublika Indoneziia, 1945-1960. Moskva, Izd-vo vostochnoi lit-ry, 1961. 382 p.

AKADEMIIA NAUK BSSR. Instytut ekonomiki. [The White Russian S.S.R.] Belorusskaia SSR. Moskva, Gos. izd-vo geogr. lit-ry, 1957. 486 p.

AKIMOV, A.L. [Society without taxes] Obshchestvo bez nalogov. [Leningrad] Lenizdat, 1961. 40 p.

AKIMOVA, N.A., and S.M. VOIAKINA. [African countries, recommended list of literature] Strany Afriki, rekomendatel'nyi ukazatel' literatury. Moskva, Gos. biblioteka SSSR im. V.I. Lenina, 1961. 108 p.

ALEKHANDROV, A.M., ed. [State budget of the U.S.S.R.] Gosudarstvennyi biudzhet SSSR. Moskva, Gosfinizdat, 1961. 500 p.

ALEKSEEV, G.P., E.A. IVANOV, and N.M. PANCHENKO. [Soviet trade unions and their status and role in a socialist society] Sovetskie profsoiuzy, ikh polozhenie i rol' v sotsialisticheskom obshchestve. [Moskva] Izd-vo VTsSPS Profizdat, 1961. 57 p.

AL'TER, L.B. [Bourgeois economics of the U.S.A. in the main stages of the development of American capitalism] Burzhuaznaia politicheskaia ekonomiia SShA, na osnovnykh etapakh razvitiia amerikanskogo kapitalizma. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 307 p.

ANDREEV, V.A. [Riga and Tallinn] Riga - Tallin. Riga, Latviiskoe Gos. izd-vo, 1961. 73 p. (Po dorogam semiletki)

[AUDITING FINANCIAL OPERATIONS OF THE ENTERPRISES OF REGIONAL ECONOMIC COUNCILS] Proverka finansovoi deiatel'nosti predpriiatii sovnarkhozov. Avtorskii kollektiv pod rukovodstvom D.S. Moliakova. Moskva, Gosfinizdat, 1961. 203 p.

AZIZOV, K.I. [Economic basis for the selection of types of log transportation in the Komi A.S.S.R.] Ekonomicheskoe obosnovanie vybora tipa lesovoznogo transporta v usloviiakh Komi ASSR. Syktyvkar, Komi knizhnoe izd-vo, 1957. 95 p.
(ICMILC)

BAGRAMOV, E.A. [Without ideals (in capitalist countries)] Bez idealov. Moskva, Gos. izd-vo polit. lit-ry, 1961. 69 p.

BAZYLEU, TS., and I. RAHOUSKI. [The communal economy of collective farms is the main source of the material prosperity of collective farmers] Hramadskaia haspadarka kalhasau - asnova rostu dabrabytu kalhasnaha sialianstva. Minsk, Dziarzh. vyd-va BSSR. Red. satsyial'na ekanamichnai lit-ry, 1961. 60 p.

BEILIN, A.M. [True stories of Izhor] Izhorskie byli. [Leningrad] Lenizdat, 1961. 285 p.

BELIAKOV, V., comp. [Standard-bearers] Znamenostsy. Moskva, 1961. 416 p.

BELIKOV, N.M. [Man's glory is his work] Chelovek siiven trudom. [Leningrad] Lenizdat, 1961. 56 p. (Rabotat' i zhit' po-kommunisticheski)

BIRULIA, A.K., N.IA. GOVORUSHCHENKO, and D.V. ERMAKOVICH. [Highways and their use] Ekspluatatsionnye kachestva avtomobil'nykh dorog. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961. 133 p.

BLIUMIN, I.G. [History of economic theory] Istoriia ekonomicheskikh uchenii, ocherki teorii. Pod red. F.IA. Polianskogo. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 366 p.

BOGATOV, V.V. [Sociological views of N. Serno-Solov'evich] Sotsiologicheskie vzgliady N. Serno-Solov'evicha. [Moskva] Izd-vo Mosk. univ., 1961. 41 p.

BOIARSKII, F.F., and K.N. SHALABAEV, comps. [Nikita Sergeevich Khrushchev in Kazakhstan during March, 1961] Nikita Sergeevich Khrushchev v Kazakhstane, mart 1961. Alma-Ata, Kazakhskoe gos. izd-vo, 1961. 362 p.
(MH)

BORINEVICH, A.A. [Problems of the economics of grain receiving enterprises] Voprosy ekonomiki khlebopriemnykh predpriiatii. Pod red. A.N. Platonova. Moskva, Izd-vo tekhn. i ekon. lit-ry po voprosam zagotovok, 1961. 150 p.

BORISOV, G.IA., and L.N. GOREVATYI. [Unemployment aid for workers and office employees during temporary loss of working capacity; questions and answers] Posobiia rabochim i sluzhashchim po vremennoi netrudosposobnosti v voprosakh i otvetakh. 2. izd., ispr. i dop. Moskva, Gos. izd-vo lurid. lit-ry, 1961. 130 p.

BRANIN, M.S. [How to investigate the violation of safety measures in agriculture] Rassledovanie prestupnykh narushenii pravil tekhniki bezopasnosti v sel'skom khoziaistve. Moskva, Gos. izd-vo lurid. lit-ry, 1961. 134 p.

BRONSHTEIN, IA.I. [Prevention of accidents and organization of safe traffic in Leningrad] Opyt bezavariinoi raboty i metody organizatsii bezopasnogo dvizheniia v Leningrade. Moskva, Avtotransizdat, 1961. 48 p.

BULGAKOV, A.A., K.A. GUSEINOV, and I.A. SMIRNOV. [With the Italian workers] U rabochikh Italii. [Moskva] Izd-vo VTsSPS Profizdat, 1961. 135 p.

BUZLIAKOV, N.I., and N.I. STEPANOV. [Development planning of the individual branches of culture] Planirovanie razvitiia otraslei kul'tury. Pod red. I.I. TSvetkova. Moskva, Izd-vo ekon. lit-ry, 1961. 118 p. (V pomoshch' ekonomistu i planoviku)

CHERDANTSEV, G.N. [Economic geography, introduction and the geography of branches of the national economy of the U.S.S.R.] Ekonomicheskaia geografiia; vvedenie i geografiia otraslei narodnogo khoziaistva SSSR. [n.p.] Izd-vo geodez. lit-ry, 1961. 123 p.

CHISTOV, A.A. [Town and country] Derevnia i gorod. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 73 p. (Besedy o programme KPSS)

CHUDNOVSKII, D.M., and others. [Economics and planning of the manufacture of precast concrete] Ekonomika i planirovanie proizvodstva sbornogo zhelezobetona. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 438 p.

[COMMUNISTS] Kommunisty. Moskva, Izd-vo "Pravda," 1962. 80 p. (Biblioteka "Komsomol'skoi pravdy," no. 1)

[CONCISE HANDBOOK ON THE MINERAL RESOURCES OF CAPITALIST COUNTRIES; Asia] Kratkii spravochnik po mineral'nym resursam kapitalisticheskikh stran; Aziia. Pod red. N.A. Bykhovera, M.V. Dubovskoi i A.F. Opaleva. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1961. 124 p.

DINKEVICH, A.I. [Economic and military "assistance" of the U.S.A. to Japan] Ekonomicheskaia i voennaia "pomoshch'" SShA IAponii. Moskva, Izd-vo vostochnoi lit-ry, 1962. 298 p.

DMITREVSKII, IU.D. [The Nile] Nil. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 76 p. (Biblioteka shkol'nika)

DRABKINA, E.IA. [Where robots replace people, notes on the intensification of labor and introduction of automation in capitalist countries] Gde raboty vytesniaiut liudei, zametki ob intensifikatsii truda i vnedrenii avtomatiki v stranakh kapitala. Izd. 2., dop. Moskva, Gos. izd-vo polit. lit-ry, 1961. 141 p.

DRIZINA, T.Z., and A.A. FERBER. [Wages for automobile chauffeurs; work practice of automotive transportation units of the Latvian S.S.R.] Oplata truda shoferov avtomobilei, opyt raboty avtotransportnykh khoziaistv Latviiskoi SSR. Riga, Latviiskoe Gos. izd-vo, 1961. 103 p.

DUBINSKII, M.I. [Economic advantages of coal mining by means of cutter-loader units] Ekonomicheskaia effektivnost' kombainovoi vyemki uglia na shakhtakh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 64 p.

EESTI NSV TEADUSTE AKADEEMIA. [Finno-Ugrian studies in the Estonian S.S.R.] Finnougrovedenie v Estonskoi SSR, 1945-1960; kratkaia bibliografiia. Tallin, 1961. 14 p.

EFIMOV, A.N., ed. [Economy of the U.S.S.R. in the postwar period, concise economic survey] Ekonomika SSSR v poslevoennyi period; kratkii ekonomicheskii obzor. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1962. 486 p.

ELOVATSKII, I.P. [A land of a thousand islands] Strana tysiach ostrovov. Moskva, Izd-vo "Znanie," 1961. 61 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 12, Geologiia i geografiia, no. 24)

EVDOKIMOV, A.A. [Indivisible funds of collective farms in the Ukraine] Nepodil'ni fondi kolhospiv Ukrainy. Kyiv, Derzh. vyd-vo sil's'kohospodars'koi lit-ry Ukrains'koi RSR, 1959. 118 p.
(DA)

FALKNER-SMITH, MARY. [Outline history of bourgeois political economy (the mid-nineteenth to the mid-twentieth century)] Ocherki istorii burzhuaznoi politicheskoi ekonomii (seredina XIX - seredina XX vv.). Moskva, Izd-vo sots.-ekon. lit-ry, 1961. 295 p.
(CU)

FEDORENKO, N. P. [Economics of the industry of synthetic products] Ekonomika promyshlennosti sinteticheskikh materialov. Moskva, Izd-vo ekon. lit-ry, 1961. 614 p.

GAIDUKOV, IU. A. [Analyzing the fulfillment of the production program and technological development plan of an enterprise] Analiz vypolneniia proizvodstvennoi programmy i plana tekhnicheskogo razvitiia predpriiatiia. Moskva, Izd-vo ekon. lit-ry, 1961. 55 p. (V pomoshch' propagandistam i slushateliam sети partiinogo prosveshcheniia)

GAL'PERIN, G. L. [The Republic of Togo] Respublika Togo. Moskva, Gos. izd-vo geogr. lit-ry, 1961. 46 p. (U karty mira)

[MICROFILM]

GANIUSHKIN, V. A. [Worker's dynasty] Rabochaia dinastiia. Moskva, Gos. izd-vo polit. lit-ry, 1961. 100 p.

GARETOVSKII, N. V. [Enterprise fund; new order for its formation and utilization] Fond predpriiatiia, novyi poriadok obrazovaniia i ispol'zovaniia. Moskva, Gosfinizdat, 1961. 43 p. (Finansy promyshlennosti)

GERNET, M. N. [History of czarist prisons in five volumes] Istoriia tsarskoi tiur'my v piati tomakh. Izd. 3. Moskva, Gos. izd-vo iurid. lit-ry.
Vol. 3. 1870-1900. 1961. 430 p.

[THE GIANT OF THE BURYAT A. S. S. R., historic and economic essay on the Order of Lenin Locomotive and Car Plant in Ulan-Ude] Gigant Buriatii, istoriko-ekonomicheskii ocherk Ulan-Udenskogo ordena Lenina parovozo-vagonnogo zavoda. [By] V. Beznosov i dr. Ulan-Ude, Buriatskoe knizhnoe izd-vo, 1960. 152 p.

GOLOVNEV, A. I. [Communism and culture] Kommunizm i kul'tura. Minsk, Ob-vo po rasprostraneniiu polit. i nauch. znanii BSSR, 1961. 31 p.

GOLOVTSOVA, A. N., and A. V. KOGAI. [How to read the balance sheet of an industrial enterprise] Kak chitat' balans predpriiatiia. [Leningrad] Lenizdat, 1961. 70 p.

GONCHAROV, L. V. [Imperialist exploitation of English colonies in Africa] Imperialisticheskaia ekspluatatsiia angliiskikh kolonii v Afrike. Moskva, Izd-vo in-ta mezhdunarodnykh otnoshenii, 1961. 150 p.

GORELIKOV, S. G. [Iran, economic and geographical features] Iran, ekonomiko-geograficheskaia kharakteristika. Moskva, Gos. izd-vo geogr. lit-ry, 1961. 351 p.

GOSUDARSTVENNYI PROEKTNYI INSTITUT PO PROEKTIROVANIIU ZAVODOV STROITEL'NYKH MATERIALOV. [Recommended number of workers in plants producing clay bricks] Tipovye shtaty rabochikh zavodov glinianogo kirpicha. Moskva, 1959. 221 p.
[MICROFILM]

GOVORKOV, V. V. [Foreign economic relations of the Soviet Union; explanatory brochure for a wall map] Vneshneekonomicheskie sviazi Sovetskogo Soiuza; poiasnitel'naia broshiura k plakatu-karte. Moskva, Izd-vo "Znanie," 1961. 15 p.

HORA, O. T. [Labor contribution of the Ukrainian people to the building of socialism] Trudovyi vklad ukrains'koho narod v pobudovu komunizmu. Kyiv, 1961. 47 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 1, no. 24)

IAGODKIN, V. N. [Production of relative surplus value, comments on the fourth section of the first volume of Karl Marx's "Capital"] Proizvodstvo otnositel'noi prihavochnoi stoimosti; kommentarii k IV otdelu I toma "Kapitala" K. Marksa. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 60 p. (V pomoshch' izuchaiushchim "Kapital" K. Marksa)

IASECHUK, N. A. [Accounting for expenditures and costs analysis on collective farms; practice of "Leninskii Shliakh" Collective Farm in Vinnitsa District, Vinnitsa Province] Uchet zatrat i analiz sebestoimosti produktsii v kolkhoze; opyt kolkhoza "Leninskii shliakh" Vinnitskogo raiona Vinnitskoi oblasti. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 166 p.

IL'IN, M. I., and G. I. KUBLITSKII. [Your Russia] Tvoia Rossiia. Moskva, Gos. izd-vo detskoi lit-ry M-va prosv. RSFSR, 1961. 80 p.

ITIGIN, A. S. [Communists take the lead] Vperedi kommunisty. [Leningrad] Lenizdat, 1961. 64 p.

IVANOVSKII, S. V., comp. [Enthusiasts of cultural and educational work] Entuziasty kul'turno-prosvetitel'noi raboty. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 110 p. (Bibliotechka sel'skogo klubnogo rabotnika, no. 14)

KACHURIN, P. D., IA. I. FISHKOV, and S. M. IPSHTEIN. [Estimates for the construction of industrial enterprises] Smety na stroitel'stvo ob"ektov promyshlennykh predpriiatii. Pod red. V. I. Maliugina. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 167 p.

KAHK, J. [Riots and reforms, the peasants' class struggle and the landowners' agrarian policy in Estonia, 1790-1840] Rahutused ja reformid, talupoeg ja klassivõitlus ja mõisnik agraarpoliitika Eestis XVIII ja XIX sajandi vahetusel, 1790-1840. Tallinn, Eesti Riiklik Kirjastus, 1961. 649 p. [In Estonian]

KANSKII, K. P., ed. [Organization and planning of production on collective farms] Organizatsiia i planuvannia kolhospnoho vyrobnytstva. Kyiv, Derzh. vyd-vo sil's'kohospodars'koi lit-ry URSR, 1960. 348 p. (Bibliioteka kolhospnoho aktyvu)
(DA)

KANTOROR, S. E. [Amortization and the depreciation of machinery in the construction industry] Amortizatsiia i moral'nyi znos mashin v stroitel'stve. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1959. 90 p.

KAPSKII, V. A., and D. I. KORKOTSENKO. [Struggle of the CPSU for the new upsurge in agriculture in 1953-1961] Bor'ba KPSS za novyi pod"em sel'skogo khoziaistva v 1953-1961 gg. Moskva, Gos. izd-vo "Vysshaia shkola," 1962. 174 p.

KASKOV, A. I. [First workingmen's club] Pervyi rabochii klub. [Moskva] Izd-vo VTsSPS Profizdat, 1961. 101 p.

KASPE, M. I. [How to determine whether a construction organization is doing good work or bad] Kak opredelit', khorosho ili plokho rabotaet stroitel'naia organizatsiia. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 51 p. (V pomoshch' ekonomicheskomu obrazovaniiu rabochikh, brigadirov i masterov-stroitelei)

KAZAKIN, V. V., and M. V. DREMIN. [New wage system in the construction industry] Novye usloviia oplaty truda v stroitel'stve. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 92 p.

KHEINMAN, S. A. [Economic problems in the organization of industrial production] Ekonomicheskie problemy organizatsii promyshlennogo proizvodstva. Moskva, Gos. izd-vo polit. lit-ry, 1961. 335 p.

KHOTILOVSKAIA, L. V. [The Pioneers as an example to other children, one of the Pioneers' laws] Pioner - rebiatam primer, ob odnom iz pionerskikh zakonov. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1959. 59 p.

KHRUSHCHEV, N. S. [Every Soviet republic should make a worthy contribution to the building of communism] Kazhdaia sovetskaia respublika dolzhna vnesti dostoinyi vklad v stroitel'stvo kommunizma; rech' na sovveshchanii rabotnikov sel'skogo khoziaistva Belorusskoi SSR v gor. Minske 12 ianvaria 1962 goda. Moskva, Gos. izd-vo polit. lit-ry, 1962. 45 p.

KHRUSHCHEV, N. S. [Increasing agricultural production is an important task in the building of communism, a speech at the Conference of Agricultural Workers of the Ukraine, held in Kiev, December 22, 1961] Uvelichenie proizvodstva sel'skokhoziaistvennykh produktov - vazhneishaia zadacha kommunisticheskogo stroitel'stva, rech na soveshchanii rabotnikov sel'skogo khoziaistva Ukrainskoi SSR 22 dekabria 1961 goda v gorode Kieve. Moskva, Gos. izd-vo polit. lit-ry, 1961. 47 p.

KIREEV, P. A. [Organization of work in a mixed brigade] Organizatsiia truda v kompleksnoi brigade. [Moskva] Mosk. rabochii, 1961. 44 p. (Stroiteli obmenivaiutsia opytom)

KISELEV, IA. S. [Extortionists] Vymogateli. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 45 p. (Iz zala suda)

KNYSH, IRENA. [Women yesterday and today] Zhinka vchora i s'ohodni; vybrani statti. Winnipeg, Nakladom avtorky, 1958. 196 p.
(IU)

KNYSHEV, I. N., and V. M. PRON'. [Our confident steps] Tverdoi postup'iu. Kiev, 1961. 45 p. (Obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii Ukrainskoi SSR. Ser. 1, no. 20)

KOLOMIN, E. V. [Economic significance of insuring collective farm property] Ekonomicheskoe znachenie strakhovaniia imushchestva kolkhozov. Moskva, Gosfinizdat, 1961. 65 p.

KOMMUNISTICHESKAIA PARTIIA SOVETSKOGO SOIUZA. TSentral'nyi Komitet. Plenum, March 1962. [Present-day stage of the building of communism and tasks of the party in the improvement of agriculture] Sovremennyi etap kommunisticheskogo stroitel'stva i zadachi partii po uluchsheniiu rukovodstva sel'skim khoziaistvom, postanovlenie. Moskva, Gos. izd-vo polit. lit-ry, 1962. 19 p.

KOMMUNISTICHESKAIA PARTIIA SOVETSKOGO SOIUZA. TSentral'nyi komitet. [Rapid development of agriculture should be a concern of the entire party and all Soviet people] Delo vsei partii, vsego naroda - dobit'sia moshchnogo pod"ema sel'skogo khoziaistva! Obrashchenie TSentral'nogo Komiteta KPSS . . . Moskva, Gos. izd-vo polit. lit-ry, 1962. 14 p.

KOMMUNISTICHESKAIA PARTIIA SOVETSKOGO SOIUZA. Vysshaia partiinaia shkola. [Finances and credit of the U. S. S. R., textbook] Finansy i kredit SSSR, uchebnoe posobie. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1962. 253 p.

KONFERENTSIIA, POSVIASHCHENNAIA VOPROSAM POVYSHENIIA UROVNIA ZHIZNI TRUDIASHCHIKHSIA LATVIISKOI SSR, Riga, 1960. [Problems in improving the living standards of workers] Voprosy povysheniia urovnia zhizni trudiashchikhsia, materialy. Riga, Izd-vo Akad. nauk Latviiskoi SSR, 1961. 318 p.

KORNILOV, IU. E. [Strains of songs over the construction site] Pesnia nad stroikoi. [Moskva] Izd-vo VTsSPS, Profizdat, 1961. 114 p.

KOZHEVNIKOV, V. A., and I. A. SEDOV. Laos. Moskva, Gos. izd-vo geogr. lit-ry, 1962. 44 p. (U karty mira)

KUDRIAVTSEV, A. S., ed. [Labor economics in the U. S. S. R.] Ekonomika truda v SSSR, 2., perer. izd. [Moskva] Izd-vo VTsSPS Profizdat, 1961. 623 p.

KUSKOV, E. I. [In the same rank toward the cherished goal] V odnom stroiu k zavetnoi tseli. Moskva, Gos. izd-vo polit. lit-ry, 1961. 61 p. (Bibliotechka znanii o kommunizme, no. 11)

KUTS, M. K., and IU. T. PONOMAREV. [Main sources of the increase of labor productivity in U. S. S. R. industry] Osnovnye istochniki rosta proizvoditel'nosti truda v promyshlennosti SSSR. Leningrad, Ob-vo po rasprostr. polit. i nauchn. znanii RSFSR, 1961. 53 p.

KUVSHINOV, I. S., and M. N. GUMEROV. [Price and price formation of farm products, a lecture] TSena i tsenoobrazovanie na produkty sel'skogo khoziaistva, lektsiia. Moskva, Mosk. sel'khoz. akad. im. K. A. Timiriazeva, 1960. 87 p.

KUZNETSOV, A. V. [Communist labor will triumph, from the experience of communist labor groups in Leningrad industries] Kommunisticheskii trud pobedit, iz opyta raboty kollektivov kommunisticheskogo truda promyshlennykh predpriiatii Leningrada. [Leningrad] Lenizdat, 1961. 101 p.

KUZNETSOV, I. N. [Economic efficiency of using accounting and calculating machines] Ekonomicheskaia effektivnost' primeneniia schetno-vychislitel'nykh mashin. Moskva, Izd-vo ekon. lit-ry, 1961. 78 p. (Ekonomicheskoe samoobrazovanie)

KUZNITSOV, P. I., and M. IA. RATGAUZER. [Role of the intelligentsia in the struggle for technological progress, some forms of cooperation between science and industry] Rol' intelligentsii v bor'be za tekhnicheskii progress, formy sodruzhestva nauki i proizvodstva. Leningrad, Ob-vo po rasprostr. polit. i nauchn. znanii RSFSR, 1961. 64 p.

[LABOR AND WAGES IN COMMERCE] Trud i zarabotnaia plata v torgovle, sbornik rukovodiashchikh materialov. [Sost. G. IA. Fomin] Moskva, Gos. izd-vo torgovoi lit-ry, 1959. 277 p.
(NNC)

LAGOVSKII, A. N. [Strategy and economics, a brief account of their interrelation and mutual influence] Strategiia i ekonomika, kratkii ocherk ikh sviazi i vzaimnogo vliianiia. 2., perer. i dop. izd. Moskva, Voen. izd-vo M-va oborony SSSR, 1961. 262 p.

LAVROV, V. V., R. A. KUDRIASHOV, and A. M. SHUVALOV. [State budget] Gosudarstvennyi biudzhet. Moskva, Gosfinizdat, 1961. 230 p.

LENINGRAD. INSTITUT INZHENEROV ZHELEZNODOROZHNOGO TRANSPORTA. [Struggle of the Communist Party for the development of Soviet railroads] Iz istorii bor'by Kommunisticheskoi partii za razvitie sovetskogo zheleznodorozhnogo transporta. Leningrad, 1960. 248 p. (Its Uchenye zapiski kafedry marksizma-leninizma)
(MH)

LENINGRAD. INSTITUT ISTORII PARTII. [For a sharp upsurge in agriculture, from the work practice of the party organizations of Leningrad Province, 1953-1960] Za krutoi pod"em sel'skogo khoziaistva, iz opyta raboty partiinykh organizatsii Leningradskoi oblasti, 1953-1960 gg. [Leningrad] Lenizdat, 1961. 218 p.

LIKIN, A. I., I. G. GRIBOV, and I. S. REMENNIKOV. [Wages of workers engaged in locomotive operation, maintenance and repair, handbook] Oplata truda rabotnikov lokomotivnogo khoziaistva, spravochnik. Pod obshchei red. I. F. IUrchenko. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 254 p.

LISITSIAN, N. S. [Issuing credit on the basis of the turnover of material values] Kredit po oborotu material'nykh tsennostei. Moskva, Gosfinizdat, 1961. 166 p.

LIUTTSAU, A. G., and others. [On the road of great initiative] Po puti velikogo pochina. [Moskva] Transzheldorizdat, 1961. 75 p.

LYTKIN, N. K. [Economics, organization and planning in the leather enterprises] Ekonomika, organizatsiia i planirovanie kozhevennykh predpriiatii. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1961. 359 p.

MAKHSUTOV, D. A. [Lighthouses in the steppe] Maiaki v stepi. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 19 p. (Tebe, Rodina, nash trud!)

MAL'TSEV, M. M. [Highest reward] Vysshaia nagrada. Moskva, Voen. izd-vo M-va oborony SSSR, 1962. 142 p.

MATVEEV, G. P., G. A. PRIVALOVSKAIA, and B. S. KHOREV. [The Volga-Vyatka Region, economic and geographical features] Volgo-Viatskii raion, ekonomiko-geograficheskaia kharakteristika. Moskva, Gos. izd-vo geogr. lit-ry, 1961. 533 p.

MEDVEDEV, M. V. [World-wide socialist system] Mirovaia sotsialisticheskaia sistema. Pod obshchei red. F. V. Nosova. [Leningrad] Lenizdat, 1961. 60 p. (Besedy na politicheskie temy)

MEZHRESPUBLIKANSKII SEMINAR-SOVESHCHANIE NA TEMU "SOVETSKAIA PRIBALTIKA V BRATSKOI SEM'E NARODOV SSSR," Riga, 1960. [Soviet Baltic States in the fraternal family of U. S. S. R. peoples] Sovetskaia Pribaltika v bratskoi sem'e narodov SSSR, materialy. Riga, Latviiskoe gos. izd-vo.
Vol. I. 1960. 94 p.

MONGOLIA (Mongolian People's Republic) TSentral'noe statisticheskoe upravlenie. [National economy of Mongolia during the past 40 years] Narodnoe khoziaistvo Mongol'skoi Narodnoi Respubliki za 40 let; statisticheskii sbornik. Ulan-Bator, 1961. 195 p. (DS)

MOROZOVA, I. A. [Balance statement of the national economy and methods for compiling it] Balans narodnogo khoziaistva i metody ego postroeniia. Moskva, Gosstatizdat TsSU SSSR, 1961. 143 p.

MOSCOW. AKADEMIIA OBSHCHESTVENNYKH NAUK. [Intensification of the decay of capitalism under the conditions of a new stage of general crisis] Usilenie zagnivaniia kapitalizma v usloviiakh novogo etapa obshchego krizisa. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1961. 364 p.

MOSCOW. UNIVERSITET. Ekonomicheskii fakul'tet. Kafedra ekonomiki zarubezhnykh stran. [Characteristics of developing industrial production in capitalist countries] Osobennosti razvitiia promyshlennogo proizvodstva v kapitalisticheskikh stranakh. Pod red. V. A. Zhamina. [Moskva] Izd-vo Mosk. univ., 1961. 239 p.

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT EKONOMIKI SEL'SKOGO KHOZIAISTVA. [Raising the level of the development of collective-farm operation] Povyshenie urovnia razvitiia kolkhoznogo proizvodstva. Moskva, Izd-vo ekon. lit-ry, 1961. 230 p.

MOSCOW. VSESOIUZNYI ZAOCHNYI FINANSOVO-EKONOMICHESKII INSTITUT. [Tasks of Soviet statistics in the light of the decisions of the 21st Congress of the CPSU; consultation] Zadachi sovetskoi statistiki v svete reshenii XXI s"ezda KPSS; konsul'tatsiia. Moskva, M-vo vysshego obrazovaniia SSSR, 1959. 13 p.
[MICROFILM]

MOZIL', IURII, pseud. [Notes of a political prisoner, reminiscences on a Polish prison] Zapysky polityv'iaznia; spomyny z pol's'koi tiurmy. Toronto, "Dobra knyzhka," 1958. 128 p. (TSikavi opovidannia, no. 31-35)
(InU)

NATAN, ZHAK. [History of the economic development of Bulgaria. Translated from the Bulgarian] Istoriia ekonomicheskogo razvitiia Bolgarii. Pred i red. A. N. Kirshevskoi. Moskva, Izd-vo inostr. lit-ry, 1961. 498 p.

NATMELADZE, M. V., and N. I. STURUA. [History of the Georgian laboring classes, 1921-1958] Iz istorii rabochego klassa Gruzii, 1921-1958 gg. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1961. 248 p.

NAUCHNOE SOVESHCHANIE O PRIMENENII MATEMATICHESKIKH METODOV V EKONOMICHESKIKH ISSLEDOVANIIAKH I PLANIROVANII, Moscow, 1960. [Transactions of the Scientific Conference on the Use of Mathematical Methods in Economic Research and Planning] Trudy. Moskva, Izd-vo Akad. nauk SSSR
Vol. 6. [Use of mathematical methods in technical and economic calculations] Matematicheskie metody v tekhniko-ekonomicheskikh raschetakh. 1961. 166 p.

NAZARENKO, I. T. [Industrial accidents and workers' living standards in the U. S. A.] Proizvodstvennyi travmatizm i zhiznennyi uroven' trudiashchikhsia SShA. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 216 p.

NIKIFOROV, I. A. [Business accounting in a contractual building organization] Khozialstvennyi raschet v podriadnoi stroitel'noi organizatsii. Moskva, Gosfinizdat, 1961. 74 p.

NIKIFOROV, V. N. [Uninterrupted employment record] Nepreryvnyi trudovoi stazh. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 38 p. (IUridicheskie konsul'tatsii dlia naseleniia v voprosakh i otvetakh, no. 21)

[THE NORTHWESTERN PROVINCES OF THE R. S. F. S. R.] Severo-Zapadnye oblasti RSFSR. Moskva, Izd-vo "Sovetskaia Rossiia," 1958. 80 p. (Opyt uchastnikov VSKhV)

NOVITSKII, V. A. [Electrification is the pivoting point in creating the economics of communism] Elektrifikatsiia - stezhen' sozdaniia ekonomiki kommunizma. Minsk, 1961. 26 p. (Obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii Belorusskoi SSR, no. 24)

OGURTSOV, V. V. [Theory of accounting] Teoriia bukhgalterskogo ucheta. Izd. 2., perer. i dop. Dopushcheno v kachestve uchebnika dlia planovo-ekonomicheskikh spetsial'nostei gornykh tekhnikumov. Moskva, Gosgortekhizdat, 1960. 246 p.
(MH)

OMAROV, A. M. [Business accounting in an enterprise] Khozialstvennyi raschet na predpriiatii. Moskva, Gos. izd-vo polit. lit-ry, 1961. 53 p. (Ekonomicheskie znaniia - rabochim)

OMEL'IANENKO, P. D., comp. [Donetsk arsenal] Donetskii arsenal. Stalino, Knizhnoe izd-vo, 1960. 144 p. (Iz istorii fabrik i zavodov)
(MH)

OSTROUMOV, V. V. [Technological progress is the basis of industrial development] Tekhnicheskii progress - osnova razvitiia proizvodstva. Moskva, Izd-vo "Znanie," 1961. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 4, Tekhnika, no. 21)

[OUR BEACONS; collection of articles on progressive workers in lumber, paper, woodworking industries and forestry] Nashi maiaki; sbornik ocherkov o peredovykh liudiakh lesnoi, bumazhnoi i derevoobrabatyvaiushchei promyshlennosti i lesnogo khoziaistva. Moskva, Goslesbumizdat, 1961. 125 p.

PAK, IU. E. [Labor organization in a construction brigade] Organizatsiia truda v stroitel'noi brigade. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 35 p. (V pomoshch' ekonomicheskomu obrazovaniiu rabochikh, brigadirov i masterov stroitelei)

PAL'VANOVA, B. P. [Daughters of the Soviet East] Docheri Sovetskogo Vostoka. Moskva, Gos. izd-vo polit. lit-ry, 1961. 172 p.

PANFEROV, V. I. [Local transportation networks and conditions of their formation] Mestnaia set' putei soobshcheniia i usloviia ee formirovaniia. Moskva, Izd-vo Akad. nauk SSSR, 1961. 131 p. (Problemy razvitiia edinoi transportnoi seti SSSR)

PANOVA, L. T. [Economic crises] Ekonomicheskie krizisy. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 47 p.

PARAKHONSKII, B. M. [Technical and economic problems in air transportation] Tekhniko-ekonomicheskie problemy vozdushnogo transporta. Moskva, Izd-vo Akad. nauk SSSR, 1961. 103 p. (Problemy razvitiia edinoi transportnoi seti SSSR)

PAREMSKII, B. D. [Local industry of the White Russian S. S. R. in the seven-year plan] Mestnaia promyshlennost' Belorusskoi SSR v semiletke. Minsk, 1962. 22 p. (Obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii Belorusskoi SSR, no. 30)

PAVLIUTKIN, S. P. [Organization and planning in foundries] Organizatsiia i planirovanie v liteinykh tsekhakh. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1962. 232 p.

PAVLOVSKII, V. [Economy of modern Thailand] Ekonomika sovremennogo Tailanda. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 182 p.

PEREVOSHCHIKOV, K. A. [Under the sun of India, a land which is fantastic and ordinary] Pod solntsem Indii, strany skazochnoi i obyknovennoi. Moskva, Gos. izd-vo detskoi lit-ry M-va prosv. RSFSR, 1961. 158 p.

PIMENOV, P. T., and V. A. KOROL'KOV. [International trade-union movement] Voprosy mezhdunarodnogo profdvizheniia. [Moskva] Izd-vo VTsSPS Profizdat, 1961. 86 p.

POLIKARPOV, M. S., O. M. GERSHANOVSKII, and A. I. ZHOLKEVICH. [Planning of industrial production in terms of costs] Planirovanie proizvodstva produktsii promyshlennosti v stoimostnom vyrazhenii. Moskva, Izd-vo ekon. lit-ry, 1961. 110 p.

POLOTSKII, S. G. [Some problems in the economics of shipbuilding] Nekotorye voprosy ekonomiki sudostroeniia. Leningrad, Gos. soiuznoe izd-vo sudostroit. promysbl., 1961. 104 p.

PUTIATO, S. M. [Nature of the economic laws of socialism. Economic role of the socialist state] Kharakter ekonomicheskikh zakonov sotsializma. Ekonomicheskaia rol' sotsialisticheskogo gosudarstva, lektsii, prochitannye v akademii. Moskva, Mosk. sel'khoz. akad. im. K. A. Timiriazeva, 1960. 69 p.

ROMANENKO, I. A. [Technical and economic bases for the location of highway systems] Tekhniko-ekonomicheskoe obosnovanie razmeshcheniia seti avtomobil'nykh dorog. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961. 148 p.

ROTSHTEIN, L. A. [Working capital in economic councils; organization and planning] Oborotnye sredstva v sovnarkhozakh; organizatsiia i planirovanie. Moskva, Gosfinizdat, 1961. 110 p.
(MH)

ROZHIN, V. P. [Some problems in improving the economy of weak collective farms] Nekotorye voprosy pod"ema ekonomiki slabykh kolkhozov. Moskva, Izd-vo ekon. lit-ry, 1961. 154 p.

ROZHIN, V. P. [What it means to work in the communist way] Chto znachit trudit'sia po-kommunisticheski. [Leningrad] Lenizdat, 1961. 53 p.

RUSSIA (1917- R. S. F. S. R.) Ministerstvo finansov. [The state budget of the R. S. F. S. R. for 1962 and carrying out the state budget of 1960; report and closing address of the Minister of Finance of the R. S. F. S. R. I. I. Fadeev at the fifth session of the Fifth Supreme Soviet of the R. S. F. S. R., December 14 and 16, 1961. The law on the state budget of the R. S. F. S. R. for 1962] O Gosudarstvennom biudzhete RSFSR na 1962 god i ob ispolnenii Gosudarstvennogo biudzheta RSFSR za 1960 god. Doklad i zakliuchitel'noe slovo Ministra finansov RSFSR deputata I. I. Fadeeva na piatoi sessii Verkhovnogo Soveta RSFSR piatogo sozyva 14 i 16 dekabria 1961 goda. Zakono Gosudarstvennom biudzhete Rossiskoi Sovetskoi Federativnoi Sotsialisticheskoi Respubliki na 1962 god. Moskva, Gosfinizdat, 1961. 36 p.

RUSSIA (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Supplements to Part 16 of the "Manual of consolidated indices of the cost of planning and surveying work; forest and woodworking industry enterprises"] Dopolnenila k chasti 16 spravochnika ukrupnennykh pokazatelei stoimosti proektnykh i izyskatel'skikh rabot; predpriiatiia lesnoi i derevoobrabatyvaiushchei promyshlennosti. Utverzhdeno Gosudarstvennym komitetom Soveta Ministrov SSSR po delam stroitel'stva 1961 g. Moskva, Gosstroizdat, 1961. 5 p.

RUSSIA (1923- U. S. S. R.) Gosudarstvennyi komitet zagotovok. [State purchases of produce] Gosudarstvennye zakupki sel'skokhoziaistvennykh produktov. Moskva, Gos. izd-vo polit. lit-ry, 1961. 86 p.

RUSSIA (1923- U. S. S. R.) Ministerstvo finansov [The state budget of the U. S. S. R. for 1962 and carrying out the state budget for 1960. Report and closing address of the Minister of Finance of the U. S. S. R. V. F. Garbuzov at the seventh session of the Fifth Supreme Soviet of the U. S. S. R., December 6 and 8 1961. The law on the state budget of the U. S. S. R. for 1962] O Gosudarstvennom biudzhete SSSR na 1962 god i ob ispolnenii Gosudarstvennom biudzheta SSSR za 1960 god. Doklad i zakliuchitel'noe slovo Ministra finansov SSSR deputata V. F. Garbuzova na sed'moi sessii Verkhovnogo Soveta SSSR piatogo sozyva 6 i 8 dekabria 1961 g. Zakon Soiuza Sovetskikh Sotsialisticheskikh Respublik o Gosudarstvennom biudzhete Soiuza Sovetskikh Sotsialisticheskikh Respublik na 1962 god. Moskva, Gosfinizdat, 1961. 40 p.

SABEKOV, M. M., and V. M. IAKOVLEV. [Statistics of retail prices in state and cooperative trade] Statistika roznichnykh tsen gosudarstvennoi i kooperativnoi torgovli. Moskva, Gosstatizdat TsSU SSSR, 1961. 93 p.

SAMKNULO, G. M. [Analyzing the production and economic activities of woodworking enterprises] Analiz proizvodstvenno-khoziaistvennoi deiatel'nosti derevoobrabatyvaiushchikh predpriiatii. Moskva, Goslesbumizdat, 1961. 179 p.

SHAFIRKIN, B. I., and P. E. NAUMOV. [Planning of freight transportation] Planirovanie gruzovykh perevozok. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 320 p.

SHANGIN, I. S. [Class struggle in capitalist countries] Klassovaia bor'ba v stranakh kapitala. Pod obshchei red. F. V. Nosova. [Leningrad] Lenizdat, 1961. 56 p. (Besedy na politicheskie temy)

SHARAPOV, G. V. [Solution of the agrarian problem in Russia after the victory of the October Revolution, 1917-1920] Razreshenie agrarnogo voprosa v Rossii posle pobedy Oktiabr'skoi revoliutsii, 1917-1920 gg. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1961. 316 p.

SHEIN, N. V. [State finances of India] Gosudarstvennye finansy Indii. Moskva, Gosfinizdat, 1961. 200 p.

SHIMANIUK, A. P. [Pine forests of Siberia and the Far East; silvicultural characteristics] Sosnovye lesa Sibiri i Dal'nego Vostoka, lesovodstvennaia kharakteristika. Moskva, Izd-vo Akad. nauk SSSR, 1962. 160 p.

SHKURATOV, O. I. [Ways to increase labor productivity in U. S. S. R. industry] Shliakhi pidvyshchennia produktyvnosti pratsi u promyslovosti SRSR. Kyiv, 1961. 46 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 3, no. 11)

SHNIDLIN, IU. L. [Scientifically founded consumption norms] Nauchno obosnovannye normy potrebleniia. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 76 p.

SMETANNIKOVA, N. D. [Educational work in a brigade of communist labor] Vospitatel'naia rabota v brigade kommunisticheskogo truda. [Moskva] Izd-vo VTsSPS Profizdat, 1961. 101 p.

SMIRNOV, D. K. [Methods for consolidating production norms in building operations] Metody ukrupnenila proizvodstvennykh norm na stroitel'nye raboty. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 122 p.

SOBOLEV, D. Z. [In the land of legends] V kraiu legend. Moskva, Izd-vo "Znanie," 1961. 79 p. (Prochti, tovarishchi!)

SUDAVICIUS, B. [Struggle of the Lithuanian Communist Party for the unity of laboring classes, 1934-1937] LKP kova uz darbininku klases vienybe, 1934-1937 metai. Vilnius, Valstybine politines ir mokslines literatures leidykla, 1961. 152 p. [In Lithuanian]

TALUNTIS, E. R. [Courage is work's password] Trud otvagi liubit. [Leningrad] Lenizdat, 1961. 101 p. (Rabotat' i zhit' po-kommunisticheski)

TEORETICHESKAIA KONFERENTSIIA POSVIASHCHENNAIA EKONOMICHESKOMU SOREVNOVANIIU SOTSIALISTICHESKOI I KAPITALISTICHESKOI OBSHCHESTVENNYKH SISTEM, Moscow. [Decisive stage in the economic competition of the two systems] Reshaiushchii etap ekonomicheskogo sorevnovaniia dvukh sistem. Podgotovka i red. osushchestvlena S. P. Prokop'evym. Moskva, Sotsekgiz, 1961. 164 p. (MH)

TIFLIS. Statisticheskoe upravlenie. [Tiflis; statistical collection published for the commemoration of the 40th anniversary of the Soviet regime in Georgia] Tbilisi; k 40-letiiu Sovetskoi vlasti v Gruzii. Statisticheskii sbornik. Tbilisi, 1961. 181 p.

TILLE, A. A., and D. V. SHVEITSER. [Examination of labor disputes in the U. S. S. R., a textbook on the course "Basic principles of the Soviet state and law"] Rassmotrenie trudovykh sporov v SSSR, uchebnoe posobie po kursu Osnovy Sovetskogo Gosudarstva i prava. Moskva, Vses. zaochnyi finansovo-ekon. in-t, 1959. 22 p.

[MICROFILM]

TOMASEVSKIS, S. [Norms of output and wages in industrial enterprises] Darbo normavimas ir darbo uzmokestis pramones imonese. Vilnius, Valstybine politines ir mokslines literatures leidykla, 1961. 42 p. [In Lithuanian]

[TRADE UNIONS OF THE PEOPLE'S DEMOCRACIES, concise reference book] Profsoiuzy stran narodnoi demokratii; kratkii spravochnik. [Moskva] Izd-vo VTsSPS Profizdat.
No. 1 1961. 109 p.

TSAPENKO, N. G., and TURSUNBAI TADZHIMOV. [The Kara-Kalpak A. S. S. R., concise handbook] Kara-Kalpakskaia ASSR, kratkii spravochnik. Tashkent, Gos. izd-vo Uzbekskoi SSR, 1960. 108 p.

[MICROFILM]

TSARITSINA, G. A. [Business accounting and profit Value and costs] Khoziaistvennyi raschet i rentabel'nost'. Stoimost' i sebestoimost'. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 67 p.

UGRIUMOV, V. I. [Newest theories of present-day bourgeois sociology] Noveishie teorii sovremennoi burzhuaznoi sotsiologii. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 66 p.

USPENSKII, A. A. [Economic development of the Korean People's Democratic Republic] Ekonomicheskoe razvitie Koreiskoi Narodno-Demokraticheskoi Respubliki. Moskva, Vses. zaochnyi finansovo-ekon. in-t, 1959. 19 p.

[MICROFILM]

USPENSKII, V. V. [Lowering costs in construction] Snizhenie sebestoimosti v stroitel'stve. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 31 p. (V pomoshch' ekonomicheskomu obrazovaniiu rabochikh, brigadirov i masterov-stroitelei)

USPENSKII, V. V. [What determines costs in construction?] Iz chego skladyvaetsia stoimost' i sebestoimost' v stroitel'stve. [Moskva] Mosk. rabochii, 1961. 33 p. (Ekonomicheskie znaniia - kazhdomu stroiteliu)

USTINOV, M. A. [New developments in collective-farmers' wages] Novoe v oplate truda kolkhoznikov. Pod red. M. I. Moiseeva. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 46 p. (Osnovy ekonomiki sel'skokhoziaistvennogo proizvodstva populiarnaia serila)

VEIMER, ARNOLD [Comprehensive development and specialization of industries in the Estonian Economic Administrative Region] Kompleksnoe razvitie i spetsializatsiia promyshlennosti Estonskogo ekonomicheskogo administrativnogo raiona. Tallinn, Estonskoe gos. izd-vo, 1961. 347 p.

[MICROFILM]

VEINBERG, A. M. [Impoverishment of the proletariat in bourgeois Latvia] Obnishchanie proletariata v burzhuaznoi Latvii. Riga, Latvilskoe Gos. izd-vo, 1961. 247 p.

VENZOVSKII, A. I. [Machinery manufacturing industry of Kazakhstan in the current seven-year plan] Mashinostroitel'naia promyshlennost' Kazakhstana v tekushchem semiletii. Alma-Ata, TSentr. in-t nauchno-tekhn. informatsii, 1960. 11 p.

VIKULOV, A. P. [Methodology for preparing and giving lectures on economics] O metodike podgotovki i chtenila lektsii po politicheskoi ekonomii. Leningrad, Ob-vo po raspr. polit. i nauchn. znanii RSFSR, 1961. 46 p.

VOEVODIN, E. V. [His roads are oceans] V okeanakh ego puti. [Leningrad] Lenizdat, 1961. 65 p. (Nashi sovremenniki)

VOINOV, A. M., and O. I. TARNOVSKII. [Toward a common aim with a united front; on the economic cooperation of socialist countries] Edinym frontom k edinoi tseli; ob ekonomicheskom sotrudnichestve sotsialisticheskikh stran. Moskva, Izd-vo "Znanie," 1961. 46 p. (Vsesoiuznoe obshchestva po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 3, no. 23/24)

VOITOLOVSKII, V. N., and L. G. ZVEREV. [Profit of an industrial enterprise] Rentabel'nost' promyshlennogo predpriiatiia. [Leningrad] Lenizdat, 1961. 28 p. (Osnovy ekonomicheskikh znanii kazhdomu rabochemu)

VOLKOV, L. S. [The best of our souls] Dushi prekrasnye poryvy. [Moskva] Mosk. rabochii, 1961. 59 p.

VOROTILOV, V. A. [Efficiency of capital investments in a socialist society; theoretical problems] Effektivnost' kapital'nykh vlozhenii v sotsialisticheskom obshchestve, voprosy teorii. [Leningrad] Izd-vo Leningr. univ., 1961. 160 p.

VOROB'EV, N. IA. [Studies on the history of industrial statistics in prerevolutionary Russia and the U. S. S. R., methods of collecting and processing statistical data] Ocherki po istorii promyshlennoi statistiki v dorevoliutsionnoi Rossii i v SSSR, metody nabliudenila i razrabotki. Pod red. S. M. IUgenburga. Moskva, Gosstatizdat, 1961. 130 p.

VOZNIUK, S. I. [The role of civil registry offices in strengthening family bonds] Organy ZAGSu u zmitsnenni radians'koi sim'i. Kyiv, 1961. 39 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 1, no. 19)

YAROSLAVL' (Province) Oblastnoe statisticheskoe upravlenie. [Yaroslavl, statistical collection on the economic and cultural development of the city] [Arosiavl', razvitie khoziaistva i kul'tury goroda; statisticheskii sbornik [Arosiavl', [Aroslavskoe knizhnoe izd-vo] 1961. 138 p.

ZAKARIN, A. Z. [The Kazakh S. S. R., story about the seven-year plan] Kazakhskaia SSR, rasskaz o semiletke. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1961. 103 p.

[MICROFILM]

ZAKHARCHENKO, V. D. [Fifteen unmailed letters] Piatnadtsat' neotpravlennykh pisem. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1961. 269 p.

ZARUBAEV, N. V. [Transforming the face of the earth; outline of the development of irrigation] Preobrazhaia oblik zemli, ocherk ob irrigatsionnom stroitel'stve. [Leningrad] Lenizdat, 1961. 107 p.

ZIUZIN, A. I., and N. KHABAROV. [Profits of state farms] O rentabel'nosti sovkhozov. [Moskva] Mosk. rabochii, 1961. 45 p. (Obshchedostupnaia bibliotechka po ekonomike sel'skokhoziaistvennogo proizvodstva) (MH)

ZOTOV, G. M. [Retail trade in the United States] Roznichnaia torgovlia v SShA. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 164 p.

6. POLITICAL SCIENCE

[ADMINISTRATIVE AND TERRITORIAL DIVISION OF THE GEORGIAN S. S. R.; as of May 1, 1960] Administrativno-territorial'noe delenie Gruzinskoi SSR na 1 maia 1960 goda. Izd. 2. Tbilisi, Otdel po voprosam raboty Sovetov Prezidiuma Verkhovnogo Soveta Gruzinskoi SSR, 1960. 304 p.

[MICROFILM]

AKADEMIIA NAUK SSSR. Institut narodov Azii. [Colonialism is the bitterest enemy of oriental peoples] Kolonializm zleishii vrag narodov Vostoka. Moskva, Izd-vo vostochnoi lit-ry, 1962. 189 p.

ANAN'IN, E. A. [Reminiscences of a revolutionary; 1905-1923] Iz vospominanii revoliutsionera; 1905-1923 g. g. New York, 1961. 75 p. (Inter-University Project on the History of the Menshevik Movement, paper no. 7)

ANDRIUKHIN, M. N. [Genocide is the most horrible crime against humanity] Genotsid - tiagchaishee prestuplenie protiv chelovechestva. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 126 p.

ATAMUKAS, S. [To be a Communist is an honor] Buti komunistu - garbe. Vilnius, Valstybine politines ir mokslines literatures leidykla, 1961. 112 p. [In Lithuanian]

BELOGOLOVTSEV, A. F. [The source of great activity] Istochnik vysokoi aktivnosti. [Leningrad] Lenizdat, 1961. 54 p. (Iz opyta propagandistskoi raboty)

BREGEL', E. IA. [The "theories" of imperialist aggression] "Teorii" imperialisticheskoi agressii. Moskva, Izd-vo "Znanie," 1961. 46 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 2, Filosofiia, no. 23)

BUTENKO, A. P. [War and revolution] Voina i revoliutsiia. Moskva, Gos. izd-vo polit. lit-ry, 1961. 47 p.

CHIZHOV, V. S. [A man joined the party] Chelovek vstupil v partiiu. [Moskva] Mosk. rabochii, 1961. 61 p.

[CURRENT PROBLEMS OF WORLD POLITICS, a review of international events, July 1961-January 1962] Tekushchie problemy mirovoi politiki, mezhdunarodnyi obzor, iiul' 1961 g. - ianvar' 1962 g. Moskva, Izd-vo "Pravda," 1962. 85 p.

DAGHESTAN A. S. S. R. Verkhovnyi Sovet. [The 40th anniversary of Soviet Daghestan, materials of the solemn session of the Supreme Soviet of the Daghestan A. S. S. R., August 20, 1960] Sovetskomu Dagestanu 40 let, materialy iubileinoi sessii Verkhovnogo Soveta Dagestanskoi ASSR, 20 avgusta 1960 goda. Makhachkala, Dagestanskoe knizhnoe izd-vo, 1961. 102 p.

DUKHANOVA, Z. V. [How the Latvian Social Democratic Party struggled for the Alliance of workers and peasants in 1905] Bor'ba LSDRP za soiuz rabochego klassa i krest'ianstva v 1905 godu. Riga, Latviiskoe Gos. izd-vo, 1961. 97 p.

EGOROV, V. N., comp. [Bibliography in international relations, 1945-1960] Mezhdunarodnye otnosheniia, bibliograficheskii spravochnik, 1945-1960 gg. Moskva, Izd-vo In-ta mezhdunarodnykh otnoshenii, 1961. 405 p.

FEDOROV, V. F. [The invisible empire] Nevidimaia imperiia. Moskva, Gos. izd-vo polit. lit-ry, 1961. 94 p.

GILL, MARIO. [Cuba yes! Yankees no! Translated from the Spanish] Kuba - da! IAnki - net! Pod red. i s vstup. stat'ei S. A. Gontonskogo. Moskva, Izd-vo inostr. lit-ry, 1961. 282 p.

GIRSHFEL'D, B. [Workers and peasants faction of the Latvian Parliament] Raboche-krest'ianskaia frakstsiia Latviiskogo seima. Riga, Latviiskoe gos. izd-vo, 1960. 142 p.
(ICU)

[IDEOLOGICAL WORK HAS BEEN IMPROVED AGAIN, how Ukrainian party organizations have carried out the decision of the Central Committee of the CPSU "Present-day objectives of party propaganda."] Ideologichna robota na novomu pidnesenni, z dosvidu roboty partorganizatsii respubliky po vykonanniu postanovy TsK KPRS "Pro zavdannia partiinoi propagandy v suchasnykh umovakh." Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1961. 324 p.

[IN STEP WITH THE TIMES] V nogu so vremenem. [Moskva] Mosk. rabochii, 1962. 133 p. (V pomoshch' agitatoru i propagandistu)

IVANOV, A. N. [The Communist is an energetic fighter for the party] Kommunist - aktivnyi boets partii. [Leningrad] Lenizdat, 1961. 41 p. (Bibliotechka sekretaria partiinoi organizatsii)

KALINYCHEV, F. I., and B. P. KRAVTSOV. [Rule of the people] Vlast' naroda. Moskva, Gos. izd-vo polit. lit-ry, 1962. 86 p.

KAPLANAS, CH. [Uneasy athmosphere in the barracks, from recollections, 1918-1927] Kareivinese neramu, is atsiminimu 1918-1927. Vilnius, Valstybine grozines literaturos leidykla, 1961. 402 p. [In Lithuanian]

KHRUSHCHEV, N. S. [For peace, work, freedom, equality, fraternity, and happiness] Za mir, trud, svobodu, ravenstvo, bratstvo i schast'e, rech na sobranii izbiratelei Kalininskogo izbiratel'nogo okruga goroda Moskvy 16 marta 1962 goda. Moskva, Gos. izd-vo polit. lit-ry, 1962. 31 p.

KIM, A. I. [Soviet electoral system] Sovetskaia izbiratel'naia sistema. Moskva, Gos. izd-vo iurid. lit-ry, 1962. 78 p.

KIRICHENKO, M. G. [Some results of the work of the Fifth Supreme Soviet of the U. S. S. R.] Verkhovnyi Sovet SSSR; k itogam deiatel'nosti Verkhovnogo Soveta SSSR piatogo sozyva. Moskva, Gos. izd-vo iurid. lit-ry, 1962. 94 p.

KLETSKII, L. R. [Black Africa is gaining freedom] Chernaia Afrika obretaet svobodu. Leningrad, Obshchestvo po rasprostraneniiu polit. i nauchnykh znanii RSFSR, 1961. 69 p.

KOMMUNISTICHESKAIA PARTIIA SOVETSKOGO SOIUZA. [Program and statutes of the Communist Party of the Soviet Union] Programma. Ustav. Moskva, Izd-vo polit. lit-ry, 1962. 287 p.

KOSUKHA, P. I. [Lenin and the Communist Youth League] Lenin i komsomol. Kyiv, 1961. 47 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 10, no. 12)

KOVAL', P. D. [Triumph of Leninist principles of the building of communism] Torzhestvo leninskikh printsypiv budivnytstva komunizmu. Kyiv, 1961. 47 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 1, no. 22)

KRASOV, A., and E. PETROV, comps. [With the help of newspapers] Opiraias' na gazetu. [Red. A. Belanovskii] Moskva, Gos. izd-vo polit. lit-ry, 1961. 151 p. (V pomoshch' rabotnikam pechati)

KRIVOGUZ, I. M. [Present-day social democracy and its attitude toward war and peace] Sovremennaia sotsial-demokratiia i ee otnoshenie k voprosam voiny i mira. Izd. 2., ispr. i dop. Leningrad, Ob-vo po rasprostraneniiu polit. i nauch. znanii RSFSR, 1961. 69 p.

KRUTOGOLOV, M. A. [Elections in our country and in theirs] Vybory u nas i u nikh. Moskva, Izd-vo In-ta mezhdunarodnykh otnoshenii, 1962. 110 p.

KULYK, I. IU. [Notes of a consul] Zapysky konsula. Kyiv, Radians'kyi pys'mennyk, 1958. 237 p.

LENIN, V. I. [Complete works] Polnoe sobranie sochinenii. Izd. 5. Moskva, Gos. izd-vo polit. lit-ry. Vol. 26. [July 1914-August 1915.] Iiul' 1914 - avgust 1915. 1961. 590 p.

LENIN, V. I. [One step forward and two steps back, a crisis in our party] Shag vpered, dva shaga nazad (Krizis v nashei Partii). Moskva, Gos. izd-vo polit. lit-ry, 1961. 221 p.

LIETUVOS KOMUNISTU PARTIJA. 13. Suvaziavimas, 1961. [Thirteenth Congress of the Lithuanian Communist Party] Lietuvos Komunistu partijos XIII suvaziavimas. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 154 p. [In Lithuanian]

MARX, KARL. [Colonial system of capitalism] O kolonial'noi sisteme kapitalizma. Moskva, Gos. izd-vo polit. lit-ry, 1959. 337 p.
(NNC)

MATIUSHKIN, N. I. [The 20th Congress of the CPSU] Dvadtsatyi s"ezd KPSS. Moskva, Gos. izd-vo polit. lit-ry, 1962. 142 p. (S"ezdy, konferentsii i plenumy TsK KPSS)

MERZLIAKOV, N. S. [The Democratic Republic of Vietnam, governmental system] Demokraticheskaia Respublika V'etnam, gosudarstvennyi stroi. Moskva, Izd-vo IMO, 1961. 191 p.

[METHODOLOGICAL CENTER FOR MOSCOW PROPAGANDISTS] Metodicheskii tsentr moskovskikh propagandistov i agitatorov. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 117 p. (Iz opyta partiinoi raboty)

MILLER, V. O. [Development of the Soviet Latvian state] Razvitie Sovetskoi gosudarstvennosti v Latvii. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 174 p.

NOVIKOV, S. G. [Standing committees of the Supreme Soviet of the U. S. S. R.] Postoiannye komissii Verkhovnogo Soveta SSSR. Moskva, Gos. izd-vo iurid. lit-ry, 1962. 61 p.

PANGONIS, A. [Village council is the organizer of the masses] Apylinkes taryba - masiu organizatorius. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 36 p. [In Lithuanian]

PETROV, D. V. [Workmen and the democratic movement in Japan] Rabochee i demokraticheskoe dvizhenie v IAponii. Moskva, Gos. izd-vo polit. lit-ry, 1961. 190 p.

POPOV, G. P. [For an independent and neutral Laos, political study on the struggle of the progressive forces of Laos for national independence and neutrality] Za nezavisimyi i neitral'nyi Laos; politicheskii ocherk o bor'be progressivnykh sil Laosa za natsional'nuiu nezavisimost' i neitralitet. Moskva, Gos. izd-vo polit. lit-ry, 1961. 94 p.

POPOV, V. K. [Activities of the Udmurt sections attached to the local soviets during the initial years of Soviet power, 1918-1920] Deiatel'nost' udmurtskikh sektsii pri mestnykh Sovetakh v pervye gody Sovetskoi vlasti, 1918-1920 gg. Izhevsk, Udmurtskoe knizhnoe izd-vo, 1960. 30 p.
(MH)

[RESPONSE OF THE HEART; writers comment on the Program of the CPSU] Otklik serdtsa, slovo pisatelei o proekte Programmy Kommunisticheskoi partii Sovetskogo Soiuza. Moskva, Sovetskii pisatel', 1961. 214 p.

RIGA. VALSTS BIBLIOTEKA. [Brief index of studies on the history of the Communist Party of Latvia, 1920-1940] Latvijas Komunistiskas partijas vesture, 1920-1940 g., las literaturas raditajs. Istoriia Kommunisticheskoi partii Latvii, 1920-1940 g., kratkii ukazatel' literatury. Riga, 1960. 70 p. (Serija "Palīga LKP vestures studesanai," no. 4)

RUDENKO, G. F. [Lenin's methodology of research on imperialism] O leninskoi metodologii issledovaniia imperializma. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 57 p.

SCHNEIDER, H. [State control of collective farms through the district soviets of workers' deputies] Kolhoosside riiklik juhtimine rajooni toorahva saadikute noukogu poolt. Tallinn, Eesti Riiklik Kirjastus, 1959. 209 p.

SHEIKO, E. P., comp. [Militant youth] IUnost' boevaia, sbornik [Novosibirsk] Novosibirskoe knizhnoe izd-vo, 1960. 229 p.
(MH)

SHILOV, B. F. [Lofty ideals are an assurance for triumph] Vysokaia ideinost', zalog pobedy. [Leningrad] Lenizdat, 1960. 61 p. (Bibliotechka sekretaria partiinoi organizatsii)
(MH)

STEPANOV, A. S. [The Tenth Congress of the Russian Communist Party (Bolshevik)] Desiatyi s"ezd RKP (b). Moskva, Gos. izd-vo polit. lit-ry, 1961. 117 p. (S"ezdy, konferentsii i plenumy TsK KPSS)

SUKHANOV, N. A. [Do creative work in the name of the victory of communism, practices of the Leningrad party organization in the field of literature and art] Tvorit' vo imia pobedy kommunizma, iz opyta raboty Leningradskoi partiinoi organizatsii v oblasti literatury i iskusstva. [Leningrad] Lenizdat, 1961. 150 p.

TUMANOV, P. V. [Procedure and organization of elections to the Supreme Soviet of the U. S. S. R.] Poriadok organizatsii i provedeniia vyborov v Verkhovnyi Sovet SSSR. Moskva, Gos. izd-vo iurid. lit-ry, 1962. 31 p.

TURKMEN S. S. R. Verkhovnyi Sovet. [Meetings of the Fourth Supreme Soviet of the Turkmen S. S. R., sixth session, January 20-21, 1959. Verbatim report] Zasedaniia Verkhovnogo Soveta Turkmenskoi SSR, chetvertogo sozyva, shestaia sessiia (20-21 ianvaria 1959 goda). Stenograficheskii otchet. Ashkhabad, Turkmenskoe gos. izd-vo, 1960. 193 p. [Parallel texts in Turkmen and Russian]

[VISIT OF A PARTY AND GOVERNMENT DELEGATION OF THE RUMANIAN PEOPLE'S REPUBLIC TO THE U. S. S. R.] Prebyvanie partiino-pravitel'stvennoi delegatsii Rumynskoi Narodnoi Respubliki v SSSR, 31 iulia-12 avgusta 1961 goda; sbornik materialov. Moskva, Gos. izd-vo polit. lit-ry, 1961. 227 p.

VODOLAGIN, V. M., G. V. IVANOV, and V. P. KOSTIN, compp. [Guide for the voter] Sputnik izbiratelia. Moskva, Gos. izd-vo polit. lit-ry, 1962. 255 p.

VSESOIUZNOE SOVESHCHANIE PO VOPROSAM IDEOLOGICHESKOI RABOTY, Moscow, 1961. [The 22th Congress of the CPSU and the problems of ideological work; materials of the conference] XXII s"ezd KPSS i voprosy ideologicheskoi raboty, materialy. Moskva, Gos. izd-vo polit. lit-ry, 1962. 462 p.

VYNNYCHENKO, I. A. [Be an internationalist!] Bud' internatsionalistom. Kyiv, 1961. 45 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 10, no. 11)

[WE ARE WITH YOU, OUR PARTY!] Z toboiu, partiie! Kyiv, Vyd-vo TsK LKSMU "Molod'," 1961. 196 p.

[WHERE WE LIVE, mass political work of the party and Moscow community organizations among the local population] Tam, gde my zhivem; opyt massovo-politicheskoi raboty partiinykh i obshchestvennykh organizatsii g. Moskvy sredi naseleniia po mestu zhitel'stva. [Moskva] Mosk. rabochii, 1961. 227 p.

WHITE RUSSIA. Verkhovnyi Sovet. [Meetings of the Fifth Supreme Soviet of the White Russian S. S. R., fifth session, June 14-15, 1961; verbatim report] Piataia sessiia Verkhovnogo Soveta Belorusskoi SSR, piatogo sozyva (14-15 iiunia 1961 goda). Stenograficheskii otchet. Minsk, Gos. izd-vo BSSR, Red. sotsial'no-ekon. lit-ry, 1961. 231 p.

ZHAMIN, V. A. [World system of socialism; a lecture] Mirovaia sotsialisticheskaia sistema; lektsiia. [Moskva] Izd-vo Mosk. univ., 1961. 66 p.

7. LAW

ALEKSEEV, S. S. [General theoretical problems concerning the system of Soviet law] Obshchie teoreticheskie problemy sistemy sovetskogo prava. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 184 p

BELIAEVA, Z. S. [Legal status of combined enterprises and funds of several collective farms] Pravovoe polozhenie mezhkolkhoznykh ob"edinenii i fondov. Moskva, Gos. izd-vo iurid. lit-ry, 1962. 115 p.

BODRSKOV, S. A. [Release on probation] Peredacha na poruki. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 77 p.

BYKHOVSKII, I. E. [Combination and separation of cases in Soviet criminal procedure] Soedinenie i vydelenie ugolovnykh del v sovetskom ugolovnom protsesse. Otvet. red. Terebilov, V. I. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 75 p.

GAL'PERIN, I. M., and F. A. POLOZKOV. [Public participation in Soviet criminal procedure] Uchastie obshchestvennosti v sovetskom ugolovnom protsesse. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 135 p.

IAKUBOVICH, M. I., and V. A. VLADIMIROV, eds. [Offenses against the security of the Soviet state, a textbook on Soviet criminal law] Gosudarstvennye prestupleniia; uchebnoe posobie po sovetskomu ugolovnomu pravu. [By] V. A. Vladimirov i dr. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 227 p.

IURKEVICH, N. G. [Grounds for divorce in Soviet domestic relations] Osnovaniia razvoda po sovetskomu semeinomu pravu. Minsk, Izd-vo Belgosuniv., 1959. 80 p.
(CLU)

KRASNOV, N. I. [Legal status of land reserved for special purposes] Pravovoi rezhim zemel' spetsial'nogo naznacheniia. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 214 p.

LESOVIKOV, E. A. [The court is in session; everybody rise!] Sud idet - proshu vstat'! [Odessa] Odesskoe knizhnoe izd-vo, 1961. 30 p.

LINENBURG, G. A., and N. N. LEONOVA. [Fellow workers' courts in industrial enterprises] Tovarishcheskii sud na predpriiatii. Izd. 2., perer. i dop. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 98 p.

LITHUANIAN S. S. R. Laws, statutes, etc. [Criminal procedure code of the Lithuanian S. S. R.] Ugolovno-protsessual'nyi kodeks Litovskoi Sovetskoi Sotsialisticheskoi Respubliki. Vil'nius, Gos. izd-vo polit. i nauchn. lit-ry, 1961. 336 p.

MASLOV, V. F. [Right of ownership and the use of private property in the U. S. S. R.] Osushchestvlenie i zashchita prava lichnoi sobstvennosti v SSSR. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 235 p.

MEZGER, EDMUND, ADOLF SCHONKE, and HANS-HEINRICH JESCHECK, eds. [Present-day criminal law of foreign countries] Sovremennoe zarubezhnoe ugolovnoe pravo. Pod red. i s predisl. A. A. Piontkovskogo. Moskva, Izd-vo inostr. lit-ry.
Vol. 3 [Chile, England, Greece, Austria. Translated from the German] Chili. Angliia. Avstriia. 1961. 758 p.

MOSCOW. VOENNO-POLITICHESKAIA AKADEMIIA. [Basic principles of Soviet military law] Osnovy sovetskogo voennogo zakonodatel'stva; posobie dlia ofitserov Sovetskoi Armii i Voenno-Morskogo Flota. Moskva, Voen. izd-vo M-va obor. SSSR, 1962. 351 p.

MOSCOW. VSESOIUZNYI INSTITUT IURIDICHESKIKH NAUK. [Commentaries to judicial practice in civil cases] Nauchnyi kommentarii sudebnoi praktiki po grazhdanskim delam. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 145 p.

MOTOVILOVKER, IA. O. [How the Soviet public struggles with crime] Obshchestvennost' v bor'be s prestupnost'iu. [Kemerovo] Kemerovskoe knizhnoe izd-vo, 1961. 93 p.

ORLOWSKI, SLAWOMIR, and RADOSLAW ORTROWICZ. [Erich Koch before the Polish court. Translated from the Polish. Preface by A. I. Poltorak] Erikh Kokh pered pol'skim sudom. Moskva, Izd-vo in-ta mezhdunarodnykh otnoshenii, 1961. 265 p.

OSTROUMOV, S. S. [Soviet judicial statistics; general and special parts] Sovetskaia sudebnaia statistika; chast' obshchaia i spetsial'naia. Izd. 3., perer. i dop. [Moskva] Izd-vo Mosk. univ., 1962. 340 p.

RAMZAITSEV, D. F. [Sale and purchase agreements in U. S. S. R. foreign trade] Dogovor kupli-prodazhi vo vneshnei torgovle SSSR. Moskva, Vneshtorgizdat, 1961. 179 p.

ROVINSKII, I. A., ed. [Soviet financial law] Sovetskoe finansovoe pravo. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 350 p.

RUSSIA (1923- U. S. S. R.) Laws, statutes, etc. ["Basic Principles of the Civil Law of the U. S. S. R. and the Union Republics." "Basic Principles of the Civil Procedure of the U. S. S. R. and the Union Republics."] Osnovy grazhdanskogo zakonodatel'stva Soiuza SSR i soiuznykh respublik. Osnovy grazhdanskogo sudoproizvodstva Soiuza SSR i soiuznykh respublik. Moskva, Izd-vo "Izvestiia Sovetov deputatov trudiashchikhsia SSSR," 1962. 95 p.

RUSSIA (1923- U. S. S. R.) Laws, statutes, etc. [Collected laws of the U. S. S. R. and the decrees of the Presidium of the Supreme Soviet of the U. S. S. R., 1938-1961] Sbornik zakonov SSSR i ukazov Prezidiuma Verkhovnogo Soveta SSSR, 1938 g. - 1961 g. Moskva, Izd-vo "Izvestiia Sovetov deputatov trudiashchikhsia SSSR," 1961. 975 p.

SHARGORODSKII, M. D. [Present-day bourgeois criminal legislation and law] Sovremennoe burzhuaznoe ugolovnoe zakonodatel'stvo i pravo. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 100 p.

STRUVE, V. V. [The state of Lagash; struggle for the development of civil law in Lagash from the 25th to the 24th century B. C.] Gosudarstvo Lagash; bor'ba za rasshirenie grazhdanskogo prava v Lagashe XXV-XXIV vv. do nashei ery. Moskva, Izd-vo vostochnoi lit-ry, 1961. 103 p.

UKRAINE. Law, statutes, etc. [Criminal code of the Ukrainian S. S. R.] Ugolovnyi kodeks Ukrainskoi SSR. Kiev, Gos. izd-vo polit. lit-ry USSR, 1961. 132 p.

ZEIDER, N. B. [Court sessions and judicial judgements in Soviet civil procedure; a textbook] Sudebnoe zasedanie i sudebnoe reshenie v sovetskom grazhdanskom protsesse, uchebnoe posobie. Saratov, Saratovskii iurid. in-t im. D. I. Kurskogo, 1959. 96 p.

8. EDUCATION

ADLEIBA, A. K. [History of cultural work in Abkhazia, 1921-1937] K istorii kul'turnogo stroitel'stva v Abkhazii, 1921-1937. [Sukhumi] Abgosizdat, 1961. 187 p.

AKADEMIIA PEDAGOGICHESKIKH NAUK RSFSR, Moscow. Institut teorii i istorii pedagogiki. [Educational work with grade 1-4 students] Vospitatel'naia rabota s uchashchimisia I-IV klassov; posobie dlia uchitelei i rukovoditelei uchebno-vospitatel'noi raboty v nachal'nykh klassakh shkoly. Pod red. V. G. IAkovleva. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1961. 419 p.

AKADEMIIA PEDAGOGICHESKIKH NAUK RSFSR, Moscow. Institut teorii i istorii pedagogiki. [Manual on educational work in eight-year schools] Rukovodstvo uchebno-vospitatel'noi rabotoi v vos'miletnei shkole. Pod red. M. I. Kondakova i N. I. Sotserdotova. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1961. 357 p.

AKHMAROV, K. SH. [Production training in rural schools] Proizvodstvennoe obuchenie v sel'skoi shkole. Moskva, Izd-vo "Znanie," 1962. 30 p. (Novoe v zhizni, nauke, tekhnike, XI Seriia: Pedagogika, no. 2)

ASEEV, G. M., T. E. NORKINA, and E. A. FLEROVSKII. [Mental work and physical culture] Umstvennyi trud i fizicheskaia kul'tura. Moskva, Izd-vo "Fizkul'tura i sport," 1961. 46 p. (Bibliotechka "Fizkul'tura i Zdorov'e," no. 6)

CHKANIKOV, I. N. [For adults and for children] Dlia vzroslykh i dlia detei. [Moskva] Izd-vo VTsSPS Profizdat, 1961. 118 p.

[COMPETITIVE GYMNASTICS IN THE UKRAINE] Sportyvna gimnastyka na Ukraini. [Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry URSR, 1961] 1 v. (chiefly illus.)

DOBROVNIKOVA, V. K. [Pedagogical ideas and activity of M. V. Lomonosov] Pedagogicheskie idei i deiatel'nost' M. V. Lomonosova. Pod obshchei red. N. K. Goncharova. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1961. 181 p.

GRIGOR'EVA, A. G. [Inculcating conscious discipline in students by the family] Vospitanie soznatel'noi distsipliny u shkol'nikov v sem'e. Minsk, 1961. 27 p. (Obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii Belorusskoi SSR, no. 20)

IANKELEVICH, E. I. [Healthy childhood] Zdorovoe detstvo. Moskva, Izd-vo "Fizkul'tura i sport," 1961. 61 p. (Bibliotechka "Fizkul'tura i zdorov'e")

LENINGRAD (Province) Gosudarstvennyi istoricheskii arkhiv. [Materials on the history of Leningrad University, 1819-1917, survey of archival documents] Materialy po istorii Leningradskogo universiteta, 1819-1917, obzor arkhivnykh dokumentov. Sost. A. Kh. Gorfunkel', L. A. Nikulina, S. N. Semanov. Pod red. S. N. Valka. [Leningrad] Izd-vo Leningr. univ., 1961. 123 p.

MIAKUSHKOV, V. A. [Inculcating work habits in children by the family] Vospitanie trudovykh navykov u detei v sem'e, prakticheskoe posobie. Moskva, Izd-vo "Znanie," 1961. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 11, Pedagogika, no. 8)

[NEW FEATURES IN THE WORK OF THE INSTITUTIONS OF HIGHER LEARNING] Novoe v rabote vuzov. [Leningrad] Lenizdat, 1961. 157 p.

OSIPOV, I. T., ed. [Physical education for middle-aged and elderly persons] Fizicheskaia kul'tura dlia lits srednego i starshego vozrasta. Moskva, Izd-vo "Fizkul'tura i sport," 1961. 239 p.

OSIPOVA, E. K., and M. B. TSENTSIPER. [School and community] Shkola i obshchestvennost'. Moskva, Izd-vo "Znanie," 1962. 47 p. (Novoe v zhizni, nauke, tekhnike, XI Seriia: Pedagogika, no. 1)

OSOKINA, T. I., and E. A. TIMOFEEVA. [Gymnastics in the kindergarten] Gimnastika v detskom sadu. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1961. 185 p. (Pedagogicheskaia biblioteka uchitelia)

[PEOPLE'S UNIVERSITIES] Narodnye universitety; sbornik statei. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 108 p. (Bibliotechka sel'skogo klubnogo rabotnika, no. 17)

RATSEK, V. I. [The Lenin Peak] Lenin chukkisi. Toshkent, "Kizil Uzbekiston," "Pravda Vostoka" va Uzbekiston Surkh" birlashgan nashrieti, 1961. 45 p. [In Uzbek]

RUSSIA (1917- R. S. F. S. R.) Programmno-metodicheskoe upravlenie. [Program of secondary schools for the 1961-1962 school year; fundamentals of production and production practice in grades nine and ten] Programmy srednei shkoly na 1961/62 uchebnyi god, osnovy proizvodstva i proizvodstvennaia praktika v IX-X klassakh. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 127 p.

[A SCHOOL NAMED AFTER OUR GREAT METROPOLITAN. An account on educational work in the Metropolitan Andrei Sheptyts'kyi Ukrainian Elementary School in Regensburg, Germany, 1945-1949] Pid patronitom velykoho Mytropolyta; narys navchal'no-vykhovnoi pratsi Ukrains'koi Narodnoi Shkoly imeni Mytropolyta Andreia Sheptyts'koho v Regensburgu-Nimechchyni, 1945-1949. Chicago, 1960. 79 p.

SHITOV, I. I. [Leningrad schools for working youth; historical essay, 1942-1960] Leningradskie shkoly rabochei molodezhi; istoricheskii ocherk, 1942-1960 gg. [Leningrad] Lenizdat, 1961. 147 p.

SHVETSOV, K. I. [School and industry] Shkola i vyrobnytstvo. Kyiv, 1961. 43 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 9, no. 11)

SOIUZ SPORTIVNYKH OBSHCHESTV I ORGANIZATSII SSSR. TSentral'nyi sovet. [Unified All-Union sports classification] Edinaia vsesoiuznaia sportivnaia klassifikatsiia. 2. izd. Moskva, Izd-vo "Fizkul'tura i sport," 1961. 107 p.

SOROKINA, A. I. [Preschool pedagogics; textbook for preschool normal schools] Doshkol'naia pedagogika; uchebnik dlia doshkol'nykh pedagogicheskikh uchilishch. Izd. 3. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 339 p.

[STRENGTHENING THE CONNECTION BETWEEN SCHOOL AND LIFE, AND FURTHER DEVELOPMENT OF THE PUBLIC EDUCATION SYSTEM IN THE U. S. S. R.] Ob ukreplenii sviazi shkoly s zhizn'iu i o dal'neishem razvitii sistemy narodnogo obrazovaniia v SSSR. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 342 p. (Vazhneishie zakonodatel'nye akty Soiuza SSR i soiuznykh respublik)

SUKHOMLYNS'KYI, V. O. [Inculcating the moral stimuli for work in the younger generation] Vykhovannia moral'nykh stymuliv do pratsi u molodoho pokolinnia. Kyiv, 1961. 42 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 9, no. 9)

TAL', M. [The Botvinnik-Tal match] Match Botvinnik - Tal'. Riga, Latvilskoe Gos. izd-vo, 1961. 222 p.

TOLSTUNOV, I. P. [For a close contact between study and work] Za tesnuiu sviaz' obucheniia s zhizn'iu [Leningrad] Lenizdat, 1961. 42 p. (Bibliotechka sekretaria partilinoi organizatsii)

VERETENNIKOVA, S. A. [Methods of acquainting children with nature; textbook for preschool normal schools] Metodika oznakomleniia detei s pi i odoi, uchebnoe posobie dlia doshkol'nykh pedagogicheskikh uchilishch. Izd 2. Moskva, Gos uchebno-pedagog izd-vo M-va prosv. RSFSR, 1961. 173 p.

VINNICHENKO, I. A. [Educational work in classes with industrial training, from the work practice of schools in the Ukrainian S S R.] Vospitatel'naia rabota v klassakh s proizvodstvennym obucheniem, iz opyta raboty shkol Ukrainskoi SSR. Moskva, Gos uchebno-pedagog izd-vo M-va prosv. RSFSR, 1961. 97 p.

WHITE RUSSIA. Ministerstvo vysshego, srednego spetsial'nogo i professional'nogo obrazovaniia [White Russian Technical Institute] Belorusskii politekhnicheskii institut imeni I. V. Stalina. Minsk, 1961. 13 p. illus.

9. MUSIC, THEATER & MOTION PICTURES

BERGER, L. G. [Analysis of D. D. Shostakovich's eleventh symphony "Year 1905 "] Odinnadtsataia simfoniia D. D. Shostakovicha "1905 god", poiasnenie. Moskva, Sovetskii kompositor, 1961. 38 p.

BERGER, L. G. ["Symphony No. 7" by S. Prokof'ev; an analysis] Sed'maia simfoniia S. Prokof'eva, poiasnenie. Moskva, Sovetskii kompozitor, 1961. 26 p.

BERKMAN, T. L., and K. S. GRISHCHENKO. [Musical development of pupils in grades 1-2 in singing instruction] Muzykal'noe razvitie uchashchikhsia v protsesse obucheniia peniiu; I-II klassy. Pod obshchei red. L. V. Zankova. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1961. 215 p.

BEZZUBOV, G. I., and N. M. SHEREMET'EVA. [Methodological letter for the textbook "Our song" for the first grade] Metodicheskoe pis'mo k uchebnomu posobiiu "Rodnaia pesnia" dlia 1 klassa. Izd. 2., perer. Leningrad, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 53 p.

BOGANOVA, T. V. [Motion-picture music composed by T. N. Khrennikov] Kinomuzyka T. N. Khrennikova. Moskva, Sovetskii kompozitor, 1961. 23 p.

BOGDANOV-BEREZOVSKII, V., ed. [Musical life of Leningrad] Muzykal'naia zhizn' Leningrada; sbornik statei. Leningrad, Sovetskii kompozitor, 1961. 384 p.

BRAUNS, JOAHIMS. [Violin and viola] Vijole un alts. Riga, Latvijas Valsts izdevniecība, 1961. 61 p. (Orkestra instrumenti) [In Latvian]

BRIEDE, B. [Violoncello and contrabass] Cells un kontrabass. Riga, Latvijas Valsts izdevniecība, 1961. 34 p. (Orkestra instrumenti) [In Latvian]

CHERNAIA, E. S. Opera. Moskva, Gos. muzykal'noe izd-vo, 1961. 125 p. (Muzykal'nye formy i zhanry)

CHERNOV, A. A. Isaak Osipovich Dunaevskii. Moskva, Sovetskii kompozitor, 1961. 39 p. (V pomoshch' slushateliam narodnykh universitetov kul'tury. Besedy o muzyke)

DAGESTANLY, I. I. [Dzhafar Dzhabarly and the theater] Dzhafar Dzhabarly i teatr. Baku] 1960. 70 p. [In Azerbaijani]
(MH)

DATSENKO, B. IE. [The theater and our times] Teatr i suchasnist'. Kiev, 1961. 47 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 8, no. 22)

DEL'SON, V. IU. [Piano concertos of S. Prokof'ev] Fortep'iannye kontserty S. Prokof'eva. Moskva, Sovetskii kompozitor, 1961. 52 p.

DEL'SON, V. IU. Sviatoslav Rikhter. Moskva, Gos. muzykal'noe izd-vo, 1961. 121 p.

DOROSHENKO, L. P. [Zoia Mykhailovna Haidai, People's Actress of the U. S. S. R.] Zoia Mikhailovna Gaidai, narodnaia artistka SSSR. Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry URSR, 1960. 26 p. (Dekada ukraina'koi literatury ta mystetstva)
(MH)

DUNAEVSKII, B. O. [Song is truth, a sketch on the folk song] Pesnia - pravda, ocherk o narodnoi pesne [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1960. 112 p.

FREILIKH, S. I. [Dramaturgy of the screen] Dramaturgiia ekrana. Moskva, Gos. izd-vo "Iskusstvo," 1961. 157 p.

GALATSKAIA, V. S. [Musical literature of foreign countries, textbook for music schools. Translated by P. Riba] Aizrobezu muzikas literatura; Macibu gramata skolam. Riga Latvijas Valsts izdevniecība. [In Latvian]
Vol. 2. 1961. 218 p.

GASPARIAN, S. G. [Komitas, his life, activities, and works. Komitas, zhizn', deiatel'nost', tvorchestvo. Erevan] 1961. 235 p. [In Armenian]

GNESIN, M. F. [Articles, reminiscences, materials] Stat'i, vospominaniia, materialy. Moskva, Sovetskii kompozitor, 1961. 323 p.

ILIUKHIN, A. S. [Self-teacher for the balalaika] Samouchitel' igry na balalaike. Moskva, Izd-vo "Sovetskaia Rossiia," 1962. 94 p. (Bibliotechka sel'skogo klubnogo rabotnika, no. 18)

IUSOV, A. A. [The folk lyricist Hreben'] Lirnik Greben'. Moskva, Sovetskii kompozitor, 1961. 45 p. (Narodnye pevtsy i muzykanty)

KAMILLAROV, EMIL. [Technique of the violinist's left hand] O tekhnike levoi ruki skripacha. Pod red. L. N. Raabena. Leningrad, Gos. muzykal'noe izd-vo, 1961. 62 p. (V pomoshch' pedagogu-muzykantu)

KARAGIULIAN, E. G. [Symphonic works of Aram Khachaturian; on the adaptation of folk music to works of musical drama] Simfonicheskoe tvorchestvo Arama Khachaturiana, k voprosu o narodnykh istokakh i ikh preobrazovanii v muzykal'noi dramaturgii proizvedenii. Erevan, Armgosizdat, 1961. 190 p.

KASATKINA, G. [N. Zhiganov's opera "Dzhalil"; an analysis] Opera N. Zhiganova "Dzhalil"; putevoditel'. Moskva, Sovetskii kompozitor, 1961. 54 p.

KAZ'MIN, P. M. [Pages from the life of M. E. Piatnitskii] Stranitsy iz zhizni M. E. Piatnitskogo. Pod red. T. Popovoi. Moskva, Vseros. khorovoe ob-vo, 1961. 66 p.

KHENTOVA, S. M. [Marguerite Long] Margarita Long. Moskva, Gos. muzykal'noe izd-vo, 1961. 103 p. (Muzykanty - ispolniteli)

KHOKHLOV, IU. N. [Orchestral suites by Chaikovskii] Orkestrovye siuity Chaikovskogo. Moskva, Gos. muzykal'noe izd-vo, 1961. 91 p. (Biblioteka slushatelia kontsertov)

KHOLOPOVA, V. N., and IU. N. KHOLOPOV. [Piano sonatas of S. S. Prokof'ev] Fortep'iannye sonaty S. S. Prokof'eva. Moskva, Gos. muzykal'noe izd-vo, 1961. 87 p. (K Mezhdunarodnomu konkursu imeni P. I. Chaikovskogo)

KLIMOVITSKII, A. I. [The opera "Semyon Kotko" by Prokof'ev; an analysis] Opera Prokof'eva "Semen Kotko"; poiasnenie. Moskva, Sovetskii kompozitor, 1961. 56 p.

KLOTINS, ARNOLDS. [Symphony orchestra] Simfoniskais orkestris. Riga, Latvijas Valsts izdevniecība, 1961. 96 p. (Orkestra instrumenti) [In Latvian]

KOPYTMAN, M. R. [On polyphony] O polifonii. Moskva, Sovetskii kompozitor, 1961. 66 p. (V pomoshch' rukovoditeliam khudozhestvennoi samodeiatel'nosti i prepodavateliam muzyki v obshcheobrazovatel'nykh shkolakh)

KOTIKOVA, N., comp. [Russian chastushki, lamentations, and refrains] Russkie chastushki, stradaniia, pripevki. Leningrad, Gos. muzykal'noe izd-vo, 1961. 318 p.

KRASINSKII, A. V., G. P. TARASEVICH, and V. I. SMAL'. [Motion-picture art of Soviet White Russia] Kinoiskusstvo Sovetskoi Belorussii. Minsk, 1961. 40 p. (Obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii Belorusskoi SSR, no. 27-28)

KRAUKLIS, G. V. [Violin works of P. I. Chaikovskii] Skripichnye proizvedeniia P. I. Chaikovskogo. Moskva, Gos. muzykal'noe izd-vo, 1961. 60 p. (K Mezhdunarodnomu konkursu P. I. Chaikovskogo)

[LENINGRAD HOLIDAY OF SONGS; collected songs] Leningradskii den' pesni; sbornik pesen. [Leningrad] Lenizdat, 1961. 31 p.

LKHAMSUREN, S., comp. [Mongolian folk songs. Translated from the Mongolian] Mongol'skie narodnye pesni. Moskva, Gos. muzykal'noe izd-vo, 1961. 143 p.

LYSAN', G. A. [Reading scores and instrumentation for brass bands] Chtenie partitur i instrumentovka dlia dukhovykh orkestrov. Moskva, TSentr. dom nar. tvorchestva im. N. K. Krupskoi, 1961. 114 p.

MAKSIMOV, S. E. [Choral singing in schools, reference book for the singing instructor] Khorovoe penie v shkole; spravochnaia kniga uchitelia peniia. Leningrad, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 142 p.

MAMEDBEKOV, D. [Symphonic mugams of F. Amirov, an analysis] Simfonicheskie mugamy F. Amirova; poiasnenie. Moskva, Sovetskii kompozitor, 1961. 63 p.

MURADELI, V. I. [Russia is my motherland, collected songs with accordion accompaniment] Rossiia - Rodina moia; sbornik pesen v soprovozhdenii bajana. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 103 p.

[MUSIC AND OUR TIMES] Muzyka i sovremennost', sbornik statei. Moskva, Sovetskii kompozitor, 1961. 69 p.

NISNEVICH, I. G. Tat'iana Lopatina. Moskva, Sovetskii kompozitor, 1962. 29 p. (Narodnye pevtsy i muzykanty)

PAL'MIN, A. G. [Nicolo Paganini, 1782-1840; a brief biographic sketch] Nikkolo Paganini, 1782-1840; kratkii biograficheskii ocherk. Leningrad, Gos. muzykal'noe izd-vo, 1961. 94 p. (Knizhka dlia iunoshestva)

PECERSKIS, PETERIS. [Modest Musorgskii; an account of his life and work] Modests Musorgskis; dzives un daliradas apraksts. Riga, Latvijas Valsts izdevniecība, 1961. 147 p. [In Latvian]

POGOZHEVA, L. P. [From a book into a film; principles of film adaptation] Iz knigi v fil'm, tvorcheskie printsipy ekranizatsii. Moskva, Gos. izd-vo "Iskusstvo," 1961. 67 p.

POKRASS, DMITRII, and DANIIL. [On the warpath; collected songs] Po voennoi doroge; sbornik pesen. Moskva, Voen. izd-vo M-va oborony SSSR, 1961. 115 p.

RAABEN, L. N. [The instrumental ensemble in Russian music] Instrumental'nyi ansambl' v russkoi muzyke. Moskva, Gos. muzykal'noe izd-vo, 1961. 474 p.

RAEVSKAIA, E. P., G. N. SOBOLEVA, and Z. N. USHAKOVA. [Musico-callisthenics in a kindergarten] Muzykal'no-dvigatel'nye uprazhneniia v detskom sadu. Leningrad, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 159 p.

ROGAL'-LEVITSKII, D. R. [Discussing the orchestra] Besedy ob orkestre. Moskva, Gos. muzykal'noe izd-vo, 1961. 287 p.

ROITERSHTEIN, M. I. [One-part, two-part, and three-part musical forms] Muzykal'nye formy, odnochastnaia, dvukhchastnaia i trekhchastnaia formy. Moskva, Sovetskii kompozitor, 1961. 34 p. (Serlia "Iz opyta raboty narodnogo universiteta kul'tury Sverdlovskogo raiona g. Moskvy)

ROMANOVSKII, N. V. [Booklet for the lover of choral music] Pamiatka liubiteliu khorovoi muzyki. Leningrad, Gos. muzykal'noe izd-vo, 1961. 43 p. (Biblioteka muzykal'nogo samoobrazovaniia)

SAVINA, M. G. [Misfortunes and wanderings] Goresti i skitaniia; zapiski, 1854-1877. Leningrad, Iskusstvo, 1961. 140 p. (Teatral'nye memuary)
(MH)

SHALIAPIN, F. I. [Pages from my life] Stranitsy iz moei zhizni. [Perm'] Permskoe knizhnoe izd-vo, 1961. 238 p.

SOKHOR, A. N. [Music as a form of art] Muzyka kak vid iskusstva. Moskva, Gos. muzykal'noe izd-vo, 1961. 133 p. (V pomoshch' slushateliam universitetov kul'tury)

SOLOV'EVA, I. N. [Italian motion pictures, 1945-1960, sketches] Kino Italii, 1945-1960; ocherki. Moskva, Gos. izd-vo "Iskusstvo," 1961. 177 p. illus.

SOLOVTSOV, A. A. [Piano concertos of Rachmaninoff] Fortep'iannye kontserty Rakhmaninova. Izd. 2., perer. Moskva, Gos. muzhkal'noe izd-vo, 1961. 87 p. (Biblioteka slushatelia kontsertov)

BONNLEITHNER, J. F. [L. Beethoven's "Fidelio"] Fidelio L. Betkhovena. Moskva, Gos. muzykal'noe izd-vo, 1961. 100 p. (Opernye libretto)

STEFANOVYCH, M. P. [Dmytro Mykhailovych Hnatiuk; People's Singer of the U. S. S. R.] Dmytro Mykhailovych Hnatiuk, narodnyi artyst SRSR. Kyiv, Derzh. vyd-vo obrazotvorchoho mystestva i muzychnoi lit-ry URSR, 1961. 21 p.

STREPETOVA, P. A. [Life and roles of a tragic actress] Zhizn' i tvorchestvo tragicheskoi aktrisy. Leningrad, "Iskusstvo," 1959. 340 p.

TUMANINA, N. V. [Chaikovskii and the musical theater, a book for music lovers] Chaikovskii i muzykal'nyi teatr, kniga dlia liubitelei muzyki. Moskva, Gos. muzykal'noe izd-vo, 1961. 253 p. illus.

VEPRIK, A. M. [Interpretation of orchestral scores] Traktovka instrumentov orkestra. Moskva, Gos. muzykal'noe izd-vo, 1961. 300 p.

VLADYKINA-BACHINSKAIA, N. M. P. I. Chaikovskii. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 159 p. (Bibliotechka "Khudozhestvennaia samodeiatel'nost', no. 35)

VOLOSHIN, I. A. [Origins of the folk theater in the Ukraine] Dzherela narodnogo teatru na Ukraini. Kyiv, Derzh. vyd-vo obrazotvorchogo mystetstva i muzychnoi lit-ry URSR, 1960. 225 p.

10. FINE ARTS

AMBUR, P., comp. [25 bookplates engraved on wood] 5x5 ekslibrist puugravuuris. Tallinn, Eesti NSV Kunst, 1961. 79 p. [Parallel texts in Estonian, Russian, German, and English]

BALCIKONIS, JUOZAS. [Textile designs] Audiniu rastai. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 214 p. [In Lithuanian]

DELIUTIN, E. M. [Elements of the fine arts] Osnovy izobrazitel'noi gramoty. Izd. 2., dop. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 228 p.

DEREZINA, V. N. [West European painting from the 15th to the 19th century, explanatory text accompanying the series of reproductions "Treasures of the Hermitage."] Zapadnoevropeiskaia zhivopis' XV-XIX vekov; poiasnitel'nyi tekst k komplektu reproduktsii "Sokrovishcha Ermitazha." Leningrad, Izd-vo Gos. Ermitazha, 1961. 13 p. plates.

DUDRYS, STASYS. Juozas Mikenas. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 23 p. illus. [In Lithuanian]

DEINEKA, A. [From my work practices] Iz moei rabochei praktiki. Moskva, Izd-vo Akad. khudozh. SSSR, 1961. 76 p. illus.

FEDOROV, V. G. [Secrets of the Nev'yansk Tower; a historical study] Tainy Nev'ianskoi bashni; istoricheskii ocherk. [Sverdlovsk] Sverdlovskoe knizhnoe izd-vo, 1961. 44 p.

FEDOROV-DAVYDOV, A. A. Il'ia Efimovich Repin. Moskva, Gos. izd-vo "Iskusstvo," 1961. 135 p.

GASTEV, A. A. [How to look at architecture] Kak smotret' arkhitekturu. Moskva, Sovetskii khudozhnik, 1961. 58 p. (Besedy ob iskusstve, no. 6)

KANTOR, V. I. [Art and everyday life] Iskusstvo i byt. Moskva, Sovetskii khudozhnik, 1961. 36 p. (Besedy ob iskusstve, no. 5)

KARGER, M. K. [Novgorod the Great] Novgorod Velikii. Leningrad, Gos. izd-vo "Iskusstvo," 1961. 308 p.

KHALAMINSKII, IURII. Georgii Grigor'evich Nisskii. Moskva, Izd-vo Akad. khudozh. SSSR, 1961. 88 p.

KOMELOVA, G. N. [Scenes from Russian folk life at the end of the 18th and beginning of the 19th century as depicted in engravings held in the collections of the State Hermitage] Stseny russkoi narodnoi zhizni konca XVIII - nachala XIX vekov po graviuram iz sobraniia Gosudarstvennogo Ermitazha. Leningrad, Izd-vo Gos. Ermitazha, 1961. 25 p. illus.

KOVALENSKAIA, N. N. [History of 18th century Russian art] Istoriia russkogo iskusstva XVIII veka. [Moskva] Izd-vo Mosk. univ., 1962. 264 p. illus.

KUINDZHI, A. I. Arkhip Ivanovich Kuindzhi. Moskva, Gos. izd-vo izobraz. iskus., 1961. [9] p. illus. (Mastera russkogo iskusstva)

LENINGRAD. ERMITAZH. ["Bean king" by Jakob Jordaens] IAkob Iordans: Bobovyi korol'. Leningrad, Izd. Ermitazha, 1948. 7 p. (Pamiatniki zapadnoevropeiskogo iskusstva, no. 17)
(NNC)

LENINGRAD. ERMITAZH. [Nicolas Lancret's "The ballet dancer Camargot."] Nikola Lankre: Tantsovshchitsa Kamargo. Leningrad, Izd. Ermitazha, 1948. (Pamiatniki zapadnoevropeiskogo iskusstva, no. 19)
(NNC)

LOHVINS'KA, L. P., and L. M. SAK. [Contemporary fine arts of capitalist countries] Suchasne obrazotvorche mystetstvo kapitalistychnykh krain. Kyiv, 1961. 45 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 8, no. 19)

MAT'E, M. E. [Art of ancient Egypt] Iskusstvo Drevnego Egipta. [Leningrad, Gos. Izd-vo "Iskusstvo, 1961] 591 p.

["MODEL" PLANS FOR RESIDENTIAL BUILDINGS IN RUSSIAN CITIES DURING THE 18th AND 19th CENTURIES] "Obraztsovye" proekty v zhiloi zastroike Russkikh gorodov XVIII-XIX vv. Pod red. V. N. Ivanova. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 204 p.

NEDOSHIVIN, G. A. Nikolai Mikhailovich Romadin. Moskva, Sovetskii khudozhnik, 1961. 85 p.

NIKIFOROV, B. M. [Genre painting] Zhanrovaia zhivopis'. Moskva, Izd-vo Akad. khudozh. SSSR, 1961. 123 p. (Sovetskoe izobrazitel'noe iskusstvo)

NISSKII, G. G. [Selected works] Izbrannye proizvedeniia. [Moskva, Sovetskii khudozhnik, 1961] 10 p. plates.

OBSHCHESTVO PO RASPROSTRANENIIU POLITICHESKIKH I NAUCHNYKH ZNANII RSFSR. [Art and the audience] Iskusstvo i zritel'. Leningrad.
No. 1. 1961. 315 p.

PETROVA, E. N. [Monumental and decorative sculpture of Leningrad] Monumental'naia i dekorativnaia skul'ptura Leningrada. Leningrad, "Khudozhnik RSFSR," 1961. 61 p. (chiefly illus.)

PETROVA, V. V., and L. G. PETROV. [Mikhail Vasil'evich Lomonosov; on the 250th anniversary of his birth, 1711-1961] Mikhail Vasil'evich Lomonosov; k 250-letiiu so dnia rozhdeniia, 1711-1961. Leningrad, Izd-vo "Khudozhnik RSFSR," 1961. [3] p. plates.

POLISHCHUK, E. A. Georgii Konstantinovich Savitskii. Moskva, Iskusstvo, 1961. 261 p.
(MH)

RAZINA, T. M. [Russian enamels and filigree] Russkaia emal' i skan'. Moskva, Gosmestpromizdat, 1961. 35 p. illus.

REPIN, I. E. [Album of reproductions] Al'bom reproduktsii. [Leningrad] Gos. izd-vo izobraz. iskus., 1961. 13 p. plates.

ROGINSKAIA, F. S. Zair Isaakovich Azgur. [Moskva, Akad. khudozh. SSSR, 1961] 90, xvi p. illus., plates
(MH)

[RUSSIAN PAINTINGS IN MUSEUMS OF THE R. S. F. S. R.] Russkaia zhivopis' v muzeiakh RSFSR. Moskva, Gos. izd-vo izobraz. iskus. (Khudozhestvennye sokrovishcha SSSR)
Vol. II. 1961. [16] p. 49 plates.

SAMOILOVYCH, V. P. [Folk art in the architecture of rural dwellings] Narodna tvorchist' v arkhitekturi sil's'koho zhytla. Kyiv, Derzh. vyd-vo lit-ry z budivnytstva i arkhitektury URSR, 1961. 229 p. illus.

SHCHEGLOV, E. B. [Humor] IUmor. [Moskva, Sovetskii khudozhnik, 1961. 2] p. (chiefly illus.)

VASIL'EV, IU. M. [Classicism in the architecture of Riga; outline history of the planning and building of Riga at the end of the 18th and beginning of the 19th century] Klassitsizm v arkhitekture Rigi; ocherk istorii planirovki i zastroiki Rigi v kontse XVIII - nachale XIX v. Riga, Izd-vo Akad. nauk Latvitskoi SSR, 1961. 379 p.

VATAGIN, V. A. [Selected works] Izvrannye proizvedeniia. [Moskva, Sovetskii khudozhnik] 8 p. illus.

VIENOZINSKIS, JUSTINAS. [Art exhibition, 1961; catalog] Dailes paroda 1961; katalogas. Vilnius, Vilniaus valstybinis dailes muziejus, 1961. 59 p. [Parallel texts in Lithuanian and Russian]

ZATENAT'SKYI, IA. P. [Soviet Ukrainian painting] Ukrains'kyi radians'kyi zhyvopys. Kyiv, 1961. 33 p. illus. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 8, no. 24)

11. LANGUAGE, LITERATURE & FOLKLORE

ABRAMOV, K. G. [Naiman, a novel. Translated from the Mordvinian language] Naiman; roman. (Saransk) Mordovskoe knizhnoe izd-vo, 1960. 386 p.
(MH)

[A. S. SERAFIMOVICH IN THE MEMOIRS OF HIS CONTEMPORARIES] A. S. Serafimovich v vospominaniiakh sovremennikov. Moskva, Sovetskii pisatel', 1961. 377 p.

[AFGHAN PROVERBS AND SAYINGS. Translated from the Pushtu] Afganskie narodnye poslovitsy i pogovorki. Moskva, Izd-vo inostr. lit-ry, 1961. 64 p.

AGRANOVSKII, A. A. [Various degrees of daring] Raznaia smelost'. Moskva, Gos. izd-vo detskoi lit-ry M-va prosv. RSFSR, 1961. 141 p.

AKADEMIIA NAUK ARMIANSKOI SSR. Institut literatury. [Armenian ashugs of the 17th and 18th century] Armianskie ashugi XVII-XVIII v.v. Sost. Agnik Sankian. Erevan, Izd-vo AN Armianskoi SSR, 1961. 466 p. [In Armenian]

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata, Institut iazykoznaniia. [Uigur-Russian dictionary] Uigursko-russkii slovar'. Pod red. Sh. Kibirova i Iu. TSunyazo. 16 tysiach slov. S prilozheniem kratkogu grammaticheskogo ocherka uigurskogo iazyka, sost. A. Kaidarovym. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1961. 328 p.

AKADEMIIA NAUK SSSR. Institut mirovoi literatury. [History of Roman literature] Istoriia rimskoi literatury. Pod red. S. I. Sobolevskogo, M. E. Grabar'-Passek, F. A. Petrovskogo. Moskva, Izd-vo Akad. nauk SSSR.
Vol. 2. 1962. 483 p.

AKADEMIIA NAUK SSSR. Institut narodov Azii. [Contemporary Persian lyric poetry. Translated from the Persian] Sovremennaia persidskaia lirika. Moskva, Izd-vo vostochnoi lit-ry, 1961. 331 p.

AKADEMIIA NAUK SSSR. Institut narodov Azii. [Languages of India] IAzyki Indii; sbornik statei. Moskva, Izd-vo vostochnoi lit-ry, 1961. 400 p.

AKADEMIIA NAUK URSR, Kiev. Instytut literatury. [Description of T. H. Shevchenko's manuscripts] Opys rukopysiv T. H. Shevchenka. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 550 p.

AKADEMIIA PEDAGOGICHESKIKH NAUK RSFSR, Moscow. Institut natsional'nykh shkol. [Teaching the Russian language in people's democracies] Voprosy prepodavaniia russkogo iazyka v stranakh narodnoi demokratii. Pod red. G. P. Serdiuchenko. Moskva, Izd-vo Akad. pedagog. nauk, 1961. 336 p.

AKHMADOVA, U. [Verbal forms used with "istodan" in the modern Tajik language] Shakilkhoi fe"li bo ёrdiikhandai istodan dar zaboni khozirai tochik. Stalinobad, 1961. 122 p. [In Tajik]

ALEKSEEV, S. P. [Stories on Suvorov and Russian soldiers] Rasskazy o Suvorove i russkikh soldatakh. Moskva, Gos. izd-vo detskoi lit-ry, 1961. 141 p.
(NN)

ALMA-ATA. NAUCHNO-ISSLEDOVATEL'SKII INSTITUT PEDAGOGICHESKIKH NAUK. [The Russian language in the Kazakh school; a comparative study of some grammatical features of the Russian and Kazakh languages] Russkii iazyk v kazakhskoi shkole; sopostavitel'noe izuchenie nekotorykh grammaticheskikh iavlenii russkogo i kazakhskogo iazykov. Alma-Ata, Kazakhskoe gos. uchebno-pedagog. izd-vo, 1956. 99 p.
(NNC)

ALMATINSKAIA, A. V. [Oppression; a novel] Gnet; roman. Tashkent, Goslitizdat.
Vol. 2. [Breath of the storm] Dykhanie buri. 1961.
(MH)

[ARABIC PROVERBS AND SAYINGS. Translated from the Arabic] Arabskie narodnye poslovitsy i pogovorki. Moskva, Izd-vo inostr. lit-ry, 1961. 50 p.

ASTAKHOVA, A. M. [Folk tales on Russian epic heroes] Narodnye skazki o bogatyriakh russkogo eposa. Moskva, Izd-vo Akad. nauk, 1962. 118 p.

[AZERBAIJANI TALES IN FIVE VOLUMES] Azerbaichan nagyllary Baky, Azerbaichan SSR ea neshrijjaty [In Azerbaijani]
Vol 2 1961 373 p

BABYSHKIN, O.K Mykhailo Stel'makh. Kyiv, Radians'kyi pis'mennyk, 1961. 215 p.

BADOEV, K.P., comp. [Ossetia in the ranks, sketches] Osetiia v stroiu, ocherki. Ordzhonikidze, Severo-Osetinskoe knizhnoe izd-vo, 1960. 214 p.
(CSt-H)

BAIMUT, T.V., and others [Comparative grammar of the Ukrainian and Russian languages] Porivnial'na gramatyka ukrains'koi i rosiis'koi mov, pidruchnyk dlia pedagogichnykh instytutiv Vyd 2, pererobleni i dopovnene. Kyiv, Derzh uchbovo-pedagog vyd-vo 'Radians'ka shkola," 1961 267 p

BALABANOVICH, E Z. [A home on Kudrin Street, from the life of A P. Chekhov] Dom v Kudrine; iz zhizni A P. Chekhova [Moskva] Mosk. rabochii, 1961. 269 p.

BANYKIN, V.I. [Andrei Snezhkov learns how to live] Andrei Snezhkov uchitsia zhit'. Moskva, Sovetskaia Rossiia, 1960. 252 p.
(KU)

BAZARBAEV, M.B. [Image of the laboring man in Kazakh poetry] Obraz cheloveka truda v kazakhskoi poezii. Alma-Ata, Akad nauk Kazakhskoi SSR, 1961 237 p
(MH) (NN) (CLU)

BEKKER, M.I. [On poets, literary criticism] O poetakh; literaturno-kriticheskie stat'i Moskva, Sovetskii pisatel', 1961. 69 p.
(MH) (NN)

BEL'CHIKOV, N.F. [Taras Shevchenko, a critico-biographic sketch] Taras Shevchenko; kritiko-biograficheskii ocherk. Moskva, Gos izd-vo khudozh. lit-ry, 1961 221 p

BELIAEVA, T.M., and I.A. POTAPOVA. [The English language outside England] Angliiskii iazyk za predelami Anglii; posobie dlia studentov pedagogicheskikh institutov. Leningrad, Gos. uchebno-pedagogicheskoe izd-vo M-va prosv. RSFSR, 1961. 150 p.

BERTEL'S, E.E. [History of Persian-Tajik literature] Istoriia persidsko-tadzhikskoi literatury Moskva, Izd-vo vostochnoi lit-ry
Vol 1 1960. 554 p.
(NcU)

BEZYMENSKII, A.I. [Book of satire] Kniga satiry. Izd.3., dop Moskva, Sovetskii pisatel', 1961 398 p

BILETS'KYI, O.I., H.S. SUKHOBRUS, and F.IA. SHOLOM. Pavlo Mykolaiovych Popov. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 31 p. (Vcheni Ukrains'koi RSR)

BLAGOI, D.D. [Poetry of reality, on the nature of 19th century Russian realism and its significance in world literature] Poeziia deistvitel'nosti; o svoeobrazii i mirovom znachenii russkogo realizma XIX veka. Moskva, Sovetskii pisatel', 1961. 166 p.

BOBOVSKII, IA.M., and A.V. BOLDYREV. [The Latin language] Latinskii iazyk Izd.3., ispr. i dop. Moskva, Izd-vo lit-ry na inostr iazykakh, 1961. 446 p.

BRAILOVSKII, I.A. [Lively heart] Zhivoe serdtse. [Rostov-na-Donu] Rostovskoe knizhnoe izd-vo, 1960. 321 p.
(NjP)

BROUKA, PIATRUS' [Selected works] Vybranyia tvory Minsk, Dziarzh vyd-va BSSR, 1951 xvii, 670 p.
(LU)

CEKUOLIS, ALGIMANTAS [A long way out on the Barents Sea, stories. Translated from the Lithuanian] Daleko v Barentsevom more, rasskazy Moskva, Sovetskii pisatel', 1961. 204 p.
(MH)

CHEKHOV, V.G. [Tale of a great love. In a distant forest] Povest' o velikoi liubvi. V dalekom lesu. [Stalingrad] Stalingradskoe knizhnoe izd-vo, 1961. 401 p.
(MH)

CHUKALOV, S.K. [Bulgarian-Russian dictionary. 53,000 words] Bolgarsko-russkii slovar', 53 000 slov. Izd.3., ispr. i dop. Sofiia, Gos. izd-vo 'Nauka i iskusstvo," 1960. 1101 p.

[COMMUNITY PARTICIPATION IN PRESS, RADIO AND TELEVISION] Hromads'ki nachala v presi, radio, telebachenni. Kyiv, Derzh.vyd-vo polit. lit-ry URSR, 1961. 144 p.

DANILEVSKII, G.P. [Mirovich Princess Tarakanova. Moscow burned] Mirovich, Kniazhna Tarakanova. Gozhzhennaia Moskva, Moskva, Izd-vo "Izvestiia," 1961 625 p (Biblioteka istoricheskikh romanov narodov SSSR)

DASHKO, L.I. [Reinforcing the knowledge of Russian language by the use of visual aids; teachers' manual] Zakreplenie znanii i navykov po russkomu iazyku s primeneniem naglidnosti, posobie dlia uchitelei Moskva, Gos. uchebno-pedagog izd-vo M-va prosv. RSFSR, 1961. 102 p.

DENISOVA, T.A., and N.A. SUDOMOEV [Spelling cards used in grade 5] Kartochki po orfografii, V klass. Moskva, Gos uchebno-pedagog izd-vo M-va prosv RSFSR, 1961 55 p. (Iz opyta uchitelia)

[DICTIONARY OF RUSSIAN AND LITHUANIAN ABBREVIATIONS] Slovar' russkikh i litovskikh sokrashchenii Sost. G Feigelmonas i dr Vil'nius, Gos izd-vo polit i nauchn lit-ry, 1960 436 p

DOBRYNIN, M.I. [Pigeons, short stories] Golubi, korotkie rasskazy. [Tambov, Tambovskoe knizhnoe izd-vo, 1960. 60 p.
(MH)

DOLGUSHIN, A. [Confidence inspires] Doverie okrylliaet. Moskva, Voen izd-vo M-va oborony SSSR, 1961. 21 p (Biblioteka soldata i matrosa)

DOM DETSKOI KNIGI. [Communist education and the present-day literature for children and youth] Kommunisticheskoe vospitanie i sovremennaia literatura dlia detei i iunoshestva. Moskva, Gos. izd-vo detskoi lit-ry M-va prosv RSFSR, 1961. 338 p

DOVHYI, OLEKSII. [The earth sings out; verse] Zemlia spivaie, poezii Kyiv, Radians'kyi pys'mennyk, 1961 61 p
(MH)

DUMAS, ALEXANDRE. [Three musketeers, a novel Translated from the French] Tri mushketera, roman. Vstupitel'naia stat'ia M.S. Treskunova. Moskva [Gos izd-vo detskoi lit-ry] 1959. 782 p. (Biblioteka priklliuchenii, no. 19)
(InU)

EBRALIDZE, REVAZ. [Modern tragedy in four acts, nine scenes. Translated from the Georgian] Sovremennaia tragediia v 4 deistviiakh, 9 kartinakh. Moskva, Otdel rasprostraneniia dramaticheskikh proizvedenii VUOAP, 1961 87 p.

EFIMOV, A.I. [History of the Russian literary language] Istoriia russkogo literaturnogo iazyka. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 321 p.

EGIAZAROV, A.S., and IU.A. ANOKHIN. [Trials] Ispytanie. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 63 p. (Iz zala suda)

EGOROV, B.A. [Deep sighs uttered on the bench, humorous stories] Vzdokhi na skameike, iumoristicheskie rasskazy. Moskva, Izd-vo "Pravda," 1962 48 p. (Biblioteka "Ogonek," no. 1)

EIDEMANN, R.P. [With head raised, selected works] S podniatoi golovoi; izbrannoe. Moskva, Voen. izd-vo M-va oborony SSSR, 1961. 230 p.

EL'SBERG, IA.F. [Basic stages in the development of Russian realism] Osnovnye etapy razvitiia russkogo realizma. Moskva, Gos. izd-vo khudozh. lit-ry, 1961. 162 p.

[EXPLANATORY DICTIONARY OF THE KAZAKH LANGUAGE] Tolkovyi slovar' kazakhskogo iazyka Pod obshchel red. S K. Kenesbaeva Alma-Ata.
Vol. 2. K - IA. 1961. 533 p.

FADEEV, ALEKSANDR. [On literary work] O literaturnom trude. Moskva, Gos. izd-vo khudozh. lit-ry, 1961 335 p.

FAL'KOVICH, M.M. [Guide to English vocabulary] Leksicheskii spravochnik po angliiskomu iazyku; uchebnoe posobie dlia studentov I-V kursov institutov i fakul'tetov inostrannykh iazykov. Moskva, Izd-vo lit-ry na inostr. iazykakh, 1961. 352 p.

FEDIN, K.A. [Bonfire; a novel] Koster; roman. Moskva, Gos. izd-vo khudozh. lit-ry.
Book. 1. 1962. 417 p.

FEDIN, K.A. [Bonfire, a novel] Koster; roman. Moskva, Gos. izd-vo khudozh. lit-ry.
Book 1. [Invasion] Vtorzhenie. 1962. 2 v. (Roman gazeta nos. 1(253)-2(254))

FEIGIN, E.A. [Soldier and son of a soldier; a tale] Soldat, syn soldata, povest' Moskva, Voen. Izd-vo M-va obor SSSR, 1961 207 p

FINN, K.IA. [Unsophisticated story ("The old fool"); a comedy in three acts, six scenes] Beskhitrostnaia istorila ("Staryi durak"), komediia v trekh deistviiakh, shesti kartinakh Moskva, Gos. izd-vo "Iskusstvo," 1961 73 p (Repertuar khudozhestvennoi samodeiatel'nosti, no 32)

[FORMULAS AND IMAGES, debate on the scientific theme in literature] Formuly i obrazy; spor o nauchnoi teme v khudozhestvennoi literature Moskva, Sovetskii pisatel', 1961 254 p.

FRADKINA, S.IA [In the world of Vera Panova's heroes, a creative portrait of the authoress] V mire geroev Very Panovoi, tvorcheskii portret pisatel'nitsy [Perm'] Permskoe knizhnoe izd-vo, 1961 249 p.

[FRIEND, COMRADE, AND BROTHER] Drug, tovarishch i brat. Moskva, Izd-vo "Pravda," 1961. 62 p. (Biblioteka "Komsomol'skoi pravdy," no 12)

GALSWORTHY, JOHN. [Collected works in sixteen volumes. Translated from the English] Sobranie sochinenii v shestnadtsati tomakh. Moskva, Izd-vo "Pravda" (Biblioteka "Ogonek")
Vols 4-6, 1962.

GEI, N.K., and V.M. PISKUNOV. [Aesthetic ideal in Soviet literature] Estaticheskii ideal sovetskoi literatury Moskva, Izd-vo Akad nauk SSSR, 1962. 205 p.

GEZ, N.I., and G.A. SHTEGEMAN. [Methodological instructions for the tenth-grade German textbook, teachers' manual] Metodicheskie ukazaniia k uchebniku nemetskogo iazyka dlia X klassa; posobie dlia uchitelei. Moskva, Gos uchebno-pedagog. Izd-vo M-va prosv RSFSR, 1961. 108 p.

GIRA, LIUDAS. [Works, in five volumes] Rastai; penki tomai. Vilnius, Valstybine grozines literaturos leidykla.
Vol. 3. [Translated poems. Plays. Prose] Poezyos vertimai. Scenos veikalai. Proza. 1961. 502 p. [In Lithuanian]

GLEBOV, A.G. [Selected plays] Izbrannye p'esy. Moskva, Sovetskii pisatel', 1961. 360 p.
(MH)

GODINER, S.D. [Tales and stories. Translated from the Yiddish] Povesti i rasskazy. Moskva, Sovetskii pisatel', 1961. 292 p.
(MH)

GOLOSOVSKII, I.M. [Tale of a saved life] Povest' o spasennoi sud'be. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 103 p (Iz zala suda)

GOLUBOV, S.N., and others, eds. [N.A. Dobroliubov in the memoirs of his contemporaries] N.A. Dobroliubov v vospominaniiakh sovremennikov. [Leningrad] Gos. izd-vo khudozh. lit-ry, 1961. 487 p. (Serila literaturnykh memuarov)

GONCHAROV, I.A. [Precipice, a novel in five parts] Obryv, roman v piati chastiakh. Moskva, Gos. izd-vo khudozh. lit-ry, 1961 644 p.
(NNC)

GORIUNOV, I.G. [The Davydkin share; stories and sketches] Davydkin nadel; rasskazy i ocherki. [Kuibyshev] Kuibyshevskoe knizhnoe izd-vo, 1960 167 p.
(MH)

GRASHI, ASHOT. [Lyrics Translated from the Armenian] Lirika, 1934-1956. Moskva, Gos. izd-vo khudozh. lit-ry, 1956. 510 p.
(NNC)

GRIGOR'IAN, K.N. [M.E. Saltykov-Shchedrin's novel "The Golovlev family"] Roman M.E. Saltykova-Shchedrina "Gospoda Golovlevy." Moskva, Izd-vo Akad. nauk SSSR, 1962. 115 p.

GRIGOR'IAN, K.N. [V.IA. Briusov and Armenian poetry] V.IA. Briusov i armianskaia poeziia. Moskva, Izd-vo vostochnoi lit-ry, 1962. 132 p.

HIKMET, NAZIM. [Amorous cloud; tales. Translated from the Turkish] Vliublennoe oblako; skazki. Moskva, Izd-vo vostochnoi lit-ry, 1962. 111 p.

[HUNTING GROUNDS; an almanac] Okhotnich'i prostory; al'manakh. Moskva, Gos. izd-vo "Fizkul'tura i sport."
Vol. 14. 1960. 203 p.

HREBINKA, IEVHEN. [Selected works] Vybrane Kyiv, Derzh. vyd-vo khudozh. lit-ry, 1961. 373 p.
(InU)

HRUSHEVS'KYI, MYKHAILO. [Selected works] Vybrani pratsi. Vydano z nahody 25-richchia z dnia joho smerty (1934-1959). Zibrav i uporiadkuvav materialy Mykola Halii. New York, OURDP v SShA, 1960. 263 p.
(WaU)

IASHIN, A. IA. [Years of our life; selected verse] Gody zhizni; Izbrannye stikhotvoreniia. Moskva, Goslitizdat, 1961. 431 p.
(MH)

IL'F, I. A., and E. P. PETROV. [The golden calf, satiric comedy in three acts] Zolotoi telenok, satiricheskaia komediia v trekh deistviiakh. Instsenirovka dlia teatrov kukol i dramaticheskikh teatrov M. Koroleva. Moskva, Otdel rasprostraneniia dramaticheskikh proizvedenii VUOAP, 1961. 74 p.

INTERNATIONAL CONGRESS OF SLAVISTS. 4th Moscow, 1958. [Discussion materials] Materialy diskussii. Moskva, Izd-vo Akad. nauk SSSR.
Vol. 1. [Problems of the history of Slavic literatures, folklore, and literary style] Problemy slavianskogo literaturovedeniia, fol'klористики i stilistiki. 1962. 646 p.

ISBAKH, A. A. [Bolshevik, writer, and commissar] Bol'shevik, pisatel, komissar. Moskva, Izd-vo "Znanie," 1961. 63 p. (Prochti, tovarishch!)

IURCHENKO, I. I. [Zheleznogorsk, verse] Zheleznogorsk, stikhi. [Moskva] Molodaia gvardiia, 1961. 47 p.
(MH)

IURKEVYCH MARIIA. [Anemone] Prolisky. Philadelphia, Bazar, 1958. 32 p.
(OCl)

JASINSKAS, VL. [Shots at dawn] Saviai sauleteky. Vilnius, Grozines literaturos leidykla, 1961. 133 p. [In Lithuanian]

KAKIKHAR, ABDULLA. [Little bird; a tale. Translated from the Uzbek] Ptichka-nevelichka; povest'. Moskva, Sovetskii pisatel', 1961. 226 p.
(MH)

[KALMYK FOLK TALES. Translated from the Kalmyk] Kalmytskie narodnye skazki. Elista, Kalmytskoe gos. izd-vo, 1961. 249 p.

KALMYKOV, D. I. [Solitary accordion, one-act plays] Odinokaia garmon', odnoaktnye p'esy. [Tiumen'] Tiumenskoe knizhnoe izd-vo, 1960. 75 p.
(MH)

KAPITSA, P. I. [They stormed the Winter Palace; a novel] Oni shturmovali Zimnii, roman. Leningrad, Sovetskii pisatel', 1958. 207 p.
(ICU)

KAUFMAN, I. M. [Dictionaries of special terms, a bibliography] Terminologicheskie slovari, bibliografiia. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 410 p.

KAZAKOV, IU. P. [On the road, stories and a sketch] Po doroge, rasskazy i ocherk. Moskva, Sovetskii pisatel', 1961. 258 p.

KHABYRYYS, BAAL. [Heart-to-heart talk; verse. Translated from the Yakut] Razgovor po dusham, stikhi. Moskva, Sovetskii pisatel', 1961. 61 p.
(MH)

KHERSONSKAIA, N. L., comp. [Creative work of students in Russian language classes; in grades 5-7] Tvorcheskaia rabota uchashchikhsia na zaniatiiakh po russkomu iazyku v V-VII klassakh; sbornik statei. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 135 p. (Iz opyta uchitelei Moskovskoi oblasti)

KIZKO, PETRO. [Ustym Bezridnyi; a tale] Ustym Bezridnyi; povist'. Munich, Ukraine'ke vyd-vo, 1958. 1 v.
(InU)

KHOROL, V. O. [Lope de Vega, a great Spanish playwright] Lope de Vega - velykyi ispans'kyi dramaturg. Kyiv, 1961. 43 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 8, no. 23)

KLIMOV, D. A. [The peasant's house and the field, verse] Izba i pole; stikhi. 2. dop. izd. Moskva, Sovetskii pisatel', 1961. 114 p.
(MH)

KLIUEVA, V. N. [Concise dictionary of synonyms of the Russian language] Kratkii slovar' sinonimov russkogo iazyka. Izd. 2., ispr. i dop. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 343 p.
[MICROFILM]

KNIAZHNIN, IA. B. [Selected works] Izbrannye proizvedeniia. Vstup. stat'ia, podgotovka teksta i primechaniia L. I. Kulakovoi. Leningrad, Sovetskii pisatel', 1961. 760 p. (Biblioteka poeta. Bol'shaia seriia. 2. izd.)

KOCHETOV, VSEVOLOD. [Secretary of the province committee, a novel] Sekretar' obkoma, roman. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1962. 479 p.

KOLESNIKOV, M. S. [Great distances, stories] Bol'shie rasstoianiia; rasskazy. Moskva, Voen. izd-vo M-va oborony SSSR, 1961. 142 p. (Biblioteka soldata i matrosa)

KOLODIAZHNYI, A. S. [The proposition, lecture materials for a course in the modern Ukrainian literary language] Prizimennyk, materialy do lektsii z kursu suchasnoi ukrains'koi literaturnoi movy. Khar'kiv, Vyd-vo Khar'kivs'koho derzh. univ., 1960. 164 p.

KOLOKOLOVA, L. I. [Personal names in the early works of A. P. Chekhov, anthroponymy in literature] Imena sobstvennye v rannem tvorchestve A. P. Chekhova, literaturno-khudozhestvennaia antroponimika. [Kiev] Izd-vo Kievskogo univ., 1961. 74 p.

KON, L. F., and N. F. NOVICHKOVA, comps. [Discussing the books of V. P. Kataev, L. A. Kassil', and V. A. Kaverin in grades 7-8] Besedy o knigakh V. P. Kataeva, L. A. Kassilia, V. A. Kaverina, dlia uchashchikhsia VII-VIII klassov. Moskva, Gos. biblioteka SSSR im. V. I. Lenina, 1961. 67 p. (Sovetskie pisateli - detiam)

KOROLIV, V. [Selected works] Vybrani tvory. 2 vyd. Toronto, (Dobra knyzhka, no. 169)
Vol. 1. [Recollections of my death; reminiscences] Zhadki pro moiu smert'; spomyny. 1961.
(InU)

KOSOI, H. D. [In the shadows of skyscrapers] V tini khmarochosiv. [Vinnytsia] Vinnyts'ke oblasne knyzhkovo-gazetne vyd-vo, 1961. 124 p.

KOVIN'KA, O. I. [Why can't I fly as a falcon?] Chomu ia ne sokil, chomu ne litaiu? Kyiv, Radians'kyi pys'mennyk, 1961. 130 p.

KRASINSKAIA, M. S., and I. A. GOLOVINA. [Textbook of the English language] Uchebnik angliiskogo iazyka. 3., perer. izd. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 338 p.

KUCHER, V. S. [Difficult love; a novel] Trudna liubov, roman. Kyiv, Radians'kyi pys'mennyk, 1960. 608 p.
(CaAEU)

KULIASHOU, A. A. [Selected works] Vybranyia tvory. Minsk, Dziarzh. vyd-va BSSR, 1951. 539 p.
(LU)

KUNIAEV, S. N. [Wanderers over the earth] Zemleprokhodtsy. [Kaluga] Kaluzhskoe knizhnoe izd-vo, 1960. 59 p.
(MH)

KUZ'MIN, F. F. [Exercises in syntax and punctuation] Prakticheskie zaniatiia po sintaksisu i punktuatsii; uchebnoe posobie dlia pedagogicheskikh institutov, fakul'tetov po podgotovke uchitelei nachal'nykh klassov. Izd. 2., dop. i ispr. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 234 p.

KVLIVIDZE, MIKHA. [Inscription on stone, verse. Translated from the Georgian] Nadpis' na kamne; st stikhi. Moskva, Gos. izd-vo khudozh. lit-ry, 1961. 238 p.
(NN)

LARIN, S. I. [Literature of winged dreams] Literatura krylatoi mechty. Moskva, Izd-vo "Znanie," 1961. 46 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 6, Literatura i iskusstvo, no. 24)

LEBANIDZE, MURMAN. [Verdant song; verse. Translated from the Georgian] Zelenaia pesnia; stikhi. Moskva, Sovetskii pisatel', 1961. 70 p.
(MH)

LEM, STANISLAW. [Astronauts; science fiction. Translated from the Polish] Astronavty; nauchno-fantasticheskii roman. [Chita] Chitinskoe knizhnoe izd-vo, 1960, 272 p.
(NNC)

LIASHENKO, M. IU. [Man is a ray of light, a science-fiction novel] Chelovek - luch, fantasticheskii roman. Moskva, Gos. izd-vo detskoi lit-ry M-va prosv. RSFSR, 1961. 284 p. (Biblioteka priklIuchenii i nauchnoi fantastiki)

LIBEDINSKII, IU. N. [Morning of the soviets; a novel] Utro sovetov, roman. Moskva, Sovetskii pisatel', 1959. 783 p.
(TNJ)

LIETUVOS TSR MOKSLU AKADEMIJA, Vilna. Lietuviu kalbos ir literaturos institutas. [Soviet Lithuanian literature and criticism, 1956-1960, a bibliographic index] Tarybine lietuviu literatura ir kritika, 1956-1960; bibliografine rodykle. Vilnius, 1961. 325 p. [In Lithuanian]

[LITHUANIAN-ENGLISH DICTIONARY] Lietuviu-Anglu kalbu zodynas, Apie 27000 zodziu. [By] B. Piesarskas, B. Svercvicius. Redagavo I. Karsavinaite ir D. Slapoberskis. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1960. 511 p.
[MICROFILM]

LÜ SHU-HSIANG. [Outline grammar of the Chinese language. Preface by I. M. Oshanin] Ocherk grammatiki kitaiskogo iazyka. Moskva, Izd-vo vostochnoi lit-ry.
Vol. 1. [The word and the sentence. Translated from the Chinese] Slovo i predlozhenie. 1961. 265 p.

LUXEMBURG, ROSA. [On literature] O literature. [Preface by M. Korallov] Moskva, Gos. izd-vo khudozh. lit-ry, 1961. 350 p.

LUPSIAKOU, MIKOLA. [On my Dnieper, a tale and stories] Na Dnepre moem; povest' i rasskazy. [Moskva] Molodaia gvardiia, 1961. 222 p.
(MH)

[LYRES AND TRUMPETS. Russian poetry of the 18th century] Liry i truby, russkaia poeziia XVIII veka. Moskva, Gos. izd-vo detskoi lit-ry M-va prosv. RSFSR, 1961. 350 p. (Shkol'naia biblioteka)

MAITINSKAIA, K. E., ed. [Problems of language and literature] Voprosy iazyka i literatury. Moskva, Izd-vo In-ta mezhdunarodnykh otnoshenii.
No. 2. 1960. 110 p.
(NjP)

MAKOVEEV, M. S. [Man is preparing for a feat] Chelovek gotovitsia k podvigu; ocherki. Moskva, Voen. izd-vo M-va obor. SSSR, 1962. 130 p.

MANESHIN, V. S. [Sociopolitical views of M. E. Saltykov-Shchedrin] Obshchestvenno-politicheskie vzgliady M. E. Saltykova-Shchedrina. [Khar'kov] Khar'kovskoe knizhnoe izd-vo, 1960. 228 p.
(LNHT)

MART'IANOV, S. N. [First assignment, stories of border guards; stories of various years] Pervoe zadanie, rasskazy o pogranichnikakh, rasskazy raznykh let. [Moskva] Molodaia gvardiia, 1961. 237 p.
(MH)

MARTYCH, IU. M. [Of bread and for bread; stories and sketches] I khlib i do khleba; opovidannia, narysy. Kyiv, Radians'kyi pys'mennyk, 1961. 114 p.
(MH)

MASENKO, TEREN'. [Under the sky of the Hutsul land; sketches] Pid nebom Hutsyl'shchyny; narysy. Kyiv, Derzhlitvydav, 1961. 235 p.
(MH)

MATSAI, O. I. [Chronicler of our epoch, a sketch on the works of Mikhail Sholokhov] Litopysets' nashoi epokhy; narys tvorchosti Mykhaila Sholokhova. Kyiv, 1961. 51 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 8, no. 21)

METEL'SKII, G. V. [Girl of the forest] Lesovichka. Vil'nius, Gos. izd-vo khudozh. lit-ry Litovskoi SSR, 1960. 357 p.
(NNC)

MEZHDUNARODNAIA KNIGA. Gazety i zhurnaly SSSR na 1961 god. Newspapers and magazines of the USSR for 1961. Moscow, 254 p.

MEZHRESPUBLIKANSKOE SOVESHCHANIE PO VOPROSAM PEREVODA LITERATURY S RUSSKOGO NA IAZYKI NARODOV SREDNEI AZII, KAZAKHSTANA I AZERBAIDZHANA, Alma-Ata, 1958. [Materials of a regional conference on the translation of literature from Russian into the languages of the peoples of Central Asia, Kazakhstan, and Azerbaijan, January 15-18, 1958] Materialy Regional'nogo soveshchaniia po perevodu literatury s russkogo na iazyki narodov Srednei Azii, Kazakhstana i Azerbaidzhana (15-18 ianvaria 1958 goda). Alma-Ata, Kazakhskoe gos. izd-vo, 1960. 394 p.

MIL'CHAKOV, A.A. [Secret of seven floorings] Taina semi nastilov Moskva, Profizdat, 1960. 83 p. (MH)

MIRTOV, A.V. [Speak correctly, outline of the grammar and style of the Russian verb, its forms and lexical variants] Govori pravil'no, grammatiko-stilisticheskie ocherki o russkom glagole, ego formakh i slovarnykh variantakh [Gor'kii] Gor'kovskoe knizhnoe izd-vo, 1961. 177 p.
[MICROFILM]

MISEVICIUS, VYT [Ghosts from the cellar of a monastery] Vienuolyno pozemio vaiduokliai, antrasis pataisytas ir papildytas leidimas. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 113 p. [In Lithuanian]

MOSCOW UNIVERSITET Fakul'tet zhurnalistiki [Style of the Russian language and literary editing] Ocherki po stilistike russkogo iazyka i literaturnomu redaktirovaniiu Pod red K I Bylinskogo [Moskva] Izd-vo Mosk univ , 1961 134 p

MOSCOW. VSESOIUZNAIA GOSUDARSTVENNAIA BIBLIOTEKA INOSTRANNOI LITERATURY. [Works of L N Tolstoi translated into foreign languages, bibliography of separate foreign editions] Khudozhestvennye proizvedeniia L. N. Tolstogo v perevodakh na inostrannye iazyki (otdel'nye zarubezhnye izdaniia); bibliografiia. Moskva, Izd-vo Vses knizhnoi palaty, 1961 588 p

[MY MILITANT GIRL FRIEND; stories. Translated from the Vietnamese. Prefaceby M. Nikitin, A. Pridybailo] Boevaia podruga, rasskazy Moskva, Voen. izd-vo oborony SSSR, 1961. 150 p. (Biblioteka soldata i motrosa)

MYRNYI, PANAS. [Selected works] Vybrani tvory Vstupnia stattia Mykoly Bazhana Kyiv, Derzh. vyd-vo khudozh lit-ry, 1949 2 v
(GU)

NAGIBIN, IU. M. [My dear friends, stories] Druz'ia moi, liudi; rasskazy. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 174 p.

NAZARENKO, V. A. [Language of art; on the craftsmanship of poets and prosaists] IAzyk iskusstva; o masterstve poeta i prozaika. Leningrad, Sovetskii pisatel', 1961. 505 p.

NIEDRE, JANIS. [Puskan island; novel] Puskanu sala; romans. Riga, Latvijas Valsts izdevnieciba, 1961. 585 p. [In Latvian]

NIKULIN, L.V. [People and wanderings; reminiscences and meetings] Liudi i stranstviia, vospominaniia i vstrechi. Moskva, Sovetskii pisatel', 1962. 510 p.

NOSOV, E.I. [Thirty kernels, stories] Tridtsat' zeren, rasskazy. [Moskva] Molodaia gvardiia, 1961 222 p.
(MH)

ORLOVA, N.S. [All about the eyes for little children] Rebiatishkam pro glaza. 2. izd. Moskva, Medgiz, 1961. 30 p. (Bibliotechka shkol'nika)

[OSSETIC AND NART FOLK TALES] Osetinskie nartskie skazaniia. [Moskva] Sovetskii pisatel', 1949. 310 p.
(MH)

PADERIN, I.G. [When flowers bloom on stones (The Last blow); a novel] Kogda tsvetut kamni (Poslednii udar); roman. [Moskva] Izd-vo "Molodaia gvardiia," 1961. 459 p.

PANOV, N.N. [Boatswain from the "Tuman."] Botsman s "Tumana." [Kemerovo] Kemerovskoe knizhnoe izd-vo, 1961. 143 p.

PARANDOWSKI, JAN. [Petrarch, 1304-1374. Translated from the Polish] Petrarka, 1304-1374. Vilnius, Valstybine grozines literaturos leidykla, 1961. 257 p. [In Lithuanian]

PAUSTOVSKII, K.G. [Selected works] Izbrannoe. [Moskva] Mosk. rabochii, 1961. 521 p.
(CU)

PEKHTELEV, I.G. [Belinskii, historian of Russian literature] Belinskii - istorik russkoi literatury. Izd. 2. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 292 p.

PERVENTSEV, A.A. [Sailors; a novel] Matrosy; roman. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 654 p.

PETRUNIN, S.I. [On native soil; verse] Na rodnoi zemle; stikhi. [Briansk] Izd-vo "Brianskii rabochii," 1958. 59 p.
(NNC)

P'IATAKOV, I.S. [With our people, the party spirit and national character of Soviet literature] Razom z narodom, pro partiinist' i narodnist' radians'koi literatury Kyiv, 1961 14 p (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR Ser 8, no 20)

[POETRY OF PEOPLE'S MONGOLIA. Translated from the Mongolian] Poeziia narodnoi Mongolii. Moskva, Gos. izd-vo khudozh lit-ry, 1961. 310 p.

POGORELOVSKII, S.V. [What the letters impart, verse, tales, riddles] Chto rasskazyvaiut bukvy, stikhi, skazki, zagadki. Leningrad, Gos. izd-vo detskoi lit-ry M-va prosv. RSFSR, 1961. 74 p.

PONOMAREVA, Z V., and Z.A. CHERNYKH [Tajik literature; a recommended reading list] Tadzhikskaia literatura, rekomendatel'nyi ukazatel'. Moskva, Gos. Respublikanskaia biblioteka Tadzhikskoi SSR im Firdousi, 1961 147 p.

POPOV, A.V. [Duel and death of Lermontov] Duel' i smert' Lermontova. [Stavropol'] Stavropol'skoe knizhnoe izd-vo, 1960. 46 p.
(NNC)

POTABENKO, S.I. [Hindi drama in the struggle for the freedom and independence of India] Dramaturgiia khindi v bor'be za svobodu i nezavisimost' Indii. Moskva, Izd-vo vostochnoi lit-ry, 1962. 88 p.

PRIVALOV, B.A. [Inscription on the heart; humorous stories] Nadpis' na serdtse, iumoristicheskie rasskazy. [Moskva] Molodaia gvardiia, 1961. 318 p.
(MH)

PRIVALOV, B.A. [Nikolai Gribachev, a story of our fellow citizen] Nikolai Gribachev, rasskaz o nashem zemliake [Briansk] Brianskii rabochii, 1960 49 p
(MH)

PROKOF'EV, D.G. [Elena Petrovna, a tale] Elena Petrovna; povest'. [Ivanovo] Ivanovskoe knizhnoe izd-vo, 1960. 241 p.
(MH)

PROKOPOVICH, N.N. [Adverbial phrases with adjectives in the modern Russian language] Sochetaniia narechii s imenami prilagatel'nymi v sovremennom russkom iazyke. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1962. 75 p.

PRUTSKOV, N.I. [Craftsmanship of Goncharov the novelist] Masterstvo Goncharova - romanista. Moskva, Izd-vo Akad. nauk SSSR, 1962. 228 p.

PSIBILIAUSKIENE, SOFIJA. [Magic reed pipe] Stebuklingoji tosele. Vilnius, Valstybine grozines literaturos leidykla, 1961. 370 p. [Publ. under her pseud. Lazdynu Peleda. [In Lithuanian]

PUMPIANSKII, A.L. [Translation of English scientific literature, vocabulary] Perevod angliiskoi nauchnoi literatury; leksika. 2., ispr. izd. Moskva, Izd-vo Akad. nauk SSSR, 1961. 101 p.

PUSHKIN, A.S. [Selected works in two volumes] Izbrannye proizvedeniia v dvukh tomakh. [Leningrad] Lenizdat.
Vol. 2. [Evgenii Onegin. Dramatic works. Prose] Evgenii Onegin. Dramaticheskie proizvedeniia. Khudozhestvennaia proza. 1961. 822 p.

[THE RED GENERAL; stories. Translated from the German] Krasnyi general; rasskazy. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 223 p.

RESHETNIKOV, F.M. [People of Podlipovka] Podlipovtsy. Moskva, Gos. izd-vo khudozh. lit-ry, 1961. 228 p.
(NN)

ROMANINOV, V.D. [Practice dialogues] Uchebnye dialogi. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1961. 96 p.

ROVDA, K.I. [Karl Marx and literature] Karl Marks i khudozhestvennaia literatura. Leningrad, Ob-vo po rasprostraneniiu polit. i nauchnykh znanii RSFSR, 1961. 64 p.

RUDNYTS'KYI, IA.B. Shevchenkiana Helvetica. 2. vyd. Winnipeg, Nakladom Akademii, 1962. 12 p. (Ukrains'ka Vil'na Akademiia Nauk Serija: Litopys UVAN, no. 20)

RUSAL'S'KYI, VOLODYMYR. [After the siege of the town; stories] Pislia oblohi mista; noveli. [Adelaide] "Svit," 1961. 63 p.
(InU)

[RUSSIA; a book on our motherland] Rossiia; kniga o Rodine. Moskva, Gos. izd-vo detskoi lit-ry M-va prosv. RSFSR, 1961. 606 p.

[RUSSIAN-GERMAN DICTIONARY] Russko-nemetskii slovar'. Pod red. A. A. Lepinga. 22 000 slov. Izd. 12., ispr. i dop. Moskva, Gos. izd-vo inostr. i natsional'nykh slovarei, 1961. 566 p.
[MICROFILM]

[RUSSIAN-LATVIAN DICTIONARY] Krievu-Latviesu vardnica Riga, Latvijas Valsts Izdevnieciba.
Vol. 1. A - O. 1959. 1107 p.
Vol. 2. P - IA. 1959. 1079 p.

[RUSSIAN-LITHUANIAN CONVERSATION BOOK] Russko-Litovskii razgovornik Rusisku-Lietuviisku pasikalbejimu knygele. [By] V. Stasaitiene. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 325 p.
[MICROFILM]

RYLENKOV, N.I. [On the old Smolensk road, a historical tale] Na starom Smolenskoi doroge; istoricheskaia povest'. [Izd. 3. Smolensk] Smolenskoe knizhnoe izd-vo, 1961. 419 p.
(MH)

SABLIN, V.V., and Z. FAZIN. [Commissar extraordinary; a tale] Chrezvychainyi komissar, povest'. Moskva, Gos. izd-vo detskoi lit-ry, 1958. 397 p. (Shkol'naia biblioteka)
(LU)

SALTYKOV, M.E. [Story of a city] Istoriia odnogo goroda Moskva, Gos izd-vo detskoi lit-ry, 1960. 269 p. (Shkol'naia biblioteka)
(TNJ)

SAVEL'EV, A.G. [The wrath of the people, a historical tale] Gnev narodnyi; istoricheskoe povestvovanie. [Kaluga] Kaluzhskoe knizhnoe izd-vo, 1960. 204 p.
(MH)

SENCHUK, I.V. Oleksa Desniak. Kyiv, 1961. 45 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 8, no. 17)

SERGIEVSKII, I.V. [Selected works; articles on Russian literature] Izbrannye raboty; stat'i o russkoi literature Moskva, Gos. izd-vo khudozh. lit-ry, 1961. 341 p.

SHELIAPINA, L.S. [Teaching the German spoken language in a boarding school; grades 1-2] Obuchenie nemetskoi ustnoi rechi v shkole-internate, I-II klassy. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1961. 64 p. (Biblioteka shkol-internatov)

SHEVCHENKO, TARAS. [Works] Tvory Kyiv [Derzh. vyd-vo khudozh. lit-ry, 1961] 3 v.
(CaOTU)

SHIROKOVA, N.A. [Syntactic constructions with a comparative conjunction in a simple sentence] Tipy sintaksicheskikh konstruktsii s sravnitel'nym soiuzom v sostave prostogo predlozheniia. [Kazan'] Izd-vo Kazanskogo univ., 1960. 153 p.
(MH)

SHKUNAEVA, I.D. [Contemporary French literature] Sovremennaia frantsuzskaia literatura; ocherki. Moskva, Izd-vo IMO, 1961. 332 p.

SHOKHIN, K.V. [On the tragic hero and the comic] O tragicheskom gerое i komicheskom personazhe. Moskva, Gos. izd-vo "Iskusstvo," 1961. 54 p.

SHOVKOPLIAS, IU. IU [Engineers; a novel] Inzhenery, roman. Kyiv, Derzh. vyd-vo khudozh. lit-ry, 1956. 494 p.
(LU)

SHPANOV, N.N. [Hurricane] Uragan. [Moskva] Molodaia gvardiia, 1961. 347 p.
(MH)

SKLIARENKO, SEMEN. Sviatoslav. Moskva, Izd-vo "Izvestiia," 1961. (Biblioteka istoricheskikh romanov narodov SSSR)

SLEPUKHIN, IU. G. [At the horizon of the sunset] U cherty zakata. Leningrad, Sovetskii pisatel', 1961. 560 p.
(MH)

SOKOLOV, S.N. [The Avesta language] Avestiiskii iazyk. Pod obshchei red. G.P. Serdiuchenko. Moskva, Izd-vo vostochnoi lit-ry, 1961. 121 p. (IAzyki zarubezhnogo Vostoka i Afriki)

[SMALL RUSSIAN-ESTONIAN DICTIONARY] Valke Vene-Eesti sonaraamat. Koostanud V. Muhel. Umbes 14 000 sona. Tallin, Eesti Riiklik Kirjastus, 1960. 134 p. [In Estonian and Russian]

SMIRNOVA, V. N., comp. [Studying the Russian language in boarding schools] Rabota po russkomu iazyku v shkolakh-internatakh, sbornik statei. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 102 p.

SMOLYCH, IURII. [Moans and groans of the broad Dnieper, a novel] Reve ta stohne Dnipr shyrokyi, roman. Kyiv, Radians'kyi pys'mennyk, 1960. 626 p. (WaU)

SMUUL, JUHAN. [Ice book. Astonishing adventures of the people of Muhu at the song festival. Translated from the Estonian] Ledovaia kniga. Udivitel'nye prikliuchenila Muhumtsev na prazdnike pesni. Moskva, Sovetskii pisatel', 1961. 423 p. (VIMIM)

SOBKO, V. M. [We only dream of a quiet life, a novel] Nam spokii til'ky snyt'sia; roman. Kyiv, Vyd-vo "Molod'," 1959. 318 p. (WaU)

SOKOLOVA, N. V. [There are four of us, a tale and stories] Nas chetvero; povest' i rasskazy. Moskva, Sovetskii pisatel', 1961. 239 p. (MH)

SOLOV'EV, VSEVOLOD. [Voltaireau; a novel on the end of the 18th century in two parts] Vol'ter'ianets; roman konsta XVIII veka v dvukh chastiakh. Washington, Izd-vo knizhnogo magazina Victor Kamkin, Inc. (Khronika chetyrekh pokolenii) Pt. 2. 1961 277 p.

SOROKIN, IU. S. [Instructions for compiling a dictionary for N. V. Gogol's "Dead souls."] Instruktsiia po sostavleniiu slovaria k "Mertvym dushami" N. V. Gogolia. Moskva, Akad. nauk SSSR, 1960. 75 p. (MH)

SOROKIN, V. F. [Creative path of Mao Dun'] Tvorcheskii put' Mao Duniia. Moskva, Izd-vo vostochnoi lit-ry, 1962. 181 p.

SPAGIS, A. A. [Formation and usage of aspects of the Russian verb; textbook for teachers of non-Russian schools] Obrazovanie i upotreblenie vidov glagola v russkom iazyke; posobie dlia uchitelei nerusskikh shkol. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 382 p.

SRIVASTAVA, D. R. [Serpentine rock; stories] Zmeinyi kamen'; rasskazy. Moskva, Gos. izd-vo detskoi lit-ry, 1957. 126 p. (NNC)

STEFANTSEV, M. P. [Orthographic dictionary] Orfograficheskyi slovnyk, posibnyk dlia uchniv pochatkovoi shkoly Vyd 3 Kyiv, Radians'ka shkola, 1960. 84 p. (NNC)

STEPANOV, A. V. [Cultivation of speech] O kul'ture rechi. Moskva, Gos. izd-vo "Iskusstvo," 1961. 83 p. (Repertuar khudozhestvennoi samodeiatel'nosti, no. 31)

STEPANOV, G. G. [Day in the life of a writer; collected stories] Den' iz zhizni pisatelia [sbornik rasskazov. Izd. 3., perer. i dop.] Riga, Latvitskoe gos. izd-vo, 1961. 330 p. (MH)

STEL'MAKH, M. P. [Truth and falsehood (Marko Bessmertnyi), a novel] Pravda i krivda (Marko Bessmertnyi); roman. Moskva, Gos. izd-vo khudozh. lit-ry, 1962. 87 p. (Roman-gazeta, no. 3(255))

STEVENSON, ROBERT LOUIS. [Selected works. Translated from the English] Izbrannoe. [Moskva] Molodaia gvardiia, 1957. 445 p. (C)

SUKHOV, F. G. [Azure street; verse] Goluboia ulitsa; stikhi. [Stalingrad] Stalingradskoe knizhnie izd-vo, 1961. 93 p. (MH)

SUKONTSEV, A. A. [Your notebook] Tvoia zapisnaia knizhka, Moskva, Gos. izd-vo polit. lit-ry, 1961. 60 p. (Bibliotechka zhurnalista)

SVIDER, P. I. [O Kopytenko; his life and works] Kopytenko; zhyttia i tvorchist', Kyiv, Radians'kyi pys'mennykh, 1960. 181 p. (MH) (InU)

TAGORE, Sir RABINDRANATH. [Lyrics. Translated from the Bengali] Lirika. Moskva, Goslitizdat, 1961. 190 p. (CLU)

TEL'PUGOV, V. P. [Nikolai Ushakov; a biographic sketch] Nikolai Ushakov; kritiko-biograficheskii ocherk. Moskva, Sovetskii pisatel', 1961. 130 p. (MH)

TIKHONOV, N. S. [Stories] Rasskazy Moskva, Gos. izd-vo detskoi lit-ry, 1956 412 p. (Shkol'naia biblioteka) (LU)

TKACH, M. M. [Rye wreath, verse] Zhytnii vinok; virshi. Kyiv, "Molod'," 1961 71 p. (MH)

TOLSTOI, L. N. [Anna Karenina, a novel] Anna Karenina, roman. Petrozavodsk, Gos. izd-vo Karel'skoi ASSR, 1960. 905 p. (TNJ)

TOLSTOI, L. N. Detstvo, Childhood. Edited by Nina Marks and Tatiana Knupffer. London, Bradda Books [1961] 154 p. (IU)

TSARAPKINA, E. S. [German language in a kindergarten; from the experience of teaching the German language in the Kindergarten No. 1 of Ryazan] Nemetskii iazyk v detskom sadu; iz opyta obucheniia nemetskomu iazyku v detskom sadu No 1. g. Riazani. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961 94 p

TSERETELI, A. R. [Selected works. Translated from the Georgian] Izbrannye proizvedeniia. Tbilisi, Zaria Vostoka, 1960. 1xviii, 740 p. (MH) (NN)

TSETLIN, V. S. [Methods of teaching French grammar in the secondary school] Metodika obucheniia grammaticheskim navykam frantsuzskogo iazyka v srednei shkole; osnovnye voprosy. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1961. 265 p

TSVETAEVA, M. I. (Efron). [Selected works] Izbrannoe. Moskva, Gos. izd-vo khudozh. lit-ry, 1961. 302 p. (CU)

TURGENEV, I. S. Asia Edited with notes and vocabulary by F. G. Gregory. London, Bradda Books [1961] 87 p. (IU)

TURGENEV, I. S. [Complete collected works and letters] Polnoe sobranie sochinenii i pisem. Moskva, Izd-vo Akad. nauk SSSR, 1960- (CaOTU) (CSt) (TNJ)

TURSUNZADE, MIRZO. [Voice of Asia. Khasan-arbakesh; verse and poems. Translated from the Tajik] Golos Azii. Khasan-arbakesh; stikhotvoreniia i poemy. Moskva, Goslitizdat, 1960. 148 p. (MH)

[TWO SOLDIERS; stories. Translated from the Czech] Dva soldata; rasskazy. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 148 p.

UKRAINKA, LESIA. [Forest song, a fairy drama in 3 acts] Lesnaia pesnia; drama-feeriia v 3-kh deistviiakh. Moskva, Gos. izd-vo khudozh. lit-ry, 1960] 199 p. (NcD)

UPENYK, M. O. [Undying flame; verse and poems] Ogon' ne gasnet; stikhi i poemy. Moskva, Sovetskii pisatel', 1961. 101 p. (MH)

USHAKOV, V. E. [On the language of canon of the 13th and 14th centuries phonetic analysis of the manuscrip Lenin State Library of the U. S. S. I Ustiuzhskoi kormchei, XIII-XIV vv i fonoticheskoe opisanie rukopisi G bibliotekl SSSR im. V. I. Lenina, i Rumiantseva, no. 230) Pod red. F. Kirovskii gos. pedagog. in-t im. V 67 p.

VARTAPETIAN, N. A. [Guide to Russ Armenian given and family names, names] Spravochnik po russkoi tra skikh imen, familii i geograficheskl Erevan, Armianskoe gos. izd-vo,

VASILEVICH, A. S. [My heart overhe sertsa. Minsk, Dziarzh. vyd-va B (MH)

VASILEVSKII, V. S. [Chronicle; curr war tales] Letopis'; sovremennye voennye povesti. Moskva, Sovets 568 p.

VASIN, K. K. [Russians, we are with the Mari] S vami, rusichi; povest' "Sovetskaia Rossiia, 1961. 157 p.

VASYLENKO, A., and A. ZALASHKO, comps. [Ivan Petrovych Kotliarevs'kyi, his life and works in illustrations and documents] Ivan Petrovych Kotliarevs'kyi, zhyttia i tvorchist' v illiustratsiiakh i dokumentakh. Kyiv, Derzh. uchbovo-pedagog. vyd-vo "Radians'ka shkola," 1961 191 p.

VEETAMM, M. [Squirrel Roomuraas, the king of cones, rhymes about a squirrel, birds, and other animals] Oravi Roomuraas kabikuningas, laule oravast ja muust looma-ning linnurahvast Tallinn, Eesti Riikilk Kirjastus, 1958. 47 p [In Estonian]

VERSHYHORA, PETRO. [Partisan's love; stories] Partizanskaia liubov', rasskazy. Moskva, Sovetskaia Rossiia, 1961. 110 p. (Korotkie povesti i rasskazy) (MH)

VERZHBITSKII, N. K. [Meetings with Esenin; reminiscences] Vstrechi s Eseninym, vospominaniia Tbilisi, Izd-vo Soiuza pisatelei Gruzii "Zaria Vostoka," 1961. 128 p.

VINOGRADSKAIA, S. S. [Two evenings; stories] Dva vechera, rasskazy Moskva, Sovetskii pisatel', 1961 194 p. (MH) (NN)

VINOKUR, T. G. [The Old Russian language] Drevnerusskii iazyk. Moskva, Gos. izd-vo "Vysshaia shkola," 1961 114 p.

VISHNEVETSKII, F. F., and IA. SIKORSKII. [Thirtieth gate; a tale] Tridtsataia zastava; povest'. [Zaporozh'e] Zaporozhskoe knizhno-gazetnoe izd-vo Vol. I. 1961. (MH)

VITAKHOV, S. P., and L. N. ANDREEVA. [Our daily wall newspaper] Nasha ezhednevnaia stennaia gazeta. [Leningrad] Lenizdat, 1961. 29 p. (Bibliotechka rabochego i sel'skogo korrespondenta)

VITKA, VASIL', pseud. [Roll call; verse, poems, tales, plays, and stories] Paverka; vershy, paemy, kazki, p'esy, apaviadanni. Minsk, Dziarch. vyd-va BSSR, 1961. 372 p. (NN)

VOLOSHCHAK, A. V. [Selected works] Vybrane. Kyiv, Derzhlitvydav, 1961. 182 p. (MH)

VORONKOVA, L., and K. VORONKOV. [The horn summons the hero, a tale] Rozhok zovet bogatyria; povest'. Moskva, Gos. izd-vo detskoi lit-ry, 1958. 198 p. (Shkol'naia biblioteka dlia nerusskikh shkol) (InU)

VOVK, VIRA, pseud. [Elegies] Elegii. Munich, Ukraina'ke vyd-vo, 1958. 27 p. (InU)

VYRHAN, I. [The turn of the sun; verse and a poem] Povorot solntsa; stikhi i poema. Moskva, Sovetskii pisatel', 1961. 103 p. (MH)

VYSHNIA, OSTAP, pseud. [Humoresques] Humoreski.

ZHILIN, B. I. [Black flags, a tale] Chernye flazhki, povest'. Astrakhan' [Volga] 1960. 244 p. (MH)

ZLOBIN, A., and V. MIKHAILOV, comps. [People of our city, stories on Muscovites] Liudi nashego goroda, rasskazy o moskvichakh. [Moskva] Mosk. rabochii, 1961. 301 p.

ZWEIG, STEFAN. [Novelle. Translated from the German] Novelly. Moskva, Gos. izd-vo khudozh. lit-ry, 1960. 193 p. (OCI)

ZWIBAK, JACQUES. [Faraway but close] Dalekie, blizkie. [New York, Izd. "Novogo Russkogo Slova" n. d.] 265 p. [Published under his pseud. Andrei Sedykh]

12. GEOGRAPHY & GEOLOGY

AKADEMIIA NAUK SSSR. Igor' Nikolaevich Plaksin. Vstupitel'naia stat'ia V. I. Klassena i V. A. Glembotskogo. Bibliografiia sostavlena A. P. Epifanovoi. Moskva, Izd-vo Akad. nauk SSSR, 1962. 116 p. (Materialy k biobibliografii uchenykh SSSR. Seriia tekhnicheskikh nauk. Gornoe delo, no. 10)

ANDRIANOV, B. V. [The population of Africa, a supplement to the map of the peoples of Africa] Naselenie Afriki, prilozhenie k karte narodov. Moskva, Izd-vo Akad. nauk SSSR, 1960. 78 p.
——— ——— ——— Map

ANUCHIN, V. A. [Criticism on the comprehensiveness of geography] O kritike edinstva geografii. Predisl. N. N. Baranskogo. Moskva, Mosk. gos. univ. im. M. V. Lomonosova, 1961. 32 p.

ARTEM'EVA, A. G. [The modern map of Africa] Sovremennaia karta Afriki. Moskva, Izd-vo "Znanie," 1961. 32 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 12, Geologiia i geografiia, no. 22)

[ATLAS OF THE ARMENIAN SOVIET SOCIALIST REPUBLIC] Atlas Armianskoi Sovetskoi Sotsialisticheskoi Respubliki. Erevan, Akad. nauk Armianskoi SSR, Erevan, Glav. upr. geodez. i kartografii MG i ON SSSR, 1961. 111 p.

BIBER, OTTO. [Mysterious Kaffa, in a land of reigning gods] Tainstvennaia Kaffa, v strane tsarei-bogov. Moskva, Izd-vo vostochnoi lit-ry, 1961. 146 p. (NjP)

BORISOV, A. IA. [Orenburg, reference book] Orenburg, Spravochnik. [Orenburg] Orenburgskoe knizhnoe izd-vo, 1960. 137 p.
[MICROFILM]

BUL'VANKER, E. Z. [Rugosa of the Silurian in Podolia] Kerally rugoza silura Podolii. Moskva, Gos. izd-vo geol. lit-ry, 1952. 46 p. (Leningrad. Vsesoiuznyi geologicheskii institut. Trudy)

CHERNIKOV, O. A. [Lithology of Lower Carboniferous sediments in the southwestern margin of the West Siberian Plain] Litologiia nizhnekamennougol'nykh otlozhenii iugo-zapadnogo obramleniia Zapadno-Sibirskoi nizmennosti. Moskva, Izd-vo Akad. nauk SSSR, 1961. 108 p.

CHYZHOV, M. P. [The forest-and-steppe region in the Ukraine, a physicogeographical study] Ukrains'kyi lisostep; fiziko-geograficznyi narys. Kyiv, Derzh. uchbovo-pedagog. vyd-vo "Radians'ka shkola," 1961. 203 p.

DANILOV, A. D. [Geography of the U. S. S. R.; nature and population] Geografiia SSSR, priroda i naselenie. Moskva, Izd-vo "Znanie," 1961. 38 p. (Narodnyi universitet kul'tury' Estestvennonauchnyi fakul'tet, no. 21)

DAVIDOVICH, V. G., and B. S. KHOREV, eds. [Satellite cities] Goroda - sputniki, sbornik statei. Moskva, Gos. izd-vo geogr. lit-ry, 1961. 193 p.

DUROV, S. A. [Synthesis in hydrochemistry; origin of the salt composition of natural waters] Sintez v gidrokhimii; proiskhozhdenie solevogo sostava prirodnykh vod. [Rostov-na-Donu] Rostovskoe knizhnoe izd-vo, 1961. 245 p.

EFREMOV, A. N., and E. P. FEDOROVSKII. [A restless line, a book on a meridian] Bespokoinaia priamaia, kniga ob odnom meridiane. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1962. 295 p.

EL'NITSKII, L. A. [Knowledge of northern lands in classical antiquity] Znaniia drevnikh o severnykh stranakh. Moskva, Gos. izd-vo geogr. lit-ry, 1961. 222 p.

FOMICHEV, V. D. [Rugosa and the stratigraphy of the Middle and Upper Carboniferous and Permian sediments in the Donets Basin] Kerally rugoza i stratigrafiia srednee- i verkhnekamennougol'nykh i permskikh otlozhenii Donetskogo basseina. Moskva, Gos. izd-vo geol. lit-ry, 1953. 621 p. (Leningrad. Vsesoiuznyi geologicheskii institut. Trudy)
——— ——— ———Atlas. 99 p.

GLAZUNOVA, A. E. [Aptian-Albian ammonites in the Kopet-Dag, Greater and Lesser Balkhan Range, and Mangyshlak Peninsula] Ammonity apta i al'ba Kopet-Daga, Malogo i Bol'shogo Balkanov i Mangyshlaka. Moskva, Gos. izd-vo geol. lit-ry, 1953. 155 p. (Leningrad. Vsesoiuznyi geologicheskii institut. Trudy)

GOROSHCHENKO, V. P. [Studying geographical data in elementary schools, textbook for normal schools] Izuchenie geograficheskikh svedenii v nachal'noi shkole, uchebnik dlia pedagogicheskikh uchilishch. Izd. 1, ispr. i dop. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 173 p.

GRIGOR'EV, N. F. [Formation of the relief and frozen rocks in the coastal area of eastern Antarctica] Formirovanie rel'efa i merzlykh gornykh porod poberezh'ia Vostochnoi Antarktidy. Moskva, Izd-vo Akad. nauk SSSR, 1962. 147 p.

IVAN'KOV, P. A., and N. F. SMOZHENKOV. [Plastics in cartography] Plastiki v kartografii. [n. p.] Izd-vo geodez. lit-ry, 1961. 80 p.

IVASK, A. Haanjamaa. Tallinn, Eesti Riiklik Kirjastus, 1961. 79 p. [In Estonian with summary in Latvian]

KALITA, A. P. [Rare earth pegmatites in the Alakurtti and Lake Ladoga regions] Redkozemel'nye pegmatity Alakurtti i Priladozh'ia. Moskva, Izd-vo Akad. nauk SSSR, 1961. 117 p.

KAPITSA, A. P. [Is Antarctica a continent? Explorations of polar countries] Materik li Antarktida? Issledovaniia poliarnykh stran. Moskva, Izd-vo "Znanie," 1961. 43 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 12, Geologiia i geografiia, no. 10)

KOZLOV, A. I., and K. N. GOLYGIN. [District changes its appearance] Raion meniaet oblik. [Leningrad] Lenizdat, 1961. 39 p. (Novoe vkhodit v zhizn')

KRYM. CRIMEA. [Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry URSR, 1961] 1 v. (chiefly illus.)

[LAND AND PEOPLE; geographical calendar for 1962] Zemlia i liudi; geograficheskii kalendar' 1962. Moskva, Gos. izd-vo geogr. lit-ry, 1961. 253 p.
——— ——— [Africa, 1951 and 1961; colored maps. Supplement] Afrika 1951 i 1961 gody, tsvetnye karty. Prilozhenie.

LARIONOV, A. K. [Engineering geology made interesting] Zanimatel'naia inzhenernaia geologiia. Moskva, Izd-vo "Vysshaia shkola," 1961. 231 p.

LENINGRAD. VSESOIUZNYI GEOLOGICHESKII INSTITUT. [Paleontology and stratigraphy] Paleontologiia i stratigrafiia, sbornik statei. Moskva, Gos. izd-vo geol. lit-ry, 1952. 254 p. (Its Trudy)

LIEPINS, PETERIS. [Structure of the earth's crust in Latvia] Zemes garozas uzbuve Latvija. Riga, Latvijas Valsts izdevnieciba, 1956. 40 p. (Populari Zinatniska Biblioteka) [In Latvian]

LOZHKIN, V. V. [Determination of the minerals of placer deposits; practical guide] Diagnostika mineralov rossypei; prakticheskoe rukovodstvo. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1962. 242 p.

MALOV, N. [The Bukhtarminsk Sea] Bukhtarminskoe more. Alma-Ata, Kazakhskoe Gos. izd-vo, 1961. 87 p.
[MICROFILM]

MARKSOO, AGO. [Estonian S. S. R.] Eesti NSV. Tallinn, Eesti Riiklik Kirjastus, 1961. 86 p. [In Estonian]

MEL'KHEEV, M. N. [Geographic names; toponimy dictionary; textbook for teachers] Geograficheskie imena; toponimicheskii slovar'. Posobie dlia uchitelei. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 99 p.

MIL'KOV, F. N. [Central region of the European part of the U. S. S. R.; studies of nature] Srednaia polosa Evropeiskoi chasti SSSR; ocherk prirody. Moskva, Gos. izd-vo geogr. lit-ry, 1961. 215 p.

MOSCOW. Arkhitekturno planirovochnoe upravlenie. [Index to an illustrated map of Moscow] Ukazatel' k illiustrirovannoi skheme Moskvy. [Moskva] 1957. 47 p.

[MOSCOW, album of views] Moskva, al'bom vidov. [Tbilisi, Izd. gruzinskogo otd-niia Muzfonda SSSR, 1961] 109 p. (chiefly illus.)

[MOSCOW, tourists' companion] Moskva, sputnik turista. [Moskva] Mosk. rabochii, 1961. 479 p.

MOSKVIN, B. V. [To the icy heart of the Urals] K ledianomu serdtsu Urala. Moskva, Izd-vo "Fizkul'tura i sport," 1961. 79 p. (Po rodnym prostoram)

NAUCHNOE SOVESHCHANIE PO IZUCHENIIU KARSTA. 3d, Moscow, 1956. [Study of areal karst] Regional'noe karstovedenie. Moskva, Izd-vo Akad. nauk SSSR, 1961. 213 p.

[PAPERS OF THE FACULTY OF GEOLOGY OF MOSCOW UNIVERSITY, for the 22nd session of the International Geological Congress] Sbornik trudov geologicheskogo fakul'teta Moskovskogo universiteta, k XXII sessii Mezhdunarodnogo geologicheskogo kongressa. [Moskva] Izd-vo Mosk. univ., 1961. 232 p.

PEREL'MAN, A. I. [Geochemistry and landforms] Geokhimiia i landshafty. Moskva, Izd-vo "Znanie," 1961. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 12, Geologiia i geografiia, no. 19)

PLESHKOV, IA. F. [Streamflow regulation, calculations in the water economy] Regulirovanie rechnogo stoka; vodokhoziaistvennye raschety. Leningrad, Gidrometeoizd-vo, 1961. 395 p.

POLOVINKINA, IU. IR. [Basic and ultrabasic rocks of Karsakpay in connection with the genesis of ferruginous quartzites] Osnovnye i ul'traosnovnye porody Karsakpaia v sviazi s problemoi genezisa zhelezistykh kvartsitov. Moskva, Gos. izd-vo geol. lit-ry, 1952. 86 p. (Leningrad. Vsesoiuznyi geologicheskii institut. Trudy)

POPADEIKIN, V. I. [Moscow - Minsk - Brest, automobile road guide] Moskva - Minsk - Brest, putevoditel' po avtomobil'noi doroge. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961. 167 p.

PREOBRAZHENSKII, A. I., ed. [Composition and editing of special maps] Sostavlenie i redaktirovanie spetsial'nykh kart. [n. p.] Izd-vo geodez. lit-ry, 1961. 319 p.

PROBOKS, A. [Karsava; guidebook for Karsava District] Karsava, turisma celvedis pa Karsavas rajonu. Riga, Latvijas Valsts Izdevnieciba, 1961. 70 p. [In Latvian]

REKLAMNO-IZDATEL'SKAIA FABRIKA, Moscow. [For Moscow guests; advertising and information reference book] Gostiam Moskvy; reklamno-informatsionnyi spravochnik. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1961. 127 p.

REVICH, V. A. [Flowers and concrete] TSvety i beton. Moskva, Sovetskaia Rossiia, 1960. 69 p. (Po zemle Sibirskoi)
(MH)

RIGA. Riga, Latvijas Valsts Izdevnieciba, 1959. 78 p. illus., 7 fold col. maps.
(WU)

RIGA. Riga, Latvijas Valsts Izdevnieciba, 1961. 15 p. illus.
——— ——— ———[Text in three languages] 36 p.

[RIGA; concise reference book] Riga, kratkii spravochnik. Riga, Latviiskoe gos. izd-vo, 1960. 286 p.

[RIGA AND ITS ENVIRONS, Riga seaside, the Kemeri region; a concise guidebook] Riga i okrestnosti, Rizhskoe vzmor'e, Kemeri; kratkii putevoditel'. Riga, Latviiskoe gos. izd-vo, 1959. 78 p.
(TNJ)

RUESSOW, HELEN. [Lights of Asia; a trip to the East] Ogni Azii; puteshestvie na Vostok. Paris, 1961. 303 p.

RUKHIN, L. B. [Fundamentals of lithology; the theory of sedimentary rocks] Osnovy litologii; uchenie ob osadochnykh porodakh. Izd. 2, perer. i dop. B. V. Rukhinoi. Pod red. N. B. Vassoevicha. Leningrad, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 779 p.

SAFONOV, V. A. [Burned by the sun; a travel sketch] Opalennye solntsem; putevaia povest'. Moskva, Sovetskii pisatel', 1961. 204 p.

SAIDOVA, KH. M. [Foraminiferal ecology and paleogeography of seas of the Soviet Far East and the northwestern part of the Pacific] Ekologiia foraminifer i paleogeografiia dal'nevostochnykh morei SSSR i severo-zapadnoi chasti Tikhogo okeana. Moskva, Izd-vo Akad. nauk SSSR, 1961. 231 p. illus.

SIHEINIS, Z. S. [Wotan's shadow is here again] Snova ten' Votana. Moskva, Gos. izd-vo polit. lit-ry, 1961. 68 p.

SHULEIKIN, V. V. [Studies on the physics of the ocean] Ocherki po fizike moria. Izd. 4., perer. i dop. Moskva, Izd-vo Akad. nauk SSSR, 1962. 169 p.

SNORE, E. Z., and E. E. KASTRS. [Bauska, guidebook for Bauska and its environs] Bauska, tai tuma celvedis pa Bausku un tas apkartni. Riga, Latvijas Valsts Izdevnieciba, 1961. 130 p. [In Latvian]

[THE SOUTHERN COAST OF THE CRIMEA] Iuzhnyi bereg Kryma. Moskva, Gos. izd-vo izobraz. iskus. 1959. 1 v. (unpaged, chiefly illus.)
(WU)

SOVESHCHANIE PO UNIFIKATSII STRATIGRAFICHESKIKH SKHEM URALA I PO SOOTNOSHENIIU DREVNIKH SVIT URALA I RUSSKOI PLATFORMY. Sverdlovsk, 1956. [Resolutions of the Interdepartmental Conference on Working out of Unified Stratigraphic Schemes for the Urals] Reshenila mezhvedomstvennogo soveshchaniia po razrabotke unifitsirovannykh stratigraficheskikh skhem dlia Urala. Rassmotreno i utverzhdeno Mezhvedomstvennym stratigraficheskim komitetom 9 fevralia 1960 g. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1961. 50 p.

[SOVIET SOUTH OSSETIA] Sovetskaia IUgo-Osetiia. Tbilisi, Gos. izd-vo "Sabchota Sakartvelo," 1960. 1 v.

[SOVIET TRANSCARPATHIA; handbook] Sovetskoe Zakarpat'e, spravochnik. Uzhgorod, Zakarpatskoe oblastnoe knizhno-gazetnoe izd-vo, 1961. 223 p.

SOLOV'EV, V. R. Leningrad. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 32 p. (Biblioteka shkol'nika)

SULTANOV, K. M. [Brief paleontologic dictionary] Kratkii paleontologicheskii slovar'. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1961. 209 p.

TARTU. ETNOGRAAFIA MUUSEUM. [The 50th anniversary of the Ethnographical Museum, a guide to the exhibition] 50 aastat Etnograafia Muuseumi, matluse juht. Tartu, 1961. 56 p. [In Estonian]

TOLSTIKHINA, M. M. [Devonian sediments in the central part of the Russian Platform and Paleozoic development of its basement] Devonskie otlozheniia tsentral'noi chasti Russkoi platformy i razvitie ee fundamenta v Paleozoe. Moskva, Gos. izd-vo geol. lit-ry, 1952. 141 p. (Vsesoiuznyi nauchno-issledovatel'skii geologicheskii institut. Trudy)

TUMANSKAIA, O. G. [Upper Permian Fusulinidae in the southern Ussuri region] O verkhnepermskikh fuzulinidakh IUzhno-Ussuriiskogo kraia. Moskva, Gos. izd-vo geol. lit-ry, 1953. 56 p. (Leningrad. Vsesoiuznyi geologicheskii institut. Trudy)

VOLKOV, N. M. [Cartography] Kartografiia. Moskva, Izd-vo geodez. lit-ry.
Pt. 2. [Map composition and editing] Sostavlenie i redaktirovanie kart. 1961. 265 p. maps.

VRONSKII, B. I. [Along the paths of the taiga, memoirs of a geologist] Po taezhnym tropam, zapiski geologa. [Magadan] Magadanskoe knizhnoe izd-vo, 1960. 123 p.
[MICROFILM]

[YAROSLAVL; album of photos] IAroslavl', al'bom fotografii. [IAroslavl', IAroslavskoe knizhnoe izd-vo, 1960] 1 v. (unpaged; chiefly illus.)
(NcU) (OrU)

ZELENOVA, A. I. [Pavlovsk Park] Pavlovskii park. [Leningrad] Lenizdat, 1961. 98 p.

ZENKOVICH, V. P. [Dynamics and morphology of seashores] Dinamika i morfologiia morskikh beregov. Moskva, Izd-vo "Morskoi transport."
Pt. 1. [Wave processes] Volnovye protsessy. 1946. 495 p.

ZHUKOV, M. M., V. I. SLAVIN, and N. N. DUNAEVA. [Principles of geology] Osnovy geologii. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr. 1961. 625 p.

13. SCIENCE

ABRAMOVA, A. L., I. I. SAVICH-LIUBITSKAIA, and Z. N. SMIRNOVA. [Guide to the frondiferous mosses of the Arctic regions of the U.S.S.R.] Opredelitel' listostebel'nykh mkhov Arktiki SSSR. Pod red. I. I. Savich-Liubitskoi. Moskva, Izd-vo Akad. nauk SSSR, 1961. 714 p.

AFANAS'EV, V. A. [Optical measurements] Opticheskie izmereniia. Moskva, Izd-vo geodez. lit-ry, 1961. 238 p.

AGAFOSHIN, N. P. [Periodic law and the modern theory of atomic structure] Periodicheskii zakon i sovremennoe uchenie o stroenii atoma. Moskva, Izd-vo "Znanie," 1962. 38 p. (Narodnyi universitet kul'tury. Estestvennonauchnyi fakul'tet, no. 20)

AKADEMIIA NAUK GRUZINSKOI SSR, Tiflis. Institut lesa. [Trees of the Caucasus, wild and cultivated (trees and shrubs)] Dendroflora Kavkaza, dikorastushchie i kul'turnye derev'ia i kustarniki. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR.
Vol. 2. [Angiospermae. Dicotyledons] Angiospermae - Polypetalae. Dicotyledone - Dvudol'nye. 1961. 334 p.

AKADEMIIA NAUK SSSR, Institut biokhimii. [Biochemistry of the nervous system] Biokhimiia nervnoi sistemy. Kiev, Izd-vo Akad. nauk USSR, 1954. 270 p.

AKADEMIIA NAUK SSSR. Institut geologii i razrabotki goriuchikh iskopaemykh. [Geochemistry of oil and oil fields] Geokhimiia nefti i neftianykh mestorozhdenii. Moskva, Izd-vo Akad. nauk SSSR, 1962. 205 p.

AKADEMIIA NAUK SSSR. Institut teoreticheskoi astronomii. [Ephemerides of minor planets for 1949] Efemeridy malykh planet na 1949 god. Moskva, Izd-vo Akad. nauk SSSR, 1948. 122 p.

AKADEMIIA NAUK SSSR. Institut teoreticheskoi astronomii. [Ephemerides of minor planets for 1951] Efemeridy malykh planet na 1951 god. Moskva, Izd-vo Akad. nauk SSSR.
Vol. II. 1953. 175 p.

AKADEMIIA NAUK SSSR. Komitet po geodezii i geofizike. [Information on scientific works on seismology and physics of the earth's interior, 1957-1959, presented at the International Association of Seismology and Physics of the Earth's Interior on the occasion of the 12th General Assembly of the International Union of Geodesy and Geophysics] Soobshchenie o nauchnykh rabotakh po seismologii i fizike nedr zemli 1957-1959 gg., predstavliaemykh v Mezhdunarodnuiu assotsiatsiiu seismologii i fiziki nedr zemli XII General'noi assamblee Mezhdunarodnogo geodezicheskogo i geofizicheskogo soiuza. Moskva, 1960. 144 p.

AKADEMIIA NAUK SSSR. Otdelenie biologicheskikh nauk. [Radiation genetics] Radiatsionnaia genetika; sbornik rabot. Moskva, Izd-vo Akad. nauk SSSR, 1962. 367 p.

AKADEMIIA NAUK SSSR. Sibirskoe otdelenie. [Some problems in mathematics and mechanics] Nekotorye problemy matematiki i mekhaniki. Novosibirsk, Izd-vo Sibirskogo otd-nie AN SSSR, 1961. 265 p.

AKIMUSHKIN, I. I. [Traces of unseen animals] Sledy nevidannykh zverei. Moskva, Gos. izd-vo geogr. lit-ry, 1961. 255 p. (Rasskazy o prirode)

ALFER'EV, M. IA. [Hydromechanics] Gidromekhanika. Izd. 2., perer. i dop. Moskva, Izd-vo "Rechnoi transport," 1961. 320 p.

APANASEVICH, P. A., and V. S. AIZENSHTADT. [Tables of the distribution of energy and photons in an equilibrium radiation spectrum] Tablitsy raspredeleniia energii i fotonov v spektre ravnovesnogo izlucheniia. Minsk, Izd-vo Akad. nauk BSSR, 1961. 260 p.

ARKHANGEL'SKII, M. M. [Course in physics, mechanics] Kurs fiziki, mekhanika. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 407 p.

ARTRUKH, L. IU., and others. [Thermal boundary layer problems in the case of heterogeneous and diffusion combustion; Conference on Heat and Mass Transfer, Minsk, January 23-27, 1961] Teplovye zadachi pogranichnogo sloia pri geterogennom i diffuzionnom gorenii; soveshchanie po teplo-i massoobmenu, g. Minsk, 23-27 tanvaria 1961 g. [Minsk, 1961] 18 p.
[MICROFILM]

ARTSIKHOVSKAIA, N. V. [Photosynthesis, index of Soviet and foreign literature] Fotosintez; ukazatel' otechestvennoi i inostrannoi literatury. Otv. red. B. A. Rubin. Bibliogr. red. E. S. Romanovskaia. [Moskva] Izd-vo Mosk. univ.,
Vol. I. 1951-1958.
Pt. 3. 1961. 504 p.

ASATIANI, V. S. [Biological tables] Biologicheskie tablitsy. Tbilisi, Izd-vo AN Gruz. inskoi SSR.
Pt. 2. 1961. 326 p.

[ASTRONOMICAL YEARBOOK OF THE U.S.S.R. FOR 1963] Astronomicheskii ezhegodnik SSSR na 1963 g., sorok vtoroi god izdaniia. Moskva, Izd-vo Akad. nauk SSSR, 1961. 650 p.

BALASHOV, V. V., V. B. BELIAEV, and R. A. ERAMZHIAN. [Calculation of two-nucleon correlations in the theory of pi-capture by light nuclei] Uchet dvukhnukloninykh korreliatsii v teorii pi-zakhvata legkimi iadrami. Dubna, Ob"edinennyi in-t iadernykh issledovanii, 1962. 11 p. [With summary in English]

BARKHATOVA, K. A. [Atlas of color-magnitude diagrams for open clusters] Atlas diagramm tsvet-velichina rasseiannykh zvezdnykh skoplenii. Moskva, [Izd-vo Akad. nauk SSSR] 1958. 127 p.
(ICU)

BARLYBAEV, KH. A., and others. [Some aspects of convective heat transfer in an incompressible fluid (internal problem); Conference on Heat and Mass Transfer, Minsk, January 23-27, 1961] Nekotorye voprosy konvektivnogo teploobmena v neszhimaemoi zhidkosti (vnutrennaia zadacha); soveshchanie po teplo-i massoobmenu, g. Minsk, 23-27 tanvaria 1961 g. [Minsk, 1961] 17 p.
[MICROFILM]

BASE-SADHANE, H. [Significance of microelements in nutrition] Mikroelementu nozime uztura. Riga, Latvijas PSR Zinatnu akad. izdevnieciba, 1961. 59 p. [In Latvian]

BEGUNOV, B. N. [Geometrical optics] Geometricheskaia optika. [Moskva] Izd-vo Mosk. univ., 1961. 260 p.

BEDEMAN, L. N., Z. G. BESPALOVA, and A. T. RAKHMANINA. [Studies on ecology, geobotany, agriculture and drainage in the Kura-Aras Lowland of Transcaucasia; natural and anthropogenic changes of plant communities, water conditions and root systems of plants] Ekologo-geobotanicheskie i agromeliorativnye issledovaniia v Kura-Arakskoi nizmennosti Zakavkaz'ia, estestvennye i antropogennye smeny rastitel'nykh soobshchestv, vodnoi rezhim i kornevye sistemy rastenii. Moskva, Izd-vo Akad. nauk SSSR, 1962. 464 p.

BIRIUR, T. I. [Value of invertebrates occurring in large masses in the Dnieper River and the Dnieper-Bug Liman as food of fishes] Kormova tsinnist' dlia ryb masovykh form bezkhrebetnykh Dnipra i Dniprovs'ko-Buz'koho limanu. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 108 p.

BOGATOVA, G. P. [The earth in its past and present; index of scientific and popular literature] Zemlia v ee proshlom i nastoiashchem, ukazatel' nauchno-populiarnoi literatury. Izd. 3., dop. i perer. Moskva, Gos. biblioteka SSSR im. V. I. Lenina, 1961. 46 p. (Knigi o prirode i ee zakonakh)

BOGDANOV, P. L. [Botany] Botanika. 2., perer. izd. Moskva, Goslesbumizdat, 1961. 391 p.

BOGDARINA, A. A. [Physiological bases of the effect of insecticides on plants] Fiziologicheskie osnovy deistviia insektitsidov na rastenie. Leningrad, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 190 p.

BRAINES, IA. M. [Similitude and modeling in chemical and petrochemical processes] Podobie i modelirovanie v khimicheskoi i neftekhimicheskoi tekhnologii. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 219 p.

BUSLENKO, N. P., and IU. A. SHREIDER. [Method for statistical tests (Monte-Carlo) and use of digital computers in its realization] Metod statisticheskikh ispytanii (Monte-Karlo) i ego realizatsiia na tsifrovykh vychislitel'nykh mashinakh. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 226 p.

CASSELS, JOHN WILLIAM SCOTT. [Introduction to diophantine approximation. Translated from the English] Vvedenie v teoriiu diofantovykh priblizhenii. Pod red. i s dop. A. O. Gel'fonda. Moskva, Izd-vo inostr. lit-ry, 1961. 212 p.
(RPB)

CHETVERUKHIN, N. F. [Projective geometry] Proektivnaia geometriia. Izd. 7. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 359 p.

[CONCISE CHEMICAL ENCYCLOPEDIA] Kratkaia khimicheskaia entsiklopediia. Red. kollegiia: L. L. Kuniants i dr. Moskva, Gos. nauchn. izd-vo "Sovetskaia entsiklopediia." (Entsiklopedii, slovari, spravochniki)
Vol. 1. A - E. 1961. 1262 columns.

GROSSGEIM, A. A. [Flora of the Caucasus] Flora Kavkaza. 2., perer. i dop. izd. Moskva, Izd-vo Akad. nauk SSSR.
Vol. 6. Geraniaceae - Araliaceae. 1962. 424 p.

DANILOVA, E. F. [How to help students find a way to solve geometrical problems] Kak pomoch' uchashchimsia nakhodit' put' k resheniiu geometricheskikh zadach 2 ispr. i dop izd. Moskva, Gos. uchebno-pedagog izd-vo M-va prosv RSFSR, 1961 141 p. (Iz opyta uchitelia)

DOBROKHOTOV, V. N. [Weed seeds] Semena sornykh rastenii Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 413 p illus.

DOMOKOS, G. [Asymptotic behavior of the vertex part in the pseudoscalar meson theory] Ob asimptoticheskom povedenii vershinnoi chasti v psevdoskalarnoi mezonnoi teorii. Dubna, Ob"edinennyi in-t iadernykh issledovanii, 1962. 6 p. [With summary in English]

DRUIN, V. A. [Energy dependence of the cross section for the production of Md^{256}_{101} in the irradiation of U^{238}_{92} with Ne^{22}_{10} nuclei] Energeticheskaia zavisimost' secheniia obrazovaniia Md^{256}_{101} pri obluchenii U^{238}_{92} iadrami Ne^{22}_{10}. Dubna, Ob"edinennyi in-t iadernykh issledovanii, 1962. 9 p. [With summary in English]

DRUIN, V. A., I. BRANDSHTETR, and IA. MALY. [Measurement of the period of spontaneous fission of the fermium isotope Fm^{252}.] Izmerenie perioda spontannogo deleniia izotopa fermiia Fm^{252} Dubna, Ob"edinennyi in-t iadernykh issledovanii, 1962. 12 p. [With summary in English]

EESTI NSV TEADUSTE AKADEEMIA. Zoologia ja Botaanika Instituut. [Flora of the Estonian S. S. R.] Eesti NSV floora. Tallinn, Eesti Riiklik Kirjastus. [With summaries in Russian and German]
Vol. 7. Uksip, A., comp. 1961. 479 p.

EESTI NSV TEADUSTE AKADEEMIA. Zoologia ja Botaanika Instituut. [Hydrobiological research] Hudrobiologilised uurimused. Tartu. [In Estonian with summaries in Russian and German]
Vol. 2. 1961. 411 p.

EL'BRUSSKAIA VYSOKOGORNAIA EKSPEDITSIIA. [Transactions of the Elbrus High-Mountain Expedition] Trudy. Moskva, Izd-vo Akad. nauk SSSR
Vol. 2(5) [Physics of clouds and precipitation] Fizika oblakov i osadkov. 1961. 204 p.

ELISEEV, A. A., and I. B. LITINETSKII. [M. V. Lomonosov as the first Russian physicist] M. V. Lomonosov pervyi russkii fizik. Moskva, Gos izd-vo fiziko-matem. lit-ry, 1961. 280 p

ERSHOV, A. P., ed. [Automation of programming; translated articles] Avtomatizatsiia programmirovaniia; sbornik perevodov. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 368 p.

FAERSHTEIN, M. G. [Historical survey of the molecular theory in chemistry; before 1860] Istorlia uchenila o molekule v khimii do 1860 g. Moskva, Izd-vo Akad. nauk SSSR, 1961. 385 p.

FAIDYSH, O. M. [Thermonuclear reactions; on the natural and artificial suns] Termoiaderni reaktsii; pro pryrodne i shtuchne sontse, Kyiv, 1961. 37 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 6, no. 20)

[FAUNA OF AZERBAIJAN] Fauna Azerbaidzhana. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR.
Vol. 5., no. 1. Dzhafarov, Sh. M. [Diptera, Black flies (Simuliidae)] Dvukrylye nasekomye. Moshki (sem. Simuliidae). 1960. 154 p.

FEINBERG, S. M. [The atom and the atomic nucleus] Atom i atomnoe iadro. Moskva, Izd-vo "Znanie," 1962 30 p. (Narodnyi universitet kul'tury: Estestvennonauchnyi fakul'tet, no. 23)

FETISOV, V. A. [Laboratory works on physics; for students of grades 8 to 10] Laboratornye raboty po fizike; dlia uchashchikhsia 8-10 klassov. Izd. 3., perer. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 237 p.

FILIPPOV, V. V. [Biotin in plants and animals] Biotin v rastitel'nom i zhivotnom organizmakh. Moskva, Izd-vo Akad. nauk SSSR, 1962. 231 p.

[FLAMES AND CHEMICAL KINETICS. Translated from the English. Preface by S. A. Gol'denberg] Plamena i khimicheskaia kinetika; sbornik statei. Moskva, Izd-vo inostr. lit-ry, 1961. 352 p.

[FLORA OF KRASNOYARSK TERRITORY] Flora Krasnoiarskogo kraia. Tomsk, Izd-vo Tomskogo univ.
No. 6. Polozhii, A. V. [Pea family-Papilionaceae] Bobovye - Papilionaceae. 1960. 93 p.

FRISH, S. E., and A. V. TIMOREVA. [Course in general physics] Kurs obshchei fiziki. Izd. 10, ispr. i dop. Moskva, Gos. izd-vo fiziko-matem. lit-ry.
Vol. 1. [Physical foundations of mechanics. Molecular physics. Oscillations and waves] Fizicheskie osnovy mekhaniki. Molekuliarnaia fizika. Kolebaniia i volny. 1961. 466 p.

FROLOV, N. A. [Theory of functions of real variables; textbook for pedagogical institutes] Teoriia funktsii deistvitel'nogo peremennogo; uchebnoe posobie dlia pedagogicheskikh institutov. Izd. 2. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 171 p.

GALKIN, N. P., L. A. PONOMAREV, and IU. D. SHISHKOV. [Plutonium hexafluoride, its preparation and properties] Geksaftorid plutoniia, ego poluchenie i svoistva. Moskva, Gos. izd-vo lit-ry v oblasti atomnoi nauki i tekhniki, 1961. 34 p.

GERCHUK, IA. P. [Program of optimum planning; linear programming] Problemy optimal'nogo planirovaniia; lineinoe programmirovanie. Moskva, Izd-vo ekon. lit-ry, 1961. 230 p

GINZBURG, I. P. [Possible methods for solving boundary layer problems in the case of dissociation and diffusion; Conference on Heat and Mass Transfer, Minsk, June 5-10, 1961] O vozmozhnykh metodakh resheniia zadach pogranichnogo sloia pri nalichii dissotsiatsii i diffuzii, soveshchanie po teplo-i massoobmenu, g. Minsk, 5-10 iiunia 1961 g. [Minsk, 1961] 35 p.
[MICROFILM]

GLAGOLEV, N. A. [Course in nomography] Kurs nomografii Izd. 2. Moskva, Gos izd-vo "Vysshaia shkola," 1961. 267 p.

GNEDENKO, B. V. [Course in the theory of probabilities] Kurs teorii veroiatnostei. Izd. 3., perer. Moskva, Gos izd-vo fiziko-matem. lit-ry, 1961 406 p.

GOLOVIN, B. M., and others. [Spin-orbital states of particles in elastic nucleon-deuteron scattering] Spinovye sostoiniia chastits pri uprugom nuklon-deitronnom rasseianii Dubna, Ob"edinennyi in-t iadernykh issledovanii, 1961. 15 p

GRINEVICH, E. N. [Stories on animal life] Ocherki o zhizni zverei. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 214 p.

GRITSAENKO, G. S., E. S. RUDNITSKAIA, and A. I. GORSHKOV. [Electron microscopy of minerals; equipment, research methods, and preparation techniques] Elektronnaia mikroskopiia mineralov, apparatura, metody issledovaniia i tekhnika preparirovaniia. Moskva, Izd-vo Akad. nauk SSSR, 1961. 131 p.

GUREVICH, M. I. [Theory of flows of an ideal liquid] Teoriia strui ideal'noi zhidkosti. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 496 p

GVOZDKOV, N. N., and E. P. VAULIN. [Heat transfer from a porous plate in gas flow; Conference on Heat and Mass Transfer, Minsk, January 23-27, 1961] O teploobmene poristoi plastiny v gazovom potoke; soveshchanie po teplo-i massoobmenu, g. Minsk, 23-27 ianvaria 1961 g. [Minsk, 1961] 16 p.
[MICROFILM]

HARTNETT, J. P., and GAZLEY, CARL. [Generalized representation of cooling by means of mass transport into the laminar boundary layer of a plate; Conference on Heat and Mass Transfer, Minsk, January 23-27, 1961] Obobshchennoe predstavlenie metodov okhlazhdeniia putem podvoda massy v laminarnyi pogranichnyi sloi plastiny; soveshchanie po teplo-i massoobmenu, g. Minsk, 23-27 ianvaria 1961 g. [Minsk, 1961] 18 p.
[MICROFILM]

HUDLICKY, MILOS. [Chemistry of organic fluoro compounds. Translated from the Czech] Khimiia organicheskikh soedinenii ftora. Pod red. A. P. Sergeeva. Moskva, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1961. 372 p.

IARKOVOI, O. I. [Steady state of an axially symmetrical system of charged particles] O statsionarnom sostoianii aksial'no-simmetrichnoi sistemy zariazhennykh chastits. Dubna, Ob"edinennyi in-t iadernykh issledovanii, 1962. 10 p. [With summary in English]

IAKOVLEV, B. IA. [Climate of Murmansk Province] Klimat Murmanskoi oblasti. [Murmansk] Murmanskoe knizhnoe izd-vo, 1961. 178 p.

INDREASH, G., and others [Study of γ-rays in the resonance system of a cyclotron] Issledovanie γ-luchei rezonansnoi sistemy tsiklotrona Dubna, Ob"edinennyi in-t iadernykh issledovanii, 1962 16 p [With summary in English]

INTERNATIONAL CONGRESS OF ANATOMISTS, 6th, Paris, 1955. [Nomina anatomica, International anatomical nomenclature] Nomina anatomica; starptautiska anatomiska nomenklatura. Riga, Latvijas PSR Zinatnu Akad. izdevnieciba, 1961. 354 p. [Parallel texts in Latvian, Latin and Russian]

[INVESTIGATION OF THE UPPER ATMOSPHERE BY THE USE OF ROCKETS AND SATELLITES, solar short-wave and corpuscular radiations and their effect on the upper atmosphere of the earth. Translated from the English. Preface by G. S. Ivanov-Kholodnyi] Issledovaniia verkhnei atmosfery s pomoshch'iu raket i sputnikov, korotkovolnovoe i korpuskuliarnoe izluchenila solntsa i ikh vozdeistvie na verkhniuiu atmosferu Zemli; sbornik statei. Moskva, Izd-vo inostr. lit-ry, 1961. 471 p.

IRODOV, M. V. [Continuous reagent-free splitting of fats] Nepreryvnoe bezreaktivnoe rasshcheplenie zhirov. Moskva, Pishchepromizdat, 1961 76 p. (Biblioteka molodogo rabochego)

IUR'EV, IU. K. [Laboratory work in organic chemistry] Prakticheskie raboty po organicheskoi khimii. 2., dop. izd. [Moskva] Izd-vo Mosk univ
No. 1-2. 1961. 418 p.

KAASIK, U., H. SALUM, and M. SINISOO. [Electronic calculating machines] Elektron-arvutusmasinad Tallinn, Eesti Riiklik Kirjastus, 1960. 194 p [In Estonian]

KALINOVSKII, A. B., and N. Z. PINUS. [Aerology] Aerologiia Leningrad, Gidrometeor. Izd-vo
Pt. 1. [Methods of aerological measurements] Metody aerologicheskikh izmerenii. 1961 517 p.

KAMYSHEV, N. S. [Principles of phytogeography; floristic geography of plants] Osnovy geografii rastenii, floristicheskaia geografiia rastenii. Voronezh, Izd-vo Voronezhskogo univ., 1961. 189 p.

KAPLAN, S. A. [Physics of stars] Fizika zvezd. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 151 p.

KAPTSOV, N. P. [Complex movement of a point; methodological textbook on theoretical mechanics] Slozhnoe dvizhenie tochki; uchebno-metodicheskoe posobie po teoreticheskoi mekhanike. Otv. red. A. V. Krylov. Moskva, Mosk. in-t neftekhim. i gazovoi promyshl. im. I. M. Gubkina, 1959. 17 p.
[MICROFILM]

KAROL', B. P. [M. V. Lomonosov and meteorology] M. V. Lomonosov i meteorologiia. Leningrad, Gidrometeor. izd-vo, 1961. 50 p.

KARPOV, M. M. [Dialectical materialism and natural science] Dialekticheskii materializm i estestvoznanie. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 40 p.

KATILIUS, P. [Differential geometry] Diferencialine geometrija. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 292 p. [In Lithuanian]

KAUDERER, HANS. [Nonlinear mechanics. Translated from the German] Nelineinaia mekhanika. Moskva, Izd-vo inostr. lit-ry, 1961. 777 p. diagrs. (RPB)

KLYSHEV, L. K. [Biology of Anabasis aphylla L.; biological foundations of its use and cultivation] Biologiia anabazisa bezlistnogo Anabasis aphylla L.; biologicheskie osnovy ispol'zovaniia i vvedeniia v kul'turu. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1961. 350 p.

KOL'MAN, E., and A. P. IUSHKEVICH. [Mathematics before the Renaissance] Matematika do epokhi Vozrozhdeniia. Moskva, Gos. izd-vo fiziko-matem. lit-ry.
[Book 1] Kol'man, E. [History of mathematics in antiquity] Istoriia matematiki v drevnosti. 1961. 235 p.

KOMISSAROVA, L. N., and V. E. PLESHCHEVA, eds. [Methods for the separation of rare earth metals; collection of translated articles] Metody razdeleniia redkozemel'nykh metallov; sbornik statei. Moskva, Izd-vo inostr. lit-ry, 1961. 361 p.

KONIGSBERG, BALTIISKII NAUCHNO-ISSLEDOVATEL'-SKII INSTITUT MORSKOGO RYBNOGO KHOZIAISTVA I OKEANOGRAFII. [Commercial and some non-commercial fishes of the western coast of Africa (from the Levrier Bay to the Gulf of Guinea), textbook for fishery workers] Promyslovye i nekotorye nepromyslovye ryby zapadnogo poberezh'ia Afriki (ot bukhty Levrie do Gvineiskogo zaliva); posobie dlia promyslovikov. Kaliningrad, 1961. 175 p.

KONTUSHKO, I. M. [Qualitative chemical analysis] Kachestvennyi khimicheskii analiz. Minsk, Izd-vo M-va vysshego, srednego spetsial'nogo i professional'-nogo obrazovanita BSSR, 1961. 488 p.

KONSTANTINOVA-SHLEIZINGER, M. A. [Luminescence analysis] Liuminestsentnyi analiz. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 399 p. (Fizika i tekh-nika spektral'nogo analiza. Biblioteka inzhenera)

KOPYRIN, M. A. [Hydraulics and hydraulic machinery] Gidravlika i gidravlicheskie mashiny. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 301 p.

KOROSTELEV, P. P. [Preparation of solutions for chemo-analytical laboratory work] Prigotovlenie rastvorov dlia khimiko-analiticheskikh rabot Moskva, Izd-vo Akad. nauk SSSR, 1962. 310 p.

KOROVIN, A. I. [Soil temperature and plants in the North] Temperatura pochvy i rastenie na Severe. Petrozavodsk, Gos. izd-vo Karel'skoi ASSR, 1961 190 p.

KORTNEV, A. V., IU. V. RUBLEV, and A. N. KUTSENKO. [Practical work in physics] Praktikum po fizike. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 426 p.

KOSSOVSKII, M. A. [Titanium] Titan. Moskva, Vses uchebno-pedagog izd-vo Profizdat, 1961 40 p. (Nauchno-populiarnaia literatura)

KREIDLIN, E. G. [Oral tests on mathematics for grades 8-10] Ustnye kontrol'nye raboty po matematike dlia 8-10 klassov. Moskva, Gos. uchebno-pedagog izd-vo M-va prosv RSFSR, 1961. 63 p. (Iz opyta uchitelia)

KRINOV, E. L. [Celestial stones; meteors and meteorites] Nebesnye kamni, meteory i meteority Moskva, Vses izd-vo M-va obrazovany SSSR, 1961. 85 p. (Nauchno-populiarnaia biblioteka)

KUDRIAVTSEV, B. B. Mikhail Vasil'evich Lomonosov. Izd 4. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 167 p.

KUMANOV, G. A. [The outer space era] Epokha kos-mosa. Moskva, Izd-vo "Znanie," 1961, 31 p. (Narod-nyi universitet kul'tury: Estestvennonauchnyi fakul'-tet, no. 24)

KUTATELADZE, S. S. [Heat transfer in boiling; Conference on Heat and Mass Transfer, Minsk, January 23-27, 1961] Teploobmen pri kipenii; soveshchanie po teplo-i massoobmenu, g. Minsk, 23-27 ianvaria 1961 g. [Minsk, 1961] 37 p.
[MICROFILM]

KUZIN, A. M. [General biochemistry] Obshchaia biokhimiia. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 253 p.

KUZNETSOVA, M. IA., V. N. POKROVSKII, and V. N. RYBAKOV. [Study of the reaction $Al^{27}(p, p\pi^{+})Mg^{27}$] Izuchenie reaktsii $Al^{27}(p, p\pi^{+})Mg^{27}$. Dubna, Ob"edinennyi in-t iadernykh issledovanii, 1962. 10 p. [With summary in English]

LADYZHENSKAIA, O. A. [Mathematical aspects of the dynamics of a viscous incompressible fluid] Matematich-eskie voprosy dinamiki viazkoi neszhimaemoi zhidkosti Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 203 p. (Sovremennye problemy matematiki)

LEBEDINSKII, A. V., and IU. I. MOSKALEV, eds. [Distribution, biological activity and migration of radioactive isotopes] Raspredelenie, biologicheskoe deistvie i migratsiia radioaktivnykh izotopov. Moskva, Medgiz, 1961. 342 p.

LEFSCHETZ, SOLOMON. [Differential equations: geometric theory. Translated from the English] Geometricheskaia teoriia differentsial'nykh uravnenii. Pod red. V. V. Nemytskogo, V. M. Nemytskogo i V. M. Alekseeva. Moskva, Izd-vo inostr. lit-ry, 1961. 387 p.
(RPB)

LEIBSON, L. G. [Blood sugar, regulation of sugar content in animal and human blood] Sakhar krovi; regulia-tsiia soderzhaniia sakhara v krovi u zhivotnykh i cheloveka. Moskva, Izd-vo Akad. nauk SSSR, 1962. 399 p.

LEMAN, V. M. [Course in the photoculture of plants] Kurs svetokul'tury rastenii. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 205 p.

LIUDMILOV, D. S. [Problems without numerical data, textbook for teachers] Zadachi bez chislovykh dannykh, posobie dlia uchitelei. Moskva, Gos. uchebno-pedag-og. izd-vo M-va prosv. RSFSR, 1961. 239 p.

LYKOV, A. V. [Study of heat and mass transfer in a boundray layer using methods involving the thermo-dynamics of irreversible processes; Conference on Heat and Mass Transfer, Minsk, January 23-27, 1961] Primenenie metodov termodinamiki neobratimykh protsessov k issledovaniiu teplo-i massoperenosa v pogranichnom sloe, soveshchanie po teplo-i masso-obmenu, g. Minsk, 23-27 ianvaria 1961 g [Minsk, 1961] 17 p
[MICROFILM]

LUZIN, N. N. [Differential calculus] Differentsial'noe ischislenie. Izd. 7. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 477 p.

MAEVSKII, P. F. [Autumnal plants of the central zone of the European part of the U. S. S. R.; classification key] Osennaia flora srednei polosy Evropeiskoi chasti SSSR; opredelitel'. Izd. 2. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 149 p.

MALINOVSKII, M. S. [Olefin oxides and their derivatives] Okisi olefinov i ikh proizvodnye. Moskva, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1961. 552 p.

MAL'KOVSKII, G. P. [Mass and energy in modern physics] O masse i energii v sovremennoi fizike. [Kazan'] Izd-vo Kazanskogo univ., 1961. 178 p.

MAMONTOV, M. A. [Problems of the thermodynamics of a body of variable mass] Voprosy termodinamiki tela peremennoi massy. Moskva, Gos. nauchno-tekhn. izd-vo Oborongiz, 1961. 54 p.

MANAKOV, I. F. [Physiology of higher nervous activity in farm animals] Fiziologiia vysshei nervnoi deiatel'-nosti sel'skokhoziaistvennykh zhivotnykh. Khar'kov, Izd-vo Khar'kovskogo Gos. univ. im. A. M. Gor'kogo, 1961. 201 p.

[MATHEMATICAL ANALYSIS; differentiation and integration] Matematicheskii analiz; differentsirovanie i integrirovanie. [By] I. G. Aramanovich i dr. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 350 p. (Spravochnaia matematicheskaia biblioteka)

MIN'KOVSKII, E. M. [Calculating machines and their use in accounting] Schetnye mashiny i ikh ispol'zo-vanie v bukhgalterskom uchete. Moskva, Gosstat-izdat TsSU SSSR, 1961. 247 p.

MISHCHENKO, K. P., and A. A. RAVDEL', eds. [Practi-cal work in physical chemistry] Prakticheskie raboty po fizicheskoi khimii. Izd. 2., perer. Leningrad, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1961. 374 p.

MODENOV, P. S., and A. S. PARKHOMENKO. [Geo-metrical transformations] Geometricheskie pre-obrazovaniia. [Moskva] Izd-vo Mosk. univ., 1961, 230 p.

MORGULIS, N. D. [Thermoelectric (plasma) energy converter] Termoelektronnyi (plazmennyi) preobra-zovatel' energii. Moskva, Gos. izd-vo lit-ry v oblasti atomnoi nauki i tekhniki, 1961. 80 p. (Nauchno-populiarnaia biblioteka)

MOSCOW, FIZIKO-KHIMICHESKII INSTITUT. [Sci-entific conference celebrating the 40th anniversary of the Institute; abstracts of reports] Nauchnaia iubilei-naia konferentsiia, posviashchennaia 40-letiiu institu-ta; tezisy dokladov. Moskva, Gos. kom-t Soveta Ministrov SSSR po khimii, 1958. 37 p.
[MICROFILM]

MOSCOW, TSENTRAL'NYI INSTITUT PROGNOZOV. [Applicability of agrometeorological forecasting methods in different regions of the U. S. S. R.; results of field tests] Primenimost' metodov agrometeorolo-gicheskikh prognozov v razlichnykh raionakh SSSR, rezul'taty proizvodstvennykh ispytanii. Pod red. A. V. Protserova, E. S. Ulanovoi. Moskva, Gidro-meteor. izd-vo, 1961. 156 p.

MOSCOW, VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'-SKII INSTITUT KORMOV. [Methods of experimental work on meadows and pastures] Metodika opytnykh rabot na senokosakh i pastbishchakh. Pod obshchei red. N. S. Koniushkova, T. A. Rabotnova, L. A. TSatsen-kina. Moskva, Sel'khozgiz, 1961. 287 p.
(DA)

MUSABEKOV, IU. S. [Justus Liebig, 1803-1873] IUstus Libikh, 1803-1873. Moskva, Izd-vo Akad. nauk SSSR, 1962. 213 p. (Nauchno-biograficheskaia seriia)

MUSKHELISHVILI, N. I. [Science in Soviet Georgia, brief review] Nauka v Sovetskoi Gruzii; kratkii obzor. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1961. 87 p.

NAUCHNAIA KONFERENTSIIA PO IZUCHENIIU VNUTRENNIKH VODOEMOV PRIBALTIKI. 7th, Petrozavodsk, 1959. [Biology of inland waters in the Baltic Sea region; transactions] Biologiia vnutrennikh vodoemov Pribaltiki, trudy. Moskva, Izd-vo Akad. nauk SSSR, 1962. 286 p.

NGUEN VAN KH'EU. [Remark on the experimental study of the structure of the vector current in weak inter-action] Zamechanie k eksperimental'nomu issledova-niiu struktury vektornogo toka v slabom vzaimodeist-vii. Dubna, Ob"edinennyi in-t iadernykh issledovanii, 1962. 6 p. [With summary in English]

NOVIKOV, V. A. [Plant physiology] Fiziologiia rastenii. Leningrad, Izd-vo sel'khoz. lit-ry, zhurnalov i plaka-tov, 1961. 415 p. (Uchebniki i uchebnye posobiia dlia sel'skokhoziaistvennykh vuzov)

OGLOBLIN, D. N. [Five-digit tables of trigonometrical functions for mine surveyors] Piatizznachnye tablitsy natural'nykh znachenii trigonometricheskikh funktsii dlia markscheiderov 3 , ispr. izd. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961 189 p.

OSTROGRADSKII, M. V. [Complete collection of works in three volumes] Polnoe sobranie trudov v trekh tomakh. Kiev, Izd-vo Akad. nauk USSR.
Vol. 3 1961. 395 p

PAVLIUCHENKO, M. M. [Heterogeneous chemical reactions] Geterogennye khimicheskie reaktsii. Minsk, Izd-vo M-va vysshego, srednego spetsial'nogo i professional'nogo obrazovaniia BSSR, 1961. 261 p.

PEREL'MAN, T. L. [Heat transfer in a laminar boundary layer during flow over a thin plate containing internal sources; Conference on Heat and Mass Transfer, Minsk, 1961] Teploobmen v laminarnom pogranichnom sloe pri obtekanii tonkoi plastiny s vnutrennimi istochnikami, soveshchanie po teplo-i massoobmenu, g. Minsk, 1961 g. [Minsk, 1961] 9 p.
[MICROFILM]

PODGORETSKII, M. I. [Some characteristics of kinetic equations] O nekotorykh osobennostiakh kineticheskikh uravnenii. Dubna, Ob"edinennyi in-t iadernykh issle-dovanii, 1962. 15 p.

POGORELOV, A. V. [Lectures on differential geometry] Lektsii po differentsial'noi geometrii. Izd. 3. Khar'-kov, Izd-vo Khar'kovskogo Gos. univ. im. A. M. Gor'-kogo, 1961. 165 p.
[MICROFILM]

POGORELOV, A. V. [Some results in geometry in the large] Nekotorye rezul'taty po geometrii v tselom. Khar'kov, Izd-vo Khar'kovskogo Gos. univ., 1961. 88 p.

POLIAKOV, IU. A., and E. A. MIT'KINA. [Method for studying heat transfer in a short-duration process in gas dynamics; Conference on Heat and Mass Transfer, Minsk, January 23-27, 1961] Metod izuchenita teplo-obmena v kratkovremennom gazodinamicheskom protsesse; soveshchanie po teplo-i massoobmenu, g. Minsk, 23-27 ianvaria 1961 g. [Minsk, 1961] 17 p.
[MICROFILM]

POPOVA, N. S. [Didactic material on arithmetic for a grade 3 teacher's manual] Didakticheskii material po arifmetike dlia III klassa; posobie dlia uchitelei. Izd. 4., ispr. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 151 p.

[PRACTICAL WORK IN GENERAL BIOPHYSICS IN EIGHT PARTS] Praktikum po obshchei biofizike v vos'mi vypuskakh. Pod obshchei red. B. N. Tarusova. Moskva, Gos. izd-vo "Vysshaia shkola."
No. 5 Khomazuk, V. G. [Dosimetry of ionizing radiations] Dozimetriia ionizirulushchikh izluchenii. 1961. 243 p.
[MICROFILM]

PREDVODITELEV, A. S. [Aerodynamics of rarefied gases and heat-transfer problems; Conference on Heat and Mass Transfer, Minsk, January 23-27, 1961] Ob aerodinamike razrezhennykh gazov i zadachakh teploobmena, soveshchanie po teplo-i massoobmenu, g. Minsk, 23-27 ianvaria 1961 g. [Minsk, 1961] 24 p.
[MICROFILM]

[PROBLEMS IN THE QUANTUM THEORY OF IRREVER-SIBLE PROCESSES. Articles translated from the English. Preface by V. L. Bonch-Bruevich] Voprosy kvantovoi teorii neobratimykh protsessov; sbornik statei. Moskva, Izd-vo inostr. lit-ry, 1961. 365 p. (Problemy fiziki)

RUPAIS, A.A. [Dendrophilous plant lice in the parks of Latvia] Dendrofil'nye tli v parkakh Latvii. Riga, Izd-vo Akad. nauk Latvliskoi SSR, 1961. 251 p.

RYZHIKOV, A.M. [In forests and groves] Po lesam i roshcham. [Moskva] Mosk. rabochii, 1961. 99 p.

SANADZE, G.A. [Emanation of volatile organic substances from plants] Vydelenie rastenliami letuchikh organicheskikh veshchestv. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1961. 91 p.

SERGEENKOV, A.A., comp. [Chemistry in school and in life] Khimiia v shkole i v zhizni, sbornik statei ob opyte raboty uchitelei po soedineniiu obuchenila s proizvoditel'nym trudom uchashchikhsia. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 173 p.

S"EZD VSESOIUZNOGO ASTRONOMO-GEODEZICHESKOGO OBSHCHESTVA 3d, Kiev, 1960. [Transactions of the Congress of the All-Union Astronomical and Geodetic Society] Trudy. Moskva, Izd-vo Akad. nauk SSSR, 1962. 257 p.

SHARONOV, V.V. [Light and color] Svet i tsvet. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 311 p.

SHELKOVNIKOV, F.A., and K.G. TAKAISHVILI. [Collection of exercises in operational calculus] Sbornik uprazhnenii po operatsionnomu ischisleniiu. Pod red. P.I. Kuznetsova. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 150 p.

SHIROKIKH, I.I. [The slide rule and its uses, practical handbook] Logarifmicheskaia lineika i ee primenenie, prakticheskoe rukovodstvo. Izd. 4., ispr. i dop. [Tomsk] Tomskoe knizhnoe izd-vo, 1961. 85 p.

SHTEINBERG, V.M. [New method for calculating a non-steady-state temperature field for a semi-infinite inhomogeneous complex of bodies in mutual thermal contact, Conference on Heat and Mass Transfer, Minsk, January 23-27, 1961] Novyi metod rascheta nestatsionarnogo temperaturnogo polia dlia polubeskonechnogo neodnorodnogo kompleksa tel, nakhodiashchikhsia vo vzaimnom teplovom kontakte, soveshchanie po teplo-i massoobmenu, g. Minsk, 23-27 ianvaria 1961 g. [Minsk, 1961] 17 p.
[MICROFILM]

SHTERNBERG, A.A. [Crystals in nature and technology; teacher's manual] Kristally v prirode i tekhnike; posobie dlia uchitelei. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 86 p.

SKRIABIN, K.I. [Trematodes of animals and man; principles of the study of Trematodes] Trematody zhivotnykh i cheloveka; osnovy trematodologii. Izd-vo Akad. nauk SSSR.
Vol. 19. 1961. 471 p.

SMOLIANSKII, M.L. [Tables of indefinite integrals] Tablitsy neopredelennykh integralov. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 108 p.

SMOL'NIKOV, N.IA. [Programming fundamentals for the "Ural" digital computer] Osnovy programmirovaniia dlia tsifrovoi mashiny "Ural." Moskva, Izd-vo "Sovetskoe radio," 1961. 326 p.

SOVERSHENNYI, V.D., and G.A. TIRSKII. [Sublimation of a solid near the critical point in plane and axially symmetric gas flows; Conference on Heat and Mass Transfer, Minsk, January 23-27, 1961] Sublimatsiia tverdogo tela v okrestnosti kriticheskoi tochki v ploskom i osesimmetrichnom potokakh gaza; soveshchanie po teplo-i massoobmenu, g. Minsk, 23-27 ianvaria 1961 g. [Minsk, 1961] 15 p.
[MICROFILM]

SOVESHCHANIE PO TEPLO- I MASSOOBMENU, Minsk, 1961. [Abstracts of papers and reports presented at the Conference on Heat and Mass Transfer, supplement] Tezisy dokladov i soobshchenii (dopolnenie). Minsk, 1961. 99 p.
[MICROFILM]

STEPANENKO, B.N. [Course in organic chemistry] Kurs organicheskoi khimii. 2. izd. Moskva, Medgiz, 1961. 595 p.

STRATILATOV, P.V., ed. [Teaching mathematics in secondary schools; collection of articles] Voprosy prepodavaniia matematiki v srednei shkole; sbornik statei. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 286 p.

SUBBOTIN, V.I., and others. [Heat transfer and turbulent heat transport in a flow of liquid metals; Conference on Heat and Mass Transfer, Minsk, January 23-27, 1961] Teplootdacha i turbulentnyi perenos tepla v potoke zhidkikh metallov; soveshchanie po teplo-i massoobmenu, g. Minsk, 23-27 ianvaria 1961 g. [Minsk, 1961] 18 p.
[MICROFILM]

SVARCS, K. [Chemistry of light; photochemical reactions] Gaismas kimija; fotokimiskas reakcijas. Riga, Latvijas Valsts Izdevnieciba, 1961. 86 p. (Populari zinatniska biblioteka) [In Latvian]

SVECHIN, K.B. [Individual development of farm animals] Individual'noe razvitie sel'skokhoziaistvennykh zhivotnykh. Kiev, Izd-vo Ukrainskoi akad. sel'khoz. nauk, 1961. 406 p.

SYROMIATNIKOV, N.G. [Migration of uranium, radium, and thorium isotopes and interpretation of radioactive anomalies] Migratsiia izotopov urana, radiia i toriia i interpretatsiia radioaktivnykh anomalii. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1961. 77 p.

[TERRESTRIAL VERTEBRATES OF WHITE RUSSIA] Fauna i ekologiia nazemnykh pozvonochnykh Belorussii. Minsk, Izd-vo M-va vysshego, srednego spetsial'nogo i professional'nogo obrazovaniia BSSR, 1961. 203 p.

TIULINA, L.N. [Forest vegetation of the middle and lower part of the Uchur Basin] Lesnaia rastitel'nost' srednei i nizhnei chasti basseina Uchura. Moskva, Izd-vo Akad. nauk SSSR, 1962. 149 p.

TOLSTOV, K.D. [Determination of the effectiveness of observations and the number of events] Opredelenie effektivnosti nabliudenii i chisla sobytii. Dubna, Ob"edinennyi in-t iadernykh issledovanii, 1962. 9 p. [With summary in English]

UDEL'NOV, M.G. [Neural regulation of the heart, structural and functional foundations of the inhibiting and intensifying effect of the nervous system] Nervnaia reguliatsiia serdtsa, strukturno-funktsional'nye osnovy tormoziashchego i usilivaiushchego vliianiia nervnoi sistemy. [Moskva] Izd-vo Mosk. univ., 1961. 380 p.

UGOLEV, A.M. [Digestion and its adaptive evolution] Pishchevarenie i ego prisposobitel'naia evoliutsiia. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 305 p.

UTEVSKII, A.M. Aleksandr Vladimirovich Palladin. 2., dop. izd. Kiev, Izd-vo Akad. nauk USSR, 1961. 74 p.

VAULIN, E.P. [Heat and mass transfer in a body in the case of a solid - gas phase transition occurring on its surface; Conference on Heat and Mass Transfer, Minsk, January 23-27, 1961] Teplo-i massoobmen pri nalichii na poverkhnosti tela fazovogo perekhoda tverdoe telo - gaz; soveshchanie po teplo-i massoobmenu, g. Minsk, 23-27 ianvaria 1961 g. [Minsk, 1961] 16 p.
[MICROFILM]

VERBITSKII, I.I. [Electrostatics and electromagnetism] Elektrostatika i elektromagnetizm. Izd. 2., ispr. i dop. Minsk, Redaktsionno-izdatel'skii otdel BPI im. I.V. Stalina, 1961. 290 p.

VONSOVSKII, S.V., ed. [Ferromagnetic resonance, the phenomenon of resonance absorption of a high-frequency electromagnetic field in ferromagnetic substances] Ferromagnitnyi rezonans, iavlenie rezonansnogo pogloshcheniia vysokochastotnogo elektromagnitnogo polia v ferromagnitnykh veshchestvakh. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 343 p. (Sovremennye problemy fiziki)

VOROB'EV, N.N. [Randomized joint actions in finite games, author's abstract of his dissertation presented in candidacy for the degree of Doctor of Physics and Mathematics] Randomizirovannye sovmestnye deistviia v konechnykh igrakh; avtoreferat dissertatsii na soiskanie uchenoi stepani doktora fiziko-matematicheskikh nauk. Leningrad, Akad. nauk SSSR, 1960. 12 p.

VSEKHSVIATSKII, S.K. [Current problems in the study of the nearest planets] Sovremennye problemy issledovaniia blizhaishikh planet. Kiev, Ob-vo po rasprostraneniiu polit. i nauch. znanii USSR, 1961. 48 p.

VSESOIUZNAIA KONFERENTSIIA PO FIZIKE DIELEKTRIKOV. 2d, Moscow, 1958. [Papers delivered at the Second All-Union Conference on the Physics of Dielectrics] Tezisy dokladov. Moskva, Izd-vo Akad. nauk SSSR, 1958. 90 p.

VSESOIUZNAIA KONFERENTSIIA PO FUNKTSIONAL'NOMU ANALIZU I EGO PRIMENENIIU. 5th, Baku, 1959. [Functional analysis and its application; transactions] Funktsional'nyi analiz i ego primenenie; trudy. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1961. 289 p.

VSESOIUZNOE SOVESHCHANIE PO DIFFERENTSIAL'NYM URAVNENIIAM. Erivan, 1958. [All-Union Conference on Differential Equations. Transactions] Trudy. Erevan, Akad. nauk Armianskoi SSS, 1960. 188 p.
(RPB)

VULIS, L.A. [Overlapping of molecular and molar effects in the transition region of a flow, Conference on Heat and Mass Transfer, Minsk, June 5-10, 1961] O vzaimonalozhenii molekuliarnykh i moliarnykh effektov v perekhodnoi oblasti techeniia, soveshchanie po teplo-i massoobmenu, g. Minsk, 5-10 iiunia 1961 g. [Minsk, 1961] 16 p.
[MICROFILM]

ZAK, L.A., N.P. KULESHOV, and I.A. PETROV. [Punched card information input and output systems of the BESM-2 computer] Sistema ustroistv vvoda i vyvoda na perfokartakh vychislitel'noi mashiny BESM-2. Moskva, Vychislitel'nyi tsentr AN SSSR, 1961. 26 p.

ZAPOROZHETS, G.I. [Textbook for solving problems in mathematical analysis] Rukovodstvo k resheniiu zadach po matematicheskomu analizu. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 403 p.

ZELENIN, E.V. [Course in descriptive geometry including problems and exercises] Kurs nachertatel'noi geometrii s zadachami i uprazhneniiami. Izd. 2., dop. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 392 p.

ZYRIANOVA, L.N. [Unique beta-transitions] Unikal'nye beta-perekhody. [Leningrad] Izd-vo Akad. nauk SSSR, 1959. 96 p.
(NJP)

14. MEDICINE

AKADEMIIA MEDITSINSKIKH NAUK SSSR, Moscow. Institut gigieny truda i profzabolevanii. [Problems in industrial toxicology] Voprosy promyshlennoi toksikologii. Pod red. N.S. Pravdina. Moskva, 1960. 250 p.
(DNLM)

AKADEMIIA MEDITSINSKIKH NAUK SSSR, Moscow. Institut po izucheniiu poliomielita. [Principal results of the fourth session of the Institute on the Study of Poliomyelitis, the International Symposium on Live Vaccine against Poliomyelitis, and of the First Soviet American Conference on the Control of Poliomyelitis] Osnovnye itogi IV-i nauchnoi sessii Instituta i mezhdunarodnogo simpoziuma po zhivoi vaktsine protiv poliomielita i I-go sovetsko-amerikanskogo soveshchaniia po bor'be s poliomielitom. Moskva, 1960. 20 p.
(DNLM) [MICROFILM]

AL'TSHUL', A.S. [Mechanical obstruction of the intestines] Mekhanicheskaia neprokhodimost' kishechnika; klassifikatsiia, patogenez, klinika i lechenie. [Leningrad] Medgiz, 1961. 251 p. (Biblioteka prakticheskogo vracha)
(DNLM)

ANDRUSHKO, N.S. [Orthopedic prevention and treatment of the deformities of the supporting and locomotor apparatus at different periods in poliomyelitis] Ortopedicheskaia profilaktika i lechenie deformatsii oporno-dvigatel'nogo apparata v razlichnye periody zabolevaniia poliomielitom. Moskva, Medgiz, 1961. 137 p.
(DNLM)

ARIEVICH, A.M., and G.N. PERSHIN, eds. [Epilin in the treatment of dermatomycosis of the scalp] Epilin v terapii dermatomikozov volosistoi chasti golovy. Moskva, Medgiz, 1961. 130 p.
(DNLM)

ASTAKHOV, S.N. [Prevention and treatment of disorders in cerebral circulation] Preduprezhdenie i lechenie rasstroistv mozgovogo krovoobrashcheniia. [Leningrad] Medgiz, 1961. 98 p. (Nauchno-populiarnaia meditsinskaia literatura)
(DNLM)

BAKULEV, A.N., and R.S. KOLESNIKOVA. [Surgical treatment of suppurative pulmonary diseases] Khirurgicheskoe lechenie gnoinykh zabolevanii legkikh. Moskva, Medgiz, 1961. 206 p.
(DNLM)

BOGDANOV, IA.M., and G.M. KRAKOVIAK. [Hygiene] Gigiena. Moskva, Izd-vo "Fizkul'tura i sport," 1961. 167 p.
(DNLM)

BOGUSH, L.K., and L.S. GROMOVA. [Surgical treatment of tuberculous empyemata] Khirurgicheskoe lechenie tuberkuleznykh empiem. Moskva, Medgiz, 1961. 131 p.
(DNLM)

BONDAREVA, N.V. [Diseases transmitted to man by animals; an aid for students at popular universities of health] Bolezni, peredaiushchiesia cheloveku ot zhivotnykh; v pomoshch' slushateliam narodnykh universitetov zdorov'ia. Minsk, 1961. 22 p. (Obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii Belorusskoi SSR, no. 25)

CHUMAK, M.M., and I.I. VISHNEVSKAIA. [Rural medical service in the U.S.S.R.] Meditsinskoe obsluzhivanie sel'skogo naseleniia SSSR. Moskva, Medgiz, 1961. 171 p.

DORONIN, F.N. [Cicatricial stenosis of the esophagus] Rubtsovye suzheniia pishchevoda. [Saratov] Izd-vo Saratovskogo univ., 1961. 196 p. (DNLM)

DUKHANOV, A.IA. [Pediatric urology] Urologiia detskogo vozrasta. [Leningrad] Medgiz, 1961. 254 p. (DNLM)

FANARDZHIAN, V.A. [X-ray diagnosis of diseases of the digestive tract] Rentgenodiagnostika zabolevanii pishchevaritel'nogo trakta. Erevan, Armianskoe Gos. izd-vo.
Vol. I, 1961. 204 p.
(DNLM)

FUNSHTEIN, L.V. [Atlas of the pathological anatomy of acute experimental radiation sickness] Atlas patologicheskoi anatomii ostroi luchevoi bolezni v eksperimente. [Leningrad] Medgiz, 1961. 216 p. (DNLM)

GLAZUNOV, M.F. [Tumors of the ovaries, morphology, histogenesis, and pathogenesis] Opukholi iaichnikov; morfologiia, gistogenez, voprosy patogeneza. Izd. 2., perer. i dop. [Leningrad] Medgiz, 1961. 334 p. (DNLM)

GOL'DFARB, D.M. [Bacteriophagy] Bakteriofagiia. Pod red. i s predisl. V.D. Timakova. Moskva, Medgiz, 1961. 267 p. (DNLM)

GORFIN, D.V. [Outline history of the development of the rural public health system in the U.S.S.R. 1917-1959] Ocherki istorii razvitiia sel'skogo zdravookhraneniia SSSR, 1917-1959 gg. Pod red. M.I. Barsukova Moskva, Medgiz, 1961. 235 p.

GRINBERG, A.I. [Helminthiasis in children] Gel'mintozy u detei. Moskva, Medgiz, 1961. 182 p. (DNLM)

GUSEV, N.G. [Maximum permissible levels of ionizing radiation] O predel'no dopustimykh urovniakh ioniziruiushchikh izluchenii. Moskva, Medgiz, 1961. 198 p.

KIIROMOV, B.M. [Surgery in the past, present and future] Khirurgiia v proshlom nastoiashchem i budushchem. Leningrad, Ob-vo po rasprostraneniiu polit. i nauchnykh znanii RSFSR, 1961. 69 p. (DNLM)

KITAIGORODSKAIA, G.D. [Digestive disorders in schoolchildren] Rasstroistva pishchevareniia u detei shkol'nogo vozrasta. Moskva, Medgiz, 1961. 87 p. (Sovety roditeliam)
(DNLM)

KRONGAUZ, A.N., ed. [Practical work on dosimetric devices for roentgen and nuclear radiation] Praktikum po dozimetricheskim priboram dlia rentgenovskogo i iadernykh izluchenii. [By] M. Sh. Vainberg i dr. Moskva, Medgiz, 1961. 188 p. (DNLM)

KUKOLEV, IA.V. [Genitourinary fistulae] Genital'nye svishchi. Kiev, Gos. med. izd-vo USSR, 1961. 144 p. (DNLM)

KUPRIANOV, P.A., and V.I. MISHURA. [Heart defects and their surgical treatment] Poroki serdtsa i ikh khirurgicheskoe lechenie. [Leningrad] Medgiz, 1961. 66 p. (Nauchno-populiarnaia meditsinskaia literatura) (DNLM)

KUZ'MIN, M.K. [Lectures on the history of Russian medicine] Lektsii po istorii russkoi meditsiny. Moskva, Pervyi MOLMI im. I.M. Sechenova.
Lecture 1. [Medicine in old Russia] Meditsina Drevnei Rusi. 1961. 44 p.

LAPINA, G.A. [Tuberculosis of the bronchi; diagnosis, clinical aspects, treatment] Tuberkulez bronkhov, diagnostika, klinika, lechenie. Moskva, Medgiz, 1961. 181 p. (DNLM)

[LARGE MEDICAL ENCYCLOPEDIA] Bol'shaia meditsinskaia entsiklopediia. Glav. red. A.N. Bakulev. Moskva, Gos. nauchn. izd-vo "Sovetskaia entsiklopediia."
Vol. 24. Persul'faty - pioskostopie. Izd. 2. 1962. 1247 columns.
———— [List of articles and terms beginning with the letter "P."] Perechen' statei i terminov na bukvu "P" (dvadtsat' chetvertyi tom) 4 p.
———— [Phonorecord appended to the article "Pleurisy."] Gramofonnaia plastinka k stat'e "Plevrity."

LEBEDENKO, A.G. [Battle with an invisible enemy] Voina s nevidimym vragom. [Leningrad] Lenizdat, 1961. 124 p. (Nashi sovremenniki) (DNLM)

LICHKO, A.E. [Insulin comas; clinical aspects, mechanisms of development and insulin shock treatment of psychoses] Insulinovye komy; klinika, mekhanizmy razvitiia, insulinoshokovoe lechenie psikhozov. Moskva, Izd-vo Akad. nauk SSSR, 1962. 259 p. (DNLM)

MINSK. MINSKII NAUCHNO-ISSLEDOVATEL'SKII INSTITUT TRAVMATOLOGII I ORTOPEDII. [Clinical aspects, diagnosis, and treatment of bone tumors] Klinika, diagnostika i lechenie kostnykh opukholei. Minsk, Izd-vo Akad. nauk BSSR, 1961. 173 p. (DNLM)

MOROZOV, V.M. [Modern trends in foreign psychiatry and their conceptual bases] O sovremennykh napravleniiakh v zarubezhnoi psikhiatrii i ikh ideinykh istokakh. Pod red. A.V. Snezhnevskogo. Moskva, Medgiz, 1961. 267 p. (DNLM)

NEBYTOVA-LUK'IANCHIKOVA, M.N., S.A. ORLOVA, and N.A. PUSHINKOVA. [Children's diet in a family] Pitanie detei v sem'e. [Leningrad] Medgiz, 1962. 231 p. (Nauchno-populiarnaia meditsinskaia literatura)

OVCHINNIKOV, N.M. [New serological reactions to syphilis] Novye serologicheskie reaktsii na sifilis. Moskva, Medgiz, 1961. 162 p. (DNLM)

PANCHENKO, D.I., ed. [Problems in the regeneration of nerve trunks] Voprosy vosstanovleniia nervnykh stvolov. Kiev, Gos. med. izd-vo USSR, 1961. 248 p. (DNLM)

[PEDIATRICIAN'S MANUAL] Spravochnik pediatra. Pod red. M.S. Maslova. [Leningrad] Medgiz, 1961. 415 p. (DNLM)

PIROGOV, N.I. [Collection of works in eight volumes] Sobranie sochinenii v vos'mi tomakh. Moskva, Gos. izd-vo med. lit-ry.
Vol. 6. [Fundamentals of general field surgery] Nachala obshchei voenno-polevoi khirurgii, pt. 2. (1866). [Sevastopol letters, 1850-1855] Sevastopol'skie pis'ma, 1850-1855. 1961. 466 p.

[PIROGOV LECTURES FOR 1960] Pirogovskie chteniia 1960 goda. [Leningrad] Medgiz, 1961. 71 p.

[PROBLEMS IN THE PHYSIOLOGY AND PATHOLOGY OF THE VASCULAR TONUS] Voprosy fiziologii i patologii sosudistogo tonusa. Kiev, Gos. med. izd-vo USSR, 1961. 274 p. (DNLM)

PUSHKINA, N.N. [Vitamins in the Far North] Vitaminy na Severe. Moskva, Medgiz, 1961. 127 p. (DNLM)

SAFONOV, A.G. [Medical care in the R.S.F.S.R.] Meditsinskaia pomoshch' naseleniiu v RSFSR. Moskva, Medgiz, 1961. 366 p.

SARKIZOV-SERAZINI, I.M., and D.F. DESHIN. [Medical control and exercise therapy] Vrachebnyi kontrol' i lechebnaia fizkul'tura. Moskva, Izd-vo "Fizkul'tura i sport," 1961. 287 p. (DNLM)

SLUTSKIN, N.I. [Discorrelational-trophic determinative theory of cancer; dystrophic syndromes] Diskorreliatsionno-troficheskaia determinatsionnaia teoriia rakovoi bolezni; distroficheskie sindromy. Pod red. V.I. Rybaka. Moskva, 1961. 71 p. (DNLM)

SOKOLOV, M.I., and P.V. PAVLOV. [Manual on the use of vaccines and sera] Spravochnik po primeneniiu vaktsin i syvorotok. Moskva, Medgiz, 1961. 162 p. (DNLM)

SOLOV'EVA, L.V. [Prevention of suppurative skin diseases in agriculture and industry] Profilaktika gnoinichkovykh zabolevanii kozhi v sel'skom khoziaistve i na proizvodstve. Moskva, Medgiz, 1961. 53 p. (Nauchno-populiarnaia meditsinskaia literatura) (DNLM)

[SOVIET MEDICINE DURING THE GREAT PATRIOTIC WAR; 1941-1945] Opyt Sovetskoi meditsiny v Velikoi Otechestvennoi voine; 1941-1945 gg. Moskva, Medgiz.
Vol. 35. 1955. 491 p.

SUTIN, I.A., G.R. FINN, and L.N. ZELENSKAIA. [Handbook of medical microbiology] Uchebnik meditsinskoi mikrobiologii. Pod obshchei red. I.A. Sutina. Izd. 4., ispr. i dop. Moskva, Medgiz, 1962. 383 p. (DNLM)

SVECHNIKOVA, N.V., V.F. SAENKO-LIUBARSKAIA, and L.A. MALINOVSKAIA. [Treatment of pathological climacteric] Lechenie patologicheskogo klimaksa. Kiev, Gos. med. izd-vo USSR, 1961. 88 p. (Biblioteka prakticheskogo vracha) (DNLM)

TARASENKO, N.IU. [Industrial hygiene in connection with gamma defectoscopy of metal articles] Gigiena truda pri gamma-defektoskopii metallicheskikh izdelii. Moskva, Medgiz, 1960. 59 p. (Biblioteka prakticheskogo vracha)

TROITSKAIA, A.D. [Piodermitis, staphylodermatitis and streptodermatitis] Piodermity, stafilodermii i streptodermii. [Leningrad] Medgiz, 1959. 143 p. (Biblioteka prakticheskogo vracha)

TUMANOV, A.K. [Forensic medical examination of material evidence] Sudebnomeditsinskoe issledovanie veshchestvennykh dokazatel'stv. Moskva, Gos. izd-vo jurid. lit-ry, 1961. 579 p. (DNLM)

UGRIUMOV, V.M. [Injuries of the spine and spinal cord and their surgical treatment] Povrezhdeniia pozvonochnika i spinnogo mozga i ikh khirurgicheskoe lechenie. Moskva, Medgiz, 1961. 246 p. (DNLM)

VITENBERGS, G., and E. GRANTS. [Is the incidence of cancer increasing?] Vai saslimstiba ar vezi klust biezaka? Riga, LPSR Zinatnu akademijas izdevnieciba, 1961. 42 p. [In Latvian] (DNLM)

ZHDANOV, V.M., ed. [Collection of official materials relating to laboratory work] Sbornik ofitsial'nykh materialov po laboratornomu delu. Moskva, Medgiz.
Book 1. [Manual for laboratory doctors, sanitation doctors, and epidemiologists] V pomoshch' vrachami-laborantam, sanitarnym vracham i vracham-epidemiologam. 1961. 462 p.
Book 2. [Manual for technicians in laboratories and sanitation and epidemiological stations, and for sanitation doctors and epidemiologists] V pomoshch' rabotnikam laboratorii, sanitarno-epidemiologicheskikh stantsii, sanitarnomu vrachu, vrachu-epidemiologu. 1961. 967 p.
(DNLM)

ZIHARE, LILIJA. [Nutrition of tuberculosis patients] Tuberkulozes slimnieku uzture. Riga, Latvijas PSR Zinatnu akademijas izdevnieciba, 1961. 38 p. [In Latvian] (DNLM)

15. AGRICULTURE

[AGROCLIMATIC CONDITIONS AND NEW POSSIBILITIES IN AGRICULTURE] Agroklimaticheskie uslovila i novye rezervy v sel'skom khoziaistve. Leningrad, Gidrometeor. izd-vo, 1961. 68 p. (DA)

AKADEMIIA NAUK SSSR. Karel'skii filial. Petrozavodsk. [Northern reindeer in the Karelian A.S.S.R.; morphology, taxonomy, ecology, physiology, problems of reindeer farming] Severnyi olen' v Karel'skoi ASSR; morfologiia, sistematika, ekologiia, fiziologiia, voprosy olenevodstva. Moskva, Izd-vo Akad. nauk SSSR, 1962. 178 p. (DA)

ALEKSIN, F.E., and A.A. REPCHANSKII. [Mechanized harvesting of sugar beets for feed] Mekhanizatsiia uborki sakharnoi svekly na kormovye tseli. [Moskva] Mosk. rabochii, 1961. 61 p. (DA)

BANNIKOV, N.A. [Ways for reducing the cost of livestock production] Puti snizheniia sebestoimosti produktsii zhivotnovodstva. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 390 p. (DA)

BERBEKOV, T.M. [Basic problems of the development of productive stockbreeding on collective farms in the Kabardino-Balkar A.S.S.R.] Osnovnye problemy razvitiia produktivnogo zhivotnovodstva k kolkhozakh Kabardino-Balkarii. Pod obshchei red. N.S. IAshvili. Nal'chik, Kabardino-Balkarskoe knizhnoe izd-vo, 1961. 183 p. (DA)

BERLIAND, S.S. [Plant hybridization] Gibridizatsiia rastenii. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1957. 317 p. (DA)

BLAZHEVSKII, E.V [Thoughts about corn, as told to S Vinnitskii] Dumy o kukuruze, literaturnaia zapis' S Vinnitskogo [Odessa] Odesskoe knizhnoe izd-vo, 1961 64 p
(DA)

BUIANOV, I.A. [On renovated land] Na obnovlennoi zemle. Moskva, Izd-vo "Sovetskaia Rossiia," 1961 78 p
(DA)

BUKHMAN, V.A., and V A ROZIN. [Peat soils in Karelia, their drainage and cultivation] Torfianye pochvy Karelii, ikh osushenie i osvoenie Petrozavodsk, Gos. izd-vo Karel'skoi ASSR, 1961 84 p

CHEBOTAR'OV, R S. [Using plants for controlling parasitic diseases in farm animals] Zastosuvannia roslyn u borot'bi z parazytarnymy zakhvorliuvannlamy sil's'kohospodars'kykh tvaryn Kyiv, 1961 43 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser 5, no 17)

CHERKASSY DERZHAVNA SIL'S'KOHOSPODARS'KA DOSLIDNA STANTSIIA [Sixty years of the Cherkassy (formerly Verkhnyaki) State Agricultural Experiment Station, collection of scientific papers] 60 rokiv Cherkas'koi (kol Verkhniats'koi) derzhavnoi sil's'kohospodars'koi doslidnoi stantsii, zbirnyk naukovykh prats' Kyiv, Vyd-vo Ukrains'koi akad sil's'kohospodars'kykh nauk, 1961 145 p

DOLYNIUK, IE. O. [In the campaign for large-scale raising of corn] U pokhid za velyku kukurudzu L'viv, Knyzhkovo-zhurnal'ne vyd-vo, 1961 50 p
(DA)

DUBROVS'KYI, O O. [Present-day problems of agricultural technology] Suchasni problemy sil's'kohospodars'koi tekhniky. Kyiv, 1961 52 p (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR, Ser 5, no 22)

EROKHIN, N.G., and others [Modernized T-28 row-crop tractors] Modernizirovannye propashnye traktory T-28. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 279 p.
(DA)

[EVALUATION OF THE AGROCLIMATIC CONDITIONS OF FARM LANDS] Otsenka agroklimaticheskikh uslovii sel'skokhoziaistvennykh polei Leningrad, Gidrometeor izd-vo, 1961 75 p (V pomoshch' agronomu)
(DA)

FAVOROV, O.M., and M.S. KOLOTUKHA. [Practices of growing potatoes in the Ukraine] Dosvid vyroshchuvannia kartopli na Ukraini. Kyiv, 1961. 42 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 5, no. 23)

[FUNDAMENTALS OF LUMBERING AND THE OPERATION OF MACHINES AND MECHANISMS] Osnovy lesozagotovok i ekspluatatsiia mashin i mekhanizmov. [By] V.A. Gorbachevskii i dr. Moskva, Goslesbumizdat, 1961. 319 p.
(DA)

GARKAVI, B. L. [Measures against helminthiasis of ducks] Mery bor'by s gel'mintozami utok. Moskva, Izd-vo sel'khoz. lit-ry zhurnalov i plakatov, 1961. 81 p.
(DA)

GOBERMAN, V.A., and L.A. GOBERMAN. [Mechanization of loading and unloading operations in transporting agricultural loads] Mekhanizatsiia pogruzochno-razgruzochnykh rabot pri perevozkakh sel'skokhoziaistvennykh gruzov. Pod red. G.V. Kramarenko. Moskva, Naucho-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961. 286 p.
(DA)

GORKI, (MOGILEVSKAYA OBLAST') BELARUSKAIA AKADEMIIA SEL'SKAE HASPADARKI. [Reports of the Scientific Conference on Work Results for 1960 held on April 4-7, 1961] Tezisy dokladov nauchnoi konferentsii po itogam raboty za 1960 god 4-7 aprelia 1961 g. Gorki, Izd-vo Belorusskoi sel'khoz. akad. BSSR.
No. 1. [Agricultural Section] Agronomicheskaia sektsiia. 1961. 37 p.

[HANDBOOK FOR ZOOTECHNICIANS] Dovidnyk zootekhnika. 2., dopovnene i pereroblene vyd. Kyiv, Derzh. vyd-vo sil's'kohospodars'koi lit-ry URSR, 1960. 728 p.
(DA)

IAKHTENFEL'D, P.A. [Cultivation of spring wheat in Siberia] Kul'tura iarovoi pshenitsy v Sibiri. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 359 p.
(DA)

IOANNISIAN, S. L. [How the "Gorki Leninskie" Experimental Farm built a cattle herd producing much milk with a high butterfat content] Kak bylo sozdano vysokopu oduktivnoe zhirnomolochnoe stado krupnogo rogatogo skota v "Gorkakh Leninskikh." Moskva, Izd-vo "Znanie," 1961 77 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser 5, Sel'skoe khoziaistvo, nos. 23-24)

IVANOV, L.A. [Biological principles of turpentining in the U.S.S.R.] Biologicheskie osnovy dobyvaniia terpentina v SSSR. Izd. 3., ispr. i dop. Moskva, Goslesbumizdat, 1961. 292 p.

JASUDENAS, M., V. SILINIS, and R. SIMUKONYTE. [Regionally adopted varieties of agricultural cultures in the Lithuanian S.S.R.] Lietuvos TSR rajonuotos zemes ukio kulturu veisles. Vilnius, Valstybine politines ir mokslines literatures leidykla, 1961. 55 p [In Lithuanian]
(DA)

KAVUN, V.M. [Great stride of the seven-year plan of a collective farm] Shyrokyi krok semyrichky kolhospu. Kyiv, derzh vyd-vo sil's'kohospodars'koi lit-ry, 1961 100 p
(DA)

KHOLMOVOI, M.P. [Make use of resources wisely] Razumno ispol'zovat' resursy. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 86 p.

KHOMENKO, O.D. [Local fertilizer resources in the western regions of the Ukraine and their utilization] Mistsevi resursy dobryv zakhidnykh raiontv URSR ta ikh vykorystannia. Za redaktsiieiu P.A. Vlasiuka. Kyiv, Vyd-vo Ukrains'koi akad. sil's'kohospodars'kykh nauk, 1961. 231 p.
(DA)

KHOMUTOV, B.I., ed. [The study of food products] Tovarovedenie prodovol'stvennykh tovarov. [By] A.A. Kolesnik i dr. Moskva, Gos. izd-vo torg. lit-ry, 1961. 511 p.

KHRUSHCHEV, N.S. [Present-stage of the development of communism and the responsibility of the party in improving the supervision of agriculture] Sovremennyi etap kommunisticheskogo stroitel'stva i zadachi partii po uluchsheniiu rukovodstva sel'skim khoziaistvom; doklad i zakliuchitel'noe slovo na Plenume TsK KPSS 5 i 9 marta 1962 goda. Moskva, Gos. izd-vo polit. lit-ry, 1962. 150 p.

KOBEZSKYI, V.L., and S M. NYSHCHUK. [Practical training in driving tractors, automobiles, and self-propelled agricultural machines] Prakticheskaia ezda na traktorakh, avtomobiliakh i samokhodnykh sel'skokhoziaistvennykh mashinakh. Moskva, Izd-vo sel'khoz lit-ry, zhurnalov i plakatov, 1961. 230 p.

KSENZ, I.P. [Advanced farming practices produce high crop yields] Peredovaia agrotekhnika - vysokie urozhai. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 31 p.
(DA)

KULESHOV, N.N., ed. [Corn kernel varieties] Zernovi kolosovi kul'tury. Kyiv, Derzh. vyd-vo sil's'kohospodars'koi lit-ry URSR, 1959. 413 p. (Bibliioteka kolhospnoho agronoma)
(DA)

LIPINSKII, P.I. [Chemistry in the service of stockbreeding] Khimiia na sluzhbu zhivotnovodstvu. [Irkutsk] Irkutskoe knizhnoe izd-vo, 1959. 28 p.
(DA)

LOZA, G.M. [Work practices of state farms and participants of the All-Union Agricultural Exhibition of 1939] Opyt raboty sovkhozov, uchastnikov Vsesoiuznoi sel'skokhoziaistvennoi vystavki 1939 g. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1946. 85 p.
(NNC)

LUCHNIK, Z.I. [Pruning of shrubs] Obrezka kustarnikov. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 94 p.
(DA)

LUTTA, A.S. [Controlling bloodsucking dipterous insects in northern regions] Bor'ba s gnusom - krovososushchimi dvukrylymi nasekomymi v usloviiakh Severa. Petrozavodsk, Gos. izd-vo Karel'skoi ASSR, 1961. 45 p
(DA)

LYKHVAR, D.F., and P.K. CHEMERYS. [Companion cropping of corn with pulse for silage] Sumisne vyroshchuvannia kukurudzy z zernobobovymy na sylos. Kyiv, 1961. 45 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 5, no. 24)

MEZHVUZOVSKOE SOVESHCHANIE PO MIKROELEMENTAM I PRIRODNOI RADIOAKTIVNOSTI POCHV SSSR. 2d, Moscow, 1960. [Role of trace elements in agriculture] Rol' mikroelementov v sel'skom khoziaistve, trudy Pod red. N.S. Avdonina i N.P. Remezova. [Moskva] Izd-vo Mosk. univ., 1961 296 p.

MILOVANOV, V.K., and others [Operating methods of stations for the artificial insemination of farm animals] Tekhnologiia raboty stantsii po iskusstvennomu osemeneniiu sel'skokhoziaistvennykh zhivotnykh. Moskva, Izd-vo M-va sel'. khoz. RSFSR, 1961. 145 p.
(DA)

MIRZOIAN, E.N. [History of the study of the individual development of farm animals in Russia, middle of the 18th to the first third of the 20th century] Istoriia izuchenila individual'nogo razvitiia sel'skokhoziaistvennykh zhivotnykh v Rossii; seredina XVIII - pervaia tret' XX v. Moskva, Izd-vo Akad nauk SSSR, 1961 154 p.

MOSCOW. PUBLICHNAIA BIBLIOTEKA. [Library and bibliographical classification; tables for science libraries] Bibliotechno-bibliograficheskaia klassifikatsiia, tablitsy dlia nauchnykh bibliotek. Moskva,
No 12 [P. Agriculture and forestry. Agricultural and forestry sciences] P Sel'skoe i lesnoe khoziaistvo Sel'skokhoziaistvennye i lesokhoziaistvennye nauki. 1961 203 p.

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT UDOBRENII I AGROPOCHVOVEDENIIA. [Agricultural characteristics of soils, as exemplified by individual economics] Agronomicheskaia kharakteristika pochv; na primere otdel'nykh khoziaistv Pod obshchei red. N.K. Baliabo, N.P. Karpinskogo i V.A. Frantsesona. Moskva, Sel'khozizdat, 1961. 290 p.

MOZHUL', V.G. [Safety measures and fire extinction in lumbering camps] Tekhnika bezopasnosti i protivopozharnaia tekhnika na lesozagotovkakh. 1961. 261 p.
(DA)

[NOT PASTURING BUT FEEDING IS THE ANSWER] Ne pasti, a kormit'. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 38 p. (Osnovy ekonomiki sel'skokhoziaistvennogo proizvodstva. Populiarnaia serila)
(DA)

NOVGOROD (Province) Oblastnoe upravlenie sel'skogo khoziaistva. [Experience of efficient workers is available to all swine breeders of the province] Opyt peredovikov - vsem svinovodam oblasti. [Novgorod] Knizhnaia red. gaz. "Novgorodskaia pravda," 1961. 61 p.
(DA)

OCHERET'KO, F.I., and H.F BONDARENKO. [Antibiotics in stockbreeding] Antybiotyky u tvarynnytstvi. Kyiv, Vyd-vo Ukrains'koi Akad. sil's'kohospodars'kykh nauk, 1961. 131 p.
(DA)

PAKHUCHII, V.M. [Standards of feeding and forage shares] Normy godivli ta komovi ratsiony. Kyiv, Derzh. vyd-vo sil's'kohospodars'koi lit-ry, URSR, 1959. 206 p.
(DA)

PAKHUCHYI, V.M. [How to prepare high quality silage] IAk pryhotuvaty sylos vysokoi iakosti. [Kharkiv] Kharkivs'ke knyzhkove vyd-vo, 1961. 86 p.
(DA)

PERKOVSKII, B.B. [Protect the beauty and natural resources of your country] Beregi krasotu i bogatstvo rodnoi Zemli. Minsk, 1962. 37 p. (Obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii Belorusskoi SSR, no. 29)

PISAREV, B.A. [New developments in potato growing] Novinki v kartofelevodstve. [Moskva] Mosk. rabochii, 1961. 131 p.
(DA)

POLISHCHUK, P.M. [Perennial vegetable crops] Bahatorichni ovochevi kul'tury. Kyiv, Derzh. vyd-vo sil's'kohospodars'koi lit-ry URSR, 1961. 85 p. (Bibliotechka ovochevoda)
(DA)

[POND FISH CULTURE. Translated from the Chinese] Prudovoe rybovodstvo, Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov k plakatov, 1961. 271 p.
(DA)

POPOV, L.V., M.S. SIN'KEVICH, and V.I. SHUBIN. [Reforestation by seeding in cutover areas] Posev lesa na vyrubkakh. Petrozavodsk, Gos. izd-vo Karel'skoi ASSR, 1961. 108 p.
(DA)

POPOV, S. P. [For 25-30 centners of meat from one hundred reindeer] Za 25-30 tsentnerov miasa ot sotni olenei [Murmansk] Murmanskoe knizhnoe izd-vo, 1960. 43 p.
(DA)

POZNOKHIRIN, F. L. [Alfalfa growing in the steppe] Kul'tura liutserny v stepi Kiev, Izd-vo Ukrainskoi akad. sel'khoz. nauk, 1961. 242 p
(DA)

RAZUMOV, V. I. [Habitat and the development of plants] Sreda i razvitie rastenii. 2 izd Leningrad, Izd-vo sel'khoz lit-ry, zhurnalov i plakatov, 1961. 367 p.
(DA)

[REPAIR OF LUMBERING AND FORESTRY MACHINERY] Remont lesozagotovitel'nykh i lesokhoziaistvennykh mashin. [By] D. D. Erakhtin i dr. Moskva, Goslesbumizdat, 1961. 436 p.
(DA)

SAKHAROV, N. A. [Technique of training service dogs] Tekhnika dressirovki sluzhebnykh sobak. Moskva, Izd-vo M-va sel'. khoz. RSFSR, 1961. 141 p.

SHORNIKOVA, N. M. [Processing of vegetables on collective and state farms] Pererobka ovochiv v kolhospakh i radhospakh. Kyiv, Derzh. vyd-vo sil's'kohospodars'koi lit-ry URSR, 1961. 270 p.
(DA)

SIMIRENKO, L. P. [Pomology in three volumes; apple, pear, stone fruits] Pomologiia v trekh tomakh; iablonia, grusha, kostochkovye porody. Kiev, Izd-vo Ukrainskoi Akad. sel'khoz. nauk.
Vol. 1. [Apple] Iablonia. 1961. 576 p.
(DA)

SKORODUMOV, O. S., V. O. PASTUSHENKO, and V. N. DUNAIEVS'KYI. [Soil erosion and its control] Erozita hruntiv i borot'ba z neiu. Kyiv, Vyd-vo Ukraine'koi akad. sil'skohospodars'kykh nauk, 1961. 235 p.
(DA)

SOVESHCHANIE RABOTNIKOV SEL'SKOGO KHOZIAISTVA DAL'NEGO VOSTOKA I IAKUTSKOI ASSR, Khabarovsk, 1961. [Put the resources of the land in the service of our country] Bogatstva zemli - na sluzhbu Rodine, materialy. Moskva, Izd-vo M-va sel'khoz. RSFSR, 1962. 131 p.
(DA)

SOVESHCHANIE RABOTNIKOV SEL'SKOGO KHOZIAISTVA OBLASTEI I AVTONOMNYKH RESPUBLIK URALA, Sverdlovsk, 1961. [Put the resources of the land in the service of our country] Bogatstva zemli - na sluzhbu Rodine, materialy. Moskva, Izd-vo "Sovetskaia Rossiia," 1962. 125 p.
(DA)

SOVESHCHANIE RABOTNIKOV SEL'SKOGO KHOZIAISTVA OBLASTEI TSENTRAL'NOI CHERNOZEMNOI ZONY, Voronezh, 1962. [Put the resources of the land in the service of our country] Bogatstva zemli - na sluzhbu Rodine; materialy. Moskva, Izd-vo "Sovetskaia Rossiia," 1962. 159 p.
(DA)

SOVESHCHANIE RABOTNIKOV SEL'SKOGO KHOZIAISTVA SIBIRI, Novosibirsk, 1961. [Put the resources of the land in the service of our country] Bogatstva zemli - na sluzhbu Rodine; materialy. Moskva, Izd-vo "Sovetskaia Rossiia," 1962. 205 p.
(DA)

SOVESHCHANIE RABOTNIKOV SEL'SKOGO KHOZIAISTVA UKRAINSKOI SSR, Kiev, 1961. [Materials of the Conference of Agricultural Workers of the Ukrainian S. S. R.] Materialy. Kiev, Gos. izd-vo polit. lit-ry USSR, 1962. 133 p.

STUPALOV, IU. D. [Specialization and the combining of specialities on collective and state farms] Spetsializatsiia i sochetanie otraslei v kolkhozakh i sovkhozakh. Moskva, Izd-vo "Znanie," 1962. 30 p. (Narodnyi universitet kul'tury: Sel'skokhoziaistvennyi fakul'tet, no. 17)

SUKHOV, V. I., and others. [Making agricultural maps] Sostavlenie sel'skokhoziaistvennykh kart. Izd. 2., perer. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 310 p. (Uchebniki i uchebnye posobiia dlia vysshikh sel'skokhoziaistvennykh uchebnykh zavedenii)

TIUTIUNNIKOV, A. I. [Methods for increasing the quality of forage] Priemy povysheniia kachestva kormov. Moskva, Izd-vo sel'khoz. lit-ry, 1961. 119 p.
(DA)

TKACHENKO, A. E., and S. A. KARPENKO. [Machines for the over-all mechanization of field crop cultivation] Mashiny dlia kompleksnoi mekhanizatsii rabot v polevodstve. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 128 p.

TRILENKO, P. A. [Vibriosis in cattle and sheep] Vibrioz krupnogo rogatogo skota i ovets. Leningrad, Izd-vo sel'khoz lit-ry, zhurnalov i plakatov, 1961. 246 p.
(DA)

TSYPLENKOV, E. P. [Harmful locusts] Vrednye sarancheovye nasekomye. Leningrad, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 81 p. (Vrediteli i bolezni sel'skokhoziaistvennykh rastenii)
(DA)

VAIAKAS, KH IA. [Equipment of a study room for preparing tractor operators and farm electricians] Oborudovanie uchebnykh kabinetov dlia podgotovki traktoristov i sel'skikh elektrikov Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1961 43 p (Obmen opytom raboty)

VALDMANIS, ANDREJS. [Vitamins in stockbreeding] Vitamini lopkopiba. Riga, Latvijas PSR Zinatnu akademijas izdevnieciba, 1961. 92 p. [In Latvian]
(DA)

VIACHESLAVOVA, T. V., and N. N. BELIAEV. [Correct crop rotation is the basis for high crop yields; from the practices of the Gatchina Variety Testing Station] Pravil'nyi sevooborot - osnova vysokikh urozhaev, iz opyta raboty Gatchinskogo sortouchastka. [Leningrad] Lenizdat, 1961. 61 p.
(DA)

VOINIKANIS-MIRSKII, V. N. [Techniques of commercial fishing and the hunting of marine animals] Tekhnika promyshlennogo rybolovstva i promysel morskogo zveria. 2. izd., dop. i perer; dopushcheno Ministerstvom vysshego i srednego spetsial'nogo obrazovaniia SSSR v kachestve uchebnika dlia tekhnikuma rybnoi promyshlennosti 3 iiunia 1961 g. Moskva, Pishchepromizdat, 1961. 501 p.

VSEARMEISKOE VOENNO-OKHOTNICH'E OBSHCHESTVO. [Favorite places for hunting; description of hunting grounds] Liubimye mesta okhoty, opisaniia okhotnich'ikh ugodii. Otvet. red. F. K. Prudnikov. Moskva, Voen. izd-vo M-va oborony SSSR, 1961. 387 p.

VSESOIUZNAIA AKADEMIIA SEL'SKOKHOZIAISTVENNYKH NAUK IMENI V. I. LENINA. [Achievements of science and advanced practices in sugar beet growing] Dostizhenita nauki i peredovoi opyt po sveklovodstvu. Moskva, Sel'khozgiz, 1961. 403 p.
(DA)

VSESOIUZNAIA AKADEMIIA SEL'SKOKHOZIAISTVENNYKH NAUK IMENI V. I. LENINA. [Immunity of plants to disease and pests] Immunitet rastenii k boleznlam i vreditelliam. Pod obshchei red. M. V. Gorlenko. Moskva, Sel'khozgiz. 1961. 245 p.
(DA)

ZABOTINA, Z. I. [Working with the hands is a holiday for the mind] Rukam rabota - dushe prazdnik. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 22 p.
(DA)

ZVIEDRIS, A., R. SACENIEKS, and J. MATUZANIS. [Improvement cuttings in forests of the Latvian S. S. R.] Kopsanas cirtes Latvijas PSR mezos. Riga, Latvijas PSR Zinatnu akad. izdevnieciba, 1961. 152 p. [In Latvian]
(DA)

16. TECHNOLOGY

ABRAMOV, P. R., and V. G. ZAITSEV. [Metal and electric household goods and appliances] Metallokhoziaistvennye i elektrobytovye tovary. Izd. 2., perer. i dop. Moskva, Gos. izd-vo torg. lit-ry, 1961. 309 p.

AFANAS'EV, P. S. [Woodworking machinery] Derevoobrabatyvaiushchie stanki. 2. izd., perer. i dop. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1961. 403 p.

AGROSKIN, A. A., and E. F. PANINA. [Laboratory work on the chemistry and technology of coal] Laboratornye raboty po khimii i tekhnologii uglia. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 131 p.

AINBINDER, S. B. [New methods of pressure welding] Novye sposoby svarki davleniem, Riga, Izd-vo Akad. nauk Latviiskoi SSR, 1960. 114 p.

AKADEMIIA NAUK SSSR, Institut kompleksnykh transportnykh problem. [Scope of the use of railroads and motor vehicles for short-distance freight haulage] Sfery primeneniia zheleznodorozhnogo i avtomobil'nogo transporta pri perevozke gruzov na korotkie rasstoianiia, Moskva, Izd-vo Akad. nauk SSSR, 1961. 197 p.

AKADEMIIA NAUK URSR, Kiev, Instytut movoznavstva. [Russian Ukrainian technical dictionary] Russko-ukrainskii tekhnicheskii slovar'. Sost. N. M. Matiiko i dr. 80 000 terminov. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1961. 648 p.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut betona i zhelezobetona, Perovo. [Handbook on the design of three-dimensional reinforced-concrete thin-walled roofs and spans] Instruktsiia po proektirovaniiu zhelezobetonnykh tonkostennykh prostranstvennykh pokrytii i perekrytii. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 334 p.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut betona i zhelezobetona, Perovo. [Instructions for calculating statistically indeterminate reinforced-concrete construction elements taking the redistribution of stresses into account] Instruktsiia po raschetu staticheski neopredelimykh zhelezobetonnykh konstruktsii s uchetom pereraspredeleniia usilii. Izd. 2. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 109 p.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut gradostroitel'stva i raionnoi planirovki. [Instructions for drafting general plans of industrial enterprises] Ukazaniia po proektirovaniiu general'nykh planov promyshlennykh predpriiatii. Odobreny Gosudarstvennym komitetom Soveta Ministrov SSSR po delam stroitel'stva 15 noiabria 1960 g. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 131 p.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. [Handbook on methods of repairing building machinery] Instruktsiia po metodam remonta stroitel'nykh mashin. Moskva, Gos. izd-vo lit-ry po stroit., arkhit i stroit. materialam, 1961. 30 p.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. [Installation of exposed water pipes] Montazh naruzhnykh truboprovodov. Izd. 2., ispr. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 244 p. (Seriia prakticheskikh posobii po povysheniiu masterstva v zhilishchnom stroitel'stve)

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. [Interior sanitary engineering] Vnutrennie sanitarno-tekhnicheskie raboty. Izd. 2., ispr. i dop. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 216 p. (Seriia prakticheskikh posobii po povysheniiu masterstva v zhilishchnom stroitel'stve)

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut novykh stroitel'nykh materialov, otdeliki i oborudovaniia zdanii. [Technical specifications for manufacturing articles from cellular concrete, foamed fly-ash concrete, breeze foamed fly-ash silicate, and foamed clinker concrete] Tekhnicheskie uslovila na izgotovlenie izdelii iz avtoklavnykh iacheistykh betonov - penozolobetona, penozolosilikata i penoshlakobetona; proekt. Moskva, TSentr. biuro tekhn. informatsii, 1959. 62 p.
[MICROFILM]

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. [Indoor plumbing work] Vnutrennie sanitarno-tekhnicheskie raboty. Izd. 2., ispr. i dop. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 215 p.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut sanitarnoi tekhniki. [Instructions for designing, installing, operating, and repairing interior water-supply systems using vinyl-plastic pipes] Ukazaniia po proektirovaniiu, montazhu, ekspluatatsii i remontu vnutrennikh vodoprovodov iz vinilplastovykh trub. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 81 p.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut stroitel'noi fiziki i ograzhdaiuzhchikh konstruktsii. [Instructions for designing, manufacturing, and using wall panels in the construction of apartment houses and public buildings] Ukazaniia po konstruirovaniiu, izgotovleniiu i primeneniiu stenovykh panelei v stroitel'stve zhilykh i obshchestvennykh zdanii, Moskva, Gos. izd-vo lit-ry po stroit. arkhit. i stroit. materialam, 1961. 149 p.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR, Institut stroitel'nykh konstruktsii. [Temporary instructions on the manufacture of glued parquet boards] Vremennye ukazaniia po izgotovleniiu kleenykh parketnykh dosok. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 29 p.

AKSEL'ROD, F. A., A. P. GUL'DENBAL'K, and M. P. ZAITSEV. [Fundamentals of electrical engineering and electronics; a manual for electric welders] Osnovy elektrotekhniki i elektroniki; dlia elektrosvarshchikov. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1961. 183 p.

AKSENENKO, V. D., and A. V. PETROV. [Planetary and hydraulic transmissions] Planetarnye i gidravlicheskie peredachi. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 245 p.

ALAMI, RICHARD, and PAUL AGARON. [Elimination and transformation of heat in nuclear reactors, Translated from the French] Otvod i preobrazovanie tepla v iadernykh reaktorakh. Pod red. I. I. Novikova. Moskva, Gos. izd-vo lit-ry v oblasti atomnoi nauki i tekhniki, 1961. 219 p.

ALEKSANDROV, A. S. [Innovators at the Leningrad Metal Plant] Novatory s Metallicheskogo. [Leningrad] Lenizdat, 1961. 101 p.

ALEKSANDROV, K. I. [Exhausters, practical manual for machine operators and attendants of machine sections of by-product coke plants] Gazoduvki; prakticheskoe rukovodstvo dlia mashinistov i obsluzhivaiushchego personala mashinnykh otdelenii koksokhimicheskikh zavodov. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1962. 224 p.

ALESHIN, A. F., and others. [Organization of the repair of lumbering equipment by the unit method] Organizatsiia remonta lesozagotovitel'nogo oborudovaniia agregatnym metodom. Moskva, Goslesbumizdat, 1961. 218 p.
(DA)

ALESHIN, V. S., and A. A. SARKISOV. [Nuclear power reactors] Energeticheskie iadernye reaktory. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1961. 370 p.

AMELIN, A. G., L. G. PLISKIN, and N. N. SHUMILOVSKII. [Principles of the automation of sulfuric acid manufacture by the contact process] Osnovy avtomatizatsii proizvodstva sernoi kisloty kontaktnym metodom. Moskva, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1961. 313 p.

AMMOSOV, I. I., and T'ANG HSIU-I. [Stages in the alternation of coals and paragenic relationships between combustible minerals] Stadii izmeneniia uglei i parageneticheskie otnosheniia goriuchikh iskopaemykh. Moskva, Izd-vo Akad. nauk SSSR, 1961. 116 p.

ANATOL'EVSKII, P. A., A. V. MALOIAN, and O. M. SHNEEROV. [Technical methods and equipment in rotary drilling of water wells] Tekhnologiia burenila skvazhin na vodu rotornym sposobom. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1962. 247 p.

ANDRIANOV, K. A. [Macromolecular compounds for electrical insulation] Vysokomolekuliarnye soedineniia dlia elektricheskoi izoliatsii. Moskva, Gos. energ. izd-vo, 1961. 327 p. (Polimery v elektroizoliatsionnoi tekhnike, no. 1)
[MICROFILM]

ANOKHIN, G. A., and IU. N. IVANOV. [Masonry and home furnace construction] Kamennye i pechnye raboty; posobie dlia uchashchikhsia IX-XI klassov sel'skoi srednei shkoly. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 231 p.

ANTONOV, P. I. [Safety regulations for workers in the manufacture of roof-sheeting materials (ruberoid)] Pamiatka po tekhnike bezopasnosti dlia rabochikh po proizvodstvu ruberoida. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 12 p. (Tekhnika bezopasnosti v promyshlennosti stroitel'nykh materialov)

ANTONOV, P. I. [Safety regulations for workers in the manufacture of tar roofing felt] Pamiatka po tekhnike bezopasnosti dlia rabochikh po proizvodstvu tolia. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 11 p. (Tekhnika bezopasnosti v promyshlennosti stroitel'nykh materialov)

ANTOVIL', A. M. [Theory of mechanisms and machinery] Teoriia mekhanizmov i mashin, kratkii kurs. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 253 p.

APSITS, V. V. [Synchronous machinery with hooked poles] Sinkhronnye mashiny s kogtoobraznymi poliusami. Riga, Izd-vo Akad. nauk Latviiskoi SSR, 1959. 297 p.

ARTOBOLEVSKII, I. I., and A. P. VLADZIEVSKII, eds. [Automatic production lines in the machinery industry] Avtomaticheskie linii v mashinostroenii; sbornik statei. Moskva, Izd-vo inostr. lit-ry, 1961. 450 p.

ARZUMANIAN, A. M. [General designer A. I. Mikoian] General'nyi konstruktor A. I. Mikoian. Moskva, Gos. izd-vo polit. lit-ry, 1961. 46 p. (Geroi i podvigi)

ASTASHEV, G. K., and others. [Eliminating the malfunctioning of the TGM3 diesel switching locomotive] Ustranenie neispravnostei manevrovogo teplovoza TGM3. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1961. 45 p.

ATAEV, S. S., and others. [New developments in the construction of apartment houses in White Russia] Novoe v zhilishchnom stroitel'stve Belorussii. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1961. 58 p. (Novaia tekhnika i peredovye metody truda)

BABKOV, V. F. [Modern highways] Sovremennye avtomagistrali. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961. 230 p.

BABUK, G. V., and G. M. FINOGEEV. [Conversion of the PTP-1 block for operation in the 174-230 mc. band] Peredelka bloka PTP-1 dlia raboty v diapazone 174-230 Mgts. Moskva, Gos. izd-vo lit-ry po voprosam svyazi i radio, 1961. 46 p.
[MICROFILM]

BAGDOEV, A. G. [Three-dimensional nonstationary motions of a continuous medium with shock waves] Prostranstvennye nestatsionarnye dvizhenila sploshnoi sredy s udarnymi volnami. Erevan, Izd-vo Akad. nauk Armianskoi SSR, 1961. 274 p.

BAIKOV, A. A. [Selected works] Izbrannye trudy. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 327 p.

[BALL AND ROLLER BEARINGS] Sharikovye i rolikovye podshipniki. Izd. ofitsial'noe. Moskva, Gos. izd-vo standartov, 1961. 220 p. (Gosudarstvennye standarty SSSR)

BAL'TAITIS, V. IA. [Fire extinction in coal mines] Tushenie pozharov v ugol'nykh shakhtakh. Izd. 2., dop. i perer. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 263 p.

BANNYI, N. P. [Technical and economic calculations in ferrous metallurgy] Tekhniko-ekonomicheskie raschety v chernoi metallurgii. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1962. 380 p.

BARAMBOIM, N. K. [Mechanochemistry of polymers, chemistry of mechanical processes involved in the treatment of high polymers] Mekhanokhimiia polimerov; khimiia mekhanicheskikh protsessov pererabotki vysokopolimerov. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1961. 250 p.

BAREMBO, K. N., and L. M. BERNSHTEIN. [Drying, saturation, and compounding of electrical machinery windings] Sushka, propitka i kompaundirovanie obmotok elektricheskikh mashin. Moskva, Gos. energ. izd-vo, 1961. 367 p.

BARKHI, L. D., and L. A. GIVARTOVSKII. ["Zaporozhets" car with small displacement] "Zaporozhets," mikrolitrazhnyi avtomobil'. Moskva, Izd-vo "Fizkul'tura i sport," 1961. 140 p.

BARSKII, M. P. [Instructions of safety engineering for boiler firemen tending gas furnaces] Pamiatka po tekhnike bezopasnosti dlia kochegara, obsluzhivaiushchego gazovye topki. Moskva, Gos. izd-vo lit-ry po stroit. arkhit. i stroit. materialam, 1961. 22 p. (Tekhnika bezopasnosti v stroitel'stve)

BAUER, FRANTISEK, and JINDRICH MAREK. Izentropicheskoe techenie gazov; tablitsy i popravochnye nomogrammy. Isentropic gas-flow; tables and Correction Nomograms. Prague, Izd-vo Chekhoslovatskoi Akad. nauk, 1961. 643 p. [Parallel texts in Russian and English]
[MICROFILM]

BAVEL'SKII, M. D. [Automatic and semiautomatic machinery for wood working] Avtomaty i poluavtomaty mekhanicheskoi obrabotki drevesiny. Moskva, Goslesbumizdat, 1961. 422 p.

[BEACONS OF TRANSPORTATION CONSTRUCTION; a collection of sketches of communist labor brigades at transportation construction projects] Maiaki transportnogo stroitel'stva; sbornik ocherkov o brigadakh kommunisticheskogo truda na transportnykh stroikakh. Moskva, Orgtransstroi, 1961. 270 p.

BELIAEV, G. S., and P. I. TABACHNIKOV [Technological processes in the manufacture of shafts] Tekhnologiia proizvodstva valov. Moskva, Mashgiz, 1961. 250 p.

BELIAEV, I. A., I. V. PAVLOV, and O. K. TRENIKHIN. [Construction and operation of an a. c. contact network] Ustroistvo i ekspluatatsiia kontaktnoi seti peremennogo toka. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1961. 219 p.

BELIAKOV, V. T., N. N. PANOV, and V. V. FILIPPOV. [Maintenance of helicopters] Tekhnicheskaia ekspluatatsiia vertoletov. Moskva, Voen. izd-vo M-va oborony SSSR, 1961. 311 p.

BELIANKIN, F. P., and others. [The R-50 universal vibratory testing unit] Universal'naia vibratsionnaia ispytatel'naia ustanovka R-50. Kiev, Izd-vo Akad. nauk USSR, 1961. 114 p.

BELIANKIN, F. P., V. F. IATSENKO, and G. I. DYRENKO. [Engineering characteristics of DSP plastic] Mekhanicheskie kharakteristiki plastika DSP. Kiev, Izd-vo Akad. nauk USSR, 1961. 124 p.

BELIKOV, F. F., comp. [Bibliographical index of geodetic literature for the 40-year period, 1917-1956] Bibliograficheskii ukazatel' geodezicheskoi literatury za 40 let; 1917-1956. Pod red. L. S. Khrenova. Moskva, Izd-vo geod. lit-ry, 1961. 535 p.

BERNSHTEIN, L. B. [Tidal electric power plants in modern power engineering] Prilivnye elektrostantsii v sovremennoi energetike. Moskva, Gos. energ. izd-vo, 1961. 270 p. (Materialy po proektirovaniiu gidroenergeticheskikh uzlov. Seriia 4. Gidroelektrostantsii. Konstruktsii i materialy)

BEZUKHOV, N. I. [Fundamentals of the theory of elasticity, plasticity and creep] Osnovy teorii uprugosti, plastichnosti i polzuchesti. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 536 p.

BIALKOVSKAIA, V. S. [Main directions of specialization in forging] Osnovnye napravleniia spetsializatsii kuznechnogo proizvodstva. Moskva, Mashgiz, 1961. 108 p.

BILIASHEVS'KYI, M. M., M. H. PYVOVAR, and O. IA. OLIINYK. [Calculating the conjugation of head and tail waters and the strengthening of the bottom below spillway dams] Rozrakhunky spriazhennia b'iefiv i kriplen' dna za vodozlyvnymy hrebliamy. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 166 p.

BLANTER, M. E. [Phase transformations during the heat treatment of steel] Fazovye prevrashcheniia pri termicheskoi obrabotke stali. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1962. 268 p.

BOBROV, E. G., and N. F. KOVTUN. [Mercury rectifier unit with series-connected rectifying elements] Rtutnovypriamitel'nyi agregat s posledovatel'nym soedineniem ventilei. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1961. 106 p.

BOBROV, I. V. [Safe methods of carrying out development workings in seams subject to sudden outbursts of coal and gas] Sposoby bezopasnogo provedeniia podgotovitel'nykh vyrabotok na plastakh, opasnykh po vnezapnym vybrosam uglia i gaza. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 257 p.

BOGATOV, G. B. [Achievements and objectives of present-day television] Dostizheniia i zadachi sovremennogo televideniia. Moskva, Gos. energ. izd-vo, 1961. 175 p. (Massovaia radiobiblioteka, no. 425)

[BOOK ON TASTY AND HEALTHY FOOD] Kniga o vkusnoi i zdorovoi pishche. Moskva, Pishchepromizdat, 1961. 423 p.

[BOOKS ON SAFETY ENGINEERING; bibliographic index] Literatura po tekhnike bezopasnosti; bibliograficheskii ukazatel'. [Moskva] Izd-vo VTsSPS Profizdat, 1961. 204 p.

BORISOV, V., and O. GORLOV. [Life and outer space] Zhizn' i kosmos. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 195 p.

BORODAEV, D. A. [Technical means for automation in the machinery industry] Tekhnicheskie sredstva avtomatizatsii mashinostroitel'nogo proizvodstva. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 125 p.

BOROZDIN, V. P. [Bellanka and Pestraia in a rocket] Bellanka i Pestraia v rakete. Moskva, Gos. izd-vo detskoi lit-ry M-va prosv. RSFSR, 1961. 30 p.

BORSHCHOV, T. S. [Earthmoving machinery] Zemleroinye mashiny. Leningrad, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 320 p.

BOT, K. A. [Painter's handbook] Pamiatka maliara. Pod obshchei red. V. I. Makarova. [Leningrad] Lenizdat, 1961. 65 p. (V pomoshch stroiteliu)

BOTVINIK, E. S., and others. [Use of the continuous method for the manufacture of particle boards] Proizvodstvo struzhechnykh plit nepreryvnym sposobom. Moskva, Goslesbumizdat, 1961. 98 p.

BOVSUNOVSKII, IA. I., and L. V. SVECHNIKOV. [Mechanization and automation of control operations in the manufacture of machines and instruments] Mekhanizatsiia i avtomatizatsiia kontrol'nykh operatsii v mashinostroenii i priborostroenii. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 313 p.

BRICHKIN, A. V., and I. M. NIKIFOROV. [Safety measures in mines] Tekhnika bezopasnosti na rudnikakh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 440 p.

BUKHMAN, A. S. [Manufacture of precast reinforced-concrete supports for mine workings] Proizvodstvo sbornoi zhelezobetonnoi krepi gornykh vyrabotok. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1962. 170 p.

BUKREEV, E. M., V. N. DENISOV, and G. I. KARADAN. [Foreign machinery for city cleaning] Zarubezhnye mashiny dlia sanitarnoi ochistki i uborki gorodov. Moskva, Izd-vo M-va kommun. khoziaistva RSFSR, 1961. 178 p.

BYCHKOV, S. I., N. I. BURENIN, and R. T. SAFAROV. [Frequency stabilization of UHF generators] Stabilizatsiia chastoty generatorov SVCh. Moskva, Izd-vo "Sovetskoe radio," 1962. 735 p.

CHEPEL', V. M. [Burning of gases in stoves and boiler furnaces and maintenance of gas systems in plants] Szhiganie gazov v topkakh kotlov i pechei i obsluzhivanie gazovogo khoziaistva predpriiatii. Izd. 4., ispr. i dop. Leningrad, Gos. nauchno-tekhn. izd-vo neft i gorno-toplivnoi lit-ry, 1961. 422 p.

CHEREPAKHINA, A. N. [Furnishing an apartment] Blagoustroistvo kvartiry. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1961. 86 p.

CHERNYSHEV, G. A. [Manufacture of wicker articles] Proizvodstvo pletenykh izdelii. Moskva, Gos. izd-vo mestnoi promyshl. i khudozh. promyslov RSFSR, 1961. 107 p.

CHERVIAKOV, A. N., S. A. KISELEVA, and A. G. RYL'NIKOVA. [Metallographic determination of inclusions in steel] Metallograficheskoe opredelenie vkliuchenii v stali. Izd. 2., perer. i dop. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1962. 248 p.

CHISTIAKOV, N. I., ed. [Radio communications and broadcasting] Radiosviaz' i veshchanie. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1961. 503 p.

CHUDNOVSKII, A. F., and D. M. SHLIMOVICH. [Transistorized devices in agriculture] Poluprovodnikovye pribory v sel'skom khoziaistve. Leningrad, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 197 p.

[CONSTRUCTION OF APARTMENT HOUSES FROM LARGE SLABS] Stroitel'stvo zhilykh zdanii iz krupnykh panelei, iz opyta Glavkievstroia. [By] A. M. Bolchenko i dr. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 128 p. (Opyt zhilishchnogo stroitel'stva)

DFICH, M. E. [Gas dynamics in engineering] Tekhnicheskaia gazodinamika. Izd. 2., perer. Moskva, Gos. energ. izd-vo, 1961. 670 p.

DEINEKO, V. G. [New methods for continuous form rolling of screw threads and other profiles] Novye sposoby nepreryvnogo nakatyvaniia rez'b i drugikh profilei. Moskva, Mashgiz, 1961. 158 p.

DEKHTIARENKO, P. I. [Experimental determination of the frequency characteristics of automatic control systems] Eksperymental'ne vyznachennia chastotnykh kharakteryetyk system avtomatychnoho reguliuvannia. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 143 p.

DELIAGIN, G. N., and B. V. KANTOROVICH. [Mass transfer in the combustion of fuel in fluid flow; Conference on Heat and Mass Transfer, Minsk, January 23-27, 1961] Massoobmen v protsesse goreniia topliva v potoke, soveshchanie po teplo-i massoobmenu, g. Minsk, 23-27 ianvaria 1961 g. [Minsk, 1961] 20 p.
[MICROFILM]

DENISOV, V. G., and R. N. LOPATIN. [Pilot and airplane] Letchik i samolet. Moskva, Gos. nauchno-tekhn. izd-vo Oborongiz, 1962. 200 p.

DEVIATKOV, V. F. [Axle box with roller bearings of a reduced size for freight cars] Buksa s rolikovymi podshipnikami umen'shennykh gabaritov dlia gruzovykh vagonov. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 15 p.

DODIN, IA. L., L. M. MARIENBAKH, and L. O. SOKOLOVSKII. [New developments in foundry techniques] Novoe v tekhnike liteinogo proizvodstva. Pod red. L. M. Marienbakha. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1961. 231 p. (Novaia tekhnika i peredovye metody truda)

DOLMATOV, A. A. [Trucks with hydraulic shock absorbers for passenger cars] Telezhki s gidravlicheskimi dempferami dlia passazhirskikh vagonov. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 23 p.

DOMBROVSKII, K. I. [About the moon and about rockets] Pro Lunu i pro raketu. Moskva, Gos. izd-vo detskoi lit-ry M-va prosv. RSFSR, 1961. 94 p.

DONSKOI, A. V., and S. M. KULIASHOV. [Electrothermics] Elektrotermiia. Moskva, Gos. energ. izd-vo, 1961. 311 p.

DOROFEEV, V. M., and V. IA. LEVIN. [Testing ram-jet engines] Ispytaniia vozdushno-reaktivnykh dvigatelei. Moskva, Gos. nauchno-tekhn. izd-vo Oborongiz, 1961. 220 p.

DREIZEN, I. G. [Electroacoustics and sound broadcasting] Elektroakustika i zvukovoe veshchanie. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1961. 543 p.

DRUZHKIN, L. A., and V. G. LITVINENKO. [Radio electronics and flights into outer space] Polety v kosmos i radioelektronika. Moskva, Izd-vo "Znanie," 1962. 45 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 9, Fizika i khimiia, no. 24)

DUBIANSKII, A. A., and V. E. SHTEMPEL'. [Mineral wealth of Voronezh Province] Poleznye iskopaemye Voronezhskoi oblasti. [Voronezh] Voronezhskoe knizhnoe izd-vo, 1961. 74 p.
[MICROFILM]

DUBASOV, A. A. [Equipment for machine building made from plastics] Osnastka iz plasticheskikh mass v mashinostroenii. Moskva, Vses. uchebno-pedagog. izd-vo, Proftekhizdat, 1961. 113 p. (Biblioteka molodogo rabochego)

DUEL', M. A., G. A. RABINOVICH, and IU. A. SHLIOZBERG. [Automatic hydraulic regulators of thermal processes] Gidravlicheskie avtomaticheskie regulatory teplovykh protsessov. Moskva, Gos. energ. izd-vo, 1961. 199 p.
[MICROFILM]

DUL'KIN, I. M., and G. K. SHCHITOV. [Repairing and finishing facades of buildings in winter] Remont i otdelka fasadov zdanii v zimnikh usloviakh. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 68 p. (Peredovoi opyt novatorov stroitel'nogo proizvodstva)

DYNNIK, S. A., and R. D. DRUZHININA. [Modernization of the linen loom to reduce warp breakage] Modernizatsiia l'notkatskogo stanka s tsel'iu snizheniia obryvnosti osnovy. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1961. 42 p.

DZIDZIGURI, A. A., and others. [Simultaneous operation of mine ventilators] Sovmestnaia rabota shakhtnykh ventiliatorov. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 182 p.

EDELEV, N. P. [Constructing chimneys of brick blocks] Opyt stroitel'stva dymovykh trub iz kirpichnykh blokov. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 58 p.

EFENDIEV, G. KH. [Hydrothermal ore complex in the northeastern part of the Lesser Caucasus; mineralogy and geochemistry] Gidrotermal'nyi rudnyi kompleks severo-vostochnoi chasti Malogo Kavkaza; mineralogiia i geokhimiia. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1957. 342 p.

EKKERT, E. R., A. A. KHEYDEY, and V. ZH. MINKOVICH. [Heat transfer, reduction temperature and surface friction in a plane plate with hydrogen injection into the laminar boundary layer] Teploobmen, temperatura vosstanovleniia i poverkhnostnoe trenie na ploskoi plastine s podachei vodoroda v laminarnyi pogranichnyi slot; soveshchanie po teplo- i massoobmenu, g. Minsk, 5-10 iiunia 1961 g. [Minsk, 1961] 34 p.
[MICROFILM]

[ELECTRIFICATION IS THE ROAD TO COMMUNISM] Elektrifikatsii - put' k kommunizmu. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 88 p. (Bibliotechka "Nagliadnaia agitatsiia, propaganda i khudozhestvennoe oformlenie," no. 6)

ELEKTRIK ZAVOD. Leningrad. [PSM-1000-II welding transformer; instructions for its operation] Svarochnyi preobrazovatel' PSM-1000-II; instruktsiia po ekspluatatsii. Moskva, TSentr. in-t nauchno-tekhn. informatsii elektrotekhn. promyshl. i priborostroeniia, 1959. 19 p.
[MICROFILM]

ELEKTRIK, ZAVOD, Leningrad. [Transformers of the type PS-100-1 for electric welding, description and operation] Elektrosvarochnyi preobrazovatel' tipa PS-100-1, opisanie i instruktsiia po ekspluatatsii. Moskva, 1959. 14 p.
[MICROFILM]

ELISEEVA, V. I. [Film forming polymers for leather finishing] Polimernye plenkoobrazovateli dlia otdelki kozhi. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1961. 236 p.

EL'KIND, IU. M. [Experimental study of electromechanical processes in synchronous machinery, methods for measuring and oscillographic recording of electric currents, power, vibrations, and deformations] Eksperimental'noe issledovanie elektromekhanicheskikh protsessov v sinkhronnykh mashinakh, metody izmereniia i ostsillografirovaniia tokov, moshchnosti, vibratsii i deformatsii. Moskva, Gos. energ. izd-vo, 1961. 230 p.

EPIFANTSEV, V. F. [Fundamentals of drawing and laying out of parts] Elementy chercheniia i razmetki detalei. 2., ispr. izd. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1961. 143 p.

ESIPENKO, IA. I. [Mechanical speed variators] Mekhanicheskie variatory skorosti. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1961. 219 p.

[ESTABLISHING NORMS FOR THE CONSUMPTION OF MATERIALS IN MACHINERY MANUFACTURE; manual] Normirovanie raskhoda materialov v mashinostroenii; spravochnik. Pod red. V. V. Valetova. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry.
Vol. 1. 1961. 583 p.

ESTONIAN S. S. R. Riiklik Ehituse ja Arhitektuuri Komitee. [Catalog of standard estimates for building operations for the construction in the Estonian S.S.R.] Ehitustoode uksushinnete kataloog Eesti NSV ehitustele. Katalog edinichnykh rastsenok na stroitel'nye raboty dlia stroitel'stva v Estonskoi SSR. Izd. 2. Tallinn, Eesti Riiklik Kirjastus.
Vol. 1. 1960. 754 p.

EVDOKIMOV, I. S., G. P. EVSTIGNEEV, and V. N. KRIUSHIN. [Digital computers] TSifrovye vychislitel'nye mashiny. Izd. 3., perer. i dop. Moskva, Mashgiz, 1961. 456 p.

EVENTOVA, M. S. [Brief manual for laboratory testing of lubricants] Kratkoe rukovodstvo k prakticheskim zaniatiiam po smazochnym mastiam. Pod red. P. P. Borisova. [Moskva] Izd-vo Mosk. univ., 1961. 130 p.

FEDOROV, B. D. [Geodesy] Geodeziia. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 335 p.

FEDOROVA, N. V., comp. [Useful advice] Poleznye sovety. [Leningrad] Lenizdat, 1961. 479 p.

FEDOSEEV, A. M. [Principles of relay protection] Osnovy releinoi zashchity. Izd. 2., perer. Moskva, Gos. energ. izd-vo, 1961. 439 p.

FEINBERG, S. M. [The peaceful atom] Mirnyi atom. Moskva, Izd-vo "Znanie," 1962. 29 p. (Narodnyi universitet kul'tury. Tekhniko-ekonomicheskii fakul'tet, no. 18)

FEL'DMAN, M. B. [Stand method of manufacturing prestressed reinforced-concrete structural units for bridges] Stendovoe izgotovlenie zhelezobetonnykh predvaritel'no napriazhennykh mostovykh konstruktsii. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shossejnykh dorog RSFSR, 1961. 82 p. (Obmen tekhnicheskim opytom dorozhnykh khoziaistv)

FILIPPOV, I. N. [Work practices on linear rolling mills (wire rolling and light-section)] Opyt raboty na lineinykh stanakh (provolochnykh i melkosortnykh). Khar'kov, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 101 p.

FINKLER, I. E. [Electroacoustical characteristics of a telephone channel] Elektroakusticheskie kharakteristiki telefonnogo trakta. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1961. 131 p.

FLORIN, V. A. [Principles of soil mechanics] Osnovy mekhaniki gruntov. Leningrad, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam.
Vol. 2. [Deformation and stability of the foundations of buildings] Deformatsiia i ustoichivost' osnovanii sooruzhenii. 1961. 543 p.

FOK, M. V. [Theory of electroluminescent image converters] Teoriia elektrolyuminestsentnykh preobrazovatelei izobrazheniia. Moskva, Izd-vo "Sovetskoe radio," 1961. 50 p.

[FOUNDRYMAN'S HANDBOOK] Spravochnaia knizhka liteishchika. Moskva, Mashgiz, 1961. 199 p.

[FREQUENCY TELEGRAPHY] Chastotnoe telegrafirovanie. [By] V. A. Dubovik i dr. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1962. 349 p.

FRIDLENDER, F. L., and L. A. TSEITLIN. [Electronic computers] Elektronnye vychislitel'nye mashiny. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 147 p.

FRIDLIANDER, I. N., and M. B. AL'TMAN, eds. [Aluminum foundry alloys (properties, technology and melting, casting and heat treatment)] Liteinye alliuminevye splavy (svoistva, tekhnologiia plavki, lit'ia i termicheskoi obrabotki); sbornik statei. Moskva, Gos. nauchno-tekhn. izd-vo Oborongiz, 1961. 202 p.

[FUNDAMENTALS OF SAFETY ENGINEERING AND FIRE PREVENTION IN THE PETROLEUM AND GAS INDUSTRIES] Osnovy tekhniki bezopasnosti i protivopozharnoi tekhniki v neftianoi i gazovoi promyshlennosti. [By] G. M. Grigorian i dr. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1962. 222 p.

GALAKTIONOV, A. T., I. R. PATSKEVICH, and G. D. STADNIKOV. [Electric welding; a welder's handbook] Elektrosvarshchik; spravochnoe posobie dlia rabochikh. Izd. 3., dop. i perer. Moskva, Mashgiz, 1961. 392 p.

GALOCHKINA, G. S., and V. I. KHRENOV. [Plastics in public food service and trade enterprises] Plastmassy v predpriiatiiakh torgovli i obshchestvennogo pitaniia. Moskva, Gos. izd-vo torg. lit-ry, 1961. 119 p.

GAMAIUNOV, N. I., ed. [Mechanization of the manufacture of electrical insulating materials of winding insulation, and drying as well as saturating operations] Mekhanizatsiia proizvodstva elektroizoliatsionnykh materialov, izoliatsionno-obmotochnykh i sushil'no-propitochnykh rabot. [By] V. A. Bromberg i dr. Moskva, Gos. energ. izd-vo, 1961. 90 p.

GAMIL'TON, N. M. [Concern for quality is the duty of every worker] Zabota o kachestve - dolg kazhdogo [Leningrad] Lenizdat, 1961. 47 p. (Osnovy ekonomicheskikh znanii kazhdomu rabochemu)

GAN'SHIN, V. N., and AL. S. KHRENOV. [Tables for geodetic leveling] Tablitsy dlia geodezicheskogo nivelirovaniia. Moskva, Izd-vo geodez. lit-ry, 1961. 132 p.

GARBUZ, D. L. [Mine pneumatic apparatus] Rudnichnye pnevmaticheskie ustanovki. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 359 p.

GELESKUL, M. N., and E. S. KISELEV. [Design and construction of reinforced-concrete frame supports for mines] Konstruirovanie i raschet zhelezobetonnykh ramnykh krepei gornykh vyrabotok. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 248 p.

GENKINA, L. A., and A. S. BORONIKHIN. [Gas distributing stations and distribution regulation points of gas pipelines] Gazoraspredelitel'nye stantsii i kontrol'no-raspredelitel'nye punkty magistral'nykh gazoprovodov. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 147 p.

GENZEL', G. S. [Abstract of lectures from a course on radiobroadcasting and acoustics] Konspekt lektsii po kursu radioveshchanie i akustika; uchebnoe posobie dlia studentov. Leningrad, Leningr. elektrotekhn. in-t sviazi im. M. A. Bonch-Bruevicha.
No. 1. 1961. 47 p.

GIRSHBERG, M. A. [Collection of problems in geodesy] Zadachnik po geodezii. Moskva, Izd-vo geodez. lit-ry.
Pt. 1. 1961. 287 p.

GLADUSHKO, V. I. [Pyrite roasting in a fluidized bed] Obzhig kolchedana v kipiashchem sloe. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1961. 63 p.

GLAZOV, V. M., and V. N. VIGDOROVICH. [Microhardness of metals] Mikrotvердost' metallov. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1962. 224 p.

GLAZOVSKAIA, M. A., and others. [Geochemistry of land forms and prospecting for minerals in the Southern Urals] Geokhimiia landshaftov i poiski poleznykh iskopaemykh na IUzhnom Urale. Pod red. A. I. Perel'mana. [Moskva] Izd-vo Mosk. univ., 1961. 180 p.

GLAZUNOV, S. G. [Titanium in industry] Titan v promyshlennosti; sbornik statei. Moskva, Gos. nauchno-tekhn. izd-vo Oborongiz, 1961. 327 p.

GLEBOV, G. D. [Absorption of gases by active metals] Poglosheniie gazov aktivnymi metallami. Moskva, Gos. energ. izd-vo, 1961. 183 p.

GLUKHOV, V. P., and E. A. JAKUBAITIS. [Physical simulation of choke-type magnetic amplifiers] Fizicheskoe modelirovanie drossel'nykh magnitnykh usilitelei. Riga, Izd-vo Akad. nauk Latviiskoi SSR, 1961. 191 p.

GOL'DSHTEIN, IA. E., and I. IA. GORBUL'SKII. [Increasing the durability of tractor parts] Povyshenie dolgovechnosti traktornykh detalei. Izd. 2. Moskva, Gos. nauchno-tekhn. izd-vo mashinostr. lit-ry, 1961. 190 p.

GOL'DSHTEIN, N. L. [Short course on the theory of metallurgical processes] Kratkii kurs teorii metallurgicheskikh protsessov. Sverdlovsk, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 334 p.

GOLOVLEV, S. G. [Development of the elements of equipment and piping; manual on analytic methods for the determination of dimensions] Razvertki elementov apparatury i truboprovodov; spravochnoe posobie po analiticheskim metodam opredeleniia razmerov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 211 p.

GOLUTVIN, V. A. [Labor safety in coal mines] Bezopasnost' truda na ugol'nykh shakhtakh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 85 p.

GORBATOV, V. I. [Accident and fire prevention in construction and assembly work] Tekhnika bezopasnosti i protivopozharnaia tekhnika na stroitel'no-montazhnykh rabotakh. Izd. 4., perer. i dop. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 324 p.

GORCHAKOV, S. P., and N. A. KOBZEV. [Guide for the track maintenance worker] Spravochnoe posobie putevogo rabochego. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 62 p.

GORDEEV, A. V., and S. G. SHARUPICH. [Adjustment of geodetic networks] Uravnoveshivanie geodezicheskikh setei. Moskva, Izd-vo geodez. lit-ry, 1961. 324 p.

GORINOV, A. V. [Surveying and planning in railroad construction] Izyskaniia i proektirovanie zheleznykh dorog. 4., perer. izd. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia.
Vol. 2. 1961. 335 p.

GORODNOV, P. T. [Increasing the heat resistance of steel parts by alitizing] Povyshenie zharostoikosti stal'nykh izdelii metodom alitirovaniia. Moskva, Mashgiz, 1962. 109 p.

GOVOROV, V. P. [Economics and organization of sanitary-engineering work] Ekonomika i organizatsiia sanitarno-tekhnicheskikh rabot. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 215 p.

GRANOVSKII, V. L. [New ways for obtaining electric power] Novye puti polucheniia elektricheskoi energii. Moskva, Izd-vo "Znanie," 1962. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 4, Tekhnika, no. 22)

GRUSHINSKII, N. P. [Introduction to gravimetry and gravity prospecting] Vvedenie v gravimetriiu i gravimetricheskuiu razvedku. [Moskva] Izd-vo Mosk. univ., 1961. 205 p.

GUMENSKII, B. M., and G. F. NOVOZHILOV. [Thixotropy of soil and its calculation in the construction of roads and road bridges] Tiksotropiia gruntov i ee uchet pri stroitel'stve avtomobil'nykh dorog i mostov. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961. 106 p.

GUR'BA, N. E., and others. [Progressive operating practices in mining enterprises] Peredovoi opyt raboty na gornorudnykh predpriiatiiakh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 178 p.

GUREVICH, V. B. [Building hydraulic structures of precast reinforced concrete; calculations, analysis and execution of the operations] Stroitel'stvo gidrotekhnicheskikh sooruzhenii iz sbornogo zhelezobetona; raschety, issledovaniia i proizvodstvo rabot. Moskva, Izd-vo "Rechnoi transport," 1961. 206 p.

GURVICH, S. M. [Water treatment] Vodopodgotovka. Moskva, Gos. energ. izd-vo, 1961. 239 p.

GUSEV, N. G., and others. [Shielding against radiation from extended sources] Zashchita ot izlucheniia protiazhennykh istochnikov. Moskva, Gos. izd-vo lit-ry v oblasti atomnoi nauki i tekhniki, 1961. 287 p.

GUTKIN, L. S. [Theory of optimum radio reception methods in the presence of fluctuation noise] Teoriia optimal'nykh metodov radiopriema pri fluktuatsionnykh pomekhakh. Moskva, Gos. energ. izd-vo, 1961. 437 p.

GUZ, V. P. [Present-day power supply circuits for the relay protection systems of high-voltage power distribution networks] Sovremennye skhemy pitaniia releinoi zashchity v vysokovol'tnykh setiakh. Kiev, Gos. izd-vo tekhn. lit-ry, 1961. 138 p.

GVOZDEVICH, A. M., and others. [Mechanization of conveying operations in machinery plants; experience of the Minsk Tractor Factory] Mekhanizatsiia transportnykh operatsii v mashinostroenii; iz opyta raboty Minskogo traktornogo zavoda. Minsk, Gos. izd-vo BSSR. Red. proizvodstvennoi lit-ry, 1961. 70 p.

[HANDBOOK FOR THE DESIGNER OF INDUSTRIAL, RESIDENTIAL, AND PUBLIC BUILDINGS AND STRUCTURES, organization of construction and execution of building and assembly operations. Industrial construction] Spravochnik proektirovshchika promyshlennykh, zhilykh i obshchestvennykh zdanii i sooruzhenii; organizatsiia stroitel'stva i proizvodstvo stroitel'no-montazhnykh rabot. Promyshlennoe stroitel'stvo. Pod red. P. M. Sushkova. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 372 p.

[HANDBOOK ON BOILER INSPECTION] Spravochnik po kotlonadzoru. Izd. 3., perer. i dop. Pod obshchei red. M. P. Morozova. Moskva, Gos. energ. izd-vo, 1961. 688 p.

[HANDBOOK ON IRON FOUNDING OF HIGH-STRENGTH PIG IRON] Spravochnik po izgotovleniiu otlivok iz vysokoprochnogo chuguna. [By] A. A. Gorshkov i dr. Pod obshchei red. A. A. Gorshkova. Moskva, Mashgiz, 1961. 297 p.

[HANDBOOK ON SAFETY MEASURES IN AGRICULTURE] Spravochnik po okhrane truda v sel'skom khoziaistve. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 559 p.

[HANDBOOK ON THE MANUFACTURE OF STRUCTURAL CERAMICS] Spravochnik proizvodstvu stroitel'noi keramiki. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam.
Vol. 1. [General information and production control] Obshchie svedeniia i kontrol' proizvodstva. Pod red. M. O. IUshkevicha. 1961. 464 p.

[HIGHWAY CONCRETE PAVEMENTS] Betonnye pokrytiia avtomobil'nykh dorog. [By] A. N. Zashchepin i dr. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961. 391 p.

HOS, MIROSLAV, and VLADIMIR VESELY. [Highway lay-out with attention to landscape] Trassirovanie dorog s uchetom landshafta. Pod red. N. V. Ornatskogo. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transporta i shosseinykh dorog RSFSR, 1961. 142 p.

IAKOBSON, V. B. [Automation of refrigerating plants] Avtomatizatsiia kholodil'nykh ustanovok. Izd. 2., perer. i dop. Moskva, Gos. izd-vo torg. lit-ry, 1962. 407 p.

IAKOVLEV, N. N. [Nutrition for athletes] Pitanie sportsmena. Moskva, Izd-vo "Fizkul'tura i sport," 1961. 47 p. (Bibliotechka sportsmena)

IANUSHKOVSKII, V. A. [Use of radioactive radiation in industry] Primenenie radioaktivnykh izlucheniі v promyshlennosti. Riga, Izd-vo Akad. nauk Latviiskoi SSR, 1957. 104 p.

IGNATCHENKO, N. A. [Geology and formation of the Yakutsk-Kangalassy region; (Lena coal basin)] Geologicheskoe stroenie i formirovanie IAkutsko-Kangalasskogo raiona; (Lenskii ugol'nyi bassein). Moskva, Izd-vo Akad. nauk SSSR, 1961. 142 p.

IKHNO, N. P., M. E. ZYRIANOV, and G. A. TSIRKUNOV. [Conveying system for the transportation of piece freight] Konveiernaia ustanovka dlia transportirovaniia shtuchnykh gruzov. Minsk, Gos. izd-vo BSSR. Red. proizvodstvennoi lit-ry, 1961. 52 p.

IL'ICHEV, V. F., and N. T. KAZMIN. [Redesigning of weaving equipment for the cotton industry] Modernizatsiia tkatskogo oborudovaniia v khlopchatobumazhnoi promyshlennosti. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1961. 116 p.

IMENITOV, V. R. [Highly productive systems of mining thick hard ore deposits] Vysokoproizvoditel'nye sistemy razrabotki moshchnykh mestorozhdenii krepkikh rud. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 417 p.

[INNOVATORS IN THE SEVEN-YEAR PLAN, on a voluntary basis] Zachinateli novogo v semiletke, na obshchestvennykh nachalakh. [Moskva] Izd-vo VTsSPS Profizdat. (Massovaia biblioteka rabochego) No. 6. 1961. 42 p.

[INNOVATORS IN THE SEVEN-YEAR PLAN, people with work achievements] Zachinateli novogo v semiletke, liudi trudovogo podviga. [Moskva] Izd-vo VTsSPS Profizdat. (Massovaia biblioteka rabochego) No. 7. 1961. 68 p.

[INSTRUCTIONS ON SAFETY MEASURES IN THE STORAGE OF THE WORKING SUPPLIES OF A FOUNDRY DEPARTMENT] Instruktsiia po tekhnike bezopasnosti dlia rabochego shikhtovogo sklada liteinogo tsekha. [Moskva] Mashgiz, 1960. 14 p.

[ION, PLASMA, AND ELECTRIC-ARC ROCKET ENGINES. Translated from the English] Ionnye plazmennye i dugovye raketnye dvigateli; sbornik statei. Moskva, Gos. izd-vo lit-ry v oblasti atomnoi nauki i tekhniki, 1961. 405 p.

IORISH, A. E., IA. A. KATSMAN, and S. V. PTITSYN. [Principles of the manufacturing technology of electric vacuum devices] Osnovy tekhnologii proizvodstva elektrovakuumnykh priborov. Moskva, Gos. energ. izd-vo, 1961. 515 p.

ISAEV, V. IA., and others. [Consolidation and specialization in the building organizations of the Main Leningrad Construction Trust; practices and economic effectiveness] Ukrupnenie i spetsializatsiia stroitel'nykh organizatsii v Glavleningradstroe, opyt i ekonomicheskaia effektivnost'. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 74 p. [MICROFILM]

ISAKOV, V. M., and G. V. KRYZHANOVSKII. [Electrical networks of TEM1 and TEM2 diesel locomotives] Elektricheskie skhemy teplovozov TEM1 i TEM2. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenii, 1961. 73 p. (Bibliotechka mashinista teplovoza)

ISTOMIN, P. A. [Kinematics and dynamics of piston-type internal combustion engines with combined cycles, generalized method for analyzing crankgears of engines] Kinematika i dinamika porshnevykh DVS s kombinirovannymi skhemami; obobshchennyi metod analiza krivoshipno-shatunnykh mekhanizmov dvigatelei. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1961. 303 p.

IUN'KOV, A. A., N. L. AFANAS'EV, and N. A. FEDOROVA. [Method for rapid computation of gravity anomalies] Uskorennyi sposob vychisleniia anomalii sily tiazhesti. Moskva, Gos. izd-vo geol. lit-ry, 1963. 57 p.

IVANKIN, P. F., P. V. INSHIN, and V. S. KUZEBNYI. [Ore formations of the Rudnyy Altai. [Ore formations of the Rudnyy Altai] Rudnye formatsii Rudnogo Altaia. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1961. 285 p.

IVANOV, A. I., V. V. KRIVORUCHENKO, and V. A. IL'ICHEV. [Electrolytic production of magnesium] Proizvodstvo magniia elektrolizom. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1962. 254 p.

IVANOV, M. N., and M. S. KOMAROV. [Machine parts and hoisting and conveying machinery] Detali mashin i pod"emno-transportnye mashiny. [L'vov] Izd-vo L'vovskogo univ., 1961. 587 p.

IVANOV, V. P. [Materials used for painting, wallpaper hanging and glass work] Materialovedenie dlia malliarov. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1961. 114 p.

IVANOVA, K. A., and V. M. NOVIKOV. [Cost of mine maintenance operations] Stoimost' podderzhaniia gornykh vyrabotok. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 73 p.

KAIBANOV, A. S. [Handbook on photography] Fotograficheskii spravochnik. [Stalingrad] Stalingradskoe knizhnoe izd-vo, 1961. 127 p.

KAMENETSKII, V. IA. [Manufacturing machine and instrument parts from capron] Izgotovlenie detalei mashin i priborov iz kaprona. Moskva, Mashgiz, 1961. 80 p.

KARLSEN, G. G., ed. [Wooden structures] Derevianye konstruktsii. Izd 3., perer. i dop. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 642 p.

KAPLAN, I. I. [Use of new equipment and techniques in coal mining; basic stages of technological progress in the Donets Basin mines] Vnedrenie novoi tekhniki v ugol'noi promyshlennosti, osnovnye etapy tekhnicheskogo progressa na shakhtakh Donbassa. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 93 p. (Nauchno-proizvodstvennaia literatura po voprosam ekonomiki)

KARPIS, E. E. [Thermal and aerodynamic calculations for surface air coolers supplied with cold water] Teplovoi i aerodinamicheskii raschet poverkhnostnykh vozdukhookhladitelei, pitaemykh kholodnoi vodoi. Moskva, Biuro prokatno-konstruktorskoe i tekhn. pomoshchi sektor tekhn. informatsii, 1961. 54 p.

KASHUBA, B. P., and others. [The T-75 tractor; design and operation] Traktor T-75, ustroistvo i ekspluatatsiia. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 335 p.

KAS'IANOV, A. V., and others. [Heat exchange systems of series N60 a.c. electric locomotives] Teploobmennye ustroistva elektrovozov peremennogo toka serii N60. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenia, 1961. 22 p.

KATSAUROV, I. N. [Rock pressure in vertical shafts] Gornoe davlenie v vertikal'nykh stvolakh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 153 p.

KATSEV, P. G. [Broaching] Protiazhnye raboty. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1961. 264 p.

KATSMAN, IU. A. [Electron tubes for high and low frequencies; theory and design fundamentals] Elektronnye lampy dlia vysokikh i nizkikh chastot, teoriia i osnovy raschota. Moskva, Gos. energ. izd-vo, 1961. 311 p.

KATYS, G. P. [Automatic control of nonstationary parameters and parametric fields] Avtomaticheskii kontrol' nestatsionarnykh parametrov i parametricheskikh polei. Moskva, Izd-vo Akad. nauk SSSR, 1962. 471 p.

KAZAK, A. S. [Submersible rodless piston pumps with hydraulic drive] Pogruzhnye porshnevye besshtangovye nasosy s gidroprivodom. Leningrad, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 310 p.

KAZAKH S. S. R. Gosudarstvennyi komitet po nadzoru za bezopasnym vedeniem rabot v promyshlennosti i gornomu nadzoru. [Basic instructions for calculating losses and impoverishment of minerals in working ore, nonmetallic and placer deposits of the Kazakh S. S. R.] Osnovnye ukazaniia po uchetu poter' i razubozhivaniia poleznykh iskopaemykh pri razrabotke rudnykh, nerudnykh i rossypnykh mestorozhdenii Kazakhskoi SSR. Alma-Ata, 1960. 26 p. [MICROFILM]

KHALAMEIZER, M. B. [Automatic control in the processing of motion-picture films] Elementy avtomatiki v protsessakh obrabotki kinopenki. Moskva, Gos. izd-vo "Iskusstvo," 1961. 183 p.

KHARAKHASH, V. A. [Cylindrical reducing gears, reference manual] Reduktory tsilindricheskie, spravochnoe rukovodstvo. Moskva, Mashgiz, 1961. 146 p.

KHAR'KOVSKII TRAKTORNYI ZAVOD, Kharkov. [Catalog of parts for the T-75 tractor] Katalog detalei traktora T-75. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 325 p.

KHATSKELEVICH, V. A. [Calculation of the performance of new generator triodes] Raschet rezhimov novykh generatornykh triodov. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1961. 48 p. (Lektsii po tekhnike sviazi)

KHETAGUROV, M. G. [Insulation of ship cold-storage rooms; theory and design] Izoliatsiia sudovykh kholodil'nykh pomeshchenii, teoriia i raschet. Leningrad, Izd-vo "Morskoi transport," 1961. 177 p.

KHIMERIK, IU. A. [Design of hydraulic structures] Proektirovanie i rashchet gidrotekhnicheskikh sooruzhenii. [Kiev] Izd-vo Kievskogo univ., 1961. 362 p.

KHORPIAKOV, O. T., IU. B. PADERNO, and V. P. DZEHANOVS'KYI. [Standard X-ray patterns of hard and high-melting alloys] Etalonni rentgenogramy tverdykh i tuhoplavkykh spoluk. Pid red. II V. Samsonova. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 62 p.

KHUDOSOVTSEV, N. M. [Struggle for technological progress] V bor'be za tekhnicheskii progress. [Moskva] Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, [1961] 29 p.

KHVEDCHENIA, L. K., and V. S. SVISTKOV. [Testing the tightness of weld joints by vacuuming] Ispytanie plotnosti svarnykh shvov metodom vakuumirovaniia. Izd. 2., perer. Moskva, TSentr. biuro tekhn. informatsii, 1959. 19 p.

KIEV. UKRAINSKII GOSUDARSTVENNYI INSTITUT PO PROEKTIROVANIIU VODOKHOZIAISTVENNYKH SOORUZHENII I SEL'SKIKH ELEKTROSTANTSII. [Technical information] Tekhnicheskaia informatsiia. Kiev, 1956. 55 p.

KLEMENT'EV, S. D. [Automatic telephone exchange] Avtomaticheskaia telefonnaia stantsiia. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1951. 78 p.

KLOPOTOV, K. K. [Hinge-articulated rolling stock of streetcars and trolley buses] Sharnirno-sochlenennyi podvizhnoi sostav tramvaev i trolleibusov. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1961. 136 p.

KNIAZIUK, K. A. [Use of dirt in the construction of road pavements and subgrades] Primenenie gruntov v stroitel'stve dorozhnykh pokrytii i osnovanii. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transporta i shosseinykh dorog RSFSR, 1961. 90 p. (Obmen tekhnicheskim opytom dorozhnykh khoziaistv)

KOGAN, V. B. [Azeotropic and extractive rectification] Azeotropnaia i ekstraktivnaia rektifikatsiia. Leningrad, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1961. 314 p.

KOLESNICHENKO, V. F., and S. M. DUBROVSKII. [Labor safety in carrying out mine development operations] Bezopasnost' truda pri provedenii gorno-podgotovitel'nykh vyrabotok. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 72 p.

KOLEVATOVA, V. S., comp. [Protection of metals from corrosion] Zashchita metallov ot korrozii, iz opyta predpriiatii Permskogo sovnarkhoza. Perm', Permskoe knizhnoe izd-vo, 1961. 66 p.

KONFERENCJA 'WYTRZYMAŁOŚĆ ZMECZENIOWA TWORZYW I ELEMENTOW METALOWYCH," Warsaw, 1960. [Fatigue strength of materials and structural elements, papers (in Russian)] Ustalostnaia prochnost' materialov i elementov; materialy (russkie teksty). Nauchnyi red. Alfred Bukh. Warszawa, Wyd-wo In-tu mechaniki precyzyjnej, 1961. 67 p.

KONOZENKO, I. D. [Atomic sources of electric current] Atomni dzherela strumu. Kyiv, 1961. 33 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 6, no. 18)

KORLAS, I. I., V. F. SOKOLOV, and IA. L. KHAIKIN. [Concise manual for railroad radio-comm spravochnik dlia ele poezdnoi i stantsion izdatel'sko-poligr. shchenia, 1961. 1

KORSAKOV, V. S., and mechanization and tions] Spravochnik sborochnykh rabot.

KOSTIKOV, V. F. [De amateurs] Konstrui Moskva, Izd-vo DO

KOVAL', L. M., and scale to over-all tsii - k kompleksno 102 p.

KOVALEV, N. N. [Hy struction] Gidrotur proektirovaniia.

KOZLOV, V. N. [Desi made of striped fat legkogo plat'ia iz ti nauchno-tekhn. lit-

KRAIZMER, L. P. [New elements of electronic digital computers] Novye elementy elektronnykh tsifrovykh mashin. Moskva, Gos. energ. izd-vo, 1961. 94 p. (Massovaia radiobiblioteka, no. 426)

KRASHENINNIKOV, S. S [Methods for detecting faults in a radio receiver] Kak nakhodit' neispravnosti v priemnike. Moskva, Izd-vo DOSAAF, 1961. 39 p.

KRASIL'NIKOV, IA. I. [Efficient layout of metals] Ratsional'nyi raskroi metalla. Pod red. A. V. Kovalenko. Moskva, Mashgiz, 1961. 44 p. (Biblioteka mashinostroitelia. Seriia "Za ekonomiiu metalla i elektroenergii")

KRASIVSKII, S. P. [Principles of automatic and remote control in industry] Osnovy avtomatizatsiia i telemekhanizatsii proizvodstva. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1961. 382 p.

KRASNODARSKII STANKOSTROITEL'NYI ZAVOD. [Fiftieth anniversary of the Krasnodar Machine-Tool Plant] Krasnodarskii stankostroitel'nyi; 50 let. [Krasnodar] Krasnodarskoe knizhnoe izd-vo, 1961. 209 p.

KRASNOIARSKII, V. V. [Electrochemical method of protecting metals against corrosion, theory and parameters of the designing of a protection system] Elektrokhimicheskii metod zashchity metallov ot korrozii; teoriia i parametry proektirovaniia ustanovok zashchity. Moskva, Mashgiz, 1961. 82 p.

KREKOV, B. [Labor organization in a construction yard] Organizatsiia truda na stroitel'nom poligone. [Moskva] Mosk. rabochii, 1961. 38 p. (Stroiteli obmenivaiutsia opytom)

KRIVANDIN, V. A., N. G. MOLCHANOV, and S. L. SOLOMENTSEV. [Metallurgical furnaces] Metallurgicheskie pechi. Pod obshchei red. V. A. Krivandina. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1962. 600 p.

KRIVSHIN, A. P., and A. N. MIKHAILOV. [Repairing motor graders] Remont avtogreiderov. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo trans. i shosseinykh dorog RSFSR, 1961. 132 p.

KUCHERUK, V. V., and I. S. KHAZANOV. [Operating and repairing ventilation systems in machinery plants] Ekspluatatsiia i remont ventiliatsionnykh ustanovok mashinostroitel'nykh zavodov. Izd. 2., perer. i dop. Moskva, Gos. uchebno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 317 p.

KUCHEROV, N. I. [Intrusion into space] Vtorzhenie v kosmos. Leningrad, Ob-vo po rasprostraneniiu polit. i nauchnykh znanii RSFSR, 1961. 47 p.

KUL'SKII, L. A., and others. [Designing and calculating equipment for cleaning water supply lines] Proektirovanie i raschet ochistnykh sooruzhenii vodoprovodov. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1961. 355 p.

KUL'S'KYI, L. A., and I. T. HORONOVS'KYI [Automatic plants for controlling and regulating chemical and technological water-treatment processes] Avtomatychni prylady dlia kontroliu ta reguliuvannia khimiko-tekhnologichnykh protsesiv obrobki vody. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 126 p.

KUL'S'KYI, L. A., and O. M. KOHANOVS'KYI. [New methods for the purification of waste waters from chemical plants] Metody ochyshchennia stichnykh vod khimichnoi promyslovosti. Kyiv, 1961. 44 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 6, no. 19)

KUZ'MINYKH, I. N., M. D. BABUSHKINA, and E. V. BABAEV. [New equipment for the cooling and scrubbing of sulfur dioxide] Novaia apparatura dlia okhlazhdeniia i promyvki sernistogo gaza. Moskva, Goslesbumizdat, 1960. 68 p.

KUZNETSOV, P. V., and I. A. GUREEV. [Installation of electric power-distribution systems] Montazh raspredelitel'nykh ustroistv. Izd. 2., perer. i dop. Moskva, Gos. energ. izd-vo, 1961. (Spravochnik elektromontera, no. 3)

LAPUTSKO, S. IA. [Brigade assembles a house] Brigada sobiraet dom. [Moskva] Mosk. rabochii, 1961. 49 p. (Stroiteli obmenivaiutsia opytom)

LATYSHEV, K. V., A. T. IATSYNO, and V. V. DUDIN. [Repair and modernization of axle equipment with journal bearings] Remont i modernizatsiia buksovogo uzla s podshipnikami skol'zheniia. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 52 p.

LEBEDEV, S. P. [Electric transmissions in self-propelled vehicles] Elektroperedachi v samokhodnykh mashinakh. Moskva, Mashgiz, 1961. 223 p.

LEBEDEV, V. I. [Local building materials, a practical manual] Mestnye stroitel'nye materialy; prakticheskoe posobie. Moskva, Izd-vo TSentrosoiuza, 1961. 98 p.

LEBEDEV, V. V. [Hydrology] Gidrologiia. Leningrad, Izd-vo "Rechnoi transport," 1959. 192 p. (IaU)

LENINGRAD. GORNYI INSTITUT. [Theory of rock pressure] Voprosy teorii gornogo davleniia. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 299 p.

LENINGRAD. INSTITUT ISTORII PARTII. [History of the Kirov (formerly Putilov) Metallurgical and Machinery Plant in Leningrad] Istoriia Kirovskogo (byv. Putilovskogo) metallurgicheskogo i mashinostroitel'nogo zavoda v Leningrade. Moskva, Izd-vo sotsial'no-ekon. lit-ry.
[Vol. 1.] Mittelmann, M., B. Glebov, and A. Ul'ianskii. [History of the Putilov Plant 1801-1917] Istoriia Putilovskogo zavoda, 1801-1917. [Izd. 3.] 1961. 719 p.

LENINGRAD. LENINGRADSKII INZHENERNO-EKONOMICHESKII INSTITUT. [Fundamentals of the organization of a socialist machinery plant] Osnovy organizatsii sotsialisticheskogo mashinostroitel'nogo predpriiatiia. Pod red. K. G. Tatevosova. [Leningrad] Izd-vo Leningr. univ. 1961. 131 p.

LENINGRAD. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT SINTETICHESKOGO KAUCHUKA. [Synthesis of latexes and their uses] Sintez lateksov i ikh primenenie. Pod red. A. V. Lebedeva, A. B. Peiznera, N. A. Fermora. Leningrad, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1961. 367 p.

LENINGRAD. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT TORFIANOI PROMYSHLENNOSTI. [Instructions for the operation of VMF-6 peat agitators] Instruktsiia po ekspluatatsii voroshilok VMF-6. Moskva, Gos. energ. izd-vo, 1959. 13 p.

LENINGRAD. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT TORFIANOI PROMYSHLENNOSTI. [New equipment and technology of peat-bog preparation and the winning of granulated peat] Novaia tekhnika i tekhnologiia bolotno-podgotovitel'nykh rabot i dobychi granulirovannogo torfa. Moskva, Gos. energ. izd-vo, 1961. 86 p.

LEVI, S. S. [Guide to safety techniques for electric welders in assembly operations] Pamiatka po tekhnike bezopasnosti dlia elektrosvarshchika na montazhnykh rabotakh. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 15 p. (Tekhnika bezopasnosti)

LEVIN, S. R. [New methods of the design and calculation of air inflow ducts for the ventilation systems of textile and light industry enterprises] Novye metody rascheta pritochnykh ventiliatsionnykh kanalov na predpriiatiiakh tekstil'noi i legkoi promyshlennosti. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1961. 71 p.

LIPNITSKII, A. M. [Coremaking in foundry practice] Izgotovlenie sterzhnei v liteinom proizvodstve. [Leningrad] Lenizdat, 1961. 170 p. (V pomoshch' molodym rabochim)

LIPSHITS, N. V., ed. [Overall redesigning of the automatic AT-175-Sh loom; from the work practices of the Klintsy Fine Woolen-Cloth Factory named after the Komintern and of the Bryansk Woolen and Worsted Combine] Kompleksnaia modernizatsiia avtomaticheskikh tkatskikh stankov AT-175-Sh; iz opyta raboty Klintsovskoi tonkosukonnoi fabriki imeni Kominterna i Brianskogo kamvol'nogo kombinata. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1961. 65 p.

LISTENGARTEN, B. M. [Practice of the Oil Field Administration of the Lenin Petroleum Trust in using radioactive methods in oil-field geology] Radioaktivnye metody v neftepromyslovoi geologii; opyt NPU "Leninneft'," Baku, Azerbaidzhanskoe gos. izd-vo, 1961. 150 p.

LIVSHITS, B. S. [K-40/80 Rural Automatic Telephone Exchange] Sel'skaia ATS K-40/80. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1961. 47 p. (Leksii po tekhnike sviazi)

LOKONOV, M. F. [Assaying in ore dressing plants] Oprobovanie na obogatitel'nykh fabrikakh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 274 p.

LORENTSO, D. N. [Ural Railroad Car Plant] Ural'skii Vagonostroitel'nyi Zavod. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 162 p.

LUSIS, J., and E. SLEDE. [Statics of structures] Buvstatika. Riga, Latvijas Valsts izdevniecika, 1961. 346 p. [In Latvian]

LUR'E, O. B. [Video frequency amplifiers] Usiliteli videochastoty. Izd. 2., perer. i dop. Moskva, Izd-vo "Sovetskoe radio," 1961. 675 p.

MAGNUSHEVSKII, M., comp. [Durable building materials] Prochnye stroitel'nye materialy. [Moskva] Mosk. rabochii, 1961. 82 p.

MAIZEL', M. M., ed. [Basic processes, machinery, and apparatus of light industry] Osnovnye protsessy, mashiny i apparaty legkoi promyshlennosti. [By] N. N. Arkhipov i dr. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1961. 491 p.

MAIZENBERG, I. S. [Mechanism and repair of cameras] Ustroistvo i remont fotoapparatov. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1961. 317 p.

MAK, I. L., V. B. RATINOV, and S. G. SILENOK. [Manufacture of gypsum and gypsum products] Proizvodstvo gipsa i gipsovykh izdelii. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 199 p.

MAKSIMOV, A. A. [Economy in the use of electric power in industrial enterprises] Ekonomiia elektroenergii na promyshlennykh predpriiatiiakh. Moskva, Gos. energ. izd-vo, 1961. 119 p. (Za ekonomiiu elektricheskoi i teplovoi energii)

MAKSIMOVSKII, N. S. [Purification of waste waters] Ochistka stochnykh vod. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1961. 351 p.

MALEVSKII, IU. B., and others. [Atlas of the micro- and macrostructure of welded joints] Atlas makro- i mikrostruktur svarnykh soedinenii. Pod red. A. M. Makara. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 118 p.

MALKOV, M. P., ed. [Problems in deep freezing. Translated from the English] Voprosy glubokogo okhlazhdeniia; sbornik statei. Moskva, Izd-vo inostr. lit-ry, 1961. 429 p.

MALKOVICH, L. I. [Motor vehicles of the present and the future, review of recommended reading] Avtomobili nastoiashchego i budushchego; rekomendatel'nyi obzor literatury. Moskva, Gos. biblioteka SSSR im. V. I. Lenina, 1962. 24 p. (Novosti nauki i tekhniki, no. 32)

MAMIKONOV, A. G., and M. G. GESHELIN. [Remote control in the oil and gas industries] Telemekhanika v neftianoi i gazovoi promyshlennosti. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 359 p.

MANKEVICH, L. A. [Fundamentals of wood bending] Osnovy gnut'ia drevesiny. Minsk, Izd-vo M-va vysshego, srednego spetsial'nogo i professional'nogo obrazovaniia BSSR, 1961. 270 p.

MANSUROV, N. N., and V. S. POPOV. [Theoretical electrical engineering] Teoreticheskaia elektrotekhnika. Izd. 8., perer. Moskva, Gos. energ. izd-vo, 1961. 655 p.

[MANUAL FOR MOTOR VEHICLE DRIVERS] Spravochnik shofera. [By] V. F. Epifantsov, A. S. Amelin. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1961. 547 p.

[MANUAL ON THE MANUFACTURE OF CONSTRUCTION CERAMICS] Spravochnik po proizvodstvu stroitel'noi keramiki. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam.
Vol. 2, [Ceramics for trim and special purposes] Otdelochnaia i spetsial'naia stroitel'naia keramika. Pod red. D. N. Poluboiarnova i V. L. Balkevicha. 1961. 640 p.

MARALIN, G. A. [Saving of electric power in the operational needs of a thermal electric power plant] Ekonomiia elektroenergii na sobstvennye nuzhdy teplovoi elektrostantsii. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1961. 91 p.

MARCHENKO, IU. V., and G. N. NIKITIN. [Maintenance and operation of electric a. c. locomotives] Obsluzhivanie i ekspluatatsiia elektrovozov peremennogo toka. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 234 p.

MARKOV, A. L., and F. P. VOLOSEVICH. [Brief manual for inspectors and master workers of a machinery plant] Kratkii spravochnik kontrol'nogo mastera mashinostroitel'nogo zavoda. Moskva, Mashgiz, 1961. 287 p.

MARKOV, D. A. [Technology and organization of building and assembling operations] Tekhnologiia i organizatsiia stroitel'no-montazhnykh rabot. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 483 p.

MARKUZON, F. D. [Sanitation statistics in pre-revolutionary Russia and in the U. S. S. R.] Ocherki po sanitarnoi statistike v dorevoliutsionnoi Rossii i v SSSR. Moskva, Gosstatizdat, TsSU SSSR, 1961. 129 p.

MASHKOVICH, K. A. [Methods of prospecting for oil and gas in the Volga Valley portion of Saratov Province] Metodika poiskov i razvedki nefti i gaza v Saratovskom Povolzh'e. Pod red. M. F. Mirchinka. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 243 p.

MASSOVER, A. M. [Manual for stokers of municipal enterprises] Posobie dlia kochegara kommunal'nykh predpriiatii. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1961. 90 p.

MATUKONIS, A. [New developments in textile technology] Tekstilės naujoves. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 90 p. [In Lithuanian]

MAZENG, G. IU. [Ram-jet engines] Vozdushno-reaktivnye dvigateli. Moskva, Voen. izd-vo M-va oborony SSSR, 1961. 68 p. (Za voenno-tekhnicheskie znaniia)

MELIK-BAGDASAROV, S. M. [Colored pavements for park walks] TSvetnye pokrytiia parkovykh dorozhek. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1961. 50 p.

MEL'NIKOV, A. P. [Aerodynamics of high speeds, fundamentals of the gas dynamics of aircrafts] Aerodinamika bol'shikh skorostei; osnovy gazodinamiki letatel'nykh apparatov. Moskva, Voen. izd-vo M-va oborony SSSR, 1961. 423 p.

MEL'NIKOVA, K. P. [Development of Soviet soil science in connection with road construction and hydraulic engineering] Razvitie sovetskogo pochvovedeniia v sviazi s dorozhnym i gidrotekhnicheskim stroitel'stvom. Pod red. D. I. Gordeeva. [Moskva] Izd-vo Mosk. univ., 1961. 218 p.

MESHCHERIN, V. T., and D. V. CHARNKO. [Technology of manufacturing forging and sheet metal working equipment] Tekhnologiia proizvodstva kuznechno-shtampovochnogo oborudovaniia i shtampovoi osnastki. Moskva, Mashgiz, 1961. 375 p.

MESHCHERSKII, I. V. [Collected problems in theoretical mechanics] Sbornik zadach po teoreticheskoi mekhanike. Pod red. A. I. Lur'e. Izd. 27. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 384 p.

MEZHVEDOMSTVENNOE SOVESHCHANIE PO NAUCHNYM PROBLEMAM V OBLASTI GIDROMEKHANIZATSII ZEMLIANYKH I OTKRYTYKH GORNYKH RABOT, Moscow, 1959. [Using hydromechanical means in earthworks and open-pit mining; materials] Gidromekhanizatsiia zemlianykh i otkrytykh rabot; materialy. Moskva, Gos. energ. izd-vo, 1961. 222 p.

MIAGKOV, V. D. [Brief manual for machinery designers] Kratkii spravochnik konstruktora. Moskva, Mashgiz, 1961. 643 p.

MIAKOTKIN, IU. I., and I. A. EL'KIN. [New equipment for public food-serving establishments] Novoe oborudovanie predpriiatii obshchestvennogo pitaniia. Moskva, Gos. izd-vo torg. lit-ry, 1961. 198 p.

MIKERIN, B. P. [Injecting liquefied hydrocarbon gases into oil layers; practice of oil workers of the Krasnodar Economic Region] Nagnetanie szhizhennykh uglevodorodnykh gazov v neftianye plasty; opyt neftianikov Krasnodarskogo ekonomicheskogo raiona. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 61 p. (Obmen peredovym tekhnicheskim opytom)

MIKHALEV, M. S. [Low-alloy instead of carbon steels] Nizkolegirovannye stali vzamen uglerodistykh. Pod red. A. V. Kovalenko. Moskva, Mashgiz, 1961. 32 p. (Serila "Za ekonomiiu metallov i elektroenergii")

MIKHAL'SKII, V. N., and A. P. POFALITOV. [Organization of the conveyor method of car repairs; experience of the Stryy Railroad Car Repair Plant] Organizatsiia konveiernogo metoda remonta vagonov; opyt Stryiskogo vagonoremontnogo zavoda. Moskva, Vses. izdatel'sko-poligr. ob'edinenie M-va putei soobshcheniia, 1961. 79 p.

MIKHEEV, M. A., and I. M. MIKHEEVA. [Brief course in heat transfer] Kratkii kurs teploperedachi. Moskva, Gos. energ. izd-vo, 1960. 206 p.
[MICROFILM]

[MINE ELECTRICIAN'S HANDBOOK] Spravochnik shakhtnogo elektrosletsaria [By] V. V. Serebrennikov i dr. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 383 p.

MINEEV, I. K. [Mineral wealth of a native land, practice of conducting a geological field trip in Irkutsk Province] Bogatstva nedr rodnogo kraia, opyt provedeniia geologicheskogo pokhoda v Irkutskoi oblasti. Moskva, Izd-vo "Znanie," 1961. 22 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 12, Geologiia i geografiia, no. 23)

MIRONOV, S. A., and L. A. MALININA. [Accelerating the hardening of concrete; steaming concrete under factory conditions] Uskorenie tverdeniia betona; propartvanie betona v zavodskikh usloviiakh. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 222 p.

MIROSHNICHENKO, V. D. [Gas inspector; handbook for gas inspectors and workers assigned to perform their duties] Gazomershchik; posobie dlia gazomershchikov i rabochikh, ispolniaiushchikh ikh obiazannosti. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 143 p.

MOISEEV, A. G., and V. M. PETROV. [Manual for engraving of textile patterns] Rukovodstvo po gravirovaniiu tekstil'nogo risunka. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1961. 147 p.

MOLCHANOV, E. I. [Using the hydraulic analogy method for studying temperature fields in gas turbine units; Conference on Heat and Mass Transfer, Minsk, January 23-27, 1961] Primenenie metoda gidravlicheskoi analogii dlia issledovaniia temperaturnykh polei v elementakh gazovykh turbin; soveshchanie po teplo-i massoobmenu, g. Minsk, 23-27 ianvaria 1961 g. [Minsk, 1961] 17 p.
[MICROFILM]

MORGULIS, P. S., and N. T. ROMANENKO. [Guide for practical laboratory work in heat engineering, course on machinery] Rukovodstvo k praktikumu po teplotekhnike (kursa mashinovedeniia). Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv., 1961. 60 p. diagrs.

MORSHIN, A. V. [How to determine tractor defects without dismantling] Kak opredelit' neispravnosti traktorov bez razborki. [Moskva] Mosk. rabochii, 1961. 23 p. (Sovety molodomu mekhanizatoru)

MOSCOW. GOSUDARSTVENNYI SOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII TRAKTORNYI INSTITUT. [Concise outline of the technological characteristics of Soviet tractors] Kratkie tekhnicheskie kharakteristiki sovetskikh traktorov. Moskva, Otdel nauchno-tekhn. informatsii, 1961. 61 p.

MOSCOW. TSENTRAL'NYI INSTITUT INFORMATSII CHERNOI METALLURGII. [Rolling and pipe mills] Prokatnoe i trubnoe proizvodstvo. Pod red. L. E. Al'shevskogo i A. V. Istomina. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1962. 246 p. (Tekhnicheskii progress v chernoi metallurgii SSSR)

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT MINERAL'NOGO SYR'IA. [Industry's requirements as to the quality of mineral raw materials] Trebovaniia promyshlennosti k kachestvu mineral'nogo syr'ia, spravochnik dlia geologov. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr.
No. 56. Glazkovskii, A. A. [Cobalt] Kobal't. Nauch. red. G. A. Krulov i L. V. Zverev. Izd. 2., perer. 1961. 49 p.

MOSCOW. VSESOIUZNYI PROEKTNO-IZYSKATEL'SKII I NAUCHNO-ISSLEDOVATEL'SKII INSTITUT GIDROPROEKT IMENI S. IA. ZHUK. Nauchno-issledovatel'skii sektor. [Work of the All-Union Scientific Research Institute for the Study and Design of Hydraulic Structures] Nauchno-issledovatel'skie raboty Gidroproekta. Pod obshchei red. V. I. Sevast'ianova. Moskva, Gos. energ. izd-vo, 1961. 214 p.

MOSCOW. VYSTAVKA DOSTIZHENII NARODNOGO KHOZIAISTVA SSSR. [Catalog of new building machinery recommended for use] Al'bom-katalog novoi stroitel'noi tekhniki, rekomenduemoi k vnedreniiu. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam.
No. 5. [Building and road machinery. Equipment for small-scale mechanization] Stroitel'nye i dorozhnye mashiny. Sredstva maloi mekhanizatsii. 1961. 104 p.

MOSHCHIL', V. IU., and I. M. SKLIARENKO. [Urgent problems in rural building] Nazrili pytannia sil's'koho budivnytstva. Kyiv, 1961. 43 p. (Tovarystvo dlia poshyrennia politychnykh ta naukovykh znan' Ukrains'koi RSR. Ser. 7, no. 11)

MOSKVITIN, A. I. [Direct cooling of electric machinery] Neposredstvennoe okhlazhdenie elektricheskikh mashin. Moskva, Izd-vo Akad. nauk SSSR, 1962. 223 p.

MUSHENKO, D. V., and M. I. LEVINA. [Petroleum refining without mazut] Bezmazutnaia pererabotka nefti. Leningrad, Gos. nauchno-tekhn. izd-vo neft i gorno-toplivnoi lit-ry, 1961. 116 p.

NACHUCHENKO, S. F., ed. [Speeding up car turnover] Uskorenie oborota vagona. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 241 p.

NAGULA, G. E., V. S. KALISSKII, and A. I. MANZON. [Manual for motor vehicle drivers of the third class] Uchebnik shofera tret'ego klassa. Izd. 4., ispr. i dop. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961. 382 p.

NAUCHNO-TEKHNICHESKOE OBSHCHESTVO ENERGETICHESKOI PROMYSHLENNOSTI. Cheliabinskoe oblastnoe pravlenie. [Experiences in the use of gas fuel in industry, power engineering and municipal economy] Opyt ispol'zovaniia gazovogo topliva v promyshlennosti, energetike i gorodskom khoziaistve. Leningrad, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 291 p.

NAUCHNO-TEKHNICHESKOE OBSHCHESTVO STROITEL'NOI INDUSTRII SSSR. [Installing sanitary engineering equipment in industrial plants, apartment houses, and public buildings] Montazh vnutrennikh sanitarno-tekhnicheskikh ustroistv promyshlennykh, zhilykh i obshchestvennykh zdanii. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 221 p.

NAUCHNO-TEKHNICHESKOE SOVESHCHANIE PO AROCHNYM PLOTINAM, Moscow, 1959. [Arch dams; transactions] Arochnye plotiny, trudy. Pod obshchei red. A. A. Borovogo. Moskva, Gos. energ. izd-vo, 1961. 182 p.

NAUMOV, V. P., and K. P. MALYSHKIN. [Efficiency promoters striving for a saving of metal] Ratsionalizatory v bor'be za ekonomiiu metalla. Pod red. A. V. Kovalenko. Moskva, Mashgiz, 1961. 38 p. (Biblioteka mashinostroitelia. Serlia "Za ekonomiiu metallov i elektroenergii")

NAZAROV, G. N. [Cement made near Moscow] Podmoskovnyi tsement. [Moskva] Mosk. rabochii, 1961. 73 p.

NEKHAI, S. M., and V. I. KHABAROV. [Power presses for the manufacture of particle boards] Prossy dlia struzhechnykh plit. Moskva, Goslesbumizdat, 1961. 76 p.

NESVITSKII, IA. I. [Maintenance of motor vehicles] Tekhnicheskaia ekspluatatsiia avtomobilei. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1961. 407 p.

NIGMATULIN, I. N. [Working processes in turbopiston engines] Rabochie protsessy v turboporshnevykh dvigateliakh. Moskva, Mashgiz, 1962. 314 p.

NIKITIN, N. I. [Wood
drevesiny i
SSSR, 1962.

NIKOL'SKII,
[Winning th
of the rout
Chelyab
Vysokoe
posta m
Chelabl
izdatel's
nila, 19

NILENDER
and trea
garian]
obraboti

NOGIN, P.
ob"ekti
"Iskussi
no. 22)

[NORMS F
THE MA
Normirc
spravoc
nauchno
Vol. 2

OGIL'VI, A. A. [Geophysical methods of exploration] Geofizicheskie metody issledovanii. [Moskva] Izd-vo Mosk. univ., 1962. 411 p.

[OPERATION OF HYDRAULIC STRUCTURES] Eksploatatsiia gidrotekhnicheskikh sooruzhenii. Izd 2. [By] V. S. Zhdanov i dr Moskva, Izd-vo "Rechnoi transport" 1961. 289 p.

ORESHKIN, V. D. [Principles of foundling] Osnovy liteinogo proizvodstva Izd. 2. Moskva, Mashgiz, 1961. 328 p.

ORLOV, E. I. [Surface mining in coal pits] Otkrytye gornye raboty na ugol'nykh kar'erakh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 224 p.

ORLOV, S. A. [Methods for the static analysis of sectional reinforced-concrete linings for tunnels] Metody staticheskogo rascheta sbornykh zhelezobetonnykh obdelok tonnelei. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 134 p.

ORLOV, V. V., and others. [Handbook of examples and problems on mining engineering] Sbornik primerov i zadach po provedeniiu gornykh vyrabotok. Khar'kov, Izd-vo Khar'kovskogo gos. univ., im. A. M. Gor'kogo, 1961. 352 p.

OSADCHIEV, V. G., ed. [Handbook on woodwork and the processing of wood, for workers in shops manufacturing consumer goods] Spravochnik po obrabotke i pererabotke drevesiny, dlia rabotnikov tsekhov shirpotreba. 2., perer. izd. Moskva, Goslesbumizdat, 1961 371 p.

OSIPOV, G. V. [Automation in the U. S. S. R.] Avtomatizatsiia v SSSR. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 100 p.

OSIPOV, L. G., P. P. SERBINOVICH, and V. E. KRASENSKII. [Public and industrial buildings; architectural and structural designs and building elements] Grazhdanskie i promyshlennye zdaniia; arkhitekturno-konstruktivnye skhemy i elementy zdanii. Izd. 2., perer. Pod obshchei red. L. G. Osipova. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 470 p.

OSTAPENKO V. N. [Mathematical problems concerning the protection of pipelines against electrolytic corrosion] Matematicheskie voprosy katodnoi zashchity truboprovodov ot korrozii. Kiev, Izd-vo Akad. nauk USSR, 1961. 60 p.

OSTROUMOV, V. V. [Technological innovations form the basis for the development of industrial production] Tekhnicheskii progress - osnova razvitiia proizvodstva. Moskva, Izd-vo "Znanie," 1961. 61 p. (Narodnyi universitet kul'tury: Tekhniko-ekonomicheskii fakul'tet, no. 16-17)

PANKOV, V. I., and V. D. PEKELIS. [The A B C's of the amateur motion-picture photographer; how many letters in the A B C's of the amateur motion-picture photographer?] Azbuka kinolubitelia; skol'ko bukv v azbuke kinolubitelia? [Moskva, Izd-vo VTsSPS, Profizdat, 1961. 340 p.

PAPOK, K. K., and E. G. SEMENIDO, eds. [Motor, jet, and rocket fuels] Motornye, reaktivnye i raketnye topliva, 4., perer. i dop. izd. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, 1962. 741 p.

PARAMONOV, G. A., ed. [Handbook for the master builder on the technology of general building operations] Spravochnik mastera-stroitelia po tekhnologii proizvodstva obshchestroitel'nykh rabot 2. izd, perer. i dop. [Novosibirsk] Novosibirskoe knizhnoe izd-vo, 1961. 713 p.

PASKUDSKII, A. V., and L. A. BOBROVA. [Organization of a study room and performance of laboratory work on plastics and synthetic fibers] Organizatsiia uchebnogo kabineta i provedenie laboratornykh rabot po izucheniiu plasticheskikh mass i sinteticheskogo volokna. Moskva, Vses. uchebno-pedagog. izd-vo Profitekhizdat, 1961. 40 p. (Obmen opytom raboty)

PAVLOV, B. V. [Use of electronic calculating machines for studying the fuel systems of diesel engines] Ispol'zovanie elektronnykh vychislitel'nykh mashin dlia issledovaniia toplivnykh sistem dizelei. Moskva, Mashgiz, 1962. 90 p.

PAVLOV, V. A. [The gyroscopic effect, its manifestations and applications] Giroskopicheskii effekt, ego proiavlenita i ispol'zovanie. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1961. 163 p.

PEREL'MUTER, N. M., and others. [Electrification of lumbering enterprises] Elektrifikatsiia lesozagotovitel'nykh predpriiatii. Moskva, Goslesbumizdat, 1961. 358 p.

PESHKOV, E. O., and N. I FADEEV [Student technical dictionary, aid for practical exercises of grade 5-7 students] Tekhnicheskii slovar' shkol'nika, posobie dlia prakticheskikh zaniatii uchashchikhsia V-VII klassov Izd. 2., ispr. i dop. Moskva, Gos uchebno-pedagog. izd-vo M-va prosv, RSFSR, 1961 176 p.

PIMENOVA, T. F., and N. M. NOVOZHILOV [Use of dry ice in electric welding; scientific report] Primenenie sukhogo l'da v elektrosvarochnoi tekhnike; nauchnoe soobshchenie. Moskva, Gos. izd-vo torg. lit-ry, 1961. 36 p.

PISHCHIK, G. F. [Optical method of studying pressure on reinforced members] Opticheskii metod issledovaniia napriazhennogo sostoianiia armirovannykh elementov. Kiev, Gos. izd-vo lit-ry po stroit., arkhit. USSR, 1961. 44 p.

PODSHIVALOV, R. N., and N. I SUSLOV. [Machine parts made of capron] Kaprolonovye detali mashin. Pod red. A. V. Kovalenko. Moskva, Mashgiz, 1961. 39 p. (Biblioteka mashinostroitelia. Serila "Za ekonomiiu metallov i elektroenergii")

PODVIDZ, L. G., ed. [Laboratory course in hydraulics and pumping machinery] Laboratornyi kurs gidravliki i nasosov. [By] O. V. Baibakov i dr. Moskva, Gos. energ. izd-vo, 1961. 248 p.

POPOV, A. A., and L. E. POPOVA. [Heat treatment handbook; isothermal and thermokinetic diagrams on the decomposition of undercooled austenite] Spravochnik termista; izotermicheskie i termokineticheskie diagrammy raspada pereokhlazhdennogo austenita. Moskva, Mashgiz, 1961. 430 p

POTEKUSHIN, N. V. [Economy of sheet metal] Ekonomiia listovogo metalla. Pod red. A. V. Kovalenko Moskva, Mashgiz, 1961. 28 p. (Biblioteka mashinostroitelia. Serila "Za ekonomiiu metallov i elektroenergii")

[PRACTICE OF INNOVATORS IN DRILLING AND EXPLOITING OIL WELLS] Opyt novatorov burenitia i ekspluatatsii neftianykh skvazhin. Moskva, Gos. nauchno-tekhn izd-vo neft. i gorno-toplivnoi lit-ry Book 2. 1961. 120 p.

PRIBALTIISKAIA NAUCHNO-TEKHNICHESKAIA KONFERENTSIIA PO SVARKE 1st, Riga, 1959. [Transactions of the First Baltic Region Scientific and Technical Conference on Welding] Trudy Pod red. S. B. Aisbindera Riga, TSentr. biuro tekhn. informatsii, 1960. 115 p.

PRIVALOV, N. N., and V. A. KRYLOV. [Assembly of the mechanical equipment of blast-furnace plants] Montazh mekhanicheskogo oborudovaniia domennykh tsekhov. Izd. 2., perer. i dop. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961 333 p.

RABINOVICH, E. Z. [Hydraulics] Gidravlika. Izd. 3., ispr. i perer. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 406 p.

[REGULATIONS ON SAFETY ENGINEERING: steam boilers, pressure vessels, hoisting machinery] Ohutustehnika eeskirjad: Aurukatlad, survemahutid, tosteseadmed, Teine, taiendatud ja parandatud trukk. Tallinn, Eesti Riiklik Kirjastus, 1960. 285 p. [In Estonian]

REZNICHENKO, V. S., and D. A. KHANDROS. [Transparent stencils for drawing and construction work] Prozrachnye trafarety dlia chertezhno-konstruktorskikh rabot. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 41 p.

ROGINSKII, V. N., and N. R. ZBAR. [Long-distance automatic telephone communications] Dal'niaia avtomaticheskaia telefonnaia sviaz'. Moskva, Gos. transp. zhel-dor. izd-vo, 1951. 335 p.

ROITMAN, M. IA. [Fire-prevention measures in building] Pozharnaia profilaktika v stroitel'nom dele. Izd. 2., perer. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1961. 367 p.

ROTENBERG, R. V. [What makes an automobile ride smoothly] Plavnost' khoda avtomobilia. Moskva, nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961. 78 p. (Nauchno-populiarnaia biblioteka avtomobilista)

ROUGERON, CAMILLE. [Utilization of energy from a thermonuclear explosion. Translated from the French] Ispol'zovanie energii termoiadernogo vzryva. Pod red. S. I. Azar'eva. Moskva, Izd-vo inostr. lit-ry, 1957. 295 p.
(OCU)

ROZANOV, I. G. [About young designers, development of creativeness in design and technology in school children] O iunykh konstruktorakh; razvitie konstruktivno-tekhnicheskogo tvorchestva shkol'nikov. Moskva, Izd-vo "Znanie," 1961 45 p (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. II, Pedagogika, no. 10)

RUMIANTSEVA, Z P. [Using a linear programming system in planning the operations of civil aviation] Primenenie lineinogo programmirovaniia v planirovanii grazhdanskogo vozdushnogo flota, konspekt lektsii dlia studentov fakul'teta ekspluatatsii vozdushnogo transporta. Red G. V. Teplov. Moskva, Mosk. inzhenerno-ekon. in-t im. Sergo Ordzhonikidze, 1960. 42 p.

RUSAKOV, S. I., ed [Technology of clothing manufacture] Tekhnologiia shveinogo proizvodstva. Izd. 2., perer. i dop. Moskva, Gos izd-vo "Rostekhizdat, 1961. 670 p.

RUSSIA (1917- R. S. F. S. R.) Glavnoe upravlenie po montazhu tekhnologicheskogo oborudovaniia i proizvodstva montazhnykh rabot. [Operation of motor cranes] Rabota na avtomobil'nykh kranakh. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 159 p.

RUSSIA (1917- R. S. F. S. R.) Glavnoe upravlenie po proizvodstvu elektromontazhnykh rabot. [Safety engineering and industrial hygiene regulations for electrical installation operations, in accordance with the May 7, 1960 decision of the Central Committee of the Trade Union of Construction and Building Material Manufacturing Workers] Sbornik pravil tekhniki bezopasnosti i proizvodstvennoi sanitarii pri elektromontazhnykh rabotakh. Soglasovan s TsK profsoiuza rabochikh stroitel'stva i promyshlennosti stroitel'nykh materialov 7 maia 1960 g. Moskva, Gos. energ. izd-vo, 1961. 255 p.

RUSSIA (1917- R. S. F. S. R.) Glavnoe upravlenie po snabzheniiu i sbytu produktsii tiazhelogo, traktornogo i stroitel'no-dorozhnogo oborudovaniia. [Ore dressing equipment; a descriptive catalog] Obogatitel'noe oborudovanie; katalog-spravochnik. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961 164 p.

RUSSIA (1917- R. S. F. S. R.) Glavnoe upravlenie sanitarnotekhnicheskikh i montazhnykh rabot, Proekino-naladochnoe upravlenie. [Fans used in ventilation and air-conditioning systems] Ventiliatory, primeniaemye v sistemakh ventiliatsii i konditsionirovania vozdukha; sbornik spravochnykh dannykh. Moskva, TSentr. biuro tekhn. informatsii, 1960. 236 p.

RU[illegible]

zatsepshchikov), obsluzhivaiushchikh gruzopod"emnye krany. 2. izd. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 17 p.

RUSSIA (1917- R. S. F. S. R.) Gosudarstvennyi komitet po nadzoru za bezopasnym vedeniem rabot v promyshlennosti i gornomu nadzoru. [Standard instructions for persons responsible for the working order and safe running of cranes] Tipovaia instruktsiia dlia lits, otvetstvennykh za ispravnoe sostoianie i bezopasnoe deistvie gruzopod"emnykh kranov. 2. izd. [Moskva] Gosgortekhizdat, 1961. 14 p.

RUSSIA (1917- R. S. F. S. R.) Ministerstvo kommunal'nogo khoziaistva. [Instructions for drawing up plans and estimates for capital repairs of residential buildings] Instruktsiia po sostavleniiu proektnosmetnoi dokumentatsii na kapital'nyi remont zhilykh domov. Izd. 2. Utverzhdena prikazom po Ministerstvu kommunal'nogo khoziaistva RSFSR 6 iiunia 1960 g. No. 170 i soglasovana s Gosudarstvennym Komitetom Soveta Ministrov SSSR po delam stroitel'stva. Moskva, 1961. 54 p.

RUSSIA (1917- R. S. F. S. R.) Ministerstvo kommunal'nogo khoziaistva. Tekhnicheskoe upravlenie. [Supplying electricity and heat in the cities] Elektrosnabzhenie i teplosnabzhenie gorodov; nauchno-tekhnicheskii informatsionnyi sbornik. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1961. 141 p. (Novaia tekhnika zhilishchno-kommunal'nogo khoziaistva. Seriia 5)

RUSSIA (1917- R. S. F. S. R.) Ministerstvo stroitel'stva. Upravlenie kadrov. Metodicheskii kabinet. [Equipment for the petrochemical industry and oil and gas refineries; program and tests for correspondence technical school courses "Installation and maintenance of industrial equipment"] Oborudovanie predpriiatii neftegazopererabatyvaiushchei i neftekhimicheskoi promyshlennosti; programma i kontrol'nye raboty dlia zaochnogo obucheniia po spetsial'nosti tekhnikumov "Montazh i remont promyshlennogo oborudovaniia." Moskva, 1959. 14 p.
[MICROFILM]

RUSSIA (1917- R.S.F.S.R.) Moskovskii gorodskoi ekonomicheskii sovet. Sovet narodnogo khozyaistva. [Substitute for "puiverkal'elite" in casting in shell molds] Zamenitel' pul'verkal'elita dlia lit'ia v abolochkovye formy. Moskva, TSentr. biuro tekhn. informatsii, 1959. 29 p.

[MICROFILM]

RUSSIA (1923- U.S.S.R.) Glavnoe upravlenie nauchno-issledovatel'skikh i proektnykh organizatsii. Nauchno-issledovatel'skoe biuro tekhnicheskikh normativov. [Norms for the wear, strength and consumption of metal-cutting tools] Normy iznosa, stoikosti i raskhoda rezhushchego instrumenta. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 174 p.

RUSSIA (1923- U.S.S.R.) Glavnoe upravlenie po remontu podvizhnogo sostava i proizvodstvu zapasnykh chastei. [Technical instructions for checking the driving gears of electric trains and diesel locomotives] Tekhnicheskie ukazaniia po proverke zubchatykh koles tiagovykh peredach elektropodvizhnogo sostava i teplovozov. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 91 p.

RUSSIA (1923- U.S.S.R.) Glavnoe upravlenie puti i sooruzhenii. Normativno-instruktivnaia stantsiia. No. 4. [Standard production norms for operations in the shops of railroad divisions and track machinery points; put into effect simultaneously with the new wage systems for workers] Tipovye normy vyrabotki na raboty masterskikh distantsii puti i putevykh mashinnykh stantsii; vvodiatsia v deistvie odnovremenno s novymi usloviiami oplaty truda rabochikh. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 117 p.

RUSSIA (1923- U.S.S.R.) Gosudarstvennaia komissiia po zapasam poleznykh iskopaemykh. [Instructions for applying the classification of reserves to primary gold deposits] Instruktsiia po primeneniiu klassifikatsii zapasov k korennym mestorozhdeniiam zolota. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1955. 46 p.

RUSSIA (1923- U.S.S.R.) Gosudarstvennaia planovaia komissiia. Vsesoiuznyi institut assortimenta izdelii legkoi promyshlennosti i kul'tury odezhdy. [Men's clothing] Muzhskaia odezhda. Moskva, 1961. 27 p.

RUSSIA (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Instructions SN 177-61 on designing the heating and ventilation of plants manufacturing phenol formaldehyde resins by the batch process] Ukazaniia po proektirovaniiu otopleniia i ventiliatsii tsekhov proizvodstva fenolformal'degidnykh smol po periodicheskomu metodu SN 177-61. Utverzhdeny... 16 avgusta 1961 g. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 20 p.

RUSSIA (1923- U.S.S.R.) Komitet po delam izobretenii i otkrytii. [Collection of inventions, manufacture of forging and sheet metal working machinery and press-working operations] Sbornik izobretenii, kuznechno-pressovoe mashinostroenie i shtampovochnye raboty. Moskva, TSentr. biuro tekhn. informatsii, 1961. 126 p. (Sborniki otechestvennykh izobretenii)

RUSSIA (1923- U.S.S.R.) Komitet po delam izobretenii i otkrytii. [Collection of inventions, mechanization of construction work] Sbornik izobretenii; mekhanizatsiia stroitel'nykh rabot. Moskva, TSentr. biuro tekhn. informatsii, 1961. 107 p. (Sborniki otechestvennykh izobretenii)

RUSSIA (1923- U.S.S.R.) Komitet po nadzoru za bezopasnym vedeniem rabot v promyshlennosti i gornomu nadzoru. [Safety regulations in connection with operations in coal preparation and coal briquet plants and coal classification, mandatory for all coal preparation, coal briquetting and classification plants in all branches of industry] Pravila bezopasnosti pri vedenii rabot na ugleobogatitel'nykh i uglebriketnykh fabrikakh i sortirovkakh; obiazatel'ny dlia ugleobogatitel'nykh i uglebriketnykh fabrik i sortirovok vsekh otraslei promyshlennosti. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 31 p.

RUSSIA (1923- U.S.S.R.) Ministerstvo elektrostantsii. [Fire-prevention requirements and regulations for the planning, building and operation of peat enterprises] Protivopozharnye normy i pravila proektirovaniia, stroitel'stva i ekspluatatsii torfopredpriiatii. Moskva, Gos. energ. izd-vo, 1959. 75 p.

RUSSIA (1923- U.S.S.R.) Ministerstvo putei soobshcheniia. TSentral'naia nauchno-tekhnicheskaia biblioteka. [Continuous track; bibliography of Russian and foreign publications, 1884-1960] Besstykovoi put'; bibliograficheskii ukazatel' otechestvennoi i inostrannoi literatury, 1884-1960. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 85 p.

RUSSIA (1923- U.S.S.R.) Ministerstvo putei soobshcheniia. TSentral'naia nauchno-tekhnicheskaia biblioteka. [Use of plastics and synthetic products in railroad transportation in the U.S.S.R. and in foreign countries, bibliographic index of Soviet and foreign publications] Primenenie plastmass i sinteticheskikh materialov na zheleznodorozhnom transporte v SSSR i za rubezhom, bibliograficheskii ukazatel' otechestvennoi i inostrannoi literatury, 1950-1960 gg. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 38 p.

RUSSIA (1923- U.S.S.R.) Ministerstvo stroitel'stva elektrostantsii. TSentral'noe normativno-issledovatel'skoe biuro. [Mechanic's manual on the installation of equipment in the machine rooms of thermal electric power plants] Pamiatka slesaria po montazhu oborudovaniia mashinnogo zala teplovoi elektrostantsii. Moskva, Gos. energ. izd-vo.

No. 1. Akulakov, B. V. [Installation of steam turbines and generators] Montazh parovykh turbin i generatorov, 1961. 79 p.

RUSSIA (1923- U.S.S.R.) Ministerstvo sviazi. Laboratoriia okhrany truda. [Safety engineering regulations for work on long-distance municipal telecommunication and wire broadcasting lines] Pravila tekhniki bezopasnosti pri rabotakh na mezhdugorodnykh, gorodskikh kabel'nykh linliakh sviazi i kabel'nykh linliakh radiofikatsii. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1960. 99 p.

RUSSIA (1923- U.S.S.R.) Upravlenie kinofikatsii i kinoprokata. [New scientific and technical films] Novye nauchno-tekhnicheskie fil'my. Moskva, "Reklamfil'm," 1960. 31 p.

[MICROFILM]

RYKOV, I. I. [High-speed switchgear of d.c. locomotives] Bystrodeistvuiushchie vykliuchateli elektrovozov postoiannogo toka. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 71 p. (Bibliotechka mashinista elektrovoza)

[SAFETY ENGINEERING IN THE OPERATION OF BOILER SYSTEMS] Tekhnika bezopasnosti pri ekspluatatsii kotel'nykh ustanovok. [Moskva, Izd-vo M-va sel'. khoz. RSFSR, 1961] 11 p. (Pamiatka rabotnika sel'skogo khoziaistva)

[SAFETY TECHNIQUES ON TANK FARMS] Tekhnika bezopasnosti na neftebazakh i neftekhranilishchakh. [Moskva, Izd-vo M-va sel'. khoz. RSFSR, 1961] 15 p. (Pamiatka rabotnika sel'skogo khoziaistva)

SAF'IAN, M. M. [Hot rolling of sheets on continuous and semi-continuous rolling mills] Goriachaia prokatka listov na nepreryvnykh i polunepreryvnykh stanakh. Izd. 2., ispr. i dop. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1962. 380 p.

SAFOKHIN, M. S., and B. A. KATANOV. [Operator of a drilling rig in an open pit] Mashinist burovogo stanka na kar'ere. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 240 p.

SAMOILOV, V. P. [Heat-consuming systems in the cotton industry] Teplofspol'zuiushchie ustanovki khlopchatobumazhnoi promyshlennosti. Dopusheheno 20/V 1959 g. Ministerstvom vysshego obrazovaniia SSSR v kachestve uchebnogo posobiia spetsial'nosti "Promyshlennaia teploenergetika" vuzov tekstil'noi promyshlennosti. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1961. 283 p.

SAPOZHNIKOV, M. M. [Handbook of sanitary engineering] Pamiatka santekhnika. Pod obshchei red. V. I. Makarova. [Leningrad] Lenizdat 1961. 55 p. (V pomoshch' stroiteliu)

SARV, V. [Regulating the speed of electric motors by means of magnetic amplifiers] Elektrimootorite kiiruse reguleerimine magnetvoimendajatega. Tallinn, Eesti NSV Ministrite Noukogu Riiklik Teadustik-Tehniline Komitee, 1960. 29 p. [In Estonian]

[SCIENTIFIC INVESTIGATIONS AS AN AID TO BLAST-FURNACE PRACTICES] Nauchnye issledovaniia v pomoshch' domennomu proizvodstvu. [Dnepropetrovsk] Dnepropetrovskoe knizhnoe izd-vo, 1960. 285 p.

[MICROFILM]

SEMENCHENKO, I. I., V. M. MATIUSHIN, and G. N. SAKHAROV. [Design and construction of metal-cutting tools] Proektirovanie metallorezhushchikh instrumentov. Pod red. I. I. Semenchenko. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1962. 952 p.

SERBUL, G. I. [Equipment for cabinetwork] Prisposobleniia dlia obrabotki stoliarnykh izdelii. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1961. 15 p. (Obmen opytom raboty)

SERENSEN, S. V. ed. [Strength under nonstationary loading conditions] Prochnost' pri nestatsionarnykh rezhimakh nagruzki. Kiev, Izd-vo Akad. nauk USSR, 1961. 291 p.

[MICROFILM]

SEVRIUKOV, N. N., B. A. KUZ'MIN, and E. V. CHELISHCHEV. [General metallurgy] Obshchaia metallurgiia. 2. izd., perer. i dop. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1962. 583 p.

SHALIMOVA, K. V., ed. [Specialized guide to semiconductors and semiconductor devices] Spetsial'nyi prakticum po poluprovodnikam i poluprovodnikovym priboram. Moskva, Gos. energ. izd-vo, 1962. 303 p.

SHAL'NOV, A. P. [Mechanizing the laying of gas pipes in cities] Mekhanizatsiia prokladki gorodskikh gazoprovodov. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1961. 120 p.

SHAPIRO, D. M., and others. [Collected problems on the strength of materials] Sbornik zadach po soprotivleniiu materialov. Moskva, Gos. Izd-vo "Vysshaia shkola," 1961. 299 p.

SHATSKIKH, M. I. [Molding and core-making mixtures] Formovochnye i sterzhnevye smesi. Pod obshchei red. A. M. Lipunskogo. Moskva, Mashgiz, 1961. 77 p. (Bibliotechka literishchika, no. 2)

SHCHAPOV, N. M. [Turbine equipment of hydroelectric power plants] Turbinnoe oborudovanie gidroelektrostantsii. Izd. 3., dop. Moskva, Gos. energ. izd-vo, 1961. 318 p.

SHCHERBAKOV, O. K. [Electronic and transistor voltage regulators for low and medium power d.c. and a.c. generators] Elektronnyi i poluprovodnikovyi reguliatory napriazheniia dlia generatorov postoiannogo i peremennogo toka maloi i sredneі moshchnosti. Moskva, In-t technoi mekhaniki i vychislitel'noi tekhn. Akad. nauk SSSR, 1957. 18 p.

SHCHIRENKO, N. S. [Mechanical equipment of blast-furnace plants] Mekhanicheskoe oborudovanie domennykh tsekhov. Pod red. V. P. Dobrova. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1962. 524 p.

SHILOV, P. I. [Geodesy] Geodeziia. Moskva, Izd-vo geodez. lit-ry, 1961. 392 p.

SHINKEVICH, N. I., ed. [Manual on welded, threaded and riveted joints] Spravochnoe posobie po svarnym, rez'bovym i zaklepochnym soedineniiam. Minsk, Izd-vo M-va vysshego, srednego spetsial'nogo i professional'nogo obrazovaniia BSSR, 1961. 298 p.

SHKLENNIK, IA. I., and V. A. OZEROV, eds. [Precision casting] Lit'e po vyplavliaemym modeliam. [Leningrad 1961] 455 p. (Inzhenernye monografii po liteinomu proizvodstvu)

SHLIAKHIN, P. N., and M. L. BERSHADSKII. [Brief manual on steam-turbine systems] Kratkii spravochnik po paroturbinnym ustanovkam. Moskva, Gos. energ. izd-vo, 1961. 127 p.

SHPITAL'NIKOV, K. F. [Semigraphical methods of determining the air parameters of the centrifugal stage of a compressor] Graficheskie metody opredeleniia parametrov vozduha na stupeni kompressora. Moskva, 1961. 227 p.

SHUMSKII, E. G., and B. A. BOK. [Manual on heat engineering] Obshchaia teplotekhnika. Gos. nauchno-tekhn. izd-vo lit-ry, 1961. 459 p.

SHUR, A. I., and SH. D. KUSHNIR. [Manufacture of precast concrete and precast reinforced concrete articles] Tekhnologiia sbornykh zhelezobetonnykh izdelii. Moskva, Gosstroiizdat, 1961. 215 p.

SHVAIKOVSKII, V. V. [Modern designs of motorcycles and motor scooters] Sovremennye mototsikly; ustroistvo mototsiklov. Izd. 2., perer. Moskva, Izd-vo DOSAAF, 1961. 287 p.

SIDORENKO, A. K., IA. I. ADAMOVICH. [Manufacture of large-tooth gears at the Novo-Kramatorsk Machine-Building Plant imeni I. V. Stalin] Proizvodstvo krupnykh zubchatykh koles na opyt Novo-Kramatorskogo mashinostroitel'nogo zavoda im. I. V. Stalina. Moskva, 1961.

SILIN-BEKCHURIN, A. I., L. A. GULIAEVA, and G. A. MOGILEVSKII, eds. [Methodological handbook on hydrogeological, hydrochemical, and microbiological studies for evaluating oil- and gas-bearing potentials] Metodicheskoe rukovodstvo po gidrogeologicheskim, gidrokhimicheskim i mikrobiologicheskim issledovaniiam dlia otsenki perspektiv neftegazonosnosti nedr. [By] G. V. Bogomolov i dr. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 253 p.

SINIAGOVSKII, I. S., ed. [Manual for laboratory work on the resistance of materials] Rukovodstvo k laboratornym rabotam po soprotivleniiu materialov. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 181 p.

SKANAVI, G. I. [Dielectric polarization and losses in glass and ceramic materials with a high dielectric permeability] Dielektricheskaia poliarizatsiia i poteri v steklakh i keramicheskikh materialakh s vysokoi dielektricheskoi pronitsaemost'iu. Moskva, Gos. energ. izd-vo, 1952. 174 p.

SKOBLO, A. I., I. A. TREGUBOVA, and N. N. EGOROV. [Processes and equipment of the petroleum refining and petrochemicals industries] Protsessy i apparaty neftepererabatyvaiushchei i neftekhimicheskoi promyshlennosti. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1962. 652 p.

SLAVUTSKII, A. K. [Local materials in the building of automobile roads] Mestnye materialy v stroitel'stve avtomobil'nykh dorog. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 121 p.

SLONIMER, B. M., and K. I. POVAROV. [Installation and use of glass piping in the national economy] Stekliannye truboprovody v narodnom khoziaistve, ikh montazh i ekspluatatsiia. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 179 p.

SMIRNOV, B. V. [Handbook for beginning electricians on rural wire broadcasting and communications] Spravochnik molodogo elektromekhanika po sel'skoi sviazi i radiofikatsii. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1961. 431 p.

SMIRNOV, L. P. [Manual on electric line and cable operations] Monter-kabel'shchik. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1961. 390 p.

SOBOLEVSKII, E. A., and A. D. USTINOV. [Signal distortion in radiotelegraphy] Iskazhenila signalov na radiotelegrafnykh sviaziakh. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1962. 129 p.

SOKOLOV, A. G. [Transmission line towers] Opory linii peredach; raschet i konstruirovanie. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 170 p.

SOLOGUB, N. A., B. N. IL'IN, and K. A. IPATOV. [Laboratory research on the technology of metals] Laboratornye raboty po tekhnologii metallov. Moskva, Mashgiz, 1961. 294 p.

SOLOV'EV, A. N. [Measurement and evaluation of the properties of textile] Izmerenila i otsenka svoistv tekstil'nykh materialov. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1961. 142 p.

SOMINSKII, M. S. [Semiconductors] Poluprovodniki. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 414 p.

SOROCHISHIN, A. G. [Glass reinforced plastics; manufacture and use] Stekloplastiki; proizvodstvo i primenenie. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 166 p. (Novye stroitel'nye materialy)

SOROKIN, L. I., ed. [Problems in reducing the noise of jet engines, collection of translations] Problemy umen'shenila shuma reaktivnykh dvigatelei, sbornik perevodov. Moskva, Izd-vo inostr. lit-ry, 1961. 141 p.

SOSIN, S. L. [Wool and silk from petroleum and gas] Sherst' i shelk iz nefti i gaza. Moskva, Izd-vo Akad. nauk SSSR, 1962. 109 p. (Nauchno-populiarnaia serila)

SOSIS, P. M. [Mechanization of the design of structures according to standard programs] Mekhanizatsiia raschetov sooruzhenii po tipovym programmam. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1961. 153 p.

SOVESHCHANIE PO INZHENERNO-GEOLOGICHESKIM ISSLEDOVANIIAM SKAL'NYKH OSNOVANII GIDROTEKHNICHESKIKH SOORUZHENII, Moscow, 1960. [Problems of engineering geology in construction] Problemy inzhenernoi geologii v stroitel'stve, materialy. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 230 p.

SPITSYN, N. A., and I. I. KAPKANETS. [Machine parts and hoisting and conveying machinery] Detali mashin i pod"emno-transportnye mashiny. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 331 p.

SPITSYN, N. A., and L. I. SPRISHEVSKII, eds. [Antifriction bearings; manual] Podshipniki kacheniia, spravochnoe posobie. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 828 p.

[STABILITY OF EARTH ROADBED AND ROAD MATS IN REGIONS WITH ARTIFICIAL IRRIGATION] Ustoichivost' zemlianogo polotna i dorozhnykh odezhd v raionakh iskusstvennogo orosheniia. [By] IU. L. Motylev i dr. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961. 178 p.

SUDOPLATOV, A. P., and K. I. IVANOV. [New high-efficiency methods of coal mining] Novye vysokoproizvoditel'nye sposoby dobychi uglia. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1962. 164 p.

[SUGAR INDUSTRY OF THE UKRAINE] TSukrova promyslovist' Ukrainy. Kyiv, Derzh. vyd-vo tekhn. lit-ry URSR, 1960. 1 v.

SUKHODOEV, I. V. [K-3 high-frequency telephone apparatus] Apparatura vysokochastotnogo telefonirovaniia sistemy K-3. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1961. 37 p. (Lektsii po tekhnike sviazi)

SUPRIAGA, N. P. [Electron-beam tubes with charge accumulation] Elektronno-luchevye trubki s nakopleniem zariadov. Moskva, Voen. izd-vo M-va oborony SSSR, 1961. 118 p. (Radiolokatsionnaia tekhnika)

SVET'LOV, P. V., and V. I. NILOV. [Methods for quartz crystal stabilization of a frequency band] Metody kvartsevoi stabilizatsii v diapozone chastot. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1961. 225 p.

TAITS, E. M., N. G. TITOV, and N. V. SHISHAKOV. [Methods of analyzing and testing coal for use as raw material in industry] Metody analiza i ispytaniia uglei kak syr'ia dlia promyshlennogo ispol'zovaniia. Izd. 2., perer. i dop. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 314 p.

TARASENKOV, V. P. [Fundamentals of the maintenance of crawler machines] Osnovy tekhnicheskogo obsluzhivaniia gusenichnykh mashin. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 264 p.

TARTAKOVSKII, G. A. [New system for the construction of pipelines in the form of suspended lines; theory, calculations, design] Novaia sistema sooruzhenila truboprovodov v vide provisaiushchikh nitei; teoriia, raschet, proektirovanie. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1961. 160 p.

TATAR A. S. S. R. Sovet Narodnogo khoziaistva. Upravlenie energeticheskoi promyshlennosti. [Development of power engineering in the Tatar A. S. S. R.] Razvitie energetiki Tatarskoe knizhnoe izd-vo, 1961. 145 p.
[MICROFILM]

TATEVOSOV, K. G. [Establishment of norms for a uniform production flow in series-manufacture of machinery] Normativnye raschety ravnomernogo proizvodstva v serlinom mashinostroenii. Moskva, Mashgiz, 1961. 246 p.

[TECHNICAL DOCUMENTATION OF CABLE JOINTING SLEEVES] Tekhnicheskaia dokumentatsiia na kabel'nye mufty. Moskva, Gos. energ. izd-vo.
No. 12. [Pole boxes for SB, AB, and AAB cables with saturated paper insulation carrying 1, 6, and 10 kv.] Machtovye mufty dlia kabelei s bumazhnoi propitannoi izoliatsiei tipov SB, AB i AAB na napriazhenie 1, 6 i 10 kv. 1961. 61 p.

[TECHNOLOGY SUMMONS US] Tekhnika zovet. [Moskva] Mosk. rabochii, 1961. 194 p.

TENENBAUM, I. M. [Principles of radiation measurement in mines] Osnovy rudnichnoi radiometrii. Moskva, Gos. izd-vo lit-ry v oblasti atomnoi nauki i tekhn., 1961. 143 p.

TEPLOV, D. IU. [Technological bibliography in the U. S. S. R.; a brief historical account] Informatsionno-tekhnicheskaia bibliografiia v SSSR; kratkii istoricheskii ocherk. Moskva, Izd-vo Akad. nauk SSSR, 1962. 123 p.

TER-OVAKIMIAN, I. A., ed. [Easy to make women's apparel] Zhenskoe legkoe plat'e. [By] L. P. Goliato i dr. Moskva, Gos. izd-vo mestnoi promyshl. i khudozh. promyslov. RSFSR, 1961. 465 p.

TERENT'EV, V. S., and M. B. TSALIUK. [Thin sheet finishing mills] Ad"iustazh tonkolistovykh stanov, otdelochnye mashiny. Sverdlovsk, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 344 p.

TIKHONOV, V. IA. [Automation of skip hoists with an asynchronous drive and relay cascade control] Avtomatizatsiia skipovykh pod"emnykh ustanovok s asinkhronnym privodom pri releino-stupenchatom upravlenii. Alma-Ata, TSentr. in-t nauchno-tekhn. informatsii, 1960. 17 p.

TIPUGIN, V. N., and V. A. VEITSEL'. [Radio control] Radioupravlenie. Moskva, Izd-vo "Sovetskoe radio," 1962. 749 p.

TITOV, V. D. [Opening up ore deposits] Vskrytie rudnykh mestorozhdenii. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 285 p.

TITOVA, N. M., and N. M. KILLEROG, comps. [Toward stellar worlds] K zvezdnym miriam. Kiev, Izd-vo Akad. nauk USSR, 1961. 99 p.
[MICROFILM]

TROSHANOV, N. A. [Radio equipment using traveling-wave tubes] Radioapparatura na lampakh begushchei volny. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1961. 218 p.

TRUNKOVSKII, L. E. [Electrician's manual on the use of industrial electric power systems] Elektromonter po ekspluatatsii promyshlennykh elektrosetevok. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1961. 226 p.

TSAREV, B. M. [Calculation and design of electron tubes] Raschet i konstruirovanie elektronnykh lamp. Izd 3., perer. i znachitel'no dop. Moskva, Gos. energ. izd-vo 1961. 671 p.

TSEGEL'SKII, V. L. [Mechanization of arc welding] Mekhanizatsiia dugovoi svarki. Moskva, Vses. uchebno-pedagog. izd-vo, Proftekhizdat, 1961. 142 p. (Novaia tekhnika i peredovye metody truda)

TSENTRAL'NAIA STANTSIIA IUNYKH TEKHNIKOV, Moscow. [A simple transistor tester] Prostoi tester dlia proverki tranzistorov. [Moskva] Izd-vo "Detskii mir," 1962. 1 fold. l. (Prilozhenie k zhurnalu "IUnyi tekhnik," no. 4(118))

TSENTRAL'NAIA STANTSIIA IUNYKH TEKHNIKOV, Moscow. [Automatic electronic switches] Avtomaticheskie elektronnye perekliuchateli. [Moskva] Izd-vo "Detskii mir" 1962. 1 fold. l. (Prilozhenie k zhurnalu "IUnyi tekhnik," no. 5(119))

TSENTRAL'NAIA STANTSIIA IUNYKH TEKHNIKOV, Moscow. [Eyeglasses and hearing aid combination] Priemnik - ochki. [Moskva] Izd-vo "Detskii mir," 1962. 1 fold. l. (Prilozhenie k zhurnalu "IUnyi tekhnik," no. 1(115))

TSENTRAL'NAIA STANTSIIA IUNYKH TEKHNIKOV, Moscow. [Heterodyne resonance indicator] Geterodinnyi indikator rezonansa. [Moskva] Izd-vo "Detskii mir," 1962. 1 fold. l. (Prilozhenie k zhurnalu "IUnyi tekhnik," no. 6(120))

TSENTRAL'NYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT FANERY I MEBELI. [Veneering handbook] Spravochnik fanershchika. Izd. 2. Moskva, Goslesburizdat.
Vol. I. 1961. 522 p.

TSVETKOV, A. I., and IU. D. SHUTOV. [Construction of sewer conduits by shield tunneling; construction practices in Leningrad] Sooruzhenie kanalizatsionnykh kollektorov metodom shchitovoi prokhodki; opyt stroitel'stva v Leningrade. Leningrad, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 97 p.

TURBOVICH, I. T. [Method of proximity systems and its use in radio engineering for establishing procedures in designing linear and nonlinear systems.] Metod blizkikh sistem i ego primenenie dlia sozdaniia inzhenernykh metodov raschota lineinykh i nelineinykh radiotekhnicheskikh sistem. Moskva, Izd-vo Akad. nauk SSSR, 1961. 250 p.

TURK, V. I. [Pumps and pumping stations] Nasosy i nasosnye stantsii. Izd. 2., perer. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 332 p.

[TYPES AND BASIC PARAMETERS OF INSTRUMENTS AND AUTOMATIC CONTROLLERS IN THE STATE STANDARDS OF THE U. S. S. R.] Tipy i osnovnye parametry priborov i avtomaticheskikh regulatorov v gosudarstvennykh standartakh SSSR. Izdanie ofitsial'noe. Moskva, Gos. izd-vo standartov, 1961. 751 p.

UKRAINE Ministerstvo stroitel'stva. Tekhnicheskoe upravlenie [Operation and maintenance of motor rollers] Rabota na motornykh katkakh Pod red. A P. Degtiareva. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 86 p.

UKRAINSKOE GIDROGEOLOGICHESKOE SOVESHCHANIE. 1st. [Transactions of the First Ukrainian Hydrogeological Conference] Trudy. Kiev, Izd-vo Akad. nauk USSR.
Vol 2. [Problems of engineering geology] Voprosy inzhenernoi geologii. 1961. 174 p.

URAL'VAGONZAVOD, Nizhniy Tagil. [Advanced technological processes in railroad car manufacture] Peredovaia tekhnologiia mekhanosborochnogo proizvodstva. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 102 p.

URALVAGONZAVOD, Nizhniy Tagil. [Improving the technology of founding] Sovershenstvovanie tekhnologii liteinogo proizvodstva. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 138 p.

USENKO, V. A., and L. M. ZABELOT'SKII. [Silk technology] Tekhnologiia shelka. Pod red. V. A. Usenko. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR.
Pt. 2. [Silk spinning] Shelkopriadenie. 1961. 343 p.

VAINSHTOK, I. S. [Electronics in the manufacture of precast concrete] Radioelektronika v proizvodstve sbornogo zhelezobetona. Pod red. P. K. Balat'ova. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 155 p.

VALAITIS, V. [What a turner should know] Kas zinotina tekintojui. Vilnius, Valstybine politines ir moksalines literaturos leidykla, 1961. 142 p. [In Lithuanian]

VASHKOV, V. I., ed. [Methods for studying disinfectant, insecticidal and deratting preparations] Metody issledovaniia dezinfektsionnykh, dezinsektsionnykh i deratizatsionnykh preparatov. Moskva, Medgiz, 1961. 235 p.
(DNLM)

VASIUCHENKO, S. I. [Chemistry for technical schools] Khimiia dlia tekhnikumov. Izd. 4., perer. i dop. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 395 p.

VEDENEEV, N. P., A. I. VOLCHENKOV, and A. S. NOVGORODOV. [Hard-alloy engineering equipment, dies and press-molds] Tverdosplavnaia tekhnologicheskaia osnastka; shtampy i press-formy. Leningrad, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 119 p.

VEL'KIN, I. E. [The manufacture of machinery and technological progress] Mashinostroenie i tekhnicheskii progress. Moskva, Izd-vo "Znanie," 1961. 38 p. (Narodnyi universitet kul'tury: Tekhniko-ekonomicheskii fakul'tet, no. 15)

VENDILOVSKII, V. S., and N. A. FURMAN. [Manual for television owners] V pomoshch' telezriteliu. Minsk, Gos. izd-vo BSSR, Red. nauchno-tekhn. lit-ry, 1961. 121 p.

VER, A. IA., and A. I. PLASTININ. [Petro Stepanchuk, construction worker] Budivel'nyk Petro Stepanchuk. Kyiv, Derzh. vyd-vo lit-ry z budivnytstva i arkhit., URSR, 1961. 40 p. (Maiaky budivnykiv komunizmu)

VERT, L. V. [Instructions on safety engineering for painters] Pamiatka po tekhnike bezopasnosti dlia maliara. Izd. 3. Moskva, Gos. izd-vo lit-ry po stroit. arkhit. i stroit. materialam, 1961. 15 p. (Tekhnika bezopasnosti)

VIKHMAN, G. L., and S. A. KRUGLOV. [Principles of the design of equipment and machines for petroleum refineries] Osnovy konstruirovaniia apparatov i mashin neftepererabatyvaiushchikh zavodov. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1962. 110 p.

VIKMANIS, E. [Practice in highway construction in the Latvian S. S. R.] Latvijas PSR automobiliu ceiu buvniecibas pieredze. Riga, Latvijas Valsts izdevnieciba, 1960. 137 p. [In Latvian]

VINITSKII, A. S. [Fundamentals of continuous-wave radar] Ocherk osnov radiolokatsii pri neprerynom izluchenii radiovoln. Moskva, Izd-vo "Sovetskoe radio," 1961. 494 p.

VINOGRADOV, N. V. [Manufacture of electric machinery] Proizvodstvo elektricheskikh mashin. Moskva, Gos. energ. izd-vo, 1961. 319 p.

VIZUN, IU. I. [Study of problems concerning the design of permanent magnetic memory devices] Issledovanie voprosov postroeniia magnitnykh zadaiushchikh ustroistv. Moskva, In-t tochnoi mekhaniki i vuchislitel'noi tekhn. Akad. nauk SSSR, 1957. 37 p.

VLASOV, V. I., and IA. I. BERMAN. [Design of the high-frequency units of radar stations] Proektirovanie vysokochastotnykh uzlov radiolokatsionnykh stantsii. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1961. 356 p.

VOITINSKAIA, S. E., and K. G. DUNTSOVA. [Pork dishes] Bliuda iz svininy. Moskva, Gos. izd-vo torg. lit-ry, 1961. 95 p.

VOLKOV, M. I., and F. N. PANTELEEV. [Manual for laboratory testing of road materials] Posobie k laboratornym rabotam po ispytaniiu dorozhno-stroitel'nykh materialov. Izd. 2. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961. 333 p.

VOLKOV, V. F., and A. I. CHICHENEV. [Ship refrigerating machines and installations] Sudovye kholodil'nye mashiny i ustanovki. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl. 1961. 261 p.

VOL'PE, R. I., and N. S. PODOBEDOV. [Topographical interpretation of aerial photographs in the compilation of maps at scales of 1:10, 000 and 1:25, 000] Topograficheskoe deshifrirovanie aerosnimkov pri sozdanii kart masshtabov 1:10 000 i 1:25 000. Moskva, Izd-vo geodez. lit-ry, 1961. 255 p.

VOROPAEV, A. F. [Temperature control in deep mines] Upravlenie teplovym rezhimom v glubokikh shakhtakh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 246 p.

VOZNITSKII, I. V., and L. A. IVANOV. [Breakdown of internal combustion marine engines] Avarii sudovykh dvigatelei vnutrennego sgoraniia. Moskva, Izd-vo "Morskoi transport," 1961. 240 p.

VOZNIUK, V. V. [Amateur radio designs] Radioliubitel'skie konstruktsii. [Novosibirsk] Novosibirskoe knizhnoe izd-vo, 1961. 133 p.

VSEROSSIISKII SOVET NARODNOGO KHOZIAISTVA. [Innovations in woodpulp and paper production] Novoe v tsellulozno-bumazhnom proizvodstve. [Leningrad] 1960. 211 p.
[MICROFILM]

VSESOIUZNAIA NAUCHNO-TEKHNICHESKAIA KONFERENTSIIA PO VAGRANOCHNOMU PROTSESSU. 3d, 1959. [Development of the cupola process, proceedings of the third All-Union Scientific and Technical Conference on the Cupola Process] Razvitie vagranochnogo protsessa, trudy. Pod red. L. M. Mazienbakha, N. A. Barinova. Moskva, Mashgiz, 1961. 438 p.
[MICROFILM]

VSESOIUZNOE SOVESHCHANIE PO TRANSPORTNOMU STROITEL'STVU, Moscow, 1959. [Papers of the All-Union Conference on Construction for the Transportation Industry] Sbornik trudov. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 517 p.

VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT NOVYKH STROITEL'NYKH MATERIALOV. [Basic regulations of the organization and technology of the manufacture of porous clay filler in rotary furnaces] Osnovnye polozheniia organizatsii i tekhnologii proizvodstva keramzitovogo zapolnitelia v vrashchaiushchikhsia pechakh. Moskva, TSentr. biuro tekhn. informatsii, 1959. 63 p.
[MICROFILM]

VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT NOVYKH STROITEL'NYKH MATERIALOV. [Synthetic floor coverings] Sinteticheskie materialy dlia pokrytiia polov. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 155 p. (Novye stroitel'nye materialy)

[WINNERS OF LENIN PRIZES in 1961] Laureaty Leninskikh premii; sbornik statei. Moskva, Izd-vo "Znanie," 1961. 74 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 4, Tekhnika, no. 23/24)

ZAEZDNYI, A. M. [Harmonics synthesis in radio engineering and electrical communications] Garmonicheskii sintez v radiotekhnike i elektrosviazi. Moskva, Gos. energ. izd-vo, 1961. 535 p.

ZAGRUDNYI, I. V. [How to obtain high productivity from earthmoving machinery] Kak proizvoditel'no ispol'zovat' zemleroinye mashiny. [Belgorod] Belgorodskoe knizhnoe izd-vo, 1961. 42 p.

ZAITSEV, N. V. [Technological equipment of bakeries] Tekhnologicheskoe oborudovanie khlebozavodov. Izd. 2., perer. i dop. Moskva, Pishchepromizdat, 1961. 554 p.

ZAKIS, M. P. [Technological progress of the radio equipment industry in Soviet Latvia] Tekhnicheskii progress v radiopromyshlennosti Sovetskoi Latvii. Riga, Izd-vo Akad. nauk Latviiskoi SSR, 1957. 121 p.

ZAVRAZHIN, N. M., and N. N. ZAVRAZHIN. [Painting] Maliarnye raboty. Izd. 5., ispr. i perer. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1961. 354 p.

ZEZIN, M. A. [Regulating devices of automatic control systems used in glass manufacture] Reguliruiushchie ustroistva sistem avtomatiki v stekol'noi promyshlennosti. Moskva, Gos. nauchno-issl. in-t stekla, 1961. 53 p. (Sbornik nauchno-tekhnicheskoi informatsii)

ZHELIGOVSKII, A. V., ed. [Theory of flat mechanisms and the dynamics of machinery] Teoriia ploskikh mekhanizmov i dinamika mashin. [By] G. A. Barsov i dr. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 336 p.

ZHGUN, V. P. [Brigade plan for the introduction of new techniques] Brigadnyi plan vnedreniia novoi tekhniki; iz opyta raboty Leningradskogo Politekhnicheskogo domostroitel'nogo kombinata. Leningrad, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 78 p.

ZHMUR, N. S., V. G. NEDRIGAILOV, and V. I. SHAGOV, comps. [Installation of technological equipment used in the main processes of chemical plants] Montazh tekhnologicheskogo oborudovaniia osnovnykh protsessov khimicheskikh zavodov. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 346 p.

ZHONDETSKAIA, O. D., and N. B. POLONSKII. [Overall suppression of industrial radio interference] Kompleksnoe podavlenie radiopomekh ot promyshlennykh predpriiatii. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1961. 55 p.

ZHOTKEVICH, T. S. [How to use the hydraulic systems of tractors] Kak pol'zovat'sia gidrosistemoi traktorov. [Moskva] Mosk. rabochii, 1961. 19 p. (Sovety molodomu mekhanizatoru)

ZHURAVLEV, V. N. [Reducing the weight of structures used in machine manufacture] Snizhenie vesa mashinostroitel'nykh konstruktsii. Izd. 2., perer. i dop. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 238 p.
[MICROFILM]

ZIUZIN, A. F., E. V. IL'IN, and N. I. LAZAREV. [Installing electrical equipment in industrial enterprises and installations] Montazh elektrooborudovaniia promyshlennykh predpriiatii i ustanovok. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 283 p.

ZIUZIN, F. S., and A. K. IARTSEV. [Repairing peat machinery] Remont torfianykh mashin. Moskva, Gos. energ. izd-vo, 1961. 382 p.

ZIVNÝ, KAREL. [Electric heating of trains. Translated from the Czech] Elektricheskoe otoplenie zheleznodorozhnykh sostavov. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 54 p.

ZNAMENSKII, A. E. [Controlled artificial lines] Reguliruemye iskusstvennye linii. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1961. 51 p. (Lektsii po tekhnike sviazi)

ZYSINA-MOLOZHEN, L. M., and M. P. POLIAK. [Calculating the temperature field in a cooled turbine blade; Conference on Heat and Mass Transfer, Minsk, January 23-27, 1961] Raschet polia temperatur v okhlazhdaemoi turbinnoi lopatke; soveshchanie po teplo- i massoobmenu, g. Minsk, 23-27 ianvaria 1961 g. [Minsk, 1961] 9 p.
[MICROFILM]

17. MILITARY & NAVAL SCIENCES

ADORINSKII, V. V. [On guard duty] Na boevom postu. Moskva, Voen. izd-vo M-va oborony SSSR, 1961. 45 p. (Biblioteka soldata i matrosa)

ALEKSANDROV, V. E. [Incident in the air] Sluchai v vozdukhe. Moskva, Voen. izd-vo M-va oborony SSSR, 1961. 31 p. (Biblioteka soldata i matrosa)

[APPLICATION OF THE THEORY OF GAMES IN MILITARY AFFAIRS. Translated from the English. Preface by V. O. Ashkenazy and IU. S. Golubev-Novozhilov] Primenenie teorii IGR v voennom dele, sbornik. Moskva, Izd-vo "Sovetskoe radio," 1961. 360]

BAKAEV, V. G., and S. M. BAEV, eds. [Transportation *in the U. S. S. R., marine transportation*] Transport SSSR, morskoi transport. Moskva, Izd-vo "Morskoi transport," 1961. 759 p.

BARABANOV, N. V. [Design of ship hulls] Konstruktsiia korpusa morskikh sudov Pod red. V. P. Belkina. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1961. 467 p.

BASIN, A. M., and V. N. ANFIMOV. [Ship hydrodynamics; ship resistance, propellers, maneuvrability, and rolling] Gidrodinamika sudna, soprotivlenie vody, dvizhiteli, upravliaemost' i kachka. Leningrad, Izd-vo "Rechnoi transport," 1961. 684 p.

BOGDANOV, B. V., and M. G. GALKOVSKAIA. [Sectional barge trains for propulsion by pushing] Sektsionnye sostavy dlia vozhdeniia sposobom tolkaniia. Moskva, Izd-vo "Rechnoi transport," 1961. 144 p.

BORISOV, D. S., and M. K. SHEVCHUK, comps. [Soldier, hero, and scientist, reminiscences about D. M. Karbyshev] Soldat, geroi, uchenyi, vospominaniia o D. M. Karbysheve. Moskva, Voen. izd-vo M-va oborony SSSR, 1961. 194 p.

BORISOV, V. V., and others, comps. [Dictionary of foreign military abbreviations] Slovar' inostrannykh voennykh sokrashchenii. Pod red. M. P. Egorova. Moskva, Voen. izd-vo M-va oborony SSSR, 1961. 691 p.

CHAADAEV, N. A., V. N. ISAEV, and V. A. MONAKHOV, comps. [Concise French-Russian dictionary of naval terms] Kratkii frantsuzsko-russkii voenno-morskoi slovar'. Pod red. A. S. Bondarenko. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 344 p.

CHIENAS, M., K. SMIGELSKIS, and E. ULDUKIS. [Hawks from the other side, a documentary true story] Vanagai is anapus, dokumentine apybraiza. Vilnius, Valstybine grozines literaturos leidykla, 1960. 275 p. [In Lithuanian]

DESNITSKII, G. S. [Sentinels of the air space above our country] Chasovye vozdushnykh prostorov rodiny. Moskva, Voen. izd-vo M-va oborony SSSR, 1961. 151 p.

DRAUDINS, T. [Combat history of the Latvian Riflemen, 1917-1920] Latviesu strelnieku sinu cels, 1917-1920. Riga, Latvijas Valsts izdevnieciba, 1961. 150 p. [In Latvian]

ELIN, I. A., N. V. ZHUR, and I. A. SHEIDIN. [Laminated and decorative materials made of wood, their properties and use in ship repairing] Plastiki i dekorativnye materialy iz drevesiny, ikh svoistva i primenenie v sudoremonte. Pod obshchei red. N. V. Zhura. Leningrad, Izd-vo "Morskoi transport," 1961. 141 p.

GUSEV, L. M., and N. N. SHRAMOV. [Firing from a tank, a manual for the crew] Strel'ba iz tanka, posobie dlia ekipazha. Moskva, Voen. izd-vo M-va oborony SSSR, 1961. 109 p. (Za voenno-tekhnicheskie znaniia)

HAYASHI, K., T. ANDO, and K. KIMURA. [Ordnance rockets and Japan, military bases are a war threat. Abridged translation from the Japanese] Raketnoe oruzhie i Iaponiia, voennye bazy - ugroza miru. Vstup. stat'ia i kommentarii B. G. Sapozhnikova. Moskva, Voen. izd-vo M-va oborony SSSR, 1961. 246 p.

IADIN, V. [On the captain's bridge, a story about Bruno Kondrus, Captain of deepwater navigation and Hero of Socialist Labor] Na kapitanskom mostike, rasskaz o Geroe Sotsialisticheskogo Truda kapitane dal'nego plavaniia Bruno Kondruse. Riga, Latviiskoe gos. izd-vo, 1961. 73 p.

IVANOV, P. S., I. D. POVERIN, and M. I. ESIN. [Fortification installations for firing positions] Fortifikatsionnoe oborudovanie ognevykh pozitsii. Moskva, Voen. izd-vo M-va oborony SSSR, 1961. 118 p. (Biblioteka serzhanta)

KLIUKIN, I. I. [Controlling noise and sound vibration on ships] Bor'ba s shumom i zvukovoi vibratsiei na sudakh. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl. 1961. 355 p.

KOCHETKOV, A. [Light from atop the hill] Svet s vershiny. Moskva, Voen. izd-vo M-va oborony SSSR, 1961. 56 p.

KONDRAT'EV, N. IA. [Orientation by stars] Orientirovka po zvezdam. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 94 p. (Nauchno-populiarnaia biblioteka)

KOTOVSKII, V. I. [Stabilizers for tank armaments, principles of design and operation] Stabilizatory tankovogo vooruzheniia, printsipy ustroistva i deistviia. Moskva, Voen. izd-vo M-va oborony SSSR, 1961. 108 p. (Za voenno-tekhnicheskie znaniia)

KRAVCHIK, F. I. [Planning and organization of the repair of ships] Planirovanie i organizatsiia remonta sudov. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1961. 158 p.

LADYZHENSKII, E. B. [Fitting marine shaftings by the photography of a ray of light] Montazh sudovykh valoprovodov s pomoshch'iu fotografirovaniia svetovogo lucha. Moskva, Izd-vo "Morskoi transport," 1961. 84 p. (Biblioteka po obmenu opytom na morskom transporte)

LAKHANIN, V. V., and A. N. KHOZE. [General heat engineering, thermodynamics and marine power plants] Obshchaia teplotekhnika, termodinamika i sudovye silovye ustanovki. Moskva, Izd-vo "Rechnoi transport," 1961. 300 p.

LEONT'EV, V. M., and N. F. FROLOV. [Technology of shipbuilding and ship repairs] Tekhnologiia sudostroeniia i sudoremonta. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1961. 435 p.

LUKOV, G. D. [Training the will of Soviet soldiers] Vospitanie voli u sovetskikh voinov. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 94 p.

MALAKHOV, M. M. [Attack of the cavalry guardsmen; outline of the military operations of the First Guards Cavalry Corps (November 1941-June 1942)] Udar konnogvardeitsev; ocherk o boevykh deistviiakh 1-go gvardeiskogo kavaleriiskogo korpusa (noiabr' 1941-iiun' 1942 goda). Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 143 p.

MALKOV, M. A. [Sighting devices and observation instruments for tanks; working principles] Tankovye pritsely i pribory nabliudeniia; osnovaniia ustroistva. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 239 p.

MALYSHKIN, E. A. [Passive radar] Passivnaia radiolokatsiia. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 66 p. (Radiolokatsionnaia tekhnika)

MARENKOV, N. A. [Determining defects in main marine engines by inspection for preventive maintenance] Opredelenie defektov glavnykh sudovykh mekhanizmov pri profilakticheskikh osmotrakh. Leningrad, Izd-vo "Morskoi transport," 1961. 342 p.

[MARINE ENGINEERING HANDBOOK FOR THE OPERATION OF MOTORSHIPS] Spravochnik dlia mekhanika i motorista teplokhoda. Sost. E. S. Leont'evskii i N. N. Renskii. Moskva, Izd-vo "Rechnoi transport," 1961. 558 p.

MOSCOW. INSTITUT ISTORII PARTII. [People's militia of Moscow] Narodnoe opolchenie Moskvy. [Moskva] Mosk. rabochii, 1961. 335 p.

MOSCOW. TSENTRAL'NYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT EKONOMIKI I EKSPLUATATSII VODNOGO TRANSPORTA. [Economic and operational problems connected with improving the work of the merchant marine] Ekonomiko-eksploatatsionnye problemy uluchsheniia raboty morskogo transporta. Pod red. IA. B. Kantorovicha. Moskva, Izd-vo "Morskoi transport," 1961. 192 p.

[NEW ADVANCES IN MILITARY TECHNOLOGY FOR YOUTHFUL READERS] Molodezhi o novom v voennoi tekhnike. Moskva, Izd-vo DOSAAF, 1961. 342 p.

NIKITIN, M. I., and E. L. KATS, comps. [Under their country's flag] Pod flagom Rodiny. [Leningrad] Lenizdat, 1961. 158 p.

PERESADA, S. A. [Ground-to-air guided rocket missiles] Zenitnye upravliaemye rakety. Moskva, Voen. izd-vo M-va oborony SSSR, 1961. 79 p. (Za voenno-tekhnicheskie znaniia)

PERLOV, G. V. [Marine steam boilers] Sudovye parovye kotly. Pod red. N. I. Pushkina. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1961. 343 p.

PROKOF'EV, K. A., IU. A. SAMSONOV, and S. K. CHERNOV. [Vibrations in the parts of marine turbomachine units] Vibratsiia detalei sudovykh turboagregatov. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl.
Vol. 1. 1961. 550 p.

PROSTAKOV, A. L. [Underwater acoustics in the navy] Gidroakustika v voenno-morskom flote. Moskva, Voen. izd-vo M-va oborony SSSR, 1961. 139 p. (Za voenno-tekhnicheskie znaniia)

RUSSIA (1917- R. S. F. S. R.) Ministerstvo rechnogo flota. [Regulations for the technical operation of the R. S. F. S. R. river transportation fleet, January 29, 1960] Pravila tekhnicheskoi eksploatatsii rechnogo transporta RSFSR. Vvedeny v deistvie prikazom ministra rechnogo flota No. 12 ot 29 ianvaria 1960 g. Moskva, Izd-vo "Rechnoi transport," 1961. 104 p.

RUSSIA (1923- U. S. S. R.) Glavnoe upravlenie gidrometeorologicheskoi sluzhby. [Abridged cloud atlas for hydrometeorological observations on ships] Sokrashchennyi atlas oblakov dlia sudovykh gidrometeorologicheskikh nabliudenii. Pod red. L. G. Sobolevа. Leningrad, Gidrometeoizd-vo, 1961. 52 p.

RUSSIA (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Technical specifications SN 144-60 for determining stresses on wharf structures caused by ships] Tekhnicheskie usloviia opredeleniia nagruzok ot sudov na prichal'nye sooruzheniia; SN 144-60. Utverzhdeny i oktiabria 1960 g. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 29 p.

RUSSIA (1923- U. S. S. R.) TSentral'nyi gosudarstvennyi arkhiv Voenno-Morskogo Flota. [M. P. Lazarev, documents] M. P. Lazarev, dokumenty. Pod red. K. I. Nikul'chenkova. Moskva, Voen. izd-vo M-va obor. SSSR. (Russkie flotovodtsy)
Vol. 3. 1961. 576 p.

SHEVCHUK, M. K., and E. A. KATURKIN. [How to overcome obstacles erected by the engineers] Kak preodolevat' inzhenernye zagrazhdeniia. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 182 p. (Za voenno-tekhnicheskie znaniia)

STARIKOV, A. S. [Ways of improving the performance of river dredgers] Puti povysheniia proizvoditel'nosti rechnykh zemlesosov. Moskva, Izd-vo "Rechnoi transport," 1961. 92 p.

SYCHEV, K. V., and M. M. MALAKHOV, eds. [Attack in a wooded-swampy and in a wooded-mountainous locality; collection of tactical examples of the attack of a rifle unit in the Great Patriotic War in 1944] Nastuplenie v lesisto-bolotistoi i gorno-lesistoi mestnosti; sbornik taktricheskikh primerov nastupleniia voisk strelkovogo korpusa po opytu Velikoi Otechestvennoi voiny v 1944 g. Moskva, Voen. izd-vo M-va oborony SSSR, 1961. 203 p.
——— [Album of diagrams] Al'bom skhem. 14 diagrams.

TRESKUNOV, P. I. [Cutter and press-worker] Rezchik-pressovshchik. 2., perer. i ispr. izd. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1961. 146 p.

TULIAKOV, I. M., and M. B. GAVRILENKO. [Work organization of the harbor fleet] Organizatsiia raboty portovogo flota. Moskva, Izd-vo "Morskoi transport," 1961. 122 p.

VASIL'EV, D. V., V. A. MIKHAILOV, and B. I. NORNEV-SKII. [Automatic control systems for ships] Sudovye avtomatizirovannye ustanovki. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1961. 695 p.

ZAITSEV, G. S., and A. IA. KUZNETSOV. [Smoke agents and smoke-producing substances] Dymovye sredstva i dymoobrazuiushchie veshchestva. Moskva, Voen. izd-vo M-va oborony SSSR, 1961. 82 p.

ZAVALISHIN, N. I., ed. [Organizational principles in providing medical care for troops] Osnovy organizatsii meditsinskogo obespecheniia voisk. Moskva, Medgiz, 1961. 219 p.

[MICROFILM]

RAZIN, E. A. [History of military art] Istoriia voennogo iskusstva. Moskva, Voen. izd-vo M-va oborony SSSR.
Vol. 3. [The art of war during the period of manufacture, the 16th and 17th centuries] Voennoe iskusstvo manufakturnogo perioda voiny XVI - XVII vv. 1961. 733 p.

PART B—PERIODICALS

An asterisk (*) appearing before a periodical title indicates that it is available in full English translation. For publishers of such translated periodicals, their subscription prices, etc., see listing at end of this issue.

1. GENERAL

a. SCHOLARLY JOURNALS

AKADEMIIA NAUK ARMIANSKOI SSR, Erivan. Izvestiia. Obshchestvennye nauki [ACADEMY OF SCIENCES OF THE ARMENIAN S. S. R. Bulletin. Social Sciences]. Erivan, no. 11, Nov. 1961.

AKADEMIIA NAUK AZERBAIDZHANSKOI SSR, Baku. Izvestiia. Seriia fiziko-matematicheskikh i tekhnicheskikh nauk [ACADEMY OF SCIENCES OF THE AZERBAIJAN S. S. R. Bulletin. Series in the Physical, Mathematical, and Technological Sciences]. Baku, no. 5, 1961.

AKADEMIIA NAUK GRUZINSKOI SSR, Tiflis. Soobshcheniia [ACADEMY OF SCIENCES OF THE GEORGIAN S. S. R. Reports]. Tiflis, vol. 27, no. 6, Dec. 1961.

AKADEMIIA NAUK GRUZINSKOI SSR, Tiflis. Soobshcheniia [ACADEMY OF SCIENCES OF THE GEORGIAN S. S. R. Reports]. Tiflis, vol. 28, nos. 1-2, Jan.-Feb. 1962. [In Georgian]

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Vestnik [ACADEMY OF SCIENCES OF THE KAZAKH S. S. R. Journal]. Alma-Ata, vol. 18, no. 1(202), Jan. 1962.

AKADEMIIA NAUK KIRGIZSKOI SSR, Frunze. Izvestiia. Seriia obshchestvennykh nauk [ACADEMY OF SCIENCES OF THE KIRGHIZ S. S. R. Bulletin. Series in the Social Sciences]. Frunze, vol. 3, no. 1, 1961.

AKADEMIIA NAUK SSSR. Vestnik [ACADEMY OF SCIENCES OF THE U. S. S. R. Journal]. Moscow, vol. 32, nos. 2-3, Feb.-Mar. 1962.

AKADEMIIA NAUK SSSR. IAkutskii filial, Yakutsk. Trudy [ACADEMY OF SCIENCES OF THE U. S. S. R. Yakut Branch. Transactions]. Moscow, no. 5, 1961.
Contents: Vikhert, A. V., and others. [Geology and ore potential of the western Verkhoyansk Range] Geologicheskoe stroenie i rudonosnost' Zapadnogo Verkhoian'ia. 210 p.

AKADEMIIA NAUK SSSR. Karel'skii filial, Petrozavodsk. Trudy [ACADEMY OF SCIENCES OF THE U. S. S. R. Karelian Branch. Transactions]. Petrozavodsk, no. 29, 1961.

AKADEMIIA NAUK UZBEKSKOI SSR, Tashkent. Izvestiia. Seriia obshchestvennykh nauk [ACADEMY OF SCIENCES OF THE UZBEK S. S. R. Bulletin. Series in the Social Sciences]. Tashkent, no. 6, 1960.

AKADEMIIA NAUK UZBEKSKOI SSR, Tashkent. Otdelenie obshchestvennykh nauk. Nauchnye raboty i soobshcheniia [ACADEMY OF SCIENCES OF THE UZBEK S. S. R. Department of Social Sciences. Studies and Reports]. Tashkent, vol. 2, 1961.

BAKU. AZERBAIDZHANSKII GOSUDARSTVENNYI UNIVERSITET. Uchenye zapiski. Seriia obshchestvennykh nauk [AZERBAIJAN STATE UNIVERSITY. Studies. Series in the Social Sciences]. No. 2, 1960.

CHEBOKSARY. CHUVASHSKII GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT. Uchenye zapiski [CHUVASH STATE PEDAGOGICAL INSTITUTE. Studies]. No. 12, 1960.
Contents: Maltsev, M. I. [Sociopolitical views of A. S. Pushkin] Problema sotsial'no-politicheskikh vozzrenii A. S. Pushkina. 470 p.

GROZNY. CHECHENO-INGUSHSKII NAUCHNO-ISSLEDOVATEL'SKII INSTITUT ISTORII, IAZYKA I LITERATURY. Izvestiia [CHECHEN-INGUSH RESEARCH INSTITUTE OF HISTORY, LANGUAGE, AND LITERATURE. Bulletin]. Vol. 2, no. 2, 1962.

KHARKOV. UNIVERSITET. Uchenye zapiski [UNIVERSITY. Studies]. Vol. 42, 1952. Trudy Astronomicheskoi observatorii [Transactions of the Astronomical Observatory], vol. 2(10)

LATVIJAS PADOMJU SOCIALISTISKAS REPUBLIKAS ZINATNU AKADEMIJA. Vestis. Izvestiia Akademii nauk Latvitskoi SSR [ACADEMY OF SCIENCES OF THE LATVIAN S. S. R. Bulletin]. Riga, nos. 11(172)-12(173), 1961, no. 1(174), 1962. [In Latvian]

LENINGRAD. UNIVERSITET. Uchenye zapiski [UNIVERSITY. Studies]. No. 298, 1961. Seriia geograficheskikh nauk [Series in the Geographical Sciences], no. 15.

LENINGRAD. UNIVERSITET. Vestnik [UNIVERSITY. Review].
Vol. 17, no. 2, 1962. Seriia istorii, iazyka i literatury [Series in History, Language, and Literature], no. 1.
Vol. 17, no. 3, 1962. Seriia biologii [Series in Biology], no. 1.

MOSCOW. GORODSKOI PEDAGOGICHESKII INSTITUT. Uchenye zapiski [MOSCOW CITY PEDAGOGICAL INSTITUTE. Studies]. Vol. 93, 1959.

MOSCOW. MOSKOVSKII GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT. Uchenye zapiski [MOSCOW STATE PEDAGOGICAL INSTITUTE. Studies]. No. 148, 1960.

MOSCOW. MOSKOVSKII GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT. Uchenye zapiski [MOSCOW STATE PEDAGOGICAL INSTITUTE. Studies]. Vol. 77, 1953. Kafedra organicheskoi i biologicheskoi khimii [Department of Organic and Biological Chemistry], no 7.

OBSHCHESTVENNYE NAUKI V UZBEKISTANE [SOCIAL SCIENCES IN UZBEKISTAN]. Issued by Akademiia nauk Uzbekskoi SSR [Academy of Sciences of the Uzbek S. S. R.]. Tashkent. nos. 2-3, 12, 1961.

ODESSA. UNIVERSYTET. Pratsi [UNIVERSITY. Transactions]. Vol. 150. Seriia suspil'nykh nauk [Series in the Social Sciences], no. 3, 1960.

PETROZAVODSK. KAREL'SKII PEDAGOGICHESKII INSTITUT. Uchenye zapiski [KARELIAN PEDAGOGICAL INSTITUTE. Studies]. Vol. 7, 1958.

SAMARKAND. UZBEKSKII GOSUDARSTVENNYI UNIVERSITET. Trudy [UZBEK STATE UNIVERSITY. Transactions]. No. 101, 1960.

TARTU. ULIKOOL. Toimetised. Uchenye zapiski Tartuskogo gosudarstvennogo universiteta [UNIVETSITY. Studies]. no. 75, 1959; nos. 91, 94, 96, 99, 1960.

TASHKENT. UNIVERSITET. Trudy [UNIVERSITY. Transactions]. No. 170, 1960; no. 172, 1960. Istoricheskie nauki [Historical Sciences], no. 37.

b. POPULAR MAGAZINES

AMERIKA; Illiustrirovannyi zhurnal [AMERICA ILLUSTRATED]. Published by the United States Information Agency, Washington, D. C., no. 66, 1962.

AZIIA I AFRIKA SEGODNIA [ASIA AND AFRICA TODAY]. Issued by Institut narodov Azii and Institut Afriki Akademii nauk SSSR [Institute of the Peoples of Asia and the Institute of Africa of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 2, Feb. 1962.

BARVINOK [PERIWINKLE]. Issued by TSentral'nyi komitet Lenins'koho komunistychnoho soiuzu molodi Ukrainy and Respublikans'ka rada Vsesoiuznoi pioners'koi organizatsii imeni V. I. Lenina [Central Committee of the Ukrainian Communist Youth of Lenin and the Republic Council of the All-Union Lenin Pioneers]. Kiev, no. 3, Mar. 1962.

BELARUS' [WHITE RUSSIA]. Minsk, vol. 19, no. 2(211), Feb. 1962.

BERNIBA [CHILDHOOD]. Issued by Latvijas Lenina komunistiskas jaunatnes savienibas Centrala komiteja and Lenina pioneru organizacijas Latvijas republikas padome [Central Committee of the Lenin Communist Youth League of Latvia and the Republic Council of the Lenin Pioneers of Latvia]. Riga, no. 1, Jan. 1962. [In Latvian]

BIAROZKA [THE LITTLE BIRCH]. Issued by TSentral'ny kamitet Leninskaha komunistychnaha saiuza Moladzi Belarusi and Respublikanki Savet pitanerskai arganizatsyi imia V. I. Lenina [Central Committee of the White Russian Communist Youth League of Lenin and the Republic Council of Lenin Pioneers]. Minsk, vol. 38, no. 2, Feb. 1962.

DADZIS [THISTLE]. Riga, nos. 2(122)-4(124), 1962. [In Latvian]

DRUZHNO VPERED [FORWARD TOGETHER]. Issued by Kul'turna spilka ukrains'kykh trudiashchykh Chekhoslovachchyny [Cultural Association of the Ukrainian Workers of Czechoslovakia]. Presov, vol. 12, no. 2(163), Feb. 1962. [In Ukrainian]

GENYS [WOODPECKER]. Issued by Lietuvos Lenino komjaunimo sajungos Centro komitetas and Respublikine pioneriu taryba [Central Committee of the Lenin Communist Youth League of Lithuania and the Republic Council of Pioneers]. Vilnius, nos. 1(97)-2(98), 1962. [In Lithuanian]

KAPKĂN; Chuvashskii satiricheskii zhurnal [TRAP; Chuvash Satirical Magazine]. Cheboksary, vol. 22, no. 4(397), Feb. 1962 [In Chuvash]

KHORPUSHTAK [HEDGEHOG]. Dushanbe, no. 2(106), Feb. 1962. [In Tajik]

KIPERUSH; zhurnal satiry i iumora [PEPPER; Magazine of Satire and Humor]. Kishinev, no. 4, Feb. 1962 [In Moldavian]

KIRPI [HEDGEHOG]. Baku, nos. 2-3, Jan.-Feb. 1962. [In Azerbaijani]

KITAI [CHINA]. Published by Izdatel'stvo literatury na inostrannykh iazykakh [Publishing House for Literature in Foreign Languages]. Peiping, no. 3, 1962.

KOSTER [CAMP FIRE]. Issued by TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin] and others. Leningrad, no. 2, Feb. 1962.

KROKODIL [CROCODILE]. Issued by gazeta [Newspaper] "Pravda," Moscow, vol. 4, nos. 5(1655), 7(1657) Feb.-Mar. 1962.

KULTUUR JA ELU [CULTURE AND LIFE]. Issued by Eesti NSV Kultuuriministeerium and Eesti NSV Ametiühingute Noukogu [Ministry of Culture of the Estonian S. S. R. and the Council of Trade Unions of the Estonian S. S. R.]. Tallinn, vol. 4, nos. 11-12, Nov.-Dec. 1961, vol. 5, nos. 1-2, Jan.-Feb. 1962. [In Estonian]

LIESMA [FLAME]. Issued by Latvijas LKJS Centrala komiteja [Central Committee of the Lenin Communist Youth League of Latvia]. Riga, nos. 1-2, Jan.-Feb. 1962. [In Latvian]

MOKSLEIVIS [THE STUDENT]. Issued by Lietuvos Lenino komjaunimo sajungos Centro komitetas and LTSR švietimo ministerija [Central Committee of the Lenin Communist Youth League of Lithuania and the Ministry of Education of the Lithuanian S. S. R.]. Vilnius, no. 2, 1962. [In Lithuanian]

MUSHTUM [PUNCH]. Tashkent, vol. 40, no. 5, Mar. 1962. [In Uzbek]

NOORUS [YOUTH]. Issued by Eestimaa Leninliku Kommunistliku Noorsoouhingu Keskkomitee [Central Committee of the Lenin Communist Youth League of Estonia]. Tallinn, no 10, Oct. 1961, vol.17, nos.1(183)-2(184), Jan.-Feb. 1962. [In Estonian]

NARODNAIA RUMYNIA [PEOPLE'S RUMANIA]. Bucharest, no.11, Nov. 1961, no.3, Mar. 1962

NOVOSTI KOREI [NEWS OF KOREA]. Issued by TSentral'noe telegrafnoe agentstvo Korei [Central Telegraph Agency of Korea]. Pyongyang, vol.4, nos.29-30, 33-35, Oct.-Dec. 1961.

OGONEK [THE LITTLE LIGHT]. Moscow, vol 40, nos 7(1808)-8(1809), Feb. 1962.

OTVETY NA VOPROSY TRUDIASHCHIKHSIA [REPLIES TO WORKERS' QUESTIONS]. Moscow, nos 6(127), 8(129), June, Aug. 1961.

PERETS' [PEPPER]. Issued by Vydavnytstvo [Publishing House] "Radians'ka Ukraina." Kiev, vol.22, nos.5(472) - 6(473), Mar. 1962.

PILT JA SONA [PICTURE AND WORD]. Tallinn, vol.17, nos.1(187)-2(188), Jan.-Feb. 1962. [In Estonian]

PIONEER [PIONEER]. Issued by ELKNU Keskkomitee and Eesti NSV Pioneerorganisatsioon Nukogu [Central Committee of the Lenin Communist Youth League of Estonia and the Council of the Pioneers of the Estonian S.S.R.]. Tallinn, vol.20, nos.1(201)-2(202), Jan.-Feb. 1962. [In Estonian]

PIONER [PIONEER]. Erivan, no.2, 1962. [In Armenian]

PIONER [PIONEER]. Issued by the Central Committee of the Turkmenistan Communist Youth League of Lenin. Ashkhabad, no.2, 1962. [In Turkmen]

PIONERIIA [PIONEERS]. Issued by TSentral'nyi komitet Leninskoho komunistychnoho soiuzu molodi Ukrainy and Respublikans'ka Rada Vsesoiuznoi pioners'koi organizatsii imeni V.I. Lenina [Central Committee of the Ukrainian Communist Youth League of Lenin and the Republic Council of the All-Union Lenin Pioneers]. Kiev, vol.39, no.3(460), Mar. 1962.

RABOCHE-KREST'IANSKII KORRESPONDENT [WORKERS' AND PEASANTS' CORRESPONDENT]. Published by Izd-vo [Publishing House] "Pravda." Moscow, no.2, Feb. 1962.

SKYNTEIA LENINISTE [LENINIST SPARK]. Issued by Moldavian Communist Youth League of Lenin. Kishinev, vol.32, nos.1-2, Jan.-Feb. 1962. [In Moldavian]

SLUOTA [THE BROOM]. Issued by Lietuvos komunistu partijos Centro komitetas [Central Committee of the Communist Party of Lithuania]. Vilnius, nos.1(176)-6(181), Jan.-Mar. 1962. [In Lithuanian]

SOVREMENNAIA MONGOLIIA [CONTEMPORARY MONGOLIA]. Ulan Bator, vol.6, no 2(39), Feb. 1961.

SVOBODNOE SLOVO; ezhemesiachnyi karpato-russkii zhurnal [FREE WORD, Carpatho-Russian Monthly]. Newark, no.11/12(35-36), Nov.-Dec. 1961.

SVYTURYS [THE LIGHTHOUSE]. Vilnius, vol.14, nos.4(316)-5(317), Feb.-Mar. 1962. [In Lithuanian]

TOCHIKISTON [TAJIKISTAN]. Dushanbe, vol.7, nos.1-2, Jan.-Feb. 1962. [In Tajik]

UKRAINA [THE UKRAINE]. Published by Vydavnytstvo "Radians'ka Ukrajna" [Publishing House "Soviet Ukraine"]. Kiev, nos.3-4(307)-5(308), Feb.-Mar. 1962.

URAL'SKII SLEDOPYT [URAL PATHFINDER]. Issued by Sverdlovskoe otdelenie Soiuza pisatelei and Sverdlovskii obkom VLKSM [Sverdlovsk Branch of the Association of Writers and the Sverdlovsk Province Committee of the All-Union Communist Youth League of Lenin]. Sverdlovsk, no.1, Jan. 1962.

VOZHYK [HEDGEHOG]. Issued by TSentral'ny kamitet Komunistychnai partyi Belarusi [Central Committee of the Communist Party of White Russia]. Minsk, vol.22, no.1(527), Jan. 1962.

VSESVIT. THE WORLD. Issued by Spilka pys'mennykiv Ukrainy and Ukrains'ke tovarystvo druzhby i kul'turnoho zv'iazku z zarubizhnymy krainamy [Association of Writers of the Ukraine and the Ukrainian Society for Friendship and Cultural Relations with Foreign Countries]. Kiev, vol.5, no.2(44), Feb. 1962.

VYZVOL'NYI SHLIAKH [LIBERATION PATH]. London, vol.9(15), no.2/98, Feb. 1962.

ZA SYNIM OKEANOM [BEYOND THE BLUE OCEAN]. New York, vol.3, no.6, Oct. 1961.

ZHIZN' GLUKHIKH [LIFE OF THE DEAF]. Issued by Vserossiskoe obshchestvo glukhikh [All-Russian Society of the Deaf]. Moscow, vol.15, no 3, Mar. 1962.

ZHIZN' SLEPYKH [LIFE OF THE BLIND]. Organ of TSentral'noe pravlenie Vserossiskogo obshchestva slepykh [Central Administration of the All-Russian Society of the Blind]. Moscow, vol.38, nos.1-3, Jan.-Mar. 1962.

ZVAIGZNE [THE STAR]. Riga, nos.3(277)-5(279), Feb-Mar, 1962. [In Latvian]

2. BIBLIOGRAPHY

a. BIBLIOGRAPHY

INFORMATSIONNYI UKAZATEL' BIBLIOGRAFICHESKIKH SPISKOV I KARTOTEK, SOSTAVLENNYKH BIBLIOTEKAMI SOVETSKOGO SOIUZA [INFORMATION INDEX OF BIBLIOGRAPHICAL LISTS AND CARD FILES, COMPILED BY THE LIBRARIES OF THE SOVIET UNION]. Issued by Gosudarstvennaia biblioteka SSSR [State Library of the U.S.S.R.]. Moscow, no.24, 1961; vol.6, no.1, Jan. 1962.

KNIZHNAIA LETOPIS' [BOOK CHRONICLE]. Issued by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, nos.8-11, 1962, Vspomogatel'nye ukazateli k nos.40-52 za 1961 [Indexes to nos.40-52 for 1961].

LETOPIS' GAZETNYKH STATEI [CHRONICLE OF NEWSPAPER ARTICLES]. Issued by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, no.2, 1962.

MIROVOI TSENTR DANNYKH MGG BI. Bibliograficheskii ukazatel' [IGY WORLD DATA CENTER BI. Bibliography]. Moscow, no.4, pt.1, 1960.

MOSCOW. PUBLICHNAIA BIBLIOTEKA. Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V.I. Lenina. Seriia I: Fiziko-matematicheskie, khimicheskie i geologo-geograficheskie nauki; tekhnika i tekhnicheskie nauki [PUBLIC LIBRARY. Information Bulletin of New Foreign Books, Received by the Lenin Library. Series I: Physical, Mathematical, Chemical, Geological and Geographical Sciences, Technology and Technological Sciences]. Vol.7, no.6, Feb. 1962.

NOVAIA LITERATURA O NAUKE I NAUCHNO-ISSLEDOVATEL'SKOI RABOTE ZA RUBEZHOM [NEW LITERATURE ON SCIENCE AND RESEARCH ABROAD]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no.11, 1961.

NOVAIA LITERATURA PO EVROPEISKIM STRANAM NARODNOI DEMOKRATII: RUMYNIIA [NEW LITERATURE ON EUROPEAN PEOPLE'S DEMOCRACIES: RUMANIA]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no.12, 1961.

NOVAIA LITERATURA PO EVROPEISKIM STRANAM NARODNOI DEMOKRATII I SLAVIANOVEDENIIU: BOLGARIIA [NEW LITERATURE ON EUROPEAN PEOPLE'S DEMOCRACIES AND SLAVIC STUDIES: BULGARIA]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no.12, 1961.

NOVAIA LITERATURA PO EVROPEISKIM STRANAM NARODNOI DEMOKRATII I SLAVIANOVEDENIIU: CHEKHOSLOVAKIIA [NEW LITERATURE ON EUROPEAN PEOPLE'S DEMOCRACIES AND SLAVIC STUDIES: CZECHOSLOVAKIA]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no.12, 1961.

NOVAIA LITERATURA PO EVROPEISKIM STRANAM NARODNOI DEMOKRATII I SLAVIANOVEDENIIU: POL'SHA [NEW LITERATURE ON EUROPEAN PEOPLE'S DEMOCRACIES AND SLAVIC STUDIES: POLAND]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no.12, 1961.

NOVAIA LITERATURA PO IUGOSLAVII [NEW LITERATURE ON YUGOSLAVIA]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no.12, 1961.

NOVYE KNIGI [NEW BOOKS]. Issued by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, nos.9-10, Feb.-Mar. 1962.

NOVYE KNIGI ZA RUBEZHOM. Seriia V: Biologiia, meditsina, sel'skoe khoziaistvo [NEW FOREIGN BOOKS. Series V: Biology, Medicine, Agriculture]. Published by Izdatel'stvo inostrannoi literatury [Publishing House of Foreign Literature]. Moscow, vol.6, no.3, Mar. 1962.

NOVYE KNIGI ZA RUBEZHOM PO OBSHCHESTVENNYM NAUKAM; ekonomika, filosofiia, istoriia, mezhdunarodnye otnosheniia [NEW FOREIGN BOOKS ON THE SOCIAL SCIENCES; Economics, Philosophy, History, International Relations]. Published by Izdatel'stvo inostrannoi literatury [Publishing House of Foreign Literature]. Moscow, vol.5, nos.2-3, Feb.-Mar. 1962.

SVODNYI BIULLETEN' NOVYKH INOSTRANNYKH KNIG, POSTUPIVSHIKH V BIBLIOTEKI SSSR. Seriia A: Estestvennye nauki, meditsina, sel'skoe khoziaistvo, tekhnika [UNION LIST OF NEW FOREIGN BOOKS RECEIVED BY THE LIBRARIES OF THE U.S.S.R. Series A: Natural Sciences, Medicine, Agriculture, Technology]. Moscow, nos.2(30)-3(31), 1956; no.6(61), 1961

SVODNYI BIULLETEN' NOVYKH INOSTRANNYKH KNIG, POSTUPIVSHIKH V BIBLIOTEKI SSSR. Seriia B: Obshchestvennye nauki [UNION LIST OF NEW FOREIGN BOOKS RECEIVED BY THE LIBRARIES OF THE U.S.S.R. Series B: Social Sciences]. Moscow, no.7(57), 1961.

b. LIBRARIES & LIBRARY SCIENCE

BIBLIOTEKAR' [THE LIBRARIAN]. Organ of Ministerstvo kul'tury RSFSR [Ministry of Culture of the R.S.F.S.R.]. Moscow, no.3, Mar. 1962.

BIBLIOTEKI SSSR [LIBRARIES OF THE U.S.S.R.]. Issued by Gosudarstvennaia biblioteka SSSR imeni V.I. Lenina [Lenin State Library of the U.S.S.R.]. Moscow, no.18, 1961.

BIBLIOTEKOVEDENIE I BIBLIOGRAFIIA ZA RUBEZHOM [*LIBRARY SCIENCE AND BIBLIOGRAPHY ABROAD*]. Issued by Gosudarstvennaia biblioteka SSSR imeni V.I. Lenina [Lenin State Library of the U.S.S.R.]. Moscow, no.8, 1961.

MOSCOW. PUBLICHNAIA BIBLIOTEKA. Trudy [PUBLIC LIBRARY. Transactions]. Vol.6, 1961.

c. PRINTING & THE BOOK TRADE

MOSCOW. POLIGRAFICHESKII INSTITUT. Nauchnye trudy [MOSCOW PRINTING INSTITUTE. Studies]. No.12, 1960.

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT POLIGRAFICHESKOI PROMYSHLENNOSTI. Sbornik nauchnykh rabot [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF THE PRINTING INDUSTRY. Collection of Scientific Papers]. No 11, 1960.

SOVETSKAIA KNIZHNAIA TORGOVLIA [SOVIET BOOK TRADE]. Organ of Ministerstvo kul'tury SSSR and TSentral'nyi soiuz potrebitel'skikh obshchestv SSSR [Ministry of Culture of the U.S.S.R. and the Central Union of Consumers Societies of the U.S.S.R.]. Moscow, vol.15, no.1-2, Jan.-Feb. 1962.

3. PHILOSOPHY & RELIGION

a. PHILOSOPHY

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Institut filosofii i prava. *Trudy* [*ACADEMY OF SCIENCES OF THE KAZAKH S.S.R. Institute of Philosophy and Law. Transactions*]. Alma-Ata, vol.5, 1961.

RUSSIA (1923- U S S R) Ministerstvo [illegible]
sredn [illegible] ...ity
vyssh [illegible]
and S[illegible]
Papoi [illegible]
Moscow, vol.5, no.1, 1962.

VOPROSY FILOSOFII [PROBLEMS OF PHILOSOPHY]. Issued by Institut filosofii Akademii nauk SSSR [Institute of Philosophy of the Academy of Sciences of the U.S.S.R.]. Moscow, vol.16, nos.2-3, 1962.

VOPROSY PSIKHOLOGII [PROBLEMS OF PSYCHOLOGY]. Issued by Akademiia pedagogicheskikh nauk RSFSR [Academy of Pedagogical Sciences of the R. S. F. S. R.]. Moscow, no. 4, 1960.

b RELIGION

BELARUSKI KATOLIK. BYELORUSSIAN CATHOLIC. Princeton, vol. 2, no. 2(6), Apr. 1962.

ORTHODOX EASTERN CHURCH, RUSSIAN. Patriarch. Zhurnal Moskovskoi Patriarkhii [Journal of the Moscow Patriarchate]. Moscow, no. 1, Jan. 1962.

RUSSKO-AMERIKANSKII PRAVOSLAVNYI VESTNIK. THE RUSSIAN AMERICAN ORTHODOX MESSENGER. Organ of Mitropolichii okrug Russkoi Pravoslavnoi TSerkvi v Amerike [Metropolitanate of the Russian Orthodox Church in America]. New York, vol. 57, no. 12, Dec. 1961; vol. 58, no. 3, Mar. 1962.

SVITLO. THE LIGHT. Issued by OO. Vasyliiany [The Basilian Fathers]. Toronto, vol. 24, no. 7/8, Jl. -Ag 1961; vol. 25, no. 4(472), Ap. 1962.

UKRAINS'KE PRAVOSLAVNE SLOVO. UKRAINIAN ORTHODOX WORD. Organ of the Ukrainian Orthodox Church of the United States of America. South Bound Brook, N. J., vol. 13, no. 2, Mar. 1962.

VIRA I KUL'TURA. FAITH AND CULTURE. Organ of Ukrains'ke naukove bohoslovs'ke tovarystvo [Ukrainian Theological Society]. Winnipeg, vol. 25, no. 5(101), Mar. 1962.

VOIOVNYCHYI ATEIST [MILITANT ATHEIST]. Issued by Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR [Society for Dissemination of Political and Scientific Knowledge of the Ukrainian S. S. R.]. Kiev, nos. 1-2, Jan. -Feb. 1962.

4. HISTORY

a GENERAL

AKADEMIIA NAUK ARMIANSKOI SSR, Erivan. Istoriko-filologicheskii zhurnal [ACADEMY OF SCIENCES OF THE ARMENIAN S. S. R. Historical and Philological Review]. Erivan, no. 3/4, 1961.

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Institut istorii, arkheologii i etnografii. Trudy [ACADEMY OF SCIENCES OF THE KAZAKH S. S. R. Institute of History, Archaeology, and Ethnography. Transactions]. Alma-Ata, no. 12, 1961.

AKADEMIIA NAUK SSSR. Institut istorii. Srednie veka [ACADEMY OF SCIENCES OF THE U. S. S. R. Institute of History. The Middle Ages]. Moscow, no. 19, 1961.

EVREI I EVREISKII NAROD; sbornik materialov iz sovetskoi ezhednevnoi i periodicheskoi pechati [JEWS AND THE JEWISH PEOPLE; Materials from the Soviet Daily and Periodical Press]. London, vol. 1, no. 1, 1952.

INSTITUT ZUR ERFORSCHUNG DER UdSSR. Materialy i soobshchenila Issledovatel'skogo otdela [INSTITUTE FOR THE STUDY OF THE U. S. S. R. Materials and Reports of the Research Department]. Munich, nos. 28(156)-29(157), Oct. -Nov. 1961.

ISTORICHESKIE ZAPISKI [HISTORICAL RECORDS]. Published by Institut istorii Akademii nauk SSSR [Institute of History of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 70, 1961.

MOSCOW. UNIVERSITET. Vestnik. Seriia 9: Istoriia [UNIVERSITY. Review. Series 9: History]. Vol. 17, no. 2, Mar. -Apr. 1962.

NOVAIA I NOVEISHAIA ISTORIIA [MODERN AND RECENT HISTORY]. Issued by Institut istorii Akademii nauk SSSR [Institute of History of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 1, 1962.

OBSHCHESTVO RUSSKIKH VETERANOV VELIKOI VOINY, San Francisco. Vestnik [SOCIETY OF RUSSIAN VETERANS OF THE GREAT WAR. Herald]. San Francisco, no. 222, Feb. 1962.

PALESTINSKII SBORNIK [PALESTINE REVIEW]. Issued by Rossiiskoe palestinskoe obshchestvo [Russian Palestine Society]. Moscow, no. 8(71), 1961. Contents: Lundin, A. G. [Southern Arabia in the sixth century] IUzhnaia Aravilia v VI veke. 168 p.

PREPODAVANIE ISTORII V SHKOLE [TEACHING HISTORY IN SCHOOLS]. Issued by Ministerstvo prosveshchenila RSFSR [Ministry of Education of the R. S. F. S. R.]. Moscow, vol. 17, no. 2, Mar. -Apr. 1962.

UKRAINS'KYI ISTORYCHNYI ZHURNAL [UKRAINIAN HISTORICAL JOURNAL]. Issued by Instytut istorii Akademii nauk URSR [Institute of History of the Academy of Sciences of the Ukrainian S. S. R.] and others. Kiev, vol 6, nos. 1-2, Jan. -Apr. 1962.

VOENNO-ISTORICHESKII ZHURNAL [MILITARY HISTORY JOURNAL]. Organ of Ministerstvo oborony SSSR [Ministry of Defense of the U. S. S. R.]. Moscow, vol. 3, no. 12, Dec. 1961; vol 4, nos. 2-3, Feb. -Mar. 1962.

VOPROSY ISTORII [PROBLEMS OF HISTORY]. Issued by Otdelenie istoricheskikh nauk Akademii nauk SSSR [Department of History of the Academy of Sciences of the U. S. S. R.]. Moscow, nos. 2-3, Feb. -Mar. 1962.

b ARCHAEOLOGY & ANTIQUITIES

AKADEMIIA NAUK SSSR. Institut arkheologii. Kratkie soobshchenila o dokladakh i polevykh issledovaniiakh [ACADEMY OF SCIENCES OF THE U. S. S. R. Institute of Archaeology. Brief Summaries of Reports and Field Explorations]. Moscow, nos. 82, 84-85, 1961.

SOVETSKAIA ARKHEOLOGIIA [SOVIET ARCHAEOLOGY]. Issued by Institut istorii material'noi kul'tury Akademii nauk SSSR [Institute of History of Cultural Materials of the Academy of Sciences of the U. S. S. R.]. Moscow, vol. 6, no. 1, 1962.

5. SOCIAL SCIENCES

a. COMMERCE

BUKHGALTERSKII UCHET [ACCOUNTING]. Organ of Ministerstvo finansov SSSR [Ministry of Finance of the U. S. S. R.]. Moscow, vol. 19, nos. 1-2, Jan. -Feb. 1962.

KOOPERATOR KAZAKHSTANA [THE COOPERATIVE WORKER OF KAZAKHSTAN]. Issued by Soiuz potrebitel'skikh obshchestv Kazakhskoi SSR [Association of Consumer Societies of the Kazakh S. S. R.]. Alma-Ata, vol. 4, nos. 1-3, 11-12, Jan. -Mar., Nov. -Dec. 1961.

NOVYE TOVARY, informatsionnyi biulleten' [NEW CONSUMER GOODS, Information Bulletin]. Moscow, no. 2, 1962.

TORGOVLIA ZA RUBEZHOM; organizatsiia, novye metody, tekhnika torgovli i massovogo pitaniia [TRADE ABROAD, Organization, New Methods, and Equipment of Trade and Public Food Service]. Moscow, no. 3, 1962.

* VNESHNIAIA TORGOVLIA [FOREIGN TRADE]. Organ of Ministerstvo vneshnei torgovli SSSR [Ministry of Foreign Commerce of the U. S. S. R.]. Moscow, vol. 42, no. 2, 1962.

b ECONOMICS

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Sovet po izucheniiu proizvoditel'nykh sil Kazakhstana. Trudy [ACADEMY OF SCIENCES OF THE KAZAKH S. S. R. Council for the Study of the Productive Forces of Kazakhstan. Transactions]. Alma-Ata, vol. 2, 1961.

AKADEMIIA NAUK TURKMENSKOI SSR, Ashkhabad. Izvestiia. Seriia obshchestvennykh nauk [ACADEMY OF SCIENCES OF THE TURKMEN S. S. R. Bulletin. Series in the Social Sciences]. Ashkhabad, no. 6, 1961.

EKONOMIKA RADIANS'KOI UKRAINY [ECONOMICS OF THE SOVIET UKRAINE]. Issued by Instytut ekonomiky Akademii nauk URSR [Institute of Economics of the Academy of Sciences of the Ukrainian S. S. R.]. Kiev, no. 1, Jan. -Feb. 1961.

EKONOMIKA SOVETSKOI UKRAINY [ECONOMICS OF THE SOVIET UKRAINE]. Issued by Gosplan Soveta Ministrov Ukrainskoi SSR and Institut ekonomiki Akademii nauk URSR [State Planning Commission of the Council of Ministers of the Ukrainian S. S. R. and the Institute of Economics of the Academy of Sciences of the Ukrainian S. S. R.]. Kiev, no. 3, May-June 1961.

EKONOMIKA STROITEL'STVA [ECONOMICS OF CONSTRUCTION]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U. S. S. R. for Construction]. Moscow, no. 2, Feb. 1962.

LIAUDIES UKIS [THE NATIONAL ECONOMY]. Issued by Lietuvos TSR Valstybine plano komisija [State Planning Commission of the Lithuanian S. S. R.] and others. Vilnius, nos. 1(39)-2(40), Jan. -Feb. 1962. [In Lithuanian]

MIROVAIA EKONOMIKA I MEZHDUNARODNYE OTNOSHENIIA [WORLD ECONOMICS AND INTERNATIONAL RELATIONS]. Issued by Institut mirovoi ekonomiki i mezhdunarodnykh otnoshenii Akademii nauk SSSR [Institute of World Economics and International Relations of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 3, Mar., 1962.

MOSCOW. UNIVERSITET. Vestnik. Seriia 8 Ekonomika, filosofiia [UNIVERSITY. Review. Series 8 Economics, Philosophy]. Vol. 17, no. 2, Mar. -Apr. 1962.

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT EKONOMIKI SEL'SKOGO KHOZIAISTVA. Doklady i soobshchenila [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF AGRICULTURAL ECONOMICS. Reports and Papers]. No. 11, 1961.

NARODNOE KHOZIAISTVO KAZAKHSTANA [THE NATIONAL ECONOMY OF KAZAKHSTAN]. Issued by Gosplan Kazakhskoi SSR [State Planning Commission of the Kazakh S. S. R.]. Alma-Ata, vol. 19, no. 12, Dec 1961; vol. 20, nos 1-2, Jan. -Feb. 1962

NARODNOE KHOZIAISTVO UZBEKISTANA [THE NATIONAL ECONOMY OF UZBEKISTAN]. Issued by Gosudarstvennaia planovaia komissiia Soveta Ministrov Uzbekskoi SSR [State Planning Commission of the Council of Ministers of the Uzbek S. S. R.]. Tashkent, vol. 4, no. 2, Feb. 1962.

PLANOVOE KHOZIAISTVO [PLANNED ECONOMY] Issued by Gosekonomsovet SSSR and Gosplan SSSR [State Economic Council of the U. S. S. R. and the State Planning Commission of the U. S. S. R.]. Moscow, vol. 39, no 3, Mar. 1962

REFERATIVNYI SBORNIK: EKONOMIKA PROMYSHLENNOSTI [JOURNAL OF ABSTRACTS: ECONOMICS OF INDUSTRY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, nos. 2-3, Feb-Mar. 1962.

SOVETSKAIA POTREBITEL'SKAIA KOOPERATSIIA [SOVIET CONSUMER COOPERATION]. Issued by TSentral'nyi soiuz potrebitel'skikh obshchestv SSSR [Central Union of Consumers Societies of the U. S. S. R.]. Moscow, vol. 6, no. 2, Feb. 1962.

UCHET I FINANSY V KOLKHOZAKH I SOVKHOZAKH [ACCOUNTING AND FINANCE ON COLLECTIVE AND STATE FARMS]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U. S. S. R.] Moscow, vol. 19, nos. 1-2, Jan. -Feb. 1962.

VESTNIK STATISTIKI [STATISTICAL REVIEW]. Organ of TSentral'noe statisticheskoe upravlenie SSSR [Central Statistical Administration of the U. S. S. R.] Moscow, no. 3, 1962.

c. FINANCE

DEN'GI I KREDIT [MONEY AND CREDIT]. Published by Gosudarstvennyi bank SSSR [U. S. S. R. State Bank]. Moscow, vol. 20, no. 2, Feb. 1962.

FINANSY SSSR [FINANCE OF THE U. S. S. R.]. Issued by Ministerstvo finansov SSSR [Ministry of Finance of the U. S. S. R.]. Moscow, vol. 23, nos. 1-2, Jan. -Feb. 1962.

d. LABOR

BEZOPASNOST' TRUDA V PROMYSHLENNOSTI [INDUSTRIAL SAFETY]. Organ of Komitet po nadzoru za bezopasnym vedeniem rabot v promyshlennosti i gornomu nadzoru pri Sovete Ministrov RSFSR [Committee for Safety Inspection in Industry and Mining Attached to the Council of Ministers of the R. S. F. S. R.]. Moscow, vol. 6, nos. 1-2, Jan. -Feb. 1962.

BIULLETEN' NAUCHNOI INFORMATSII: TRUD I ZARABOTNAIA PLATA [BULLETIN OF SCIENTIFIC INFORMATION; LABOR AND WAGES]. Issued by Nauchno-issledovatel'skii institut truda Gosudarstvennogo komiteta Soveta Ministrov SSSR po voprosam truda i zarabotnoi platy [Labor Scientific Research Institute of the State Committee of the Council of Ministers of the U. S. S. R. for Labor and Wages]. Moscow, vol. 5, nos. 1-2, 1962.

OKHRANA TRUDA I SOTSIAL'NOE STRAKHOVANIE [PROTECTION OF LABOR AND SOCIAL INSURANCE]. Issued by Vsesoiuznyi TSentral'nyi Sovet Professional'nykh Soiuzov [All-Union Central Council of Trade Unions]. Moscow, vol. 5, nos. 1-2, Jan. -Feb. 1962.

RABOTNITSA [THE WOMAN WORKER]. Published by Izd-vo [Publishing House] "Pravda." Moscow, vol. 40, no. 2, Feb. 1962.

RABOTNITSA I SIALIANKA [THE WOMAN WORKER AND THE PEASANT WOMAN] Issued by TSentral'nyi kamitet Komunistychnae partyi Belarusi [Central Committee of the Communist Party of White Russia]. Minsk, vol. 37, nos. 6-7, 12, June-July, Dec. 1961; vol. 38, no 3, Mar. 1962.

SOVETSKIE PROFSOIUZY [SOVIET TRADE UNIONS]. Issued by Vsesoiuznyi TSentral'nyi Sovet Professional'nykh Soiuzov [All-Union Central Council of Trade Unions]. Moscow, vol. 18, no. 1(235), Jan. 1962

VSEMIRNOE PROFSOIUZNOE DVIZHENIE [WORLD TRADE-UNION MOVEMENT]. Organ of Vsemirnaia federatsiia profsoiuzov [World Federation of Trade Unions]. Moscow, no. 1, Jan. 1962.

e SOCIOLOGY

AKADEMIIA NAUK TURKMENSKOI SSR, Ashkhabad Otdel filosofii i prava Trudy [ACADEMY OF SCIENCES OF THE TURKMEN S.S.R. Department of Philosophy and Law. Transactions]. Ashkhabad, vol. 2, 1960.

AZĔRBAĬCHAN GADYNY [AZERBAIJAN WOMAN]. Issued by TSentral'nyi komitet Kommunisticheskoi Partii Azerbaidzhana [Central Committee of the Communist Party of Azerbaijan]. Baku, no. 1, Jan. 1962 [In Azerbaijani]

KAZACH'IA ZHIZN' [COSSACK LIFE]. Issued by Vtoroi otdel Kazach'e-amerikanskogo narodnogo soiuza [Second Division of the Cossack American National Alliance, Inc.], Providence, R.I., vol. 10, no. 108, Feb. 1962.

KAZAKHSTAN ĔIELDERI [KAZAKHSTAN WOMAN]. Alma-Ata, no. 2, Feb. 1962 [In Kazakh]

KLUB [THE CLUB]. Organ of Vsesoiuznyi TSentral'nyi Sovet Professional'nykh Soiuzov [All-Union Central Council of Trade Unions]. Moscow, vol. 11, nos. 1-2 Jan.-Feb. 1962.

KLUBNYI KALENDAR' [COMMUNITY CENTER CALENDAR]. Published by "Sovetskaia Rossiia," Moscow, no. 2, July - Dec. 1961.

KOMSOMOL'SKAIA ZHIZN' [LIFE OF COMMUNIST YOUTH]. Issued by TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, no. 3, Feb. 1962.

KYRGYZSTAN AIALDARY [KIRGHIZISTAN WOMAN]. Frunze, vol. 12, no. 2(94), 1962 [In Kirghiz]

NASH SVIT, OUR WORLD. Published by "Selfreliance," an Association of American Ukrainians, and the Ukrainian Economic Advisory Assoc., Inc. New York, vol. 4(13), nos. 11(102) - 12(103), Jan.-Feb. 1962.

NASHE ZHYTTIA, OUR LIFE. Issued by Soiuz ukrainok Ameryky [Ukrainian National Women's League of America, Inc.]. Philadelphia, vol. 18, no. 5, My. 1961; vol. 19, no. 3, Mar. 1962.

PADOMJU LATVIJAS SIEVIETE [WOMAN OF SOVIET LATVIA]. Issued by Latvijas komunistiskas partijas Centrala komiteja [Central Committee of the Communist Party of Latvia]. Riga, nos. 1(113)-2(114), Jan.-Feb. 1962. [In Latvian]

RADIANS'KA ZHINKA [SOVIET WOMAN]. Issued by Ukrains'ka respublikans'ka rada profesilnykh spilok and Spilka radians'kykh pys'mennykiv Ukrainy [Ukrainian Republican Council of Trade Unions and the Association of Soviet Writers of the Ukraine]. Kiev, vol. 17, no. 2(194), Feb. 1962.

SMENA [THE YOUNGER GENERATION]. Organ of TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, vol. 38, no. 24, Dec. 1961; vol. 39, nos. 1, 3, Jan.-Feb. 1962.

SOTSIAL'NOE OBESPECHENIE [SOCIAL SECURITY]. Issued by Ministerstvo sotsial'nogo obespecheniia RSFSR [Ministry of Social Security of the R.S.F.S.R.]. Moscow, vol. 23, nos. 1-2, Jan.-Feb. 1962.

SOVET TURKMENISTANYNYŃ AIALLARY [SOVIET TURKMENISTAN WOMAN]. Organ of TsK KP Turkmenistana [Central Committee of the Communist Party of Turkmenistan]. Ashkhabad, no. 2, Feb. 1962, [In Turkmen]

SOVETSKAIA ZHENSHCHINA [SOVIET WOMAN]. Organ of Komitet sovetskikh zhenshchin and Vsesoiuznyi TSentral'nyi Sovet Professional'nykh Soiuzov [Committee of Soviet Women and the All-Union Central Council of Trade Unions]. Moscow, vol. 18, no. 3, 1962.

TARYBINE MOTERIS [SOVIET WOMAN]. Issued by Lietuvos komunistu partijos Centro komitetas [Central Committee of the Communist Party of Lithuania]. Vilnius, nos. 1(121)-2(122), Jan.-Feb. 1962. [In Lithuanian]

ŬZBEKISTON KHOTIN-KIZLARI [WOMEN OF UZBEKISTAN]. Tashkent, nos. 1-2, Jan.-Feb. 1962. [In Uzbek]

6. POLITICAL SCIENCE

CHASOVOI [THE SENTRY]. Organ of Rossiiskoe natsional'noe dvizhenie [Russian National Movement]. Brussels, no. 430(3), Mar. 1962.

EESTI KOMMUNIST [COMMUNIST OF ESTONIA]. Issued by Eestimaa Kommunistliku Partei Keskkomitee [Central Committee of the Communist Party of Estonia]. Tallinn, vol. 18, no. 2, Feb. 1962. [In Estonian]

KAMUNIST BELARUSI [COMMUNIST OF WHITE RUSSIA]. Issued by TSentral'ny kamitet Kamunistychnai partyi Belarusi [Central Committee of the Communist Party of White Russia]. Minsk, vol. 36, no. 1, Jan. 1962.

KAZAKSTAN KOMMUNISI [COMMUNIST OF KAZAKHSTAN]. Issued by the Communist Party of Kazakhstan. Alma-Ata, vol. 41, no. 2, Feb. 1962. [In Kazakh]

KOMMUNIST [COMMUNIST]. Issued by TSentral'nyi Komitet Kommunisticheskoi partii Litvy [Central Committee of the Communist Party of Lithuania]. Vilnius, vol. 44, no 2 (452), Feb. 1962.

KOMMUNIST [COMMUNIST]. Organ of TSentral'nyi komitet Kommunisticheskoi partii Sovetskogo Soiuza [Central Committee of the Communist Party of the Soviet Union]. Moscow, vol. 38, no. 4, Mar. 1962.

KOMMUNIST BELORUSSII [COMMUNIST OF WHITE RUSSIA]. Organ of TSentral'nyi komitet Kommunisticheskoi partii Belorussii [Central Committee of the Communist Party of White Russia]. Minsk, vol. 35, no. 6, June 1961, vol. 36, no. 3, Mar. 1962,

KOMMUNIST MOLDAVII [COMMUNIST OF MOLDAVIA]. Issued by TSentral'nyi komitet Kommunisticheskoi partii Moldavii [Central Committee of the Communist Party of Moldavia]. Kishinev, vol. 6, no. 7, July 1961.

KOMMUNISTI ESTONII [COMMUNIST OF ESTONIA]. Issued by TsK Kompartii Estonii [Central Committee of the Communist Party of Estonia]. Tallinn, vol. 18, no. 1, 1962.

KOMMUNISTI TOCHIKISTON [COMMUNIST OF TAJIKISTAN]. Issued by the Central Committee of the Communist Party of Tajikistan. Dushanbe, vol. 27, no. 2, Feb. 1962 [In Tajik]

KOMUNIST UKRAINY [COMMUNIST OF THE UKRAINE]. Issued by TSentral'nyi komitet Komunistychnoi partii Ukrainy [Central Committee of the Communist Party of the Ukraine]. Kiev, vol. 37, no. 2, Feb. 1962. [In Ukrainian]

KUBANS'KYI KRAI [KUBAN REGION]. Toronto, vol. 11, no. 1, 1962.

MEZHDUNARODNAIA ZHIZN' [INTERNATIONAL LIFE]. Published by Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii [All-Union Society for the Dissemination of Political and Scientific Knowledge]. Moscow, vol. 9, nos. 3-4, Mar.-Apr. 1962.

MOSCOW. Ispolnitel'nyi komitet. Biulleten' [Executive Committee. Bulletin]. no. 1(387), Jan. 1962.

NASHI DNI [OUR DAYS]. Frankfurt/Main, no. 8(28), 1961.

NOVOE VREMIA [NEW TIMES]. Moscow, vol. 20, nos. 10(876)-12(878), Mar. 1962.

PADOMJU LATVIJAS KOMUNISTS [COMMUNIST OF SOVIET LATVIA]. Issued by Latvijas komunistiskas partijas Centrala komiteja [Central Committee of the Communist Party of Latvia]. Riga, vol. 17, nos. 10-11 Oct.-Nov. 1961; vol. 17, nos. 1-2, Jan.-Feb. 1962. [In Latvian]

PARTIINAIA ZHIZN' [PARTY LIFE]. Issued by TSentral'nyi komitet Kommunisticheskoi partii Sovetskogo Soiuza [Central Committee of the Communist Party of the Soviet Union]. Moscow, nos. 4-6, 1962.

PARTIINAIA ZHIZN' KAZAKHSTANA [PARTY LIFE OF KAZAKHSTAN]. Issued by TSentral'nyi komitet KP Kazakhstana [Central Committee of the Communist Party of Kazakhstan]. Alma-Ata, vol. 32, no. 2, Feb. 1962.

POLITICHESKOE SAMOOBRAZOVANIE [POLITICAL SELF-EDUCATION]. Issued by TSentral'nyi komitet Kommunisticheskoi partii Sovetskogo Soiuza [Central Committee of the Communist Party of the Soviet Union]. Moscow, vol. 6, no. 2, Feb. 1962.

PROBLEMY MIRA I SOTSIALIZMA [PROBLEMS OF PEACE AND SOCIALISM]. Prague, vol. 5, no. 3(43), Mar. 1962.

RUSSIA (1917- R.S.F.S.R.) Verkhovnyi Sovet. Vedomosti [Supreme Soviet. Gazette]. Moscow, vol. 6, nos. 3(173), 5(175)-10(180) Jan.-Mar. 1962.

RUSSIA (1923- U.S.S.R.) Verkhovnyi Sovet. Vedomosti [Supreme Soviet. Gazette]. Moscow, vol. 25, nos 9(1096)- 13(1100), Mar. 1962.

RUSSKOE DELO. RUSSIAN CAUSE. Issued by Predstavitel'stvo rossiiskikh emigrantov v Amerike [Russian Immigrants' Representative Association in America]. New York, vol. 4, no 3(39), Mar. 1962.

SOVETY DEPUTATOV TRUDIASHCHIKHSIA [SOVIETS OF WORKERS' DEPUTIES]. Issued by gazeta [newspaper] "Izvestiia," Moscow, no. 2, Feb. 1962.

SVOBODA [FREEDOM]. Issued by TSentral'noe ob"edinenie politicheskikh emigrantov iz SSSR [Central Association of Political Refugees from the U.S.S.R.] Munich, vol. 11, nos. 2(116)-3(117), Feb.-Mar. 1962.

ŬZBEKISTON KOMMUNISTI [COMMUNIST OF UZBEKISTAN]. Issued by the Central Committee of the Communist Party of Uzbekistan. Tashkent, vol. 34, no. 2, Feb. 1962. [In Uzbek]

VISNYK. THE HERALD. Organ of Organizatsiia oborony chotyr'okh svobid Ukrainy [Organization for Defense of the Four Freedoms for the Ukraine, Inc.]. New York, vol. 16, no. 3(161), Mar. 1962

VOLIA [FREEDOM]. Organ of Narodno-trudovoi soiuz rossiiskikh solidaristov [National Workingmen's Association of Russian Solidarists]. Frankfurt/Main, vol. 1, no. 10, Dec. 1961.

ZNAMIA ROSSII, Organ russkoi nezavisimoi monarkhicheskoi mysli [THE BANNER OF RUSSIA; Organ of Russian Independent Monarchistic Thought]. New York, no. 219, Mar. 1962.

7. LAW

MOSCOW. UNIVERSITET. Vestnik, Seriia 10: Pravo [UNIVERSITY. Review, Series 10: Law]. Vol. 17, no. 1, Jan.-Mar. 1962.

RADIANS'KE PRAVO [SOVIET LAW]. Organ of Ministerstvo iustytsii URSR [Ministry of Justice of the Ukrainian S.S.R.] and others. Kiev, no. 1, Jan.-Feb. 1962.

RUSSIA (1923- U.S.S.R.) Verkhovnyi Sud. Biulleten' [Supreme Court. Bulletin]. Moscow, no. 6, 1961; no. 1, 1962.

SOTSIALISTICHESKAIA ZAKONNOST' [SOCIALIST LEGALITY]. Organ of Prokuratura SSSR [Attorney General's Office of the U.S.S.R.]. Moscow, vol. 39, no. 2, Feb. 1962.

SOVETSKAIA IUSTITSIIA [SOVIET JUSTICE]. Issued by Ministerstvo iustitsii and Verkhovnyi Sud RSFSR [Ministry of Justice and the Supreme Court of the R.S.F.S.R.]. Moscow, nos. 2-4, Jan.-Feb. 1962.

SOVETSKOE GOSUDARSTVO I PRAVO [SOVIET STATE AND LAW]. Organ of Institut gosudarstva i prava Akademii nauk SSSR [Institute of State and Law of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 2, Feb. 1962.

8. EDUCATION

a. GENERAL

AKADEMIIA PEDAGOGICHESKIKH NAUK RSFSR, Moscow. Doklady [ACADEMY OF PEDAGOGICAL SCIENCES OF THE R.S.F.S.R. Reports]. Moscow, vol. 5, nos. 2-3, 5, 1961.

ASHKHABAD. NAUCHNO-ISSLEDOVATEL'SKII INSTITUT SHKOL. Trudy [SCIENTIFIC RESEARCH INSTITUTE FOR SCHOOLS. Transactions]. No. 2, 1960.

AZĔRBAĬCHAN MĔKTĔBI [AZERBAIJANI SCHOOLS]. Organ of the Ministry of Education of the Azerbaijan S.S.R. Baku, no. 9, Sept. 1961 [In Azerbaijani]

DOSHKOL'NOE VOSPITANIE [PRESCHOOL EDUCATION] Issued by Ministerstvo prosveshchenila RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, vol. 35, no. 2, Feb. 1962.

KAZAKHSTAN MEKTEBI [KAZAKHSTAN SCHOOLS]. Organ of the Ministry of Education of the Kazakh S.S.R. Alma-Ata, vol. 37, no. 1, Jan. 1962 [In Kazakh]

KUL'TURNO-PROSVETITEL'NAIA RABOTA [CULTURAL AND EDUCATIONAL WORK]. Organ of Ministerstvo kul'tury RSFSR [Ministry of Culture of the R.S.F.S.R.]. Moscow, vol. 23, nos. 1-2, Jan.-Feb. 1962.

LITERATURA PO PEDAGOGICHESKIM NAUKAM I NARODNOMU OBRAZOVANIIU [LITERATURE ON THE PEDAGOGICAL SCIENCES AND PUBLIC EDUCATION], Oct.-Dec. 1960, Jan.-June 1961. Issued by Gosudarstvennaia biblioteka po narodnomu obrazovaniiu [State Library of Public Education]. Moscow, no. 4, Oct.-Dec. 1960, nos. 1-2, Jan.-June 1961.

MAKTABI SOVETÎ [SOVIET SCHOOL]. Issued by Ministerstvo prosveshchenila Tadzhikskoi SSR [Ministry of Education of the Tajik S.S.R.]. Dushanbe, vol. 36, nos. 10(366), 12 (368), Oct., Dec., 1961; vol. 37, no. 1(369), Jan. 1962.

NACHAL'NAIA SHKOLA [PRIMARY SCHOOL]. Organ of Ministerstvo prosveshchenila RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, vol. 30, nos. 2-3, Feb.-Mar. 1962.

NARODNAIA ASVETA [PUBLIC EDUCATION]. Organ of Ministerstvo asvety BSSR [Ministry of Education of the White Russian S.S.R.]. Minsk, no. 1, Jan. 1962.

NARODNOE OBRAZOVANIE [PUBLIC EDUCATION]. Issued by Ministerstvo prosveshchenila RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, nos. 2-3, Feb.-Mar. 1962.

NOUKOGUDE KOOL [SOVIET SCHOOL]. Issued by Eesti Noukogude Sotsialistliku Vabariigi Haridusministeerium [Ministry of Education of the Estonian S.S.R.]. Tallinn, vol. 20, no. 3, Mar. 1962. [In Estonian]

PADOMJU LATVIJAS SKOLA [THE SCHOOL IN SOVIET LATVIA]. Issued by LPSR Izglitibas ministrija [*Ministry of Education of the Latvian S.S.R.*]. Riga, no. 12, Dec. 1961; nos. 1-2, Jan.-Feb. 1962. [In Latvian]

RADIANS'KA SHKOLA [SOVIET SCHOOL]. Organ of Ministerstvo osvity Ukrains'koi RSR [Ministry of Education of the Ukrainian S.S.R.]. Kiev, vol. 40, no. 2, Feb. 1962.

RU[illegible]

SEM'IA I SHKOLA [FAMILY AND SCHOOL]. Issued by Akademiia pedagogicheskikh nauk RSFSR [Academy of Pedagogical Sciences of the R.S.F.S.R.]. Moscow, Vol. 17, nos. 1-3, Jan.-Mar. 1962.

SHKOLA I PROIZVODSTVO [SCHOOL AND PRODUCTION]. Issued by Ministerstvo prosveshchenila RSFSR po voprosam trudovogo vospitaniia politekhnicheskogo i proizvodstvennogo obrazovaniia [Ministry of Education of the R.S.F.S.R. on Problems in Labor Training Through the System of Polytechnic and Industrial Education]. Moscow, vol. 6, no. 2, Feb. 1962.

SHKOLA-INTERNAT [BOARDING SCHOOL]. Issued by Ministerstvo prosveshchenila RSFSR [Ministry of Education of the R.S.F.R.S.]. Moscow, no. 1, Jan.-Feb. 1962.

SOVETSKAIA PEDAGOGIKA [SOVIET PEDAGOGY]. Organ of Akademiia pedagogicheskikh nauk RSFSR [Academy of Pedagogical Sciences of the R.S.F.S.R.]. Moscow, vol. 26, nos. 1-2, Jan.-Feb. 1962.

TARYBINE MOKYKLA [SOVIET SCHOOL]. Issued by Lietuvos TSR Svietimo ministerija [Ministry of Education of the Lithuanian S.S.R.]. Vilnius, no. 2, Feb. 1962. [In Lithuanian]

VESTNIK VYSSHEI SHKOLY [REVIEW OF SCHOOLS FOR HIGHER EDUCATION]. Organ of Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia SSSR [Ministry of Higher and Secondary Specialized Education of the U.S.S.R.]. Moscow, vol. 20, no. 3, Mar. 1962.

b. PHYSICAL EDUCATION & GAMES

FIZKUL'TURA I SPORT [PHYSICAL EDUCATION AND SPORTS]. Organ of Soiuz sportivnykh tovarystv i organizatsii URSR [Union of Sports Associations and Organizations of the Ukrainian S.S.R.]. Kiev, *vol. 32*, no. 3, Mar. 1962.

KEHAKULTUUR [PHYSICAL CULTURE]. Organ of Eesti NSV Spordiuhingute ja -organisatsioonide Liit [*Union of Sports Associations* and Organizations of the Estonian S.S.R.]. Tallinn, vol. 23, nos. 4(445)-5(446), *Feb.-Mar. 1962.* [In Estonian]

SHAKHMATNYI BIULLETEN' [CHESS BULLETIN]. Organ of Shakhmatnaia federatsiia SSSR [Chess *Federation of the U.S.S.R.*]. Moscow, vol. 8, no. 2, Feb. 1962.

SHAKHMATY V SSSR [CHESS IN THE U.S.S.R.]. Organ of Shakhmatnaia federatsiia SSSR [Chess Federation *of the U.S.S.R.*]. Moscow, vol. 39, no. 2, Feb. 1962.

SPORTIVNAIA ZHIZN' ROSSII [SPORT LIFE IN RUSSIA]. Organ of Vserossiiskii sovet Soiuza sportivnykh obshchestv i organizatsii RSFSR [All-Russian Council of the Association of Sports Societies and Organizations of the R.S.F.S.R.]. Moscow, vol. 6, no. 1, Jan. 1962.

SPORTIVNYE IGRY [ATHLETIC GAMES]. Organ of TSentral'nyi sovet Soiuza sportivnykh obshchestv i organizatsii SSSR [Central Council of the Association of Sports Societies and Organizations of the U.S.S.R.]. Moscow, vol. 6, no. 2(81), Feb. 1962.

TEORIIA I PRAKTIKA FIZICHESKOI KUL'TURY [THEORY AND PRACTICE OF PHYSICAL CULTURE]. Organ of TSentral'nyi sovet Soiuza sportivnykh obshchestv i organizatsii SSSR [Central Council of the Association of Sports Societies and Organizations of the U.S.S.R.]. Moscow, vol. 24, nos. 8, 10-12, 1961.

9. MUSIC, THEATER & MOTION PICTURES

a. MOTION PICTURES

ISKUSSTVO KINO [CINEMA ART]. Organ of Ministerstvo kul'tury SSSR and Soiuz rabotnikov kinematografii SSSR [Ministry of Culture of the U.S.S.R. and of the Association of Cinematographic Workers of the U.S.S.R.]. Moscow, nos. 1-2, Jan.-Feb. 1962.

KINOMEKHANIK [MOTION-PICTURE OPERATOR]. Organ of Ministerstvo kul'tury SSSR [Ministry of Culture of the U.S.S.R.]. Moscow, no. 2, Feb. 1962.

SOVETSKII EKRAN [THE SOVIET SCREEN]. Published by Izdatel'stvo [Publishing House] "Iskusstvo." Moscow, no. 4(124), Feb. 1962.

TEKHNIKA KINO I TELEVIDENIIA [MOTION-PICTURE AND TELEVISION ENGINEERING]. Organ of Ministerstvo kul'tury SSSR [Ministry of Culture of the U.S.S.R.]. Moscow, vol. 6, no. 2, Feb. 1962.

b. MUSIC

MOSCOW. GOSUDARSTVENNYI MUZYKAL'NO-PEDAGOGICHESKII INSTITUT. Trudy [STATE PEDAGOGICAL INSTITUTE OF MUSIC. Transactions]. No. 2, 1961.

MUZYKAL'NAIA ZHIZN' [MUSICAL LIFE]. Organ of Soiuz kompozitorov SSSR and Ministerstvo kul'tury SSSR [Association of Composers of the U.S.S.R. and the Ministry of Culture of the U.S.S.R.]. Moscow, vol. 5, nos. 3-4, Feb. 1962.

SOVETSKAIA MUZYKA [SOVIET MUSIC]. Organ of Soiuz kompozitorov SSSR and Ministerstvo kul'tury SSSR [Association of Composers of the U.S.S.R. and the Ministry of Culture of the U.S.S.R.]. Moscow, vol. 26, no. 2, Feb. 1962.

c. THEATER

KHUDOZHESTVENNAIA SAMODEIATEL'NOST' [AMATEUR ART ACTIVITIES]. Issued by Vsesoiuznyi TSentral'nyi Sovet Professional'nykh Soiuzov [All-Union Central Council of Trade Unions]. Moscow, vol. 5, no. 3, Mar. 1962.

NA DOPOMOHU KHUDOZHNIA SAMODIIAL'NOSTI; repertuarnyi zbirnyk [A GUIDE FOR ART AMATEURS; Repertorial Collection]. Kiev, no. 1(37), Jan. 1962.

TEATR [THEATER]. Organ of Ministerstvo kul'tury SSSR and Soiuz pisatelei SSSR [Ministry of Culture of the U.S.S.R. and Association of Writers of the U.S.S.R.]. Moscow, vol. 23, no. 2, Feb. 1962.

TEATRAL'NAIA ZHIZN' [LIFE OF THE THEATER]. Organ of Ministerstvo kul'tury RSFSR, Vsesoiuznoe teatral'noe obshchestvo, and Soiuz pisatelei RSFSR [Ministry of Culture of the R.S.F.S.R., All-Russian Theater Society, and the Association of Writers of the R.S.F.S.R.]. Moscow, nos. 1-3, 5-6, Jan.-Mar 1962.

10. FINE ARTS

a. GENERAL

DEKORATIVNOE ISKUSSTVO SSSR [DECORATIVE ART OF THE U.S.S.R.]. Issued by Soiuz khudozhnikov SSSR [Association of Artists of the U.S.S.R.]. Moscow, no. 1(50), Jan. 1962.

ISKUSSTVO [ART]. Organ of Ministerstvo kul'tury SSSR [Ministry of Culture of the U.S.S.R.] and others. Moscow, vol. 25, no. 1, 1962.

KHUDOZHNIK [ARTIST]. Issued by Soiuz khudozhnikov RSFSR [Association of Artists of the R.S.F.S.R.]. Moscow, no. 2, 1962.

MAKSLA [ART]. Issued by Latvijas Padomju makslinieku savieniba [Association of Artists of Soviet Latvia] and others. Riga, no. 4(12), 1961. [In Latvian]

SOVETAKAN ARVEST [SOVIET ART]. Issued by Ministerstvo kul'tury Armianskoi SSR [Ministry of Culture *of the Armenian S.S.R.*]. Erivan, no. 1, 1962. [In Armenian]

TVORCHESTVO [CREATIVE WORK]. Issued by Soiuz khudozhnikov SSSR [Association of Artists of the U.S.S.R.]. Moscow, no. 2(62), 1962.

b. ARCHITECTURE

AKADEMIIA BUDIVNYTSTVA I ARKHITEKTURY URSR. Visnyk [ACADEMY OF CONSTRUCTION AND ARCHITECTURE OF THE UKRAINIAN S.S.R. Journal]. Kiev, no. 4, 1961.

ARKHITEKTURNOE NASLEDSTVO [ARCHITECTURAL HERITAGE]. Issued by Institut teorii i istorii arkhitektury i stroitel'noi tekhniki Akademii stroitel'stva i arkhitektury SSSR [Institute of the Theory and History of Architecture and Construction Engineering of the Academy of Building and Architecture of the U.S.S.R.]. Moscow, vol. 13, 1961.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, stroitel'stvo i arkhitektura [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, *Construction* and Architecture]. Moscow, vol. 4, no. 6, 1961.

STROITEL'STVO
AND AR
komitet
and So
of the
for Co
the U

11. L

KEEL JA KIRJANDUS [LANGUAGE AND LITERATURE]. Issued by Eesti NSV Teaduste Akadeemia and Eesti NSV Kirjanike Liit [Academy of Sciences of the Estonian S.S.R. and the Association of Writers of the Estonian S.S.R.]. Tallinn, vol. 5, nos. 2-3, Feb.-Mar, 1962. [In Estonian]

PREPODAVANIE AZERBAIDZHANSKOGO IAZYKA I LITERATURY; metodicheskii sbornik [TEACHING THE AZERBAIJANI LANGUAGE AND LITERATURE; Methodology]. Supplement to the Magazine "Azerbaidzhan Mektebi." Baku, no. 4, 1961 [In Azerbaijani]

RUSSKII IAZYK V SHKOLE [RUSSIAN LANGUAGE IN *SCHOOLS*]. *Issued by Ministerstvo prosveshchenila* RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, vol. 23, no. 1, Jan.-Feb. 1962.

UKRAINS'KA MOVA V SHKOLI [UKRAINIAN LANGUAGE IN SCHOOLS]. Organ of Ministerstvo osvity URSR [Ministry of Education of the Ukrainian S.S.R.]. Kiev, vol. 12, no. 1, Jan.-Feb. 1962.

b. LITERATURE & FOLKLORE

ALA-TOO; literaturno-khudozhestvennyi i obshchestvenno-politicheskii zhurnal [ALA-TAU; Literary and Socio-political Magazine]. Organ of Soiuz pisatelei Kirgizii and Ministerstvo kul'tury Kirgizskoi SSR [Association of Writers of Kirghizia and the Ministry of Culture of the Kirghiz S. S. R.]. Frunze, vol. 31, nos 1-2, Jan. -Feb. 1962. [In Kirghiz]

ANGARA; literaturno-khudozhestvennyi i obshchestvenno-politicheskii al'manakh [ANGARA; Literary and Socio-political Almanac]. Organ of Irkutskoe otdelenie Soiuza pisatelei RSFSR [Irkutsk Branch of the Association of Writers of the R. S. F S. R.]. Irkutsk, no. 4(49), Oct. -Dec. 1960.

ASHKHABAD, literaturno-khudozhestvennyi i obshchestvenno-politicheskii zhurnal [ASHKHABAD; Literary and Sociopolitical Journal]. Organ of Soiuz pisatelei Turkmenistana [Association of Writers of Turkmenistan]. Ashkhabad, vol. 3, no. 1, 1962.

AZĔRBAĬCHAN [AZERBAIJAN]. Organ of Soiuz pisatelei Azerbaidzhana [Association of Writers of Azerbaijan]. Baku, nos. 1-2, Jan. -Feb. 1962 [In Azerbaijani]

DAL'NII VOSTOK [FAR EAST]. Organ of Khabarovskoe otdelenie Soiuza pisatelei RSFSR [Khabarovsk Branch of the Association of Writers of the R.S.F.S.R.]. Khabarovsk, vol. 29, no. 1, Jan. -Feb. 1962.

DON. Issued by Rostovskoe oblastnoe otdelenie Soiuza pisatelei RSFSR [Rostov Province Branch of the Association of Writers of the R.S.F.S.R.]. Rostov-on-Don, vol. 6, no. 1, Jan. 1962.

GRANI [FRONTIERS]. Published by "Posev." Frankfurt/Main, vol. 16, no. 49, Jan. - June 1961.

IUNOST' [YOUTH]. Issued by Soiuz pisatelei SSSR [Association of Writers of the U. S. S. R.]. Moscow, vol. 8, no. 2, Feb. 1962.

KAROGS [THE BANNER]. Issued by Latvijas padomju rakstnieku savieniba [Association of Writers of Latvia]. Riga, nos. 2-3, Feb. -Mar. 1962. [In Latvian]

LITERATURNAIA ARMENIIA [LITERARY ARMENIA]. Organ of Soiuz pisatelei Armenii [Association of Writers of Armenia]. Erivan, no. 1, Jan. 1962.

LITERATURNYI AZERBAIDZHAN [LITERARY AZERBAIJAN]. Organ of Soiuz pisatelei Azerbaidzhana [Association of Writers of Azerbaijan]. Baku, vol. 20, no. 2, Feb. 1962.

LOOMING [CREATIVE WORK]. Issued by Eesti NSV Kirjanike Liit [Association of Writers of the Estonian S.S.R.]. Tallinn, nos. 1-2, Jan. -Feb. 1962. [In Estonian]

MOLODAIA GVARDIIA; literaturno-khudozhestvennyi i obshchestvenno-politicheskii zhurnal [YOUNG GUARD; Literary and Sociopolitical Magazine], Issued by TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, no. 2, Feb. 1962.

MOSCOW. UNIVERSITET. Vestnik. Seriia 7: Filologiia, zhurnalistika [UNIVERSITY. Review. Series 7: Philology, Journalism]. Vol. 17, no. 1, Jan. -Feb. 1962.

NASH SOVREMENNIK [OUR CONTEMPORARY]. Organ of Soiuz pisatelei RSFSR [Association of Writers of the R. S. F. S. R.]. Moscow no. 1 1962,

eningrad-
n of
rad Branch
nos. 8-11,

Associa-
, R. Kishi-

ERATURO-
N THE
damental'-
demii nauk
ces of the
oscow,

York,

POD"EM [UPSWING]. Issued by Voronezhskoe otdelenie Soiuza pisatelei RSFSR [Voronezh Branch of the Association of Writers of the R. S. F. S. R.]. Voronezh, no. 1, Jan. -Feb. 1962.

POLYMIA [FLAME]. Organ of Soiuz pis'mennikov BSSR [Association of Writers of the White Russian S. S. R.]. Minsk, vol. 40, no. 2, Feb. 1962.

PRAPOR, literaturno-khudozhnii ta hromads'ko-politychnyi zhurnal [BANNER, Literary and Sociopolitical Magazine]. Issued by Spilka pys'mennykiv Ukrainy [Association of Writers of the Ukraine]. Kharkov, no. 1, Jan. 1962.

PROSTOR [WIDE-OPEN SPACES]. Organ of Soiuz pisatelei Kazakhstana [Association of Writers of Kazakhstan]. Alma-Ata, vol. 28, no. 2, Feb. 1962.

RADIANS'KE LITERATUROZNAVSTVO [SOVIET LITERARY REVIEW]. Organ of Instytut literatury im. T. H. Shevchenka Akademii nauk URSR and Spilka pis'mennykiv Ukrainy [Shevchenko Institute of Literature of the Academy of Sciences of the Ukrainian S. S. R. and the Association of Writers of the Ukraine]. Kiev, vol. 6, no. 2, Mar. -Apr. 1962.

SHARK IULDUZI [STAR OF THE EAST]. Organ of the Association of Soviet Writers of Uzbekistan. Tashkent, vol. 30, no. 1, Jan. 1962. [In Uzbek]

SHARKI SURKH [THE RED EAST]. Organ of the Association of Writers of Tajikistan. Dushanbe, no. 1, Jan. 1962. [In Tajik]

SIBIRSKIE OGNI [SIBERIAN LIGHTS]. Organ of Novosibirskoe otdelenie Soiuza pisatelei RSFSR [Novosibirsk Branch of the Association of Writers of the R.S.F.S.R.]. Novosibirsk, vol. 41, nos. 1-2, Jan. - Feb. 1962.

SOVET ĔDĔBIIATY [SOVIET LITERATURE]. Organ of Soiuz pisatelei Tatarii [Association of Writers of Tataria]. Kazan, vol. 40, no. 2, Feb. 1962. [In Tatar]

SOVET ĔDEBIIATY [SOVIET LITERATURE]. Organ of Soiuz sovetskikh pisatelei TSSR [Association of Writers of the Turkmen S. S. R.]. Ashkhabad, no. 2, Feb. 1962. [In Turkmen]

SOVREMENNIK [CONTEMPORARY]. Toronto, no. 4, Oct. 1961.

SUCHASNIST'; literatura, mystetstvo, suspil'ne zhyttia [OUR TIME; Literature, Art, and Social Problems]. Munich, vol. 2, no. 3(15), Mar. 1962.

TĂVAN ATĂL [NATIVE VOLGA]. Issued by the Association of Soviet Writers of Chuvashia. Cheboksary, no. 1, Jan. -Feb 1962. [In Chuvash]

ULUG-KHEM; literaturno-khudozhestvennyi al'manakh [ULUG-KHEM; Literary Almanac]. Issued by Tuvinskoe otdelenie Soiuza pisatelei RSFSR [Tuva Branch of the Association of Writers of the R. S. F. S R.]. Kyzyl, no. 5, 1960.

URAL. Issued by Sverdlovskoe otdelenie Soiuza pisatelei RSFSR [Sverdlovsk Branch of the Association of Writers of the R.S.F.S.R.]. Sverdlovsk, no. 1, Jan. 1962.

ZHOVTEN' [OCTOBER]. Organ of Spilka pys'mennykiv Ukrainy [Association of Writers of the Ukraine]. Lvov, vol. 12, nos. 1-2, Jan. - Feb. 1962.

ZHŬLDYZ [STAR]. Issued by Soiuz sovetskikh pisatelei Kazakhstana [Association of Soviet Writers of Kazakhstan]. Alma-Ata, no. 1, Jan. 1962. [In Kazakh]

ZNAMIA [THE BANNER]. Organ of Soiuz pisatelei SSSR [Association of Writers of the U. S. S. R.]. Moscow, vol. 31, nos. 11-12, Nov. -Dec. 1961.

ZVEZDA VOSTOKA [STAR OF THE EAST]. Organ of Soiuz pisatelei Uzbekistana [Association of Writers of Uzbekistan]. Tashkent, vol. 30, nos. 1-2, Jan. - Feb. 1962.

12. GEOGRAPHY & GEOLOGY

a. ETHNOLOGY

AKADEMIIA NAUK SSSR. Institut etnografii. Kratkie soobshcheniia [ACADEMY OF SCIENCES OF THE U. S. S. R. Institute of Ethnography. Brief Reports]. Moscow, no. 36, 1962.

AKADEMIIA NAUK SSSR. Institut etnografii. Trudy [ACADEMY OF SCIENCES OF THE U. S. S. R. Institute of Ethnography. Transactions]. Moscow, vol. 64, 1961.

Sibirskii etnograficheskii sbornik [Siberian Ethnographic Papers]. no. 3; vol. 66, 1961, vol. 71, 1961 Antropologicheskii sbornik [Anthropological Papers], no. 3

ETNOGRAFICHESKII SBORNIK [ETHNOGRAPHIC PAPAPERS]. Issued by Buriatskii kompleksnyi nauchno-issledovatel'skii institut Sibirskogo otdelentia Akademii nauk SSSR [Buryat Scientific Research Institute of the Siberian Department of the Academy of Sciences of the U. S. S. R.]. Ulan-Ude, no. 1, 1960.

LETOPIS' ZHURNAL'NYKH STATEI [CHRONICLE OF PERIODICAL ARTICLES]. Published by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, nos. 7-11, 1962.

VOPROSY ANTROPOLOGII [PROBLEMS OF ANTHROPOLOGY]. Issued by Institut antropologii Moskovskogo gosudarstvennogo universiteta [Institute of Anthropology of Moscow State University]. Moscow, no. 5, 1960, nos. 6-8, 1961.

b GEOGRAPHY

AKADEMIIA NAUK SSSR. Izvestiia. Seriia geograficheskaia [ACADEMY OF SCIENCES OF THE U. S. S. R. Bulletin. Geographical Series]. Moscow, no. 1, Jan. - Feb. 1962.

AKADEMIIA NAUK SSSR. Institut merzlotovedeniia. Trudy [ACADEMY OF SCIENCES OF THE U. S. S. R. Institute Permafrost. Transactions]. Moscow, vol. 17, 1961.

AKADEMIIA NAUK SSSR. Institut okeanologii. Trudy [ACADEMY OF SCIENCES OF THE U. S. S. R. Institute of Oceanography. Transactions]. Moscow, vols. 45, 53, 1961.

AKADEMIIA NAUK SSSR. Morskoi gidrofizicheskii institut. Trudy [ACADEMY OF SCIENCES OF THE U. S. S. R. Marine Hydrophysical Institute. Transactions] Moscow, vol. 25, 1962.

GEOGRAFICHESKOE OBSHCHESTVO SSSR. Buriatskii filial. Kraevedcheskii sbornik [GEOGRAPHIC SOCIETY OF THE U. S. S. R. Buryat Branch. Regional Studies Papers]. Ulan-Ude, no. 6, 1961.

GEOGRAFIIA V SHKOLE [GEOGRAPHY IN SCHOOLS]. Issued by Ministerstvo prosveshchenia RSFSR [Ministry of Education of the R. S. F. S. R.]. Moscow, vol. 25, no. 2, Mar.-Apr. 1962.

LENINGRAD. ARKTICHESKII I ANTARKTICHESKII NAUCHNO-ISSLEDOVATEL'SKII INSTITUT. Trudy [ARCTIC AND ANTARCTIC SCIENTIFIC RESEARCH INSTITUTE. Transactions]. Vol. 218, 1960.

LENINGRAD. GOSUDARSTVENNYI GIDROLOGICHESKII INSTITUT. Sbornik rabot po gidrologii [STATE HYDROLOGICAL INSTITUTE. Papers on Hydrology]. No. 1, 1959; no. 2, 1961.

LENINGRAD. GOSUDARSTVENNYI GIDROLOGICHESKII INSTITUT. Trudy [STATE HYDROLOGICAL INSTITUTE. Transactions]. No. 88, 1961.

OKEANOLOGIIA [OCEANOLOGY]. Issued by Okeanograficheskaia komissiia Akademii nauk SSSR [Oceanographic Commission of the Academy of Sciences of the U. S. S. R.]. Moscow, vol. 2, no. 1, 1962.

REFERATIVNYI ZHURNAL: GEOGRAFIIA [JOURNAL OF ABSTRACTS: GEOGRAPHY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, nos. 2-3, Feb. -Mar. 1962.

VOKRUG SVETA [AROUND THE WORLD]. Issued by TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, nos. 3-5, Mar. -May, 1961; nos. 1-2, Jan. -Feb. 1962.

VOLOGODSKII KRAI [VOLOGDA REGION]. Issued by Vologodskii otdel Geograficheskogo obshchestva SSSR and Vologodskii oblastnoi kraevedcheskii muzei [Vologda Branch of the Geographic Society of the U. S. S. R. and Vologda Province Museum for Regional Studies]. Vologda, no. 1, 1959.

c. GEOLOGY & PALEONTOLOGY

*AKADEMIIA NAUK SSSR. Izvestiia. Seriia geologicheskaia [ACADEMY OF SCIENCES OF THE U. S. S. R. Bulletin. Geological Series]. Moscow, vol. 20, no. 3, Mar. 1961; vol. 27, no. 3, Mar. 1962.

AKADEMIIA NAUK SSSR. Kamchatskaia vulkanologicheskaia stantsiia. Biulleten' Vulkanologicheskoi stantsii [ACADEMY OF SCIENCES OF THE U. S. S. R. Kamchatka Volcanic Station. Bulletin of the Kamchatka Volcanic Station]. Moscow, no. 31, 1961.

AKADEMIIA NAUK SSSR. Sibirskoe otdelenie. Institut geologii i geofiziki. Trudy [ACADEMY OF SCIENCES OF THE U. S. S. R. Siberian Department. Institute of Geology and Geophysics. Transactions]. No. 1, 1960, no. 11, 1961.

APATITY. SEISMICHESKAIA STANTSIIA. Biulleten' [SEISMIC STATION. Bulletin]. no. 5, July - Dec. 1958.

•GEOKHIMIIA [GEOCHEMISTRY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, no. 9, 1961, no. 1, 1962.

GEOLOGICHNYI ZHURNAL [GEOLOGICAL JOURNAL]. Issued by Viddil khimichnykh i geologichnykh nauk Akademii nauk URSR and Holovne upravlinnia geologii i okhorony nadr pry Radi Ministriv URSR [Department of Chemical and Geological Sciences of the Academy of Sciences of the Ukrainian S. S. R. and Main Administration of the Geology and Conservation of Mineral Resources, Attached to the Council of Ministers of the Ukrainian S. S. R.]. Kiev, vol. 21, no. 1, 1961, vol. 22, no. 1, 1962.

GEOLOGIIA I GEOFIZIKA [GEOLOGY AND GEOPHYSICS]. Issued by Sibirskoe otdelenie Akademii nauk SSSR [Siberian Branch of the Academy of Sciences of the U. S. S. R.]. Novosibirsk, no. 11, 1961.

LENINGRAD. NAUCHNO-ISSLEDOVATEL'SKII INSTITUT GEOLOGII ARKTIKI. Sbornik statei po paleontologii i biostratigrafii [SCIENTIFIC RESEARCH INSTITUTE OF ARCTIC GEOLOGY. Collected Papers on Paleontology and Biostratigraphy]. Nos. 23-24, 1961.

LENINGRAD. VSESOIUZNYI NEFTIANOI NAUCHNO-ISSLEDOVATEL'SKII GEOLOGORAZVEDOCHNYI INSTITUT. Trudy [ALL-UNION PETROLEUM (SCIENTIFIC RESEARCH) GEOLOGICAL PROSPECTING INSTITUTE. Transactions]. No. 181, 1961.

MATERIALY PO MINERALOGII KOL'SKOGO POLUOSTROVA [MATERIALS ON THE MINERALOGY OF THE KOLA PENINSULA]. Issued by Kol'skii filial Akademii nauk SSSR and Kol'skoe otdelenie Vsesoiuznogo mineralogicheskogo obshchestva [Kola Branch of the Academy of Sciences of the U. S. S. R. and the Kola Branch of the All-Union Mineralogical Society]. Kirovsk, vol. 1, 1959.

MINERALOGICHESKII SBORNIK [MINERALOGICAL REVIEW]. Issued by L'vovskoe geologicheskoe obshchestvo [Lvov Geological Society]. Lvov, no. 14, 1960.

MOSCOW. UNIVERSITET. Vestnik. Seriia 4 Geologiia [UNIVERSITY. Review. Series 4: Geology]. Vol. 17, no. 1, Jan. -Feb. 1962.

MOSKOVSKOE OBSHCHESTVO ISPYTATELEI PRIRODY. Biulleten' [MOSCOW NATURALISTS' SOCIETY. Bulletin]. Otdel geologicheskii [Geological Section]. Moscow, vol. 37, no. 1, Jan. -Feb. 1962.

PALEONTOLOGICHESKII ZHURNAL [PALEONTOLOGICAL JOURNAL]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, no. 3, 1961.

PALEONTOLOGIIA I STRATIGRAFIIA BSSR [PALEONTOLOGY AND STRATIGRAPHY OF THE WHITE RUSSIAN S. S. R.]. Issued by Institut geologicheskikh nauk Akademii navuk BSSR [Institute of Geological Sciences of the Academy of Sciences of the White Russian S. S. R.]. Minsk, no. 3, 1961.

REFERATIVNYI ZHURNAL: GEOLOGIIA [JOURNAL OF ABSTRACTS: GEOLOGY] Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 2, Feb. 1962.

SOVETSKAIA GEOLOGIIA [SOVIET GEOLOGY]. Issued by Ministerstvo geologii i okhrany nedr SSSR [Ministry of Geology and the Conservation of Mineral Resources of the U. S. S. R.]. Moscow, vol. 4, no. 12, Dec. 1961; vol. 5, nos. 1-2, Jan. -Feb. 1962.

VOPROSY GIDROGEOLOGII I INZHENERNOI GEOLOGII [PROBLEMS OF HYDROGEOLOGY AND ENGINEERING GEOLOGY]. Issued by Vsesoiuznyi nauchno-issledovatel'skii institut gidrogeologii i inzhenernoi geologii [All-Union Scientific Research Institute of Hydrogeology and Engineering Geology]. Moscow, no. 19, 1961.

VSESOIUZNOE MINERALOGICHESKOE OBSHCHESTVO. Zapiski [ALL-UNION MINERALOGICAL SOCIETY. Records]. Moscow, vol. 90, no. 6, 1961.

13. SCIENCE

a. GENERAL

AKADEMIIA NAUK ARMIANSKOI SSR, Erivan. Doklady [ACADEMY OF SCIENCES OF THE ARMENIAN S. S. R. Reports]. Erivan, vol. 33, no. 5, 1961.

AKADEMIIA NAUK ARMIANSKOI SSR, Erivan. Izvestiia. Seriia fiziko-matematicheskikh nauk [ACADEMY OF SCIENCES OF THE ARMENIAN S. S. R. Bulletin. Series in Physical and Mathematical Sciences]. Erivan vol. 15, no. 1, 1962.

AKADEMIIA NAUK AZERBAIDZHANSKOI SSR, Baku. Doklady [ACADEMY OF SCIENCES OF THE AZERBAIJAN S. S. R. Reports]. Baku, vol. 17, nos. 11-12, 1961.

*AKADEMIIA NAUK SSSR. Doklady [ACADEMY OF SCIENCES OF THE U. S. S. R. Reports]. Moscow, vol. 140, no. 5, Oct. 1961, vol. 142, nos. 2, 4-6, Jan. - Feb. 1962, vol. 143, no. 1, Mar. 1962.

AKADEMIIA NAUK SSSR. Institut istorii estestvoznaniia i tekhniki. Trudy [ACADEMY OF SCIENCES OF THE U. S. S. R. Institute of the History of Natural Sciences and Technology. Transactions]. Moscow, vol. 41, 1961. Iz istorii biologicheskikh nauk [From the History of the Biological Sciences], no. 10.

AKADEMIIA NAUK URSR. Kiev. Dopovidi [ACADEMY OF SCIENCES OF THE UKRAINIAN S. S. R. Reports]. Kiev, nos. 2-3, 5, 1947; nos. 1-2, 1962.

AKADEMIIA NAVUK BSSR, Minsk. Doklady [ACADEMY OF SCIENCES OF THE WHITE RUSSIAN S. S. R. Reports]. Minsk, vol. 6, nos. 1-2, Jan. -Feb. 1962.

EESTI LOODUS [ESTONIAN NATURE]. Issued by Eesti NSV Teaduste akadeemia [Academy of Sciences of the Estonian S. S. R.]. Tallinn, no. 1, Jan. -Feb. 1962. [In Estonian]

MIR NAUKI [SCIENTIFIC WORLD]. Issued by the World Federation of Scientific Workers. London, vol. 5, no. 4, 1961.

MOKSLAS IR GYVENIMAS [SCIENCE AND LIFE]. Issued by Lietuvos TSR Politiniu ir moksliniu ziniu skleidimo draugija [Society for Dissemination of Political and Scientific Knowledge of the Lithuanian S. S. R.]. Vilnius, nos. 1(52)-2(53), Jan. -Feb. 1962. [In Lithuanian]

NAUKA I ZHIZN' [SCIENCE AND LIFE]. Issued by Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii [All-Union Society for Dissemination of Political and Scientific Knowledge]. Moscow, vol. 28, no. 12, Dec. 1961.

NAUKA I ZHYTTIA [SCIENCE AND LIFE]. Published by Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR [Society for Dissemination of Political and Scientific Knowledge of the Ukrainian S. S. R.]. Kiev, vol. 11, no. 12(129), Dec. 1961, vol. 12, no. 1(130), Jan. 1962.

OKHRANA PRIRODY MOLDAVII [CONSERVATION IN MOLDAVIA]. Issued by Komissiia po okhrane pr'rody Moldavskogo filiala Akademii nauk SSSR [Committee on Conservation of the Moldavian Branch of the Academy of Sciences of the U. S. S. R.]. Kishinev, no. 1, 1960.

PRIRODA [NATURE]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 51, no. 2, Feb. 1962.

ZNANNIA TA PRATSIA [KNOWLEDGE AND WORK] Issued by TSentral'nyi komitet Leninskoho komunistychnoho soiuza molodi Ukrainy [Central Committee of the Ukrainian Communist Youth League of Lenin]. Kiev, no. 2(264), Feb. 1962.

b. ASTRONOMY

AKADEMIIA NAUK SSSR. Institut teoreticheskoi astronomii. Rezul'taty nabliudenii amerikanskikh iskusstvennykh sputnikov Zemli [ACADEMY OF SCIENCES OF THE U. S. S. R. Institute of Theoretical Astronomy. Results of Observations of American Artificial Earth Satellites]. Moscow, nos. 1-7, 1961.

AKADEMIIA NAUK SSSR. Institut teoreticheskoi astronomii. Rezul'taty nabliudenii sovetskikh iskusstvennykh sputnikov Zemli [ACADEMY OF SCIENCES OF THE U. S. S. R. Institute of Theoretical Astronomy. Results of Observations of Soviet Artificial Earth Satellites]. Moscow, nos. 41-43, 1961.

AKADEMIIA NAUK SSSR. Institut teoreticheskoi astronomii. Trudy [ACADEMY OF SCIENCES OF THE U. S. S. R. Institute of Theoretical Astronomy Transactions]. Leningrad, no. 7, 1961.

*ASTRONOMICHESKII ZHURNAL [ASTRONOMICAL JOURNAL]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 39, no. 1, Jan. -Feb. 1962.

LVOV. UNIVERSYTET. Astronomichna observatoriia. TSirkuliar [UNIVERSITY. Astronomical Observatory. Circular]. no. 28, 1954, no. 29, 1955.

REFERATIVNYI ZHURNAL: ASTRONOMIIA I GEODEZIIA [JOURNAL OF ABSTRACTS: ASTRONOMY AND GEODESY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 2, Feb. 1962.

c. BIOLOGY

AKADEMIIA NAUK ARMIANSKOI SSR, Erivan. Izvestiia. Biologicheskie nauki [ACADEMY OF SCIENCES OF THE ARMENIAN S. S. R. Bulletin. Biological Sciences]. Erivan, vol. 15, no. 1, Jan. 1962.

AKADEMIIA NAUK GRUZINSKOI SSR, Tiflis. Institut fiziologii. Trudy [ACADEMY OF SCIENCES OF THE GEORGIAN S. S. R. Institute of Physiology. Transactions]. Tiflis, vol. 12, 1961.

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Izvestiia. Seriia botaniki i pochvovedeniia [ACADEMY OF SCIENCES OF THE KAZAKH S. S. R. Bulletin. Series in Botany and Soil Science]. Alma-Ata, no. 2, 1961.

AKADEMIIA NAUK SSSR. Botanicheskii institut. Flora SSSR [ACADEMY OF SCIENCES OF THE U. S. S. R. Botanical Institute. Flora of the U. S. S. R.]. Moscow, vol. 26, 1961.
Contents [Flora of the U. S. S. R.] Flora SSSR. 938 p.

AKADEMIIA NAUK SSSR. Botanicheskii institut. Trudy [ACADEMY OF SCIENCES OF THE U. S. S. R. Botanical Institute Transactions. Ser. 5. Rastitel'noe syr'e [Plant Resources], no. 10; Ser. 7. Morfologiia i anatomiia rastenii [Plant Morphology and Anatomy], no. 5. Moscow, 1962.

AKADEMIIA NAUK SSSR. Ural'skii filial, Sverdlovsk. Institut biologii. Trudy [ACADEMY OF SCIENCES OF THE U. S. S. R. Ural Branch. Institute of Biology. Transactions]. Sverdlovsk, no. 23, 1961.

AKADEMIIA NAUK URSR. Kiev. Naukovo-pryrodoznavchnyi muzei Naukovi zapysky [ACADEMY OF SCIENCES OF THE UKRAINIAN S. S. R. Scientific Museum of Natural History. Studies]. Kiev, vol. 9, 1961.

ARKHIV ANATOMII, GISTOLOGII I EMBRIOLOGII [ARCHIVES OF ANATOMY, HISTOLOGY, AND EMBRYOLOGY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 40, no. 6, June 1961, vol. 42, no. 1, Jan. 1962.

BAKU. ESTESTVENNO-ISTORICHESKII MUZEI. Trudy [NATURAL HISTORY MUSEUM. Transactions], No. 5, 1952; no. 6, 1953.

BIOLOGIIA V SHKOLE [BIOLOGY IN SCHOOLS]. Organ of Ministerstvo prosveshchenila RSFSR [Ministry of Education of the R. S. F. S. R.]. Moscow, no. 2, Mar. - Apr. 1962.

BOTANICHESKII ZHURNAL [BOTANICAL JOURNAL]. Organ of Vsesoiuznoe botanicheskoe obshchestvo [All-Union Botanical Society]. Moscow, vol. 46, no. 11, Nov. 1961; vol. 47, no. 1, Jan. 1962.

FIZIOLOGICHESKII ZHURNAL SSSR [PHYSIOLOGICAL JOURNAL OF THE U. S. S. R.]. Issued by Vsesoiuznoe fiziologicheskoe obshchestvo [All-Union Physiological Society]. Moscow, vol. 48, nos. 1-2, Jan. - Feb. 1962.

FIZIOLOGICHNYI ZHURNAL [PHYSIOLOGICAL JOURNAL [Issued by Instytut fiziologii Akademii nauk URSR [Institute of Physiology of the Academy of Sciences of the Ukrainian S. S. R.]. Kiev, vol. 8, no. 1, Jan. -Feb. 1962.

MOSCOW. GLAVNYI BOTANICHESKII SAD, Biulleten' [MAIN BOTANICAL GARDEN. Bulletin]. Nos. 43-44, 1961.

OPREDELITELI PO FAUNE SSSR [GUIDES TO THE FAUNA OF THE U. S. S. R.]. Published by Zoologicheskii institut Akademii nauk SSSR [Institute of Zoology of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 75, 1961.
Contents: Naumov, D. V. [Scyphomedusae in the seas of the U. S. S. R.] Stsifoidnye meduzy morei SSSR. 97 p.

RADIOBIOLOGIIA [RADIOBIOLOGY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 1, no 6, 1961

REFERATIVNYI ZHURNAL: BIOLOGIIA [JOURNAL OF ABSTRACTS: BIOLOGY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.] Moscow, nos. 3-5, Feb.-Mar. 1962

REFERATIVNYI ZHURNAL: KHIMIIA; BIOLOGICHESKAIA KHIMIIA [JOURNAL OF ABSTRACTS: CHEMISTRY; BIOLOGICAL CHEMISTRY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R. Moscow, nos. 1-2, Jan. 1962.

UZBEKSKII BIOLOGICHESKII ZHURNAL [UZBEK BIOLOGICAL JOURNAL]. Issued by Akademiia nauk Uzbekskoi SSR [Academy of Sciences of the Uzbek S.S.R.]. Tashkent, no 6, 1961.

VOPROSY PITANIIA [PROBLEMS OF NUTRITION]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 21, no. 1, Jan.-Feb 1962. (DNLM)

*VOPROSY VIRUSOLOGII [PROBLEMS OF VIROLOGY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 6, no. 6, Nov.-Dec. 1961.

d CHEMISTRY

*AKADEMIIA NAUK SSSR. Izvestiia. Otdelenie khimicheskikh nauk [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin. Department of Chemical Sciences]. Moscow, no. 2, Feb 1962.

AKADEMIIA NAUK SSSR. Ural'skii filial, Sverdlovsk. Institut elektrokhimii. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R Ural Branch. Institute of Electrochemistry. Transactions]. Sverdlovsk, no. 1, 1960.

GIDROKHIMICHESKIE MATERIALY [MATERIALS IN HYDROCHEMISTRY]. Issued by Gidrokhimicheskii institut (Novocherkassk) Akademii nauk SSSR [Hydrochemical Institute (in Novocherkassk) of the Academy of Sciences of the U.S.S.R.] Moscow, vol. 34, 1961.

REFERATIVNYI ZHURNAL: KHIMIIA [JOURNAL OF ABSTRACTS: CHEMISTRY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 2, Feb. 1962. Ukazateli za 1959 g. [Indexes for 1959], vol. 4, avtorskii ukazatel' [Author Index] O-Z.

ZHIDKOFAZNOE OKISLENIE NEPREDEL'NYKH ORGANICHESKIKH SOEDINENII [LIQUID-PHASE OXIDATION OF UNSATURATED ORGANIC COMPOUNDS]. Minsk, no. 1, 1961. [MICROFILM]

*ZHURNAL ANALITICHESKOI KHIMII [JOURNAL OF ANALYTICAL CHEMISTRY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 17, no. 1, Jan.-Feb. 1962.

*ZHURNAL OBSHCHEI KHIMII [JOURNAL OF GENERAL CHEMISTRY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.] Moscow, vol. 31(93), no. 12, Dec. 1961, vol 32(94), no 1, Jan. 1962. Ukazatel' [Index], vol. 31, 1961; vol 32, no. 2, Feb. 1962.

e MATHEMATICS

AKADEMIIA NAUK SSSR. Izvestiia. Seriia matematicheskaia [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin. Mathematical Series]. Moscow, vol. 26, no. 1, Jan.-Feb. 1962.

AKADEMIIA NAUK SSSR. Institut nauchnoi informatsii. Otdel mekhanizatsii i avtomatizatsii informatsionnykh rabot. Soobshcheniia [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Scientific Information. Department of the Mechanization and Automation of Information Service. Reports]. Moscow, no. 2, 1961. Lingvisticheskie issledovaniia po mashinnomu perevodu [Linguistic Studies on Machine Translation]

AKADEMIIA NAUK SSSR. Laboratoriia elektromodelirovaniia. Soobshcheniia [ACADEMY OF SCIENCES OF THE U.S.S.R. Electric Modeling Laboratory. Reports]. Moscow, no. 1, 1960.

AKADEMIIA NAUK SSSR. Vychislitel'nyi tsentr. Standartnye programmy BESM-2 [ACADEMY OF SCIENCES OF THE U.S.S.R. Computation Center. Standard Programs for the BESM-2]. Moscow, no. 3, 1961.

ISSLEDOVANIIA PO INTEGRO-DIFFERENTSIAL'NYM URAVNENIIAM V KIRGIZII [STUDIES ON INTEGRO-DIFFERENTIAL EQUATIONS IN KIRGHIZIA]. Issued by Institut fiziki, matematiki i mekhaniki Akademii nauk Kirgizskoi SSR [Institute of Physics, Mathematics and Mechanics of the Academy of Sciences of the Kirghiz S.S.R.]. Frunze, no. 1, 1961.

REFERATIVNYI ZHURNAL: MATEMATIKA [JOURNAL OF ABSTRACTS: MATHEMATICS]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 1-2, Jan.-Feb. 1962.

ZBIRNYK PRATS' Z OBCHYSLIUVAL'NOI MATEMATYKY I TEKHNIKY [PAPERS ON COMPUTER MATHEMATICS AND ENGINEERING]. Issued by Obchyslival'nyi tsentr Akademii nauk URSR [Computation Center of the Academy of Sciences of the Ukrainian S.S.R.]. Kiev. vols. 2-3, 1961.

f PHYSICS

*AKADEMIIA NAUK SSSR. Izvestiia. Seriia fizicheskaia [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin. Physical Series]. Moscow, vol. 26, nos. 1, 3, Jan., Mar. 1962.

*AKADEMIIA NAUK SSSR. Izvestiia. Seriia geofizicheskaia [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin. Geophysical Series]. Moscow, nos. 1-3, Jan.-Mar. 1962.

AKADEMIIA NAUK SSSR. Fizicheskii institut. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Physics. Transactions]. Moscow, vol. 16, 1961.

AKADEMIIA NAUK SSSR. Institut fiziki Zemli Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Physics of the Earth Transactions]. Moscow, no 18(185), 1961. Issledovaniia po morskoi eksperimental'noi gravimetrii [Research in Experimental Maritime Gravimetry]

AKADEMIIA NAUK TURKMENSKOI SSR. Ashkhabad. Fiziko-tekhnicheskii institut. Trudy [ACADEMY OF SCIENCES OF THE TURKMEN S.S.R. Institut of Physics and Technology. Transactions]. Ashkhabad, vol. 7, 1961.

ALMA-ATA. KAZAKHSKII NAUCHNO-ISSLEDOVATEL'SKII GIDROMETEOROLOGICHESKII INSTITUT. Trudy [KAZAKH SCIENTIFIC RESEARCH HYDROMETEOROLOGICAL INSTITUTE. Transactions]. Leningrad, no. 14, 1961.

EESTI NSV TEADUSTE AKADEEMIA. Füusika ja astronoomia Instituut. Uurimused. Trudy Instituta fiziki i astronomii Akademii nauk Estonskoi SSR [ACADEMY OF SCIENCES OF THE ESTONIAN S.S.R. Institute of Physics and Astronomy. Transactions]. Tartu, nos. 15-17, 1961.

*FIZIKA TVERDOGO TELA [SOLID STATE PHYSICS]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 4, nos. 1-2 Jan.-Feb. 1962.

GEOMAGNETIZM I AERONOMIIA [GEOMAGNETISM AND AERONOMY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 1, no. 6, Nov.-Dec. 1961.

ISSLEDOVANIIA PO UPRUGOSTI I PLASTICHNOSTI [STUDIES ON ELASTICITY AND PLASTICITY]. Issued by Matematiko-mekhanicheskii fakul'tet Leningradskogo gosudarstvennogo universiteta [Faculty of Mathematics and Mechanics of Leningrad State University]. Leningrad, no. 1, 1961.

KIEV. UKRAINSKII NAUCHNO-ISSLEDOVATEL'SKII GIDROMETEOROLOGICHESKII INSTITUT. Trudy [UKRAINIAN SCIENTIFIC RESEARCH HYDROMETEOROLOGICAL INSTITUTE. Transactions]. Nos. 26, 29, 1961.

*KRISTALLOGRAFIIA [CRYSTALLOGRAPHY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 7, no. 1, Jan.-Feb. 1962.

METEOROLOGIIA I GIDROLOGIIA [METEOROLOGY AND HYDROLOGY]. Issued by Glavnoe upravlenie gidrometeorologicheskoi sluzhby pri Sovete Ministrov SSSR [Main Administration of Hydrometeorological Service, Attached to the Council of Ministers of the U.S.S.R.]. Leningrad, no. 2, Feb. 1962.

MOSCOW. UNIVERSITET. Vestnik. Seriia 3 Fizika, astronomiia [UNIVERSITY. Review. Series 3: Physics, Astronomy]. Vol. 17, no. 1, Jan.-Feb. 1962.

*OPTIKA I SPEKTROSKOPIIA [OPTICS AND SPECTROSCOPY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 12, nos. 1-2, Jan.-Feb. 1962.

REFERATIVNYI ZHURNAL: FIZIKA [JOURNAL OF ABSTRACTS: PHYSICS]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.] Moscow, no. 2, Feb. 1962.

REFERATIVNYI ZHURNAL: GEOFIZIKA [JOURNAL OF ABSTRACTS: GEOPHYSICS]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 1-2, Jan.-Feb. 1962.

*REFERATIVNYI ZHURNAL: MEKHANIKA [JOURNAL OF ABSTRACTS: MECHANICS]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 2, Feb. 1962

*USPEKHI FIZICHESKIKH NAUK [PROGRESS IN THE PHYSICAL SCIENCES]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 76, nos. 1-2, Jan.-Feb. 1962.

*ZHURNAL EKSPERIMENTAL'NOI I TEORETICHESKOI FIZIKI [JOURNAL OF EXPERIMENTAL AND THEORETICAL PHYSICS]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 42, no. 2, Feb. 1962.

14. MEDICINE

a. GENERAL

AKADEMIIA MEDITSINSKIKH NAUK SSSR, Moscow. Vestnik [ACADEMY OF MEDICAL SCIENCES OF THE U.S.S.R. Journal]. Moscow, vol. 16, nos. 11-12, 1961.

AZERBAICHAN TIBB ZHURNALY. AZERBAIDZHANSKII MEDITSINSKII ZHURNAL [AZERBAIJAN MEDICAL JOURNAL]. Issued by Azerbaichan SSR Sehlile nazirliji [Azerbaijan Ministry of Health]. Baku, nos. 8, 11, Aug., Nov. 1961.

KAZANSKII MEDITSINSKII ZHURNAL [KAZAN MEDICAL JOURNAL]. Organ of Ministerstvo zdravookhraneniia Tatarskoi ASSR and Sovet nauchnykh meditsinskikh obshchestv [Ministry of Health of the Tatar A.S.S.R. and the Council of Medical Societies]. Kazan, nos. 4, 6, July-Aug., Nov.-Dec. 1961.

MEDITSINSKII ZHURNAL UZBEKISTANA [MEDICAL JOURNAL OF UZBEKISTAN]. Issued by Ministerstvo zdravookhraneniia and Akademiia nauk UzSSR [Ministry of Health of the Uzbek S.S.R. and the Academy of Sciences of the Uzbek S.S.R.]. Tashkent, nos. 2-3, 6, Feb.-Mar., June 1960; nos. 9, 11-12, Sep., Nov.-Dec. 1961.

PROBLEMY TUBERKULEZA [PROBLEMS OF TUBERCULOSIS]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, no. 2, 1962. (DNLM)

SOVETSKAIA MEDITSINA [SOVIET MEDICINE]. Organ of Ministerstvo zdravookhraneniia RSFSR [Ministry of Health of the R.S.F.S.R.]. Moscow, vol. 25, no. 12, Dec. 1961.

SOVETSKOE ZDRAVOOKHRANENIE [SOVIET HEALTH SERVICE]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 21, no. 1, 1962. (DNLM)

VESELIBA [HEALTH]. Issued by Latvijas PSR Veselibas aizsardzibas ministrija [Ministry of Health of the Latvian S.S.R.]. Riga, nos. 1(44)-2(45), Jan.-Feb. 1962. [In Latvian]

VESTNIK RENTGENOLOGII I RADIOLOGII [REVIEW OF ROENTGENOLOGY AND RADIOLOGY]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 36, nos. 4, 6, July-Aug, Nov.-Dec. 1961.

*VOENNO-MEDITSINSKII ZHURNAL [JOURNAL OF MILITARY MEDICINE]. Issued by Voenno-meditsinskoe upravlenie Ministerstva oborony SSSR [Military Medicine Administration of the Ministry of Defense of the U.S.S.R.]. Moscow, no. 8, Aug. 1961.

*VOPROSY ONKOLOGII [PROBLEMS OF ONCOLOGY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol 7, no. 7, 1961, vol. 8, nos. 1-2, Jan. 1962. (DNLM)

VRACHEBNOE DELO [MEDICAL PRACTICE]. Organ of Ministerstvo zdravookhraneniia USSR [Ministry of Health of the Ukrainian S. S. R.]. Kiev, no. 1, Jan. 1962.

ZDRAVOOKHRANENIE [HEALTH SERVICE]. Organ of Ministerstvo zdravookhraneniia Moldavskoi SSR [Ministry of Health of the Moldavian S. S. R.]. Kishinev, vol. 4, no. 6, Nov.-Dec. 1961.

ZDRAVOOKHRANENIE BELORUSSII [HEALTH SERVICE OF WHITE RUSSIA]. Organ of Ministerstvo zdravookhraneniia BSSR [Ministry of Health of the White Russian S. S. R.]. Minsk, vol. 7, nos. 6, 8, 12, June, Aug., Dec. 1961.

ZDRAVOOKHRANENIE KAZAKHSTANA [HEALTH SERVICE OF KAZAKHSTAN]. Issued by Ministerstvo zdravookhraneniia Kazakhskoi SSR [Ministry of Health of the Kazakh S. S. R.]. Alma-Ata, vol. 21, nos. 5-6, 10, 1961. (DNLM)

ZDRAVOOKHRANENIE TURKMENISTANA [HEALTH SERVICE OF TURKMENISTAN]. Organ of Ministerstvo zdravookhraneniia TSSR [Ministry of Health of the Turkmen S. S. R.]. Ashkhabad, vol. 5, no. 6(30), Nov.-Dec. 1961.

*ZHURNAL MIKROBIOLOGII, EPIDEMIOLOGII I IMMUNOBIOLOGII [JOURNAL OF MICROBIOLOGY, EPIDEMIOLOGY, AND IMMUNOBIOLOGY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 32, no. 9, Sep. 1961.

c. NEUROLOGY & PSYCHIATRY

*AKADEMIIA NAUK SSSR. Institut vysshei nervnoi deiatel'nosti. Trudy. Seriia patofiziologicheskaia [ACADEMY OF SCIENCES OF THE U. S. S. R. Institute of the Higher Nervous Function. Transactions. Pathophysiological Series.]. Moscow, vol. 8, 1961. (DNLM)

PROBLEMY SUDEBNOI PSIKHIATRII [PROBLEMS OF FORENSIC PSYCHIATRY]. Issued by TSentral'nyi nauchno-issledovatel'skii institut sudebnoi psikhiatrii [Central Scientific Research Institute of Forensic Psychiatry]. Moscow, vol. 9, 1961.

ZHURNAL NEVROPATOLOGII I PSIKHIATRII [JOURNAL OF NEUROPATHOLOGY AND PSYCHIATRY]. Issued by Vsesoiuznoe obshchestvo nevropatologov i psikhiatrov [All-Union Society of Neuropathologists and Psychiatrists]. Moscow, vol. 61, no. 11, 1961.

*ZHURNAL VYSSHEI NERVNOI DEIATEL'NOSTI [JOURNAL OF THE HIGHER NERVOUS FUNCTION]. Published by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 11, no. 4, July-Aug. 1961.

d. OPHTHALMOLOGY & OTORHINOLARYNGOLOGY

VESTNIK OTORINOLARINGOLOGII [REVIEW OF OTORHINOLARINGOLOGY]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, no. 4, 1961; no. 2, 1962. (DNLM)

ZHURNAL USHNYKH, NOSOVYKH I GORLOVYKH BOLEZNEI [JOURNAL OF EAR, NOSE, AND THROAT DISEASES]. Issued by Ministerstvo zdravookhraneniia USSR [Ministry of Health of the Ukrainian S. S. R.]. Kiev, vol. 20, no. 6, Nov.-Dec. 1960.

e. PATHOLOGY & THERAPEUTICS

ARKHIV PATOLOGII [ARCHIVES OF PATHOLOGY]. Published by Akademiia meditsinskikh nauk SSSR [Academy of Medical Sciences of the U. S. S. R.]. Moscow, no. 2, 1962. (DNLM)

LABORATORNOE DELO [LABORATORY WORK]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 8, no. 2, Feb. 1962.

TERAPEVTICHESKII ARKHIV [THERAPEUTIC ARCHIVES]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, nos. 7, 9, 12, 1961. (DNLM)

f PHARMACY & MATERIA MEDICA

*ANTIBIOTIKI [ANTIBIOTICS]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 6, nos. 9, 12, Sep., Dec. 1961, vol. 7, nos. 1-2, Jan.-Feb. 1962.

APTECHNOE DELO [PHARMACY]. Organ of Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 10, no. 6, Nov.-Dec. 1961.

MEDITSINSKAIA PROMYSHLENNOST' SSSR [MEDICAL SUPPLIES INDUSTRY OF THE U. S. S. R.]. Organ of Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 15, no. 12, Dec. 1961.

g. PUBLIC HEALTH & NURSING

FEL'DSHER I AKUSHERKA [FELDSHER AND MIDWIFE]. Issued by Ministerstvo zdravookhraneniia SSSR and Ministerstvo zdravookhraneniia RSFSR [Ministry of Health of the U. S. S. R. and Ministry of Health of the R. S. F. S. R.]. Moscow, vol. 26, no. 11, Nov. 1961.

GIGIENA TRUDA I PROFESSIONAL'NYE ZABOLEVANIIA [LABOR HYGIENE AND OCCUPATIONAL DISEASES]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 6, nos. 1-2, Jan.-Feb. 1962. (DNLM)

MEDITSINSKAIA SESTRA [MEDICAL NURSE]. Issued by Ministerstvo zdravookhraneniia RSFSR [Ministry of Health of the R. S. F. S. R.]. Moscow, vol. 20, no. 11, Nov. 1961.

MOSCOW, NAUCHNO-ISSLEDOVATEL'SKII INSTITUT SANITARII I GIGIENY. Uchenye zapiski [SCIENTIFIC RESEARCH INSTITUTE OF SANITATION AND HYGIENE. Studies] No. 7, 1960.

h SURGERY & DENTISTRY

GRUDNAIA KHIRURGIIA [THORACIC SURGERY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, no. 5, 1961; vol. 4, no. 1, Jan.-Feb. 1962. (DNLM)

KHIRURGIIA [SURGERY]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, no. 2, 1962. (DNLM)

NOVYI KHIRURGICHESKII ARKHIV [NEW SURGICAL ARCHIVES]. Issued by Ministerstvo okhorony zdorov'ia URSR [Ministry of Health of the Ukrainian S. S. R.]. Kiev, nos. 1, 3(225)-4(226), May-Aug. 1960, no. 2, 1962. (DNLM)

ORTOPEDIIA, TRAVMATOLOGIIA I PROTEZIROVANIE [ORTHOPEDICS, TRAUMATOLOGY, AND PROSTHESIS]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, no. 12, 1961; no. 1, 1962. (DNLM)

PROBLEMY STOMATOLOGII. Issued by Obshchestvo stomatologov Ukrainskoi SSR [Society of Stomatologists of the Ukrainian S. S. R.]. Kiev, vol. 5, 1960. (DNLM)

VESTNIK KHIRURGII [REVIEW OF SURGERY]. Issued by Khirurgicheskoe obshchestvo Pirogova [Pirogov Surgical Society]. Leningrad, no. 12, 1961; no. 2, 1962. (DNLM)

i. VENEREOLOGY & DERMATOLOGY

VESTNIK DERMATOLOGII I VENEROLOGII [REVIEW OF DERMATOLOGY AND VENEREOLOGY]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, no. 2, 1962. (DNLM)

15. AGRICULTURE

a. GENERAL

AGRIKULTURA SHI VITERITUL MOLDOVEI [AGRICULTURE AND ANIMAL HUSBANDRY OF MOLDAVIA]. Kishinev, vol. 6, no. 10, Oct. 1961 [In Moldavian] (DA)

AGROBIOLOGIIA [AGROBIOLOGY]. Issued by Vsesoiuznaia Akademiia sel'skokhoziaistvennykh nauk imeni V. I. Lenina [All-Union Lenin Academy of Agricultural Sciences]. Moscow, no. 6(132), Nov.-Dec. 1961.

AKADEMIIA NAUK TADZHIKSKOI SSR. Stalinabad. Otdelenie sel'skokhoziaistvennykh i biologicheskikh nauk. Izvestiia [ACADEMY OF SCIENCES OF THE TAJIK S. S. R. Department of Agricultural and Biological Sciences. Bulletin]. Stalinabad, no. 3(6), 1961.

EKONOMIKA SEL'SKOGO KHOZIAISTVA [ECONOMICS OF AGRICULTURE]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U. S. S. R.]. Moscow, vol. 32, no. 12, Dec. 1961.

GORKI (MOGILEVSKAYA OBLAST') BELARUSKAIA AKADEMIIA SEL'SKAE HASPADARKI. Trudy [WHITE RUSSIAN ACADEMY OF AGRICULTURE. Transactions]. Vol. 34, 1961.

ҚAZAҚSTANNYҢ AҰYL SHARUSHYLYҒY [KAZAKHSTAN AGRICULTURE]. Alma-Ata, no. 8, Aug. 1961, no. 1, Jan. 1962 [In Kazakh]

KOLKHOZNOE PROIZVODSTVO [COLLECTIVE FARM PRODUCTION]. Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U. S. S. R.]. Moscow, vol. 22, no. 2, Feb. 1962.

KREST'IANKA [THE PEASANT WOMAN]. Published by Izd-vo [Publishing House] "Pravda." Moscow, vol. 40, no. 3, Mar. 1962.

KYRGYZSTANDYN AIYL CHARBASY [AGRICULTURE OF KIRGHIZISTAN]. Issued by the Ministry of Agriculture of the Kirghiz S. S. R. Frunze, no. 2, Feb. 1962 [In Kirghiz]

MEKHANIZATSIIA I ELEKTRIFIKATSIIA SOTSIALISTICHESKOGO SEL'SKOGO KHOZIAISTVA [MECHANIZATION AND ELECTRIFICATION OF SOCIALIST AGRICULTURE]. Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U. S. S. R.]. Moscow, vol. 20, no. 1, 1962.

MOSCOW. INSTITUT INZHENEROV ZEMLEUSTROISTVA. Trudy [INSTITUTE OF LAND UTILIZATION ENGINEERS. Transactions]. No. 8, 1959.

MOSCOW. TSENTRAL'NAIA NAUCHNAIA SEL'SKOKHOZIAISTVENNAIA BIBLIOTEKA. Biulleten' [CENTRAL AGRICULTURAL LIBRARY. Bulletin]. Nos. 5-6, 1960.

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT GIDROTEKHNIKI I MELIORATSII. Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF HYDRAULIC ENGINEERING AND LAND RECLAMATION. Transactions]. Vol. 28, 1958.

POCHVY IUZHNOGO URALA I POVOLZH'IA [SOILS OF THE SOUTHERN URALS AND THE VOLGA VALLEY]. Issued by Institut biologii Bashkirskogo filiala Akademii nauk SSSR and Bashkirskoe otdelenie Vsesoiuznogo obshchestva pochvovedov [Institute of Biology of the Bashkir Branch of the Academy of Sciences of the U. S. S. R. and the Bashkir Department of the All-Union Society of Soil Scientists]. Ufa, no. 4, 1960.

SEL'SKAI
OF WH
haspad
of the
no 2(1

SE

SEL'SKOE KHOZIAISTVO POVOLZH'IA [AGRICULTURE OF THE VOLGA VALLEY]. Organ of Ministerstvo sel'skogo khoziaistva RSFSR [Ministry of Agriculture of the R. S. F. S. R.]. Saratov, vol. 8, no. 2, Feb 1962.

SEL'SKOE KHOZIAISTVO SEVERNOGO KAVKAZA [AGRICULTURE OF THE NORTHERN CAUCASUS] Organ of Ministerstvo sel'skogo khoziaistva RSFSR [Ministry of Agriculture of the R S F S R]. Krasnodar, vol. 5, no. 2, Feb. 1962.

SEL'SKOE KHOZIAISTVO SEVERO-ZAPADNOI ZONY [AGRICULTURE OF THE NORTHWESTERN ZONE]. Issued by Ministerstvo sel'skogo khoziaistva RSFSR [Ministry of Agriculture of the R S F S R] Leningrad, vol. 4, nos. 1-2, Jan.-Feb. 1962.

SEL'SKOE KHOZIAISTVO SIBIRI [AGRICULTURE OF SIBERIA]. Organ of Ministerstvo sel'skogo khoziaistva RSFSR [Ministry of Agriculture of the R. S. F. S. R.] Omsk, vol. 7, no 2, Feb. 1962.

SEL'SKOE KHOZIAISTVO TADZHIKISTANA [AGRICULTURE OF TAJIKISTAN]. Organ of Ministerstvo sel'skogo khoziaistva Tadzhikskoi SSR [Ministry of Agriculture of the Tajik S. S. R.]. Dushanbe, vol. 16, no. 2, Feb. 1962

SEL'SKOE KHOZIAISTVO UZBEKISTANA [AGRICULTURE OF UZBEKISTAN]. Issued by Ministerstvo sel'skogo khoziaistva Uzbekskoi SSR [Ministry of Agriculture of the Uzbek S. S. R.]. Tashkent, vol. 23, no. 1, Jan. 1962.

SOTSIALISTICHESKOE SEL'SKOE KHOZIAISTVO AZERBAIDZHANA [SOCIALIST AGRICULTURE OF AZERBAIJAN]. Issued by Ministerstvo sel'skogo khoziaistva Azerbaidzhanskoi SSR [Ministry of Agriculture of the Azerbaijan S. S. R.]. Baku, vol. 11, no. 1, Jan. 1962.

SOTSIALISTLIK POLLUMAJANDUS [SOCIALIST AGRICULTURE]. Issued by Eesti NSV Pollumajanduse Ministeerium [Ministry of Agriculture of the Estonian S.S.R.]. Tallinn, vol. 16, nos. 20, 22-24, Oct.-Dec. 1961, vol. 17, nos. 3-5, Feb.-Mar. 1962. [In Estonian]

SOVKHOZNOE PROIZVODSTVO [STATE FARM PRODUCTION]. Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U. S. S. R.]. Moscow, no. 3, Mar. 1962.

TEKHNIKA V SEL'SKOM KHOZIAISTVE [MACHINERY IN AGRICULTURE]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U. S. S. R.]. Moscow, vol. 22, nos. 1-2, Jan.-Feb. 1962.

UZBEKSKAIA AKADEMIIA SEL'SKOKHOZIAISTVENNYKH NAUK. Nauchno-issledovatel'skii institut mekhanizatsii i elektrifikatsii oroshaemogo zemledeliia. Sbornik nauchno-issledovatel'skikh rabot [UZBEK ACADEMY OF AGRICULTURAL SCIENCES. Scientific Research Institute of the Mechanization and Electrification of Irrigation Farming. Collection of Research Papers] Tashkent, no. 1, 1959.

VESTNIK SEL'SKOKHOZIAISTVENNOI NAUKI [REVIEW OF AGRICULTURAL SCIENCE]. Issued by Kazakhskaia akademiia sel'skokhoziaistvennykh nauk [Kazakh Academy of Agricultural Sciences]. Alma-Ata, vol. 4, no. 11, Nov. 1961.
(DA)

VOPROSY ZEMLEDEL'CHESKOI MEKHANIKI [PROBLEMS OF AGRICULTURAL MECHANICS]. Issued by Institut mekhanizatsii i elektrifikatsii sel'skogo khoziaistva Akademii sel'skokhoziaistvennykh nauk BSSR [Institute of Mechanization and Electrification of Agriculture of the Academy of Agricultural Sciences of the White Russian S. S. R.]. Minsk, vol. 5, 1960; vols. 6-7, 1961.

ZEMLEDELIE I ZHIVOTNOVODSTVO MOLDAVII [AGRICULTURE AND ANIMAL HUSBANDRY OF MOLDAVIA]. Issued by Ministerstvo sel'skogo khoziaistva Moldavskoi SSR [Ministry of Agriculture of the Moldavian S. S. R.]. Kishinev, vol. 7, nos. 1-2, Jan.-Feb. 1962.

b. ANIMAL INDUSTRY

KÖNIGSBERG. BALTIISKII NAUCHNO-ISSLEDOVATEL'SKII INSTITUT MORSKOGO RYBNOGO KHOZIAISTVA I OKEANOGRAFII. Trudy [BALTIC SCIENTIFIC RESEARCH INSTITUTE OF MARINE FISHERIES AND OCEANOGRAPHY. Transactions]. No. 7, 1961.

KROLIKOVODSTVO I ZVEROVODSTVO [RABBIT BREEDING AND FUR FARMING]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U. S. S. R.]. Moscow, vol. 5, no. 1, Jan. 1962.
(DA)

LENINGRAD. GOSUDARSTVENNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT OZERNOGO I RECHNOGO RYBNOGO KHOZIAISTVA. Izvestiia [STATE SCIENTIFIC RESEARCH INSTITUTE OF LAKE AND RIVER FISHERIES. Bulletin]. Vol. 51, 1961.

MOLOCHNAIA PROMYSHLENNOST' [DAIRY INDUSTRY]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva pishchevoi promyshlennosti [State Committee of the Council of Ministers of the U. S. S. R. on the Coordination of Research and the Central Administration of the Scientific Technological Society of the Food Industry]. Moscow, vol. 23, no. 2, Feb, 1962.

PCHELOVODSTVO [APICULTURE]. Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U. S. S. R.]. Moscow, vol. 39, nos. 2-3, Feb.-Mar. 1962.
(DA)

SOTSIALISTYCHNE TVARYNNYTSTVO [SOCIALIST ANIMAL HUSBANDRY]. Organ of Ministerstvo sil's'koho hospodarstva URSR [Ministry of Agriculture of the Ukrainian S. S. R.] Kiev, vol. 33, no. 10, Oct. 1961, vol. 34, nos. 1-2, Jan.-Feb. 1962
(DA)

SVINOVODSTVO [SWINE BREEDING]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U. S. S. R.]. Moscow, vol. 16, no. 2, Feb. 1962.
(DA)

VETERINARIIA [VETERINARY MEDICINE]. Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U. S. S. R.]. Moscow, vol. 39, no. 1, Jan. 1962.
(DA)

c. FORESTRY

KHIMKI. TSENTRAL'NYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT MEKHANIZATSII I ENERGETIKI LESNOI PROMYSHLENNOSTI. Trudy [CENTRAL SCIENTIFIC RESEARCH INSTITUTE OF MECHANIZATION AND USE OF POWER IN LUMBERING. Transactions]. No. 26, 1961.

LESNAIA PROMYSHLENNOST' [FOREST INDUSTRIES]. Organ of Gosudarstvennyi komitet Soveta Ministrov RSFSR po koordinatsii nauchno-issledovatel'skikh rabot and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva lesnoi promyshlennosti [State Committee of the Council of Ministers of the R. S. F. S. R. on the Coordination of Research and the Central Administration of the Scientific Technological Society of Forest Industries]. Moscow, vol. 39, no. 12, Dec. 1961, vol. 40, no. 1, Jan. 1962.

MUSU GIRIOS [OUR FORESTS] Issued by Lietuvos TSR Misku ukio ir misko pramones ministerija and Gamtos apsaugos komitetas prie Lietuvos TSR Ministru Tarybos [Ministry of Forestry and Lumbering of the Lithuanian S. S. R. and the Committee on Conservation Attached to the Council of Ministers of the Lithuanian S.S.R.]. Vilnius, nos. 1(162)-2(163), Jan.-Feb. 1962. [In Lithuanian]

SBORNIK NAUCHNO-ISSLEDOVATEL'SKIKH RABOT PO ZASHCHITNOMU LESORAZVEDENIIU [PAPERS ON SHELTERBELT AFFORESTATION]. Issued by Kamyshinskii opytnyi punkt Vsesoiuznogo nauchno-issledovatel'skogo instituta agrolesomelioratsii [Kamyshin Experiment Station of the All-Union Scientific Research Institute for Land Improvement Through Afforestation]. Kamyshin, no. 2, 1959.
(DA)

VORONEZH. LESOTEKHNICHESKII INSTITUT. Nauchnye zapiski [FORESTRY AND LUMBERING INSTITUTE. Studies]. Vol. 23, 1961.

d. PLANT CULTURE

AKADEMIIA NAUK SSSR, Moldavskii filial, Botanicheskii sad. Spisok semian, predlagaemykh v obmen [ACADEMY OF SCIENCES OF THE U. S. S. R. Moldavian Branch, Botanical Garden. List of Seeds Offered for Exchange]. Kishinev, no. 8, 1958; no. 9, 1959; no. 10, 1960.
(DA)

LEN I KONOPLIA [FLAX AND HEMP]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U. S. S. R.]. Moscow, vol. 7(24), no. 2, Feb. 1962.
(DA)

LENINGRAD. VSESOIUZNYI INSTITUT ZASHCHITY RASTENII. Azerbaidzhanskaia stantsiia. Trudy [ALL-UNION INSTITUTE OF PLANT PROTECTION. Azerbaijan Station. Transactions]. Baku, vol. 1, 1960.

SADOVODSTVO, VINOGRADARSTVO I VINODELIE MOLDAVII [FRUIT CULTURE, VITICULTURE, AND WINE MAKING IN MOLDAVIA]. Organ of Sovet narodnogo khoziaistva and Ministerstvo sel'skogo khoziaistva Moldavskoi SSR [Economic Council and the Ministry of Agriculture of the Moldavian S. S. R.]. Kishinev, vol. 17, no. 1(105), Jan 1962.
(DA)

TORZHOK. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT L'NA. Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF FLAX Transactions] Kalinin, no. 3, 1940.

VINODELIE I VINOGRADARSTVO SSSR [VITICULTURE AND WINE MAKING IN THE U. S. S. R.]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva pishchevoi promyshlennosti [State Committee of the Council of Ministers of the U. S. S. R. on the Coordination of Research and the Central Administration of the Scientific Technological Society of the Food Industry]. Moscow, vol. 22, no. 1(203), 1962.

ZEMLEDELIE [AGRICULTURE]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U. S. S. R.]. Moscow, vol. 24, no. 1, Jan. 1962.

16. TECHNOLOGY

a. GENERAL

AKADEMIIA NAUK UZBEKSKOI SSR, Tashkent. Izvestiia. Seriia tekhnicheskikh nauk [ACADEMY OF SCIENCES OF THE UZBEK S. S. R. Bulletin. Series in the Technical Sciences]. Tashkent, vol. 6, no. 1, 1962.

BIULLETEN' IZOBRETENII [BULLETIN ON INVENTIONS]. Issued by Komitet po delam izobretenii i otkrytii pri Sovete Ministrov SSSR [Committee on Inventions and Discoveries, Attached to the Council of Ministers of the U. S. S. R.]. Moscow, vol. 36, no. 23, Dec. 1961, vol. 39, nos. 1-2, Jan. 1962.

GOST (GOSUDARSTVENNYI STANDART) [STATE STANDARD]. Izdanie ofitsial'noe Issued by various bodies. 1956 no. 8805

IUNYI TEKHNIK [YOUNG TECHNICIAN]. Issued by TsK VLKSM and TSentral'nyi Sovet pionerskoi organizatsii imeni V. I. Lenina [Central Committee of the All-Union Communist Youth League of Lenin and the Central Council of the Lenin Pioneers]. Moscow, vol. 6, nos. 1-2, Jan.-Feb. 1962.

*IZMERITEL'NAIA TEKHNIKA [MEASUREMENT TECHNIQUES]. Issued by Komitet standartov, mer i izmeritel'nykh priborov pri Sovete Ministrov SSSR [Committee of Standards, Measures, and Measuring Instruments, Attached to the Council of Ministers of the U. S. S. R.]. Moscow, nos. 2-3, Feb.-Mar. 1962.

IZOBRETATEL' I RATSIONALIZATOR [INVENTOR AND EFFICIENCY PROMOTER]. Issued by Vsesoiuznoe obshchestvo izobretatelei i ratsionalizatorov [All-Union Society of Inventors and Efficiency Promoters]. Moscow, no. 3, Mar. 1962.

LENINGRAD. LENINGRADSKII INZHENERNO-EKONOMICHESKII INSTITUT. Trudy [LENINGRAD ENGINEERING AND ECONOMICS INSTITUTE. Transactions]. No. 38, 1961.

MOKSLAS IR TECHNIKA [SCIENCE AND TECHNOLOGY]. Issued by Lietuvos TSR Ministru Tarybos Valstybinis mokslinio tyrimo darbu koordinavimo komitetas [State Committee of the Council of Ministers of the Lithuanian S.S.R. on the Coordination of Research] and others. Kaunas, nos. 1-2, Jan.-Feb. 1962. [In Lithuanian]

MOSCOW. INZHENERNO-EKONOMICHESKII INSTITUT. Nauchnye trudy [INSTITUTE OF ENGINEERING AND ECONOMICS. Studies]. No. 18, 1961.

MOSCOW. MOSKOVSKOE VYSSHEE TEKHNICHESKOE UCHILISHCHE. (Trudy) [MOSCOW TECHNICAL COLLEGE. (Transactions)]. No. 104, 1961. S. S. Tikhmenev, ed. Mekhanika [Mechanics].

MOSCOW. TSENTRAL'NYI INSTITUT TEKHNIKO-EKONOMICHESKOI INFORMATSII. Biulleten' tekhniko-ekonomicheskoi informatsii [CENTRAL INSTITUTE OF TECHNICAL AND ECONOMIC INFORMATION. Bulletin of Technical and Economic Information]. No. 1, 1962.

MOSCOW. VYSTAVKA DOSTIZHENII NARODNOGO KHOZIAISTVA SSSR. Programma na nedeliu [EXHIBITION OF ACHIEVEMENTS OF THE NATIONAL ECONOMY OF THE U.S.S.R. Program for the Week]. nos. 39, 41, Oct. 1960.

NARYSY Z ISTORII TEKHNIKY [OUTLINE OF THE HISTORY OF TECHNOLOGY]. Issued by Komisiia z istorii tekhniky Akademii nauk URSR [Commission on the History of Technology of the Academy of Sciences of the Ukrainian S.S.R.]. Kiev, no. 7, 1961

NAUKA I TEKHNIKA [SCIENCE AND TECHNOLOGY]. Issued by Nauchno-tekhnicheskii komitet Soveta Ministrov Latvilskoi SSR [Scientific and Technical Committee of the Council of Ministers of the Latvian S.S.R.] and others. Riga, no. 2(19), Feb. 1962.

NOVOCHERKASSK. POLITEKHNICHESKII INSTITUT Trudy [POLYTECHNIC INSTITUTE. Transactions]. Erivan, vols. 113-114, 1961.

PROFESSIONAL'NO-TEKHNICHESKOE OBRAZOVANIE [VOCATIONAL TECHNICAL EDUCATION]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po professional'no-tekhnicheskomu obrazovaniiu [State Committee of the Council of Ministers of the U.S.S.R. for Vocational Technical Education]. Moscow, vol. 19, no. 2(201), Feb. 1962.

PROMYSHLENNOST' ARMENII [INDUSTRY OF ARMENIA] Issued by Sovet narodnogo khoziaistva Armianskoi SSR and Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov Armianskoi SSR [Economic Council of the Armenian S.S.R. and the State Scientific and Technical Committee of the Council of Ministers of the Armenian S.S.R.] Erivan, vol. 4, no. 12, Dec. 1961, vol. 5, nos. 1-2, Jan.-Feb. 1962.

RUSSIA (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. Trudy institutov Komiteta [Committee of Standards, Measures, and Measuring Instruments. Transactions of the Institutes of the Committee]. Moscow, no. 53(113), 1961.

STANDARTIZATSIIA [STANDARDIZATION]. Organ of Komitet standartov, mer i izmeritel'nykh priborov pri Sovete Ministrov SSSR [Committee of Standards, Measures, and Measuring Instruments, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, vol. 26, no. 2, Feb. 1962.

TEKHNIKA - MOLODEZHI [TECHNOLOGY FOR YOUTH]. Organ of TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, vol. 30, no. 1, 1962.

TEHNIKA JA TOOTMINE [TECHNOLOGY AND PRODUCTION]. Issued by Eesti NSV Ministrite Noukogu Riikliku Teaduslik-Tehnilise Komitee and Eesti NSV Ametiühingute Noukogu [State Scientific Technological Committee of the Council of Ministers of the Estonian S.S.R. and the Council of Trade Unions of the Estonian S.S.R.]. Tallinn, vol. 5, no. 12, Dec. 1961, vol. 6, nos. 1-2, Jan.-Feb. 1962. [In Estonian]

* ZHURNAL TEKHNICHESKOI FIZIKI [JOURNAL OF TECHNICAL PHYSICS]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 32, no. 2, Feb. 1962.

b. AERONAUTICS

GRAZHDANSKAIA AVIATSIIA [CIVIL AVIATION]. Issued by Glavnoe upravlenie grazhdanskogo vozdushnogo flota pri Sovete Ministrov SSSR [Main Administration of Civil Aviation, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, vol. 18, no. 11, Nov. 1961.

KRYL'IA RODINY [WINGS OF THE MOTHERLAND]. Issued by Vsesoiuznoe dobrovol'noe obshchestvo sodeistviia armii, aviatsii i flotu [All-Union Volunteer Society for Assitance to the Army, Air Force, and Navy]. Moscow, vol. 12, no. 10, Oct. 1961; vol. 13, no. 1, Jan. 1962.

RU[illegible]

Engineering]. Moscow, vol. 4, no. 4, 1961.

VOPROSY RAKETNOI TEKHNIKI, sbornik perevodov i obzorov inostrannoi periodicheskoi literatury [PROBLEMS OF ROCKET ENGINEERING; Translations and Surveys of Foreign Periodical Literature]. Published by Izd-vo inostrannoi lit-ry [Publishing House of Foreign Literature]. Moscow, vol. 12, no. 1(85)-2(86), 1962.

c CHEMICAL TECHNOLOGY

EESTI NSV POLEVKIVI UURIMISE INSTITUUT. Khimiia i tekhnologiia goriuchikh slantsev i produktov ikh pererabotki [SHALE RESEARCH INSTITUTE OF THE ESTONIAN S.S.R. Chemistry and Technology of Combustible Shales and Their Products]. Leningrad, No. 8, 1960.

GAZOVAIA PROMYSHLENNOST' [GAS INDUSTRY]. Organ of Glavnoe upravlenie gazovoi promyshlennosti pri Sovete Ministrov SSSR [Main Administration of the Gas Industry, Attached to the Council of Ministers of the U.S.S.R.] and others. Leningrad, vol. 6, no. 12, 1961.

*KAUCHUK I REZINA [CRUDE AND VULCANIZED RUBBER]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po khimii and Vsesoiuznoe khimicheskoe obshchestvo [State Committee of the Council of Ministers of the U.S.S.R. for Chemistry and the All-Union Chemical Society]. Moscow, vol. 20, no. 9, Sep. 1961; vol. 21, no. 2, Feb. 1962.

KHIMICHESKAIA PROMYSHLENNOST' [CHEMICAL INDUSTRIES]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po khimii [State Committee of the Council of Ministers of the U.S.S.R. on Chemistry]. Moscow, no. 10, Oct. 1961, no. 2, Feb. 1962.

KHIMICHESKOE MASHINOSTROENIE [CHEMICAL MACHINERY MANUFACTURE]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroeniiu [State Committee of the Council of Ministers of the U.S.S.R. for Automation and Machinery Manufacture]. Moscow, no. 6, Nov.-Dec. 1961.

KHIMIIA I TEKHNOLOGIIA POLIMEROV; sbornik perevodov iz inostrannoi periodicheskoi literatury [THE CHEMISTRY AND TECHNOLOGY OF POLYMERS; Translations From Foreign Periodical Literature]. Moscow, vol. 5, no. 10, 1961; vol. 6, no. 1, 1962.

KHIMIIA I TEKHNOLOGIIA TOPLIV I MASEL [CHEMISTRY AND TECHNOLOGY OF FUEL AND OIL]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot [State Committee of the Council of Ministers of the U.S.S.R. on the Coordination of Research] and others. Moscow, vol. 7, no. 3, Mar. 1962.

*KOKS I KHIMIIA [COKE AND CHEMISTRY]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii i nauchno-issledovatel'skikh rabot and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva chernoi metallurgii [State Committee of the Council of Ministers of the U.S.S.R. on the Coordination of Research and the Central Administration of the Scientific Technological Society of Ferrous Metallurgy]. Moscow, nos. 6, 12, 1961; no. 1, 1962.

MOSCOW. NAUCHNO-ISSLEDOVATEL'SKII KINOFOTOINSTITUT. Trudy [SCIENTIFIC RESEARCH INSTITUTE OF MOTION PICTURES AND PHOTOGRAPHY. Transactions]. No. 40, 1960.

NEFTEKHIMIIA [PETROCHEMISTRY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 1, nos. 1-2, 5, Jan-Apr., Sep.-Oct. 1961.

*PLASTICHESKIE MASSY [PLASTICS]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po khimii [State Committee for Chemistry of the Council of Ministers of the U.S.S.R.]. Moscow, no. 2, 1962.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, pishchevaia tekhnologiia [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Food Technology]. Moscow, no. 6, 1961.

SOVETSKOE FOTO [THE SOVIET PHOTO]. Issued by Soiuz zhurnalistov SSSR [Association of Journalists of the U.S.S.R.] Moscow, vol. 22, no. 3, Mar. 1962.

VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT PRIRODNYKH GAZOV. Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF NATURAL GAS. Transactions]. Moscow, no. 11(19), 1961.

*ZHURNAL PRIKLADNOI KHIMII [JOURNAL OF APPLIED CHEMISTRY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 35, no. 2, Feb. 1962.

d. CIVIL & CONSTRUCTION ENGINEERING

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut osnovanii i podzemnykh sooruzhenii. (Trudy) [ACADEMY OF CONSTRUCTION AND ARCHITECTURE OF THE U.S.S.R. Institute of Foundations and Underground Construction. (Transactions)] Moscow, no. 41, 1959; no. 46, 1961.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut stroitel'nykh konstruktsii. Nauchnoe soobshchenie [ACADEMY OF CONSTRUCTION AND ARCHITECTURE OF THE U.S.S.R. Institute of Construction Design Scientific Report] Moscow, no. 17, 1961.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut stroitel'nykh konstruktsii. Trudy [ACADEMY OF CONSTRUCTION AND ARCHITECTURE OF THE U.S.S.R. Institute of Construction Design Transactions]. Moscow, no. 4, 1961
[MICROFILM]

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Kazakhskii filial. Trudy [ACADEMY OF CONSTRUCTION AND ARCHITECTURE OF THE U.S.S.R. Kazakh Branch. Transactions]. Alma-Ata, no. 2(4), 1960.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Zapadno-Sibirskii filial. Novosibirsk. Trudy [ACADEMY OF CONSTRUCTION AND ARCHITECTURE OF THE U.S.S.R. West Siberian Branch. Transactions]. Novosibirsk, no. 3, 1960.

AVTOMOBIL'NYE DOROGI [HIGHWAYS]. Issued by Ministerstvo transportnogo stroitel'stva SSSR [Ministry of Construction for the Transportation Industry of the U.S.S.R.]. Moscow, vol. 25, nos. 1(231)-2(232), Jan.-Feb. 1962.

GIDROTEKHNICHESKOE STROITEL'STVO [HYDROTECHNICAL CONSTRUCTION]. Issued by Ministerstvo stroitel'stva elektrostantsii SSSR [Ministry for the Construction of Electric Power Stations of the U.S.S.R.]. Moscow, vol. 32, no. 12, Dec. 1961.

MONTAZHNYE I SPETSIALIZIROVANNYE RABOTY V STROITEL'STVE [ASSEMBLING AND SPECIALIZED OPERATIONS IN CONSTRUCTION]. Organ of Ministerstvo stroitel'stva RSFSR and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva stroitel'noi industrii [Ministry of Construction of the R.S.F.S.R. and the Central Administration of the Scientific Technological Society of the Building Industry]. Moscow, vol. 23, no. 12, Dec. 1961.

MOSCOW GOSUDARSTVENNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT ZHELEZOBETONNYKH IZDELII, STROITEL'NYKH I NERUDNYKH MATERIALOV. Sbornik trudov [STATE SCIENTIFIC RESEARCH INSTITUTE OF REINFORCED-CONCRETE PRODUCTS, BUILDING MATERIALS, AND ROCK PRODUCTS. Collected Papers]. No. 3, 1960.

MOSCOW. GOSUDARSTVENNYI VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT TSEMENTNOI PROMYSHLENNOSTI. Nauchnye soobshcheniia [STATE ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF THE CEMENT INDUSTRY Scientific Reports]. No. 11(42), 1961.

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT STROITEL'NOI KERAMIKI. Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF CONSTRUCTION CERAMICS. Transactions]. No. 16, 1960.

POZHARNOE DELO [FIRE FIGHTING]. Issued by Ministerstvo vnutrennikh del RSFSR [Ministry of the Interior of the R.S.F.S.R.]. Moscow, vol. 8, no. 2, Feb. 1962.

PUT' I PUTEVOE KHOZIAISTVO [RAILROAD TRACKS AND ROADWAY MAINTENANCE]. Organ of Ministerstvo putei soobshcheniia SSSR [Ministry of Railroad Transportation of the U.S.S.R.]. Moscow, vol. 6, no. 2, 1962.

REFERATIVNYI ZHURNAL. STROITEL'STVO I ARKHITEKTURA [JOURNAL OF ABSTRACTS: CONSTRUCTION AND ARCHITECTURE]. Issued by Akademiia stroitel'stva i arkhitektury SSSR [Academy of Construction and Architecture of the U.S.S.R.]. Moscow, no. 1(19), 1962.

SEL'SKOE STROITEL'STVO [RURAL CONSTRUCTION]. Organ of Vserossiiskoe ob"edinenie Soveta Ministrov RSFSR "Rossel'khoztekhnika" [All-Russian Association "Rossel'khoztekhnika" of the Council of Ministers of the R.S.F.S.R.] Moscow, vol. 16, no. 12(146), Dec. 1961.

SIL'SKE BUDIVNYTSTVO [RURAL CONSTRUCTION]. Issued by Ukrains'ke respublikans'ke ob"iednannia Rady Ministriv URSR "Ukrsil'hosptekhnika" [Ukrainian Republic Association "Ukrsil'hosptekhnika" of the Council of Ministers of the Ukrainian S.S.R.]. Kiev, vol. 11, no. 12, Dec. 1961.

TASHKENT. INSTITUT INZHENEROV ZHELEZNODOZHNOGO TRANSPORTA. Trudy [INSTITUTE OF RAILROAD TRANSPORTATION ENGINEERS. Transactions]. Moscow, no. 13, 1960.
Contents: Aksenov, V. I. [Capacity value of the expansion of tracks on railroad lines and its potentials under the conditions of diesel and

electric traction] Emkost' putevogo razvitiia zheleznykh dorog i ee rezervy v usloviiakh teplovoznoi i elektrovoznoi tiagi. 71 p.

VODOSNABZHENIE I SANITARNAIA TEKHNIKA [WATER SUPPLY AND SANITARY ENGINEERING]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U.S.S.R. for Construction]. Moscow, no 2, Feb 1962.

VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT NOVYKH STROITEL'NYKH MATERIALOV. Sbornik trudov [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF NEW BUILDING MATERIALS. Collected Papers]. Moscow, no. 4, 1961.

ZHILISHCHNOE STROITEL'STVO [HOUSING CONSTRUCTION] Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva and TSentral'noe pravlenie NTO stroitel'noi industrii [State Committee of the Council of Ministers of the U.S.S.R. for Construction and the Central Administration of the Scientific Technological Society of the Building Industry]. Moscow, no. 12, 1961.

e. ELECTRICAL ENGINEERING

AKADEMIIA NAUK URSR, Kiev. Instytut elektrotekhniky. Sbornik trudov [ACADEMY OF SCIENCES OF THE UKRAINIAN S.S.R. Institute of Electrical Engineering. Collected Works]. Kiev, no. 18, 1961.

ANNOTIROVANNYI UKAZATEL' LITERATURY PO RADIOELEKTRONIKE [ANNOTATED BIBLIOGRAPHY ON ELECTRONICS]. Moscow, vol. 18, nos. 1-3, 1962.

*AVTOMATIKA I TELEMEKHANIKA [AUTOMATIC AND REMOTE CONTROL]. Issued by Institut avtomatiki i telemekhaniki Akademii nauk SSSR [Institute of Automatic and Remote Control of the Academy of Sciences of the U.S.S.R.]. Moscow, vol. 13, nos. 2-5 Mar.-Oct. 1952 [PHOTOCOPY]; vol. 23 no. 2, Feb. 1962.

*ATOMNAIA ENERGIIA [ATOMIC ENERGY]. Issued by Akademiia nauk SSSR and Gosudarstvennyi komitet Soveta Ministrov SSSR po ispol'zovaniiu atomnoi energii [Academy of Sciences of the U.S.S.R. and the State Committee on the Use of Atomic Energy of the Council of Ministers of the U.S.S.R.]. Moscow, vol. 12, no. 3, Mar. 1962.

ATOMNAIA TEKHNIKA ZA RUBEZHOM [NUCLEAR ENGINEERING ABROAD]. Issued by Gosudarstvennyi Komitet Soveta Ministrov SSSR po ispol'zovaniiu atomnoi energii [State Committee of the Council of Ministers of the U.S.S.R. for the Utilization of Atomic Energy]. Moscow, vol. 6, nos. 1-2, Jan.-Feb 1962.

AVTOMATYKA [AUTOMATIC CONTROL]. Issued by Instytut elektrotekhniky Akademii nauk URSR [Institute of Electrical Engineering of the Academy of Sciences of the Ukrainian S.S.R.]. Kiev, no. 1, 1962.

*ELEKTRICHESTVO [ELECTRICITY]. Organ of Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.] and others. Moscow, nos. 2-3, Feb.-Mar. 1962.

ELEKTROSILA; sbornik [ELECTRIC POWER; Collected Papers]. Issued by Gosudarstvennyi souiuznyi leningradskii elektromashinostroitel'nyi zavod "Elektrosila" [State All-Union Leningrad Electrical Machinery Plant "Elektrosila"]. Moscow, no. 19, 1960.

of
ie

[ELECTRIC POWER TECHNICIAN]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot and TSentral'nyi Komitet Profsoiuza rabochikh elektrostantsii i elektropromyshlennosti [State Committee of the Council of Ministers of the U.S.S.R. on the Coordination of Research and the Central Committee of the Trade Union of Workers of Electric Power Stations and the Electrical Industry]. Moscow, vol. 10, nos. 2-3, Feb.-Mar. 1962.

PROMYSHLENNAIA ENERGETIKA [INDUSTRIAL POWER] Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot and Nauchno-tekhnicheskoe obshchestvo energeticheskoi promyshlennosti [State Committee of the Council of Ministers of the U.S.S.R. on the Coordination of Research and Scientific Technological Society of the Power Industry]. Moscow, vol. 17, no. 3, Mar. 1962.

*RADIOTEKHNIKA [RADIO ENGINEERING]. Organ of Nauchno-tekhnicheskoe obshchestvo radiotekhniki i elektrosviazi im. A.S. Popova [A.S. Popov Scientific Technological Society of Radio Engineering and Telecommunications] Moscow, vol. 17, nos. 1-3, Jan.-Mar. 1962.

*RADIOTEKHNIKA I ELEKTRONIKA [RADIO ENGINEERING AND ELECTRONICS]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.] Moscow, vol. 7, no. 3, Mar 1962.

REFERATIVNYI ZHURNAL: AVTOMATIKA I RADIOELEKTRONIKA [JOURNAL OF ABSTRACTS: AUTOMATIC CONTROL AND RADIO ENGINEERING]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 1, Jan. 1962

REFERATIVNYI ZHURNAL: ELEKTROTEKHNIKA [JOURNAL OF ABSTRACTS: ELECTRICAL ENGINEERING]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, Avtorskii ukazatel' za 1960 g. [Author Index for 1960], pt. 2.

REFERATIVNYI ZHURNAL: ELEKTROTEKHNIKA I ENERGETIKA [JOURNAL OF ABSTRACTS: ELECTRICAL ENGINEERING AND ELECTRIC POWER]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 2, Feb. 1962.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; elektromekhanika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Electrical Machinery and Apparatus]. Novocherkassk, vol. 5, no. 1, 1962.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; energetika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Power Engineering]. Moscow, vol. 5, no. 1, Jan. 1962.

SVETOTEKHNIKA [ILLUMINATING ENGINEERING]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroeniiu and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva energeticheskoi promyshlennosti [State Committee of the Council of Ministers of the U.S.S.R. for Automation and Machinery Manufacture and the Central Administration of the Scientific Technological Society of the Power Industry]. Moscow, vol. 8, no. 3, Mar. 1962.

VESTNIK ELEKTROPROMYSHLENNOSTI [REVIEW OF THE ELECTRICAL INDUSTRY]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot [State Committee of the Council of Ministers of the U.S.S.R. on the Coordination of Research] and others. Moscow, vol. 33, no. 2, Feb. 1962.

*VESTNIK SVIAZI [COMMUNICATION REVIEW]. Issued by Ministerstvo sviazi SSSR and TSentral'nyi komitet Profsoiuza rabotnikov sviazi, rabochikh avtomobil'nogo transporta i shosseinykh dorog [Ministry of Communication of the U.S.S.R. and the Central Committee of the Trade Union of Communications Employees and Workers of Automotive Transportation and Highways]. Moscow, vol. 22, nos. 2(263)-3(264), Feb.-Mar. 1962.

ZARUBEZHNAIA RADIOELEKTRONIKA [RADIO ENGINEERING ABROAD]. Moscow, vol. 17, no. 2, Feb. 1962.

f. INDUSTRIES & TRADES

AKADEMIIA NAUK URSR, Kiev. Instytut elektrozvariuvannia. Avtomaticheskaia svarka [ACADEMY OF SCIENCES OF THE UKRAINIAN S.S.R. Institute of Electric Welding. Automatic Welding]. Kiev, vol. 15, no. 3(108), Mar. 1962.

*DEREVOOBRABATYVAIUSHCHAIA PROMYSHLENNOST' [WOODWORKING INDUSTRY]. Issued by Gosudarstvennyi komitet Soveta Ministrov RSFSR po koordinatsii nauchno-issledovatel'skikh rabot and TSentral'noe pravlenie NTO bumazhnoi i derevoobrabatyvaiushchei promyshlennosti [State Committee of the Council of Ministers of the R.S.F.S.R. on the Coordination of Research and the Central Administration of the Scientific Technological Society of the Paper and Woodworking Industry]. Moscow, vol. 11, no. 3, Mar. 1962.

MESTNAIA PROMYSHLENNOST' I KHUDOZHESTVENNYE PROMYSLY [LOCAL INDUSTRY AND ART TRADES] Issued by Gosudarstvennyi komitet Soveta Ministrov RSFSR po delam mestnoi promyshlennosti i khudozhestvennykh promyslov and TsK Profsoiuza rabochikh mestnoi promyshlennosti i kommunal'nogo khoziaistva [State Committee of the Council of Ministers of the R.S.F.S.R. for Local Industry and Art Trades and the Central Committee of the Trade Union of Workers of Local Industries and Communal Economy]. Moscow, vol. 3, nos. 1-2, Jan.-Feb. 1962.

MIASNAIA INDUSTRIIA SSSR [MEAT INDUSTRY OF THE U.S.S.R.]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot and TSentral'noe pravlenie NTO pishchevoi promyshlennosti [State Committee of the Council of Ministers of the U.S.S.R. on the Coordination of Research and the Central Administration of the Scientific Technological Society of the Food Industry]. Moscow, vol. 32, no. 6, 1961.

MUKOMOL'NO-ELEVATORNAIA PROMYSHLENNOST' [FLOUR MILLING AND GRAIN STORAGE]. Organ of Gosudarstvennyi komitet zagotovok Soveta Ministrov SSSR [State Committee for Procurement of the Council of Ministers of the U.S.S.R.]. Moscow, vol. 27, nos. 9, 12, Sep., Dec. 1961.

OBSHCHESTVENNOE PITANIE [PUBLIC FOOD SERVICE] Issued by Ministerstvo torgovli RSFSR [Ministry of Commerce of the R.S.F.S.R.]. Moscow, no. 11, Nov. 1961.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; tekhnologiia legkoi promyshlennosti [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Technology of Light Industry]. Moscow, no. 1(25), 1962.

*SVAROCHNOE PROIZVODSTVO [WELDING PRACTICE]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot [State Committee of the Council of Ministers of the U.S.S.R. on the Coordination of Research] and others. Moscow, no. 2(302), Feb. 1962.

TEKSTIL'NAIA PROMYSHLENNOST' [TEXTILE INDUSTRY]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva legkoi promyshlennosti [State Committee of the Council of Ministers of the U.S.S.R. on Coordination of Research and the Central Administration of the Scientific Technological Society of Light Industry]. Moscow, vol. 21, nos. 6, 12, June, Dec. 1961.

g. MECHANICAL ENGINEERING

AKADEMIIA NAUK SSSR. Institut mashinovedeniia. Trudy Seminar po tochnosti v mashinostroenii i priborostroenii [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Mechanical Engineering. Transactions. Seminar on Precision in Machinery and Instrument Manufacture]. Moscow, no. 16, 1961.

AKADEMIIA NAUK URSR, Kiev. Instytut teploenergetyky. Zbirnyk prats' [ACADEMY OF SCIENCES OF THE UKRAINIAN S.S.R. Institute of Heat Energy. Collected Papers]. Kiev, no. 23, 1961.

AVTOMOBIL'NAIA PROMYSHLENNOST' [AUTOMOBILE INDUSTRY]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroeniiu [State Committee of the Council of Ministers of the U.S.S.R. for Automation and Machinery Manufacture]. Moscow, vol. 28, nos. 1-2, Jan.-Feb. 1962.

AVTOMOBIL'NYI TRANSPORT [AUTOMOTIVE TRANSPORTATION]. Issued by Ministerstvo avtomobil'nogo transporta i shosseinykh dorog RSFSR and TSentral'nyi komitet Profsoiuza rabotnikov sviazi, rabochikh avtomobil'nogo transporta i shosseinykh dorog [Ministry of Automotive Transport and Highways of the R.S.F.S.R. and the Central Committee of the Trade Union of Communication, Automotive Transport, and Highway Workers]. Moscow, vol. 40, no. 2, Feb. 1962.

ELEKTRICHESKAIA I TEPLOVOZNAIA TIAGA [ELECTRIC AND DIESEL LOCOMOTIVE TRACTION]. Issued by Ministerstvo putei soobshcheniia SSSR [Ministry of Railroad Transportation of the U.S.S.R.]. Moscow, vol. 6, no. 2(62), Feb. 1962.

ENERGOMASHINOSTROENIE [POWER MACHINERY CONSTRUCTION]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroeniiu [State Committee of the Council of Ministers of the U.S.S.R. for Automation and Machinery Manufacture]. Moscow, vol. 8, nos. 2-3, Feb.-Mar. 1962.

INZHENERNYI ZHURNAL [ENGINEERING JOURNAL]. Organ of Otdelenie tekhnicheskikh nauk and Institut mekhaniki Akademii nauk SSSR [Department of Technological Sciences and the Institute of Mechanics of the Academy of Sciences of the U. S. S. R.]. Moscow, vol. 1, no. 3, 1961.

KHARKOV. INSTYTUT INZHENERIV ZALIZNYCHNOHO TRANSPORTU. Trudy [INSTITUTE OF ENGINEERS OF RAILROAD TRANSPORTATION. Transactions]. Moscow, no. 41, 1961

KONSTRUIROVANIE I TEKHNOLOGIIA MASHINOSTROENIIA [DESIGN AND TECHNOLOGY IN MACHINERY MANUFACTURE]. Issued by Nauchno-issledovatel'skii i proektno-tekhnologicheskii institut mashinostroeniia [Scientific Research, Design, and Technological Institute of Machinery Manufacture]. Moscow, no. 1, 1961

[MICROFILM]

KUZNECHNO-SHTAMPOVOCHNOE PROIZVODSTVO [FORGING AND STAMPING]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroeniiu and Nauchno-tekhnicheskoe obshchestvo mashinostroitel'noi promyshlennosti [State Committee of the Council of Ministers of the U.S.S.R. for Automation and Machinery Manufacture and the Scientific Technological Society of the Machinery Industry]. Moscow, vol. 4, no. 2, Feb. 1962.

MASHINOSTROENIE [MACHINERY MANUFACTURE]. Issued by Institut tekhnicheskoi informatsii Gosudarstvennogo komiteta Soveta Ministrov USSR po koordinatsii nauchno-issledovatel'skikh rabot [Institute of Technical Information of the State Committee of the Council of Ministers of the Ukrainian S. S. R. for the Coordination of Research]. Kiev, no. 1, Jan.-Feb. 1962.

MASHINOSTROITEL' [MACHINE BUILDER]. Organ of Nauchno-tekhnicheskoe obshchestvo mashinostroitel'noi promyshlennosti [Scientific-Technological Society of the Machinery Manufacturing Industry]. Moscow, no. 2, Feb. 1962.

MEKHANIKA; periodicheskii sbornik perevodov inostrannykh statei [MECHANICS; Translations of Foreign Articles]. Published by Izd-vo inostrannoi lit-ry [Publishing House of Foreign Literature]. Moscow, vol. 13, no. 1(71), 1962.

MOSCOW. AVTOMOBIL'NO-DOROZHNYI INSTITUT. Trudy [AUTOMOBILE AND HIGHWAY INSTITUTE. Transactions]. No. 26, 1960.

MOSCOW. MOSKOVSKII INSTITUT INZHENEROV ZHELEZNODOROZHNOGO TRANSPORTA. Trudy [MOSCOW INSTITUTE OF ENGINEERS OF RAILROAD TRANSPORTATION. Transactions]. No. 141, 1961.

MOSCOW. TEKHNOLOGICHESKII INSTITUT LEGKOI PROMYSHLENNOSTI. Nauchnye trudy [TECHNOLOGICAL INSTITUTE OF LIGHT INDUSTRY. Studies] No. 18, 1960.

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT ZHELEZNODOROZHNOGO TRANSPORTA. Vestnik [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF RAILROAD TRANSPORTATION. Journal]. Vol. 21, no. 1, 1962.

*PRIBOROSTROENIE [INSTRUMENT MANUFACTURE]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroeniiu and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva priborostroitel'noi promyshlennosti [State Committee of the Council of Ministers of the U. S. S. R. for Automation and Machinery Manufacture and the Central Administration of the Scientific Technological Society of the Instrument Industry]. Moscow, no. 2, Feb. 1962.

REFERATIVNYI ZHURNAL: MASHINOSTROENIE [JOURNAL OF ABSTRACTS: MACHINERY MANUFACTURE]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 2, Jan. 1962. Predmetnyi ukazatel' za 1960 g. [Subject Index for 1960].

RUSSIA (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; mashinostroenie [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Machine Building]. Moscow, no. 12, 1961.

RUSSIA (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; priborostroenie. [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Instrument Manufacture]. Moscow, vol. 5, no. 1, 1962.

*STANKI I INSTRUMENT [MACHINE TOOLS AND THEIR CUTTING TOOLS]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroeniiu and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva mashinostroitel'noi promyshlennosti [State Committee of the Council of Ministers of the U. S. S. R. for Automation and Machinery Manufacture and the Central Administration of the Scientific Technological Society of the Machinery Industry]. Moscow, vol. 33, nos. 1, 3, Jan., Mar. 1962.

*TEPLOENERGETIKA [HEAT ENGINEERING]. Organ of Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.] and others. Moscow, vol. 9, nos 2-3, Feb.-Mar. 1962.

TRAKTORY I SEL'KHOZMASHINY [TRACTORS AND AGRICULTURAL MACHINERY]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroeniiu [State Committee of the Council of Ministers of the U. S. S. R. for Automation and Machinery Manufacture]. Moscow, vol 32, nos. 1-3, Jan.-Mar. 1962.

ZA RULEM [AT THE WHEEL]. Issued by Vsesoiuznoe dobrovol'noe obshchestvo sodeistviia armii, aviatsii i flotu [All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy]. Moscow, vol. 20, no. 1, Jan. 1962.

h. MINING & METALLURGY

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Izvestiia. Seriia gornogo dela [ACADEMY OF SCIENCES OF THE KAZAKH S. S. R. Bulletin. Series in Mining]. Alma-Ata, nos. 1(14)-2(15), 1961.

*AKADEMIIA NAUK SSSR. Izvestiia. Otdelenie tekhnicheskikh nauk. Metallurgiia i toplivo [ACADEMY OF SCIENCES OF THE U. S. S. R. Bulletin. Department of Technological Sciences. Metallurgy and Fuel]. Moscow, no. 1, Jan.-Feb. 1962.

AKADEMIIA NAUK URSR, Kiev. Instytut chornoi metalurgii. Trudy [ACADEMY OF SCIENCES OF THE UKRAINIAN S. S. R. Institute of Ferrous Metallurgy. Transactions]. Kiev, vol. 15, 1961. Prokatnoe proizvodstvo [Metal Rolling], no. 3.

AKADEMIIA NAUK URSR, Kiev. Instytut geologichnykh nauk. Trudy. Seriia geologii mestorozhdenii poleznykh iskopaemykh [ACADEMY OF SCIENCES OF THE UKRAINIAN S. S. R. Institute of Geological Sciences. Transactions. Series in the Geology of Mineral Deposits]. Kiev, no. 7, 1961.
Contents: Belevtsev, IA. N. [Structural conditions in the formation of ore deposits] Strukturnye usloviia obrazovaniia rudnykh mestorozhdenii, 232 p.

AKADEMIIA NAUK URSR, Kiev. Instytut hirnychoi spravy. Sbornik trudov [ACADEMY OF SCIENCES OF THE UKRAINIAN S. S. R. Institute of Mining. Collected Papers]. Kiev, no. 8(17), 1961.

AKADEMIIA NAUK URSR, Kiev. Instytut metalokeramiky i spetsial'nykh splaviv. Biulleten' [ACADEMY OF SCIENCES OF THE UKRAINIAN S. S. R. Institute of Ceramic Metals and Special Alloys. Bulletin]. Kiev, no. 6, 1961.

ALMA-ATA. KAZAKHSKII GORNO-METALLURGICHESKII INSTITUT. Sbornik nauchnykh trudov [KAZAKH INSTITUTE OF MINING AND METALLURGY. Collection of Scientific Papers]. Moscow, no. 18, 1959.

AZERBAIDZHANSKOE NEFTIANOE KHOZIAISTVO [AZERBAIJAN PETROLEUM INDUSTRY]. Organ of Sovet narodnogo khoziaistva Azerbaidzhanskoi SSR and Gosudarstvennyi komitet Soveta Ministrov Azerbaidzhanskoi SSR po koordinatsii nauchno-issledovatel'skikh rabot [Economic Council of the Azerbaijan S. S. R. and the State Committee of the Council of Ministers of the Azerbaijan S. S. R. on the Coordination of Research]. Baku, vol. 40, no. 8(422), Aug. 1961.

*GEOLOGIIA NEFTI I GAZA [THE GEOLOGY OF PETROLEUM AND GAS]. Issued by Ministerstvo geologii i okhrany nedr SSSR and Glavnoe upravlenie gazovoi promyshlennosti pri Sovete Ministrov SSSR [The Ministry of Geology and the Conservation of Mineral Resources of the U. S. S. R. and the Main Administration of the Gas Industry, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, vol. 6, no. 2, Feb. 1962.

*GEOLOGIIA RUDNYKH MESTOROZHDENII [GEOLOGY OF ORE DEPOSITS]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, no. 1, Jan.-Feb. 1962.

GORNYI ZHURNAL [MINING JOURNAL]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot and TSentral'nye pravleniia Nauchno-tekhnicheskikh obshchestv chernoi i tsvetnoi metallurgii [State Committee of the Council of Ministers of the U. S. S. R. on Coordination of Research and the Central Administration of the Scientific Technological Societies of Ferrous and Nonferrous Metallurgy]. Moscow, nos. 7, 10-12, July, Oct.-Dec. 1961.

GROZNY. GROZNENSKII NEFTIANOI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT. Trudy [GROZNY PETROLEUM RESEARCH INSTITUTE. Transactions]. No. 10, 1961.

LENINGRAD. GORNYI INSTITUT. Zapiski [INSTITUTE OF MINING. Records]. Vol. 39, no. 2, 1961.

*LITEINOE PROIZVODSTVO [FOUNDRY PRACTICE]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot [State Committee of the Council of Ministers of the U. S. S. R. on the Coordination of Research] and others. Moscow, no. 2, Feb. 1962

*METALLOVEDENIE I TERMICHESKAIA OBRABOTKA METALLOV [METALS AND HEAT TREATMENT OF METALS]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroeniiu and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva mashinostroitel'noi promyshlennosti [State Committee of the Council of Ministers of the U. S. S. R. for Automation and Machinery Manufacture and the Central Administration of the Scientific Technological Society of the Machinery Industry]. Moscow, no. 3, Mar. 1962.

*METALLURG [METALLURGIST]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot and TsK Profsoiuza rabochikh metallurgicheskoi promyshlennosti [State Committee of the Council of Ministers of the U. S. S. R. on the Coordination of Research and the Central Committee of Trade Unions of Workers in the Metallurgical Industry]. Moscow, vol. 7, no. 3, Mar. 1962.

MOSCOW. GOSUDARSTVENNYI NAUCHNO-ISSLEDOVATEL'SKII PROEKTNYI INSTITUT PO OBRABOTKE TSVETNYKH METALLOV. Trudy [STATE SCIENTIFIC RESEARCH AND PLANNING INSTITUTE FOR THE PROCESSING OF NONFERROUS METALS. Transactions]. No. 20, 1961.

NEFTIANIK [THE PETROLEUM WORKER]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot and TsK Profsoiuza rabochikh neftianoi i khimicheskoi promyshlennosti [State Committee of the Council of Ministers of the U. S. S. R. on the Coordination of Research and the Central Committee of the Trade Union of Workers of the Petroleum and Chemical Industries]. Moscow, vol. 7, nos. 1-2, Jan.-Feb. 1962.

NEFTIANOE KHOZIAISTVO [PETROLEUM INDUSTRY]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva neftianoi i gazovoi promyshlennosti [State Committee of the Council of Ministers of the U. S. S. R. on the Coordination of Research and the Central Administration of the Scientific Technological Society of the Petroleum and Gas Industry]. Moscow, vol. 40, no. 1, Jan. 1962.

OBOGASHCHENIE I BRIKETIROVANIE UGLEI [COAL PREPARATION AND BRIQUETTING]. Issued by Vsesoiuznyi proektno-konstruktorskii i nauchno-issledovatel'skii institut po obogashcheniiu i briketirovaniiu uglei [All-Union Planning, Design, and Research Institute for Coal Preparation and Briquetting]. Moscow, no. 17, 1961.

REFERATIVNYI ZHURNAL: GORNOE DELO [JOURNAL OF ABSTRACTS: MINING]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 2-3, Feb.-Mar. 1962.

REFERATIVNYI ZHURNAL: METALLURGIIA [JOURNAL OF ABSTRACTS: METALLURGY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 2, Feb. 1962.

RUSSIA (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; chernaia metallurgiia [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Ferrous Metallurgy]. Moscow, vol. 5, no. 1, 1962.

RUSSIA (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, geologiia i razvedka [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Geology and Prospecting]. Moscow, vol. 4, nos. 11-12, Nov.-Dec. 1961, vol. 5, no. 1, 1962.

RUSSIA (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, neft' i gaz [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Petroleum and Gas]. Moscow, vol. 4, no. 5, 1961.

RUSSIA (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, tsvetnaia metallurgiia [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Nonferrous Metallurgy]. Moscow, vol. 5, no. 1, 1962.

SHAKHTNOE STROITEL'STVO [MINE CONSTRUCTION]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U. S. S. R. for Construction] Moscow, vol. 6, no. 2, Feb. 1962.

*STAL' [STEEL]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva chernoi metallurgii [State Committee of the Council of Ministers of the U. S. S. R. on the Coordination of Research and the Central Administration of the Scientific Technological Society of Ferrous Metallurgy]. Moscow, vol. 22, no. 2, Feb. 1962.

TITAN I EGO SPLAVY [TITANIUM AND ITS ALLOYS] Issued by Institut metallurgii Akademii nauk SSSR [Institute of Metallurgy of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 5, 1961.

*TSVETNYE METALLY [NONFERROUS METALS]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot and TSentral'noe pravlenie Nauchno tekhnicheskogo obshchestva tsvetnoi metallurgii [State Committee of the Council of Ministers of the U. S. S. R. on the Coordination of Research and the Central Administration of the Scientific Technological Society of Nonferrous Metallurgy]. Moscow, vol. 35, no. 2, Feb. 1962.

UGOL' [COAL]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva [State Committee of the Council of Ministers of the U. S. S. R. on the Coordination of Research and the Central Administration of the Scientific Technological Mining Society]. Moscow, vol. 36, no. 7(424), July 1961, vol. 37, nos. 1(430)-3(432), Jan.-Mar. 1962

UGOL' UKRAINY [COAL OF THE UKRAINE]. Kiev, vol. 6, nos. 1-2, Jan.-Feb. 1962.

VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT *TVERDYKH SPLAVOV*. Sbornik trudov [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF HARD ALLOYS. Papers]. Moscow, no. 2, 1960

VSESOIUZNYI NEFTEGAZOVYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT. Krasnodarskii filial Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF PETROLEUM AND NATURAL GAS. Krasnodar Branch. Transactions]. Moscow, no. 6, 1961

VZRYVNOE DELO [BLASTING]. Issued by Nauchno-tekhnicheskoe gornoe obshchestvo [Scientific Technological Mining Society]. Moscow, no. 47/4, 1961.

*ZAVODSKAIA LABORATORIIA [THE FACTORY LABORATORY]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot [State Committee of the Council of Ministers of the U. S. S. R. on the Coordination of Research]. Moscow, vol. 28, no. 1, 1962.

17. MILITARY & NAVAL SCIENCES

a. MILITARY SCIENCE

KOMMUNIST VOORUZHENNYKH SIL [COMMUNIST OF THE ARMED FORCES]. Issued by Glavnoe politicheskoe upravlenie Sovetskoi Armii i Voenno-Morskogo Flota [Main Political Administration of the Soviet Army and Navy]. Moscow, vol. 2, nos. 4-5, Feb.-Mar. 1962.

NASHI VESTI [OUR NEWS]. Published by Soiuz chinov Russkogo korpusa [The Association of Members of the Russian Corps]. New York, vol. 18, no. 169, Mar. 1962.

SOVETSKII VOIN [SOVIET SOLDIER]. Issued by Glavnoe politicheskoe upravlenie Sovetskoi Armii i Voenno-Morskogo Flota [Main Political Administration of the Soviet Army and Navy] Moscow, vol. 43, no. 22(946), Nov. 1961.

STARSHINA - SERZHANT [NONCOMMISSIONED OFFICERS]. Issued by Ministerstvo oborony SSSR [Ministry of Defense of the U. S. S. R.]. Moscow, nos. 9(12)-11(14), Sep.-Oct. [i. e.] Nov 1961.

VESTNIK PROTIVOVOZDUSHNOI OBORONY [AIR DEFENSE REVIEW]. Published by Voennoe Izdatel'stvo Ministerstva oborony SSSR [Military Publishing House of the Ministry of Defense of the U. S. S. R.]. Moscow, no. 10, Oct. 1961.

VESTNIK VOZDUSHNOGO FLOTA [REVIEW OF THE AIR FORCE]. Issued by Upravlenie Voenno-Vozdushnykh Sil [Administration of the Air Force]. Moscow, *nos. 10-11, Oct.-Nov. 1961.*

VOENNYE ZNANIIA [MILITARY KNOWLEDGE]. Organ of Vsesoiuznoe dobrovol'noe obshchestvo sodeistviia armii, aviatsii i flotu [All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy]. Moscow, vol. 38, nos. 1-3, Jan.-Mar. 1962.

VOENNYI VESTNIK [MILITARY REVIEW]. Organ of Ministerstvo oborony SSSR [Ministry of Defense of the U. S. S. R.]. Moscow, vol. 41, no. 10, Oct. 1961.

b. NAVAL SCIENCE

LENINGRAD. INSTITUT VODNOGO TRANSPORTA. Trudy [INSTITUTE OF WATER TRANSPORTATION. Transactions]. Nos. 6, 7, 8, 1960.

LENINGRAD. KORABLESTROITEL'NYI INSTITUT. Trudy [SHIPBUILDING INSTITUTE. Transactions] Nos. 30-32, 1960.

LENINGRAD. TSENTRAL'NYI NAUCHNO-ISSLEDOVATEL'SKII *INSTITUT MORSKOGO FLOTA*. Informatsionnyi sbornik [CENTRAL SCIENTIFIC RESEARCH INSTITUTE OF THE MERCHANT MARINE. Information Bulletin]. No. 52, 1960. Tekhnicheskaia ekspluatatsiia morskogo flota [Operation and Maintenance of Merchant Ships], no. 5.

MORSKOI FLOT [THE MERCHANT MARINE]. Issued by Ministerstvo morskogo flota SSSR [Ministry of the Merchant Marine of the U. S. S. R.]. Moscow, vol. 23, no. 3, Mar. 1962.

PART C

List of Periodicals Indexed and Abbreviations Used

† Titles listed for the first time

Agrobiologiia (15a)	Agrobiologiia [Agrobiology]
Annot.ukaz.lit. po radioelek. (16e)	Annotirovannyi ukazatel' literatury po radioelektronike [Annotated Bibliography on Electronics]
Antibiotiki (14f)	Antibiotiki [Antibiotics]
Apt.delo (14f)	Aptechnoe delo [Pharmacy]
Arkh.anat.,gist.i embr. (13c)	Arkhiv anatomii, gistologii i embriologii [Archives of Anatomy, Histology, and Embryology]
Arkh.pat. (14e)	Arkhiv patologii [Archives of Pathology]
Arkhit.nas. (10b)	Arkhitekturnoe nasledstvo [Architectural Heritage]
Astron.zhur. (13b)	Astronomicheskii zhurnal [Journal of Astronomy]
Atom.energ. (16a)	Atomnaia energiia [Atomic Energy]
Atom.tekh.za rub. (16a)	Atomnaia tekhnika za rubezhom [Nuclear Engineering Abroad]
Avt.dor. (16d)	Avtomobil'nye dorogi [Highways]
Avt prom. (16g)	Avtomobil'naia promyshlennost' [Automobile Industry]
Avt.transp. (16g)	Avtomobil'nyi transport [Automotive Transportation]
Avtom.i telem. (16e)	Avtomatika i telemekhanika [Automatic and Remote Control]
Avtom.svar. (16f)	Akademiia nauk URSR, Kiev. Instytut elektrozvariuvannia. Avtomaticheskaia svarka [Academy of Sciences of the Ukrainian S.S.R. Institute of Electric Welding. Automatic Welding]
Avtomatyka (16e)	Avtomatyka [Automatic Control]. In Ukrainian.
Az.i Afr.segodnia (1b)	Aziia i Afrika segodnia [Asia and Africa Today]
Azerb.med.zhur. (14a)	Azerbaichan tibb zhurnaly. Azerbaidzhanskii meditsinskii zhurnal [Azerbaijan Medical Journal]
Azerb.neft.khoz. (16h)	Azerbaidzhanskoe neftianoe khoziaistvo [Azerbaijan Petroleum Industry]
Belarus' (1b)	Belarus' [White Russia]. In White Russian.
Bezop.truda v prom. (5d)	Bezopasnost' truda v promyshlennosti [Industrial Safety]
Bibl.ukaz.Mir tsentra dan. MGG B1 (2a)	Mirovoi tsentr dannykh MGG B1 Bibliograficheskii ukazatel' [IGY World Data Center B1. Bibliography]
Bibliot.SSSR (2b)	Biblioteki SSSR [Libraries of the U.S.S.R.]
Bibliotekar' (2b)	Bibliotekar' [The Librarian]
Bibliotekoved.i bibl.za rub. (2b)	Bibliotekovedenie i bibliografiia za rubezhom [Library Science and Bibliography Abroad]
Biol.v shkole (13c)	Biologiia v shkole [Biology in Schools]
Biul.Glav bot.sada (13c)	Moscow. Glavnyi botanicheskii sad. Biulleten' [Main Botanical Garden. Bulletin]
Biul.Gos.kom. po vop.truda i zar.platy (7)	Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po voprosam truda i zarabotnoi platy. Biulleten' [State Committee on Problems of Labor and Wages. Bulletin]
Biul.Inst.metaloker. i spets.splav. AN URSR (16h)	Akademiia nauk URSR, Kiev. Instytut metalokeramiky i spetsial'nykh splaviv. Biulleten' [Academy of Sciences of the Ukrainian S.S.R. Institute of Ceramic Metals and Special Alloys. Bulletin]
Bixl.Ispol.kom. Mosk.gor.sov. (6)	Moscow. Ispolnitel'nyi komitet. Biulleten' [Executive Committee. Bulletin]
Biul.izobr. (16a)	Biulleten' izobretenii [Bulletin on Inventions]
Biul.MOIP.Otd. geol. (12c)	Moskovskoe obshchestvo ispytatelei prirody. Biulleten'. Otdel geologicheskii [Moscow Naturalists' Society. Bulletin. Geological Section]
Biul.Min.vys.i sred.spets.obr. SSSR (8a)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Biulleten' [Ministry of Higher and Secondary Specialized Education. Bulletin]
Biul.nauch.inform.: trud i zar.plata (5d)	Biulleten' nauchnoi informatsii: trud i zarabotnaia plata [Bulletin of Scientific Information: Labor and Wages]
Biul.seism.sta. "Apatity" (12c)	†Apatity. Seismicheskaia stantsiia. Biulleten' [Seismic Station. Bulletin]
Biul.tekh.-ekon. inform. (16a)	Moscow. TSentral'nyi institut tekhniko-ekonomicheskoi informatsii. Biulleten' tekhniko-ekonomicheskoi informatsii [Central Institute of Technical and Economic Information. Bulletin of Technical and Economic Information]
Biul.TSentr.nauch. sel'khoz bibliot (15a)	†Moscow TSentral'naia nauchnaia sel'skokhoziaistvennaia biblioteka. Biulleten' [Central Agricultural Library. Bulletin]
Biul.Verkh.Suda (7)	Russia(1923- U.S.S.R.) Verkhovnyi Sud. Biulleten' [Supreme Court. Bulletin]
Biul.Vulk.sta. (12a)	Akademiia nauk SSSR Kamchatskaia vulkanologicheskaia stantsiia. Biulleten' Vulkanologicheskoi stantsii [Academy of Sciences of the U.S.S.R. Kamchatka Volcanic Station Bulletin of the Volcanic Station]
Bot.zhur. (13c)	Botanicheskii zhurnal [Botanical Journal]
Bukhg.uchet. (5a)	Bukhgalterskii uchet [Accounting]
Den.i kred. (5c)	Den'gi i kredit [Money and Credit]
Der.prom. (16f)	Derevoobrabatyvaiushchaia promyshlennost' [Woodworking Industry]
Dokl.AN Arm.SSR (13a)	Akademiia nauk Armianskoi SSR, Erivan. Doklady [Academy of Sciences of the Armenian S.S.R. Reports]
Dokl.AN Azerb.SSR (13a)	Akademiia nauk Azerbaidzhanskoi SSR, Baku. Doklady [Academy of Sciences of the Azerbaijan S.S.R. Reports]
Dokl.AN SSSR (13a)	Akademiia nauk SSSR. Doklady [Academy of Sciences of the U.S.S.R. Reports]
Dokl.AN BSSR (13a)	Akademiia nauk BSSR, Minsk. Doklady [Academy of Sciences of the White Russian S.S.R. Reports]
Dokl.APN (8a)	Akademiia pedagogicheskikh nauk RSFSR, Moscow. Doklady [Academy of Pedagogical Sciences of the R.S.F.S.R. Reports]
Dokl.i soob. VNIESKH (5b)	Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut ekonomiki sel'skogo khoziaistva. Doklady i soobshcheniia [All-Union Scientific Research Institute of Agricultural Economics. Reports and Papers]
Dop.AN URSR (13a)	Akademiia nauk URSR, Kiev. Dopovidi [Academy of Sciences of the Ukrainian S.S.R. Reports]. In Ukrainian.
Doshk.vosp. (8a)	Doshkol'noe vospitanie [Preschool Education]
Ekon.sel'khoz. (15a)	Ekonomika sel'skogo khoziaistva [Economics of Agriculture]
Ekon.Sov.Ukr. (5b)	Ekonomika Sovetskoi Ukrainy [Economics of the Soviet Ukraine]
Ekon.strol. (5b)	Ekonomika stroitel'stva [Economics of Construction]
Elek.i tepl.tiaga (16g)	Elektricheskaia i teplovoznaia tiaga [Electric and Diesel Locomotive Traction]
Elektrichestvo (16e)	Elektrichestvo [Electricity]
Elektrosila (16e)	Elektrosila; sbornik [Electric Power; Collected Papers]
Elektrosviaz' (16e)	Elektrosviaz' [Telecommunication]
Energetik (16e)	Energetik [Electric Power Technician]
Energomashinostroenie (16g)	Energomashinostroenie [Power Machinery Construction]
Etn.sbor. (12a)	†Etnograficheskii sbornik [Ethnographic Papers]
Fel'd.i akush. (14g)	Fel'dsher i akusherka [Feldsher and Midwife]
Fin.SSSR (5c)	Finansy SSSR [Finance of the U.S.S.R.]
Fiz.tver.tela (13f)	Fizika tverdogo tela [Solid State Physics]
Fiziol.zhur. (13c)	Fiziologicheskii zhurnal SSSR [Physiological Journal of the U.S.S.R.]
Fiziol.zhur. [Ukr.] (13c)	Fiziologichnyi zhurnal [Physiological Journal]. In Ukrainian.
Flora SSSR (13c)	Akademiia nauk SSSR. Botanicheskii institut. Flora SSSR [Academy of Sciences of the U.S.S.R. Botanical Institute. Flora of the U.S.S.R.]
GOST (16a)	GOST (Gosudarstvennyi standart) [State Standard]
Gaz.prom. (16c)	Gazovaia promyshlennost' [Gas Industry]
Geog.v shkole (12b)	Geografiia v shkole [Geography in Schools]
Geokhimiia (12c)	Geokhimiia [Geochemistry]
Geol.i geofiz. (12c)	Geologiia i geofizika [Geology and Geophysics]
Geol.nefti i gaza (16h)	Geologiia nefti i gaza [The Geology of Petroleum and Gas]
Geol.rud.mestorozh. (16h)	Geologiia rudnykh mestorozhdenii [Geology of Ore Deposits]
Geol.zhur. (12c)	Geologichnyi zhurnal [Geological Journal]. In Ukrainian.
Geomag.i aer. (13f)	Geomagnetizm i aeronomiia [Geomagnetism and Aeronomy]

Gidr. stroi (16d)	Gidrotekhnicheskoe stroitel'stvo [Hydrotechnical Construction]
Gig. truda i prof. zab. (14g)	Gigiena truda i professional'nye zabolevaniia [Labor Hygiene and Occupational Diseases]
Gidrokhim. mat. (13d)	Gidrokhimicheskie materialy [Materials on Hydrochemistry]
Gor. zhur. (16h)	Gornyi zhurnal [Mining Journal]
Grazhd. av. (16b)	Grazhdanskaia aviatsiia [Civil Aviation]
Grud. khir. (14h)	Grudnaia khirurgiia [Thoracic Surgery]
Inform. biul. nov. inostr. knig. postup. v Bibl. im V. I. Len. Ser. 1 (2a)	Moscow. Publichnaia biblioteka. Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V. I. Lenina. Seriia 1 Fiziko-matematicheskie, khimicheskie i geologo-geograficheskie *nauki; tekhnika i tekhnicheskie nauki* [Public Library Information Bulletin of New Foreign Books, Received by the Lenin Library. Series 1: Physical, Mathematical, Chemical, Geological and Geographical Sciences, Technology and Technological Sciences]
Inform. sbor. TSNIIMF. Tekh. ekspl. mor. flota (17b)	Leningrad. TSentral'nyi nauchno-issledovatel'skii institut morskogo flota. Informatsionnyi sbornik. Tekhnicheskaia ekspluatatsiia morskogo flota [Central Scientific Research Institute of the Merchant Marine. Information Bulletin. Operation and Maintenance of Merchant Ships]
Inform. ukaz. bibl. spis. i kart. (2a)	Informatsionnyi ukazatel' bibliograficheskikh spiskov i kartotek, sostavlennykh bibliotekami Sovetskogo Soiuza [Information Index of Bibliographical Lists and Card Files. Compiled by the Libraries of the Soviet Union]
Inzh. zhur. (16g)	Inzhenernyi zhurnal [Engineering Journal]
Isk. kino (9a)	Iskusstvo kino [Cinema Art]
Iskusstvo (10a)	Iskusstvo [Art]
Issl. po int.-diff. urav. v Kir. (13a)	† Issledovaniia po integro-differentsial'nym uravneniiam v Kirgizii [Studies on Integrodifferential Equations in Kirghizia]
Issl. po uprug. i plast. (13f)	†Issledovaniia po upругosti i plastichnosti [Studies on Elasticity and Plasticity]
Ist.-filol. zhur. (4a)	Akademiia nauk Armianskoi SSR, Erivan. Istoriko-filologicheskii zhurnal [Academy of Sciences of the Armenian S.S.R. Historical and Philological Review]
Ist. zap. (4a)	Istoricheskie zapiski [Historical Records]
IUn. tekh. (16a)	IUnyi tekhnik [Young Technician]
Izm. tekh. (16a)	Izmeritel'naia tekhnika [Measurement Techniques]
Izobr. i rats. (16a)	Izobretatel' i ratsionalizator [Inventor and Efficiency Promoter]
Izv. AN Arm. SSR. Biol. nauki (13c)	Akademiia nauk Armianskoi SSR, Erivan. Izvestiia. Biologicheskie nauki [Academy of Sciences of the Armenian S.S.R. Bulletin. Biological Sciences]
Izv. AN Arm. SSR. Obshchestv. nauki (1a)	Akademiia nauk Armianskoi SSR, Erivan. Izvestiia. Obshchestvennye nauki [Academy of Sciences of the Armenian S.S.R. Bulletin. Social Sciences]. In Russian and Armenian.
Izv. AN Arm. SSR. Ser. fiz.-mat. nauk (13a)	Akademiia nauk Armianskoi SSR, Erivan. Izvestiia. Seriia fiziko-matematicheskikh nauk [Academy of Sciences of the Armenian S.S.R. Bulletin. Series in Physical and Mathematical Sciences]
Izv. AN Azerb. SSR. Ser. fiz.-mat. i tekh. nauk (1a)	Akademiia nauk Azerbaidzhanskoi SSR, Baku. Izvestiia. Seriia fiziko-matematicheskikh i tekhnicheskikh nauk [Academy of Sciences of the Azerbaijan S.S.R. Bulletin. Series in the Physical, Mathematical, and Technological Sciences]
Izv. AN Kazakh. SSR. Ser. bot. i pochv. (13c)	Akademiia nauk Kazakhskoi SSR, Alma-Ata. Izvestiia. Seriia botaniki i pochvovedeniia [Academy of Sciences of the Kazakh S.S.R. Bulletin. Series in Botany and Soil Science]
Izv. AN Kazakh. SSR. Ser. gor. dela (16h)	Akademiia nauk Kazakhskoi SSR, Alma-Ata. Izvestiia. Seriia gornogo dela [Academy of Sciences of the Kazakh S.S.R. Bulletin. Series in Mining]
Izv. AN Kir. SSR. Ser. obshchestv. nauk (1a)	Akademiia nauk Kirgizskoi SSR, Frunze. *Izvestiia. Seriia obshchestvennykh nauk* [Academy of Sciences of the Kirghiz S.S.R. *Bulletin. Series in the Social Sciences*]
Izv. AN Latv. SSR (1a)	Latvijas Padomju Socialistiskas Republikas Zinatnu akademija. Vestis. Izvestiia Akademii nauk Latviiskoi SSR [Academy of Sciences of the Latvian S.S.R. Bulletin]
Izv. AN SSSR. Otd. khim. nauk (13d)	Akademiia nauk SSSR. Izvestiia. Otdelenie khimicheskikh nauk [*Academy of Sciences* of the U.S.S.R. Bulletin. Department of Chemical Sciences]
Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. (16h)	Akademiia nauk SSSR. Izvestiia. Otdelenie tekhnicheskikh nauk. Metallurgiia i toplivo [Academy of Sciences of the U.S.S.R. *Bulletin.* Department of Technological
Izv. AN SSSR. Ser. fiz. (13f)	Akademiia nauk SSSR. Izvestiia. Seriia fizicheskaia [Academy of Sciences of the U.S.S.R. Bulletin. Physical Series]
Izv. AN SSSR. Ser. geofiz. (13f)	Akademiia nauk SSSR. Izvestiia. Seriia geofizicheskaia [Academy of Sciences of the U.S.S.R. Bulletin. Geophysical Series]
Izv. AN SSSR. Ser. geog. (12b)	Akademiia nauk SSSR. Izvestiia. Seriia geograficheskaia [Academy of Sciences of the U.S.S.R. Bulletin. Geographical Series]
Izv. AN SSSR. Ser. geol. (12c)	Akademiia nauk SSSR. Izvestiia. Seriia geologicheskaia [Academy of Sciences of the U.S.S.R. Bulletin, Geological Series]
Izv. AN SSSR. Ser. mat. (13a)	Akademiia nauk SSSR. Izvestiia. Seriia matematicheskaia [Academy of Sciences of the U.S.S.R. Bulletin. Mathematical Series]
Izv. AN Turk. SSR. Ser. obshchestv. nauk	Akademiia nauk Turkmenskoi SSR, Ashkhabad. Izvestiia. Seriia obshchestvennykh nauk [Academy of Sciences of the Turkmen S.S.R. Bulletin. Series in the Social Sciences]
Izv. AN Uz. SSR Ser. obshchestv. nauk (1a)	Akademiia nauk Uzbekskoi SSR, Tashkent. Izvestiia. Seriia obshchestvennykh nauk [Academy of Sciences of the Uzbek S.S.R. Bulletin. Series in the Social Sciences]
Izv. AN Uz. SSR Ser. tekh. nauk (16a)	Akademiia nauk Uzbekskoi SSR, Tashkent. Izvestiia. Seriia tekhnicheskikh nauk [Academy of Sciences of the Uzbek S.S.R. Bulletin. Series in the Technical Sciences]
Izv. Chech.-Ing. nauch.-issl. inst. ist., laz. i lit. (1a)	Grozny. Checheno-Ingushskii nauchno-issledovatel'skii institut istorii, iazyka i literatury. Izvestiia [Chechan-Ingush Research Institute of History, Language, and Literature. Bulletin]
Izv. GosNIORKH (15b)	Leningrad. Gosudarstvennyi nauchno-issledovatel'skii institut ozernogo i rechnogo rybnogo khoziaistva. Izvestiia [State Scientific Research Institute of Lake and River Fisheries. Bulletin]
Izv. Otd. sel'khoz. i biol. nauk AN Tadzh. SSR (15a)	Akademiia nauk Tadzhikskoi SSR, Stalinabad. Otdelenie sel'skokhoziaistvennykh i biologicheskikh nauk. Izvestiia [Academy of Sciences of the Tajik S.S.R. Department of Agricultural and Biological Sciences. *Bulletin*]
Izv. vys. ucheb. zav.; av. tekh. (16b)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh *zavedenii; aviatsionnaia tekhnika* [*Ministry of* Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Aviation Engineering]
Izv. vys. ucheb. zav.; chern. met. (16h)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; chernaia metallurgiia [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Ferrous Metallurgy]
Izv. vys. ucheb. zav.; elektromekh. (16e)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; elektromekhanika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Electrical Machinery and Apparatus]
Izv. vys. ucheb. zav.; energ. (16e)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; energetika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Power Engineering]
Izv. vys. ucheb. zav.; geol. i razv. (16h)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; geologiia i razvedka [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Geology and *Prospecting*]
Izv. vys. ucheb. zav.; mashinostr. (16g)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; mashinostroenie [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Machine Building]
Izv. vys. ucheb. zav.; neft' i gaz (16h)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; neft' i gaz [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Petroleum and Gas]
Izv. vys. ucheb. zav.; pishch. tekh. (16c)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; pishchevaia tekhnologiia [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Food Technology]
Izv. vys. ucheb. zav.; prib. (16g)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; priborostroenie [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Instrument Manufacture]
Izv. vys. ucheb. zav.; stroi. i arkhit. (10b)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; stroitel'stvo i arkhitektura [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Radio Engineering]
Izv. vys. ucheb. zav.; tekh. leg. prom. (16f)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; tekhnologiia legkoi promyshlennosti [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Technology of Light Industry]
Izv. vys. ucheb. zav.; tsvet. met. (16h)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh *zavedenii; tsvetnaia* metallurgiia [Ministry of Higher and Secondary Specialized Education. Bulletin of the *Institutions* of Higher Learning; Nonferrous Metallurgy]
Kauch. i rez. (16c)	Kauchuk i rezina [Crude and Vulcanized Rubber]
Kaz. med. zhur. (14a)	Kazanskii meditsinskii zhurnal [Kazan Medical Journal]
Khim. i tekh. gor. slan. i prod. ikh perer. (16c)	† Eesti NSV Polevkivi Uurimise Instituut. Khimiia i tekhnologiia goriuchikh slantsev i produktov ikh pererabotki [Shale Research Institute of the Estonian S.S.R. Chemistry and Technology of Combustible Shales and Their Products]
Khim. i tekh. polim. (16c)	Khimiia i tekhnologiia polimerov; sbornik perevodov iz inostrannoi periodicheskoi literatury [The Chemistry and Technology of Polymers; Translations From Foreign Periodical Literature]
Khim. i tekh. topl. i masel (16c)	Khimiia i tekhnologiia topliv i masel [Chemistry and Technology of Fuel and Oil]
Khim. mash. (16c)	Khimicheskoe mashinostroenie [Chemical Machinery Manufacture]
Khim. prom. (16c)	Khimicheskaia promyshlennost' [Chemical Industries]
Khirurgiia (14h)	Khirurgiia [Surgery]
Klub (5a)	Klub [The Club]

Klub.kal. (5a)	Klubnyi kalendar' [Community Center Calendar]
Knizhn.let. (2a)	Knizhnaia letopis' [Book Chronicle]
Koks i khim. (16c)	Koks i khimiia [Coke and Chemistry]
Komm.Bel. (6)	Kommunist Belorussii [Communist of White Russia]
Komm.Mold. (6)	Kommunist Moldavii [Communist of Moldavia]
Komm.Vooruzh.Sil. (17a)	Kommunist Vooruzhennykh Sil [Communist of the Armed Forces]
Komsom.zhizn' (5e)	Komsomol'skaia zhizn' [Life of Communist Youth]
Konstr.i tekh. mash. (16g)	⊦ Konstruirovanie i tekhnologiia mashinostroeniia [Design and Technology in Machinery Manufacture]
Koop.Kazakh. (6a)	Kooperator Kazakhstana [The Cooperative Worker of Kazakhstan]
Kraeved.sbor. (12b)	Geograficheskoe obshchestvo SSSR Buriatskii filial. Kraevedcheskii sbornik [Geographic Society of the U.S.S.R. Buryat Branch Regional Studies Papers]
Krat.soob.Inst arkheol (4b)	Akademiia nauk SSSR, Institut arkheologii Kratkie soobshcheniia o dokladakh i polevykh issledovaniiakh [Academy of Sciences of the U.S.S.R. Institute of Archaeology Brief Summaries of Reports and Field Explorations]
Krat.soob.Inst.etn. (12a)	Akademiia nauk SSSR. Institut etnografii. Kratkie soobshcheniia [Academy of Sciences of the U.S.S.R. Institute of Ethnography. Brief Reports]
Kristallografiia (13f)	Kristallografiia [Crystallography]
Kryl.rod. (16b)	Kryl'ia rodiny [Wings of the Motherland]
Kul't.pros.rab. (8a)	Kul'turno-prosvetitel'naia rabota [Cultural and Educational Work]
Kuz.-shtam.proizv. (18g)	Kuznechno-shtampovochnoe proizvodstvo [Forging and Stamping]
Lab.delo (14e)	Laboratornoe delo [Laboratory Work]
Les.prom. (15c)	Lesnaia promyshlennost' [Forest Industries]
Let.gazet.st. (2a)	Letopis' gazetnykh statei [Chronicle of Newspaper Articles]
Let. zhur.st. (2a)	Letopis' zhurnal'nykh statei [Chronicle of Periodical Articles]
Lit.po ped, naukam i nar.obr. (8a)	Literatura po pedagogicheskim naukam i narodnomu obrazovaniiu [Literature on the Pedagogical Sciences and Public Education]
Lit.proizv. (16h)	Liteinoe proizvodstvo [Foundry Practice]
Mashinostroenie (16g)	⊦ Mashinostroenie [Machinery Manufacture]
Mashinostroitel' (16g)	Mashinostroitel' [Machine Builder]
Mat.i soob.inst.otd. Inst.po izuch. SSSR (4a)	Institut zur Erforschung der UdSSR. Materialy i soobshcheniia Issledovatel'skogo otdela [Institute for the Study of the U.S.S.R. Materials and Reports of the Research Department]
Mat.po min.Kol'. poluost. (12c)	⊦ Materialy po mineralogii Kol'skogo poluostrova [Materials on the Mineralogy of the Kola Peninsula]
Med.prom. (14f)	Meditsinskaia promyshlennost' SSSR [Medical Supplies Industry of the U.S.S.R.]
Med.sestra (14g)	Meditsinskaia sestra [Medical Nurse]
Med.zhur.Uzb. (14a)	Meditsinskii zhurnal Uzbekistana [Medical Journal of Uzbekistan]
Mekh.i elek.sots. sel'khoz. (15a)	Mekhanizatsiia i elektrifikatsiia sotsialisticheskogo sel'skogo khoziaistva [Mechanization and Electrification of Socialist Agriculture]
Mekhanika (16g)	Mekhanika; periodicheskii sbornik perevodov inostrannykh statei [Mechanics; Translations of Foreign Articles]
Mest.prom.i khud.promys. (18f)	Mestnaia promyshlennost' i khudozhestvennye promysly [Local Industry and Art Trades]
Metalloved.i term. obr.met. (16h)	Metallovedenie i termicheskaia obrabotka metallov [Metals and Heat Treatment of Metals]
Metallurg (16h)	Metallurg [Metallurgist]
Meteor.i gidrol. (13f)	Meteorologiia i gidrologiia [Meteorology and Hydrology]
Mezhdunar. zhizn' (6)	Mezhdunarodnaia zhizn' [International Life]
Mias.ind.SSSR (18f)	Miasnaia industriia SSSR [Meat Industry of the U.S.S.R.]
Min.sbor. (12c)	Mineralogicheskii sbornik [Mineralogical Review]
Mir.ekon.i mezhdunar.otn. (5b)	Mirovaia ekonomika i mezhdunarodnye otnosheniia [World Economics and International Relations]
Mir nauki (13a)	Mir nauki [Scientific World]
Mont.i spets.rab. v stroi. (18d)	Montazhnye i spetsializirovannye raboty v stroitel'stve [Assembling and Specialized Operations in Construction]
Mor.flot (17b)	Morskoi flot [The Merchant Marine]
Muk.-elev.prom. (16f)	Mukomol'no-elevatornaia promyshlennost' [Flour Milling and Grain Storage]
Nach.shkola (8a)	Nachal'naia shkola [Primary School]
Nar.asv. (8a)	Narodnaia asveta [Public Education]
Nar.khoz.Kazakh. (5b)	Narodnoe khoziaistvo Kazakhstana [The National Economy of Kazakhstan]
Nar.khoz.Uzb. (5b)	Narodnoe khoziaistvo Uzbekistana [The National Economy of Uzbekistan]
Nar.obr. (8a)	Narodnoe obrazovanie [Public Education]
Nar.z ist.tekh. (16a)	Narysy z istorii tekhniky [Outline of the History of Technology]
Nauch.dokl.vys. shkoly; filos. nauki (3a)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Nauchnye doklady vysshei shkoly; filosofskie nauki [Ministry of Higher and Secondary Specialized Education. Research Papers of Higher Schools; Philosophical Sciences]
Nauch.rab.i soob. Otd.obshchestv. nauk AN Uz.SSR (1a)	⊦ Akademiia nauk Uzbekskoi SSR, Tashkent. Otdelenie obshchestvennykh nauk. Nauchnye raboty i soobshcheniia [Academy of Sciences of the Uzbek S.S.R. Department of Social Sciences. Studies and Reports]
Nauch.soob. NIITSementa (16d)	Moscow. Gosudarstvennyi vsesoiuznyi nauchno-issledovatel'skii institut tsementoi promyshlennosti. Nauchnye soobshcheniia [State All-Union Scientific Research Institute of the Cement Industry. Scientific Reports]
Nauch.soob. TSNIISK (16d)	Akademiia stroitel'stva i arkhitektury SSSR. Institut stroitel'nykh konstruktsii. Nauchnoe soobshchenie [Academy of Construction and Architecture of the U.S.S.R. Institute of Construction Design. Scientific Report]
Nauch.trudy MIEI (16a)	Moscow. Inzhenerno-ekonomicheskii institut Nauchnye trudy [Institute of Engineering and Economics. Studies]
Nauch trudy MPI (2c)	Moscow Poligraficheskii institut. Nauchnye trudy [Moscow Printing Institute. Studies]
Nauch.trudy MTILP (16g)	⊦ Moscow. Tekhnologicheskii institut legkoi promyshlennosti. Nauchnye trudy [Technological Institute of Light Industry. Studies]
Nauch.zap.VLTI (15c)	Voronezh Lesotekhnicheskii institut. Nauchnye zapiski [Forestry and Lumbering Institute. Studies]
Nauk.zap.Nauk.-Pryrod.muz. AN URSR (13c)	Akademiia nauk URSR, Kiev. Naukovo-pryrodoznavchyi muzei. Naukovi zapysky [Academy of Sciences of the Ukrainian S.S.R. Scientific Museum of Natural History. Studies]. In Ukrainian.
Nauka i zhizn' (13a)	Nauka i zhizn' [Science and Life]
Nauka i zhyttia (13a)	Nauka i zhyttia [Science and Life]. In Ukrainian.
Neft.khoz. (16h)	Neftianoe khoziaistvo [The Petroleum Industry]
Neftekhimiia (16c)	⊦ Neftekhimiia [Petrochemistry]
Neftianik (16h)	Neftianik [The Petroleum Worker]
Neva (11b)	Neva
Nov.i nov.ist. (4a)	Novaia i noveishaia istoriia [Modern and Recent History]
Nov.knigi (2a)	Novye knigi [New Books]
Nov.knigi za rub. Ser.V (2a)	Novye knigi za rubezhom. Seriia V: Biologiia, meditsina, sel'skoe khoziaistvo [New Foreign Books. Series V: Biology, Medicine, Agriculture]
Nov.knigi za rub.po obshchestv. naukam;ekon., filos.,ist., mezhdunar.otn. (2a)	Novye knigi za rubezhom po obshchestvennym naukam; ekonomika, filosofiia, istoriia, mezhdunarodnye otnosheniia [New Foreign Books on the Social Sciences; Economics, Philosophy, History, International Relations]
Nov.lit.o nauke i nauch.-issl.rab. za rub. (2a)	Novaia literatura o nauke i nauchno-issledovatel'skoi rabote za rubezhom [New Literature on Science and Research Abroad]
Nov.lit.po evrop. stran.nar.dem.: Rum. (2a)	Novaia literatura po evropeiskim stranam narodnoi demokratii: Rumyniia [New Literature on European People's Democracies: Rumania]
Nov.lit.po evrop. stran.nar.dem.i slav.: Bolg. (2a)	Novaia literatura po evropeiskim stranam narodnoi demokratii i slavianovedeniiu: Bolgariia [New Literature on European People's Democracies and Slavic Studies: Bulgaria]
Nov.lit,po evrop. stran.nar.dem.i slav.: Chekh. (2a)	Novaia literatura po evropeiskim stranam narodnoi demokratii i slavianovedeniiu: Chekhoslovakiia [New Literature on European People's Democracies and Slavic Studies: Czechoslovakia]
Nov.lit.po evrop. stran.nar.dem. i slav.: Pol'. (2a)	Novaia literatura po evropeiskim stranam narodnoi demokratii i slavianovedeniiu: Pol'sha [New Literature on European People's Democracies and Slavic Studies: Poland]
Nov.lit.po IUg. (2a)	Novaia lit[e]ratura po IUgoslavii [New Literature on Yugoslavia]
Nov.sov.lit.po lit. (11b)	Novaia sovetskaia literatura po literaturovedeniiu [New Soviet Literature on the Study of Literature]
Nov.tov. (5a)	Novye tovary; informatsionnyi biulleten' [New Consumer Goods; Information Bulletin]
Nov.vrem. (6)	Novoe vremia [New Times]
Obog.i brik.ugl. (16h)	Obogashchenie i briketirovanie uglei [Coal Preparation and Briquetting]
Obshchestv.nauki v Uz. (1a)	Obshchestvennye nauki v Uzbekistane [Social Sciences in Uzbekistan]
Obshchestv.pit. (16f)	Obshchestvennoe pitanie [Public Food Service]
Ogonek (1b)	Ogonek [The Little Light]
Okeanologiia (12b)	Okeanologiia [Oceanology]
Okhr.prir.Mold. (13a)	⊦ Okhrana prirody Moldavii [Conservation in Moldavia]
Okhr.truda i sots. strakh. (6d)	Okhrana truda i sotsial'noe strakhovanie [Protection of Labor and Social Insurance]
Opr.po faune (13c)	Opredeliteli po faune SSSR [Guides to the Fauna of the U.S.S.R.]
Opt.i spektr. (13f)	Optika i spektroskopiia [Optics and Spectroscopy]
Ortop.,travm.i protez. (14h)	Ortopediia, travmatologiia i protezirovanie [Orthopedics, Traumatology, and Prosthesis]
Otv.na vop.trud. (1b)	Otvety na voprosy trudiashchikhsia [Replies to Workers' Questions]
Paleont.i stratigr. BSSR (12c)	Paleontologiia i stratigrafiia BSSR [Paleontology and Stratigraphy of the White Russian S.S.R.]
Paleont.zhur. (12c)	Paleontologicheskii zhurnal [Paleontological Journal]
Palest.sbor. (4a)	Palestinskii sbornik [Palestine Review]
Part.zhizn' (6)	Partiinaia zhizn' [Party Life]
Part.zhizn' Kazakh. (6)	Partiinaia zhizn' Kazakhstana [Party Life in Kazakhstan]
Plan.khoz. (5b)	Planovoe khoziaistvo [Planned Economy]

Plast. massy (16c)	Plasticheskie massy [Plastics]
Pochvy IUzh. Urala i Povol (15a)	ǂ Pochvy IUzhnogo Urala i Povolzh'ia [Soils of the Southern Urals and the Volga Valley]
Polit. samoobr. (6)	Politicheskoe samoobrazovanie [Political Self-Education]
Pozh. delo (16d)	Pozharnoe delo [Fire Fighting]
Pratsi Od un Ser susp. nauk (1a)	ǂ Odessa Universytet Pratsi Serlia suspil'nykh nauk [University Transactions Series in the Social Sciences]
Prep. ist. v shkole (4a)	Prepodavanie istorii v shkole [Teaching History in Schools]
Priborostroenie (16g)	Priborostroenie [Instrument Manufacture]
Priroda (13a)	Priroda [Nature]
Probl stom (14b)	Problemy stomatologii [Problems of Stomatology]
Probl. sud. psikh. (14c)	Problemy sudebnoi psikhiatrii [Problems of Forensic Psychiatry]
Probl tub. (14a)	Problemy tuberkuleza [Problems of Tuberculosis]
Prof. -tekh obr. (16a)	Professional'no-tekhnicheskoe obrazovanie [Vocational Technical Education]
Prog. na ned. VDNKH (16a)	ǂ Moscow. Vystavka dostizhenii narodnogo khoziaistva SSSR. Programma na nedeliu [Exhibition of Achievements of the National Economy of the U.S.S.R. Program for the Week]
Prom. Arm. (16a)	Promyshlennost' Armenii [Industry of Armenia]
Prom. energ. (16e)	Promyshlennaia energetika [Industrial Power]
Put' i put. khoz. (16d)	Put' i putevoe khoziaistvo [Railroad Tracks and Roadway Maintenance]
Rab. i sial. (5d)	Rabotnitsa i sialianka [The Woman Worker and the Peasant Woman]. In White Russian.
Rad. lit. (11b)	Radians'ke literaturoznavstvo [Soviet Literary Review]. In Ukrainian.
Rad pravo (7)	Radians'ke pravo [Soviet Law]
Rad. shk. (8a)	Radians'ka shkola [Soviet School]. In Ukrainian.
Radiobiologiia (13c)	Radiobiologiia [Radiobiology]
Radiotekh. i elektron. (16e)	Radiotekhnika i elektronika [Radio Engineering and Electronics]
Radiotekhnika (16e)	Radiotekhnika [Radio Engineering]
Ref sbor. : Ekon prom (5b)	Referativnyi sbornik· Ekonomika promyshlennosti [Journal of Abstracts Economics of Industry]
Ref. zhur. · Astron. i geod. (13b)	Referativnyi zhurnal: Astronomiia i geodeziia [Journal of Abstracts Astronomy and Geodesy]
Ref. zhur. : Avtom. i radioelektr. (16e)	Referativnyi zhurnal: Avtomatika i radioelektronika [Journal of Abstracts: Automatic Control and Radio Engineering]
Ref. zhur. · Biol. (13c)	Referativnyi zhurnal: Biologiia [Journal of Abstracts· Biology]
Ref. zhur., Elektrotekh. (16e)	Referativnyi zhurnal: Elektrotekhnika [Journal of Abstracts: Electrical Engineering]
Ref. zhur. Elektrotekh. i energ. (16e)	Referativnyi zhurnal Elektrotekhnika i energetika [Journal of Abstracts; Electrical Engineering and Electric Power]
Ref. zhur. : Fiz. (13f)	Referativnyi zhurnal· Fizika [Journal of Abstracts: Physics]
Ref. zhur. : Geofiz. (13f)	Referativnyi zhurnal: Geofizika [Journal of Abstracts: Geophysics]
Ref. zhur. · Geog. (12b)	Referativnyi zhurnal· Geografiia [Journal of Abstracts: Geography]
Ref. zhur Geol. (12c)	Referativnyi zhurnal Geologiia [Journal of Abstracts: Geology]
Ref. zhur. : Gor. delo (16h)	Referativnyi zhurnal: Gornoe delo [Journal of Abstracts: Mining]
Ref. zhur. · Khim. (13d)	Referativnyi zhurnal Khimiia [Journal of Abstracts: Chemistry]
Ref. zhur. · Khim. ; Biol. khim. (13c)	Referativnyi zhurnal: Khimiia, Biologicheskaia khimiia [Journal of Abstracts· Chemistry; Biological Chemistry]
Ref. zhur. : Mashinostr. (16g)	Referativnyi zhurnal: Mashinostroenie [Journal of Abstracts: Machinery Manufacture]
Ref. zhur. : Mat. (13e)	Referativnyi zhurnal· Matematika [Journal of Abstracts: Mathematics]
Ref. zhur. · Mekh. (13f)	Referativnyi zhurnal· Mekhanika [Journal of Abstracts: Mechanics]
Ref. zhur. : Mpt. (16h)	Referativnyi zhurnal: Metallurgiia [Journal of Abstracts· Metallurgy]
Ref. zhur. · Stroi. i arkhit. (16d)	Referativnyi zhurnal· Stroitel'stvo i arkhitektura [Journal of Abstracts: Construction and Architecture]
Rez. nabl. amer. isk. sput. Zem. (13b)	ǂ Akademiia nauk SSSR. Institut teoreticheskoi astronomii. Rezul'taty nabliudenii amerikanskikh iskusstvennykh sputnikov Zemli [Academy of Sciences of the U.S.S.R. Institute of Theoretical Astronomy. Results of Observations of American Artificial Earth Satellites]
Rez. nabl. sov. isk. sput. Zem. (13b)	Akademiia nauk SSSR. Institut teoreticheskoi astronomii. Rezul'taty nabliudenii sovetskikh iskusstvennykh sputnikov Zemli [Academy of Sciences of the U.S.S.R. Institute of Theoretical Astronomy. Results of Observations of Soviet Artificial Earth Satellites]
Rus. iaz. v shkole (11a)	Russkii iazyk v shkole [Russian Language in Schools]
Sbor. nauch. -issl. rab. po zashch. lesorazved. (16c)	ǂ Sbornik nauchno-issledovatel'skikh rabot po zashchitnomu lesorazvedeniiu [Papers on Shelterbelt Afforestation]
Sbor. nauch. -issl. rab. UzNIIME (15a)	ǂ Uzbekskaia akademiia sel'skokhoziaistvennykh nauk. Nauchno-issledovatel'skii institut mekhanizatsii i elektrifikatsii oroshaemogo zemledeliia. Sbornik nauchno-issledovatel'skikh rabot [Uzbek Academy of Agricultural Sciences. Scientific Research Institute of the Mechanization and Electrification of Irrigation Farming. Collection of Research Papers]
Sbor. nauch. rab VNIIPP (2c)	Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut poligraficheskoi promyshlennosti Sbornik nauchnykh rabot [All-Union Scientific Research Institute of the Printing Industry Collection of Scientific Papers]
Sbor. nauch trud KazGMI (16h)	Alma-Ata. Kazakhskii gorno-metallurgicheskii institut Sbornik nauchnykh trudov [Kazakh Institute of Mining and Metallurgy Collection of Scientific Papers]
Sbor rab po gidrol (12b)	ǂ Leningrad Gosudarstvennyi gidrologicheskii institut Sbornik rabot po gidrologii [State Hydrology Institute Papers on Hydrology]
Sbor. rab. VNIALMI (15c)	ǂ Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut agrolesomelioratsii. Sbornik rabot [All-Union Scientific Research Institute of Land Improvement Through Afforestation. Papers]
Sbor. st. po paleont. i biostrat. (12c)	Leningrad Nauchno-issledovatel'skii institut geologii Arktiki. Sbornik statei po paleontologii i biostratigrafii [Scientific Research Institute of Arctic Geology. Collected Papers on Paleontology and Biostratigraphy]
Sbor trud Inst elektrotekh. AN URSR (16e)	Akademiia nauk URSR, Kiev Institut elektrotekhniky Sbornik trudov [Academy of Sciences of the Ukrainian S.S.R. Institute of Electrical Engineering. Collected Works]
Sbor. trud Inst. gor. dela AN URSR (16h)	Akademiia nauk URSR, Kiev. Institut hirnychoi spravy Sbornik trudov [Academy of Sciences of the Ukrainian S.S.R. Institute of Mining. Collected Papers]
Sbor. trud NIIZHelezobetona (16d)	Moscow. Gosudarstvennyi nauchno-issledovatel'skii institut zhelezobetonnykh izdelii, stroitel'nykh i neruchnykh materialov. Sbornik trudov [State Scientific Research Institute of Reinforced Concrete Products, Building Materials, and Rock Products. Collected Papers]
Sbor. trud. VNIINSM (16d)	Vsesoiuznyi nauchno-issledovatel'skii institut novykh stroitel'nykh materialov. Sbornik trudov [All-Union Scientific Research Institute of New Building Materials. Collected Papers]
Sbor. trud. VNIITS (16h)	ǂ Vsesoiuznyi nauchno-issledovatel'skii institut tverdykh splavov. Sbornik trudov [All-Union Scientific Research Institute of Hard Alloys. Papers]
Sel'. mekh. (15a)	Sel'skii mekhanizator [The Rural Mechanic]
Sel'. stroi. (16d)	Sel'skoe stroitel'stvo [Rural Construction]
Sem'ia i shkola (8a)	Sem'ia i shkola [Family and School]
Shakht. stroi. (16h)	Shakhtnoe stroitel'stvo [Mine Construction]
Shkola i proizv. (8a)	Shkola i proizvodstvo [School and Production]
Shkola-int (8a)	Shkola-internat [Boarding School]
Sil'. bud. (16d)	Sil'skoe budivnytstvo [Rural Construction]
Smena (5e)	Smena [The Younger Generation]
Soob. AN Gruz. SSR (1a)	Akademiia nauk Gruzinskoi SSR, Tiflis Soobshcheniia [Academy of Sciences of the Georgian S.S.R. Reports. Russian language edition]
Soob. LEM AN SSSR (13e)	ǂ Akademiia nauk SSSR. Laboratoriia elektromodelirovaniia. Soobshcheniia [Academy of Sciences of the U.S.S.R. Electric Modeling Laboratory. Reports]
Soob. Otd. mekh. i avtom inform. rab (13e)	ǂ Akademiia nauk SSSR Institut nauchnoi informatsii. Otdel mekhanizatsii i avtomatizatsii informatsionnykh rabot Soobshcheniia [Academy of Sciences of the U.S.S.R. Institute of Scientific Information. Department of the Mechanization and Automation of Information Service Reports]
Sots. obesp. (5e)	Sotsial'noe obespechenie [Social Security]
Sots. zakon. (7)	Sotsialisticheskaia zakonnost' [Socialist Legality]
Sov. arkheol. (4b)	Sovetskaia arkheologiia [Soviet Archaeology]
Sov. deput. trud. (6)	Sovety deputatov trudiashchikhsia [Soviets of Workers' Deputies]
Sov. foto (16c)	Sovetskoe foto [The Soviet Photograph]
Sov. geol. (12c)	Sovetskaia geologiia [Soviet Geology]
Sov. gos. i pravo (7)	Sovetskoe gosudarstvo i pravo [The Soviet State and Law]
Sov. iust. (7)	Sovetskaia iustitsiia [Soviet Justice]
Sov. knizh. torg. (2c)	Sovetskaia knizhnaia torgovlia [Soviet Book Trade]
Sov. med. (14a)	Sovetskaia meditsina [Soviet Medicine]
Sov. muz. (9b)	Sovetskaia muzyka [Soviet Music]
Sov. pedag. (8a)	Sovetskaia pedagogika [Soviet Pedagogy]
Sov. potreb. koop. (5b)	Sovetskaia potrebitel'skaia kooperatsiia [Soviet Consumer Cooperation]
Sov. profsoiuzy (5d)	Sovetskie profsoiuzy [Soviet Trade Unions]
Sov. voin (17a)	Sovetskii voin [Soviet Soldier]
Sov. zdrav. (14a)	Sovetskoe zdravookhranenie [Soviet Health Service]
Sovr. Mong. (1b)	Sovremennaia Mongoliia [Contemporary Mongolia]
Spis. sem., predl. v obmen Bot. sadom Mold. fil. AN SSSR (15d)	ǂ Akademiia nauk SSSR. Moldavskii filial. Botanicheskii sad. Spisok semian, predlagaemykh v obmen [Academy of Sciences of the U.S.S.R. Moldavian Branch. Botanical Garden. List of Seeds Offered for Exchange]
Sred. veka (4a)	Akademiia nauk SSSR. Institut istorii. Srednie veka [Academy of Sciences of the U.S.S.R. Institute of History. The Middle Ages]
Stal' (16h)	Stal' [Steel]
Stan. i instr. (16g)	Stanki i instrument [Machine Tools and Their Cutting Tools]

Trudy BaltNIRO (15b)	Königsberg. Baltiiskii nauchno-issledovatel'skii institut morskogo rybnogo khoziaistva i okeanografii. Trudy [Baltic Scientific Research Institute of Marine Fisheries and Oceanography. Transactions]
Stand. prog. BESM-2 (13c)	Akademiia nauk SSSR. Vychislitel'nyi tsentr. Standartnye programmy BESM-2 [Academy of Sciences of the U.S.S.R. Computation Center]
Standartizatsiia (16a)	Standartizatsiia [Standardization]
Starsh. — serzh. (17a)	Starshina—sergzhant [Noncommissioned Officers]
Stroi. i arkhit. (10b)	Stroitel'stvo i arkhitektura [Construction and Architecture]
Svar. proizv. (16f)	Svarochnoe proizvodstvo [Welding Practice]
Svetotekhnika (16e)	Svetotekhnika [Illuminating Engineering]
Svod. biul. nov. inostr. knig. Ser. A (2a)	Svodnyi biulleten' novykh inostrannykh knig, postupivshikh v biblioteki SSSR. Seriia A: Estestvennye nauki, meditsina, sel'skoe khoziaistvo, tekhnika [Union List of New Foreign Books Received by the Libraries of the U.S.S.R. Series A: Natural Sciences, Medicine, Agriculture, Technology]
Svod. biul. nov. inostr. knig. Ser. B (2a)	Svodnyi biulleten' novykh inostrannykh knig, postupivshikh v biblioteki SSSR. Seriia B: Obshchestvennye nauki [Union List of New Foreign Books Received by the Libraries of the U.S.S.R. Series B: Social Sciences]
Teatr (9c)	Teatr [The Theater]
Tekh. kino i telev. (9a)	Tekhnika kino i televidenila [Motion-Picture and Television Engineering]
Tekh. mol. (16a)	Tekhnika - molodezhi [Technology for Youth]
Tekh. v sel'khoz. (15a)	Tekhnika v sel'skom khoziaistve [Machinery in Agriculture]
Tekst. prom. (16f)	Tekstil'naia promyshlennost' [Textile Industry]
Teor. i prak. fiz. kul't. (8b)	Teoriia i praktika fizicheskoi kul'tury [Theory and Practice of Physical Education]
Teploenergetika (16g)	Teploenergetika [Heat Engineering]
Terap. arkh. (14a)	Terapevticheskii arkhiv [Therapeutic Archives]
Titan i ego splavy (16h)	Titan i ego splavy [Titanium and Its Alloys]
Torg. za rub. (5a)	Torgovlia za rubezhom [Trade Abroad]
Trakt. i sel'khoz. - mash. (16g)	Traktory i sel'khozmashiny [Tractors and Agricultural Machinery]
Trudy AANII (12b)	Leningrad. Arkticheskii i antarkticheskii nauchno-issledovatel'skii institut. Trudy [Arctic and Antarctic Scientific Research Institute. Transactions]
Trudy AzSTAZRa (15d)	Leningrad. Vsesoiuznyi institut zashchity rastenii. Azerbaidzhanskaia stantsiia. Trudy [All-Union Institute of Plant Protection. Azerbaijan Station. Transactions]
Trudy BSKHA (15a)	Gorki (Mogilevskaya oblast') Belorusskaia akademiia sel'skoe khaspadarki Trudy [White Russian Academy of Agriculture. Transactions]
Trudy Bot. inst. Ser. 5 (13c)	Akademiia nauk SSSR. Botanicheskii institut. Trudy. Seriia 5. Rastitel'noe syr'e [Academy of Sciences of the U.S.S.R. Botanical Institute. Transactions. Series 5. Plant Resources]
Trudy Bot. inst. Ser. 7 (13c)	Akademiia nauk SSSR Botanicheskii institut. Trudy. Seriia 7. Morfologiia i anatomiia rastenii [Academy of Sciences of the U.S.S.R. Botanical Institute. Transactions. Series 7. Plant Morphology and Anatomy]
Trudy Fiz. inst. (13f)	Akademiia nauk SSSR Fizicheskii institut. Trudy [Academy of Sciences of the U.S.S.R. Institute of Physics. Transactions]
Trudy Fiz.-tekh. inst. AN Turk. SSR (13f)	Akademiia nauk Turkmenskoi SSR, Ashkhabad Fiziko-tekhnicheskii institut. Trudy [Academy of Sciences of the Turkmen S.S.R. Institute of Physics and Technology. Transactions]
Trudy GGI (12b)	Leningrad. Gosudarstvennyi gidrologicheskii institut. Trudy [State Hydrological Institute. Transactions]
Trudy Giprotsvetmetobrabotka (16h)	Moscow. Gosudarstvennyi nauchno-issledovatel'skii i proektnyi institut po obrabotke tsvetnykh metallov. Trudy [State Scientific Research and Planning Institute for the Processing of Nonferrous Metals. Transactions]
Trudy Gos. bibl. SSSR (2b)	Moscow. Publichnaia biblioteka. Trudy [Public Library. Transactions]
Trudy Gos. muz.-ped. inst. (9b)	Moscow. Gosudarstvennyi muzykal'no-pedagogicheskii institut. Trudy [State Pedagogical Institute of Music. Transactions]
Trudy GrozNII (16h)	Grozny. Groznenskii neftianoi nauchno-issledovatel'skii institut. Trudy [Grozny Petroleum Research Institute. Transactions]
Trudy IAFAN SSSR (1a)	Akademiia nauk SSSR. IAkutskii filial, Yakutsk. Trudy [Academy of Sciences of the U.S.S.R. Yakut Branch. Transactions]
Trudy ITA (13b)	Akademiia nauk SSSR. Institut teoreticheskoi astronomii. Trudy [Academy of Sciences of the U.S.S.R. Institute of Theoretical Astronomy. Transactions]
Trudy Inst. biol. UFAN SSSR (13c)	Akademiia nauk SSSR. Ural'skii filial, Sverdlovsk. Institut biologii. Trudy [Academy of Sciences of the U.S.S.R. Ural Branch. Institute of Biology. Transactions]
Trudy Inst. chern met. AN URSR (16h)	Akademiia nauk URSR, Kiev. Instytut chornoi metalurgii. Trudy [Academy of Sciences of the Ukrainian S.S.R. Institute of Ferrous Metallurgy. Transactions]
Trudy Inst. elektrokhim. UFAN SSSR (13d)	Akademiia nauk SSSR, Ural'skii filial, Sverdlovsk. Institut elektrokhimii. Trudy [Academy of Sciences of the U.S.S.R. Ural Branch. Institute of Electrochemistry. Transactions]
Trudy Inst. etn (12a)	Akademiia nauk SSSR Institut etnografii. Trudy [Academy of Sciences of the U.S.S.R. Institute of Ethnography Transactions]
Trudy Inst. filos. i prava AN Kazakh. SSR (3a)	Akademiia nauk Kazakhskoi SSR, Alma-Ata. Institut filosofii i prava. Trudy [Academy of Sciences of the Kazakh S.S.R. Institute of Philosophy and Law. Transactions]
Trudy Inst. fiz. Zem. (13f)	Akademiia nauk SSSR. Institut fiziki Zemli. Trudy [Academy of Sciences of the U.S.S.R. Institute of Physics of the Earth. Transactions]
Trudy Inst fiziol AN Gruz SSR (13c)	Akademiia nauk Gruzinskoi SSR, Tiflis Institut fiziologii Trudy [Academy of Sciences of the Georgian S.S.R. Institute of Physiology Transactions]
Trudy Inst. geol. i geofiz. Sib. otd. AN SSSR (12c)	Akademiia nauk SSSR. Sibirskoe otdelenie. Institut geologii i geofiziki. Trudy [Academy of Sciences of the U.S.S.R. Siberian Department. Institute of Geology and Geophysics. Transactions]
Trudy Inst geol. nauk AN URSR. Ser geol. mest. pol isk (16h)	Akademiia nauk URSR, Kiev. Instytut geologichnykh nauk. Trudy. Seriia geologii mestorozhdenii poleznykh iskopaemykh [Academy of Sciences of the Ukrainian S.S.R. Institute of Geological Sciences Transactions. Series in the Geology of Mineral Deposits]
Trudy Inst ist., arkheol i etn AN Kazakh SSR (4a)	Akademiia nauk Kazakhskoi SSR, Alma-Ata Institut istorii, arkheologii i etnografii. Trudy [Academy of Sciences of the Kazakh S.S.R. Institute of History, Archaeology, and Ethnography. Transactions]
Trudy Inst. ist est i tekh. (13a)	Akademiia nauk SSSR Institut istorii estestvoznaniia i tekhniki. Trudy [Academy of Sciences of the U.S.S.R. Institute of the History of Natural Sciences and Technology. Transactions]
Trudy Inst. Kom. stand., mer i izm. prib. (16a)	Russia (1923- U.S.S.R.) Komitet standartov mer i izmeritel'nykh priborov. Trudy institutov Komiteta [Committee of Standards, Measures, and Measuring Instruments. Transactions of the Institutes of the Committee]
Trudy Inst. mash. Sem. po toch. v mash. i prib. (16g)	Akademiia nauk SSSR. Institut mashinovedeniia Trudy. Seminar po tochnosti v mashinostroenii i priborostroenii [Academy of Sciences of the U.S.S.R. Institute of Mechanical Engineering. Transactions. Seminar on Precision in Machinery and Instrument Manufacture]
Trudy Inst. merzl. AN SSSR (12b)	Akademiia nauk SSSR. Institut merzlotovedeniia Trudy [Academy of Sciences of the U.S.S.R. Permafrost Institute. Transactions]
Trudy Inst. okean. (12b)	Akademiia nauk SSSR. Institut okeanologii. Trudy [Academy of Sciences of the U.S.S.R. Institute of Oceanography. Transactions]
Trudy Inst. vys. nerv. deiat. Ser. patofiziol. (14c)	Akademiia nauk SSSR. Institut vysshei nervnoi deiatel'nosti. Trudy. Seriia patofiziologicheskaia [Academy of Sciences of the U.S.S.R. Institute of the Higher Nervous Function. Transactions Pathophysiological Series]
Trudy KF VNII (16h)	Vsesoiuznyi neftegazovyi nauchno-issledovatel'skii institut. Krasnodarskii filial. Trudy [All-Union Scientific Research Institute of Petroleum and Natural Gas. Krasnodar Branch. Transactions]
Trudy KHIIT (16g)	Kharkov Instytut inzheneriv zaliznychnoho transportu. Trudy [Institute of Railroad Transportation Engineers Transactions]
Trudy Kar. fil. AN SSSR (1a)	Akademiia nauk SSSR Karel'skii filial, Petrozavodsk. Trudy [Academy of Sciences of the U.S.S.R. Karelian Branch. Transactions]
Trudy KazNIGMI (13f)	Alma-Ata, Kazakhskii nauchno-issledovatel'skii gidrometeorologicheskii institut. Trudy [Kazakh Scientific Research Hydrometeorological Institute. Transactions]
Trudy Kazakh. fil. ASIA (16d)	Akademiia stroitel'stva i arkhitektury SSSR. Kazakhskii filial. Trudy [Academy of Construction and Architecture of the U.S.S.R. Kazakh Branch. Transactions]
Trudy LIEI (16a)	Leningrad. Leningradskii inzhenerno-ekonomicheskii institut. Trudy [Leningrad Engineering and Economics *Institute. Transactions*]
Trudy LIVT (17b)	Leningrad. Institut vodnogo transporta. Trudy [Institute of Water Transportation. Transactions]
Trudy LKI (17b)	Leningrad. Korablestroitel'nyi institut. Trudy [Shipbuilding Institute. Transactions]
Trudy MADI (16g)	Moscow. Avtomobil'no-dorozhnyi institut. Trudy [Automobile and Highway Institute. Transactions]
Trudy MGI (12b)	Akademiia nauk SSSR. Morskoi gidrofizicheskii institut. Trudy [Academy of Sciences of the U.S.S.R. Marine Hydrophysical Institute. Transactions]
Trudy MIIT (16g)	Moscow. Moskovskii institut inzhenerov zheleznodorozhnogo transporta. Trudy [Moscow Institute of Engineers of Railroad Transportation Transactions]
Trudy MIIZ (15a)	Moscow. Institut inzhenerov zemleustroistva. Trudy [Institute of Land Utilization Engineers. Transactions]
[Trudy] MVTU (16a)	Moscow. Moskovskoe vysshee tekhnicheskoe uchilishcha. (Trudy) [Moscow Technical College. (Transactions)]
[Trudy] NIIOSP (16d)	Akademiia stroitel'stva i arkhitektury SSSR. Institut osnovanii i podzemnykh sooruzhenii. [Trudy] [Academy of Construction and Architecture of the U.S.S.R. Institute of Foundations and Underground Construction. (Transactions)]
Trudy NIIStroikeramiki (16d)	Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut stroitel'noi keramiki. Trudy [All-Union Scientific Research Institute of Construction Ceramics. Trans*actions*]
Trudy NPI (16a)	Novocherkassk. Politekhnicheskii institut. Trudy [Polytechnic Institute. Transactions]
Trudy NIKFI (16c)	Moscow. Nauchno-issledovatel'skii kinofotoinstitut. Trudy [Scientific Research Institute of Motion Pictures and Photography. Transactions]

Trudy Nauch -issl inst shkol (8a)	Ashkhabad Nauchno-issledovatel'skii institut shkol Trudy [Scientific Research Institute for Schools. Transactions]
Trudy Otd.filos. i prava AN Turk. SSR (5e)	ǂAkademiia nauk Turkmenskoi SSR, Ashkhabad. Otdel filosofii i prava. Trudy [Academy of Sciences of the Turkmen S.S.R. Department of Philosophy and Law. Transactions]
Trudy Sov po izuch. proizv. sil Kazakh. AN Kazakh. SSR (5b)	Akademiia nauk Kazakhskoi SSR, Alma-Ata. Sovet po izucheniiu proizvoditel'nykh sil Kazakhstana. Trudy [Academy of Sciences of the Kazakh S.S.R. Council for the Study of the Productive Forces of Kazakhstan. Transactions]
Trudy TASHIIT (16d)	Tashkent Institut inzhenerov zheleznodorozhnogo transporta. Trudy [Institute of Railroad Transportation Engineers. Transactions]
Trudy TSNIIME (15c)	Khimki. TSentral'nyi nauchno-issledovatel'skii institut mekhanizatsii i energetiki lesnoi promyshlennosti. Trudy [Central Scientific Research Institute of Mechanization and Use of Power in Lumbering. Transactions]
Trudy TSNIISK (16d)	Akademiia stroitel'stva i arkhitektury SSSR. Institut stroitel'nykh konstruktsii. Trudy [Academy of Construction and Architecture of the U.S.S.R. Institute of Construction Design. Transactions]
Trudy TashGU (1a)	Tashkent. Universitet. Trudy [University. Transactions]
Trudy UkrNIGMI (13f)	Kiev. Ukrainskii nauchno-issledovatel'skii gidrometeorologicheskii institut. Trudy [Ukrainian Scientific Research Hydrometeorological Institute. Transactions]
Trudy UzGU (1a)	Samarkand. Uzbekskii gosudarstvennyi universitet. Trudy [Uzbek State University. Transactions]
Trudy VNIGRI (12c)	Leningrad. Vsesoiuznyi neftianoi nauchno-issledovatel'skii geologorazvedochnyi institut. Trudy [All-Union Petroleum Geological Prospecting Institute. Transactions]
Trudy VNIIGAZ (16c)	Vsesoiuznyi nauchno-issledovatel'skii institut prirodnykh gazov. Trudy [All-Union Scientific Research Institute of Natural Gas. Transactions]
Trudy VNIIGiM (15a)	Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut gidrotekhniki i melioratsii Trudy [All-Union Scientific Research Institute of Hydraulic Engineering and Land Reclamation. Transactions]
Trudy Zap -Sib fil ASiA (16d)	ǂAkademiia stroitel'stva i arkhitektury SSSR Zapadno-Sibirskii filial, Novosibirsk. Trudy [Academy of Construction and Architecture of the U.S.S.R. West Siberian Branch. Transactions]
TSir. Astron. obser. L'viv. un. (13b)	Lvov. Universytet. Astronomichna observatoriia. TSirkuliar [University. Astronomical Observatory. Circular]
TSvet. met. (16h)	TSvetnye metally [Nonferrous Metals]
Uch. zap AGU. Ser. obshchestv. nauk (1a)	ǂBaku. Azerbaidzhanskii gosudarstvennyi universitet. Uchenye zapiski. Seriia obshchestvennykh nauk [Azerbaijan State University. Studies. Series in the Social Sciences]
Uch. zap. Chuv. gos. ped. inst. (1a)	Cheboksary Chuvashskii gosudarstvennyi pedagogicheskii institut. Uchenye zapiski [Chuvash State Pedagogical Institute. Studies]
Uch. zap. Kar. ped. inst. (1a)	Petrozavodsk. Karel'skii pedagogicheskii institut. Uchenye zapiski [Karelian Pedagogical Institute. Studies]
Uch. zap. LGU (1a)	Leningrad. Universitet. Uchenye zapiski [University. Studies]
Uch zap. MGPI (1a)	Moscow Moskovskii gosudarstvennyi pedagogicheskii institut. Uchenye zapiski [Moscow State Pedagogical Institute. Studies]
Uch. zap. Mosk. gor. ped. inst (1a)	Moscow. Gorodskoi pedagogicheskii institut. Uchenye zapiski [Moscow City Pedagogical Institute. Studies]
Uch. zap. Mosk. nauch. -issl. inst. san. i gig. (14g)	Moscow. Nauchno-issledovatel'skii institut sanitarii i gigieny. Uchenye zapiski [Scientific Research Institute of Sanitation and Hygiene. Studies]
Uchet i fin. v kolkhoz. i sovkhoz. (5b)	Uchet i finansy v kolkhozakh i sovkhozakh [Accounting and Finance on Collective and State Farms]
Ugol' (16h)	Ugol' [Coal]
Ugol' Ukr. (16h)	Ugol' Ukrainy [Coal of the Ukraine]
Ukr. ist. zhur. (4a)	Ukrains'kyi istorychnyi zhurnal [Ukrainian Historical Journal]. In Ukrainian.
Ukr. mova v shkoli (11a)	Ukrains'ka mova v shkoli [Ukrainian Language in Schools]. In Ukrainian.
Ukraina (1b)	Ukraina [The Ukraine]. In Ukrainian.
Usp. fiz. nauk (13f)	Uspekhi fizicheskikh nauk [Progress in the Physical Sciences]
Uzb. biol. zhur. (13c)	Uzbekskii biologicheskii zhurnal [Uzbek Biological Journal]
Ved. Verkh. Sov. RSFSR (6)	Russia (1917- R.S.F.S.R.) Verkhovnyi Sovet. Vedomosti [Supreme Soviet. Gazette]
Ved. Verkh. Sov. SSSR (6)	Russia (1923- U.S.S.R.) Verkhovnyi Sovet. Vedomosti [Supreme Soviet. Gazette]
Vest. AMN SSSR (14a)	Akademiia meditsinskikh nauk SSSR, Moscow. Vestnik [Academy of Medical Sciences of the U.S.S.R. Journal]
Vest. AN Kazakh. SSR (1a)	Akademiia nauk Kazakhskoi SSR, Alma-Ata. Vestnik [Academy of Sciences of the Kazakh S.S.R. Journal]
Vest. AN SSSR (1a)	Akademiia nauk SSSR. Vestnik [Academy of Sciences of the U.S.S.R. Journal]
Vest. derm. i ven. (14i)	Vestnik dermatologii i venerologii [Review of Dermatology and Venereology]
Vest. elektroprom. (16e)	Vestnik elektropromyshlennosti [Review of the Electrical Industry]
Vest. khir (14h)	Vestnik khirurgii [Review of Surgery]
Vest. LGU (1a)	Leningrad Universitet. Vestnik [University. Review]
Vest. Mosk. un. Ser. 3: Fiz., astron. (13f)	Moscow. Universitet. Vestnik. Seriia 3: Fizika, astronomiia [University. Review. Series 3. Physics, Astronomy]
Vest. Mosk. un. Ser. 4. Geol. (12c)	Moscow. Universitet. Vestnik. Seriia 4: Geologiia [University. Review. Series 4 Geology]
Vest Mosk. un. Ser. 7: Filol., zhur. (11b)	Moscow. Universitet. Vestnik. Seriia 7: Filologiia, zhurnalistika [University. Review. Series 7. Philology, Journalism]
Vest. Mosk. un. Ser. 8: Ekon., filos. (5b)	Moscow. Universitet. Vestnik Seriia 8: Ekonomika, filosofiia [University. Review. Series 8: Economics, Philosophy]
Vest. Mosk. un. Ser. 9: Ist. (4a)	Moscow. Universitet. Vestnik. Seriia 9: Istoriia [University. Review. Series 9: History]
Vest. Mosk. un. Ser. 10 Pravo (7)	Moscow. Universitet Vestnik. Seriia 10 Pravo [University. Review. Series 10: Law]
Vest. otorin. (14d)	Vestnik otorinolaringologii [Review of Otorhinolaryngology]
Vest. protivovozd. obor. (17a)	Vestnik protivovozdushnoi oborony [Air Defense Review]
Vest. rent. i rad. (14a)	Vestnik rentgenologii i radiologii [Review of Roentgenology and Radiology]
Vest. sel'khoz. nauki [Kazakh.] (15a)	Vestnik sel'skokhoziaistvennoi nauki [Review of Agricultural Science].
Vest. stat. (5b)	Vestnik statistiki [Statistical Review]
Vest. sviazi (16c)	Vestnik sviazi [Communications Review]
Vest. TSNII MPS (16g)	Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. Vestnik [All-Union Scientific Research Institute of Railroad Transportation. Journal]
Vest. Vozd. Fl. (17a)	Vestnik Vozdushnogo Flota [Review of the Air Force]
Vest. vys. shkoly (8a)	Vestnik vysshei shkoly [Review of Schools for Higher Education]
Veterinariia (15b)	Veterinariia [Veterinary Medicine]
Visnyk ABiA URSR (10b)	Akademiia budivnytstva i arkhitektury URSR. Visnyk [Academy of Construction and Architecture of the Ukrainian S.S.R. Journal]. In Ukrainian.
Vnesh. torg. (5a)	Vneshniaia torgovlia [Foreign Trade]
Vod. i san. tekh. (16d)	Vodosnabzhenie i sanitarnaia tekhnika [Water Supply and Sanitary Engineering]
Voen. -ist. zhur. (4a)	Voenno-istoricheskii zhurnal [Military History Journal]
Voen. -med. zhur. (14a)	Voenno-meditsinskii zhurnal [Journal of Military Medicine]
Voen. vest. (17a)	Voennyi vestnik [Military Review]
Voen. znan. (17a)	Voennye znaniia [Military Knowledge]
Voiov. ateist (3b)	Voiovnychyi ateist [Militant Atheist]
Vokrug sveta (12b)	Vokrug sveta [Around the World]
Volog. krai (12b)	Vologodskii krai [Vologda Region]
Vop. antr. (12a)	Voprosy antropologii [Problems of Anthropology]
Vop. filos. (3a)	Voprosy filosofii [Problems of Philosophy]
Vop. gidrogeol. i inzh. geol. (12c)	Voprosy gidrogeologii i inzhenernoi geologii [Problems of Hydrogeology and Engineering Geology]
Vop. ist. (4a)	Voprosy istorii [Problems of History]
Vop. onk. (14a)	Voprosy onkologii [Problems of Oncology]
Vop. pit. (13c)	Voprosy pitaniia [Problems of Nutrition]
Vop. psikh. (14c)	Voprosy psikhiatrii [Problems of Psychiatry]
Vop. raket. tekh. (16b)	Voprosy raketnoi tekhniki; sbornik perevodov i obzorov inostrannoi periodicheskoi literatury [Problems of Rocket Engineering; Translations and Surveys of Foreign Periodical Literature]
Vop. virus. (13c)	Voprosy virusologii [Problems of Virology]
Vop. zemledel', makh. (15a)	ǂVoprosy zemledel'cheskoi mekhaniki [Problems of Agricultural Mechanics]
Vrach. delo (14a)	Vrachebnoe delo [Medical Practice]
Vsem. prof. dvizh. (5d)	Vsemirnoe profsoiuznoe dvizhenie [World Trade-Union Movement]
Vzryv. delo (16h)	Vzryvnoe delo [Blasting]
Za rul. (16g)	Za rulem [At the Wheel]

Zap. LGI (16h)	Leningrad. Gornyi institut. Zapiski [Institute of Mining. Records]
Zap. Vses. min. ob-va (12c)	Vsesoiuznoe mineralogicheskoe obshchestvo. Zapiski [All-Union Mineralogical Society. Records]
Zarub. radioelek. (16e)	Zarubezhnaia radioelektronika [Radio Engineering Abroad]
Zav. lab. (16h)	Zavodskaia laboratoriia [The Factory Laboratory]
Zbir. prats' Inst. tepl. AN URSR (16g)	Akademiia nauk URSR, Kiev. Instytut teploenergetyky. Zbirnyk prats' [Academy of Sciences of the Ukrainian S.S.R. Institute of Heat Energy. Collected Papers]
Zbir. prats' z obchys. mat. i tekh. (13e)	Zbirnyk prats' z obchysliuval'noi matematyky i tekhniky [Papers on Computer Mathematics and Engineering]
Zdrav. Bel. (14a)	Zdravookhranenie Belorussii [Health Service of White Russia]
Zdrav. Kazakh. (14a)	Zdravookhranenie Kazakhstana [Health Service of Kazakhstan]
Zdrav. Turk. (14a)	Zdravookhranenie Turkmenistana [Health Service of Turkmenistan]
Zdravookhranenie (14a)	Zdravookhranenie [Health Service]
Zemledelie (15d)	Zemledelie [Agriculture]
Zhidkofaz okis nepr. org soed (13d)	Zhidkofaznoe okislenie neprodel'nykh organicheskikh soedinenii [Liquid-Phase Oxidation of Unsaturated Organic Compounds]
Zhil. stroi. (16d)	Zhilishchnoe stroitel'stvo [Housing Construction]
Zhur anal. khim (13d)	Zhurnal analiticheskoi khimii [Journal of Analytical Chemistry]
Zhur. eksp. i teor. fiz. (13f)	Zhurnal eksperimental'noi i teoreticheskoi fiziki [Journal of Experimental and Theoretical Physics]
Zhur mikrobiol., epid. i immun. (14a)	Zhurnal mikrobiologii, epidemiologii i immunobiologii [Journal of Microbiology, Epidemiology, and Immunobiology]
Zhur. Mosk. Patr. (3b)	Orthodox Eastern Church, Russian. Patriarch. Zhurnal Moskovskoi Patriarkhii [Journal of the Moscow Patriarchate]
Zhur. nevr. i psikh. (14c)	Zhurnal nevropatologii i psikhiatrii [Journal of Neuropathology and Psychiatry]
Zhur. ob. khim. (13d)	Zhurnal obshchei khimii [Journal of General Chemistry]
Zhur. prikl. khim. (16c)	Zhurnal prikladnoi khimii [Journal of Applied Chemistry]
Zhur. tekh. fiz. (16a)	Zhurnal tekhnicheskoi fiziki [Journal of Technical Physics]
Zhur. ush., nos. i gorl. bol. (14d)	Zhurnal ushnykh, nosovykh i gorlovykh boleznei [Journal of Ear, Nose, and Throat Diseases]
Zhur. vys. nerv. deiat. (14c)	Zhurnal vysshei nervnoi deiatel'nosti [Journal of the Higher Nervous Function]
Znamia (11b)	Znamia [The Banner]
Znan. ta pratsia (13a)	Znannia ta pratsia [Knowledge and Work]. In Ukrainian.

ACTH

Change in the lipoid and carbohydrate metabolism in chronic myelosis under the influence of ACTH and myelosan therapy. I. Z. Goralov, B. I. Lipkovich. Terap. arkh. no. 7:85-97 '61

Function of the liver in children following toxic infectious jaundice treated with ACTH N. M. Abdragimov Zdrav Kazakh 21 no. 6,43-45 '61

Treatment of myelomatosis with sarcolysin in combination with ACTH and steroid hormons [with summary in English]. A. N. Chigirinskii. Vop. onk 7 no. 7 63-69 '61.

Treatment of some kinds of dermatosis with ACTH. A. A. Akovbian, K. S. Suleimanov Med zhur. Uzb. no 9: 13-17 S '61

Use of ACTH in obstetrics and gynecology. IA. E. Krivitskii. Kaz. med zhur no. 4:49-50 Jl-Ag '61

ABBREVIATIONS

Borisov, V. V., and others, comps. [Dictionary of foreign military abbreviations] Slovar' inostrannykh voennykh sokrashchenii. Pod red. M. P. Egorova. Moskva, Voen. izd-vo M-va oborony SSSR, 1961, 891 p.

[Dictionary of Russian and Lithuanian abbreviations] Slovar' russkikh i litovskikh sokrashchenii. Sost. G. Feigelsonas i dr. Vil'nius, Gos izd-vo polit i nauchn lit-ry, 1960, 436 p.

ABDOMEN—ABSCESS

Constricted abdominal hernia in the presence of an abscess of the ileocecal region of appendicular origin. O. A Mavyev. Zdrav. Turk 5 no 6 26 N-D '61.

ABDOMEN—DISEASES

Some characteristics of acute inflammatory diseases of the abdominal organs in elderly subjects [with summary in English] K. I. Myshkin, L. I. Skatin. Sov. med. 25 no. 12:30-35 D '61.

Symptom complex "acute abomen" in abdominal purpura (Schönlein-Henoch disease) and the surgeon's tactics. G. I. Volkov Kaz med zhur. no 6 27-28 N-D '61.

ABDOMEN—INNERVATION

Extraceptral reflex connections of the organs of the abdominal and pelvic cavities (the problem of afferent functions of the vegetative nervous system) [with summary in English]. E. P. Mel'man Arkh anat gist. embr. 40 no. 6:3-22 Je '61.

Sources of ureteral innervation and their relations to the nerve plexuses of the abdominal and pelvic cavities [with summary in English]. K. S. Shevchuk. Arkh. anat. gist. embr. 40 no. 6:101-108 Je '61.

ABDOMEN—SURGERY

"Abdominal clasp." L. Chudnovskii. Neva no. 9:221 '61.

ABDOMEN—TUMORS

Case of eventration of Meckel's diverticulum through the umbilical ring with invagination and eventration of the loops of the small intestine through the diverticulum in a 20-day old infant. D. S Karimov. Med zhur. Uzb. no 2,70 F '60

ABDOMEN—WOUNDS AND INJURIES

Isolated rupture of the pancreas in a blunt injury to the abdomen. N. P. Shostia, B. E. Strel'nikov. Nov. khir. arkh. no. 1 110-111 Ja-F '60

ABDOMINAL ANEURYSM

Aneurysm of the abdominal aorta. M. I. Chudakov. Nov. khir. arkh. no 1:102-104 Ja-F '60

ABELIAN GROUPS

Two-dimensional formal Abelian groups IU. I. Manin. Dokl. AN SSSR 143 no 1 35-37 Mr '62.

ABKHAZIA—CHRYSANTHEMUMS—DISEASES AND PESTS

Septoriosis of large-blossom chrysanthemums and measures for its control in Abkhazia. K. T. Dzhalagoniia. Biul. Glav. bot. sada no. 43:79-83 '61.

ABKHAZIA—EDUCATION

Adleĭba, A. K. [History of cultural work in Abkhazia, 1921-1937] K istorii kul'turnogo stroitel'stva v Abkhazii, 1921-1937. [Sukhumi] Abgosizdat, 1961. 187 p.

Education of children among the Abkhazians. IA. S. Smirnova. Krat. soob. Inst. etn. no. 36:36-43 '62.

ABKHAZIA—PHARMACY

Development of pharmacy in the Abkhazian A. S. S. R. during the past 40 years. Sh. D. Gogokhiia Apt delo 10 no 6:9-11 N-D '61

ABNORMALITIES (PLANTS)

Comparison of galls and teratomata caused by insects with fruits and seeds. E. I. Slepian. Bot zhur. 46 no. 11:1702-1717 N '61.

Studying the heredity of fascinations in monospermous sugar beets. P. D. Pinchuk, E. P. Prikhodchenko. Biul Glav bot. sada no. 43:83-87 '61

ABORTION IN ANIMALS

Tritenko, P. A. [Vibriosis in cattle and sheep] Vibrioz krupnogo rabotogo skota i ovets. Leningrad, Lzd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 246 p. (DA)

ABRAMOCHKINA, TAMARA KONSTANTINOVNA

Happy New Year, Tamara Konstantinovna! M. Konisheva. Klub 11 no. 1:28-30 Ja '62.

ABSCESS

Some characteristics of the surgical treatment of thoracolumbar tuberculous spondylitis complicated by draining abscesses. IA. B IUdin. Khirurgiia no 2 112-115 '62.

ABSENCE AND PRESUMPTION OF DEATH

Some remarks apropos of L. Gazliants' article "Wrong implementation of article 12 of the civil code of the R. S. F. S. R. by the plenary session of the Supreme Court of the U. S. S. R." S. Salov. Biul. Verkh. Suda no. 6:33-37 '61.

ABSOLUTE DIFFERENTIAL CALCULUS see Calculus of tensors

ABSORPTION

Absorption of CO_2 and H_2S by water solutions of monoethanolamine N I Gel'perin, V. Z. Grishko. Gaz. prom 6 no. 12:46-51 '61

Designing foam scrubbers for absorption accompanied by a chemical reaction. B. G. Rabovskii. Zhur prikl khim. 35 no. 2:361-366 F '62.

Glebov, G. D. [Absorption of gases by active metals] Pogloshchenie gazov aktivnymi metallami. Moskva, Gos. onerg. izd-vo, 1961. 183 p.

Increasing the gas adsorption of acetylene cylinders. I. I. Strizhevskii. Svar. proizv. no. 2:25-28 F '62

Mechanism of boron absorption by magnesium oxide. P. F. Rza-zade. Dokl. AN Azerb. SSR 17 no. 11:1027-1031 '61.

Modeling of chemabsorption processes. N. A. Gel'dberg, V. I. Kucheriavyi. Zhur. prikl. khim 35 no. 2:350-356 F '62.

ABSORPTION OF LIGHT

Buger's law. V. A. Fabrikant. Izv. AN SSSR Ser. fiz. 26 no. 1:61-66 Ja '62

ABSORPTION OF SOUND

Anisotropy of ultrasound absorption in superconductors [with summary in English]. I. A. Privorotskii. Zhur. eksp. i teor. fiz. 42 no. 2:450-456 F '62.

ABSTRACT METRICS see Distance geometry

ACADEMIC DEGREES see Degrees, Academic

ACADEMY OF PEDAGOGICAL SCIENCES OF THE R. S. F. S. R.—PRIZES

Awards for the best works of 1961. Sov. pedag. 26 no. 2: 159-160 F '62.

ACADEMY OF SCIENCES OF LATVIA see Latvian Academy of Sciences

ACADEMY OF SCIENCES OF THE UKRAINIAN S. S. R.

Changes in the procedure of examining and approving yearly plans of scientific activities for the institutes of the Academy of Sciences of the Ukrainian S. S. R. Dop. AN URSR no. 2:262 '62.

Miscellaneous information. Dop. AN URSR no. 1:135 '62.

Miscellaneous information. Dop. AN URSR no. 2:263 '62.

New sections and laboratories. Dop. AN URSR no. 2: 261 '62.

Regulations concerning the awarding of prizes to the staff members of the Academy of Sciences of the Ukrainian S. S. R. Dop. AN URSR no. 2:261 '62.

ACADEMY OF SCIENCES OF THE U. S. S. R.

In the Presidium of the Academy of Sciences of the U. S. S. R. Vest AN SSSR 32 no. 2,103-107 F '62.

Speeches of scientists and decisions on organizational problems. Vest AN SSSR 32 no. 3:19-23 Mr '62.

ACADEMY OF SCIENCES OF THE UZBEK S. S. R.

Brief news. Obshchestv. nauki v Uz. no. 3:74-75 '61.

Out-of-town session of the Academy of Medical Sciences of the U. S. S. R. and of the Uzbek Academy of Sciences' Committee on the control of silicosis, devoted to problems in labor hygiene in the coal and ore-mining industries; prevention and treatment of pneumoconiosis. M. F. Prikhod'ko. Med. zhur. Uzb. no. 9:81 S '61.

ACCELERATORS, ELECTRON see Particle accelerators

ACCIDENT LAW

Decision No. 8 of the Plenum of the Supreme Court of the U. S. S. R. of December 14, 1961 "How Soviet courts should implement the Decree of the Presidium of the Supreme Soviet of the U. S. S. R. of October 1961 'Procedure in the examination of lawsuits concerning the liability of industrial enterprises and governmental agencies for injuries to workers' health during their work.'" Biul. Verkh. Suda no. 1:8-8 '62.

How industrial enterprises and government agencies and organizations should compensate workers and employees for injuries to health during their work. Biul Verkh. Suda no 1 40-47 '62

Regulation No. 483/25 of December 22, 1961 of the State Committee of the Council of Ministers of the U. S. S. R. on Labor and Wages and the All-Union Central Council of Trade Unions. Biul. Verkh. Suda no. 1:39 '62.

ACCIDENTS

(see also subdivision under Leningrad)

His son will never see the light of the sun. A. Bezuglov. Sots. zakon. 39 no. 2.74-76 F '62.

Pathologic anatomical changes in the heart in accident injuries [with summary in English]. F. Shurmin. Izv. AN Latv SSR no. 11.117-122 '61.

ACCIDENTS, INDUSTRIAL see Industrial accidents

ACCLIMATIZATION

Possibility of facilitating the adaptation of the body to unusual climactic conditions [with summary in English]. N. V. Lazarev, L. P. Vartanian. Gig. truda i prof. zab. 6 no. 1:21-24 Ja '62.

ACCOMPLICES

Criminal responsibility for failure to report committed crimes and sheltering a criminal. M. I. Kovalev. Sov. gos. i pravo no. 2:104-107 F '57.

ACCOUNTING

(see also subdivision under Czechoslovakia; Germany, East; Rostov Province)

Control and accounting are a nationwide concern. N. Veitsman. Bukhg. uchet 19 no. 2:5-12 F '62

Economic data processing and accounting. G. Popov. Bukhg. uchet 19 no. 2:62-67 F '62.

Further improvement of the journal-voucher accounting system. M. Valsman. Bukhg. uchet 19 no 2:17-24 F '62.

Gaidukov, IU. A. [Analyzing the fulfillment of the production program and technological development plan of an enterprise] Analiz vypolneniia proizvodstvennoi programmy i plana tekhnicheskogo razvitiia predpriiatiia. Moskva, Izd-vo ekon. lit-ry, 1961. 55 p. (V pomoshch' propagandistam i slushateliam seti partiinogo prosveshchaniia)

Journal-voucher accounting system. Bukhg. uchet 19 no. 2:50-56 F '62.

National economic plan and state budget for 1962, and accountants' tasks. Bukhg. uchet 19 no. 1:1-4 Ja '62

New regulation on bookkeeping documents and entries. I. Chentsov. Bukhg. uchet 19 no. 1:59-62 Ja '62.

ACCOUNTING (Continued)

Ogurisov, V. V. [Theory of accounting] Teoriia bukhgalterskogo ucheta. Izd. 2., pererab. i dop. Dopushcheno v kachestve uchebnika dlia planovo-ekonomicheskikh spetsial'nostei gornykh tekhnikumov Moskva, Gosgortekhizdat, 1960 240 p. (MH)

"Principles of accounting in commerce" Edited by M. I. Bakanov Bukhg. uchet 19 no 2:74-78 F '62

Regulation on documents and entries in the accounting of enterprises and business organizations. P. Bezrukikh. Uchet i fin. v kolkhoz. i sovkhoz 19 no 1 53-57 Ja '62.

Review of newspapers. Bukhg. uchet 19 no. 1:63-67 Ja '62.

Review of newspapers. Bukhg. uchet 19 no. 2:57-61 F '62.

"Working capital in regional economic councils" by L. Rotshtein; "Economic analysis of the operations of enterprises" Book review Bukhg uchet 19 no 2 78 F '62.

ACCOUNTING—BIBLIOGRAPHY see Bibliography—Accounting

ACCOUNTING—STUDY AND TEACHING

In the departments of accounting, analysis of administrative operations and statistics of the institutions of higher learning. Bukhg uchet 19 no 1:68-70 Ja '62.

ACENAPHTHYLENE

Polarographic determination of acenaphthylene in polymers [with summary in English]. V. D. Bezuglyi, V. N. Dmitrieva, T. A. Batovskaia. Zhur. anal. khim. 17 no. 1:109-112 Ja-F '62.

ACEPROMAZINE

Influence of plegicil on some biochemical and morphological indices of the blood in dogs. Preliminary report [with summary in French]. L. I. Lando. Zhur. nevr. i psikh. 61 no. 6 902-908 '61.

Some data on the influence of large ("psychogenic") doses of plegicil on motor conditioned reflexes, behavior, and autonomic functions in dogs [with summary in French]. A. IA. Rappeport. Zhur. nevr. i psikh. 61 no. 6 909-916 '61.

Study of changes in the bio-electric mosaic of the cerebral cortex in schizophrenics during treatment with acepromazine (plegicil) [with summary in French]. F. A. Leibovich. Zhur. nevr. i psikh. 61 no. 6 896-901 '61.

Use of acepromazine in the treatment of mental patients [with summary in French]. A. B. Smulevich and others. Zhur. nevr. i psikh. 61 no. 6,890-895 '61.

ACETALDEHYDE

New method of synthesizing vitamin-A from β-ionolideneacetic aldehyde. Zh. A. Krasnaia, V. F. Kucherov. Zhur. ob. khim. 32 no 1:64-70 Ja '62.

Separate determination of small amounts of ethylene oxide, formaldehyde, and acetaldehyde in mixed aqueous solution. S. M. Samoilov, V. N. Andievskii, I. L. Kotliarevskii. Izv. AN SSSR. Otd. khim nauk no. 2 201-206 F '62.

ACETALS

Investigation in the field of simple glycol ethers and their derivatives. Part 40: Synthesis of chloral acetals. Shamkhal Mamedov, G. Lerner. Zhur. ob. khim 32 no. 2:403-407 F '62.

Synthesis of acetals of vinylacetylenic aldehydes. V. B. Mochalin, N. G. Ivanova Zhur. ob. khim 31 no. 12: 3809-3809 D '61.

ACETAMIDE

Use of thioacetamide for the determination of impurities in metallic niobium [with summary in English]. P. IA. IAkovlev and others. Zhur. anal. khim. 17 no. 1:90-93 Ja-F '62.

ACETIC ACID

1-5-Diaryl-3-haloformazan series. Part 3: Reaction of arylazochloroacetic acids with nucleophilic agents. M. O. Lozinskii, P. S. Pel'kis. Zhur ob khim. 32 no. 2: 526-531 F '62.

Organic insecticide-fungicides. Part 62: Synthesis of new derivatives of phosphonoacetic acid. N. N. Mel'nikov and others. Zhur. ob. khim. 31 no. 12:3949-3953 D '61.

Production of monochloroacetic acid. E. V. Sergeev, A. L. Englin, V. N. Egorova. Khim. prom. no. 10:41-45 O '61.

Reaction of difluoroacetates with arsenic, arsenic trichloride, and nitrosyl chloride. M. A. Raksha, N. N. IArovenko. Zhur. ob. khim. 32 no. 1:273-274 Ja '62.

Reaction of difluoromethyldifluoroacetate with potassium fluoride. N. N. IArovenko, M. A. Raksha. Zhur. ob. khim. 31 no. 12:4011-4012 D '61.

Reactions of aliphatic diazo compounds with unsaturated compounds. Part 20: Reaction of ethyl diazoacetate with 1-phenylpropyne in the presence of copper sulfate. I. A. D'iakonov, M. I. Komendantov. Zhur. ob. khim. 31 no. 12:3881-3883 D '61.

Study of the substances entering into the composition of essential oils. Part 2: Condensation of sabinene with diazoacetic ester. M. I. Goriaev, G. A. Tolstikov. Zhur. ob. khim. 32 no. 1:310-312 Ja '62.

Synthesis of some organomercuric salts of the type $XC_6H_3CH(HgBr)CO_2C_2H_5$ Part 2. I. P. Beletskaia, O. A. Reutov, G. A. Artamkina. Zhur. ob khim 32 no 1 241-245 Ja '62.

Tertiary trihydric acetylenic and ethylenic alcohols and their chemical transfigurations Part 27. Action of acetic acid on 2, 3, 6-trimethyloxido-4-heptane-2, 3, 6-triol, 3, 4, 7-trimethyloxido-5-octane-3, 4, 7-triol, and 5-methyl-2-(--hydroxycyclohexyloxido-3-hexane-2, 5-diol V. I. Nikitin, M. M. Tuliaganov. Zhur ob khim 32 no 2:413-417 F '62

Use of methyl dichloroacetate in the Darzens reaction. V. F. Martynov, M. I. Titov. Zhur. ob. khim. 32 no. 1: 319-320 Ja '62.

Vapor-liquid equilibrium in the system furfurole - water - acetic acid. IU. A. TSirlin Zhur prikl khim 35 no. 2:409-416 F '62

ACETOACETIC ACID

Reaction of diethylmethoxychlorosilane with sodium derivatives of acetylacetone and acetoacetic ester. K. A. Andrianov, A. A. Zhdanov, E. A. Kashutina. Zhur ob khim 32 no 1:297-301 Ja '62

Reactions of methylbenzoylcarbinol and ethylbenzoylcarbinol methyllactolides with sodium acetoacetic ester T. I. Temnikova, B. A. Ershov. Zhur ob khim 32 no 2:661-662 F '62.

ACETONE

Liquid phase oxidation of trans-n-butylideneacetone by molecular oxygen. I. G. Tishchenko, L. S Stanishevskii. Zhidkofaz. okis nepr. org. soed. no. 1:133-143 '61.

Reaction of hexafluoroacetone with olefins I. L. Knuniants B. L. Diatkin. Izv. AN SSSR, Otd. khim nauk no 2 355-356 F '62.

ACETONITRILE

Determination of an acetonitrile admixture in trimethylchlorosilane S. V. Slavtsilo, B. M. Luskina, L. N Karabashkina. Plast. massy no. 2:24 '62.

ACETYLATION

Perchloric acid and its compounds as catalysts in organic synthesis. Part 3: Acylation of certain aromatic hydrocarbons and ethers of monohydric and polyhydric phenols. G. N. Dorofeenko, L. V. Polishchuk. Zhur ob khim. 32 no. 2,364-367 F '62.

ACETYLCHOLINESTERASE

Activity of acetylcholinesterase and histopathology of lymphadenoid tissues in acute radiation sickness. I. S Gavrilenko. Radiobiologiia 1 no. 6:861-865 '61

ACETYLENE

Cyclic trimerization of acetylenes. V. O. Raikhfel'd, K. L. Makovetskii, L. L. Erokhina. Zhur ob. khim. 32 no. 2. 653 F '62.

Equipment for manufacturing ethylene and acetylene by the process of hydrocarbon homogenous pyrolysis V. I Maiorov, T. N. Mukhina. Gaz prom. 6 no 12 42-46 '61.

Problems of industrial hygiene in the production of vinyl chloride from acetylene [with summary in English]. V. S. Filatova, E. Sh Gronsberg, M. S. Babochkina Gig truda i prof. zab. no 2 10-15 '62

Tertiary triatomic alcohols of the acetylenic and ethylenic series and their chemical conversions. Part 25. Mechanism of the hydrogenation of polyhydroxyl-containing derivatives of acetylene V I. Nikitin, N. V. Malorova. Zhur. ob. khim. 32 no 1 33-40 Ja '62.

ACETYLENE—STORAGE

Increasing the gas adsorption of acetylene cylinders. I. I. Strizhevskii. Svar. proizv. no. 2:25-28 F '62.

ACETYLENE COMPOUNDS

Interaction between α-oxides of the acetylenic series and alkyl- and dialkylamines. Part 1. F. IA. Perveev, V. M Domidova. Zhur. ob khim. 32 no 1:117-121 Ja '62.

Interaction between α-oxides of the acetylenic series and allylamine and diallylamine. Part 2. F IA Perveev, V. M. Domidova Zhur. ob. khim. 32 no 1:121-126 Ja '62.

ACETYLENE COMPOUNDS—SPECTRA

Hydrogen bond between molecules of acetylenic aldehydes and ketones. A. A. Petrov, V. B. Lebedev, I. G. Savich. Zhur. ob. khim 32 no. 2:658-659 F '62.

ACETYLENE GENERATORS—SAFETY MEASURES

Prevent accidents with stationary acetylene generators. I. V. Liurt. Bez. truda v prom. 6 no. 1:15 Ja '62.

ACETYLPHOSPHATASE

Effect of chloramphenicol (levomycetin) on the activity of acetylphosphatase and phosphotransacetylase of E. coli [with summary in English]. A. I. Korotiaev. Antibiotiki 7 no. 2:150-153 F '62.

ACID-BASE EQUILIBRIUM

Acid-base equilibrium [with summary in English]. M. P. Komar', O. A Buhaievs'kyi. Dop. AN URSR no. 1:75-79 '62.

ACID PROTEINASE see Pepsin

ACID-RESISTANT MATERIALS

Characteristics of fabrics for acid-proof protective clothing. I. M. Naiman, M. L. Brainina. Tekst. prom 22 no. 1:21-24 Ja '62.

ACIDS

New microluminescence method for the titration of small amounts of substance in solutions Report No. 2: Determination of small quantities of strong acids in solution [with summary in English] K. P Stoliarov, N. N Grigor'ev, L. A. Solov'eva. Zhur anal khim. 17 no 1: 28-30 Ja-F '62.

ACIDS, FATTY

Mechanism of the reaction of cyanamide with monobasic acids of the aliphatic series. A. E. Kretov, A. P. Moinsenko. Zhur. ob khim. 31 no 12,3916-3921 D '61

ACIDS, ORGANIC

Benzothiazolylalkylcarboxylic acids and their derivatives, Part 3. Some 2-benzothiazolylhydroxyalkyl- and oxoalkylcarboxylic acids F S Babichev, L. N. Mokrova, L. V Ryzheva Zhur. ob khim. 32 no. 2:506-510 F '62

Polarographic investigation of the hydrogenation process. Part 7: Hydrogenation of mixtures of cis-trans isomeric acids A. L. Markman, E. V. Zinkova. Zhur ob khim. 32 no 2 353-358 F '62.

Potentiometric method of analyzing mixtures of organic and nitric acids in nonaqueous media. A. P Kreshkov and others Zav lab. 28 no 1 11-13 '62

Reaction of organohydride silanes with carboxylic acids in the presence of colloidal nickel N F. Orlov and others Zhur ob khim 32 no. 2:650-651 F '62

Structure of products of addition of acid chlorides to methylene bases of benzothiazole V. I. Denesh, M. Ferkeshan Zhur. ob khim 32 no 2:654-655 F '62

Synthetic study in the field of polyyne compounds. IU B Platnova and others Zhur. ob. khim 32 no 1 138-139 Ja '62.

ACONITE

Aconites and their use in popular medicine. A B. Zakharova, B. S. Zakharov Vest. AN Kazakh SSR 18 no. 1:105-107 Ja '62.

ACOUSTIC NERVE

Clinical aspects of lesions of the 8th pair of nerves in the comatose and precomatose forms of malaria E A Ladyzhenskaia. Med. zhur. Uzb no 3 54-56 Mr '60

ACOUSTIC NERVE—DISEASES

Embichine therapy in neuritis of the acoustic nerve [with summary in English]. N. P. Kniga, S M. Svirnovskaia Vest otorin no 2 78-81 '62.

Treatment of acoustic neuritis with novembichine [with summary in English]. IA. G. Volynkin, R. I. Stepanova. Vest otorin no 2 81-83 '62.

ACOUSTICAL ENGINEERING

Genzel', G. S. [Abstract of lectures from a course on radiobroadcasting and acoustics] Konspekt lektsii po kursu radioveshchanie i akustika, uchebnoe posobie dlia studentov. Leningrad, Leningr. elektrotekhn. in-t sviazi im. M. V. Bonch-Bruevicha. No. 1. 1961. 47 p.

Inspection by means of sound. A. Grepachevskii. IUn. tekh. 6 no. 2:35-37 '62.

ACOUSTICAL MATERIALS

Sound-absorbing porous ceramic material. K. A. Smirnova. Trudy NIIStroikeramiki no. 16:132-148 '60.

ACOUSTICS see Hearing

ACRIDINE

Condens
densat
hyde.
32

Effe
and
in
6

ACRIL
Infra
Opt

ACRO
Anal
nar
Te

ACRO
Con
and
α-]
Izv

Oxid
mo
Zh

Rea
hy
Zh

ACRYLIC ACID
Acryloyl- and methacryloylpyrrolidinones. F. P. Sidel'kovskaia, M. G. Zelenskaia, M. F. Shostakovskii Zhur ob. khim. 31 no. 12 4060-4061 D '61

ACRYLONITRILE POLYMERS—ELECTRIC PROPERTIES
Electrode behavior of heat treated polyacrylonitrile A N Frumkin, L I Boguslavskii, V S Serebrennikov Dokl. AN SSSR 142 no 4 876-880 F '62.

ACS SERUM see Antireticular cytotoxic serum

ACTIN
Proteins of muscle tumors A N Parshin, Kh. L. Aleksandr. Dokl AN SSSR 143 no 1 228-230 Mr '62

ACTINOMYCES
Amino acids in the mycelium and culture medium during the cultivation of Act aureofaciens [with summary in English] A M. Bezborodov, L. E Semkina Antibiotiki 7 no 2 118-124 F '62.
Comparative study of the variability in antibiotic synthesis of various strains of Act streptomycini under the influence of ultraviolet rays and ethyleneimine [with summary in English] S. I. Alikhanian, E. S Morozova, S. I. Veselova. Antibiotiki 6 no. 12,1055-1058 D '61
Counterflow distribution method for detecting a new streptomycin-like antibiotic produced by the LS-1 strain of Str. griseus (Act. streptomycini) [with summary in English] V. M. Baikina and others. Antibiotiki 7 no. 2 112-117 F '62
Isolation of actinomycetes from the Actinomyces fluorescens group G. P. Men'shikov, S. I. Denisova. Antibiotiki 7 no. 1;31-32 Ja '62
Simplified key for determining the important sections and series of actinomycetes species which produce antibiotics I. Szabó, M. Marton. Antibiotiki 7 no. 1;3-11 Ja '62.
Using Caryophanon latum as a test in selecting new antibiotics from actinomycetes [with summary in English] L. P. Ivanitskaia. Antibiotiki 6 no. 12;1083-1085 D '61

ACTINOMYCETES
Microbiological transformations of steroids Report No. Preparation of Δ^4-pregnene-17α, 20β, 21-triol-3-one by means of actinomycetes L. M. Kogan and others Izv. AN SSSR Otd. khim. nauk no 2 302-303 F '62

ACTINOXANTHINE
Various microscopic methods in the study of the action of actinoxanthine on cells of the ascites form of Ehrlich tumor [with summary in English] V. I. Bolko, V. G. Koroleva. Antibiotiki 6 no. 12;1085-1091 D '61

ACTIVATED CARBON see Carbon, Activated

ACTIVITY COEFFICIENTS
Activity coefficients of cesium chloride in N-methylformamide IU. M. Povarov and others. Dokl. AN SSSR 142 no. 5;1128-1129 F '62.
Activity of iron in Fe - Ni - S melts S. E Vaisburd, B. I Verner, V. L. Kheifets Izv. vys. ucheb zav.; tsvet met 5 no. 1,59-67 '62.
Activity of oxides in liquid aluminum silicates IU P. Nikitin and others Izv. vys. ucheb. zav., tsvet. met. 5 no 1 74-76 '62.
Calculations of thermodynamic carbon activity in iron-carbon-phosphorus alloys. A. A. Zhukov. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 1,36-41 Ja-F '62.

ACTIVITY PROGRAMS IN EDUCATION
I try to develop the independent work of students. N. Liventseva. Nar. asv. no 1,60-65 Ja '62.

ACTORS—CORRESPONDENCE, REMINISCENCES, ETC.
Savina, M. G. [Misfortunes and wanderings] Goresti i skitaniia; zapiski, 1854-1877. Leningrad, Iskusstvo, 1961. 140 p. (Teatral'nye memuary) (MH)

ACUPUNCTURE
Acupuncture therapy in nocturnal enuresis. IA. K. Kashmet' Zdrav. Bel. 7 no. 6;51-52 Je '61
Dynamics of the external respiration indices in bronchial asthma following acupuncture and physical exercise. B. K. Kasymov. Med. zhur Uzb. no. 3;39-41 Mr '60
Therapeutic use of acupuncture in facial neuritis and its complications. L. B. Likhterman. Vrach. delo no. 1;150-151 Ja '62.
Use of acupuncture in hypertension. N. A. TSiomo, V. K. Prevelis. Zdrav Kazakh. 21 no. 5;42-44 '61.

ACUTE CATARRHAL JAUNDICE see Hepatitis, Infectious

ADAMANTANE
Conversions of endo-trimethylenenorbornane on an aluminosilicate catalyst. Formation of adamantane. A. F. Plate, Z. K. Nikitina, T. A. Burtseva. Neftekhimiia 1 no. 5;589-603 S-O '61.

ADAPTATION (BIOLOGY)
Paradoxes of adaptation. V. L. Ryzhkov. Priroda 51 no. 2;33-39 F '62.
Role of adaptation to low temperature and dibasol in increasing the resistance of mice to adverse factors. V. IA. Rusin. Fiziol zhur. 48 no. 2;195-200 F '62.

ADDING MACHINES see Calculating machines

ADEN, GULF OF—HYDROLOGY
Hydrology of the Suez Canal, the Red Sea, and the Gulf of Aden. A M Muromtsev. Meteor. i gidrol. no. 2 42-45 F '62

ADEN PROTECTORATE—SOCIAL CONDITIONS
Rashid from Aden. Boris Tartakovskii. Vokrug sveta no. 2;56-60 F '62.

ADENOSINE
Synthesis of o-aminoacyl derivatives of adenosine and study of their properties E. IA. Dreiman and others. Zhur ob. khim. 31 no 12;3899-3905 D '61.

ADENOSINE TRIPHOSPHATE
Interaction of myosins A and B with adenosine triphosphate and some problems in the theory of muscular contraction [with summary in English] M M Zaalishvili. Trudy Inst. fiziol. AN Gruz. SSR 12;175-192 '61.

ADHESION
Adhesion of simplest silicate melts to oxidized and unoxidized steels. A. A. Perminov, S. I. Popel', V. S. Smirnov. Zhur. prikl. khim. 35 no. 2,271-275 F '62
Binding strength between a rubber covering and a carcasse and its effect on some properties of rubberized materials. V. G. Raevskii, M. G. Malzel's, S. S. Voiutskii. Kauch. i rez 21 no 2;17-23 F '62.
Relationship between the adhesion of polymers to a solid surface and their adsorption from solutions IU S Lipatov and others. Dokl AN BSSR 6 no. 1 42-44 Ja '62

ADHESIONS (ANATOMY)
Pleural adhesions following artificial pneumothorax. I. P. Zinov'ev Zdrav. Kazakh. 21 no. 10;28-30 '61
Role of vagosympathetic blocking in cauterizing adhesions in patients with negative intrapleural pressure. N. I. Kravkovskii, I. P. Kopeiko Kaz med. zhur. no. 4, 37-39 Jl-Ag '61

ADHESIVES
(see also subdivision under Armenia)
"Arzamit-6," a new adhesive. V. K. Smirnov, G. Z. Voyshina. Plast. massy no. 2;69-71 '62.

ADIPONITRILE
Mechanism of secondary and tertiary amine formation in the process of catalytic hydrogenation of adiponitrile to hexamethylenediamine L. Kh. Freidlin, T. A. Sladkova Izv. AN SSSR Otd. khim. nauk no. 2 338-341 F '62.

ADMINISTRATION OF CRIMINAL JUSTICE see Criminal justice, Administration of

ADMINISTRATIVE ECONOMIC COUNCILS
(see also subdivision under Armenia; Chelyabinsk)
Rotshtein, L. A. [Working capital in economic councils; organization and planning] Oborotnye sredstva v sovnarkhozakh, organizatsiia i planirovanie. Moskva, Gosfinizdat, 1961. 110 p. (MH)

ADOLESCENCE
"Difficult" age. V. Zhukouskaia. Belarus' 19 no. 2;30 F '62.

ADRENAL CORTEX
Function of the adrenal cortex in dogs after acute radiation sickness. E. N. Antipenko. Radiobiologiia 1 no. 6; 926-932 '61.
Functional state of the adrenal cortex in acute lead poisoning. E. K. Nurmagambetov. Vest. AN Kazakh SSR 18 no. 1;88-95 Ja '62.
17-Ketosteroids as indices of the function of the adrenal cortex in tuberculosis [in Azerbaijani with summary in Russian]. M. N. Alieva Azerb. med. zhur. no. 8; 35-38 Ag '61.

ADRENAL CORTEX—CANCER
Clinical aspects and pathological anatomy of hormonally inactive forms of cancer of the adrenal cortex. IU. I. Fishzon-Ryss, K. K. Poroshin. Nov. khir. arkh. no. 2; 62-67 '62.

ADRENAL GLANDS—BLOOD SUPPLY
Veins of the adrenal glands and the directions of the outflow of blood from the medullary substance of this organ [with summary in English]. M. R. Sapin. Arkh. anat. gist. embr. 40 no. 6;82-90 Je '61

ADRENALINE
Changes in the concentration of adrenaline, noradrenaline, and their oxidation products in the blood and adrenals of rats due to the effect of polonium and X rays. E. N. Petrovnina. Radiobiologiia 1 no. 6;907-912 '61.
Concentration of adrenaline and its oxidation products in tissues of blood vessels of guinea pigs exposed to ionizing radiation. L. I. Polikarpova. Radiobiologiia 1 no. 6;888-892 '61.
Effect of reserpine and hypothiazine treatment on urinary excretion of catechol amines in hypertension [with summary in English]. V. V. Men'shikov. Terap. arkh. no. 9;12-16 '61.
Effect of the cervical sympathetic nerve and adrenaline on the functioning of the nonspecific thalamocortical structures M. G. Belekhova. Fiziol. zhur. 48 no. 2; 134-144 F '62.
Investigation of the sensitivity of various divisions of a dog's brain with the help of cannular electrodes A IA Mohyleva'kyi. Fiziol. zhur. [Ukr.] 8 no. 1;132-136 Ja-F '62

ADRENOCORTICAL HORMONES
Corticosteroid therapy in Nephritis M. S. Vovsi, M. IA. Ratner. Vest. AMN SSSR 16 no. 12;9-20 '61.
Local use of steroid hormones in treating some skin diseases. IU. IA. Ashmarin and others. Vest. derm. i ven. no. 2;71-73 '62.

ADRENOCORTICOTROPIC HORMONES see ACTH

ADRIATIC SEA REGION—GAS, NATURAL—GEOLOGY
Prospects for finding oil and gas in the Adriatic geosyncline. L. I. Grdzelov. Sov geol 5 no. 1;100-104 Ja '62

ADRIATIC SEA REGION—PETROLEUM GEOLOGY
Prospects for finding oil and gas in the Adriatic geosyncline. L. I. Grdzelov. Sov. geol 5 no 1;100-104 Ja '62.

ADSORBENTS
Using new sorbents in the advanced-stage dehydration of gases Z. A. Zhukova and others Khim. prom. no 2; 100-105 F '62.

ADSORPTION
Adsorption of gelatin by coal and mineral adsorbents as related to their activity and the pH of the medium. N F Ermolenko, L. N Malashevich Dokl AN BSSR 6 no 1 35-38 Ja '62
Inhibition of surface reactions on catalysts and the immobility of adsorbed molecules. V. E. Vansheidt, A. A. Balandin, T. V. Georgievskaia. Dokl. AN SSSR 140 no. 5;1110-1113 O '61.
Recovery of methanol vapors. R. M. Bekker. Khim. prom. no 2;142-143 F '62.
Theory of adsorption from solutions of nonelectrolytes on solid adsorbents. Report No 1: Equation of the isotherm of adsorption from solutions and the analysis of its simplest form. S. IU. Elovich, O. G. Larionov. Izv. AN SSSR. Otd. khim. nauk no. 2,209-216 F '62.
Theory of adsorption from solutions of nonelectrolytes on solid adsorbents Report No. 2 Experimental verification of the equation of the isotherm of adsorption from solutions S. IU. Elovich, O. G. Larionov. Izv. AN SSSR Otd. khim. nauk no. 2,216-222 F '62.

ADULT EDUCATION
(see also subdivision under Kiev; Votkinsk District)
N. K. Krupskaia on the scientific and theoretical bases of "adult pedagogics," P. V. Gornostaev Dokl APN 5 no. 3;43-46 '61.
[People's universities] Narodnye universitety; sbornik statei. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 108 p. (Bibliotechka sel'skogo klubnogo rabotnika, no. 17)

ADVENTURE AND ADVENTURERS—BIBLIOGRAPHY see Bibliography—Adventure and adventurers

ADZ'VA VALLEY—GEOLOGY, STRATIGRAPHIC
New data on the Permian and Triassic stratigraphy of the Adz'va Valley in the northern part of the Chernyshev Ridge [with summary in English]. L. L. Khaltmar. Biul MOIP, Otd. geol. 37 no. 1;57-71 Ja-F '62.

AERIAL BOMBING see Bombing, Aerial

AERIAL NAVIGATION see Navigation (Aeronautics)

AERIAL PHOTOGRAMMETRY
Possibility of increasing the accuracy of radiogeodetic determination of the coordinates of photographic stations in aerial photographic surveying. K. A. Zykov. Trudy MIIZ no. 8;195-206 '59.

AERIAL SPORTS
Wholeheartedly. P. Korzinkin. Kryl. rod. 12 no. 10;19 O '61.

AERODYNAMIC MEASUREMENTS
Some data concerning experimental determination of the aerodynamic resistance of stacks of barrels I. V. Eitvid. Trudy LKI no. 31;117-121 '60.

AERODYNAMIC MODELS
Resistances in the lower boundary of a self-stimulating area during work with air models. N. P. Gillarov, O. F. Morozova. Trudy LIVT no. 7;17-22 '60.

AERODYNAMICS
Limits of the applicability of the relaxation model of Boltzmann's kinetic equation. V. S. Galkin. Inzh. zhur. 1 no. 3;153-166 '61.
Near free-molecular flow of a rarefied gas about bodies. R. S. Iroshnikov. Inzh. zhur. 1 no. 3;60-64 '61.
Predvoditelev, A. S. [Aerodynamics of rarefied gases and heat-transfer problems; Conference on Heat and Mass Transfer, Minsk, January 23-27, 1961] Ob aerodinamike razrezhennykh gazov i zadachakh teploobmena; soveshchanie po teplo-i massoobmenu, g. Minsk, 23-27 ianvaria 1961 g. [Minsk, 1961] 24 p. [MICROFILM]
Resistance of bodies similar to bodies of revolution. M. N. Kogan. Inzh. zhur. 1 no. 3;158-158 '61.

AERODYNAMICS (Continued)
Using the straight-line method in solving problems of subsonic flow about airfoils with a supersonic zone terminating with a shock wave F. Kerimgaziev Inzh zhur 1 no. 3 75-85 '61

AERODYNAMICS, HYPERSONIC
Exact solutions for lifting systems with one or two compression shocks V. V Keldysh. Inzh zhur. 1 no. 3 22-39 '61.
Force action of a hypersonic flow on slender bodies under gas radiation conditions in the vicinity of the bluntness. A A Nikol'skii Inzh. zhur 1 no 3 40-45 '61.
Forward stagnation point heat transfer for hypersonic flow V. IA. Neiland, G I Taganov. Inzh zhur 1 no 3 151-153 '61

AERODYNAMICS, SUPERSONIC
Aerodynamics of high speeds and high altitudes. A A Dorodnitsyn, A A. Nikol'skii, P I Chushkin Vest AN SSSR 32 no 2 80-81 F '62.
Mel'nikov, A. P. [Aerodynamics of high speeds; fundamentals of the gas dynamics of aircrafts] Aerodinamika bol'shikh skorostei, osnovy gazodinamiki letatel'nykh apparatov. Moskva, Voen. izd-vo M-va oborony SSSR, 1961. 423 p.
Position of the front shock wave due to supersonic gas flow about an elongated body of an arbitrary form B M Bulakh Inzh. zhur 1 no 3 150-160 '61

AERONAUTICAL INSTRUMENTS—TESTING
New calibrating equipment. K. S. Smirnov. Vest. Vozd. Fl. no. 11;58-59 N '61

AERONAUTICAL SOCIETIES
Cheaters should not be in an aviators club. S. Prokof'ev, N. Kobyzev Kryl. rod 12 no 10;30 O '61
In the International Aeronautical Federation. Kryl. rod. 13 no. 1.12 Ja '62.

AERONAUTICS
Facts, events, people. Kryl. rod. 13 no 1 14-15 Ja '62.
In the name of peace and progress. Ekon Sov. Ukr no. 3-3 My-Je '61
Relay of generations. V. Smolin. Kryl. rod. 13 no. 1-3-5 Ja '62

AERONAUTICS—COMPETITIONS
(see also subdivision under Kalinin)
Important seconds. N. Denisov. Kryl. rod. 12 no. 10; 6-8 O '61.
Thirty-two world records. Kryl. rod. 12 no. 10;8 O '61
Year of great competitions. I. Bobarykin. Kryl. rod 13 no. 1 8 Ja '62.

AERONAUTICS—TECHNOLOGICAL INNOVATIONS
Tayninka inventors. A. Efim'ev. Tekh. mol. 30 no. 1-14-16 '62.

AERONAUTICS, COMMERCIAL
Books for workers in air transportation. I. Chudnkov. Grazhd. av. 18 no. 11;31 N '61.
Commendable efforts. R. Locomte. Grazhd. av. 18 no. 11-29 N '61.
Commercial aeronautics in numbers. F. Shalimov. Grazhd. av. 18 no. 11;14 N '61.
Excellent relations. B. Bergman. Grazhd. av. 18 no. 11-28-29 N '61.
Flying skill of Russians. G. Wocap. Grazhd. av. 18 no. 11;26 N '61.
Is it a question only of rights? A. Ivoninskii. Grazhd. av. 18 no. 11-6-7 N '61.
An outstanding guest. A. Dullet. Grazhd. av. 18 no. 11; 29 N '61.
Parakhonskii, B. M. [Technical and economic problems in air transportation] Tekhniko-ekonomicheskie problemy vozdushnogo transporta. Moskva, Izd-vo Akad. nauk SSSR, 1961. 103 p. (Problemy razvitiia edinoi transportnoi seti SSSR)
Passengers' letters. Grazhd. av. 18 no. 11;23 N '61.
Rumiantseva, Z. P. [Using a linear programming system in planning the operations of civil aviation] Primenenie lineinogo programmirovaniia v planirovanii grazhdanskogo vozdushnogo flota, konspekt lektsii dlia studentov fakul'teta ekonomiki vozdushnogo transporta. Red. G. V. Teplov. Moskva, Mosk. inzhenerno-ekon. in-t im. Sergo Ordzhonikidze, 1960. 42 p.

AERONAUTICS, MILITARY
Session of a department in an aviation unit. L. M. Shishov, N. I. Gapeenok. Vest. Vozd. Fl. no 10;56 O '61.

AERONAUTICS, MILITARY—STUDY AND TEACHING
Here they strengthened wings. Vest. Vozd. Fl. no. 10; 40-43 O '61.
In the Kharkov Aviation School. N. G. Konikov. Vest. Vozd. Fl no. 10;40-53 O '61.

AERONAUTICS IN GEOLOGY
Using the helicopter variant of the induction method in electric mapping. IU. B. Shaub. Izv. AN SSSR. Ser. geofiz no. 2;213-217 F '62.

AERONAUTICS IN MOSQUITO CONTROL see subdivision under Azerbaijan

AERONAUTICS IN SURVEYING
From the results of first small-scale geophysical surveys by the use of aircraft transportation in regions with different access in Western Siberia. IU. A. Riss. Trudy Inst. geol. i geofiz. Sib. otd. AN SSSR no. 11;167-174 '61.

AEROSOL THERAPY
Use of aerosols of antibiotics from the tetracycline series in catarrhal and suppurative diseases of the upper respiratory tract [with summary in English] S. I. Eidel'shtein, E. S. Zhilinskii, S. M. Gol'tser Antibiotiki 7 no 1,68-71 Ja '62

AEROSOLS
Aerosol immunization with dry live vaccines and anatoxins Report No 7. Organization, methods, and technic of mass aerosol immunization of human subjects with atomized vaccines [with summary in English] N. I. Aleksandrov and others Zhur. mikrobiol., epid. i immun. 32 no 9 3-7 S '61.
Dispersiveness of the silver iodide aerosol V. N. Balabanova, T. N. Zhigalovskaia Izv AN SSSR. Ser geofiz no 3,443-446 Mr '62
Institute of virology's chamber No. 2 (IVK2) for work with aerosols. Vop. virus. 6 no 6 743-745 N-D '61
Study of aerosols. Report No. 4: Chamber for experiments with inhalation immunization [with summary in English] S. N Muromtsev, V. P. Nenashev. Zhur. mikrobiol., epid. i immun. 32 no 9 25-26 S '61.

AESTHETICS
Adamian, A. A. [Articles on art] Stat'i ob iskusstve. Moskva, Gos. muzykal'noe izd-vo, 1961. 430 p.
Art, petty bourgeois taste, and fashion. N. Voronov. Sem'ia i shkola 17 no 3-14-16 Mr '62
Belik, A. P. [Art for man!] Iskusstvo - cheloveku! Moskva, Gos. izd-vo polit lit-ry, 1961. 69 p (Populiarnaia bibliotechka po estetike)
Belik, A. P. [Chernyshevskii's views on aesthetics] Estetika Chernyshevskogo. Moskva, Vysshaia shkola, 1961. 292 p.
"Chernyshevskii's views on aesthetics" by A. P. Belik Reviewed by P. A. Nikolaev. Vop. filos. 16 no. 3; 170-173 '62
Discussing the problem "The nature of the aesthetic." E. G. IAkovlev. Nauch dokl. vys. shkoly, filos nauki 5 no. 1;171-174 '62.
"Dynamic aesthetics" in 1961 M. M Ostryk. Rad lit 6 no 2 3-28 Mr-Ap '62.
Gol, N. K., and V. M. Piskunov. [Aesthetic ideal in Soviet literature] Esteticheskii ideal sovetskoi literatury. Moskva, Izd-vo Akad. nauk SSSR, 1962. 205 p.
Skatershchikov, V. K. [Art as a form of social conscience] Iskusstvo kak forma obshchestvennogo soznaniia. Moskva, Gos. muzykal'noe izd-vo, 1961. 31 p. (V pomoshch' slushateliam universitetov kul'tury)
Social meaning of Dewey's pragmatic aesthetics (to be concluded). Sidney Finkelstein Vop filos 16 no 3 94-106 '62
Two concepts of the aesthetic. L. N. Stolovich. Vop. filos. 16 no. 2 110-120 '62.
Two extremes in the discussion of the beautiful. T. T. Napolova. Nauch. dokl. vys. shkoly; filos. nauki 5 no 1; 154-159 '62.

AESTHETICS—BIBLIOGRAPHY see Bibliography—Aesthetics

AESTHETICS—STUDY AND TEACHIN
Clear and artistic! Lidiia Chaga. no. 1;22-23 Ja '62.
Knowledge for students. N. Meshr obr. 18 no. 2;26 F '62.
Retort to Professor A. Markushev Isk. kino no. 1; 103-104 Ja '62.
Teach them to see the greatest bel V. V. Zhuravlev Vest. vys. shkol '62.

AFANAS'EV, AGAFANGEL ALEKS
Professor's A. A. Afanas'ev's anni uchet 19 no. 3;79 F '62.

AFFORESTATION see subdivision

AFGHANISTAN—DESCRIPTION AN
Meetings in Afghanistan. N. Dvor no 10,25-26 Mr '62.

AFGHANISTAN—ECONOMIC ASSIST
Meetings in Afghanistan N. Dvor no 10;25-26 Mr '62.

AFGHANISTAN—FOREIGN RELATI
Treaty of friendship. V. Matveev. 56 F '62.

AFGHANISTAN—ROAD CONSTRUC
The arteries of life. S. Glazko. no. 3;100-102 Mr '62.

AFRICA—BRITISH COLONIES
Goncharov, L. V. [Imperialist exploitation of English colonies in Africa] Imperialisticheskaia ekspluatatsiia angliiskikh kolonii v Afrike Moskva, Izd-vo In-ta mezhdunarodnykh otnoshenii, 1961. 150 p.

AFRICA—DESCRIPTION AND TRAVEL
Dangerous journey. Alfred Hutchinson. Vokrug sveta no 3-34-37 Mr '61
A dangerous journey Alfred Hutchinson. Vokrug sveta no 4-52-56 Ap '61
Safonov, V. A. [Burned by the sun; a travel sketch] Opalennye solntsem, putevaia povest'. Moskva, Sovetskii pisatel', 1961. 204 p.

AFRICA—ECONOMIC CONDITIONS
[Africa today; concise reference book on politics and economic conditions] Afrika segodnia, kratkii politiko-ekonomicheskii spravochnik. Moskva, Gos. izd-vo lit-ry, 1962. 326 p
African states on the path to economic independence E. Berkov Plan. khoz 39 no 3,82-86 Mr '62

AFRICA—FRENCH COLONIES
Subbotin, V. A. [French colonial expansion in the late 19th century; Equatorial Africa and the islands of the Indian Ocean] Frantsuzskaia kolonial'naia ekspansiia v kontse XIX v., Ekvatorial'naia Afrika i ostrova Indiiskogo okeana. Moskva, Izd-vo vostochnoi lit-ry, 1962, 165 p.

AFRICA—HISTORY
"History of the peoples of the black Africa" [in French] by R. Cornevin. Reviewed by S. I. Kuznetsova Vop ist. no. 2,198-199 F '62.

AFRICA—MAPS
Andrianov, B. V. [The population of Africa; a supplement to the map of the peoples of Africa] Naselenie Afriki, prilozhenie k karte narodov Moskva, Izd-vo Akad nauk SSSR, 1960. 78 p.
——— ——— ———Map: 8200 11 6 EB 8000
Artem'eva, A. G. [The modern map of Africa] Sovremennaia karta Afriki. Moskva, Izd-vo "Znanie," 1961. 32 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 12, Geologiia i geografiia, no. 22)
Changes on the map of Africa. A. G. Artem'eva. Geog. v shkole 25 no. 2-68-74 Mr-Ap '62
[Land and people; geographical calendar for 1962] Zemlia i liudi; geograficheskii kalendar' 1962. Moskva, Gos. izd-vo geogr. lit-ry, 1961. 253 p.
——— ——— [Africa, 1951 and 1961; colored maps. Supplement] Afrika 1951 i 1961 gody, tsvetnye karty. Prilozhenie.

AFRICA—MOTION PICTURES
Motion pictures in a revived Africa. Isk. kino no. 2; 171 F '62

AFRICA—NAMES, GEOGRAPHICAL
Places' names accuse. V. Maksakovskii. Vokrug sveta no. 3-26-27 Mr '61.

AFRICA—POLITICS
[Africa today; concise reference book on politics and economic conditions] Afrika segodnia, kratkii politiko-ekonomicheskii spravochnik. Moskva, Gos izd-vo lit-ry, 1962. 326 p.
Akademiia nauk SSSR. Institut narodov Azii. [Colonialism is the bitterest enemy of oriental peoples] Kolonializm zleishii vrag narodov Vostoka Moskva Izd-vo

AFRICAN ART see Art, African

AFRICAN STUDIES—BIBLIOGRAPHY see Bibliography—African studies

AFRICAN STUDIES—CONGRESSES
In anticipation of the First International Congress of Africanists. I I Potekhin Vest AN SSSR 32 no 2 88-89 F '62

AGAR
Determining the biological activity of levomycetin (chloramphenicol) by the agar diffusion method [with summary in English]. A. S Tebiakina, E N Druzhinina. Antibiotiki 7 no 1:83-85 Ja '62
Titration of gramicidin by the agar diffusion method with the use of holes [with summary in English] G V Kochetkova. Antibiotiki 7 no 1 80-82 Ja '62

AGE
Electrophysiological analysis of the reactivity of nerve cells of different levels of the nervous system in ontogenesis V. S. Sheveleva Dokl AN SSSR 142 no 2 493-495 Ja '62.

AGED
Effect of novocaine on blood coagulation in aged persons. R. E. Ermishina Med zhur Uzb no 3 19-20 Mr '60

AGGLUTININS
Effect of penicillin on the production of agglutinins by a spleen tissue culture [with summary in English]. N.V Chumachenko, E. M. Sokolova Antibiotiki 7 no 2 162-168 F '62
Influence of pentoxyl on the elaboration of antibodies (agglutinins) in experimental immunization with Rickettsia prowazeki. B. IU. Kelinin. Zhur mikrobiol , epid i immun. 32 no. 9 138-139 S '61
Relationship between individual characteristics of immunogenesis and typological characteristics of the nervous system in rabbits Report No 2. Dynamics of the formation of agglutinins in relation to the functional force of neural processes [with summary in English] V.N.Krylov, O V Malinovskii Zhur mikrobiol , epid i immun. 32 no 9 92-96 S '61

AGGLUTINOGENS
Agglutinogens of the ABO isoserological system in human fossil remains. G. A. Preisman Vop antr no 5:58-66 '60.

AGGREGATES
Best net and best section of a set in normalized space A L Garkavi Izv. AN SSSR Ser mat 26 no 1 87-106 Ja-F '62.
Bifurcation of simple double points and cusps of real plane algebraic curves D. A. Gudkov. Dokl AN SSSR 142 no 5:990-993 F '62.
Continuity and differentiability relative to congruent sets. G. H. Sindalovskii. Izv. AN SSSR Ser mat 26 no 1 125-142 Ja-F '62.
M-sets and Hausdorff's measure. O. S. Ivashev-Musatov. Dokl AN SSSR 142 no 5:1001-1004 F '62.
Method for constructing a nonstandard model of Bernice Godel's axiomatic theory of sets P. Popenka Dokl AN SSSR 143 no 1 11-12 Mr '62.
Sets enumerable and solvable by automats. V. A. Kozmidiadi. Dokl. AN SSSR 142 no. 5 1005-1006 F '62.
Variability of simple double points on real plane algebraic curves. D. A. Gudkov. Dokl AN SSSR 142 no. 6 1233-1235 F '62

AGGREGATES (BUILDING MATERIALS)
(see also subdivision under Komi A. S. S. R.; Ukraine)
Dressing limestone found near Moscow so as to obtain high-quality aggregates for concrete. M. L Nisnevich and others. Sbor. trud. NIIZHelezobetona no. 3:3-41 '60.
Effect of the system of annealing keramzit on some of its properties. R. L. Shuster, R A. Rakhimova Trudy Kazakh fil ASIA no. 2 155-160 '60
Industrial tests of vitrophyre from the Arkharly deposit to obtain cellular glass. E M. Shnil'kov Trudy Kazakh. fil. ASIA no 2 174-187 '60.
A raw material base of mineral aggregates for lightweight concretes. B. P. Ural'skii. Sbor trud. NIIZHelezobetona no. 3:189-193 '60

AGGREGATES (BUILDING MATERIALS)—TESTING
Effect of the roasting and cooling cycle on the phase composition, structure, and strength of agloporite. B. N. Vinogradov, V. S. Fadeeva, M. P. Elinzon. Sbor. trud VNIINSM no. 4:45-55 '61

AGGRESSION (INTERNATIONAL LAW)
"Aggression as the most serious international crime; the definition of aggression" by K. A. Baginian. Reviewed by A. S. Bakhov. Sov. gos. i pravo no. 2:130-132 F '57

AGING
Dynamics of the electrical reactions of the cortex in the process of individual development. R. S. Mnukhina. Fiziol. zhur. 48 no. 2:170-176 F '62.

AGNOSIA
Pathogenesis of pseudopolymelia [with summary in French]. S V Babenkova Zhur nevr i psikh. 61 no. 6 843-847 '61.

AGREEMENTS see Contracts

AGRICULTURAL ADMINISTRATION see subdivision under Hungary, Krasnograd District, Livny

AGRICULTURAL BOTANY see Botany, Economic

AGRICULTURAL CHEMISTRY
Lipinskii, P. I. [Chemistry in the service of stockbreeding] Khimiia na sluzhbu zhivotnovodstvu. [Irkutsk] Irkutskoe knizhnoe izd-vo, 1959. 28 p. (DA)

AGRICULTURAL CONTRACTS see Contracts, Agricultural

AGRICULTURAL CREDIT
Long-term credit for intercollective farm building organizations L. M Kramarovskii. Uchet i fin v kolkhoz i sovkhoz. 19 no. 2:39-41 F '62.
Use advance payments received on contractual agreements as designated A B. Borodin Uchet i fin v kolkhoz i sovkhoz. 19 no 1:33-36 Ja '62

AGRICULTURAL ENGINEERING—STUDY AND TEACHING
Valakas, Kh. IA. [Equipment of a study room for preparing tractor operators and farm electricians] Oborudovanie uchebnykh kabinetov dlia podgotovki traktorists i sel'skikh elektrikov, Moskva, Vses. uchebno-pedagog izd-vo Profitekhizdat, 1961 43 p (Obmen opytom raboty)

AGRICULTURAL EXPERIMENT STATIONS see subdivision under Cherkassy; Gatchina District

AGRICULTURAL GEOGRAPHY
Compiling maps of the agricultural use of soil as one of the contacts between teaching geography and life. K. I. Ivanov, P. N. Lebedev Geog. v shkole 25 no 2: 38-43 Mr-Ap '62

AGRICULTURAL IMPLEMENTS
Stump puller-picker mounted on a DT-54A tractor A Didenko. Tekh v sel'khoz, 22 no. 1, 33-34 Ja '62.

AGRICULTURAL INSURANCE see Insurance, Agricultural

AGRICULTURAL LAWS AND LEGISLATION
Brief interpretation. Sov. depot. trud, no. 2:102 F '62.
Decree of the Presidium of the Supreme Soviet of the U. S. S. R. on criminal responsibility for negligence in using or maintaining agricultural machinery Uchet i fin. v kolkhoz. i sovkhoz 19 no 2:43 F '62
Development of the Soviet agrarian law. N. V. Bochkov. Trudy MIIZ no. 8, 45-54 '59

AGRICULTURAL LIBRARIES
(see also subdivision under Moscow; Uzbekistan)
All efforts should be directed toward the fulfillment of the resolutions of the Central Committee of the CPSU on library work in our country Biul TSentr nauch. sel'khoz, bibliot. no. 5:3-1 '60
All our resources should be used in promoting the practices of the leaders. G Neliubova Bibliotekar' no 3 19-20 Mr '62.
Discussions on a report K. A. Chubar'ian. Biul. TSentr. nauch. sel'khoz, bibliot. no 5:12-40 '60.
General Assembly of the International Association of Agricultural Librarians and Documentalists. E A. Belinskaia. Biul TSentr. nauch. sel'khoz, bibliot no. 5:82-84 '60
Heart-to-heart conversation. P. Eliseev. Bibliotekar' no 3 17-18 Mr '62
Leading the same life as the people in one's village. L Pervoushina. Bibliotekar' no 3 15-17 Mr '62.
Resolution of the Meeting of Agricultural Library Workers, November 24, 1959. Biul TSentr. nauch sel'khoz bibliot. no 5:41-44 '60.
Resolutions of the Central Committee of the CPSU "on the conditions of and measures for the improvement of library work in our country" and the tasks of agricultural research libraries. Z. F. Tundinol. Biul TSentr. nauch. sel'khoz, bibliot. no. 5:5-11 '60.
Seminar for catalogers of agricultural research libraries. M. S. Baranova Biul. TSentr nauch. sel'khoz bibliot no 6 12-13 '60.
System of catalogs for agricultural research libraries and problems of the organization of catalogs and card catalogs G. V. Klugach. Biul TSentr nauch sel'khoz. bibliot no. 6:27-48 '60.
Tasks of research libraries in the light of the resolution of the Central Committee of the CPSU "Conditions and measures concerning the improvement of library work in our country," A M. Bochever. Biul. TSentr. nauch sel'khoz. bibliot no. 6:11-26 '60.
Urgent tasks of coordination. V. M. Litvin. Biul. TSentr. nauch. sel'khoz. bibliot. no 6:70-73 '60
With great enthusiasm. I. Kernes. Bibliotekar' no. 3: 13-15 Mr '62

AGRICULTURAL MACHINERY
(see also subdivision under Hungary; Kaluga Province; Smolensk Province; Uzbekistan)
Accelerate the manufacture of new agricultural machinery. V. I. Lozovoi. Trakt. i selkhozmash 32 no. 3:4-6 Mr '62.
Comrades, let's start working! Tekh. v sel'khoz. 22 no 1:1-3 Ja '62.
Concerning the efficiency of agricultural implements and machinery. M. E Matsepuro, V. V. Katsygin Vop. zemledel', mekh. 5:5-85 '60
Correspondence with readers. Sel'. mekh. no. 12:42 '61.
Dobrovol'skyi, O. O. [Present-day problems of agricultural technology] Suchasni problemy sil's'kohospodars'koi tekhniky Kyiv, 1961 52 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR, Ser. 5, no 22)
Economic effectiveness of the comprehensive mechanization of corn cultivation V. Mel'nichenko Ekon Sov Ukr. no 3 19-28 My-Je '61.
Effect of the position of longitudinal traction forces of a mounted device on the tractional resistance of the KRN-4, 2 cultivator. G. V. Zamiatin, M P Sergeev. Trakt. i sel'khozmash. 32 no. 2:29-30 F '62
Equipment for deep soil hoeing A L'vov Tekh. v sel'khoz 22 no 1 14-16 Ja '62.
Equipment on collective farms should be handled with care. K. Riabov. Tekh. v sel'khoz 22 no 2:4-9 F '62.
The first results. V. Alfer'ev Tekh. v sel'khoz 22 no. 2, 9-12 F '62.
For more efficient use of machinery. A. Kopylov. Sel'. mekh. no. 12:12 '61.
From editor's mail. Sel'. mekh. no. 12:22 '61.
From the editors mail. Sel'. mekh no. 2:46 '62
Fundamentals of the theory of the stability of motion of drill coulters. V. M. Sokolov Trakt. i selkhozmash. 32 no 3:31-34 Mr '62.
The GRS-50 and P-50 lake-rotary loaders. A. V. Petrov. Biul tekh -econ. inform. no 1:65-67 '62.
Improvement of a grab bucket. IU. Kutakov. Sel' mekh. no. 2 33 '62
Improvement of a manure removing conveyor. L. Polonskii, L. Bronfman Tekh. v sel'khoz. 22 no. 1 24-26 Ja '62
In close touch with agricultural technology P. Kozlova, V Kot Sel'. mekh. no 2:6-7 '62.
In the Scientific and Technical Council of the All-Union Farm Machinery Association M. I. Nozhkin, N. I. Pavlova, I. N. Vlasov. Mekh i elek. sots sel'khoz 20 no 1 62-63 '62.
Introduction of technological innovations V. Svetlichnyi. Sel' mekh. no. 2 2-4 '62.
Kobezskyi, V. L., and S. M. Nyshchuk. [Practical training in driving tractors, automobiles, and self-propelled agricultural machines] Prakticheskaia ezda na traktorakh, avtomobiliakh i samokhodnykh sel'skokhozialstvennykh mashinakh. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 230 p
Letters to the editor I. Boronetskii and others. Sel'. mekh no. 2 44-45 '62.
The machinery of sugar beet fields. K. Shramko. Tekh v sel'khoz. 22 no. 1:11-14 Ja '62.
Multidimensional pneumatic device for controlling the cylinder liners of SMD engines. Z. L. Tubenshliak, L. M. Sokolova Trakt. i selkhozmash. 32 no. 3:41-42 Mr '62.
New equipment for the reclamation of brush covered land IA. Petlakh Tekh. v sel'khoz. 22 no 2, 31-34 F '62
Odds and ends. Sel'. mekh. no. 12:18-19 '61.
Over-all mechanization in field work and animal husbandry. N. Zlobin. Komm. Bel 35 no 6:60-65 Je '61.
Performance of cultivators and disc plough harrows at high speeds M. E. Domidko Trakt. i selkhozmash. 32 no. 3:29-31 Mr '62.
"Potato grading machinery" by A. I. Kalamin. Reviewed by N. F. Moiseev. Trakt i sel'khozmash 32 no 2:46 F '62.
Problem concerning the development of equipment for the mechanization of agricultural work. M. E Matsepuro. Vop. zemledel', mekh 5:86-86 '60.
Problem concerning the study of the feeler mechanisms of agricultural machinery. V. V. Katsygin. Vop zemledel', mekh. 7:80-87 '61.
Problems concerning the manufacture of tractors and agricultural machinery for the mechanization of farming operations in mountainous areas. I. M. Klokhlov. Trakt i sel'khozmash. 32 no. 2, 25-27 F '62.
Problems concerning the operation of a centrifugal disc. E. V. Kozlovskii. Mekh i elek sots sel'khoz. 20 no. 1: 41-42 '62
Responsibility for criminal negligence in use of agricultural machinery. Sel' mekh. no. 2, 9 '62
Review of machinery systems. Mekh. i elek. sots. sel'khoz. 20 no. 1:1-3 '62.
Rotor brushes for destroying weed plants. D. M. Mikhailov, O. P. Egorov, B. S. Braude. Trakt. i sel'khozmash. 32 no. 2:34-35 F '62
The SKS-1 scarifier. I. Grinchuk, M. Nazimov. Tekh. v sel'khoz. 22 no. 2:48-49 F '62
Selection of basic parameters for working parts in leveling field surfaces after plowing. A. I. Kim. Sbor. nauch. -issl. rab. UzNIIME no. 1:45-65 '59.
Some results of the investigation of centrifugal fans in agricultural machinery. I. K. Chaban. Trudy BSKHA 34:148-165 '61.

AGRICULTURAL MACHINERY (Continued)

Study of the performance of devices for cleaning the grids of grain cleaning machinery M. E. Karlov Trakt i sel'khozmash 32 no 2:22-25 F '62

Take good care of machinery Tekh v sel'khoz 22 no. 2:1-3 F '62.

Tractor mounted scraper A. Logvin Tekh v sel'khoz. 22 no 1 90-91 Ja '62.

The UKP-06 rock picker and hauler. E. A. Klimova Trakt. i sel'khozmash. 32 no 2:32-33 F '62

Using machinery in the preparation and application of composts. M. M. Kaplunov, N. M. Tamarin, M. M. Shipilov Zemledelie 24 no 1 54-59 Ja '62

AGRICULTURAL MACHINERY—BIBLIOGRAPHY see Bibliography—Agricultural machinery

AGRICULTURAL MACHINERY—CONGRESSES

Meeting on the mechanization of work in orchards and vineyards. B. I. Oldel'nov. Trakt. i selkhozmash 32 no 3,47-48 Mr '62

AGRICULTURAL MACHINERY—ELECTRIC EQUIPMENT

Review of I. N. Gurov and M. I. Kononov's textbook "Electrical equipment of agricultural machinery." A. A. Plastolov, A. T. Shapovalov Trakt. i selkhozmash 32 no 3,46-47 Mr '62.

AGRICULTURAL MACHINERY—MAINTENANCE AND REPAIR
(see also subdivision under Kaliningrad Province; Kiev Province; Tambov Province; Uzbekistan)

Built up welding of components in a carbon dioxide medium V. Shebanov Tekh v sel'khoz 22 no. 1 69 Ja '62.

Conference of an international study group on problems concerning the repair of agricultural machinery V. M. Mikhlin. Mekh. i elek. sots. sel'khoz 20 no 1,64 '62

Improvement of working conditions N. Gusarov. Tekh. v sel'khoz. 22 no. 2:69-69 F '62.

In the Presidium of the Supreme Soviet of the U. S. S. R. Sov. just. no. 3,28 F '62

Maintenance and repair station. N. Riazanov, I. Kilytsun. Sel'. mekh. no. 12:13-14 '61.

Maintenance and repair station. P. Dubovol and others. Tekh. v sel'khoz. 22 no. 2:52-53 F '62.

Repair of the carriage. S. Guseinov. Tekh. v sel'khoz. 22 no. 2:60 F '62.

Repairing sides of a picker. N. Myrinov. Sel'. mekh. no. 12:20 '61.

Restoration of threads in holes. N. Ronliakov Tekh v sel'khoz. 22 no. 2:73-75 F '62.

AGRICULTURAL MACHINERY—TECHNOLOGICAL INNOVATIONS see subdivision under Krasnodar Territory

AGRICULTURAL MACHINERY—TESTING

Measurement equipment for research work. V. V. Katsygin and others. Vop. zemledel'. mekh. 5:219-318 '60.

Modernized VISKhOM hydraulic traction dynamograph. A. A. Vyatskii. Trakt. i sel'khozmash. 32 no 2:30-31 I '62.

Testing of the reliability and durability of agricultural machinery. A. S. Gol'perin. Mekh. i elek. sots. sel'khoz. 20 no. 1:17-20 '62.

AGRICULTURAL MACHINERY—WELDING

Welding equipment of collective farms and state farms. V. Taran. Tekh. v sel'khoz. 22 no. 1:76-77 Ja '62.

AGRICULTURAL MACHINERY INDUSTRY
(see also subdivision under Syzran; Ukraine)

Cutting and graphitization of the edges of sealing glands A. I. Velin. Trakt. i sel'khozmash. 32 no 2:42-43 F '62.

Where is this factory's honour? A. Dashin. Tekh. v sel'khoz. 22 no. 1 92 Ja '62.

AGRICULTURAL MACHINERY INDUSTRY—EQUIPMENT AND SUPPLIES

Mechanization of loading operations in the "Krasnyi Aksai" factory. M. N. Sukhorukov. Trakt. i sel'khozmash. 32 no. 2:41 F '62.

AGRICULTURAL METEOROLOGY see Meteorology, Agricultural

AGRICULTURAL POLICY
(see also subdivision under Estonia)

From letters and suggestions for improving agricultural planning. Plan. khoz. 39 no. 3:66-74 Mr '62.

Problems of agriculture in the new program of the U. S. S. R. S. S. Kabysh. Mat. i soob. Issl. otd. Inst. po izuch. SSSR no. 20:39-61 '61.

Rapid development of agriculture is a matter for all the people. Kommunist 38 no. 4:3-12 Mr '62.

V. I. Lenin as the author of the agrarian program of the Bolsheviks. IA. M. Shternshtein. Pratsi Od. un. 150. Ser. susp. nauk no. 3:211-223 '60.

AGRICULTURAL RESEARCH
(see also subdivision under Kirghizistan)

Concerning the development of research work. M. E. Matsepuro. Vop. zemledel'. mekh. 7:283-290 '61.

Gorki, (Mogilevskaya oblast') Belaruskaia akademiia sel'skne haspadarki. [Reports of the Scientific Conference on Work Results for 1960 held on April 4-7, 1961] Tezisy dokladov nauchnoi konferentsii po itogam raboty za 1960 god 4-7 aprelia 1961 g. Gorki, Izd-vo Belorusskoi sel'khoz. akad. BSSR,
No. 1. [Agricultural Section] Agronomicheskaia sektsiia. 1961. 37 p.

Help of science in obtaining an abundant production on subtropical farms. K. E. Bakhtadze Agrobiologiia no 6 923-925 N-D '61

Let's improve the organization of scientific research M. E. Matsepuro Vop. zemledel'. mekh. 6:306-325 '61.

AGRICULTURAL WAGES
(see also subdivision under Daghestan; Mogilev Province; Tselinograd Province, Virgin Territory)

Additional pay for work without a trailer driver and for combining various operations. Sel'. mekh. no 12:17-18 '61.

Experience in working out incentive wage systems. M. I. Tikhomirov, IA. I. Sazanskii Dokl. i soob VNIESKH no. 11:39-49 '61

Using a piecework bonus wage system on state farms. I. Dmitrashko, B. Lukin Biul. nauch. inform. trud i zar plata 5 no. 2:45-50 '62.

Wage system for workers in flaxseed cleaning enterprises Biul. Gos kom. po vop truda i zar. platy no. 9:3-4 '61

What have we gained by the introduction of the piecework bonus wage system N. N Buchnev, P. N. Rukosuev Vest Mosk. un. Ser. 8 Ekon., filos 17 no 2 69-74 Mr-Ap '62

AGRICULTURAL WORKERS
(see also subdivision under Leningrad Province; Mary Province, Virgin Territory)

Bolliakov, V., comp. [Standard-bearers] Znamenostsy. Moskva, 1961. 419 p.

Once more about the certificates. Skitovich, Konovalov, Fantikov. Sel'. mekh. no 2 24 '62.

Seasonal consumption of foodstuffs by the families of collective farmers. A. Sidliarenko, V. Shvyrkov Sov potreb koop. 6 no 2:45-47 F '62

Wages for operators working on T-75 tractors. N. Makurin Sel'. mekh no. 2 25-27 '62.

Wages for unnecessary and faulty repair work. I. I. Antropov and others. Sel'. mekh. no. 2 24-25 '62

Wages of the machinery operators on collective farms. M. Batura, V. Batura, K. Rubleva Sel'. mekh no. 2 22-24 '62.

A working man. S. Kachalov. Sel'. mekh. no. 2:9 '62.

AGRICULTURAL WORKERS—DISEASES AND HYGIENE

Mass medical examination of workers on state stock-breeding farms. L. A. Pishchagina and others. Zdrav Kazakh. 21 no. 5:3-5 '61

Solov'eva, L. V. [Prevention of suppurative skin diseases in agriculture and industry] Profilaktika gnoinichkovykh zabolevanila kozhi v sel'skom khoziaistve i na proizvodstve. Moskva, Medgiz, 1961. 53 p. (Nauchno-populiarnaia meditsinskaia literatura) (DNLM)

Treatment and prevention of minor injuries in cotton pickers. A. S. Sosnovskaia Med. zhur. Uzb no 12:36 D '61.

AGRICULTURAL WORKERS—MEDICAL CARE

Medical care of State collective farm workers during summer field work. N. IA. Gil'debrandt. Fel'd. i akush. 26 no. 11:45-46 N '61.

AGRICULTURE
(see also subdivision under Altai Territory, Armenia; Aznakyevo District; Bashkiria; Bulgaria; Central Black Earth region; Chuvashia; Dnepropetrovsk Province; Dzhozkazgan; Italy; Kazakhstan; Khomutets; Kopatkevichi District; Korea, North; Leningrad Province, Lipetsk Province; Mogilev Province; Mongolia; North Kazakhstan Province; Novo-Aleksandrovskaya District; Russia, Northwestern; Siberia; Soviet Far East; Tajikistan; Tashkent region, Tula Province; Turkestan; Ukraine; United States; Ural Mountain region; Uzbekistan; Vinnitsa Province; Volga-Akhtuba Flood Plain; Volyn' Province; White Russia)

Achievements of our mixed brigade. A. Bekker. Sel'. mekh. no. 12:4-5 '61.

Buianov, I. A. [On renovated land] Na obnovlennoi zemle. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 78 p. (DA)

Communism and work are inseparable. Muk. -elev. prom. 27 no. 12:1-2 D '61.

Correct use of land as basic agricultural problem Zemledelie 24 no. 1.3-11 Ja '62.

Discussing agricultural problems at the correspondence conferences of readers. V. S. Kreidenko. Bibliot SSSR no. 10:85-95 '61.

Everything in the name of man and for the good of man. V. Kavun. Sel'. mekh. no. 12:1-3 '61.

History of the struggle of the Communist Party and the Soviet government for the reconstruction and development of agriculture during the first years of the new economic policy. A. Khon. Trudy TashGU no. 170: 76-88 '60.

Important task. Nov. vrem. 20 no. 11:1-2 Mr '62.

Improve leadership in agriculture. D Skorod'ko Part. zhizn' no 5:22-26 Mr '62.

Items from foreign agricultural journals. Zemledelie 24 no 1 92 Ja '62

Kapskii, V. A., and D. I. Korkotsenko [Struggle of the CPSU for the new upsurge in agriculture in 1953-1961] Bor'ba KPSS za novyi pod"em sel'skogo khoziaistva v 1953-1961 gg. Moskva, Gos. izd-vo "Vysshaia shkola," 1962 174 p.

Kommunisticheskaia partiia Sovetskogo Soiuza. TSentral'nyi Komitet. Plenum, March 1962. [Present-day stage of the building of communism and tasks of the party in the improvement of agriculture] Sovremennyi etap kommunisticheskogo stroitel'stva i zadachi partii po uluchsheniiu rukovodstva sel'skim khoziaistvom; postanovlenie Moskva, Gos. izd-vo polit. lit-ry, 1962 19 p.

Kommunisticheskaia partiia Sovetskogo Soiuza. TSentral'nyi Komitet. [Rapid development of agriculture should be a concern of the entire party and all Soviet people] Delo vsei partii, vsego naroda - dobit'sia moshchnogo pod"ema sel'skogo khoziaistva! Obrashchenie TSentral'nogo Komiteta KPSS, . . . Moskva, Gos. izd-vo polit. lit-ry, 1962. 14 p.

Khrushchev, N. S. [Increasing agricultural production is an important task in the building of communism, a speech at the Conference of Agricultural Workers of the Ukraine, held in Kiev, December 22, 1961] Uvelichenie proizvodstva sel'skokhoziaistvennykh produktov - vazhneishaia zadacha kommunisticheskogo stroitel'stva; rech na soveshchanii rabotnikov sel'skogo khoziaistva Ukrainskoi SSR 22 dekabria 1961 goda v gorode Kieve. Moskva, Gos. izd-vo polit. lit-ry, 1961. 47 p.

Khrushchev, N. S. [Present-stage of the development of communism and the responsibility of the party in improving the supervision of agriculture] Sovremennyi etap kommunisticheskogo stroitel'stva i zadachi partii po uluchsheniiu rukovodstva sel'skim khoziaistvom; doklad i zakliuchitel'noe slovo na Plenume TsK KPSS 5 i 9 marta 1962 goda. Moskva, Gos. izd-vo polit. lit-ry, 1962. 150 p.

Let us make our lands still more beautiful and rich. K. Zhapar ov. Sel'. mekh. no 12 7-8 '61.

Let's make a worthy contribution to the powerful upsurge of agriculture. Vest vys shkoly 20 no 3:3-6 Mr '62.

Obligation of all the people Avt. transp 40 no 3 1-2 Mr '62

Party news Part zhizn' no 6:79-80 Mr '62.

Task of the whole people Sovremennik Nov vrem 20 no 12,3-4 Mr '62

These machinery operators are heroes of socialist labor Sel'. mekh no 2 1 '62

Two lines. G. Radov. Starsh. -serzh. no. 9:4-5 S '61.

What is the consistent intensification of agriculture? N Anisimov Polit samoobr. 6 no. 2 66-74 F '62

Work of the whole party and the whole people Part zhizn' no 6 3-6 Mr '62

AGRICULTURE—ACCOUNTING
(see also subdivision under Odessa Province)

Analyze results and uncover hidden potentialities Uchet i fin v kolkhoz i sovkhoz. 19 no. 2:3-4 F '62

Instruction for writing off machinery from the balances of collective and state farms as well as other agricultural enterprises and organizations. Uchet i fin. kolkhoz i sovkhoz. 19 no. 2:46-48 F '62.

Study and introduce the practice of the leaders of agricultural accounting widely. Uchet i fin v kolkhoz. i sovkhoz 19 no. 1:2-4 Ja '62.

AGRICULTURE—AUDITING AND INSPECTION see subdivision under Rostov Province

AGRICULTURE—BIBLIOGRAPHY see Bibliography—Agriculture

AGRICULTURE—CONGRESSES

The riches of the earth in the service of the motherland. P. Kondiukova. Part. zhizn' no 4 74-76 F '62.

AGRICULTURE—ECONOMIC ASPECTS

In the Central Scientific Research Institute of Economics of the State Planning Committee of the Council of Ministers of the U. S. S. R. N. Voikov, A. Baev Ekon. sel'khoz. 32 no. 12:104-105 D '61.

Problems of the capitalist development of agriculture in V. I. Lenin's studies published in the 1890's. A. K. Pokrytan. Pratsi Od. un. 150. Ser. susp. nauk no 3: 224-233 '60.

Revaluation of perennial plantations. P. Zhgenti, T. Chelidze. Ekon. sel'khoz. 32 no 12:73-77 D '61.

AGRICULTURE—ECONOMIC ASPECTS—BIBLIOGRAPHY see Bibliography—Agriculture—Economic aspects

AGRICULTURE—EXPERIMENTATION
(see also subdivision under Lozovaya District)

The agronomist should know experimental work. N. N. Krashennikov. Vest. vys shkoly 20 no 3:47-48 Mr '62.

Experiment with many variables and other methods of agricultural experimentation. G. I. Gordienko. Shkola i proizv. 8 no. 2:57-64 F '62.

Seed in armor. V. Polynin. Ogonek 40 no. 8:3, 28-29 F '62.

AGRICULTURE—HISTORY

Defense of a doctoral dissertation R O. IUra Ukr ist. zhur. 6 no. 2:149-150 Mr-Ap '62

Some results of a conference on the history of Soviet rural areas [with summary in English, pp 216-217] V. P Danilov Vop ist no. 4 20-44 F '62

AGRICULTURE—HYGIENIC ASPECTS

Occupational dermatomycoses in agriculture. L. Khmel', L. Bukhvalʹd. Vest dermat i ven no 2 6-14 '62

AGRICULTURE—LABOR PRODUCTIVITY
(see also subdivision under Kazakhstan, Ukraine)

Increasing labor productivity on sugar beet collective farms, practices of the collective farms in Vinnitsa District M Naida. Ekon Sov Ukr no 3 85-91 My-Je '61.

AGRICULTURE—MAPS

Agricultural atlas of the administrative region IA. I. IUrovskii. Trudy MIIZ no. 8:189-194 '59

Current land recording maps N A Chernyshev Zemledelie 24 no 1:74-76 Ja '62

Sukhov, V. I., and others. [Making agricultural maps] Sostavlenie selʹskokhozyaistvennykh kart. Izd. 2., perer. Moskva, Izd-vo selʹkhoz. lit-ry, zhurnalov i plakatov, 1961. 310 p. (Uchebniki i uchebnye posobiia dlia vysshikh selʹskokhoziaistvennykh uchebnykh zavedenii)

AGRICULTURE—SAFETY MEASURES

Brainin, M.S. [How to investigate the violation of safety measures in agriculture] Rassledovanie prestupnykh narusheniĭ pravil tekhniki bezopasnosti v selʹskom khoziaistve. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 134 p.

[Handbook on safety measures in agriculture] Spravochnik po okhrane truda v selʹskom khozyaistve. Moskva, Izd-vo selʹkhoz. lit-ry, zhurnalov i plakatov, 1961. 559 p.

AGRICULTURE—STUDY AND TEACHING
(see also subdivision under Bershad' District; Bukovina, Izhava District; Mishurin Rog; Novaya Praga District; Novo-Ukrainka District, Ukraine, Uzbekistan)

Content and organization of experimental work in agriculture in urban schools N A Myshliaeva. Biol v shkole no 2:49-54 Mr-Ap '62

First experience in establishing agricultural work norms for students A. D. Sazonov Shkola i proizv 6 no 2: 36-39 F '62

Let's give more independence to students in experimental work D. M. Grishin. Biol v shkole no 2:54-58 Mr-Ap '62.

Let's reorganize the teaching of plant breeding on the basis of party instructions, concerning agriculture A. N. Pal'tseva Biol. v shkole no. 2:3-7 Mr-Ap '62

Let's teach children to grow high-yield crops. Nach. shkola 30 no 3:7-12 Mr '62.

M. V. Rytov's pedagogical views. S. M. Zalikina. Uch. zap Kar. ped inst 7 3-15 '58.

Measures taken by schools in the light of the party instructions concerning liquidation of the results of grassland crop rotation. Shkola i proizv 6 no 2:5-6 F '62

Methods for field experiments on a school experimental lot. P. A. Chernomaz Biol. v shkole no. 2:41-49 Mr-Ap '62.

Can students acquire professional skill. V. Davydoushkin, R. Hatsko Nar obr. no. 1:35-38 Ja '62

Promoting the decisions of the congress in rural areas. S. Sergienko Part zhizn' no 5 27-30 Mr '62

Raising the quality of training of the teachers of biology and fundamentals of agriculture N. N. Vokov, D. M. Maimusov. Shkola i proizv 6 no. 2:91-95 F '62

We make efficient use of our soil. Kul't -proz. rab. 23 no 2 33-35 F '62

Work of vocational boarding schools and school villages students in agriculture; 1918-1925. A. E. Voronov. Sov. pedag. 26 no 1,104-113 Ja '62

AGRICULTURE—TAXATION see subdivision under Latvia

AGRICULTURE, COOPERATIVE
(see also subdivision under Bulgaria; Kazakhstan; Samarkand Province)

V. I. Lenin on socialist collectivization. O. N. Lobunets'. Pratsi Od. un. 150. Ser. susp. nauk no. 3:56-66 '60

V. I. Lenin's "cooperative plan" as a constituent part of the program for the building of socialism in the U. S. S. R. M. IA. Finogin, I. M. Frolov. Pratsi Od. un. 150. Ser susp. nauk no. 3:67-75 '60.

AGRICULTURE IN LITERATURE

Militant genre. P. Glinkin. Neva no. 10:189-194 '61

AIDS TO NAVIGATION

Errors in the recognition of coastal markers M. Leskov. Mor flot 22 no 3 18-20 Mr '62

AIR—ANALYSIS

Determination of ethylene chlorohydrin in the analysis of air. E. Sh. Gronsberg. Khim. prom. no. 2:144-145 F '62.

Methods for passing air to be examined through an indicator tube. A. A. Troitskii Gig truda i prof zab no 2 58-59 '62

AIR—MICROBIOLOGY

Study of the microbial flora in the air and on objects in operating and dressing rooms E G Kashkina, E. G TSurinova Vest khir no 2 87-90 '62

AIR—POLLUTION

Maximum admissible phenol concentration in atmospheric air B. Mukhitov Zdrav kazakh. 21 no 6:65-68 '61

Pollution with toxic substances in the atmosphere of chemical factories [with summary in English] A. S. Arkhipov, A. N. Boitsov, E. N. Marchenko. Gig truda i prof zab 6 no 1:1-6 Ja '62

Portable apparatus for determining the concentration of some poisonous gases in the air IU. I. Abramov, I. Z. Zhabin. Voen -med zhur no 8:86-87 Ag '61

AIR, COMPRESSED see Compressed air

AIR, IONIZED

Effect of air conditioning on the light ion content of the air of a room. R. F. Afanasʹeva. Vod i san tekh no 2 17-20 F '62

Ionization in the air conditioning system of a blotion. IU A. Jenkov. Vrach. delo no 1,133-136 Ja '62

AIR COMPRESSORS

Concerning the cleaning of air compressor water jackets and coolers. IU. M. Kostikin. Prom energ. 17 no 3. 60 Mr '62.

Uniflow valves are a significant means for saving electric power K. B. Kleiman Gor. zhur no 10:72-73 O '61

AIR CONDITIONING

Effect of air conditioning on the light ion content of the air of a room R. F. Afanasʹeva Vod. i san. tekh no 2,17-20 F '62

Graphs for determining the performance of air coolers D I Zaslavskii. Elektrosila no. 19 29-31 '60

Karpis, E. E. [Thermal and aerodynamic calculations for surface air coolers supplied with cold water] Teplovoi i aerodinamicheskii raschet poverkhnostnykh vozdukhookhladitelei, pitaemykh kholodnoi vodoi. Moskva, Biuro proektno-konstruktorskoi tekhn. pomoshchi sektor tekhn. informatsii, 1961. 54 p.

Method for designing a series of air coolers I F. Filippov Elektrosila no 19 25-29 '60

AIR CONDITIONING—EQUIPMENT AND SUPPLIES

Designing overhead air distributors in air-conditioning systems. L. S. Kliachko, I. L. Ganes Vod i san. tekh no 2:11-16 F '62.

AIR DEFENSES

The units of Soviet air defense should increase their military preparedness and vigilance. S Burinov. Komm. Vooruzh. Sil 2 no 5:8-15 Mr '62

AIR-ENTRAINED CONCRETE

Comprehensive utilization of ash from heat and electric power plants in the production of agloporites and air-entrained concrete. I A. Ivanov. Trudy Zap.-Sib. fil. ASiA no. 3 3-20 '60

Properties of aluminum power as an expansion agent for cellular concrete. N. A. Kalnina. Trudy Zap.-Sib. fil. ASiA no. 3:21-31 '60.

Use of silicon organic compounds for decreasing moisture absorption by cellular concretes. N. A. Kalnina, K. I. Uskova. Trudy Zap.-Sib. fil. ASiA no. 3 139-146 '60

AIR FILTERS

New method of gravimetric determination of the dust content of the air of industrial sites. A. I. Frank. Gig. truda i prof zab. 6 no. 1:55-59 Ja '62.

New technological processes for manufacturing air filters. ters. Z. G. Fedotova. Prikhorostroenie no 2:23-24 F '62.

Selecting the efficient design of an air filter for the main generator of the TE3 diesel locomotive. V. D Kuzʹmich Trudy MIIT no. 141:9-15 '61.

Selection of the parameters of cyclones for tractor air filters. V. E. Maev Trakt. i selʹkhozmash. 32 no. 1 8-11 Ja '62

AIR-PASSAGES see Respiratory organs

AIR PILOTS

High-class pilot. V. Sokolov. Kryl. rod. 13 no. 1:6-7 Ja '62.

Important seconds. N. Denisov. Kryl. rod. 12 no. 10: 6-8 O '61.

P. N. Nesterov, a Russian flier. Voen. -ist. zhur. 4 no. 2.126-127 F '62

AIR WARFARE

I solved (answer to problem in No. 7, 1961). S. I. Markov. Vest. Vozd. Fl. no. 10:74 O '61.

I solved problem (published in No. 8). S. Markov. Vest. Vozd. Fl. no. 11:65 N '61

Maneuvering in the target area. V. Saffulin. Vest. Vozd. Fl. no. 11:66-69 N '61

Searching for an aerial target. P. P. Zakrevskii. Vest. Vozd. Fl. no 10:54-56 O '61.

Your solution? Determine the possibilities of the fighter plane. Vest Vozd Fl no 11 72 N '61

AIRBORNE TROOPS

Airborne troops I. Lisov. Voen znan 38 no. 3:6-7 Mr '62

AIRFOILS

Exact solutions for lifting systems with one or two compression shocks V V Kildyish Inzh zhur 1 no 3 22-30 '61

Mel'nikov, A. P. [Aerodynamics of high speeds; fundamentals of the gas dynamics of aircrafts] Aerodinamika bolʹshikh skorostei, osnovy gazodinamiki letatelʹnykh apparatov. Moskva, Voen. Izd-vo M-va oborony SSSR, 1961. 423 p.

Optimum shape of bodies at an unsteady motion. G. I. Kostychev Izv. vys. ucheb. zav. ,av tekh 4 no 1:34-38 '61.

AIRLINES—TIMETABLES

Earlier or later? I. Lipovka Grazhd. av. 18 no. 11 8 N '61.

AIRPLANES

"Airplanes of the commercial aviation." Reviewed by E. Sofronov. Grazhd. av. 18 no. 11:31 N '61.

AIRPLANES—BRAKES

Calculating kinetic energy of an airplane absorbed by wheel brakes during the running V. S. Shishov, IU. G Korotkii. Izv. vys. ucheb. zav. ,av. tekh. 4 no 4:149-155 '61

AIRPLANES—FIRES AND FIRE PREVENTION

When courage conquers. B. Dubrovin Vest. Vozd. Fl. no 11,24-25 N '61

AIRPLANES—FLIGHT TESTING

"Stars at noon" by V. Arkhangelskii. Reviewed by G. B Gofman Vest. Vozd Fl no 10 85-86 O '61

Thirty-two world records. V. N. Smolin. Vest. Vozd. Fl no. 10,38-40 O '61

AIRPLANES—HYDRAULIC EQUIPMENT

The hydrosystem works well IU Baidin Starsh. -serzh. no. 10 30-31 O '61

AIRPLANES—JET ENGINES

Sorokin, L. I., ed. [Problems in reducing the noise of jet engines, collection of translations] Problemy umenʹsheniia shuma reaktivnykh dvigatelei, sbornik perevodov. Moskva, Izd-vo inostr. lit-ry, 1961. 141 p.

AIRPLANES—MAINTENANCE AND REPAIR
(see also subdivision under Irkutsk; Leningrad)

In 5 minutes instead of 40. N. N. Pirogov. Vest. Vozd. Fl no. 10:84 O '61

AIRPLANES—MODELS
(see also subdivision under Czechoslovakia)

Great start of the "minor aviation." M. Lebedinskii. Kryl rod 12 no. 10:23-25 O '61

Students are building models. A. Vasilʹev. Kryl rod. 13 no. 1 24 Ja '62.

Thus the model was constructed. O. Kononenko. Kryl. rod. 13 no. 1:23 Ja '62.

AIRPLANES—PILOTING

Denisov, V. G., and R. N. Lopatin. [Pilot and airplane] Letchik i samolet. Moskva, Gos nauchno-tekhn. izd-vo Oborongiz, 1962. 200 p.

In the air there is a pair. What is it's combat order? P. Zabelin Vest. Vozd Fl no. 11:50-53 N '61.

Overcoming optical illusions. V. Popov, A. Pikovskii. Vest. Vozd Fl no 11:70-72 N '61

AIRPLANES—RAMJET ENGINES

Dorofeev, V. M., and V. IA. Levin. [Testing ram-jet engines] Ispytaniia vozdushno-reaktivnykh dvigatelei. Moskva, Gos. nauchno-tekhn. izd-vo Oborongiz, 1961. 220 p.

Generalized thermodynamic characteristics of two-circuit ramjet engines A L. Kliachkin. Izv vys ucheb. zav. ,av. tekh. 4 no. 4:94-103 '61.

Selecting optimum parameters for a supersonic ramjet engine with a heat exchanger. V. T. Voroguhin. Izv. vys. ucheb. zav. ,av. tekh. 4 no 4:75-81 '61.

AIRPLANES—SPEED

The fastest of all. Kryl. rod. 13 no. 1 9 Ja '62.

AIRPLANES—TAKE-OFF

Longitudinal stability of an airplane during the starting run. A. F. Bochkarev. Izv. vys. ucheb. zav. ,av. tekh. 4 no. 4:3-11 '61.

AIRPLANES—TURBINE-PROPELLER ENGINES

Selecting basic parameters for hydraulic drives of propellers of turboprop aircrafts. L. S. Arinushkin, V. I. Dumov. Izv. vys. ucheb. zav. ,av. tekh. 4 no. 4:45-57 '61.

AIRPLANES—WINGS

Investigating stress distribution in monolithic wings. M. B. Vakhitov. Izv. vys. ucheb. zav. ,av. tekh. 4 no. 4: 128-131 '61.

AIRPLANES, MILITARY
(see also subdivision under Great Britain)
Present-day airplanes. Voen. znan. 38 no. 2 27 F '62

AIRPLANES, MILITARY—MAINTENANCE AND REPAIR
The filler made an observation. A. Bogdanov. Vest. Vozd. Fl no 11:73-75 N '61
An improvished "assembly" on technology is held N. Vorozhba. Starsh. serzh. no 11 17 O[i.e N] '61
A maneuver in time is necessary. V. N. Filimonov, N. A. Zakharov. Vest. Vozd. Fl no 10 82 O '61
New advances become part of life. I. I. Selitrinov, M. F. Rebrov. Vest. Vozd. Fl no 10:90-97 O '61
There are reserves among us! V. Khomenko. Vest. Vozd. Fl no 11 54-58 N '61
True friends on earth. A. Pomenkov. Starsh. serzh. no 9 15 S '61.
Where does the secret of success lie? V. K. Bukhanov, D. A. Devidze, V. A. Matrosov. Vest. Vozd. Fl no 10: 60-62 O '61

AIRPLANES, MILITARY—PILOTING
After a prolonged interruption. A. F. Zhikharev. Vest. Vozd. Fl no 10:62-65 O '61

AIRPORTS see subdivision under Irkutsk; Kuybyshev, Samarkand

AIRPORTS—LIGHTING
Lights for a night takeoff flare up. D. Gatsenolina. Starsh. serzh. no 10 12 O '61.

AIRPORTS—TRAFFIC CONTROL see subdivision under Sverdlovsk

AKHANOV, IVAN IVANOVICH, 1900-1960
I. I. Akhanov; obituary. A. A. Ionsen, Sov. zdravookhran. 6 no 1:348 '62.

AKHTALA REGION—STROMEYERITE
Stromeyerite in ores of the Akhtala polymetallic deposit. A. I. Karapetian. Dokl. AN Arm SSR 41 no 5 217-221 '61

AKMOLINSK PROVINCE see Tselinograd Province

AKOVBIAN, ARMAIS ARISTOGESOVICH, 1900-
Armais Aristogesovich Akovbian. K. P. Kamzolova, K. M. Chernovenko. Med. zhur. Uzb. no 6:76-77 Je '60

AKTAS VALLEY—FAULTS (GEOLOGY)
Characteristics of the Aktas fault zone in central Kazakhstan. Izv. AN SSSR Ser. geol. 27 no. 3 17-29 Mr '62

AKTYUBINSK—CHEMICAL INDUSTRIES—FINANCE
Business accounting is a vital and creative business. A. Silin. Nar. khoz. Kazakh. 19 no. 12:36-38 D '61.

AKTYUBINSK—SOCIAL GROUP WORK
A department of culture staffed with nonsalaried personnel. P. Tikhorenko. Sov. deput. trud. no. 2:65-68 F '62.

AKTYUBINSK PROVINCE—INDUSTRIAL MANAGEMENT
Training of economic administrators. G. Abuov. Part zhizn' Kazakh. 32 no 2:17-22 F '62.

AKVILEV, ANATOLII
"Call me"; verse by Anatolii Akvilev. Reviewed by Dm. Gavrilov. Neva no 8:205-206 '61

ALA-TAU, DZUNGARIAN see Dzungarian Ala-Tau

ALA-TAU, KUZNETSK see Kuznetsk Ala-Tau

ALA-TAU, ZAILIYSKIY see Trans-Ili Ala-Tau

ALAKURTTI REGION—PEGMATITES
Kalita, A. P. [Rare earth pegmatites in the Alakurtti and Lake Ladoga regions] Redkozemel'nye pegmatity Alakurtti i Priladozh'ia. Moskva, Izd-vo Akad. nauk SSSR, 1961. 117 p.

ALANINE
Antineoplastic activity of β-p-di(2-chloroethyl) aminophenyl-β-alanine (β-sarcolysin) [with summary in English]. V. I. Trushchkina. Vop. onk. 7 no. 7:17-21 '61.
Changes in the blood supply system in sarcoma 45 during the process of sarcolysin therapy. N. V. Krylova, M. A. Presnov. Vop. onk. 8 no. 1:47-55 '62.
Histochemical study of the oxidizing enzymes of sarcoma 45 during sarcolysin treatment. M. A. Presnov. Vop. onk. 8 no. 2:15-21 '62.
p-Di-(2-chloroethyl)-aminophenylalanine (sarcolysine) and its derivatives. Part 9: Optically active cytotoxic peptides. E. M. Shkodinskaia and others. Zhur. ob. khim. 32 no. 1:324-325 Ja '62.
Synthesis of β-[m-[bis(dichloroethyl)amino]phenyl]-di-β-alanine. Iu. Degutis, A. Jodelytė. Zhur. ob. khim. 32 no. 2:567-570 F '62.
Treatment of myelomatosis with sarcolysin in combination with ACTH and steroid hormones [with summary in English]. A. N. Chigirinskii. Vop. onk. 7 no. 7:63-69 '61.

ALASKA—INDUSTRIES
Agranat, G. A., A. B. Kuprianov, and V. F. Puzanova. [Industry and transportation in the American North] Promyshlennost' i transport Amerikanskogo Severa. Moskva, Izd-vo Akad. nauk SSSR, 1962. 270 p.

ALASKA—TRANSPORTATION
Agranat, G. A., A. B. Kuprianov, and V. F. Puzanova. [Industry and transportation in the American North] Promyshlennost' i transport Amerikanskogo Severa. Moskva, Izd-vo Akad. nauk SSSR, 1962. 270 p.

ALAVERDI—PHARMACY
Alaverdi pharmacy. R. S. Parsadanian. Apt. delo 10 no 6,63 N-D '61

ALAY RANGE—FORAMINIFERA, FOSSIL
Loeblichiscus alaicus sp. nov., a late Carboniferous foraminifer. O. I. Bogush. Paleont. zhur. no. 3 122-124 '61

ALAZAN' VALLEY—PLANT SUCCESSION
Studying changes in the vegetation cover of saline soils in the Alazan' Valley. V. G. Arsenishvili. Soob. AN Gruz SSR 27 no 6,739-746 D '61

ALAZEYA PLATEAU—GEOLOGY, STRATIGRAPHIC
New data on the stratigraphy of the Alazeya Plateau. B. V. Pepeliaev, M. I. Terekhov. Sov. geol. 5 no 2 140-144 F '62.

ALBANIA—HYDROELECTRIC POWER STATIONS
Bistritsa sings. A. Tsergа. Vokrug sveta no. 5:12 My '61

ALBANIA—RESEARCH
News concerning the organizations of the members of World Federation of Scientific Workers. Mir nauki 5 no 1 30-32 '61

ALBEDO
(see also subdivision under Franz Josef Land)
Influence of physicogeographical factors on the albedo of the inland reservoirs and some seas. V. A. Rutkovskaia. Izv. AN SSSR Ser. geog. no 1 72-80 Ja-F '62.

ALCALIGENES FAECALIS
Study of the saccharolytic properties of Alcaligenes faecalis. F. I. Stovbun, M. M. Labinova, E. V. Bryzgunova. Lab. delo 8 no. 2 40-42 F '62.

ALCOHOL—TOXICOLOGY
Pathohistological changes observed in acute alcoholic poisoning. Sh. M. Gamkrelidze. Probl. sud. psikh. 9: 119-122 '61.

ALCOHOL, DENATURED
New qualitative reaction for ethyl alcohol and its analytical use [with summary in English]. L. T. Ikramov, E. Israilov. Apt. delo 10 no 6:46-48 N-D '61

ALCOHOL IN THE BODY
Necessity of reorganizing the expert examination of alcoholic intoxication and of introducing the quantitative determination of alcohol in the blood. E. Iu. Karu. Probl. sud. psikh. 9:406-412 '61.

ALCOHOLISM
Acute alcoholic psychoses and their forensic psychiatric significance. Kh. A. Gasanov. Probl. sud. psikh. 9: 377-379 '61.
Alcoholism and schizophrenia. V. A. Gilliarovskii, L. A. Bogdanovich. Probl. sud. psikh. 9:355-360 '61.
Biochemical and neurodynamic reactions to small doses of alcohol by persons suffering with chronic alcoholism. Z. T. Turova. Probl. sud. psikh. 9:413-418 '61.
Clinical aspects of alcoholic paranoias and their forensic psychiatric evaluation. A. G. Gofman. Probl. sud. psikh. 9:380-387 '61.
Discussion. N. I. Pogibko and others. Probl. sud. psikh. 9:407-409 '61.
Forensic psychiatric examination in the clinical aspects of alcoholic diseases. V. E. Rozhnov. Probl. sud. psikh. 9:306-323 '61.
Forensic psychiatric examination of persons with chronic alcoholism. I. K. [Anushevskii] Probl. sud. psikh. 9: 370-376 '61.
A harmful survival of the past. M. Zueu. Rab. i stal. 37 no. 7:17 Jl '62.
Novocaine treatment in alcoholism. B. M. Segal. Vop. psikh. no. 4:258-265 '60.
Problem of the pathological development of the personality in chronic alcoholism. I. N. Platnitskaia. Probl. sud. psikh. 9:400-407 '61
Resolution of the conference. Probl. sud. psikh. 9: 531-533 '61.
Social compensation in chronic alcoholism. M. I. Lazarevich. Probl. sud. psikh. 9:396-399 '61.
Summary [of conference proceedings by the presiding officer]. A. V. Snezhnevskii. Probl. sud. psikh. 9: 517-530 '61.

ALCOHOLISM—TREATMENT
Alcoholism and the organization of treatment for alcoholic diseases. V. M. Banshchikov, I. S. Iolovich. Probl. sud. psikh. 9:361-369 '61.
So-called compulsory treatment of alcoholics. A. M. Rapoport. Probl. sud. psikh. 9:388-395 '61.

ALCOHOLISM AND CRIME
Some characteristics of the state of intoxication in individuals who have suffered craniocerebral injury. T. N. Gordova and others. Probl. sud. psikh. 9:324-354 '61.

ALCOHOLS
Catalytic alkylation of tetralin. Report No 6. Alkylation of tetralin by secondary alcohols. N. I. Shuikin, N. A. Pozdniak. Izv. AN SSSR Otd. khim. nauk no 2 324-327 F '62
Composition of alcohols obtained by the direct oxidation of paraffins under industrial conditions. V. V. Kamzolkin, A. N. Bashkirov, S. A. Lodzia. Neftekhimiia 1 no 2 260-266 Mr-Ap '61
Elucidation of the structure of abienol. G. V. Pigulevskii, V. G. Kostenko, I. D. Kostenko. Zhur. ob. khim. 32 no 2:656 F '62
Reactions of methylbenzoylcarbinol and ethylbenzoylcarbinol methyllactolides with sodium acetoacetic ester. F. I. Temnikova, B. A. Ershov. Zhur. ob. khim. 32 no 2 661-662 F '62
Separation of a mixture of polyatomic alcohols. V. N. Balakhontseva, N. I. Gel'perin. Khim. prom. no 2, 86-88 F '62
Synthesis of aliphatic C_6 - C_{10} alcohols by the liquid phase oxidation of paraffins under pressure. V. V. Kamzolkin and others. Neftekhimiia 1 no. 2 244-254 Mr-Ap '61.
Synthesis of amino alcohols from calcium cyanamide and propylene oxide. Part 8. A. E. Krelov, I. S. Matveev. Zhur. ob. khim. 32 no 2,471-473 F '62.
Tertiary triatomic alcohols of the acetylenic and ethylenic series and their chemical conversions. Part 26. Hydration of 5-methyl-2-(oxycyclopentyl)-3-hexyne-2,5-diol and 2,4-di(1-oxycyclopentyl)-3-butyne-2-ol. V. I. Nikitin, A. B. Zegel'man. Zhur. ob. khim. 32 no 1:10-16 Ja '62
Tertiary trihydric acetylenic and ethylenic alcohols and their chemical transfigurations. Part 27: Action of acetic acid on 2, 3, 6-trimethyloxido-4-heptane-2, 3, 6-triol, 3, 1, 7-trimethyloxido-5-octane-3, 4, 7-triol, and 5-methyl-2-(α-hydroxycyclohexyl)oxido-3-hexane-2, 5-diol. V. I. Nikitin, M. M. Tuliaganov. Zhur. ob. khim. 32 no 2:413-417 F '62
Transformations of higher aliphatic alcohols during their liquid phase oxidation. V. V. Kamzolkin and others. Neftekhimiia 1 no. 5:675-682 S-O '61.

ALDAN PLATEAU—MINERALOGY
Sequence of the formation of minerals in some crystal-bearing veins and characteristics of mineral-forming solutions [with summary in English on p 486]. A. V. Pizniur. Min. sbor. no 14:157-170 '60

ALDEHYDES
Hydrogenation of aldehydes obtained by oxo synthesis over a nickel-chromium catalyst. M. I. Silich, I. P. Sidorov, L. L. Martynova. Khim. i tekh. topl. i masel 7 no 3:18-19 Mr '62.
1,2-diferrocenyl-1, 2-diphenylethane and 1, 1-diferrocenyl-1, 2-diphenylethane. A. N. Nesmeianov, I. I. Kritskaia. Izv. AN SSSR, Otd. khim. nauk no. 2:352-354 F '62
Substituted lactones and their transformations. Part 2. Condensation of δ-valerolactone with aromatic aldehydes. V. M. Dashunin, R. V. Maeva, V. N. Belov. Zhur. ob. khim. 32 no. 2,422-425 F '62.
Syntheses in the domain of 5-nitrofuryl-2-polyalkenals and 5-nitrofuryl-2-polyalkenones. Reaction of carbethoxymethylene-triphenylphosphorane and acetylmethylene-triphenylphosphorane with α, β-unsaturated and polyene aldehydes of the 5-nitrofuran series. K. K. Venter and others. Dokl. AN SSSR 140 no. 5:1073-1075 O '61

ALDER see subdivision under Latvia

ALDOLASE
Aldolase activity in the mild form of acute bacillary dysentery treated with chlortetracycline and bacteriophage [with summary in [illegible]
Antibio[illegible]

ALDOSTI
Daily r
sion,

ALEKSA
Pilot pl
of ligr
and ot
49-56

ALEKSA
Semen
77-78

ALEKSA
Anatoli
61 no

ALENTS
M. N. A
Ja '6

ALFALF
(see a

Poznok
Kul'tu
akad.
([illegible]

Speed o
mass
SSR.S

ALFALFA (Continued)
Tolerance of alfalfa to water-soluble soil salts. M. I. Patakhov. Vest sel'khoz nauki [Kazakh.] 4 no 11, 18-22 N '61.

ALFALFA—HARVESTING see subdivision under Kazakhstan

ALGAE
Present day algology and its main problems M M. Gollerbakh Vest. AN SSSR 32 no. 2 23-28 F '62
Revision of some terms used in the ecology and biogeography of algae. I A. Kiselev Bot zhur 46 no. 11, 1718-1722 N '61.
Stability of the coefficients of strontium-90, yttrium-91 and cerium-144 accumulation in marine algae. G G. Polikarpov. Dokl AN SSSR 140 no.5,1192-1194 O '61.

ALGAE, FOSSIL see subdivision under Pripet Valley

ALGAE AS FOOD
Possible use of algal meal for raising the nutritive value of bread. N. N. Alfimov. Bot. zhur. 46 no. 11,1650-1654 N '61.

ALGEBRAIC CURVES see Curves, Algebraic

ALGEBRAIC FIELDS see Fields, Algebraic

ALGEBRAIC GEOMETRY see Geometry, Algebraic

ALGEBRAS, LINEAR
Study of the errors of certain linear operations. IU. V. Blahoveshchens'kyi Zbir. prats' z obchys. mat i tekh. 3:94-96 '61.

ALGERIA—POLITICS AND GOVERNMENT
Algeria belongs to Algerians! Vokrug sveta no. 3:2-3 Mr '61
Algiers will be independent. P Courtade Starsh - serzh. no 11,36 O[i. e. N] '61
"Black spider" spreads his web. L. Andreev. Ogonek 40 no 8,26-27 F '62.
Black web. Ukraina no 5-3 Mr '62.
Historical victory. V. Shatrov. Mezhdunar. zhizn' 9 no.4:125-127 Ap '62.
SAO. Mezhdunar. zhizn' 9 no.3 150-153 Mr '62.

ALIAKMON RIVER—REGULATION
Bistritsa sings. A. Tserga. Vokrug sveta no. 5:12 My '61

ALIGNMENT CHARTS see Nomography (Mathematics)

ALIMENTARY CANAL—RADIOGRAPHY
X-ray study of the function of the gastrointestinal tract after plastic repair of the esophagus using the large intestine [with summary in English]. S G. IArtsev. Vest rent. i rad. 36 no. 4 53-56 Jl-Ag '61.

ALIMENTARY CANAL—SURGERY
Technic for restoring the continuity of the digestive tract after gastrectomy A I. Saenko. Vest. khir no. 2 46-48 '62.

ALIMENTARY CANAL—ULCERS
Functional state of the pancreas in patients with ulcers. O. G. Gogiberidze. Soob. AN Gruz SSR 27 no 6;785-792 D '61

ALKALI HALIDE CRYSTALS
Characteristics of additive coloring of alkali halide crystals containing an activator. A. S. Shibanov, L. M. Shamovskii. Fiz. tver tela 4 no. 2 443-446 F '62.

ALKALI LANDS see Saline and alkali soils

ALKALI METAL CARBONATES—ELECTRIC PROPERTIES
Electric conductance of fused alkali metal carbonates. Part 1: Na_2CO_3 - K_2CO_3 system. S. V. Karpachev, G. V. Vorob'ev. Trudy Inst. elektrokhim. UFAN SSSR no. 1;61-64 '60.

ALKALI METAL IODIDES
Gamma- and photoluminescence of alkali metal iodides. N. N. Vasil'eva, Z. L. Morgenshtern. Opt. i spektr. 12 no. 1;86-91 Ja '62.

ALKALI METALS
Study of the secondary emission provoked by fast neutral atoms of alkali metals. U. A. Arifov and others Dokl. AN SSSR 143 no. 1 69-71 Mr '62.

ALKALIES
Interaction between alkali and trans-$(Pten_2Cl_2)$ Cl_2. A. A. Grinberg, IU. N. Kukushkin. Dokl. AN SSSR 140 no.5;1076-1078 O '61.
Regeneration of spent alkalies. A. V. Mazov and others. Khim. i tekh. topl. i masel 7 no. 3;26-31 Mr '62.

ALKALOIDS
New alkaloid from Senecio othonnae M. B. A. V. Danilova, N. I. Koretskaia, L. M. Utkin. Zhur. ob. khim. 32 no. 2;647-648 F '62.
Selecting a solvent for extracting alkaloids from the herb Thermopsis [with summary in English]. A. L. Dedneva. Apt. delo 10 no. 6;19-24 N-D '61.
Vomiting inducing action of alkaloid vincanidin. M. B. Sultanov Med. zhur Uzb. no. 6;30-32 Je '60

ALKANES see Paraffins

ALKENES see Olefins

ALKYL CHLORIDES
α-ω-Substituted alkanes with possible biological importance Part 3: Synthesis of α, ω-dialkyluminoalkyl chlorides V. M. Solov'ev, A. P. Skoldinov. Zhur. ob. khim. 32 no 2;439-445 F '62

ALKYL HALIDES
Interaction of iso-C_3H_7Cl and tert-C_4H_9Cl with aromatic acid esters in the presence of magnesium and lithium. A. D. Petrov, E P. Kaplan, M Kurash Zhur. ob. khim 32 no 1;19-24 Ja '62.

ALKYLATION
Alkylation of isooctane with olefins. A. A. Voitekhov, V. I. Karzhev Neftekhimiia 1 no 2 201-203 Mr-Ap '61
Alkylation of phenol by isoamyl alcohol in the presence of sulfuric or orthophosphoric acid. M G. Imaev, Izv vys. ucheb zav., neft' i gaz 4 no 5 75-78 '61.
Alkylation of tetralin by olefins on a cycloparaffin ring. L. Kh. Freidlin, N. M. Nazarova. Neftekhimiia 1 no 5; 619-623 S-O '61
Catalytic alkylation of tetralin in the presence of metallic aluminum. N. I. Shuikin and others Neftekhimiia 1 no 1 39-45 Ja-F '61.
Separation of m- and p-xylenes by selective alkylation followed by dealkylation. S D. Mekhtiev and others. Neftekhimiia 1 no 1 54-59 Ja-F '61.
Sulfuric acid alkylation of isobutane by butylenes using contactors with various feed systems E G Vol'pova and others. Khim. i tekh topl. i masel 7 no. 3;13-17 Mr '62.

ALLELOPATHY
Sanadze, G. A. [Emanation of volatile organic substances from plants] Vydelenie rastenitiami letuchikh organicheskikh veshchestv. Tbilisi, Izd-vo Akad nauk Gruzinskoi SSR, 1961. 91 p.

ALLENE
Problems involved in the preparation of allene. IA. M. Slobodin, A. P. Khitrov. Zhur. ob. khim 31 no. 12; 3945-3947 D '61.

ALLERGY
Diagnostic value of various echinococcal allergens. A. Kh Aralanova Zdrav Kazakh. 21 no. 6;56-62 '61.
Influence of anaphylactic shock on precipitin formation [with summary in English]. V. A. Frolov. Zhur. mikrobiol., epid i immun. 32 no. 9;69-74 S '61
Is croupous pneumonia an allergic process? I P. Mishchenko. Med. zhur Uzb no 3 3-5 Mr '60
Regularities in the distribution of streptomycin in the body in experimental allergic reactions [with summary in English]. V. P. IAkovlev. Antibiotiki 7 no. 1;85-89 Ja '62.

ALLOYS
Effective magnetic moment of an atom of a transition metal in its dilute alloy with a base metal IU A. Izium ov, L. M. Noskova Fiz tver tela 4 no. 1;217-224 Ja '62.
Magnetic scattering of slow neutrons in dilute alloys of a transition metal with a base metal. IU A. Izium ov. Fiz. tver. tela 4 no. 1;225-230 Ja '62.
Studies in the comparative hygienic evaluation of the dust of metallic alloys [with summary in English] O. IA. Mogilevskaia Gig. trud i prof. zab. 6 no 1;8-14 Ja '62.
Study of new alloys as substitutes for chrome-nickel stainless steel in medical equipment. G. Z. Gol'dberg. Med. prom. 15 no. 12;51-54 D '61.

ALLOYS—DEFECTS
Packing defects in alloys caused by distilling off the volatile component. IA. D. Vishniakov, IA. S. Umanskii. Izv. AN SSSR, Ser. fiz. 26 no 3;352-353 Mr '62.

ALLOYS—ELECTRIC PROPERTIES
Electric resistance of certain alloys in the liquid state. A. M. Korol'kov, D. P. Shashkov, Izv. AN SSSR, Otd. tekh. nauk, Met. i topl. no. 1;84-86 Ja-F '62.

ALLOYS—METALLOGRAPHY
Determining the microstructure and microhardness of alloys as a method of controlling the quality of skeletal nickel catalysts. A. I. Kriagova. Izv. vys. ucheb. zav., tsvet. met. 5 no. 1,139-141 '62.
Khorpiakov, O. T., IU. B. Paderno, and V. P. Dzhenovs'kyi. [Standard X-ray patterns of hard and high-melting alloys] Etalonni rentgenogramy tverdykh i tuhoplavkykh spoluk. Pid red. H. V Samsonova. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 62 p.
Vicinal crystallization of eutectic-type binary alloys. V. V. Nikonova, G. M. Bartenev. Izv. AN SSSR. Otd. tekh. nauk. met. i topl. no. 1;100-104 Ja-F '62.

ALLOYS—TESTING
Bauschinger effect in AMG-6 Talloy. G. B. Talypov. Issl. po uprug. i plast. no. 1;202-204 '61.

ALLOYS—WELDING
Effect of the speed of welding on the plastic properties of joints in certain high-melting alloys I. N. Kaganov, A. F. Khudyshev. Svar. 31-32 F '62

ALLUVIUM see subdivision under Dnieper Valley

ALLYL ALCOHOL
Hydroxylation of allyl alcohol by hydrogen peroxide in the presence of mercury and its compounds Sulima. Zhur. ob. khim. 32 no. 1 307-

ALMA-ATA—CHILDREN'S ACCIDENTS
Traumatism among children in Alma Ata and its prevention A. A. Rozhkova. Zdrav Kazakh 21 no. 2;4-8 '61

ALMA-ATA—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK
Good initiative. N. Lerner. Part. zhizn' 32 no. 2;40-45 F '62

ALMA-ATA—INTESTINES—DISEASES
Methods of the transmission of intestinal [illegible] Alma-Ata. Report No 1 A. A Apastasov Kazakh 21 no. 10;54-56 '61

ALMA-ATA—MACHINERY INDUSTRY
Indices of the industrial plan of an enterprise fulfilled man. Nar khoz. Kazakh. 20 no 3 41-46
More production and less expenditure! Kazakh. 20 no. 1-35-47 Ja '62
Results, plans and recurrent short-term [illegible] Nar. khoz. Kazakh. 20 no 2;9-1 1 '62.

ALMA-ATA—SCHOOL HYGIENE
Condition of the natural illumination of [illegible] in Alma-Ata. N. G Sindina. Zdrav Kazakh 59-61 '61

ALMA-ATA—SCHOOLHOUSES
Problems of school construction in Alma-Ata Krainiukova, Sh E Valikhanov. Trudy Kaz no 2 49-63 '60

ALMA-ATA—TAPEWORMS
Incidence of epidemic hymenolepiasis among children in Alma-Ata. A. A. Namitokov. Kazakh 21 no. 5;63-66 '61.

ALMA-ATA—THEATER
In Alma-Ata. K Satybaldin. Teatr 21 no. '62

ALMA-ATA—WATER SUPPLY
Methods of the transmission of intestinal [illegible] Alma-Ata Report No 1. A. A. Apastasov. Kazakh 21 no. 10;51-56 '61.

ALMA-ATA—WEATHER CONTROL
The fog recedes. M. Maksimov, M. Shul'gin kov. Grazhd. av. 18 no. 11;10 N '61.

ALMA-ATA PROVINCE—CORN (MAIZE)
Development of corn root systems in the [illegible] of Alma-Ata Province. V. M. Petrunin nauki [Kazakh.] 4 no. 11;47-53 N '61.

ALMA-ATA PROVINCE—MOUNDS
Ancient burial methods in Alma-Ata Province Ageeva. Trudy Inst. ist., arkheol. i etn A SSR no. 12;21-40 '61.

ALMA-ATA—SOIL MOISTURE
Optimum moisture if loamy light Chestnut farming areas of Alma-Ata Province. N. Vest sel'khoz nauki [Kazakh.] 4 no. 12,

ALMOND—THERAPEUTIC USE
Use of dried sweet almond in treating peptic Kravchenko. Vop. pit. 21 no. 1;85-88 Ja

ALPHA RAYS
Angular distributions of α-particles in the Li^7 (p, α)He^4 [with summary in English] and others. Zhur. eksp. i teor. fiz. 42 no F '62.
Measuring the energy of α-particles in the Th^{232} and Bi^{210} isotopes. G. A. Kotelev lov. Izv. AN SSSR. Ser. fiz. 26 no 2;2[illegible]

ALPHA RAYS—SPECTRA
Effect of the thickness of the source on the energy spectrum and angular distribution N. K. Abrosimov, G. E. Kocharov. Izv. AN fiz. 26 no 2;237-244 F '62.

ALTAI MOUNTAINS—CRANIOLOGY
Paleoanthropology of the Altai-Sayan upland Neolithic and Bronze epochs. V. P. Alek Inst. etn. 71;107-206 '61.

ALTAI MOUNTAINS—GEOLOGY, STRATIGRAPHY
Lower Cambrian in the Gornyy Altai V. V. and others Izv. AN SSSR. Ser. geol. 27 '62

ALTAI MOUNTAINS—GEOLOGY, STRUCTURE
Recent tectonics of the southern Altai. Uch. zap. LGU no. 298;144-154 '61.

ALTAI MOUNTAINS—GLACIERS
Recession regimens of the ancient glaciers of the Altai V E Popov. Dokl AN SSSR 142 no 2 431-434 Ja '62

ALTAI MOUNTAINS—IRON ORES
Genetic connections between iron mineralization and intrusives in the Inskoye deposit of the Gornyy Altai [with summary in English]. V A Vakhrushev, N.V. Sobelev. Geol i geofiz. no.11:85-98 '61

ALTAI MOUNTAINS—METASOMATISM
Zoning of contact-metasomatic preskarn formations as revealed by the southeastern part of the Iyedygem intrusive massif in the Gornyy Altai A I. Beshenov Izv vys. ucheb. zav., geol i razv 5 no.1 48-59 Ja '62

ALTAI MOUNTAINS—MINERALOGY
Two genetic types of mineral associations as revealed by the Altai complex metal deposits [with summary in English on p 484]. D. I Gorzhevskii. Min abor. no.14:119-124 '60

ALTAI MOUNTAINS—ORE DEPOSITS
Alternations of enclosing rocks and mineralization stages in the Vavilonsk deposit (Rudnyy Altai) B. F. Zlenko Geol. rud. mestorozh. no 1:7-34 Ja-F '62

Ivankin, P. F., P. V. Inshin, and V. S. Kuzebnyi. [Ore formations of the Rudnyy Altai. [Ore formations of the Rudnyy Altai] Rudnye formatsii Rudnogo Altaia. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1961. 235 p.

ALTAI MOUNTAINS—ROCKS
"There are grains of gold in those rocks." P IEvlev. Mest prom i khud promys. 3 no 1 36 Ja '62.

ALTAI MOUNTAINS—ROCKS, IGNEOUS
Genetic connections between iron mineralization and intrusives in the Inskoye deposit of the Gornyy Altai [with summary in English]. V. A Vakhrushev, N V. Sobelev. Geol i geofiz no 11 86-98 '61.

ALTAI TERRITORY—AGRICULTURE
For high yield per hectare of arable land F. Shevchenko. Part. zhizn' no 1 23-28 F '62

This too is a school of management. B. Rakhmanin. Komsom. zhizn' no. 3:19-21 F '62.

ALTAI TERRITORY—BOOKSELLERS AND BOOKSELLING
On the open spaces of the Altai Territory. A Karasev. Sov knizh. torg 15 no 2 9-11 F '62

ALTAI TERRITORY—BRECCIA
Origin of mineralized breccias in some pyrite-type deposits of the Altai and the Urals P F Ivankin. Dokl. AN SSSR 142 no. 2 422-424 Ja '62

ALTAI TERRITORY—CONSTRUCTION INDUSTRY—FINANCE
Brigades are transferred to business accounting N. Mart'ianov, G. Maneev. Nar. khoz. Kazakh 20 no. 2:35-37 F '62.

ALTAI TERRITORY—RESTAURANTS, LUNCHROOMS, ETC.
Dining room on a state farm in the Altai Territory. A. Volgin. Obshchestv. pit. no. 11.35-37 N '61.

ALTITUDE, INFLUENCE OF
Changes in the motor conditioned reflexes in man under conditions of hypoxic hypoxia and low barometric pressure [with summary in English]. V. N. Alifanov. Zhur. vys. nerv. deiat. 11 no. 4:615-622 Jl-Ag '61.

Study of the higher nervous activity in man under conditions of a prolonged stay in a rarified atmosphere [with summary in English]. G. V. Altukhov, N. A. Agadzhanian. Zhur. vys. nerv. deiat. no. 4:586-592 Jl-Ag '61.

ALUMINA
Effect of salt admixtures on the solubility and the speed of alumina solution in cryolite melts. L. A. Firsanova, A. I. Beltaev. Izv vys. ucheb. zav., tsvet. met. 5 no. 1:77-81 '62.

ALUMINOSILICATES
Conversions of cyclopentane, dekalin and tetralin into aromatic hydrocarbons in the presence of aluminosilicates. A. V. Topchiev and others Neftekhimiia 1 no. 2:204-212 Mr-Ap '61.

Effect of sodium admixture on the structure and properties of an aluminosilicate catalyst. D. P. Dobychin, T. F. TSellinskaia, O. M. Pesochinskaia. Zhur. prikl. khim. 35 no. 2:264-271 F '62.

Method for recording absorption spectra of dyes in transmitted light on plate-shaped silica and aluminosilicate gels. Z. Z. Vysotskii, L. F. Divnich, S. S. Butsko. Opt. i spektr. 12 no. 2:327-328 F '62.

ALUMINOTHERMY
Making chromium metal in arc furnaces by aluminothermy. G. F. Ignatenko and others Stal' 22 no. 2 137-139 F '62.

Reduction of niobium concentrates by carbon. N. P. Lia-kishev, V. A. Bogoliubov. Izv. vys. ucheb. zav. ;chern. met. 5 no. 1:70-77 '62.

ALUMINUM
Rapid method of determining admixtures of aluminum in type metal. A. D. Vinogradova. Nauch. trudy MPI no. 12:57-65 '60.

ALUMINUM—ELECTROMETALLURGY
Electrocapillary phenomena and the anode effect during the electrolysis of cryolite-alumina melts Izv vys. ucheb. zav., tsvet. met. 5 no 1 82-88 '62

Electromagnetic agitation of molten aluminum in the furnace. A. I Leushin Izv. vys. ucheb zav., tsvet. met. 5 no. 1 94-100 '62.

Improve the control of the electrolyte composition for aluminum electrolytic cells. M. S. Beletskii. TSvet met. 35 no. 2:56-59 F '62.

Thermal field of the cathode in an aluminum electrolytic cell. M. A. Korobov, A M. TSyplakov, B I Timchenko TSvet. met. 35 no. 2:49-55 F '62

ALUMINUM—ISOTOPES
Gamma rays in connection with inelastic scattering of 2 95 Mev. neutrons from Al^{27}. L. Graudina and others Izv AN Latv. SSR no. 1 51-52 '62.

ALUMINUM—METALLURGY
Technical improvements in the production of secondary aluminum [from "Aluminum," no. 3, 1961] A IA Fisher. TSvet met. 35 no 2,93-95 F '62.

ALUMINUM ALLOYS
Anode treatment of aluminum alloys as a method of preparation before electroplating. N. A. Marchenko, V. G. Kakovkina, S. K. Lipko Zhur. prikl. khim. 35 no. 2:338-341 F '62

Fridliander, I. N., and M. B. Al'tman, eds. [Aluminum foundry alloys (properties, technology and melting, casting and heat treatment)] Liteinye aliuminovye splavy (svoistva, tekhnologiia plavki, lit'ia i termicheskoi obrabotki); sbornik statei. Moskva, Gos. nauchno-tekhn. izd-vo Oborongiz, 1961, 202 p.

Two sets of instructions on the manufacture, assembly, and protection from corrosion of building elements made of aluminum alloys V. S. Kornienko. Mont i spets. rab. v stroi. 23 no 12 30 D '61.

ALUMINUM ALLOYS—HEAT TREATMENT
Effect of heat treatment conditions on the characteristics of AL9 alloy. P A Parkhutik, A. F Zakharova Avt. prom 28 no 2 34-36 F '62

ALUMINUM ALLOYS—METALLOGRAPHY
Chemical interaction between the alloying components of ternary alloys in the liquid state. V. M. Glazov. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 1:89-93 Ja-F '62.

ALUMINUM ALLOYS—WELDING
Multiple pass argon-arc welding of AMg6 aluminum alloy structures. K. P. Andreev, V. R. Boiko Svar. proizv no. 2:33-34 F '62.

ALUMINUM BRONZE
New material for drawing dies. S. A. Valiev. Kuz.-shtam. proizv. 4 no. 2:41-42 F '62.

Testing bearings made of Br. AZh 9-4 bronze. F. P. Snegovskii. Konstr. i tekh. mash. no. 1:74-81 '61.

ALUMINUM COATING
Gorodnov, P. T. [Increasing the heat resistance of steel parts by alitizing] Povyshenie zharostoikosti stal'nykh izdelii metodom alitirovaniia. Moskva, Mashgiz, 1962. 109 p.

ALUMINUM-COPPER ALLOYS see Copper-aluminum alloys

ALUMINUM-COPPER-LITHIUM ALLOYS—METALLOGRAPHY
Phase recovery in the system aluminum - copper - lithium. Z. A. Sviderskaia, N. I. Turkina. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 1:151-155 Ja-F '62.

ALUMINUM-COPPER-MAGNESIUM ALLOYS see Copper-aluminum-magnesium alloys

ALUMINUM CRYSTALS—DEFECTS
Selective etching of aluminum crystals. E. V. Kolontsova, A. I. Krokhina, L. P. Vakhomchik. Kristallografiia 7 no. 1:152-154 Ja-F '62

ALUMINUM FOUNDING
Effect of vacuum treatment on the foundry properties of the AL10 alloy. A. V. Kurdiumov, G A. Stekol'nikova Lit. proizv. no. 2:28-30 F '62.

ALUMINUM INDUSTRY see subdivision under Hungary; Kazakhstan

ALUMINUM-MAGNESIUM ALLOYS—HARDENING
Aging of aluminum-magnesium and aluminum-magnesium-zinc alloys. L. N. Rogel'berg and others. Izv. AN SSSR Otd. tekh. nauk. Met. i topl. no. 1:147-150 Ja-F '62.

ALUMINUM-MANGANESE-SILICON ALLOYS—METALLURGY
Preparation of the AMS alloy [aluminum-manganese-silicon] from Dzhezdy manganese ores with use of Ekibastuz coal. Stal' 22 no. 2:139 F '62.

ALUMINUM-NICKEL ALLOYS see Nickel-aluminum alloys

ALUMINUM ORGANIC COMPOUNDS
Synthesis of organoaluminum compounds containing a silicon atom in their alkyl chain. L. I. Zakharkin, L. A. Savina. Izv AN SSSR. Otd. khim. nauk no. 2,253-256 F '62.

ALUMINUM OXIDE
Coordination of gallium and aluminum in vitreous silicates. S. K. Dubrovo, A. A. Kefeli Zhur prikl. khim 35 no. 2:441-443 F '62.

Determination of aluminum oxide in metallic aluminum by hydrochlorination [with summary in English] A A Fedorov, F. V. Linkova. Zhur. anal khim. 17 no 1: 53-55 Ja-F '62

ALUMINUM SILICATES
(see also subdivision under Crimea)
Activity of oxides in liquid aluminum silicates. IU. P. Nikitin and others Izv vys. ucheb. zav., tsvet met 5 no. 1 74-76 '62.

ALUMINUM SULFATE CRYSTALS
Effect of gamma-radiation on the ferroelectric properties of guanidine aluminum sulfate crystals V. A. IUrin, A S Baberkin, I S. Zheludev. Kristallografiia 7 no 1 147-150 Ja-F '62.

ALUMINUM TITANATES
Thermodynamic characteristics of zirconium dioxide, zircon, aluminum titanates, and magnesium titanates [with summary in English] A S. Berezhnoi Dop. AN URSR no 1 65-68 '62.

AMALGAMS
Effect of some impurities on the cementation of gallium with sodium amalgam A. T. Nizhnik, Z. V. Shakhter Zhur. prik. khim. 35 no 2:295-300 F '62

AMATEUR ART ACTIVITIES
(see also subdivision under Penza Province, White Russia)
Tractor operator and artist. L. Ermilov. Sel'. mekh. no. 12:41 '61.

AMATEUR ART ACTIVITIES—PERIODICALS
"Khudozhestvennaia samodeiatel'nost'." Klub 11 no. 1: 40 Ja '62.

AMATEUR MOTION PICTURES
Pankov, V. I., and V. D. Pekelis. [The A B C's of the amateur motion-picture photographer; how many letters in the A B C's of the amateur motion-picture photographer?] Azbuka kinoliubitelia; skol'ko bukv v azbuke kinoliubitelia? [Moskva, Izd-vo VTsSPS, Profizdat, 1961. 346 p.

AMATEUR RADIO STATIONS
Making a transistorized school radio broadcasting and receiving unit. M. Rumiantsev. IUn. tekh 6 no 2:50-52 '62.

AMATEUR THEATRICALS
(see also subdivision under Bobruysk, Leningrad, Nikologory; Pskov; Staraya Russa)
In theaters of the army. G Filippov. Teatr 23 no. 2: 156-159 F '62.
"Secondary Infantry Regiment" I. Kopchenov. Teatr 23 no 2:160 F '62.

AMERICA—MAPS
Against false interpretation of Pirl Reis maps. M. I. Belov. Priroda 51 no. 2:84-88 F '62

AMIDES
Reaction of p-dimethylamino- and p-diethylaminobenzaldehydes with dicyanodiamides. A. E. Kretov, L. V. Panashuk. Zhur. ob. khim. 32 no. 1 96-97 Ja '62.
Synthesis of tetraalkyldiamides of 1-alkylthio-2-hydroxydichlorophosphine-3-chloro-1, 3-butadienes. M. F. Shostakovskii, I. I. Guseinov, G. S. Vasil'ev. Zhur. ob. khim. 32 no 2:380-381 F '62.

AMINES
Aminopropar
type 1,3-[I
rent'ev
'62.
S-L
5-h
and
Ryr
Inter
aky
Der
Inter
ally
V.I
'62
Inter
wit
Dok
Orga
bor
bas
32
Synth
B, I
ob.

AMINE
Elect
in
12

AMINO ACID METABOLISM

Changes in the amino acid composition of grafted plants. E. S. Avundzhian. Dokl AN SSSR 142 no 5:1209-1211 F '62

AMINO ACIDS

Amino acids in the mycelium and culture medium during the cultivation of Act. aureofaciens [with summary in English] A M. Bezborodov, L E Semkina. Antibiotiki 7 no 2 118-124 F '62

Comparative dynamics of the accumulation of amino acids in the different bases of the culture medium for the growth of microbes depending on the method of its preparation. Part 2. A. A. Mamedov. Azerb med zhur. no. 8 71-74 Ag '61.

Comparative investigation of the amino acid composition of linden (Tilia) blossoms and sophora (Sophora japonica) flower buds S. I. Ankov Dokl AN SSSR 142 no. 5:1203-1204 F '62

Diethyleneimidophosphoryl and diethyleneimidothiophosphoryl derivatives of amino acids and peptides L. L. Knuniants and others Dokl AN SSSR 142 no. 2 370-373 Ja '62

AMINOPYRINE

Effect of pyramidon on the composition of peripheral blood in rheumatic fever in children F. Bogomolova Zdrav. Kazakh 21 no 6:51-52 '61

AMIROV, FIKRET, 1922-

Mamedbekov, D. [Symphonic mugams of F. Amirov; an analysis] Simfonicheskie mugamy F Amirova, poiasnenie Moskva, Sovetskii kompozitor, 1961. 63 p

AMMONIA

δ-Lactones and δ-lactams. Part 27 Reaction of 5-bromo-1,6-dehydroxy-2-piperidones with ammonia and amines N. P. Shusherina, R. IA. Levina, T. G. Rymareva Zhur ob. khim 32 no. 1:80-92 Ja '62

Interaction of chloro derivatives of alkenethiocarbonates with ammonia and amines V. S. Etlis, G. A Razuvaev Dokl AN SSSR 142 no. 4 838-840 F '62.

1-5-Diaryl-3-haloformazan series. Part 3: Reaction of arylazochloroacetic acids with nucleophilic agents. M. O Lozinskii, P. S. Pel'kis. Zhur ob khim. 32 no 2. 526-531 F '62.

Sources of ammonia formation in the brain tissue [with summary in English] E. E. Klein. Trudy Inst fiziol AN Gruz. SSR 12:153-161 '61

AMMONIA—TRANSPORTATION

Re-equipment of "Kazbek"-type tankers for the transportation of liquid ammonia E. Kulashin, N Kol'be Mor flot 22 no 3 34-36 Mr '62

AMMONIUM COMPOUNDS

Physicochemical investigation of complexes formed by alkyl-(aryl)-chlorosilanes and the halides of tetrasubstituted ammonium, N M. Alpatova and others. Dokl AN SSSR 142 no. 5:1073-1076 F '62.

AMMONIUM NITRATE

Nomogram for determining the thermal effect of neutralization reaction during the production of ammonium nitrate IA. I. Kil'man. Khim prom no. 2:145 F '62.

AMMONIUM PHOSPHATE

Elastic properties of ammonium dihydrophosphate and the Laval-Raman theory of elasticity. K. S. Aleksandrov, L. N Riabinkin. Dokl. AN SSSR 142 no 6:1298-1300 F '62.

AMMONIUM SULFATE

New reagents for feltwork. M. I. Levin and others. Tekst. prom. 21 no. 12:48-50 D '61

Production of high-grade ammonium sulfate according to All-Union State Standard 9097-59. A. A. Radilovskii. Koks i khim. no. 1:39-40 '62

Rapid methods for analyzing crude light pyridine bases and for determining the acidity of ammonium sulfate. IA. Z Leitman, T. I Likhota. Koks i khim no 12 54-55 '61.

AMMONOIDEA

Glazunova, A. E. [Aptian-Albian ammonites in the Kopet-Dag, Greater and Lesser Balkhan Range, and Mangyshlak Peninsula] Ammonity apta i al'ba Kopet-Daga, Malogo i Bol'shogo Balkanov i Mangyshlaka. Moskva, Gos. izd-vo geol lit-ry, 1953. 155 p. (Leningrad Vsesoiuznyi geologicheskii institut. Trudy)

AMNESIA

Retrograde amnesia in psychogenic reactions and its significance in forensic psychiatry. S. M. Lifshits Probl sud. psikh. 9:157-160 '61.

AMPEROMETRIC ANALYSIS see Conductometric analysis

AMPHIBOLITE

Gypsum and opal products of the contemporary chemical weathering of amphibolites in the Lake Bol'shoy Lapot' region. E. S. Antoniuk. Mat. po min. Kol'. poluost. 1: 127-129 '59.

Hydroxonium ion in amphibolites [with summary in English]. I. V. Ginzburg, G. V. Ukhnevich. Geokhimiia no. 1:30-36 '62

AMPHIPODA see subdivision under Karelia

AMPLIFIERS, ELECTRON-TUBE

Features of amplifiers with negative feedback using a double T-type bridge V O Kobak Elektrosviaz' 16 no 2 10-16 F '62

AMPLIFIERS (ELECTRONICS)

Balanced selective amplifier for magnetic measurements operating on 1 mc. frequency S. S Khrizman, G I Gurskii. Shor. trud. Inst elektrotekh AN URSR no 18: 115-118 '61

Lur'e, O. B. [Video frequency amplifiers] Usiliteli videochastoty. Izd 2, perer. i dop. Moskva, Izd-vo "Sovetskoe radio," 1961. 675 p.

Passage of pulse signals and noise through a two-stage detuned amplifier. V. S. Davydov, A. M. Romanov. Radiotekhnika 17 no 2:64-70 F '62.

Stable amplifier for measuring the pH value of solutions with a glass electrode. A. D. Semenov, I V Busler Gidrokhim. mat. 34:157-163 '61.

AMPLIFIERS, PARAMETRIC see Parametric amplifiers

AMPLIFIERS, TRANSISTOR see Transistor amplifiers

AMPUTATION STUMP

Comparative evaluation of some methods for treating the stump of large nerve stems in amputation of the extremities N. K. Akhmedov. Med zhur Uzb no 11:9-13 N '61.

AMPUTEES—PSYCHOLOGY

Appearance of phantom sensation and phantom pains in amputees; experimental data B. G. Ganiev. Med zhur. Uzb no. 11:15-17 N '61

AMU DARYA—SHORE PROTECTION

Shore protection of Amu-Darya. A. V. Kulikov. Put' i put. khoz. 6 no 2:18-19 '62.

AMU DARYA VALLEY—ENGINEERING GEOLOGY

Characteristics of Quaternary sediments in the central part of the Amu Darya Valley (from Kelif station to Deynau) from the point of view of engineering geology in connection with the construction of irrigation systems. V. L. Dubrovkin, E. A. Cheklina Vop. gidrogeol i inzh. geol. no 19:59-71 '61.

AMU DARYA VALLEY—IRRIGATION

Characteristics of Quaternary sediments in the central part of the Amu Darya Valley (from Kelif station to Deynau) from the point of view of engineering geology in connection with the construction of irrigation systems. V. L. Dubrovkin, E. A. Cheklina. Vop. gidrogeol. i inzh geol no 19:59-71 '61

AMULETS

Serpentine compositions on early Russian amulets with snake images. G. K. Vagner. Krat. soob. Inst. arkheol. no. 85:26-30 '61.

AMUR PROVINCE—FORESTS AND FORESTRY

Our forests should be managed by a single agency. I. Konoplev, A. Klimkovich. Sov. deput. trud. no 2:77-79 F '62.

AMUR RIVER—MINNOWS

Materials on the systematics and biology of two minnow species of the Amur River. E. F. Kulikova. Uch. zap Kar. ped. inst. 7:60-92 '58.

AMUR RIVER—SEA BASS

Food of the Chinese perch (Siniperca chua tai) in the Amur River. L. I. Sokolov. Ryb. khoz. 38 no. 2:23-25 '62.

AMUR VALLEY—FAULTS (GEOLOGY)

Mesozoic and Cenozoic history of the development of the Mongolian-Okhotsk deep fault in the western part of the upper Amur Valley. E. A Portnlagin. Izv. vys. ucheb. zav., geol. i razv. 5 no 1:24-30 Ja '62.

AMUR VALLEY—GEOLOGY, STRATIGRAPHIC

Mesozoic of the northern Sikhote-Alin' Range and lower Amur Valley. A. I. Savchenko. Sov. geol. 4 no. 12: 78-95 D '61.

AMUR VALLEY—GILYAKS

Nivkhi settlements, dwelling and farm structures in the Amur Valley and the western shore of Sakhalin Island, middle part of the 19th and beginning of the 20th century Ch. M Taksami. Trudy Inst. etn. 64 98-166 '61

AMUSEMENTS

"For the grownups and for children." Kul't. pros. rab. 23 no. 1 60-61 Ja '62.

AMYL ALCOHOL

Cation exchangers as catalysts in the dehydration of tert-amyl alcohol. S. M. Markevich, N. G. Poliianskii, N. L Potudina. Neftekhimiia 1 no. 2.230-234 Mr-Ap '61.

AMYLOSE ISOMERASE

New enzyme preparation. A. N. Petrova. Vest. AN SSSR 32 no. 3:35-36 Mr '62

ANABASIS (BOTANY)

Klyshev, L. K. [Biology of Anabasis aphylla L., biological foundations of its use and cultivation] Biologiia anabazisa bezlistnogo Anabasis aphylla L., biologicheskie osnovy ispol'zovaniia i vvedeniia v kul'turu. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1961. 350 p.

ANALCITE

Rocks containing analcite and zeolites from the Northern-Onega bauxite deposit. E. A. Kalberg, T. P. Levando. Dokl. AN SSSR 142 no. 4 919-921 F '62

ANALOGY

Analogy and models. A. I. Uemov. Vop. filos. 16 no 3: 138-145 '62

ANALYSIS (CHEMISTRY) see Assaying

ANALYSIS (MATHEMATICS) see Functions

ANALYTIC FUNCTIONS see Functions, Analytic

ANALYTICAL CHEMISTRY see Chemistry, Analytical

ANALYTICAL MECHANICS see Mechanics, Analytic

ANAPA—RELIEF (SCULPTURE)

Marble relief from Anapa. I. T. Kruglikova. Sov. arkheol 6 no. 1:282-289 '62.

ANAPHYLAXIS

Effect of sensitization of the animal organism on the state of the periodontium. N. F Danilevskii, O. V Petrova. Probl stom 5:28-34 '60.

Histochemical study of liver protein following sensitization [with summary in English]. V. S. Gigauri. Zhur. mikrobiol., epid. i immun. 32 no. 9 74-77 S '62.

Nystatin treatment of candidosis. S. I. Ashbel', V. G. Sokolova Kaz. med zhur no. 4:63-67 Jl-Ag '61.

Two cases of severe anaphylactic reaction to penicillin. Kh. F. Lukmanova, K. G. Shnimardanova. Kaz. med. zhur. no. 4:58-60 Jl-Ag '61.

ANATOMY

"History of the embalming of corpses and the creators of Russian anatomical technique" by B. M. Ariaslavtsev. Reviewed by N. D. Dovgiallo. Arkh. anat. gist. i embr. 41 no. 7 121 Jl '61.

ANATOMY—BIBLIOGRAPHY see Bibliography—Anatomy

ANATOMY—CONGRESSES

Results of the Seventh International Congress of Anatomists in New York (U. S. A.) in the field of normal anatomy. M. G. Prives. Arkh. anat. gist. embr 40 no. 6. 116-127 Je '61.

Seventh International Congress of Anatomists. B. A. Nikitiuk. Vop. antr. no. 5:141-143 '60.

ANATOMY, ARTISTIC

Anatomical sketches of I. E. Repin. D. G. Daviner. Arkh anat. gist. i embr. 42 no. 2:98-105 F '62.

ANATOMY, COMPARATIVE

Correlations of myopia in man with the anatomical and physiological characteristics of his body. A. A. Malinovskii. Vop. antr. no. 7:66-76 '61.

Morphological analysis of the human hand as the organ of work in N. I. Pirogov's research studies G. A Savich Vop. antr no. 8 116-122 '61

ANATOMY, HUMAN

"Bases of anatomy" [in German] by Kurt Alverdes. Reviewed by D. N. Lubotskii. Arkh anat. gist. embr. 40 no. 6:108-111 Je '61

Determining the components of the human body. I. Brezhek. Vop. antr. no. 5:31-57 '60.

ANATOMY, HUMAN—NOMENCLATURE

International Congress of Anatomists, 6th, Paris, 1955. [Nomina anatomica; international anatomical nomenclature] Nomina anatomica; starptautiska anatomiska nomenklatura. Riga, Latvijas PSR Zinatnu Akad. izdevnieciba, 1961. 354 p. [Parallel texts in Latvian, Latin and Russian]

ANATOMY, PATHOLOGICAL

Chief results of the research carried out in the Department of Pathological Anatomy in the Institute of Experimental Medicine of the Academy of Medical Sciences of the U.S.S.R. on the problem of arteriosclerosis. N. N. Anichkov. Vest. AMN SSSR 16 no. 11:28-40 '61.

Comments of Docent P. D. Tuliaganov's article "Organizational principles of the pathoanatomical service" in Meditsinskii Zhurnal Uzbekistana no 6, 1960. S. Sh. Shakhabutdinov. Med. zhur. Uzb. no. 2:63-64 F '60.

ANATOMY, PATHOLOGICAL—ATLASES

Funshtein, L. V. [Atlas of the patological anatomy of acute experimental radiation sickness] Atlas patologicheskoi anatomii ostroi luchevoi bolezni v eksperimente. [Leningrad] Medgiz, 1961. 216 p. (DNLM)

ANCESTRY see Heredity

ANCIENT GEOGRAPHY see Geography, Ancient

ANCIENT HISTORY see History, Ancient

ANDIZHAN—PUBLIC HEALTH SOCIETIES
Work of the Andizhan District Society of Epidemiologists, Microbiologists, Infectious Disease Specialists, and Hygienists M V Losi Med zhur Uzb no 2 76-77 F '60

ANDIZHAN—SCHOOL HYGIENE
Some hygienic problems in organizing polytechnic instruction in schools at Andizhan. A.R.Razikov. Med. zhur.Uzb. no 12:43-45 D '61.

ANDIZHAN PROVINCE—ECONOMIC POLICY
Province planning committee and vocational training. R. Romanova. Nar khoz Uzb 4 no 2:70-72 F '62

ANDIZHAN PROVINCE—GOITER
Some materials for the study of endemic goiter in Andizhan Province. V. IA. Levitin, IU. M. Fuzailov. Med. zhur. Uzb no. 6 22-25 Je '60

ANDIZHAN PROVINCE—HERNIA
Abdominal hernias according to data from Andizhan Province Clinical Hospital for a ten year period (1951-1960). I. A. Setterov Med zhur Uzb. no 11,52-54 N '61

ANDIZHAN PROVINCE—PUBLIC HEALTH, RURAL
Some problems in planning and organizing rural public health service in Andizhan Province. N. A. Nadzhmitdinov, B. B. Entin. Med zhur Uzb. no 6:54-56 Je '60.

ANDIZHAN PROVINCE—VOCATIONAL EDUCATION
Province planning committee and vocational training. R. Romanova Nar. khoz Uzb 4 no. 2:70-72 F '62.

ANDO, SHOEKI
Radul'-Zatulovskii, IA.B. [Ando Shoeki, a materialist philosopher of the 18th century] Ando Soeki - filosof materialist XVIII veka, Moskva, Izd-vo vostochnoi lit-ry, 1961. 210 p.

ANDROSTANE
Transformed steroids. Part 1 New reaction in the series 5α-oxy,6β-acetoxy derivatives of androstane. A. A. Akhrem, I. G. Zavel'skaia Zhur ob khim. 32 no 1 50-53 Ja '62

ANDROSTENEDIONE
Trans-1-vinyl-6-oxo-8-methyl-Δ^1-octalin in the reactions of diene synthesis and some conversions of d, l-16-nor-14-iso-oxy-$\Delta^{9(11)}$-androstene-15, 17-dione acetate. V. F. Kucherov, I. A. Gurvich. Izv AN SSSR, Otd. khim. nauk no. 2:361-365 F '62.

ANDRUSOV, NIKOLAI IVANOVICH, 1861-1924
In memory of N. I. Andrusov. Vest. AN SSSR 32 no. 3: 101-105 Mr '62

Nikolai Ivanovich Andrusov; on the 100th anniversary of his birth. G. I. Moliavko. Geol. zhur 22 no. 1:113 '62.

ANEMIA
Clinical aspects of anemia of the aplastic type. R. Sh. Dashevskaia. Kaz. med. zhur. no 4:70-71 Jl-Ag '61.

Color sedimentation test of urine in infants with severe alimentary infectious anemia. K V Stepanova. Lab delo 8 no 2 52 F '62

Pathogenesis of hemophilia and the mechanism of hemostatic effect in treating aplastic and hypoplastic anemias. F. E. Fainshtein, I. D. Orlova. Terap. arkh no 7:84-91 '61

Remote development of anemia following single exposure to X rays. G. V. Voskoboinikov, N. I. Shmeleva Radiobiologiia 1 no. 6:887-891 '61.

Sickle cell anemia in childhood. L. T. Dzhafarova, V. IU Dikova. Pediatriia 41 no 3,56-57 '62

Treatment of familial hemolytic anemia in children [with summary in English]. L. A Durnov. Pediatriia 41 no, 3:58-61 '62.

"Vitamin B_{12} and its significance in the pathogenesis and treatment of pernicious anemia" by IU. L. Milevskaia. Reviewed by P. I. Egorov, G. M. Sokolova. Terap. arkh. no. 12:114-115 '61.

ANESTHESIA
Anesthesia in radical operations for tumors of the sigmoid and rectum. I. A Frid. Vop. onk. 8 no. 2:35-44 '62.

Anesthesia in surgery for laryngeal cancer. L. A. Vaisberg, T. A. Rogichikova. Vest. otorin. no. 4:36-39 '61.

Basal metabolism changes in oncological patients during operations under inhalation anesthesia applied by various methods IA. A. Rudaev. Nov. khir. arkh. no 2:24-27 '62.

Bronchoscopy and bronchography during anesthesia with controlled respiration V. P. Filippov. Probl. tub. no. 2,43-48 '62.

Bronchoscopy under anesthesia combined with muscle relaxants and oxygen insufflation. M. M. Grinev. Vest. otorin. no. 4:40-44 '61.

Intraosseous anesthesia in operations on the extremities. A. Abdugafurov. Med. zhur. Uzb. no. 9:50-53 S '61.

New anesthetic methods in otorhinolaryngology. A. G. Likhachev. Vest. otorin. no. 4:3-15 '61.

Potentiated anesthesia. L. P. Lebel'zon Zdravookhranenie 4 no. 5,46-47 N-D '61.

Potentiation in local and general anesthesia. I. A. Shinet, V. G. Zorin Nov khir. arkh no 1 95-98 Ja-F '60.

ANESTHESIA, SPINAL see Spinal anesthesia

ANESTHESIA IN DENTISTRY
Comparative evaluation of anesthetics for use in an orthopedic stomatological clinic E. A Kolesnikov. Probl stom. 5:363-366 '60

ANESTHESIOLOGY
Clinical use of noradrenaline in anesthesiology F. N. Kazantsev Vest. khir no 2 116-120 '60

ANESTHESIOLOGY—EQUIPMENT AND SUPPLIES
Centralization of the supply of oxygen and gaseous anesthetics in the operating room. A. IU Pashchuk. Ortop., travm i protez. no 12 45-46 '61.

Results of the clinical and laboratory tests of the A-33 anesthesia apparatus from the "Krasnogvardeets" Factory A M Serednitskii Nov khir. arkh no 3:72-75 My-Je '60.

ANESTHETICS
Use of curare and curarelike drugs in anesthesiology T. M. Darbinian, N. I. Krakovskii, A. D Arapov. Zdrav. Kazakh 21 no 5,73-77 '61

ANEURYSMS
Aneurysm of the maxillary artery. G. D. Papurov Vest. otorin no 2 101 '62.

Changes of venous pressure in aneurysm of the heart and its experimental resection [with summary in German] E. Ezeretis. Izv. AN Latv. SSR no. 12 75-80 '61.

Preparing patients for and the postoperative course in surgical treatment of cardiac aneurysms [with summary in English] R. N. Lebedeva, I. S. Kun, I. Z. Kozlov Sov. med 25 no 12:26-30 D '61

Relapses from traumatic arteriovenous aneurysms. O. B. Milonov. Nov. khir. arkh no. 1:75-77 Ja-F '60.

ANEURYSMS, AORTIC see Aortic aneurysms

ANGINA PECTORIS
Change in the hemodynamic indices in nitranol treatment of stenocardia R. N. Tushchitskaia. Zdrav. Bel 7 no 8:11-13 Ag '61.

Comparative evaluation of the curative action of domestic drugs in stenocardia F. IA. Rozenblat, S. S. Barats, N. I. Shcherba. Kaz med. zhur. no. 4:67-69 Jl-Ag '61.

Comparative therapeutic activity and effect of nitranol and nitroglycerin on the cardiovascular system in stenocardia E. I. Zharov Terap arkh no. 7:54-57 '61

Role of therapeutic measures in chronic tonsillitis and anginas in the compound treatment of rheumatic carditis [with summary in English]. L. I. Gefter. Terap. arkh. no 9,42-45 '61.

Use of nitrous oxide in stenocardia and myocardial infarction under first aid conditions [with summary in English]. V. S Belkin. Terap arkh no 12 51-56 '61.

ANGIOGRAPHY
Angiography in lung cancer. K. B. Krymova, A. P. Kuz'michev Grud. khir. no 5:81-88 '61.

Possibilities of pneumomediastinography and angiography of the lungs in determining the operability of lung cancer [with summary in English] L. A. Gurevich, M. L. Semenovskii. Vop onk 8 no. 1,5-12 '62

Selective angiopneumography in lung cancer [with summary in English] A. N. Novikov, S IA. Marmorshtein, A. Kh. Trakhtenberg. Vop. onk 8 no. 2:45-51 '62

Single stage arteriography of the blood vessels of the lower extremities [with summary in English]. V. R. Anakhasian. Khirurgiia no 2:48-51 '62

Tomography of the heart and large vessels. D. M. Abdurasulov, K. E. Nikishin, N. F. Mushenkova. Med. zhur. Uzb. no 11:20-24 N '61

ANGIOMA
Case history of multiple hemangiomas. V. A. Saburova. Kaz. med. zhur. no. 6:62-63 N-D '61.

ANGIOMATOSIS
Case of cystic hemangioma of the cerebellum (Lindau's tumor) with the presence of simultaneous metastasis of hypernephroma in the cerebellum [with summary in French]. R. George, F. Francise. Zhur. nevr i psikh. 61 no. 11:1644-1649 '61.

ANGIONEUROTIC EDEMA
Case of angioneurotic edema of the eye (Quincke). V. A. Paziuk. Kaz. med. zhur. no. 6:67-68 N-D '61.

ANGIOSPERMS
(see also subdivision under Caucasus)
Hermaphroditism of the flower of angiosperms. V. G. Aleksandrov, A. V. Dobrotvorskaia. Trudy Bot. inst. Ser. 7 no. 5:5-30 '62.

Main types of the development of angiosperms [with summary in English]. IU. G. Trinkler Bot. zhur. 47 no. 1:17-24 Ja '62.

ANGOLA—POLITICS AND GOVERNMENT
Angola Zhiv Mosk. Patr. no 1 56-58 Ja '62.

Land in fetters Albert Pin. Vokrug sveta no. 3:24-25 Mr '61

ANGREN VALLEY—COAL MINES AND MINING
Economical methods for the exploitation of Angren brown coal and kaolin deposits. P Savchenko. Nar. khoz Uzb 4 no 2:37-42 F '62

ANGREN VALLEY—KAOLIN
Economical methods for the exploitation of Angren brown coal and kaolin deposits P. Savchenko. Nar. khoz Uzb 4 no 2:37-42 F '62.

ANHYDRIDES
Oxidation of the anthracene-phenanthrene fraction in the production of anthraquinone, phthalic and maleic anhydrides. N. D Rushanova and others Koks i khim no 1 17-52 '62

ANIMAL INDUSTRY—EQUIPMENT AND SUPPLIES
Concerning the use of low-powered tractors in animal husbandry. V. Pakhomov Tekh v sel'khoz 22 no 1 30-32 Ja '62

ANIMAL INTELLIGENCE
Reactions of the lower monkeys to the color, shape, and size of objects. A. IA. Markova Vop antr no 6:44-56 '61

ANIMAL INTRODUCTION
Expediency of acclimatizing the Chinese perch (Siniperca chua-tsi) and Erythroculter erythropterus in waters of the European part of the U. S. S. R. T. L Kovalik Ryb. khoz. 38 no. 2:19-23 '62.

ANIMAL PHOTOGRAPHY see Photography of animals

ANIMAL POISONS see Venom

ANIMALS
Akimushkin, I. I. [Traces of unseen animals] Sledy nevidannykh zverei. Moskva, Gos. izd-vo geogr. lit-ry, 1961. 255 p. (Rasskazy o prirode)

ANIMALS, FOOD HABITS OF
Food in the life of animals. Kazuyo Shibuya. Agrobiologiia no 6 900-908 N-D '61

ANIMALS, HABITS AND BEHAVIOR
Grinevich, E. N. [Stories on animal life] Ocherki o zhizn' zverei. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 214 p.

Role of emotional excitation in the behavior of higher vertebrates [with summary in English] I. S. Beritashvili. Trudy Inst. fiziol. AN Gruz. SSR 12:19-53 '61

Ryzhikov, A. M. [In forests and groves] Po lesam i roshcham. [Moskva] Mosk. rabochii, 1961. 99 p.

ANIMALS AS CARRIERS OF DISEASE
Bondareva, N. V. [Diseases transmitted to man by animals; an aid to students at popular universities of health] Bolezni, peredaiushchiesia cheloveku ot zhivotnykh, v pomoshch' slushateliam narodnykh universitetov zdorov'ia. Minsk, 1961. 22 p. (Obshchestvo po raspi ostraneniiu politicheskikh i nauchnykh znanii Belorusskoi SSR, no. 25)

Preliminary results of studying natural foci of lymphocytic choriomeningitis in the western. A. I. Vigovskii, A. V. Gutsevich. Dokl. AN SSSR 140 no. 5:1223-1225 O '61.

ANIMALS IN ART
(see also subdivision under Kostenki)
Zoomorphic designs on pottery with stamped ornamentation from the potter's workshop in the potters' quarter of old Merv from the 12th to the beginning of the 13th century. S. B. Lunina Trudy TashGU no 172: 81-102 '60.

ANIONS
Analysis of the shape of the line of electron paramagnetic resonance applied to studying the density distribution of unpaired electrons in anions of certain polymers S. P. Solodovnikov, V. V. Voevodskii Opt. i spektr. 12 no. 1:32-36 Ja '62.

The role of anions in the liquefaction of types of clay. K. K. Kviatkovskaia, V. A. Chernov. Trudy NIIStroikeramiki no. 16:15-29 '60.

Various effects of cobalt salts, differing in their anions, on forage cabbage. A. I. Petrov. Trudy Kar. fil. AN SSSR no. 20:50-56 '61.

Vibrational spectra of silicates. Part 5. Silicates with bandlike anions. A. N. Lazarev, T. F. Tenisheva. Opt. i spektr. 12 no. 2:215-219 F '62.

ANISOIN
Synthesis of 1, 1, 2-tri-(p-anisyl)-2-chloroethylene from desoxyanisoin. L. N. Volovel'skii. Med prom. 15 no. 12:28-29 D '61.

ANISOLE
Alkylation of anisole by propylene and cyclohexene in the presence of BF_3. H_3PO_4. S. V. Zagorodnii, E. V. Alisova. Zhur. ob khim. 32 no 2:350-353 F '62.

ANISOTROPY

Anisotropy of thin ferromagnetic films M K Savchenko, N I. Sudakov, T. P. Izotova. Izv AN SSSR Ser fiz 26 no 2 314-317 F '62

ANKLE—DISLOCATION

Fracture and dislocation of the astralgus. A. F. Ryliuk Zdrav Bel. 7 no. 6,61 Je '61

ANKLE—FRACTURE

Treatment of open fracture-dislocations of the talocrural joint. IU. I Glebov, M N Farshatov. Ortop , travm. i protez. no. 1:49-52 '62.

ANKLEBONE—FRACTURE

Fracture and dislocation of the astralgus. A F Ryliuk, Zdrav. Bel. 7 no. 6 61 Je '61

ANKLEBONE—RADIOGRAPHY

Device for X-ray examination of the foot and the ankle joint in standard conditions V R Kochanov Vest rent i rad 36 no 6 43-44 N-D '61

ANKYLOSTOMIASIS see Hookworm disease

ANNEALING OF METALS

Investigating the darkening of nickel strips during annealing E S. Shpichinetskii and others Trudy Giprotsvetmetobrabotka no 20 125-135 '61

Mechanisms of the nucleation of graphitization centers during the low-temperature heating of white iron castings I. I. Khoroshev Izv vys ucheb zav ,chern met 5 no 1:171-176 '62

ANNELIDA

Aleksandr Il'ich Ul'ianov's work on the formation of segmental organs of fresh-water annelid worms. IU. I. Polianskii. Trudy Inst ist est i tekh. 41:3-15 '61.

Investigation of the formation of segmental organs of fresh-water Annulata. A. I. Ul'ianov Trudy Inst ist est. i tekh. 41,16-28 '61

ANNIVERSARIES

Calendar of noteworthy dates. V. N. Tikhomirov, G. Bogoiavlenskii, R. Shtil'mark Geog. v shkole 25 no. 2:88-90 Mr-Ap '62.

Commemorative dates in January-March, 1962; review no. 33. V. V. Tikhomirov, N A. Voskresenskaia. Sov geol. 5 no. 1:170-175 Ja '62

Leafing through the calendar. Klub 11 no 1:38-39 Ja '62

Leafing through the calendar. Kul't -pros rab 23 no 1 56-57 Ja '62

Looking up the calendar Kul't. -pros rab 23 no. 2: 60-61 F '62

Military calendar. Voen znan. 38 no. 1 40 Ja '62.

Military calendar. Voen. znan. 38 no. 2 40 F '62.

Military calendar. Voen. znan. 38 no. 3:40 Mr '62.

Noteworthy dates Nar. obr. no 2:127 F '62.

Noteworthy dates. Nar. obr. no. 3:127 Mr '62.

ANOSOVITE

Synthesis of anosovite and of solid solutions on the basis of a titanium sesquioxide lattice. V A Reznichenko, T. P. Ukolova Titan i ego splavy no. 5:80-84 '61.

ANOXEMIA

Change in the dynamics of the formation of electrical reactions in the visual analyzer in hypoxia. Mei-Lei Fiziol zhur 48 no. 1:11-15 Ja '62

Changes in the motor conditioned reflexes in man under conditions of hypoxic hypoxia and low barometric pressure [with summary in English] V. N. Alifanov. Zhur. vys. nerv. deiat. 11 no. 4:615-622 Jl-Ag '61.

Compensatory changes in the red blood in pulmonary insufficiency in siderosilicosis G. Kh. Lazidi, A. A. Koval'chuk. Gig truda i prof. zab 6 no. 1:58-61 Ja '62

Effect of iprazid on resistance to hypoxemia in mice. K. S. Shadurskii Zdrav Bel. 7 no 8:36-37 Ag '61.

ANTARCTIC REGIONS

The 50th anniversary of the discovery of the South Pole. Vest. AN SSSR 32 no. 3:108 Mr '62.

Kapitsa, A. P. [Is Antarctica a continent? Explorations of polar countries] Materik li Antarktida? Issledovaniia poliarnykh stran. Moskva, Izd-vo "Znanie," 1961. 43 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 12, Geologiia i geografiia, no. 10)

ANTARCTIC REGIONS—AERIAL EXPLORATION

In the land of ice armor (conclusion). A. Barabanov. Grazhd. av. 19 no. 11:20-22 N '61.

ANTARCTIC REGIONS—GEOLOGY, STRATIGRAPHIC

Absolute age of the crystalline basement of eastern Antarctica A. IA. Krylov, P. S. Voronov, IU. I. Slin. Doki. AN SSSR 143 no. 1:184-187 Mr '62.

ANTARCTIC REGIONS—GEOPHYSICAL RESEARCH—CONGRESSES

Fifth Conference of the Special Committee for Antarctic Research. IU. D Kalinin. Geomag. i aer. 1 no. 6: 1018-1019 N-D '61.

ANTARCTIC REGIONS—ICE

Oasis in an ice desert A. Gangnus. Tekh. mol. 30 no. 1 6 '62.

ANTARCTIC REGIONS—OCEAN TEMPERATURE

Estimation of the nature of heat convection and turbulent heat conduction as applied to the Antarctic circumpolar waters B A Tareev Okeanologiia 2 no 1 31-43 '62

ANTARCTIC REGIONS—RUSSIAN EXPLORATION

Means of transportation of Soviet Antarctic Expeditions IU. Arshenevskii Mor flot 22 no 3 42-45 Mr '62

ANTARCTIC REGIONS—SNOW—COMPOSITION

Chemical composition of snow in Antarctica according to observations along the Mirnyy-Vostok profile A. A Matveev. Gidrokhim. mat. 34:3-11 '61.

ANTARCTIC REGIONS—WHALING—RESEARCH

Research and fish-locating expeditions of the Baltic Scientific Institute of Maritime Fisheries and Oceanography from October 1960 through March 1961 Trudy BaltNIRO no. 7 196-198 '61.

ANTENNAS (ELECTRONICS)

Electromagnetic field and the input resistance of a turn with an infinitely long cylindrical ferrite core located in a conductive medium P P Pavlov. Radiotekh. i elektron 7 no 3 437-447 Mr '62

Radiation of electromagnetic waves by a helical ferrite antenna V. P Shestopalov, I. P IAkimenko, V. IA. Zdorovik Radiotekh i elektron 7 no 3 566-567 Mr '62

ANTHELMINTICS

Effectiveness of anti-ascariasis preparations. V. A. Molotkov. Zdrav Bel. 7 no 12:54-55 D '61.

ANTHOPHYLLITE

Formation of anthophyllite [with summary in English on pp. 482-483]. V. S. Sobolev. Min. sbor. no. 14:80-85 '60.

ANTHRACENE

Vinyl compounds in diene synthesis Report No 10 Interaction between divinyl ether and anthracene. M F Shostakovskii, A V Bogdanova, A. N. Volkov Izv. AN SSSR. Otd. khim. nauk no. 2 346-350 F '62.

ANTHRACENE—SPECTRA

Role of donor-acceptor interaction in the effect exerted by a solvent on the fluorescence spectra of certain anthracene and phthalimide derivatives. A. S. Cherkasov. Opt. i spektr. 12 no. 1:73-80 Ja '62.

ANTHRACENEDIACETIC ACID

Anthracene-9, 10-diacetic acid. A. E. Kretov, V. V. Litvinov. Zhur. prikl. khim. 35 no. 2:464-466 F '62

ANTHRACITE COAL

Studying the effect of blow air preheating on the efficiency of burning anthracite fines. P. I. Lavrov, A. N Kocherezhko. Zbir. prats'. Inst. tepl AN URSR no. 23: 23-36 '61.

ANTHRAQUINONE

Chemistry of 1, 4-dihydroanthraquinone. Part 1: Nitration of 1, 4-dihydroanthraquinone. V. I. Gudzenko Zhur. ob khim. 32 no 2:618-621 F '62

ANTHRAQUINONECARBOXYLIC ACID

Derivatives of anthraquinone. Part 1: Synthesis of chloro-substituted 2-anthraquinonecarboxylic acid. N. S. Dokunikhin, Z. Z. Moiseeva, S. N. Burenko. Zhur. ob khim. 31 no. 12:3985-3987 D '61

ANTHRAQUINONES

Oxidation of the anthracene-phenanthrene fraction in the production of anthraquinone, phthalic and maleic anhydrides. N D. Rus'ianova and others Koks i khim no 1:47-52 '62.

ANTHRAX

Influence of revaccination on immunological changes in animals vaccinated with complex vaccines [with summary in English]. S. L. Borod'ko, L. G. Samsonovich, Zhur. mikrobiol., epid i immun. 32 no. 9:42-47 S '61.

Some characteristics of the course of the cutaneous form of anthrax. I M. Naglev. Zhur. mikrobiol., epid. i immun. 32 no. 8:138 S '61.

ANTHROPOGEOGRAPHY see subdivision under Greece

ANTHROPOLOGICAL SPECIMENS—COLLECTION AND PRESERVATION

Methods for the conservation and packaging of paleoanthropologic material on the site. I. I. Gokhman. Krat. soob. Inst. etn. no. 36:100-102 '62.

ANTHROPOLOGY

(see also subdivision under Australia; Hungary; Soviet Central Asia)

Activities of the Institute and Museum of Anthropology of the Moscow University during the year 1960. Vop. antr. no. 8:155-156 '61.

Anthropologic types of the Russian people and their formation. V. V. Bunak. Krat. soob. Inst. etn. no. 36: 75-82 '62.

"Biannual review of anthropology" [in English] Reviewed by V. P Alekseev Vop antr. no 9 166-167 '61

"Biochemical individuality; the basis for the genetotrophic concept" by R. Williams. Reviewed by B. A Nikitiuk Vop. antr. no. 5:157-158 '60.

"Essays on the history of anthropology in Russia" by M. G. Levin. Reviewed by N. G. Zalkind Vop. antr no. 7:147-148 '61.

M V. Lomonosov's ideas in the development of Russian anthropology N G Zalkind. Vop antr no 8 5-10 '61

ANTHROPOLOGY—BIBLIOGRAPHY see Bibliography—Anthropology

ANTHROPOLOGY—CLASSIFICATION

An attempt to evaluate the difference between groups using the method of "generalized distance " M. V. Ignat'ev, A. V. Pugacheva. Vop antr. no. 8-11-26 '61.

ANTHROPOLOGY—CONGRESSES

"Collection of papers presented at the First Congress of Czechoslovak Anthropologists" [in Czech]. Reviewed by A. M. Uryson. Vop. antr no. 5.154-156 '60.

Conference of Czechoslovak anthropologists in 1959. M. Pospishil. Vop. antr. no. 5:140-141 '60.

Preparing for the Seventh International Congress on Anthropology and Ethnography V V Ginzburg, M G Levin, V P. IAkimov Arkh. anat gist i embr. 42 no 2 127-128 F '62

Sixth International Congress of the Anthropological and Ethnological Sciences (Paris, 1960). M. S. Akimova, V. I. Kochetkova, V. P. IAkimov. Vop. antr. no. 6:134-139 '61.

ANTHROPOLOGY—METHODOLOGY

"Anthropological practice" [in French] by Georges Olivier. Reviewed by V. V. Bunak. Vop. antr. no. 6:147 '61.

ANTHROPOLOGY—PERIODICALS

Bibliography of articles on anthropology and connected branches of science published in foreign periodicals during the years 1958-1959 Vop. antr no 8.172-174 '61.

ANTHROPOLOGY, PREHISTORIC see subdivision under Caucasus

ANTHROPOMETRY

Combined instrument for estimation of the weight and the height of infants B M Abramovich Vop antr no 8 126-129 '61

Correlation of the length of segments and the full length of the body according to skeletal measurements; comparative characteristics of two groups V. V. Bunak. Vop. antr. no. 7:41-65 '61.

The determination of metrical anthropological standards for various groups of athletes N IU. Lutovinova, M I Utkina. Vop. antr. no 8 83-87 '61.

Influence of the classification on evaluating the degree of connection between measurable signs IU. S. Kurshakova. Vop. antr. no. 7:119-132 '61.

Measuring the angles on the long bones of the skeleton. V G. Vlasovskii. Vop. antr. no 8 123-125 '61.

Methods for investigating correlative variability of body dimensions in children IU. S. Kurshakova. Vop. antr. no 8:99-106 '61

Some laws of the variability and correlation of the measurable signs in man and other mammals. IA IA. Roginskii. Vop. antr. no. 7:9-13 '61.

ANTIAIRCRAFT ARTILLERY

The best in our unit. V. Bozhenko. Voen. vest. 41 no. 10,81 O '61.

Desnitskii, G. S. [Sentinels of the air space above our country] Chasovye vozdushnykh prostorov rodiny. Moskva, Voen. izd-vo M-va oborony SSSR, 1961. 151 p.

Device for adjusting the line of sight. I. Petrov. Voen. vest. 41 no. 10.117-118 O '61.

The piece is in combat readiness but what about the carriage? I. Ivanov. Starsh -serzh. no. 11:20 O[i e N] '61

They kept their word. E. A. Babynin. Vest. protivovozd. obor. no. 10:46-49 O '61.

ANTIAIRCRAFT ARTILLERY—PROBLEMS, EXERCISES, ETC.

Problems for antiaircraft gunners. Starsh -serzh no. 10:20 O '61

ANTIAIRCRAFT GUNS

Antiaircraft artillery. V. Nadin. Voen. znan. 38 no. 3: 22-23 Mr '62.

ANTIBIOTICS

Action of antineoplastic antibiotics on the recurrences and metastases of transplanted tumors [with summary in English]. IU. N. Mol'kov. Vop. onk. 8 no. 2:22-24 '62.

Antibiotic of the litmocidin type [with summary in English]. A. K. Balitskaia, L. A. Vetlugina, U. A. Sartbaeva. Antibiotiki 7 no. 2:99-103 F '62.

Antibiotic properties of hops [with summary in English]. A. M. Kormushkina. Antibiotiki 7 no. 1:74-76 Ja '62.

Antibiotic treatment of experimental Staphylococcus and Proteus infections. Kh. A Kutdusova. Antibiotiki 7 no 1,58-60 Ja '62

Antibiotics in combination with gamma globulin in experimental pertussis infection of chicken embryos [with summary in English] A. E. Tebiakina, S. M. Chaikovskaia. Antibiotiki 6 no. 9,53-58 S '61

Antibiotics in combination with orthopedic measures in the treatment of pyorrhea alveolaris M R. Marei Probl. stom 5:87-91 '60.

Antimicrobial activity of furazolidone and antibiotics in experimental paratyphoid infection [with summary in English] L Alekseeva Izv AN Latv SSR no 12 85-90 '61.

At the Fifth International Biochemistry Congress (based on materials from the section on the Biochemistry of Antibiotics). T. A. Uspenskaia. Antibiotiki 6 no 12: 1128-1131 D '61.

Bronchography using a 10% solution of novocaine with antibiotics for anesthesia [with summary in English] I. S. Tapinskii. Grud. khir no 5:94-96 '61.

Change in the susceptibility of pyogenic staphylococci to certain antibiotics. N. N. Samoilovich Kaz. med. zhur. no. 4:60-62 Jl-Ag '61.

Characteristics of staphylococci isolated from patients treated with antibiotics [with summary in English] L. A. Gamaleia Antibiotiki 6 no. 9:79-82 S '61

Change in the correlation of protein fractions in the blood serum of immunized animals under the influence of antibiotics [with summary in English] N. V. Chumachenko, E. M. Sokolova. Antibiotiki 7 no 1:41-43 Ja '62.

Characteristics of the properties of antibiotic-resistant types of Brucella [with summary in English]. V. S. Uraleva. Antibiotiki 6 no. 9:46-51 S '61.

Comparison of the therapeutic effectiveness of monomycin, colimycin, mycerin and kanamycin in experimental infections caused by enteropathogenic intestinal bacilli [with summary in English]. S P Shapovalova Antibiotiki 7 no. 2 158-161 F '62.

Determining the sensitivity of Brucella to antibiotics using the paper disk method. K. D. Dzhalimov Med zhur. Uzb. no. 6:50-52 Je '60.

Detoxifying and distoxifying properties of mycerin in relation to tetanus and diphtheria toxins [with summary in English] V. N. Derkach Antibiotiki 6 no. 12: 1101-1104 D '61.

Development of drug resistance in colienteritis pathogens in in vitro experiments [with summary in English] A. D. Kovalenko. Antibiotiki 6 no. 9,62-65 S '61

Direct and indirect methods in selecting antitumor antibiotics. E. G. Toropova. Antibiotiki 7 no. 1:90-94 Ja '62.

Effect of antibiotic 0613 on the bodies of laboratory animals [with summary in English] L E Gol'dberg and others. Antibiotiki 7 no 2,168-174 F '62.

Effect of antibiotics and their combinations on the activity of antitoxic immunity in diphtherial anatoxin immunization [with summary in English]. T. M. Kokushina Antibiotiki 6 no. 12:1073-1079 D '61.

Effect of aurantin on human tumor strain cultures [with summary in English]. E. A. Timofeevskaia. Antibiotiki 7 no. 1:32-35 Ja '62.

Effect of some antibiotics on the course of aseptic inflammation [with summary in English] V. V. Bystrova. Antibiotiki 7 no. 1:52-56 Ja '62.

Effectiveness of treating dysentery with antibiotics in combination with iodinol [with summary in English]. E. P. Shuvalova. Antibiotiki 6 no. 12:1111-1114 D '61.

Experimental study in the use of monomycin in ophthalmological practice [with summary in English]. IU. F. Maichuk. Antibiotiki 7 no. 2:174-179 F '62.

Influence of acquired resistance to antibiotics on the viability of dysenterial bacteria. V. S. Cherevatyi. Zdrav. Kazakh. 21 no. 10:57-59 '61.

Intracavitory administration of antibiotics in gelatin capsules. S. S. Pavlov. Nov. khir. arkh no. 3:100 My-Je '60.

Late results of treating pulpitis in children with antibiotics. L. I. Pilipenko. Probl. stom. 5:160-162 '60.

Mechanism of the detoxicating effect of antibiotics. V. N. Derkach. Zdravookhranenie 4 no. 6:30-34 N-D '61.

New antibiotic preparations for infectious disease control. Z. V. Ermol'eva, E. N. Lazareva. Antibiotiki 6 no. 9: 10-16 S '61.

New medicinal preparations. Antibiotiki 7 no. 1:3 of cover Ja '62.

Ocheret'ko, F. I., and H. F. Bondarenko. [Antibiotics in stockbreeding] Antybiotyky u tvarynnytstvi. Kyiv, Vyd-vo Ukrains'koi Akad. sil's'kohospodars'kykh nauk, 1961. 131 p. (DA)

Phage and antibiotic treatment of experimental cholera [with summary in English]. A. G. Samova. Antibiotiki 7 no. 2:128-135 F '62.

Pharmacological properties of the antibiotic aurantin [with summary in English]. O. Sh. Dzhekseenbaev, N. A. Ozeretskovskii. Antibiotiki 6 no. 12:1070-1073 D '61.

Problem of eradicating and decreasing infectious disease morbidity. V. D. Timakov. Antibiotiki 6 no. 9:3-10 S '61.

Quantitative determination of the activity of antibiotic 26/1 by the agar-diffusion method [with summary in English]. V. N. Shatik. Antibiotiki 6 no. 12:1123-1127 D '61.

Rational antibiotic treatment of inflammatory diseases of the female genitalia V. N. Kirsanova. Kaz. med. zhur. no. 6:39 N-D '61

Relation of pathogenic microbes to antibiotics secreted by the microflora of the oral cavity [with summary in English] I. E. Demikhovskii Antibiotiki 7 no 1:71-74 Ja '62

Relationship between the distribution and activity of antibiotics in the body and the signs of their therapeutic and side effects. G. IA. Kivman Antibiotiki 6 no. 9:86-94 S '61.

Results of a primary evaluation [of the effect] of new antitumor antibiotics on various transplanted tumors in animals [with summary in English] V. A. Shorin, V. A. Liashenko. Antibiotiki 7 no. 1:27-31 Ja '62

Second International Symposium on Antibiotics and Chemotherapy. G. F. Gauze. Antibiotiki 6 no. 12 1131-1134 D '61

Sensitivity of freshly-isolated strains of typhoid bacilli to various antibiotics and their combinations [with summary in English] T. M. kokhanovskaia, G. O. Popova, I. N. Ulisko. Antibiotiki 6 no. 9:73-78 S '61.

Sensitivity of local strains of Salmonella pullorum to antibiotics. V. I. Sokolova. Veterinariia 39 no. 1,80-81 Ja '62.

Sensitivity of Proteus pyogenes to 11 antibiotics [with summary in English]. Z E Matusis. Antibiotiki 7 no. 2 140-142 F '62.

Side reactions of antibiotic treatment of infectious diseases [with summary in English]. A. I. Spektorova Antibiotiki 6 no. 9:61-67 S '61

Simplified key for determining the important sections and series of actinomycetes species which produce antibiotics I. Szabó, M. Marton. Antibiotiki 7 no. 1:3-11 Ja '62.

Some antiviral properties of the antibiotic mutomycin [with summary in English]. N. A. Bliumberg, L. D. Riabova. Antibiotiki 7 no. 1:35-39 Ja '62.

Some results of using antibiotics for treating infectious diseases [with summary in English] A. F. Bilibin, N. M. Gracheva Antibiotiki 6 no 9:16-26 S '61.

Stabilization of suspensions of spores and vegetative forms of microbes and their use in research on the activity of antibiotics [with summary in English] V. L. Shiriaeva Antibiotiki 7 no. 1:76-80 Ja '62

Study of the sensitivity of the tularemia pathogen and of some [types] of Pasteurella to antibiotics in vitro [with summary in English]. M. Hejzlar, B. Lukáš Antibiotiki 7 no. 2 135-140 F '62.

Therapeutic effect of colimycin in suppurative foci in rats [with summary in English]. V. S. Zueva. Antibiotiki 7 no. 1:80-85 Ja '62.

Treating acute mastitis by electrophoresis and antibiotics. V. S Chepovskii. Nov. khir. arkh. no. 1 84-87 Ja-F '60

Treating necrobacillosis in sheep with antibiotics. R. A. Akhmedzhanov. Veterinariia 39 no. 1:35-36 Ja '62.

Treatment of burns with BPS [with summary in English]. A. A. IArosh. Vrach. delo no. 1:100-102 Ja '62.

Treatment of diseases of the mouth by electrophoresis of antibiotics G. I. Khaikin. Zdrav Kazakh 21 no. 5: 30-31 '61.

Use of antibiotics and their combinations in experimental mixed infections with tularemia and listeriosis [with summary in English]. E. M. TSvetkova Antibiotiki 6 no 9:43-45 S '61.

Use of paper chromatography in the study of antibiotics. N. O Blinov, A S Khokhlov. Antibiotiki 7 no. 2:183-191 F '62.

Using Caryophanon latum as a test in selecting new antibiotics from actinomycetes [with summary in English]. L. P. Ivanitskaia. Antibiotiki 6 no. 12:1083-1085 D '61

ANTICOAGULANTS (MEDICINE)

Resistance and permeability of the blood vessels in anticoagulant treatment. I. V. Luk'innenko. Vrach. delo no. 1:146-148 Ja '62.

ANTICONVULSANTS

Chloracon - an anti-epileptic drug. G. N. Artemenko, N. V. Kaverina. Med. prom. 15 no. 12:57 D '61

Epileptic psychoses. Report No. 2: Dynamics of the clinical picture of epileptic psychoses under treatment with aminazine and reserpine in combination with anticonvulsant drugs. E. K. Molchanova. Vop. psikh. no. 4:78-89 '60.

Some characteristics of the neurodynamics of children suffering from epilepsy in the form of petit mal attacks, and the effect of epimide on them. T. P. Fuflygina. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. 8:117-126 '61.

ANTIGENS AND ANTIBODIES

Antigenic structure of 24 strains of parainfluenza virus type I Sendai [with summary in English]. Khou IUn'-de (Hou Yün-tê), A. S. Gorbunova. Vop. virus. 6 no. 6:691-697 N-D '61

Complement fixation reaction in 1/5 of the volume with the protein fraction of Treponema pallidum as an antigen. L. V. Sazonova. Lab. delo 8 no. 2:35-38 F '62.

Detection of antibodies to the brain in the blood serum of patients with neuropsychiatric diseases [with summary in French]. N. I. Kuznetsova, S. F. Semenov. Zhur. nevr. i psikh. 61 no. 6:869-875 '61.

Hemagglutination reaction with Brown-Pearce tumor antigens [with summary in English] R M Radzikhovskaia, A M Gardashtian Vop. onk. 7 no. 7,21-24 '61.

Heterogenic antigens of mouse carcinoma MAP. I. S. Bashkaev, M. N. Boeva Vop. onk 8 no 1:45-46 '62

Humoral immunity in A_2 influenza and its epidemiological significance. N. P. Korniushenko, L. N. Rybinskaia. Vrach. delo no. 1:107-112 Ja '62.

Specific changes in the antigenic properties of tissues caused by ionizing radiation A G Sverdlov Radiobiologiia 1 no. 6:905-906 '61.

Study of experimental rickettsioses using fluorescent antibodies. Report No. 3 Study of ticks for their infectivity with R. Burneti [with summary in English]. N I Amosenkova, R. B. Gol'din, A. B Diater. Vop. virus 6 no. 6 659 N-D '61

Use of fluorescent antibody method for studying the localization of influenza and parainfluenza virus antigens during the process of their multiplication in the cells [with summary in English]. V D Lotte, F M Kirillova Vop. virus. 6 no 6 656-664 N-D '61.

ANTIHYALURONIDASE

Simultaneous determination of three streptococcal antibodies — antistreptokinase, bacterial antihyaluronidase and antistreptolysin-O — in the blood serum in acquired heart defects E. P. Stepanian, M N Privalenko, M V. Petrosian Khirurgiia no 2 13-18 '62

ANTIMONY

Catalytic poisons in silicon-copper alloys. D. I Lainer, L A. Malysheva, L I Sotnikova. Trudy Giprotsvetmetobrabotka no 20 14-16 '61.

Heat capacity and heat content of compounds of antimony. A. N. Krestovnikov. Nauch. trudy MPI no. 12:93-100 '60.

Promoting silicon-copper catalysts by antimony. D. I. Lainer, L A Malysheva, L I Sotnikova. Trudy Giprotsvetmetobrabotka no 20 17-19 '61

ANTIMONY—ANALYSIS

Determination of thallium and antimony present simultaneously [with summary in English]. S. I. Gusev, L. A. Ketova. Zhur. anal. khim. 17 no. 1:137-139 Ja-F '62.

ANTIMONY ORES

Experimental radiometric assaying in an antimony mine. V. N. Balashov, A. K. Poliakov. Sov. geol. 5 no. 1:164-169 Ja '62.

Some relationships between mineralogical-geochemical and geological-structural characteristics of ore fields of the antimony-mercury complex. M A. Kerasik, G. A. Bulkin, A P. Bol'shakov Dokl AN SSSR 142 no 2 425-428 Ja '62.

ANTIMONY SELENIDE—THERMAL PROPERTIES

Thermal conductivity of antimony sulfide, selenide, and telluride. G. B. Abdullaev and others. Izv. AN Azerb. SSR. Ser. fiz.-mat. i tekh. nauk no. 5:55-63 '61.

ANTIMONY SULFIDE—THERMAL PROPERTIES

Thermal conductivity of antimony sulfide, selenide, and telluride. G. B. Abdullaev and others. Izv. AN Azerb SSR. Ser. fiz.-mat. i tekh. nauk no. 5:55-63 '61.

ANTIMONY SULFIDE CRYSTALS—OPTICAL PROPERTIES

Optical properties of Sb_2S_3 single crystals. A. F. Skubenko, S. V. Laptii. Fiz. tver. tela 4 no. 2:449-453 F '62.

ANTIMONY TELLURIDE—THERMAL PROPERTIES

Thermal conductivity of antimony sulfide, selenide, and telluride. G. B. Abdullaev and others. Izv. AN Azerb. SSR. Ser. fiz.-mat. i tekh. nauk no. 5:55-63 '61.

ANTIOXIDANTS

Effect of gamma rays and thermal processing on the destruction of antioxidants in lard [with summary in English]. V. I. Piul'skaia. Vop. pit. 21 no. 1:65-68 Ja-F '62.

Effect of the antioxidant propylgallate on the food value of fat [with summary in English]. N. D. Bukhman Vop pit. 21 no 1:68-72 Ja-F '62.

Research on the suppression of the development of plant tumors (crown gall) Cristofor I Simionescu Dokl. AN SSSR 143 no. 1:239-241 Mr '62.

ANTIPYRINE

Precipitation and extraction of gallium as halo compounds with bases of the antipyrine series [with summary in English]. A. I. Busev, L. M. Skrebkova. Zhur. anal. khim. 17 no. 1:56-59 Ja-F '62.

ANTIQUITIES see Archaeology; also subdivision 'Antiquities' under Chechen-Ingush A. S. S. R.; Crimea; Cuba; Emba Valley; Europe, Eastern; Fiji Islands; Goroshkov, White Russia; Ivanovo Province; Khmelevoye District; Kirovabad; Mesopotamia; Miskheta region; Novogrudok; Ossetia, North; Poland; Shemakha District; South Kazakhstan Province; Uzbekistan; Volga Hydroelectric Power Station (22d Congress of the CPSU) region; Vyazniki; Yaroslavl Province; Zhanaarkinskiy District

ANTIRETICULAR CYTOTOXIC SERUM

Treatment of lumbosacral radiculitis with antireticular cytotoxic serum. A. M. Briskman, I. I. Meshalkin. Vrach. delo no 1, 149-150 Ja '62

ANTISEPTICS

Studying the impregnation process of green wood with oily antiseptics in hot-and-cold bathes. I. I. Mazur. Nauch. soob. TSNIISK, no 17:105-126 '61

ANTISPASMODICS

Methyldiazil, methyldiphacil and their quaternary ammonium salts. S. F. Torf, N. V. Khromov-Borisov, M. L. Indenbom. Med. prom. 15 no. 12:19-25 D '61

ANTISTREPTOLYSINS

Simultaneous determination of three streptococcal antibodies — antistreptokinase, bacterial antihyaluronidase and antistreptolysin-O — in the blood serum in acquired heart defects. E. P. Stepanian, M. V. Privalenko, M. V. Petrosian. Khirurgiia no. 2:13-16 '62.

ANTITANK GUNS

Fuel. P. Andreiev. Ukraina no. 4:10-11 F '62

ANTITOXINS see Toxins and antitoxins

ANTROPOV, VALENTIN IAKOVLEVICH

Visit to a millionaire. A. Novichkov, N. Ushatikov. Nauka i zhizn' 28 no. 12:26-29 D '61

ANTRUM—DISEASES

Clinical aspects of chronic odontogenic highmoritis. E. D. Pokotilo. Probl. stom. 5:254-259 '60

Treatment of suppurative highmoritis. M. G. Zagarskikh. Zdravookhranenie 4 no. 6:23-25 N-D '61

ANTRUM—SURGERY

Medical procedure in the case of unintentional opening of the antrum. A. M. Solntsev, I. N. Vaisblat. Probl. stom. 5:260-267 '60.

Methods for endonasal section of Highmore's antrum. IA. I. Gekker. Zhur. ush., nos. i gorl. bol. 20 no. 6:88-89 N-D '60.

Treatment of chronic odontogenic highmoritis. E. D. Pokotilo. Probl. stom. 5:248-253 '60

ANTS

Brief comments. I. Khalifman. Agribiologiia no. 6:926-930 N-D '61

ANUCHIN, DMITRII NIKOLAEVICH, 1843-1923

First memorial session devoted to Academician, D. N. Anuchin. M. S. Voino. Vop. antr. no. 7:142-143 '61.

ANUS—ABNORMITIES AND DEFORMITIES

Case of operative treatment of atresia ani vestibularis. V. N. Pomosov, S. M. Mutalibov. Kaz. med. zhur. no. 6:63-64 N-D '61

Operative treatment of atresia of the anal orifice in adults. IU. I. Malyshev. Kaz. med. zhur. no. 6:64-65 N-D '61.

ANUS—SURGERY

Technic for the formation of a preternatural anus following extirpation of the rectum in cancer. A. S. Lurie. Vop. onk. 8 no. 1:30-32 '62

ANZAS REGION—TITANIUM

Geochemistry of titanium during the metasomatic process. G. A. Sokolov, D. I. Pavlov. Dokl. AN SSSR 142 no. 2:443-446 Ja '62

AORTA

Anatomical variants of the aortic arch and its branches [with summary in English]. M. M. Pavlova-Polinkova. Khirurgiia no. 2:51-55 '62.

AORTA—DISEASES

Changes in arterial and aortal walls at the earliest stages of arteriosclerosis. V. Kh. Anestiadi. Zdravookhranenie 4 no. 6:26-30 N-D '61

Thromboembolism of the aortal bifurcation as a complication following pneumonectomy. V. S. Bazhenov. Zdrav. Bel. 7 no. 8:44-45 Je '61.

AORTA—RADIOGRAPHY

A *new method* of lumbar aortography. I. A. Mutalibov. Dokl. AN Azerb. SSR 17 no. 11:1089-1092 '61

AORTA—SURGERY

Aortic suture for temporary prosthesis in an experiment. V. M. Grishkevich. Zdrav. Bel. 7 no. 12:23-28 D '61.

Suture and plastic surgery of the aorta; experimental study. IU. N. Krivchikov. Grud. khir. 4 no. 1:46-51 Ja-F '62.

AORTA—WOUNDS AND INJURIES

Asymptomatic presence of a foreign body in the esophagus terminated by aortic perforation. E. P. TSybina. Vest. otorin. no. 4:97-98 '61

Two cases of hemorrhage from the aorta in complicated trauma of the esophagus. V. F. Tetenova. Grud. khir. no. 5:110 '61.

AORTIC ANEURYSMS

Aneurysm of the aorta and its perforation in tuberculous spondylitis. V. T. Sviriakin, E. N. Varfolomeeva. Probl. tub. no. 2:101-102 '62

Rupture of a dissecting aortic aneurysm. M. T. Kudrin. Zdrav. Bel. 7 no. 12:26-28 D '61

Stratified aortic aneurysms. P. P. Kalynuk, M. D. Podil'chak. Nov. khir. arkh. no. 1:99-102 Ja-F '60

AORTIC VALVE

Surgical anatomy of the aortic valve [with summary in English]. A. M. Khiffein, M. I. Khudiakova. Grud. khir. no. 5:3-7 '61

AORTIC VALVE—DISEASES

Diagnosis of subvalvular stenosis of the aorta. M. V. Muravev, IU. S. Petrosian. Grud. khir. no. 5:7-12 '61

APARTMENT HOUSES

(see also subdivision under Erivan, Kiev, Krasnodar Territory, Ukraine, Uzbekistan, White Russia)

Cable-suspended and frame-suspended large-panel apartment houses. V. V. Nasedkin. Izv. vys. uchеb. zav., stroi. i arkhit. 4 no. 6:162-167 '61

Dwellings incorporating various apartment designs. V. Etenko. Zhil. stroi. no. 12:29-30 '61

Evaluation of methods of distributing housing construction. M. Vainberg, V. Lakhtin. Zhil. stroi. no. 12:2-3 '61

For further development of housing construction. Zhil. stroi. no. 12:1 '61

Large-panel construction in Voroshilovsk. IU. Shevchuk. Zhil. stroi. no. 12:22 '61

Let's put apartment houses on the conveyor belt. Z. Fisher. Zhil. stroi. no. 12:4-5 '61

The problem of evaluating the operational and residential qualities of apartments [with summary in English, p. 73]. L. V. Vasilenko. Visnyk AVIA URSR no. 4:10-15 '61.

APATITE

(see also subdivision under Inagli region)

Decomposition of apatite in fluosilicic acid and the preparation of monocalcium phosphate. S. IA. Shpunt and others. Khim. prom. no. 10:50-54 O '61.

APHASIA

Characteristics of the activity of the auditory analyzer in aphasia [with summary in English]. S. I. Kataeva, IA. A. Meerson. Zhur. vys. nerv. deiat. 11 no. 4:602-608 Jl-Ag '61.

Clinical investigations of the characteristics of aphasia *in a left-handed person* [with summary in French]. M. I. Botez, G. Calcaianu. Zhur. nevr. i psikh. 61 no. 6:826-828 '61

Rehabilitation of speech in brain disorders. Report No. 3. Rehabilitation of *speech in motor* aphasia. L. S. TSvetkova. Dokl. APN 5 no. 2:119-122 '61

APNOEA

Prolonged apnea caused by the use of listenon (succinylcholine chloride). N. V. Prakhov. Grud. khir. 4 no. 1:105-106 Ja-F '62

APOPLEXY

Temporary disability after a stroke. V. Vdovin. Sots. obesp. 23 no. 2:23-25 F '62.

APPELLATE COURTS

(see also subdivision under Germany, East)

How to improve the work of the Supreme Court of the U. S. S. R. V. *Kolesnikov*. Sov. iust. no. 3:6-7 F '62.

APPELLATE PROCEDURE

The appeal and review of court decisions on the establishment of legal facts. P. Elisеikin. *Obshchestv. nauki v Uz.* no. 2:33-39 '61.

APPENDECTOMY

Late results of resecting appendices lacking acute inflammatory changes. V. N. Litvinov. Zdrav. Kazakh. 21 no. 5:17-21 '61.

Potentiation of local anesthesia for appendectomy by injections of Zakharin's mixture. N. S. Timofeev. Nov. khir. arkh. no. 4:56-59 *Jl-Ag '60*

APPENDICITIS

Acute appendicitis in situs inversus viscerum. M. A. Kaliner. Vest. khir. no. 2:126 '62

Appendicitis in a pregnant woman with *situs inversus* of the intestines. I. A. Pokidko. Nov. khir. arkh. no. 4:106 Jl-Ag '60.

Appendicitis related to ascariasis in children. D. G. Ksenzov, A. G. Rabin. Sov. med. 25 no. 12:130-132 D '61

Case of a gastric trauma and acute appendicitis in a child. V. I. Chervonookii. Nov. khir. arkh. no. 4:105-106 Jl-Ag '60.

Case of left-sided appendicitis. M. N. Gurevich. Nov. khir. arkh. no. 4:105 Jl-Ag '60

Comparative frequency of *the respiratory* symptom of acute appendicitis. I. Rustamov. Zdrav. Turk. 5 no. 6:22-24 N-D '61.

Course and outcome of pregnancy in appendicitis. D. D. Braun. Feld. i akush. 26 no. 11:19-21 N '61.

Diagnosis and treatment of pylephlebitis, mesenteric phlebitis, arising as a result of acute appendicitis. I. F. Borodin. Zdrav. Bel. 7 *no. 12:30-31 D* '61

Diagnosis of acute appendicitis in infants. S. I. Kilonskii. Zdrav. Bel. 7 no. 12:32 D '61

Left strangulated inguinoscrotal hernia with gangrenous appendicitis. I. K. Zhukovskii. Zdrav. Bel. 7 no. 12:61 D '61.

APPENDICITIS—CASES, CLINICAL REPORTS, STATISTICS

Characteristics of the course of retrocecal appendicitis according to clinical data for a ten year period (1949-1958). R. A. TSeluiko. Med. zhur. Uzb. no. 11:54-56 N '61

APPENDIX (ANATOMY)

Torsion of part of the omentum simulating appendicitis in a patient with left-side location of the appendix. IU. M. Volobuev. Zdrav. Turk. 5 no. 6:25 N-D '61

APPENDIX (ANATOMY)—FOREIGN BODIES

Perforation of the appendix by a fish bone. S. IA. Epshtein, L. Madorskii. Zdrav. Bel. 7 no. 8:61 Ag '61

APPENDIX (ANATOMY)—INTUSSUSCEPTION

Rare case of invagination of the vermiform process [with summary in English]. V. S. Rukosuev. Arkh. pat. no. 2:80-82 '62

APPERCEPTION

Studying the mechanisms of simultaneous recognition. Report No. 1. Problem of simultaneous recognition. M. S. Shekhter. Dokl. APN 5 no. 2:67-72 '61.

Studying the mechanisms of simultaneous recognition. Report No. 2. Development of the initial recognition process. M. S. Shekhter. Dokl. APN 5 no. 5:97-103 '61

APPLE

(see also subdivision under Karelia)

Biosynthesis of ascorbic acid in the fruits growing on trees. D. S. Bulanovskii, E. A. Chikalova. Bot. zhur. 47 no. 1:121-123 Ja '62

Effect of animal protein, common salt and restrictive diet (apples) days on the hemodynamics in hypertension [with summary in English]. G. E. Sorokin. Vop. pit. 21 no. 1:22-29 Ja-F '62

APPLE—VARIETIES

Simirenko, L. P. [Pomology in three volumes; apple, pear, stone fruits] Pomologiia v trekh tomakh, iablonia, grusha, kostochkovye porody. Kiev, Izd-vo Ukrainskoi Akad. sel'khoz. nauk.
Vol. 1, [Apple] IAblonia. 1961. 578 p.
(DA)

APPLE BREEDING

Effect of weather methods of castration of flower buds and the time of pollination on the quality of ovaries, fruits, and seeds of the apple and pear. M. I. Lazikov. Agrobiologiia no. 6:914-916 N-D '61.

Hybrid of apple and quince. S. S. Kalmykov. Priroda 51 no. 2:121-122 F '62.

APPROXIMATE COMPUTATION

Convergence of the method of successive approximations for quasi-linear elliptic equations. A. I. Koshelev. Dokl. *AN SSSR* 142 no. 5:1007-1010 F '62

Existence *of a linear polynomial* operator affording the best approximation on a class of functions. N. P. Kornetchuk. Dokl. AN SSSR 143 no. 1:25-27 Mr '62.

Improving the estimate of the steepest descent method [with summary in English]. A. V. Buledza. Dop. AN URSR no. 2:150-153 '62.

Multiconfigurational approximation and its *convergence*. A. P. Iliisis and others. Opt. i spektr. 12 no. 2:157-162 F '62.

Weighted best approximation by rational functions on the entire real axis. G. S. Kocharian. Izv. AN Arm. SSR. Ser. fiz.-mat. nauk 15 no. 1:73-86 '62.

APRICOT—VARIETIES

October apricot. G. P. Rudkovskii. Priroda 51 no. 2:122 F '62.

APSHERON PENINSULA—GEOLOGY, *STRUCTURAL*

Features of the structural development of the Zyrya field. K. A. Ismailov, V. G. Idrisov. Azerb. neft. khoz. 40 no. 8:1-3 Ag '61.

APSHERON PENINSULA—GRASSES

Effect of different sowing times and types on the dynamics of carotene accumulation in some forage crops [in Azerbaijani with summary in Russian]. A. M. Mamedov. Dokl. AN Azerb. SSR 17 no. 11:1073-1076 '61.

APSHERON PENINSULA—NEMATODE DISEASES OF PLANTS

Brief account of results of an investigation of the root-knot nematode on the Apsheron Peninsula and measures for their control. S. I. Shipinova. Trudy AzSTAZRa 1:54-70 '60.

APSHERON PENINSULA—OIL WELL DRILLING

Relative efficiency of rotary and turbine drilling methods in the Zyrya field. S. M. Kuliev, N. N. Mamedov, A. G. Mdivani. Neft. khoz. 40 no. 1:12-17 Ja '62.

APSHERON PENINSULA—PETROLEUM GEOLOGY
Determination of oil recovery from horizons of the Fi-maski series in the Surakhany field. Ch. M. Sheidaev. Azerb. neft. khoz. 10 no. 8 3-6 Ag '61.

APSHERON PENINSULA—POTATOES—DISEASES AND PESTS
Potatoes on the Apsheron Peninsula, colls infested by root-knot nematodes. S. I. Shipinova, V. S. Tiroskova. Trudy AzSTAZRa 1 71-77 '60.

ARAB COUNTRIES—EDUCATION
Public education in the countries of the Arab East. O. Gurbanov. Nar. obr. no. 2 110-112 F '62.

ARAB COUNTRIES—FOREIGN RELATIONS—RUSSIA
Russia (1923- U. S. S. R.) Ministerstvo inostrannykh del. [The U. S. S. R. and Arab countries; documents and source materials] SSSR i arabskie strany 1917-1960 gg, dokumenty i materialy. Red. kollegiia sbornika V. IA. Sipols i dr. Moskva, Gos. izd-vo polit. lit-ry, 1961. 854 p.

ARABIA, SOUTHERN—HISTORY
Lundin, A. G. [Southern Arabia in the sixth century] Iuzhnaia Aravitia v VI veke. Moskva, Izd-vo Akad. nauk SSSR, 1961. 150 p. (Palestinskii sbornik, no. 8)

ARABIAN SEA—ZOOPLANKTON
Distribution of the zooplankton biomass in waters of the Arabian Sea and the Bay of Bengal during the period of monsoon change. L. A. Ponomareva, A. G. Naumov. Dokl. AN SSSR 142 no. 2 449-452 Ja '62.

ARAL SEA—NAVY
History of the Aral Sea Flotilla. M. IU. Uldashev. Obshchestv. nauki v Uz. no. 12 30-39 '61.

ARAL SEA REGION—GEOLOGY, STRATIGRAPHIC
Lower Paleogene deposits in the northern part of the Aral Sea region. E. M. Sokunova. Dokl. AN SSSR 142 no. 6 1378-1380 F '62.

ARBITRATION AND AWARD
(see also subdivision under Crimea, Ukraine)
Decisions of arbitration agencies. Sov. iust. no. 3 31 F '62.
Decisions of arbitration agencies. Sov. iust. no. 4:32 F '62.

ARC, ELECTRIC see Electric arc

ARC WELDING see Electric welding

ARCHAEOLOGICAL SURVEYING see subdivision under Khorezm Province, Tajikistan

ARCHAEOLOGY
(see also subdivision under Black Sea region, Don Valley; Korea, Latvia; Lithuania, Poland; Rustavi; Valuyki District; Volga Valley also subdivision 'Antiquities' under Chechen-Ingush A. S. S. R.; Crimea; Cuba; Emba Valley, Europe, Eastern; Fiji Islands; Goroshkov, White Russia; Ivanovo Province, Khmelevoye District, Kirovabad; Mesopotamia; Mtskheta region, Novogrudok, Ossetia, North; Poland; Shemakha District; South Kazakhstan Province, Uzbekistan, Volga Hydroelectric Power Station (22d Congress of the CPSU) region; Vyazniki, Yaroslavl Province; Zhanaarkinskiy District)
"Antiquities of our land" by N. IA. Merpert, D. B. Shelov. Reviewed by A. P. Smirnov. Sov. arkheol. 6 no. 1: 311-315 '62.
History of the utilization of minerals and rocks for primitive tools from the Stone Age to the Bronze Age, archaeological and mineralogical survey. V. F. Petrun', Nar. z ist. tekh. no. 7.88-98 '61.
"In search of vanished civilizations"; studies on archaeology of A. S. Amalrik, A. L. Mongait. Reviewed by N. N. Voronin. Sov. arkheol. 6 no. 1:309-311 '62.
Session dedicated to the work results of the State Hermitage for 1960. B. S. Sov. arkheol. 6 no. 1:343-344 '62.
"World prehistory" [in English] by Grahame Clark. Reviewed by A. IA. Brusov. Sov. arkheol. 6 no. 1: 305-309 '62.

ARCHAEOLOGY—CONGRESSES
The Seventh All-Union Archaeological Conference of Students. V. B. Vinogradov, O. A. Dudko. Sov. arkheol. 6 no. 1:346-347 '62.

ARCHAEOLOGY—METHODOLOGY
Principles and methods of dendrochronology. V. E. Vikhrov, B. A. Kolchin. Sov. arkheol. 6 no. 1:95-112 '62.
Tasks and possibilities of archaeological cartography. A. L. Mongait. Sov. arkheol. 6 no. 1:18-35 '62.

ARCHAEOLOGY—RESEARCH see subdivision under Bukhara Province

ARCHANGEL PROVINCE—LUMBERING
The great forest road. IU. Sokol. Vokrug sveta no. 4:8-9 Ap '61.

ARCHANGEL PROVINCE—MILITARY EDUCATION
When no one checks on the work. N. Timofeev. Voen. znan. 38 no. 3:21 Mr '62.

ARCHERY see subdivision under Buryat-Mongolia

ARCHES
Arches in the architecture of Uzbekistan. B. N. Zasypkin. Arkhit. nas. 13 139-168 '61.

ARCHITECTURAL INSCRIPTIONS see subdivision under Nakhichevan A. S. S. R.

ARCHITECTURE
(see also subdivision under Echmiadzin, Kazakhstan, Novgorod, Postavy, Riga, Rutul District, Termez, Uzbekistan, White Russia)
Gasiev, A. A. [How to look at architecture] Kak smotret' arkhitekturu. Moskva, Sovetskii khudozhnik, 1961. 56 p. (Besedy ob iskusstve, no. 6)
A "poem in stone." O. Ladyhina. Rab. i stroi. 37 no. 7: 14-15 Jl '61.

ARCHITECTURE—ABSTRACTS
[Journal of abstracts: Construction and architecture.] Ref. zhur. Stroi. i arkhit. no. 1 '62.

ARCHITECTURE—BIBLIOGRAPHY see Bibliography—Architecture

ARCHITECTURE—DESIGNS AND PLANS
Builders of virgin-land state farms must be provided with high quality designs and plans. A. Bykov. Nar. khoz. Kazakh. 20 no. 2:16-22 F '62.
Faster elimination of shortcomings in designing. Ekon. stroi. no. 2:46-51 F '62.
Improve designing organization. V. Dobretsov. Ekon. stroi. no. 2:52-54 F '62.
Improving the quality of designs. M. Krivosheev, K. Tomilin. Ekon. stroi. no. 2:56 F '62.
What hinders the shortening of time required for designing? A. Frenkel', N. Ivanov. Ekon. stroi. no. 2 54-55 F '62.

ARCHITECTURE, DOMESTIC
(see also subdivision under Uzbekistan)
["Model" plans for residential buildings in Russian cities during the 18th and 19th centuries] "Obraztsovye" proekty v zhiloi zastroike Russkikh gorodov XVIII-XIX vv. Pod red. V. N. Ivanova. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 204 p.
The tectonics of large-panel apartment houses. A. Tits. Stroi. i arkhit. 9 no. 12 10-12 D '61.

ARCHITECTURE, MODERN
Our attitude toward the architecture of capitalist countries. N. Kolomiets. Stroi. i arkhit. 9 no. 12:13-16 D '61.

ARCHIVES see subdivision under Leningrad

ARCHIVES—BIBLIOGRAPHY see Bibliography—Archives

ARCTIC OCEAN—WATER—COMPOSITION
Hydrochemical characteristics of the Arctic Basin. A. A. Musina. Trudy AANII 218:5-64 '60.

ARCTIC REGIONS
"On the other side of the night" by E. K. Ustiev. Reviewed by V. I. Lebedinskii. Priroda 51 no. 2:18 F '62.
Watch in Arctic Regions. B. Vdovenko. Kryl. rod. 13 no. 1:16b-16c Ja '62.

ARCTIC REGIONS—BRACHIOPODA, FOSSIL
Distribution of brachiopods in the Upper Paleozoic of the Arctic zoogeographical area. V. I. Ustritskii. Paleont. zhur. no. 3:3-13 '61.
Orulgania, a new genus of sperliorids from the Upper Paleozoic in the Arctic. R. V. Solomina, G. E. Cherniak. Paleont. zhur. no. 3:61-66 '61.

ARCTIC REGIONS—DESCRIPTION A
"We are from Igarka." Savva Koz no. 24:9-10 D '61.

ARCTIC REGIONS—MAGNETISM, T
Experimental evidence for the exist zone of magnetic disturbances in t A. P. Nikol'skii. Geomag. i aer. '61.

ARCTIC REGIONS—MOSSES
Abramova, A. L., L. I. Savich-Liub Smirnova. [Guide to the frondifer Arctic regions of the U. S. S. R.] G nykh mkhov Arktiki SSSR. Pod re Liubitskoi. Moskva, Izd-vo Akad. 714 p.

ARCTIC REGIONS—WEATHER—ME LOGICAL EFFECTS
Measures for the prevention of par in subjects living under Arctic co period of a polar night [with sumn Karkalitskii. Vop. pit. 21 no. 1:

ARGENTINA—POLITICAL CRIMES /
Intensification of reactionary perse ican continent. IU. B. Rad. pravc '62.

ARGILLITE see subdivision under

ARID REGIONS—RESEARCH
Biotic media and the problems of the development of agriculture of the arid regions of the U. S. S. R. [with summary in English] A. V. Kulinina. Bot. zhur. 46 no. 11:1574-1583 N '61.

ARITHMETIC—AUDIO-VISUAL AIDS
Arithmetic box. G. V. Vasil'ev. Nach. shkola 30 no. 3: 65 Mr '62.
Counting aid for the first ten numbers. G. F. Brandt. Nach. shkola 30 no. 3:64-64 Mr '62.
Visual aids for arithmetic lessons in primary grades. O. P. Konashevych. Rad. shk. 40 no. 2 52-54 F '62.

ARITHMETIC—PROBLEMS, EXERCISES, ETC.
Analysis and synthesis in solving simple arithmetic problems. F. M. Semenov. Nach. shkola 30 no. 3:52-58 Mr '62.
Arithmetic problems on the conquest of space. P. N. Karnitskii. Nach. shkola 30 no. 2 36-38 F '62.

ARITHMETIC—STUDY AND TEACHING
Correcting arithmetic homework. G. B. Polisk. Nach. shkola 30 no. 3:28-30 Mr '62.
Popova, N. S. [Didactic material on arithmetic for a grade 3 teacher's manual] Didakticheskii material po arifmetike dlia III klassa; posobie dlia uchitelei. Izd. 4., ispr. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 151 p.
Questions and answers. M. N. Rozanov, I. P. Glinskaia. Nach. shkola 30 no. 3:80-83 Mr '62.
Test of the experimental study of psychological laws under the conditions of teaching. Report No. 1. Analysis of a practical situation from the point of view of an assumed psychological law. B. B. Kossov. Dokl. APN 5 no. 3:65-68 '61.

ARM—FRACTURE
Consolidation of fractures of the bones of the forearm in children [with summary in English]. M. I. Trukhachev. Vest. khir. no. 2 79-82 '62.

ARM—WOUNDS AND INJURIES
Closed injuries of the biceps brachii. A. G. Eits, K. M. Boldin. Ortop., travm. i protez. no. 1 75-76 '62.

ARMAMENTS
Atlantic mechanism of the armament race. V. Dubrovin. Nov. vrem. 20 no. 10 4-6 Mr '62.

ARMAND, INESSA (STÉPHANE), 1875-1920
New data on Inessa Armand. A. E. Margarian. Vop. ist. no. 3:213-215 Mr '62.

ARMENIA—ADHESIVES
Carbamide glue resins. V. Vorobiev, IU. Lomov. Prom. Arm. 5 no. 2:51-54 F '62.

ARMENIA—ADMINISTRATIVE ECONOMIC COUNCILS
In the Economic Council of the Armenian S. S. R. Prom. Arm. 5 no. 1 68-69 Ja '62.
In the Economic Council of the Armenian S. S. R. Prom. Arm. 5 no. 2:63-65 F '62.

ARMENIA—AGRICULTURE
Basic phases of ancient Armenian agriculture. B. B. Piotrovskii. Ist.-filol. zhur. no. 3/4.106-121 '61.

ARMENIA—AUTHORS, WOMEN
Serbouhi Tyoussab [in Armenian with summary in Russian]. A. S. Sharurian. Ist.-filol. zhur. no. 3/4 166-180 '61.

ARMENIA—BEECH
Effect of the false heartwood on the growth of beech

ARMENIA—COSTS, INDUSTRIAL

Fulfillment of the production cost plan by the industrial enterprises of the economic councils of the Armenian S. S. R. B. Toniklan. Prom. Arm, 4 no. 12 25-29 D '61.

ARMENIA—CRANES, DERRICKS, ETC.

Efficient building and assembling cranes for housing construction. A. Ter-Israelian Prom Arm 5 no 2 24-27 F '62

Urgent need for a modernization of the obsolete types of tower cranes. G. Airapetian. Prom. Arm. 4 no. 12 38-39 D '61.

ARMENIA—CRYPTOGRAMS

Decipherment of some cryptograms [in Armenian with summary in English] A.G Abramian Ist -filol zhur no 3/4 210-218 '61

ARMENIA—ECONOMIC CONDITIONS

Entering the fourth year of the seven-year plan. E. Astsatrian. Prom. Arm. 5 no 1 6-11 Ja '62

Fulfilling of the gross-output production plan and of the growth rates of the industry of the Armenian Economic Council according to branch administrations during 1961 (in percents) Prom. Arm. 5 no 1 3 Ja '62

Fulfilling of the plan for the most important kinds of production by enterprises of the Armenian Economic Council during 1961 (in percents) Prom. Arm. 5 no 1 3-4 Ja '62.

In the Economic Council of the Armenian S. S. R. Prom. Arm. 4 no. 12 78-79 D '61.

ARMENIA—ELECTRIC FURNACES

Service life of carbide furnaces. P. Kazarian. Prom. Arm. 4 no. 12 40-44 D '61.

ARMENIA—ELECTRIC LINES—OVERHEAD

"Electric power transmission lines in the high mountains of Armenia" by D B Davidian Reviewed by E Kochubina Prom Arm 4 no. 12 83-84 D '61

ARMENIA—ELECTRIC MACHINERY INDUSTRY—SAFETY MEASURES

Pay greater attention to safety engineering. N. Khod'kin. Prom. Arm. 5 no. 1 19-21 Ja '62.

ARMENIA—ELECTRIC SWITCHGEAR

Cam "on and off" switches. G. Akopian. Prom. Arm. 4 no. 12:64-67 D '61.

ARMENIA—ELECTRIC WELDING

Automatic system for electric welding in a protective atmosphere of carbon dioxide N. Grigorov Prom Arm 5 no 2,27-29 F '62

ARMENIA—FARM BUILDINGS

Buildings for farm industry in Armenia (wineries, creameries, watermills) O Kh Khalpakhchian Arkhit. nas 13 67-130 '61

ARMENIA—FLOOR COVERINGS

Manufacture of polyvinyl floor coverings with the use of local fillers. M. Kazarian Prom. Arm. 5 no. 1:51-53 Ja '62.

ARMENIA—FOLK MUSIC

Some problems concerning the study of Armenian folk music [in Armenian with summary in Russian] R A. Ataian. Ist. -filol. zhur no. 3/4 39-57 '61.

ARMENIA—FURNITURE INDUSTRY

Tasks and needs of the furniture industry. G. Shaginian. Prom. Arm. 5 no. 2:19-22 F '62

ARMENIA—GOVERNORS (MACHINERY)

Contactless BMR-3 magnetic regulator. P. Erokin, G. Bondarev. Prom. Arm. 5 no. 1:34-36 Ja '62.

ARMENIA—HISTORIOGRAPHY

On the date when Movses Khorenatsi wrote the history of Armenia [in Armenian with summary in Russian]. Herant K Armen. Ist -filol zhur. no. 3 291-296 '61.

ARMENIA—HYDROELECTRIC POWER STATIONS

Change of the flow direction of the Arpa River into Lake Sevan and some problems in the operation of the Sevan-Razdan hydroelectric power plant cascade. V. Rostomian. Prom. Arm. 4 no. 12:17-22 D '61.

ARMENIA—INDUSTRIAL MANAGEMENT

Methods of organizing multimachine operations. A. Sargsian Prom Arm 5 no 2,22-23 F '62.

ARMENIA—INDUSTRIES

Improvement of the quality of production is a paramount political and economic task. Prom. Arm. 4 no. 12: 3-7 D '61.

News in brief. Prom. Arm. 5 no. 2:67 F '62.

ARMENIA—INDUSTRIES—BIBLIOGRAPHY

New books and information materials received by the scientific technological library of the Armenian economic councils. Prom. Arm. 4 no. 12:84-86 D '61.

New books and information materials received by the Scientific Technological Library of the Armenian Economic Council. Prom. Arm. 5 no. 1:75-78 Ja '62.

New books and information materials received by the technical and scientific library of the Economic Council of the Armenian S. S. R. Prom. Arm. 5 no. 2:72-74 F '62.

ARMENIA—INDUSTRIES—FIRES AND FIRE PREVENTION

Improve the fire protection of industrial enterprises. L. Sarkisian. Prom. Arm 5 no. 1:17-19 Ja '62.

ARMENIA—INSTRUMENT INDUSTRY

In the Scientific Technical Society of Armenian Instrument Manufacturers. S. Taraian Prom. Arm 5 no. 1 59-61 Ja '62.

ARMENIA—INSULATING OILS

Comparison evaluation of stabilization methods against the oxidation of transformator oils. V. Atoian, Sh Minasian. Prom Arm 5 no 2 29-32 F '62.

ARMENIA—IRON ALLOYS—MAGNETIC PROPERTIES

Obtaining alloys of the "Sendust" type directly from ores. G. Pogosian Prom. Arm. 4 no. 12 67-69 D '61.

ARMENIA—LABOR PRODUCTIVITY

Fulfilling of the plan for labor productivity in the industry of the Armenian Economic Council (in percents). Prom. Arm. 5 no 1 5 Ja '62.

ARMENIA—LAND TENURE

Land tenure and serfdom in eastern Armenia on the eve of her incorporation into Russia [in Armenian with summary in Russian] S S. Markosian Ist -filol. zhur no 3/4 245-272 '61.

ARMENIA—MACHINERY INDUSTRY

Plastics in machine manufacture. E. Simonian. Prom. Arm. 4 no. 12:56-60 D '61.

Problems of technological progress in the manufacture of machinery in Armenia. S. Minasian. Prom Arm 5 no. 2,7-10 F '62

ARMENIA—MANUFACTURES

News in brief. Prom. Arm. 4 no. 12:80 D '61.

News in brief. Prom. Arm. 5 no. 1:72 Ja '62.

ARMENIA—MAPS

[Atlas of the Armenian Soviet Socialist Republic] Atlas Armianskoi Sovetskoi Sotsialisticheskoi Respubliki Erevan, Akad nauk Armianskoi SSR, Erevan, Glav upr geodez i kartografii MG i ON SSSR, 1961. 111 p

ARMENIA—MIDDLE AGES

Municipal administration and self-government in medieval Armenia [in Armenian with summary in Russian] B N Arakelian Ist -filol. zhur no 3/4 58-81 '61

ARMENIA—MOLDING (FOUNDING)

New technology of manufacturing molds for coil casting. K. Asatrian Prom. Arm. 5 no. 1:36-38 Ja '62.

ARMENIA—NONFERROUS METALS

Recommendations of a conference. P. Alodzhants. Prom. Arm 5 no. 2:56-58 F '62

ARMENIA—ORE DEPOSITS

Role of the physicochemical properties of rocks in the localization of blind ore bodies and the basis for searching in them as revealed by pyrite deposits of northern Armenia S. U. Vartanian. Izv. vys. ucheb zav ,geol i razv 4 no. 12,75-84 D '61.

ARMENIA—PLASTICS

Prospects of the use of plastics by the Armenian economy. R. Karlov Prom. Arm. 4 no. 12:13-16 D '61.

ARMENIA—PLUM—DISEASES AND PESTS

Biology of the plum moth (Laspeyresia funebrana Tr.) and measures for its control in Armenia A O Arakelian. Izv. AN Arm. SSR Biol. nauki 15 no 1,77-86 Ja '62.

ARMENIA—POWER RESOURCES

Fuel and power balance in the Armenian industry. L. Kuloian. Prom. Arm 5 no 2:11-16 F '62.

ARMENIA—PRECISION CASTING

Precision casting. E. Kocharian, R. Likhtiarova. Prom. Arm. 4 no. 12:45-48 D '61.

ARMENIA—PUBLIC HEALTH

"Public health in Soviet Armenia" by S Nanasian, R. Parsadanian and A Khrimian. Reviewed by A. B. Aleksanian. Sov. zdrav. 21 no 1 79-80 '62.

Public health in the Armenian S. S. R. for the last 40 years. R. S. Parsadanian. Med. zhur. Uzb no. 0:72-73 S '61

ARMENIA—QUARRIES AND QUARRYING—EQUIPMENT AND SUPPLIES

Valuable proposal. N. Grigorov. Prom. Arm. 4 no. 12: 53-54 D '61.

ARMENIA—RECORDING INSTRUMENTS

Counter for measuring fabric pieces. Prom. Arm. 4 no. 12:51-53 D '61.

ARMENIA—RESEARCH, INDUSTRIAL

In the Armenian House of Technology. Prom. Arm. 5 no. 2:65-67 F '62.

ARMENIA—SALVAGE

Did the law of salvage exist in feudal Armenia? [in Armenian with summary in Russian]. G. E. Giulamirian. Ist. -filol. zhur. no. 3/4:181-194 '61.

ARMENIA—SEISMOLOGY

Periodicity of seismic activity during the past 1500-2000 years (exemplified by Armenia). G P. Tamrazian Izv AN SSSR. Ser. geofiz no. 1:76-85 Ja '62.

ARMENIA—TECHNICAL EDUCATION

In the Armenian House of Technology. Prom. Arm. 5 no 1 70-72 Ja '62.

ARMENIA—TECHNICAL SOCIETIES

Second Plenum of the Armenian Republic Council of the Scientific and Technical Society Prom. Arm 5 no 2: 67-68 F '62

ARMENIA—TECHNOLOGICAL INNOVATIONS

In the Armenian House of Technology. Prom. Arm. 4 no. 12:81-82 D '61.

In the Armenian House of Technology. Prom. Arm. 5 no 1 70-72 Ja '62.

ARMENIA—TECHNOLOGY—INFORMATION SERVICES

Current issue of the collection of scientific and technical publications Reviewed by L. Shakhkamian, A. Tvangulov Prom Arm 5 no. 2,70-72 F '62

ARMENIA—TEMPERATURE REGULATORS

Automatic regulation of temperature conditions in polymerization. G. Panolan Prom. Arm. 5 no. 1: 45-16 Ja '62

ARMENIA—TEMPLES

The Temple of Peighni [in Armenian with summary in Russian]. S. Kh Mnakatsanian. Ist. -filol. zhur. no 3/1:219-237 '61.

ARMENIA—ULTRASONIC WAVES—INDUSTRIAL APPLICATIONS

Use of ultrasonic waves for the intensification of cleaning processes of machinery parts. O. Alaverdian, S Ratian. Prom. Arm. 5 no 1:54-56 Ja '62.

ARMENIA—VOLCANIC ASH, TUFF, ETC.

Building mortars made with scoriae. V. Saakian. Prom. Arm. 5 no. 1 38-43 Ja '62.

Manufacture of polyvinyl floor coverings with the use of local fillers. M. Kazarian Prom. Arm. 5 no. 1:51-53 Ja '62.

ARMENIA—VOLTAGE REGULATORS

Two circuits of electronic a.c. voltage regulators. G. Akopian. Prom. Arm. 5 no. 1:29-34 Ja '62.

ARMENIA—WAGES

Use on large scale of technically justified standards in production. S. Arutiunian. Prom. Arm. 5 no. 1:21-24 Ja '62.

ARMENIA—WATER GAS

Some problems in the utilization of synthesis gas. M. Khachaturov. Prom. Arm. 5 no. 1 25-29 Ja '62.

ARMENIA—WINE AND WINE MAKING

Aged "Biurakan" wine. N. Nikolaev. Prom. Arm. 5 no 2:39 F '62.

ARMENIAN LANGUAGE—ADVERB

Adverbs of general meaning in the Armenian language [in Armenian with summary in Russian]. A. N. Kokhchian. Ist. -filol. zhur. no. 3/4 195-209 '61

ARMENIAN LANGUAGE—TRANSLITERATION INTO RUSSIAN

Vartapetian, N. A. [Guide to Russian transcription of Armenian given and family names, and geographic names] Spravochnik po russkoi transkriptsii armianskikh imen, familii i geograficheskikh nazvanii. Erevan, Armianskoe gos. izd-vo, 1961. 120 p.

ARMENIAN NAMES see Names, Armenian

ARMENIAN PAINTERS see Painters, Armenian

ARMENIAN POETRY—TRANSLATIONS INTO RUSSIAN

Grigor'ian, K. N. [V. IA. Briusov and Armenian poetry] V. IA. Briusov i armianskaia poeziia. Moskva, Izd-vo vostochnoi lit-ry, 1962. 132 p.

ARMIES see also subdivision 'Army' under Latvia; Poland; Russia; United States

ARMORIES see subdivision under Tula

ARMS AND ARMOR see subdivision under Germany, West

AROMATIC COMPOUNDS

Inactivation of the triplet state in aromatic molecules. A. N. Terenin, V. L. Ermolaev. Izv. AN SSSR. Ser. fiz. 26 no. 1:21-29 Ja '62.

Reaction of addition of aromatic derivatives to vinylmethyldichlorosilane. K. A. Andrianov, A. A. Zhdanov, V. A. Odinets. Zhur. ob khim. 31 no 12:4033-4036 D '61

Reaction of silicon hydrides with aromatic compounds in the liquid phase in the presence of boron trichloride. E. A. Chernyshev, E. V. Vangnits. Zhur. ob. khim. 32 no 1:24-29 Ja '62.

AROMATIC PLANT PRODUCTS see Essences and essential oils

AROMATIZATION

Catalytic dehydrocyclization of 2-n hexyl- and 2-sec hexylnaphthalenes N I Shutikin and others. Izv. AN SSSR Otd khim nauk no 2 327-333 F '62

Dehydrocyclization of n-heptane over rare earth oxides. Kh. M. Minachev, M A. Markov, O K Shchukina. Neftekhimiia 1 no. 5,610-612 S-O '61.

ARPA-CHAY RIVER—REGULATION

Change of the flow direction of the Arpa River into Lake Sevan and some problems in the operation of the Sevan-Razdan hydroelectric power plant cascade. V. Rostomian. Prom. Arm. 4 no. 12 17-22 D '61.

ARRHYTHMIA

Clinical phonocardiographic observations in disorders of the heart rhythm and its conductivity in children [with summary in English]. M K Oskolkova, T I Ternova Pediatriia 11 no 3 26-33 '62

Paroxysmal form of cardiac fibrillation in patients with atherosclerotic cardiosclerosis [with summary in English] Z. M. Volynskii, V. S. Solov'ev Terap arkh no 7:10-16 '61

ARSENIC—ANALYSIS

Amperometric determination of tri- and pentavalent arsenic in ores V A. Zakharov, A P. Volloshnikova, O. A Songina Zav. lab 28 no 1 27-28 '62

ARSENIC CHLORIDE

Reaction of difluoroacetates with arsenic, arsenic trichloride, and nitrosyl chloride M A Raksha, N.N. Iarovenko Zhur ob. khim. 32 no 1:273-274 Ja '62.

ARSENIC SELENIDE—ELECTRIC PROPERTIES

Electric and photoelectric properties of arsenic selenide films. B T. Kolomiets, V M. Liubin Fiz tver. tela 4 no. 2 401-406 F '62.

ARSENIC SELENIDE—SPECTRA

Absorption spectra of glass of the system As_2S_3—As_2Se_3. A. Vashko and others. Opt. i spektr 12 no 2:275-277 F '62.

ARSENIC SULFIDE

Polysulfides of arsenic and phosphorus. V V. Illarionov, S. V. Mel'nikova, A. I. Soklakov. Dokl AN SSSR 142 no. 2, 358-360 Ja '62

ARSENIC SULFIDE—SPECTRA

Absorption spectra of glass of the system As_2S_3—As_2Se_3. A. Vashko and others. Opt. i spektr. 12 no 2:275-277 F '62.

ART

(see also subdivision under Uzbekistan; Vologda)

Brief notes. Iskusstvo 25 no 1:78-80 '62.

Expedient and beautiful. I. Chabanenko. Nauka i zhyttia 11 no. 1, 53-54 Ja '62.

Kovalenskaia, N. N. [History of 18th century Russian art] Istoriia russkogo iskusstva XVIII veka. [Moskva] Izd-vo Mosk univ., 1962. 284 p. illus.

Lohvins'ka, L. P., and L. M. Sak. [Contemporary fine arts of capitalist countries] Suchasne obrazotvorche mystetstvo kapitalistychnykh krain Kyiv, 1961. 45 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 8, no. 19)

Obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii RSFSR. [Art and the audience] Iskusstvo i zritel'. Leningrad.
No. 1, 1961, 315 p.

ART—BIBLIOGRAPHY see Bibliography—Art

ART—DICTIONARIES

"Concise dictionary of terms used in the fine arts." Reviewed by A Kantor, V. Sergeev. Iskusstvo 25 no. 1 85-70 '62.

ART—PERIODICALS

Looking over foreign periodicals . . Iskusstvo 25 no. 1: 75-77 '62.

ART—STUDY AND TEACHING

We are from the People's Art College Kul't.-pros. rab. 23 no. 1 4-12 Ja '62

ART, AFRICAN

A culture, ancient and rich. V. Iordanskii. Vokrug sveta no. 4:12-16 Ap '61.

ART, DECORATIVE see subdivision under Buryat-Mongolia

ART, EGYPTIAN

Mat'e, M. E. [Art of ancient Egypt] Iskusstvo Drevnego Egipta. [Leningrad, Gos izd-vo "Iskusstvo, 1961] 591 p.

ART, LITHUANIAN

[Yearbook of literature and art for 1961] Literatures ir meno metraštis, 1961. Vilnius, Valstybine grozines literaturos leidykla, 1961. 380 p. [In Lithuanian]

ART AND COMMUNISM see Communism and art

ART AND INDUSTRY

Industrial aesthetics come to the shop. R. F. Godelaitis. Mashinostroitel' no. 2:36-37 F '62.

ART AND LITERATURE

Skatershchikov, V. [The literary image in art] Khudozhestvennyi obraz v iskusstve Moskva, Gos. muzykal'noe izd-vo, 1961. 27 p. (V pomoshch' slushateliam universiteta kul'tury)

ART AND RELIGION

Art and religion. D Ubrynovych Voiov. ateist no 2 51-54 F '62

ART GALLERIES AND MUSEUMS

(see also subdivision under Leningrad)

[Russian paintings in museums of the R.S.F.S.R.] Russkaia zhivopis' v muzeiakh RSFSR Moskva, Gos. izd-vo izobraz. iskus. (Khudozhestvennye sokrovishcha SSSR)
Vol. II, 1961 [16] p 40 plates.

ART INDUSTRIES

(see also subdivision under Leningorsk, Sochi)

Artistic crafts. L. Perettiagina, E. Golovastov Mest prom i khud. promys 3 no 1 33-34 Ja '62

Important regulation of the statutes of the CPSU S Ivanov Mest prom i khud. promys. 3 no 1 17 Ja '62

ART INDUSTRIES—EXHIBITIONS

The Japanese people stand in admiration N Koroleva. Mest prom i khud promys 3 no 1 34-35 Ja '62

ART INDUSTRIES, BURYAT

Questionnaire for collecting materials on the applied folk art of the Buryats P. P. Khoroshikh. Etn sbor. no. 1 127-129 '60.

ART OBJECTS

(see also subdivision under Easter Islands)

Razina, T. M. [Russian enamels and filigree] Russkaia emal' i skan'. Moskva, Gosmestpromizdat, 1961. 35 p. illus.

ARTASHAT—COTTON INDUSTRY—FIRES AND FIRE PREVENTION

In the Artashat cotton gins A Sarkisian Pozh. delo 8 no 2 28 F '62.

ARTEM, pseud. see Sergeev, Fedor Andreevich, 1883-1921

ARTEM ISLAND—OIL WELL DRILLING, SUBMARINE

Offshore oil workers are striving for oil recovery. E Grigor'ian Neftianik 7 no 2 5 F '62

ARTERENOL

Clinical use of noradrenaline in anesthesiology F. N. Kazantsev Vest khir no. 2 116-120 '62

Effect of reserpine and hypothiazine treatment on urinary excretion of catechol amines in hypertension [with summary in English]. V. V. Men'shikov Terap. arkh. no. 9:12-16 '61.

ARTERIES—DISEASES

Activation of the mesenchymal reaction in endarteritis obliterans. V. A. Brusentsova. Vest. khir. no 12: 82-85 '61.

Carbohydrate metabolism in endarteritis obliterans G. A. Aslanian Nov. khir. arkh no 4:81-85 Jl-Ag '60

Changes in arterial and aorial walls at the earliest stages of arteriosclerosis. V. Kh. Anestiadi. Zdravookhranenie 4 no 6 26-30 N-D '61.

Compensatory mechanisms of the vascular system in endarteritis obliterans [with summary in English]. M. Sh. Shabanov. Vest. khir. no. 12;37-44 '61.

Intra-arterial infusion of a special combined solution in the compound treatment of endarteritis [with summary in English]. G. G Karavanov, I V. Mazur. Khirurgiia no. 2:35-40 '62.

Intravenous drip administration of a novocaine solution in the treatment of endarteritis obliterans. I. S. Vasilenko. Nov. khir. arkh no 4:74-79 Jl-Ag '60

Intravital diagnosis of periarteritis nodosa. A. V. Kirilenko. Sov. med. 25 no. 12;128-129 D '61.

Method of combined treatment of late stages of endarteritis obliterans. M. P. Vilianskii, IU. M. Gal'perin. Nov. khir. arkh no. 4:112 Jl-Ag '60.

Operations on the arteries in some forms of endarteritis obliterans. N. I. Krakovskii. Grud. khir. 4 no 1: 59-63 Ja-F '62.

Regular features in the development of obliterations of arteries of the lower extremities in endarteritis obliterans. M. Sh. Shabanov, A. B. Dairov. Zdrav. Kazakh. 21 no. 5;21-23 '61.

The "shoe symptom" - an easily detectable sign of sweat secretion disorders in endarteritis obliterans. IU. S. Kostiasyn. Vrach. delo no. 1;75-76 Ja '62.

Thrombosis of major arterial stems. N. I. Gerasimenko, L. A. Shvedenko. Vrach. delo no. 1;140-141 Ja '62.

Treatment of endarteritis obliterans by subcutaneous administration of novocaine and blood transfusions. I. I. Khozhainov, I. I. Bulynin, M. D. Lapin. Nov khir. arkh. no. 4;78-81 Jl-Ag '60

ARTERIES—SURGERY

"Lavsan" is a friend of the surgeon. I. Druzhinin. Mest. prom. i khud. promys. 3 no. 2:12-13 F '62

Operations on the arteries in some forms of endarteritis obliterans. N. I. Krakovskii Grud. khir. 4 no. 1: 59-63 Ja-F '62.

Oxygen saturation of the blood in tetralogy of Fallot during surgery for suturing an intra-arterial anastomosis in hypothermia [with summary in English] R. S. Vinitskaia, T. M. Darbinian. Grud khir. no. 5, 12-48 '61

Plastic surgery of the peripheral arteries with lavsan prostheses of Soviet manufacture [with summary in English] M I Lytkin, L V. Lebedev Khirurgiia no. 2: 40-48 '62

Replacement and shunting of the peripheral large arteries by a homonymous vein proper without separating it from its beds [with summary in English] A. A. Shalimov Vest khir. no 12;44-49 '61

ARTERIOSCLEROSIS

(see also subdivision under Petrozavodsk)

"Atherosclerosis (problems of its etiology and pathogenesis and their application to the clinic)" by B. V. Il'inskii. Reviewed by L. M. Rakhlin. Kaz med zhur. no. 6 78-80 N-D '61

Changes in arterial and aorial walls at the earliest stages of arteriosclerosis V Kh. Anestiadi Zdravookhranenie 4 no 6:26-30 N-D '61

Chief results of the research carried out in the Department of Pathological Anatomy in the Institute of Experimental Medicine of the Academy of Medical Sciences of the U.S.S.R. on the problem of arteriosclerosis. N.N. Anichkov Vest. AMN SSSR 16 no 11 29-40 '61

Correlation of α- and β-lipoproteins in the blood serum in atherosclerosis of the coronary vessels and hypertension according to the stages of the diseases. L. P. Bodnar' Vest AMN SSSR 16 no 12;40-43 '61.

Data on the effect of pharmacological agents on cholesterol metabolism and the content of lecithin in the blood (the pharmacotherapy of atherosclerosis). N. A. Kharazov. Vest AMN SSSR 16 no. 11:40-47 '61.

Early diagnosis of arteriosclerotic cardiosclerosis in flyers V. N Rusanov Voen -med. zhur. no 8:56-59 Ag '61

Method for luminescent analysis of atherosclerosis [with summary in English]. V. Kh Anestiadi. Arkh pat no 2 33-37 '62

Neurohumoral regulation of the cardiovascular system in experimental arteriosclerosis [with summary in English]. Z. I. Bushmakina and others. Vrach. delo no. 1 3-11 Ja '62.

Pathogenesis of experimental atherosclerosis in dogs. Biochemical, functional and morphological studies on dogs with different degrees of hypercholesterinemia. V. N. Vinogradov, N. L. IAstrakhtseva, K. A. Gorinak Vest AMN SSSR 16 no. 12;43-54 '61.

Studying the pathogenesis of atherosclerosis by histochemical determination of esterases and lipases. B B Fuks and others Dokl. AN SSSR 143 no. 1 245-248 Mr '62.

Use of novocaine in cerebral arteriosclerosis. S. V. Litovchenko, N. S. Gavrilchik, E. G. Sabitova. Vrach. delo no. 1 68-72 Ja '62.

Vascular transplantation in arteriosclerosis obliterans. M. P. Vnvilin, E. M. Khodiev Med. zhur. Uzb. no. 11: 28-29 N '61.

ARTHRITIS, RHEUMATOID

Excretion of 17-ketosteroids with the urine in mud bath and rheopyrine treatment of infectious nonspecific (rheumatoid) arthritis at the Muyaldy Health Resort. P. M. Vaintswaig. Zdrav. kazakh 21 no 5:44-47 '61.

ARTIFICIAL FEEDING see Feeding, Artificial

ARTIFICIAL HIBERNATION

Oxygen saturation of the arterial blood in surgery of malignant tumors of the upper respiratory tract using a lytic cocktail in association with local anesthesia [with summary in English] E. N. Medvedevskii Vest. otorin. no. 4:27-31 '61

Use of local anesthesia in association with neuroplegia in some otolaryngological operations [with summary in English] I. B. Riman. Vest. otorin. no. 4:21-27 '61.

ARTIFICIAL HORIZONS (AERONAUTICAL INSTRUMENTS)

Gyro horizon with a fluid correction. I. IA. Starikov. Izv. vys. ucheb. zav. ;prib. 5 no. 1:85-86 '62

ARTIFICIAL INSEMINATION

Milovanov, V. K., and others. [Operating methods of stations for the artificial insemination of farm animals] Tekhnologiia raboty stantsii po iskusstvennomu osemeneniiu sel'skokhoziaistvennykh zhivotnykh. Moskva, Izd-vo M-va sel'. khoz. RSFSR, 1961. 145 p. (DA)

Treatment of surface lesions of the penis in studs. A. I. Semenishchev. Veterinariia 39 no. 1:56-57 Ja '62.

ARTIFICIAL KIDNEY

By joint efforts. G. Alova. Nauka i zhizn' 28 no. 12:38 D '61.

Some morphological changes arising in dogs following the use of the "artificial kidney" apparatus [with summary in English] B. G. Goldina, E. B. Gorbovitskii. Arkh pat no. 2:70-77 '62

ARTIFICIAL SATELLITES

[Results of observations of American artificial earth satellites] Rez. nabl. amer. isk. sput. Zem. nos. 1-7. '61

ARTIFICIAL SATELLITES—TRACKING

[Results of observations of Soviet artificial earth satellites.] Rez. nab. sov. isk. sput. Zem. nos. 41-43 '61.

ARTILLERY

Success of fire for the motherland. Starsh.-serzh. no. 11 10 O '61.

ARTILLERY—PROBLEMS, EXERCISES, ETC

[illegible] Sazonov. Voen. [illegible] 41 no. 10 [illegible] O '61.

ARTILLERY, FIELD AND MOUNTAIN

[illegible] N. Enishev. Voen. vest. 41 no. 10 [illegible] O '61.

[illegible] I. Shatilov. [illegible] 7-71 O '61.

[illegible] Voen. vest. 41 no. 10 [illegible] O '61.

[illegible] N. Tikhonov. Starsh.-[illegible] no. 11 O '61.

ARTISTIC ANATOMY -see Anatomy, Artistic

ARTISTIC PHOTOGRAPHY see Photography, Artistic

ARUK-TAU MOUNTAIN REGION—BURIAL

Skull from the Aruk-Tau burial mound in Tajikistan. [illegible] Trudy Inst. etn. 71:182-186 '61.

ARUTYUNIAN, ERIK, 1933-

Heroic and triumphal time. M. Parko. Sov. muz. 26 no. 2 28-32 F '62.

ARYSTANDY VALLEY—STONE AGE

New Neolithic locations in the Arystandy and Buryltay [illegible] valleys, Southern Kazakhstan. Kh. A. Alpysbaev. Trudy Inst. ist., arkheol. i etn. AN Kazakh. SSR no. 12:3-27 '61.

ASBESTOS

Development of the asbestos products industry between the 20th and 22nd Congresses of the CPSU. D. L. Zak. Fiz.-khim. i tekn. 20 no. 9,5-7 S '61.

ASCARIDS AND ASCARIASIS

(see also subdivision under Ashkhabad)

Eosinophilia related to ascariasis in children. D. G. Kasparov, A. G. Rabin. Sov. med. 25 no. 12,130-132 D '61.

Effectiveness of anti-ascariasis preparations. V. A. Morozov. Zdrav. Bel. 7 no. 12 54-55 D '61.

ASCETICISM see subdivision under India

ASCORBIC ACID

(see also subdivision under Uzbekistan)

Biosynthesis of ascorbic acid in the fruits growing on trees. P. S. Butrovskii, T. A. Chikalova. Bot. zhur. 47 no. 1 121-123 Ja '62.

Lowering the toxicity of aminazine by means of ascorbic acid (experimental study.) A. V. Sigrist, N. N. Mel'nik. Vop. psikh. no. 3:231-235 '60.

Role of the cerebral cortex in the regulation of vitamin C metabolism. V. S. Kulikova. Fiziol. zhur. 48 no. 2: 145-149 F '62.

Treatment of furuncles with biomycin and ascorbic acid. M. F. Babichenko. Voen.-med. zhur. no. 8:78 Ag '61.

Vitamin C insufficiency in healthy and tuberculous inhabits of the Far North (with summary in French). F. P. Ostrogina. Probl. tub. no. 2 30-32 '62.

ASEPTIC SURGERY see Surgery, Aseptic and antiseptic

ASH (TECHNOLOGY)

Comprehensive utilization of ash from heat and electric power plants in the production of agloporites and air-entrained concrete. I. A. Ivanov. Trudy Zap.-Sib. fil. VNII no. 3 3-20 '60.

ASH (TREE) see subdivision under Volga Valley

ASHKHABAD—ASCARIDS AND ASCARIASIS

Epidemiology of ascariasis in Ashkhabad. B. N. Ei, S. A. Ankverdiants, L. A. Maiorova. Zhur. Turk. 5 no. 6 12-14 N-D '61.

ASHKHABAD—MAGNETIC MEASUREMENTS

Magnetic observations in Ashkhabad. V. G. Dubrovskii, G. V. Kramorenko, M. Mamedov. Trudy Fiz.-tekh. inst. AN Turk. SSR 7 143-155 '61.

ASHKHABAD—TYPHOID FEVER

Serological examination of patients with elevated temperature in order to detect typhoid fever in Ashkhabad. L. M. Alkhutova. Zdrav. Turk. 5 no. 6 3-5 N-D '61.

ASIA—COLONIES

Splinters of colonialism in Asia. Iz. Afr. seg. no. 2: 2-3 F '62.

ASIA—DESCRIPTION AND TRAVEL

Rabbisow, Elena. [Lights of Asia; a trip to the East] Ogni Azii; puteshestvie na Vostok. Paris, 1961. 363 p.

ASIA—HISTORY

"Modern history of foreign oriental countries" by A. A. Guber, A. N. Kheifets. Reviewed by IU. I. Patlashan. Ukr. ist. zhur. 6 no. 2:138 Mr-Ap '62.

ASIA—MINES AND MINERAL RESOURCES

[Concise handbook on the mineral resources of capitalist countries, Asia.] Kratkii spravochnik po mineral'nym resursam kapitalisticheskikh stran, Azii. Pod red. N. A. Bykhovera, M. V. Dubovskoi i A. I. Opaleva. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1961. 124 p.

ASIA—POLITICS

Akademiia nauk SSSR. Institut narodov Azii. [Colonialism is the bitterest enemy of oriental peoples] Kolonializm zleishii vrag narodov Vostoka. Moskva, Izd-vo vostochnoi lit-ry, 1962. 189 p.

Different results. I. Savchenko. Mezhdunar. zhizn' 9 no. 3 111-112 Mr '62.

ASIA, CENTRAL—ETHNOLOGY

"Anthropological composition of the population of Central Asia and the ethnogenesis of its peoples." Parts 1-3, by L. V. Oshanin. Reviewed by N. G. Zalkind. Vop. antr. no. 6:146-147 '61.

ASIA, CENTRAL—FOREIGN RELATIONS—GREAT BRITAIN

Bakhadzhaev, A. Kh. [Bankruptcy of English policy in Central Asia and the Middle East, 1918-1924] Proval angliiskoi politiki v Srednei Azii i na Srednem Vostoke; 1918-1924. Moskva, Izd-vo Vostochnoi lit-ry, 1962. 167 p.

ASIA, CENTRAL—LAND TENURE

Recent references to the "soiiurgal." M. Abdurakimov. Obshchestv. nauki v Uz. no. 2:40-46 '61.

ASIA, CENTRAL—MERCURY MINES AND MINING

Peculiarities of mining one of the complex mercury deposits of Central Asia. G. N. Popov, A. A. Petrosov. Izv. vys. ucheb. zav., tsvet. met. 5 no. 1 22-25 '62.

ASIA, CENTRAL—MOLYBDENUM

Occurrences of molybdenum and rhenium in coals of Central Asia [with summary in English]. V. V. Kuznetsova, A. A. Saukov. Geokhimiia no. 9:750-756 '61.

ASIA, CENTRAL—RHENIUM

Occurrences of molybdenum and rhenium in coals of Central Asia [with summary in English]. V. V. Kuznetsova, A. A. Saukov. Geokhimiia no. 9 750-756 '61.

ASIA, CENTRAL—SEDGES

Biology and ecology of sedge growing in the deserts of Central Asia. L. P. Sinkovskii. Izv. Otd. sel'khoz. i biol. nauk AN Tadzh. SSR no. 3:29-46 '61.

ASIA, CENTRAL—SVABITE

Find of svabite in magnesite skarns of Central Asia. G. M. Utekhin. Zap. Vses. min. ob-va. 90 no. 6:713-717 '61.

ASIA, CENTRAL—WEATHER—MENTAL AND PHYSIOLOGICAL EFFECTS

State of the hematoencephalic barrier in people who have suffered a closed trauma of the brain, depending on the seasonal climatic conditions of Central Asia. N. D. Kuznetsov. Med. zhur. Uzb. no. 11:13-14 N '61.

ASIA, SOUTHEASTERN—ARMED FORCES

Arm forces of the countries of CENTO and SEATO. Mezhdunar. zhizn' 9 no. 4 145-146 Ap '62.

ASIA, SOUTHEASTERN—POLITICS

Dangerous plot. Nov. vrem. 20 no. 10:3 Mr '62.

ASIA, SOUTHEASTERN—SEISMOLOGICAL RESEARCH

Earthquake study in the countries of southeastern Asia; seismological mission of the United Nations Educational, Scientific, and Cultural Organization. E. V. Karus. Vest. AN SSSR 32 no. 3:58-63 Mr '62.

ASIA, SOVIET CENTRAL see Soviet Central Asia

ASIA MINOR—GODS

Studying the names of gods in Asia Minor [in Armenian with summary in Russian]. Nshan Martirosian. Ist.-filol. zhur. no. 3/4 82-107 '61.

ASIA MINOR—NAMES

Studying the names of gods in Asia Minor [in Armenian with summary in Russian]. Nshan Martirosian. Ist.-filol. zhur. no. 3/4 82-107 '61.

ASIATIC CHOLERA see Cholera, Asiatic

ASLANBEK-SHERIPOVO REGION—BRONZE AGE

Archaeological work in the Argun ravine in 1958. V. I. Markovin. Krat. soob. Inst. arkheol. no. 84:48-55 '61.

ASLANBEK-SHERIPOVO REGION—MIDDLE AGES

Archaeological work in the Argun ravine in 1958. V. I. Markovin. Krat. soob. Inst. arkheol. no. 84:49-55 '61.

ASPARTIC ACID

N-acetyl-l-aspartic acid in the brain during the stimulation of the central nervous system. G. V. Aprikian. Dokl. AN Arm. SSR 33 no. 5:213-216 '61.

ASPHALT

Device for heating inert materials in asphalt heaters. Sel'. stroi. 16 no. 12:24 D '61.

ASPHYXIA

Use of micramine for treating asphyxia in newborns. M. I. Shtemberg. Zdravookhranenie 4 no. 6 17-19 N-D '61.

ASRATIAN, EZRAS ASRATOVICH, 1903-

Wishes come true. D. Shaventantor. Neva no. 10 116-118 '61.

ASSAYING

Lokonov, M. F. [Assaying in ore dressing plants] Opravovanie na obogatitel'nykh fabrikakh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 274 p.

ASSEMBLY-LINE METHODS

Automation of the assembling of machinery. I. I. Kapustin. Izv. vys. ucheb. zav., mashinostr. no. 12 61-65 '61.

Automation of the manufacture of pistons in the "Avtotraktorodetal'" factory in Tambov. P. V. Pankov, A. A. Shpekht. Trakt. i sel'khozmash. 32 no. 1 42-44 Ja '62.

Basic principles of the production line method for the manufacture of top sliver in wool spinning. P. M. Gushcha and others. Tekst. prom. 21 no. 12 [illegible] D '61.

Botvinik, E. S., and others. [Use of the continuous method for the manufacture of particle boards.] Proizvodstvo struzhechnykh plit nepreryvnym sposobom. Moskva, Goslesbumizdat, 1961. 98 p.

Continuous bleaching of cotton fabrics in open width on the AG-110 production line. V. A. Prishchepchik and others. Tekst. prom. 21 no. 12 37-43 D '61.

Conveyer for the manufacture of upholstered furniture. IU. A. Rudakov, L. F. Aleksandrova, V. A. Efremov. Der. prom. 11 no. 3:19-20 Mr '62.

Devices for the positioning of stiff leather in the production process. M. A. Braginskii. Izv. vys. ucheb. zav.; tekh. leg. prom. no. 1:113-120 '62.

Investigating the possibility of automation of the assembling of machine units in mass production. V. V. Kovalev. Izv. vys. ucheb. zav., mashinostr. no. 12 76-81 '61.

Korsakov, V. S., and M. P. Novikov. [Manual on the mechanization and automation of assembling operations] Spravochnik po mekhanizatsii i avtomatizatsii sborochnykh rabot. Moskva, Mashgiz, 1961. 373 p.

Koval', L. M., and B. Miroslavtsev. [From small-scale to over-all mechanization] Ot maloi mekhanizatsii - k kompleksnoi. [Moskva] Moskr. rabochii, 1961. 302 p.

Methodology for studying the expenditure of working time in work on automatic lines. N. A. Silant'eva. Nauch. trudy MIEI no. 19:215-236 '61.

Mikhal'skii, V. N., and A. P. Pofalitov. [Organization of the conveyor method of car repairs, experience of the Stryy Railroad Car Repair Plant] Organizatsiia konveiernogo metoda remonta vagonov; opyt Stryiskogo vagonoremontnogo zavoda. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 79 p.

Regularities concerning the formation and dynamics of intraoperational surpluses on semi-continuous and automatic lines. IA. IU. Nikolaev. Nauch. trudy MIIT no. 18:124-133 '61.

Work organization in machinery manufacturing where the over-all mechanization and automation of assembly processes are in effect. V. G. D'iachenko. Nauch. trudy MIEI no. 19:253-269 '61.

ASSEMBLY-LINE METHODS—PRODUCTION STANDARDS

Calculating maintenance norms for the semiautomatic and continuous line production of rubber soles. P. Pankin, L. Poliakova. Rhul. manuf. inform.: trud i zar. plata 5 no. 2:28-32 '62.

ASTAPENKOVA, T.

"Path to the sea"; verse by T. Astapenkova. Reviewed by Zel. Shteinman. Neva no. 8:208-209 '61.

ASTHMA

Dynamics of the external respiration indices in bronchial asthma following acupuncture and physical exercise. B. K. Kasymov. Med. zhur. Uzb. no. 3,39-41 Mr '60.

Functional state of the cardiovascular system in bronchial asthma before and after nonspecific desensitizing therapy. G. Kh. Tazidi. Kaz. med. zhur. no. 6:13-15 N-D '61.

Proteolytic enzyme therapy in bronchial asthma and chronic nonspecific pneumonia. D. M. Zlydnikov. Terap. arkh. no. 7:62-67 '61.

Treatment of bronchial asthma with hormonal preparations. Sh. I. Gognashvili, G. V. Gurgenidze, B. Kh. Bachvelishvili. Soob. AN Gruz. SSR 27 no. 6:793-798 D '61.

Use of mespenal and metacin in peptic ulcer and bronchial asthma. I. V. Oli. Kaz. med. zhur. no. 4:39-40 Jl.-Ag '61.

ASTRAKHAN—BRONZES

Bronze kettles of the Astrakhan Museum. V. A. Filipchenko. Sov. arkheol. 6 no. 1:276-278 '62.

ASTRAKHAN—FISH PROCESSING PLANTS—EQUIPMENT AND SUPPLIES

Electric drying oven of the Astrakhan Fish Canning and Refrigerating Combine. V. M. Borkunov. Ryb. khoz. 38 no. 2:64-66 '62.

ASTRONAUTICS

Along the star tracks. V. L'vov. Vokrug sveta no.1 15-16 Ja '62.

Kursanov, G.A. [The outer space era] Epokha kosmosa. Moskva, Izd-vo "Znanie," 1961. 31 p. (Narodnyi universitet kul'tury: Estestvennonauchnyi fakul'tet, no.24)

Meeting with the astronaut. Nauka i zhizn' 28 no.12: 65 D '61.

Outer space belongs to humanity. G. Pokrovskii. Starsh.-serzh. no.9 5-6 S '61

Titova, N.M., and N.M. Kitterog, comps. [Toward stellar worlds] K zvezdnym miram. Kiev, Izd-vo Akad. nauk USSR, 1961. 99 p.

[MICROFILM]

To all scientists, builders, engineers, technicians and workers, to all groups and organizations taking part in the successful realization of a new cosmic flight of man in the spaceship satellite, "Vostok-2." To Comrade G. S. Titov, the Soviet cosmonaut making the 25-hour flight. Voen.-med. zhur. no.8,4 Ag '61

To the Communist Party and the peoples of the Soviet Union! To the peoples and governments of all countries! To all progressive humanity! Voen.-med. zhur. no.8: 3-4 Ag '61

ASTRONAUTICS—CONGRESSES

Academician L. Sedov on cooperation in space. Nov. vrem. 20 no.12 16-17 Mr '62.

ASTRONAUTICS—JUVENILE LITERATURE

Dombrovskii, K.I. [About the moon and about rockets] Pro Lunu i pro raketu. Moskva, Gos. izd-vo detskoi lit-ry M-va prosv. RSFSR, 1961. 94 p.

ASTRONOMICAL OBSERVATORIES see subdivision under Crimea

ASTRONOMY

"Astronomy in the U.S.S.R. during forty years; collected articles." Reviewed by S.A. Kaplan. Astron. zhur. 39 no.1:170-171 Ja-F '62.

Some methodological problems of present-day astronomy [with summary in English, p.181]. B.V. Kukarkin. Vop. filos. 16 no.2:37-45 '62.

The 22d Congress of the CPSU and the objectives of Soviet astronomy. Astron. zhur. 39 no.1 3-4 Ja-F '62.

ASTRONOMY—ABSTRACTS

[Astronomy and geodesy.] Ref. zhur. Astron. i geod. no.2 F '62.

ASTRONOMY—CONGRESSES

Congress of astronoms in California. B.A. Vorontsov-Vel'iaminov. Nauka i zhizn' 28 no.12:14-20 D '61.

Extragalactic astronomy and cosmogony at conferences in California in 1961. B.A. Vorontsov-Vel'iaminov. Astron. zhur. 39 no.1:174-181 Ja-F '62.

S"ezd vsesoiuznogo astronomo-geodezicheskogo obshchestva, 3d, Kiev, 1960. [Transactions of the Congress of the All-Union Astronomical and Geodetic Society] Trudy. Moskva, Izd-vo Akad. nauk SSSR, 1962. 257 p.

ASTRONOMY—YEARBOOKS

[Astronomical yearbook of the U.S.S.R. for 1963] Astronomicheskii ezhegodnik SSSR na 1963 g., sorok vtoroi god izdaniia. Moskva, Izd-vo Akad. nauk SSSR, 1961. 650 p.

ASTRONOMY, SPHERICAL AND PRACTICAL

"Course of spherical astronomy" by K.A. Kulikov. Reviewed by D.V. Piaskovskii. Astron. zhur. 39 no.1:172-173 Ja-F '62.

Kondrat'ev, N.IA. [Orientation by stars] Orientirovka po zvezdam. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 64 p. (Nauchno-populiarnaia biblioteka)

ASTROPHYSICS

Concord of worlds. V. L'vov. Vokrug sveta no.2:37-41 F '62.

They try to read the "book of skies." Vasyl' Berezhnyi. Ukraina no.4:17-18 F '62.

ASYNCHRONOUS ELECTRIC MOTORS see Electric motors, Induction

ATHEISM

(see also subdivision under Greece, Kotovskoye District; Odessa Province; Rozhishche District)

Atheistic education and methods of studying the surviving traces of religion [with summary in English, pp.185-186]. L.N. Mitrokhin. Vop. filos. 16 no.3: 50-61 '62.

"The basic principles of atheism" by V.K. Tancher. Reviewed by Vitalii Voitko. Volov. ateist no.1,61-63 Ja '62.

"Basis of scientific atheism", "Communist education" by N. Kulikov. Reviewed by A.M. Chiperis. Izv. AN Turk. SSR. Ser. obshchestv. nauk no.6:91-94 '61.

Communist philosophy overcomes the survivals of religion. V. Tancher. Volov ateist no.2:6-9 F '62.

Cybernetics helps to overcome religious superstitions. E. Piaskovskyi. Volov. ateist no.1:15-18 Ja '62.

The dictionary of atheism. Volov. ateist no.1:58 Ja '62.

for the propagandists of atheism." Reviewed by V. Svitlenko. Volov. ateist no.1:63 Ja '62.

Greetings, people. V. Dushkin. Smena 39 no.1 30-31 Ja '62.

The most important events in the life of churches and religious groups in the U.S.S.R. N.T. Mat. i soob. Issl. otd. Inst. po izuch. SSSR no.28:56-62 O '61.

[Popular lectures on atheism] Populiarnye lektsii po ateizmu. Moskva, Gos. izd-vo polit. lit-ry, 1962. 390 p.

Pressing objectives of our time. M. Pastukh. Volov. ateist no.1:22-27 Ja '62.

Problems of atheism in the programs of the Communist Party of the Soviet Union. V. IU. Bychatin. Ukr. ist. zhur. 6 no.2:14-24 Mr-Ap '62.

V.I. Lenin on scientific atheism. S.R. Rodionov. Trudy MADI no.36:139-150 '60.

We should patiently show the groundlessness of religious beliefs. Volov. ateist no.1:2-3 Ja '62.

We try to build a happy life on earth. Volov. ateist no.1:59-60 Ja '62.

ATHEISM—BIBLIOGRAPHY see Bibliography—Atheism

ATHEISM—STUDY AND TEACHING

(see also subdivision under Perm Province)

Against the dope of religion. V. Postovolov. Prof.-tekh. obr. 19 no.2:23-24 F '62.

"Fundamentals of scientific atheism." Reviewed by V. Ushakov, V. Shtein. Part. zhizn' Kazakh. 32 no.2: 70-74 F '62.

In school and at home. I. Baidala. Volov. ateist no.1: 12-13 Ja '62.

An integral part. M. Moiseienko. Volov. ateist no.1:10-11 Ja '62.

Let's train active promoters of scientific atheism. P. I. Mel'nik. Vest. vys. shkoly 20 no.3:71-74 Mr '62.

Our students should become militant atheists. K. Kolosova. Volov. ateist no.1:6-10 Ja '62.

Some methods of anti-religious training in Russian language classes. I.A. Ageikin. Rus. iaz. v shkole 23 no.1:64-67 Ja-F '62.

We cannot be indifferent. A. Nahornyi. Volov. ateist no.1:12-13 Ja '62.

ATHLETES

The determination of metrical anthropological standards for various groups of athletes. N.IU. Lutovinova, M.I. Utkina. Vop. antr. no.8:63-87 '61.

Method for vectorcardiography in the medical examination of athletes. Zh.A. Tenlenko. Teor. i prak. fiz. kul't. 24 no.11:867-870 '61.

ATHLETES—NUTRITION

IAkovlev, N.N. [Nutrition for athletes] Pitanie sportsmena. Moskva, Izd-vo "Fizkul'tura i sport," 1961. 47 p. (Bibliotechka sportsmena)

ATHLETIC CLUBS

(see also subdivision under Orekhovo-Zuyevo District)

Participation of sports organizations in establishing the "Peace fund." Teor. i prak. fiz. kul't. 24 no.10: 793 '61.

Reorganization of the "Urozhai" voluntary sports association. Teor. i prak. fiz. kul't. 24 no.10:791-792 '61.

ATLANTIC OCEAN—CLAY

Clay minerals in sediments of the Atlantic Ocean. V.A. Eroshchev-Shak. Okeanologiia 2 no.1:98-105 '62.

ATLANTIC OCEAN—CONGRESSES

Second conference on the problem in the plan of the International Geophysical Year "Interaction of the atmosphere and the ocean in the North Atlantic and annual variations in its meteorological and hydrological conditions." R. P. Bulatov. Okeanologiia 2 no.1:180-185 '62.

ATLANTIC OCEAN—FISHERIES—RESEARCH

Research and fish-locating expeditions of the Baltic Scientific Institute of Maritime Fisheries and Oceanography from October 1960 through March 1961. Trudy BaltNIRO no.7 196-198 '61.

ATLANTIC OCEAN—FISHES

Konigsberg, Baltiiskii nauchno-issledovatel'skii institut morskogo rybnogo khoziaistva i okeanografii. [Commercial and some noncommercial fishes of the western coast of Africa (from the Levrier Bay to the Gulf of Guinea); textbook for fishery workers] Promyslovye i nekotorye nepromyslovye ryby zapadnogo poberezh'ia Afriki (ot bukhty Levrie do Gvineiskogo zaliva); posobie dlia promyslovikov. Kaliningrad, 1961. 175 p.

ATLANTIC OCEAN—FISHES—IDENTIFICATION

"Commercial and some noncommercial fishes at the western coast of Africa." Reviewed by G.U. Lindberg. Ryb. khoz. 38 no.2:84 '62.

ATLANTIC OCEAN—HERRING FISHERIES—CONGRESSES

In the International Council for the Exploration of the Sea. Ryb. khoz. 38 no.2:81-82 '62.

ATLANTIC OCEAN—OCEAN CURRENTS

Current study in the Atlantic Ocean during the sixth cruise of the research ship "M. Lomonosov." G.P. Ponomarenko. Trudy MGI 25:17-17 '62.

ATLANTIC OCEAN—OCEANOGRAPHIC RESEARCH

Exploration of the Atlantic Ocean on the research ship "Mikhail Lomonosov" in 1960. V.A. Ludnev. Okeanologiia 2 no.1:160-164 '62.

Principal scientific results of the sixth cruise of the research ship "M. Lomonosov." A.G. Kolesnikov. Trudy MGI 25:3-16 '62.

Tenth cruise of the research ship "Mikhail Lomonosov" in the Atlantic Ocean. G.P. Ponomarenko. Okeanologiia 2 no.1:164-172 '62.

ATLANTIC OCEAN—ORGANIC MATTER

Concentration of organic carbon in waters of the Baltic and North Seas and the subtropical and tropical regions of the North Atlantic. B.A. Skopintsev, S.N. Timofeeva. Trudy MGI 25:110-117 '62.

ATLANTIC OCEAN—SAUREL

South Atlantic saurel. IU.A. Komarov. Ryb. khoz. 38 no.2:10-12 '62.

ATLANTIC OCEAN—SCORPION FISHES

Local populations of Sebastes mentella in the North Atlantic. K.G. Konstantinov. Ryb. khoz. 38 no.9:13-15 '62.

ATLANTIC OCEAN—SEA WATER—COMPOSITION

Chemical composition of interstitial waters in the Atlantic Ocean. O.V. Shishkina, V.S. Bykova. Trudy MGI 25:187-194 '62.

ATLANTIC OCEAN—SEA WATER—OXYGEN CONTENT

Results of the determination of dissolved oxygen in waters of the subtropical and tropical regions of the North Atlantic during August-October 1959. B.A. Skopintsev, V.K. Zhavoronkina. Trudy MGI 25:118-120 '62.

Studying the biochemical consumption of oxygen in waters of the North Atlantic. A.A. Novoselov. Okeanologiia 2 no.1:84-91 '62.

ATLANTIC OCEAN—SUBMARINE GEOLOGY

Geological research in the western part of the North Atlantic. M.V. Klenova, N.L. Zenkevich. Trudy MGI 25:142-146 '62.

ATLANTIC OCEAN—SUBMARINE TOPOGRAPHY

Geomorphological characteristics of the bottom relief in the northeastern Atlantic. N.A. Grabovskii. Okeanologiia 2 no.1:92-97 '62.

ATLANTIC OCEAN—TRADE WINDS

Some characteristics of the vertical structure of the atmosphere in the trade wind zone of the North Atlantic. A.I. Sorkina. Trudy MGI 25:69-81 '62.

ATLANTIC OCEAN—TUNA FISH

Effect of oceanological conditions on the distribution of the yellowfin tuna. V.G. Kolesnikov, IU.A. Torin, N.Z. Khlystov. Trudy BaltNIRO no.7:31-34 '61.

Tuna fish of the tropical Atlantic, according to the materials of the expedition of 1959. V.I. Zharov. Trudy BaltNIRO no.7:17-30 '61.

ATLANTIC OCEAN—ZOOPLANKTON

Plankton in the tropical part of the Atlantic Ocean. V.A. Mashnov. Trudy MGI 25:195-207 '62.

ATMOSPHERE

Formation and change of large-scale vortices in the atmosphere. VI. Sharov. Meteor. i gidrol. no.4:9-15 F '62.

Influence function in small perturbations of a baroclinic isothermally stratified atmosphere. L.A. Dikii. Dokl. AN SSSR 143 no.1:97-100 Mr '62.

Solar nature of the great anomaly of the general earth's atmospheric circulation in 1954. M.S. Eigenson. TSIr. Astron. obser. L'viv. Un. no.20:14-20 '60.

ATMOSPHERE, UPPER—ROCKET OBSERVATIONS

[Investigation of the upper atmosphere by the use of rockets and satellites; solar short-wave and corpuscular radiations and their effect on the upper atmosphere of the earth. Translated from the English. Preface by G.S. Ivanov-Kholodnyi] Issledovaniia verkhnei atmosfery s pomoshch'iu raket i sputnikov; korotkovolnovoe i korpuskuliarnoe izluchenie solntsa i ikh vozdeistvie na verkhniuiu atmosferu Zemli, sbornik statei. Moskva, Izd-vo inostr. lit-ry, 1961. 471 p.

ATMOSPHERIC PRESSURE

Two-level pressure field forecasting for the Northern Hemisphere. G.P. Kurbatkin. Izv. AN SSSR. Ser. geofiz. no.2 220-232 F '62.

ATMOSPHERIC PRESSURE—PHYSIOLOGICAL EFFECT

Comparison of barometric pressure differences with the course and outcome of cardiovascular diseases in Kiev [with summary in English]. A.N. Zhurenko. Vrach. delo no.1:18-26 Ja '62.

Effect of high degrees of atmospheric rarefaction on oxygen tension in the brain tissues. E.A. Kovalenko. Fiziol. zhur. 48 no.2:150-158 F '62.

Prevention of barotrauma of the ears in submarine personnel. M.T. Kroshko. Voen.-med. zhur. no.8:64-66 Ag '61.

ATMOSPHERIC TEMPERATURE

Effect of shelterbelts on the temperature of the air close to the soil K. L. Popov Sbor nauch.-issl rab po zashch lesorazved no 2;67-91 '59

Energy sources of the upper atmosphere Iu. I. Gal'perin Izv AN SSSR Ser geofiz no 2 252-261 F '62

ATMOSPHERIC TURBULENCE

Intensity of turbulence in clouds N Z Pinus, V. D. Litvinova. Izv AN SSSR Ser geofiz no 1 126-129 Ja '62

Turbulence characteristics of the lower atmosphere under conditions of free convection A V Perepelkina Izv AN SSSR. Ser geofiz no 2 271-274 F '62

Turbulence spectrum in a thermally inhomogeneous atmosphere A S Monin Izv AN SSSR Ser geofiz no 3 397-407 Mr '62

ATOMIC BOMB

Rougeron, Camille. [Utilization of energy from a thermonuclear explosion Translated from the French] Ispol'zovanie energii termoiadernogo vzryva Pod red S I Azar'eva. Moskva, Izd-vo inostr lit-ry, 1957 295 p.
(OCU)

ATOMIC BOMB—PHYSIOLOGICAL EFFECT

"How nuclear explosions threaten humanity" by A. M. Kuzin. Reviewed by A. M. Okulov. Kaz med zhur no 4,118-119 Jl-Ag '61.

ATOMIC BOMB—SAFETY MEASURES

Protective features of terrain. E. Leoshenia. Voen. znan. 38 no 2 23-24 F '62.

ATOMIC BOMB SHELTERS see subdivision under United States

ATOMIC ENERGY

Feinberg, S. M. [The peaceful atom] Mirnyi atom. Moskva, Izd-vo "Znanie," 1962. 29 p. (Narodnyi universitet kul'tury. Tekhniko-ekonomicheskii fakul'tet, no. 18)

ATOMIC MASS

Macroscopic renormalization of the energy losses and mass of charged particles in a medium [with summary in English]. V. N. TSytovich Zhur. eksp i teor. fiz. 42 no. 2:457-466 F '62.

ATOMIC NUCLEI see Nuclei, Atomic

ATOMIC POWER PLANTS

Konozenko, I. D. [Atomic sources of electric current] Atomni dzherela strumu Kyiv, 1961 33 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR Ser. 6, no. 18)

ATOMIC THEORY

Agafoshin, N. P. [Periodic law and the modern theory of atomic structure] Periodicheskii zakon i sovremennoe uchenie o stroenii atoma. Moskva, Izd-vo "Znanie," 1962 38 p (Narodnyi universitet kul'tury: Estestvennonauchnyi fakul'tet, no 20)

M. V Lomonosov and atomistics [with summary in English, p. 165]. B. M Kedrov. Vop. filos 16 no. 2 65-76 '62.

ATOMIC WARFARE
(see also subdivision under United States)

Institute of dead souls Nov vrem 20 no. 10 16-17 Mr '62

ATOMIC WEAPONS

[New advances in military technology for youthful readers] Molodezhi o novom v voennoi tekhnike Moskva, Izd-vo DOSAAF, 1961 342 p.

ATOMIC WEAPONS—INTERNATIONAL CONTROL

Conference in Oslo Mir nauki 5 no. 4 27-29 '61

"Has man a future?" and "Fact and fiction" [both in English] by Bertrand Russell Reviewed by G Gerasimov Nov vrem 20 no. 10 29-31 Mr '62.

ATOMIC WEAPONS—TESTING
(see also subdivision under United States)

Talking frankly. Nov. vrem 20 no. 11:5 Mr '62.

ATOMIC WEAPONS INFORMATION

A former prime minister tells his story. S. Beglov Mezhdunar. zhizn' 9 no. 3:118-120 Mr '62.

To Attlee it looked like a real betrayal. Mezhdunar. zhizn' 9 no 3:120-128 Mr '62

ATOMIC WEIGHTS

New atomic weights. Atom. energ. 12 no. 3 261 Mr '62.

New scale and table of the atomic weights. Izv. AN SSSR Otd khim. nauk no. 2 369-371 F '62.

ATOMIZATION

Modeling the spraying and transportation of liquid in mines. V. M. Sukharevskii, M. I. Brainin. Sbor. trud. Inst. gor. dela AN URSR no. 8:138-147 '61.

ATOMS

Feinberg, S. M. [The atom and the atomic nucleus] Atom i atomnoe iadro. Moskva, Izd-vo "Znanie," 1962. 30 p. (Narodnyi universitet kul'tury: Estestvennonauchnyi fakul'tet, no. 23)

ATOMS—SPACE ARRANGEMENT see Stereochemistry

ATROPHEN

New qualitative reaction for atrophen [with summary in English] V G. Rubinskaia. Apt delo 10 no 6:54-56 N-D '61

ATROPHY, MUSCULAR

Micrometastatic cancers in the spinal cord simulating Duchenne-Aran spinal amyotropia [with summary in French] M. N Klingman, V D Kalinka Zhur nevr i psikh 61 no 11 1630-1635 '61

ATTACK AND DEFENSE (MILITARY SCIENCE)

Defensive operations by rifle units F Garvikov Voen. vest. 41 no 10 103-107 O '61.

Forge combat training in the field S Dem'ianenko Voen. vest 41 no. 10 62-64 O '61

Forming a part of the second echelon. V. Orlov, A. Fedonin Starsh.-serzh. no. 9:10 S '61

Initiative, impetuousness. M. Beliaev. Voen vest 41 no 10 46-47 O '61

Platoon carries out a task N. Kutsaev, A. Glebov. Voen vest 41 no. 10 114-116 O '61

Security in bivouac K. Maksimov Voen. vest 41 no 10 110-114 O '61

The sergeant went to an exercise. D. Petukhov. Starsh.-serzh no 9:9 S '61.

Soldier in an attack. F. Garvikov. Starsh.-serzh. no. 11:16-17 O [1 e N] '61

Sychev, K. V., and M. M. Malakhov, eds. [Attack in a wooded swampy and in a wooded mountainous locality, collection of tactical examples of the attack of a rifle unit in the Great Patriotic War in 1944] Nastuplenie v lesisto-bolotistoi i gorno-lesistoi mestnosti; sbornik takticheskikh primerov nastupleniia voisk strelkovogo korpusa po opytu Velikoi Otechestvennoi voiny v 1944 g. Moskva, Voen. izd-vo M-va oborony SSSR, 1961, 203 p.

———— [Album of diagrams] Al'bom skhem. 14 diagrams.

ATTENUATORS (ELECTRONICS)

Study of the frequency errors of an attenuator using wire-wound resistances B E. Rabinovich, O V Stoiakina Trudy inst. Kom stand., mer i izm prib no 53 75-79 '61

Use of a square-law detector for increasing the accuracy attenuation measurements E I Strelkova. Trudy inst Kom. stand., mer i izm prib. no 53 56-61 '61

Use of short-circuiting plunger in studying a method for measuring attenuation E. I Strelkova Trudy inst Kom stand., mer i izm. prib. no 53 62-74 '61.

AUDIO-VISUAL EQUIPMENT—EXHIBITIONS

To lighten student's work. V. Balashov. Nar. obr. no. 3, 124-126 Mr '62.

AUDITING

[Auditing financial operations of the enterprises of regional economic councils] Proverka finansovoi deiatel'nosti predpriiatii sovnarkhozov. Avtorskii kollektiv pod rukovodstvom D. S. Mollakova. Moskva, Gosfinizdat, 1961. 263 p.

Control and accounting are a nationwide concern. N. Veitsman. Bukhg uchet 19 no. 2:5-12 F '62

Financial control in the building of communism. B Rivkin. Fin. SSSR. 23 no. 1:19-29 Ja '62.

Follow-up of our materials. Fin. SSSR 23 no. 2, 72 F '62.

Improve the work of the control and auditing apparatus of financial organs. Fin. SSSR 23 no 2:3-7 F '62

Organizing regular public control. I. Kurilukov. Bukhg. uchet 19 no. 1:45-46 Ja '62.

Raise the level of accounting, control and auditing work Bukhg. uchet 19 no. 2:1-4 F '62

AUDITING—CONGRESSES

Conference of employees of the control and auditing apparatus. Fin. SSSR 23 no. 2:92-95 F '62

AUDITORIUMS see subdivision under Moscow

AUGER EFFECT

Calculating the probability of the Auger effect for heavy elements. M. A Listengarten. Izv. AN SSSR Ser. fiz. 26 no 2:182-190 F '62

Intensities of groups of Auger K-electrons from rare earth elements. B. B D'iakov, I. M. Rogachev. Izv. AN SSSR Ser fiz. 26 no. 2:191-196 F '62

AUREOMYCIN

Aldolase activity in the mild form of acute bacillary dysentery treated with chlortetracycline and bacteriophage [with summary in English]. G. S. Mironov. Antibiotiki 7 no. 2:155-157 F '62.

Effect of biovetin on the fauna of the rumen in lambs. I. A. Barabanov. Veterinariia 39 no. 1:60-62 Ja '62.

Effect of chlortetracycline on the blood serum cholesterol and globulin level and on the adrenocortical function in mild forms of acute bacillary dysentery [with summary in English]. G. S. Mironov, V. I. Gushch, M. K. Shvaiko. Antibiotiki 7 no. 1:39-41 Ja '62.

Effect of chlortetracycline on the course of staphylococcal infection in an experiment [with summary in English]. I. S. Dergachev, I. N. Potapova, G. A. Mikheeva. Antibiotiki 7 no. 1:65-68 Ja '62.

Effect of the preparation "biovit" on the growth of chickens depending on the ration and amount of vitamin B_{12} and biomycin in the preparation [in Latvian]. E. Audiņaite Izv. AN Latv SSR no 11 123-126 '61

Ligation of the umbilical cord with the use of biomycin S. I Bovkun, I. Kh. Khodzhaeva. Med zhur Uzb no. 12: 65 D '61

Prospects for the use of dibiomycin in treating trachoma [with summary in English]. Z. V. Ermol'eva and others. Antibiotiki 6 no 9:58-61 S '61

Treatment of furuncles with biomycin and ascorbic acid. M. E. Babichenko Voen.-med. zhur. no 8:78 Ag '61

AURORAS

Auroras and abnormal absorption of type III radio waves IA. I Fel'dshtein, Geomag. i aer. 1 no 6 939-941 N-D '61

Automatic scanning photometer. N V. Dzhordzhio Geomag. i aer. 1 no. 6 1005-1008 N-D '61.

Relationship between short-period variations of the earth's electromagnetic field and auroras V. A Troitskaia, L. V Al'perovich, N V. Dzhordzhio Izv AN SSSR Ser. geofiz no 2 262-270 F '62.

Results of visual and photographic observations of auroras, a review A. I Ol' Geomag i aer 1 no 6 956-971 N-D '61

Seasonal variation of auroral displays IA. I Fel'dshtein, N F Shevnina Geomag. i aer 1 no 6 936-938 N-D '61.

AUSTENITE

Kinetics of isothermal transformations of austenite in hypereutectoid silicon steel [with summary in English] K P Bunin, Zh. B Zakorko. Dop. AN URSR no. 1:41-47 '62

Popov, A. A., and L. E. Popova. [Heat treatment handbook] Isothermal and thermokinetic diagrams on the decomposition of undercooled austenite] Spravochnik termista; izotermicheskie i termokineticheskie diagrammy raspada pereokhlazhdennogo austenita. Moskva, Mashgiz, 1961. 430 p.

AUSTRALIA

"The first or the fifth" by V. Mnevskii. Reviewed by IA. Ivanov Vokrug sveta no 3:63 Mr '61.

AUSTRALIA—ANTHROPOLOGY

Origin of the Australians and the antiquity of the settlement of Australia, according to anthropological data V. R. Kabo. Vop. antr. no 7:77-94 '61

AUSTRALIA—DESCRIPTION AND TRAVEL

Visiting the fifth continent K. Egorov. Tekh. mol. 30 no 1 32-33 '62.

AUSTRALIA—FOREIGN RELATIONS—NETHERLANDS

Australia and Western Irian Rupert Lockwood Nov. vrem. 20 no 10:18-19 Mr '62.

AUSTRALIA—MAN—ORIGIN

Origin of the Australians and the antiquity of the settlement of Australia, according to anthropological data. V. R. Kabo. Vop. antr. no. 7:77-94 '61.

AUSTRALIA—NEUROLOGICAL RESEARCH

With the physiologists of Australia P. G. Kostiuk Vest. AN SSSR 32 no 2:84-87 F '62

AUSTRALIA—SOCIALIST PARTY

The Australian Labor Party. V. Mikhailov. Mir. ekon i mezhdunar. otn. no. 3:136-140 Mr '62.

AUSTRIA—ALLIED OCCUPATION, 1945-

Savenok, G. M. [Encounters in Vienna] Venskie vstrechi. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 367 p. (Voennye memuary)

AUSTRIA—INDUSTRIES

Answering our readers' questions. Mezhdunar. zhizn' 9 no. 1:155-156 Ap '62.

AUSTRIA—INTERNATIONAL STATUS

They try to lay the fault at our door. I. Mikhailov. Mezhdunar. zhizn' 9 no. 3:108-109 Mr '62.

AUSTRIAN NEWSPAPERS

Downfall of an Austrian newspaper tycoon E. Zucker-Schilling Nov vrem. 20 no 10 15 Mr '62

AUTHORS—CORRESPONDENCE, REMINISCENCES, ETC.

Nikulin, L. V. [People and wanderings; reminiscences and meetings] Liudi i stranstviia; vospominaniia i vstrechi. Moskva, Sovetskii pisatel', 1962. 510 p.

Writers on other writers. V. Grechnev. Neva no. 8: 190-198 '61.

AUTHORS, BURMESE

On board the "Mei Bama." Iu. Lugovskoi. Az. i Afr. seg. no. 2 41-42 F '62.

AUTHORS, LABORING CLASS see subdivision under Leningrad

AUTHORS, WOMEN see subdivision under Armenia

AUTHORS AND MOTION PICTURES

Light of day. Vladimir Aminskii. Isk. kino no. 2: 85-89 F '62

Why aren't you writing for motion pictures? Imran Khasumov and others Isk kino no 2:82-85 F '62

AUTHORS AND READERS see subdivision under Kaskelen

AUTOBIOGRAPHIC FICTION see Fiction, Autobiographic

AUTOCLAVES—SAFETY APPLIANCES

Signaling and blocking device for autoclaves. S. B. Moldavskii. Bezop. truda v prom 6 no 2:31-32 F '62.

AUTOMATIC CONTROL

Adaptive and learning automatic control systems [with summary in English]. J. E. Gibson. Avtomatyka no. 1: 46-54 '62.

Amelin, A. G., L. G. Pliskin, and N. N. Shumilovskii. [Principles of the automation of sulfuric acid manufacture by the contact process] Osnovy avtomatizatsii proizvodstva sernoi kisloty kontaktnym metodom. Moskva, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1961 313 p.

Analyzing the self-oscillations in astatic relay systems for automatic control S. M. Smirnov Nauch. trudy MTILP no. 18 170-190 '60.

Approximation method of analyzing the self-oscillations in two-position control systems. S. M. Smirnov Nauch. trudy MTILP no 18 167-178 '60

Automatic control and mechanization on tank farms. E. M. Chernyshev. Neftianik 7 no 2 15-16 F '62.

Automatic control circuit of the technological processes in the padding dyer and steaming apparatus A. N. Slatinskii, S. A. Polovnikova. Tekst. prom. 21 no 6: 67-68 Je '61.

Automatic control of engine preheaters. A. N. Moiseichik Avt. prom 28 no 2 15-16 F '62.

Automatic control of thermal drilling by means of an optimalizing controller and radioactive transducer of operation. A. V. Brichkin, P. A. Shamin. Izv. AN Kazakh. SSR. Ser. gor. dela no. 2:51-56 '61

Automatic control system of the FKP-1 semiautomatic machine. M. I. Petrosiuk. Izv. vys. ucheb. zav. ;tekh leg. prom. no. 1:134-146 '62.

Automatic optimization of space distribution, Part 4 [with summary in English] L. N. Fitsner. Avtom. i telem 23 no. 2 148-157 F '62

Automatic system for electric welding in a protective atmosphere of carbon dioxide. N. Grigorov. Prom. Arm. 5 no 2:27-29 F '62.

Automation of a fecal pumping house. L. I. Golovchenko, I. O. Kneller. Energetik 10 no. 3:12-14 Mr '62.

Automation of doffing in the scutching shops. I. R. Trofimov, N. N. Truevtsev. Tekst. prom 21 no 6:37-40 Je '61

Automation of feed processing operations M. M. Sokolov Trakt. i sel'khozmash 32 no 1,21-23 Ja '62

Automation of inspection tests of power transformers. R. Mirzoian, A. Airapetian. Prom. Arm. 4 no. 12:35-38 D '61.

Automation of the centerless grinding machine. A. G. Ivchenko, B. L. Smolenskii, M. A. Rokhlenko. Stan. i instr. 33 no 3:40-42 Mr '62.

Automation of the hydraulic transportation. B. I. Zasadych. Ugol' 37 no. 1:24-27 Ja '62.

Automation of the production and analytical control M. A. Veksler, N. N. Timoshenko. Zav. lab. 28 no. 1 3-4 '62.

Automatization of the pouring process. G. M. Orlov, V. K. Sergeanov. Lit. proizv. no 2:23-25 F '62

Bavel'skii, M. D. [Automatic and semiautomatic machinery for wood working] Avtomaty i poluavtomaty mekhanicheskoi obrabotki drevesiny. Moskva, Goslesbumizdat, 1961. 422 p.

Bypass valve for automatic pressure regulation. Z. Abdullaev. Neftianik 7 no. 2:20 F '62.

Centralized control desk for mines. Ugol' Ukr. 6 no. 2: 4 of cover F '62.

Centralized control station in a mine. IU. N. Kamynin. Ugol' Ukr. 6 no. 2:28 F '62.

Choice of a network for the automatic control of a calorimeter. O. A. Gerashchenko and others Shor. trud. Inst. elektrotekh. AN URSR no 10:27-37 '61

Comments on a problem of optimum control. A. I. Egorov. Izsl. po int. -diff. urav. v Kir no. 1:275-284 '61

Concerning A. E. Trop's article "Automatization of hoisting machines with asynchronous drive." V. F. Volokonskii, A. A. Ivanov. Gor. zhur. no. 7:54-57 Jl '61.

Concerning the evaluation of the critical amplification coefficient of single-stage automatic control system consisting of aperiodic members [with summary in English]. L. G. Sobolev. Avtom. i telem. 23 no. 2: 242-243 F '62.

Concerning the mechanical synthesis of compensating devices using a self-tuning system [with summary in English]. O. A. Charkviani, V. K. Chichinadze. Avtom. i telem. 23 no. 2:176-185 F '62

Condition of absolute invariance for closed-loop pulse systems [with summary in English]. IU. V. Krementulo. Avtomatyka no. 1:33-45 '62.

Connection between the invariance theory and statistical methods for studying control systems [with summary in English]. O. H. Ivakhnenko. Avtomatyka no. 1:13-25 '62.

Control of the diesel-generator unit of a diesel locomotive. A. N. Kostromin. Trudy MIIT no 141,177-188 '61.

Controlled systems as systems with nonholonomic constraints. V. V. Dobronravov. [Trudy] MVTU no 104. 27-32 '61

Dekhtiarenko, P. I. [Experimental determination of the frequency characteristics of automatic control systems] Eksperymental'ne vyznachennia chastotnykh kharakterystyk system avtomatychnoho rehuliuvannia. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 143 p

Determination of a frequency characteristic using the computing stages of an electronic calculating machine [with summary in English] L. N. Dorovskikh Avtom. i telem. 23 no. 2 244-247 F '62

Device for gathering petroleum products. T. Skichko Neftianik 7 no. 1 19 Ja '62.

Developing automatic control systems. M. Varich. Gor. zhur. no 7:57 Jl '61.

Discussion of IU. V. Kozin and L. V. Grinshpun's article "Levels and depths of the automation of production processes in mines" N. A. IAkovlev Ugol' 37 no 2:56 F '62.

Dynamics of cyclic automatic control with a minor cycle time B. M. Podchufarov. Izv. vys. ucheb. zav., mashinostr no 12 151-161 '61

Economic efficiency of automatization in mines. A. S. Minevich, Z. E. Al'tshuller. Gor. zhur. no 7:9-13 Jl '61

Economical and dependable automatic block-signal systems. M. A. Okorokov Gor. zhur. no 11 58-62 N '61.

Effect of the small parameter at the highest derivatives in the calculation of systems. L. L. Voznyuk. Zbir. prats' z obchys. mat. i tekh. 3:65-69 '61.

Experience in operating automatic control equipment. IU. N. Chekhovoi. Energetik 10 no. 3:4-7 Mr '62.

Future development of automated industrial electric drives B. B. Voronetskii Prom. energ. 17 no 3:1-4 Mr '62

Genkina, L. A., and A. S. Boronikhin. [Gas distributing stations and distribution regulation points of gas pipelines] Gazoraspredelitel'nye stantsii i kontrol'no-raspredelitel'nye punkty magistral'nykh gazoprovodov. Moskva, Gos. nauchno-tekhn. izd-vo neft i gorno-toplivnoi lit-ry, 1961. 147 p.

IAkobson, V. B. [Automation of refrigerating plants] Avtomatizatsiia kholodil'nykh ustanovok. Izd. 2., perer. i dop. Moskva, Gos. izd-vo torg. lit-ry, 1962. 407 p.

Improve the designing and manufacturing of apparatus for automatic control of mine transportation. V. S. Mozurok. Gor. zhur. no. 10,24-25 O '61

Increasing the operating capacity and improving the safety of automatic coal car change on the surface IU. N. Kamynin Ugol' 36 no. 7 24-27 Jl '61

Induction transducer of displacement with linear scale R. M. Shirokovskii, V. M. Shchigel'skii Avtom. svar. 15 no 3 64-65 Mr '62.

Invariance of multistage pulse systems without disturbance coupling [with summary in English]. V. M. Kuntsevych. Avtomatyka no. 1:26-32 '62.

Is there a need for warp-hangers in automatic weaving? A. F. Potingalov Tekst. prom. 21 no. 12 8-10 D '61.

Katys, G. P. [Automatic control of nonstationary parameters and parametric fields] Avtomaticheskii kontrol' nestatsionarnykh parametrov i parametricheskikh polei. Moskva, Izd-vo Akad. nauk SSSR, 1962. 471 p.

Khalameizer, M. B. [Automatic control in the processing of motion-picture films] Elementy avtomatiki v protsessakh obrabotki kinopленki. Moskva, Gos. izd-vo "Iskusstvo," 1961. 183 p.

Krasivskii, S. P. [Principles of automatic and remote control in industry] Osnovy avtomatizatsiia i telemekhanizatsii proizvodstva. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1961. 382 p.

Measuring waste gas temperatures for the automatic control of the speed of pallet movements in sintering machines. I. D. Reznik, V. I. Bulgakov, M. K. Sazhenov. TSvet. met. 35 no. 2:29-36 F '62.

Methods of maintenance and operation of automatic looms at the Frunze Factory. L. IA. Chertkov. Tekst. prom. 21 no. 6:13-14 Je '61.

Multiplier using a controlled nonlinear resistance [with summary in English]. O. M. Kudriavtsev, R. A. Lipman. Avtom. i telem 23 no. 2 190-195 F '62.

New considerations in multiloop control system theory [with summary in English]. Avtomatyka no. 1:7-12 '62.

New transducers in coal preparation shops. G. IA. Chalyi. Koks i khim. no. 12:18-22 '61.

Operational testing of the automatic control system for the power plant of the "Leninskii Komsomol" steamer. V. Syromiatnikov, L. Sobolev. Mor. flot 22 no. 3,22-26 Mr '62.

Optimalizer, a self-teaching machine. Nauka i zhizn' 28 no. 12:25 D '61.

Organizing the control programming of a lathe. V. I. Salov. Shkola i proizv. 6 no. 2:71-75 F '62

Plans for re-equipping mines. E. A. Sorokin. Gor. zhur. no 12 10-11 D '61.

Principle of the maximum in the theory of optimum control A. I. Egorov Izsl. po int.-diff. urav. v kn. no 1. 213-242 '61.

Problem concerning the realization of the adjustment of parameter compensation in disturbance control systems [with summary in English] A. A. Belen'kii Avtom. i telem 23 no 2 158-162 F '62

Problem concerning the synthesis of an optimum controller in systems with time delay [with summary in English]. Avtom. i telem 23 no. 2 133-137 F '62.

Programming device for lathes. Tekh. mol. 30 no. 1 10 '62.

Prospects for the utilization of pneumatic automation equipment in automatic control systems on ships. V. A. Potiev. Trudy LKI no. 32 77-86 '60.

Remarks concerning A. S. Sergeev's article "Conversion of the structural networks of multistage system with transverse parallel excitation" S. A. Kovchin, A. Sergeev. Izv. vys. ucheb. zav. ;elektromekh. 5 no 1. 113 '62.

Response to V. N. Glov's review of V. G. Savasteev's book "Automation and remote control in mines." Ugol' 37 no. 1:61 Ja '62

Scraper winch 10OLAS with automatic and remote control systems V. N. Makashov. Gor. zhur. no. 10 61-66 O '61

Semiautomatic control of the mechanisms of hoisting equipment shaft doors. P. F. Kivchikov and others Gor. zhur. no. 7:51-54 Jl '61

Shortcomings in the application of over-all mechanization and automation in Donets Basin mines M. T. Matveev, I. V. Sinitsa. Ugol' Ukr. 6 no. 2:24-25 F '62

Specified investigation of characteristics of a standard automatic control system. B. G. Strazitdinov Izv. vys. ucheb. zav. ;prib. 5 no. 1:47-51 '62.

Studying the dynamics of the diesel-generator unit of a diesel locomotive. A. M. Kostromin. Trudy MIIT no. 141:157-176 '61.

Synthesis of automatic control systems with presence random actions. Part 1 [with summary in English] N. I. Sokolov. Avtom. i telem 23 no 2 138-147 F '62

Theoretic and experimental study of the cam system of KZAM-160 automatic mechanisms. IA. I. Chernivskii Trudy KIIIT no. 41:37-47 '61

Transportation of equations of a nonlinear system of automatic control F. N. Rozenvasser. Trudy LKI no. 31 161-171 '60.

Turbovich, I. T. [Method of proximity systems and its use in radio engineering for establishing procedures in designing linear and nonlinear systems] Metod blizkikh sistem i ego primenenie dlia sozdaniia inzhenernykh metodov rascheta lineinykh i nelineinykh radiotekhnicheskikh sistem. Moskva, Izd-vo Akad. nauk SSSR, 1961. 250 p.

Use of electromagnetic flowmeters to measure the flow of ore pulp. L. M. Korsunskii, L. R. Linetskii. TSvet. met. 35 no. 2:15-22 F '62.

Use of tubular furnaces for temperature regulation. F. I. Khasmamedov. Izv. AN Azerb. SSR Ser. fiz.-mat. i tekh. nauk. no. 5:105-116 '61.

Vasil'ev, D. V., V. A. Mikhailov, and B. I. Nornovskii. [Automatic control systems for ships] Sudovye avtomatizirovannye ustanovki. Leningrad, Gos. soiuznoe izd-vo sudostroit. promysh., 1961. 595 p.

Zezin, M. A. [Regulating devices of automatic control systems used in glass manufacture] Reguliruiushchie ustroistva sistem avtomatiki v stekol'noi promyshlennosti. Moskva, Gos. nauchno-issl. in-t stekla, 1961. 53 p. (Sbornik nauchno-tekhnicheskoi informatsii)

AUTOMATIC CONTROL—ABSTRACTS

[Automatic control and radio engineering.] Ref. zhur. Avtom. i radioelektr. no. 1 J '62.

AUTOMATIC CONTROL—BIBLIOGRAPHY see Bibliography—Automatic control

AUTOMATIC CONTROL—CONGRESSES

Development of automatic control methods and electric measurements. M. P. TSapenko. Vest. AN SSSR 32 no. 3:98-99 Mr '62.

Second Congress of the Executive Council of the International Federation on Automatic Control. V. A. Trapeznikov. Azerb. neft. khoz. 40 no. 8 47 Ag '61.

AUTOMATIC CONTROL—STANDARDS

[Types and basic parameters of instruments and automatic controllers in the state standards of the U. S. S. R.] Tipy i osnovnye parametry priborov i avtomaticheskikh regulatorov v gosudarstvennykh standartakh SSSR. Izdanie ofitsial'noe. Moskva, Gos. izd-vo standartov, 1961. 751 p.

AUTOMATIC TELEPHONE see Telephone, Automatic

AUTOMATION

Analyzing criteria characterizing the degree of automation of technological processes. L. I. Bobrik. Izv. vys. ucheb. zav., mashinostr. no. 12:113-120 '61.

"Application of radioactive isotopes in the automatic control of coal mining operations" by V. G. Segalin. Reviewed by N. V. Mel'nikov and others. Ugol' 37 no. 2 60-61 F '62.

Artobolevskii, I. I., and A. P. Vladzievskii, eds. [Automatic production lines in the machinery industry] Avtomaticheskie linii v mashinostroenii, sbornik statei. Moskva, Izd-vo inostr. lit-ry, 1961. 450 p.

Automatic line for manufacturing crawler band pins. I. N. Petrov. Mashinostroitel' no. 2:12 F '62.

Automatic machinery produces steel. O. Chekmar'ov. Nauka i zhyttia 11 no. 1,22-23 Ja '62.

Automation and mechanization of technical-control processes in machinery plants. A. I. Soloduki, K. S. Zorich. Mashinostroenie no. 1:76-77 Ja-F '62.

Automation and mechanization of welding processes and the development of advanced technology. G. A. Nikolaev. Izv. vys. ucheb. zav., mashinostr. no. 12:21-30 '61.

Automation as a subject of study in the course "Machinery and technological processes in the pressworking of metals." A. I. Zimin. Izv. vys. ucheb. zav., mashinostr. no. 12:100-104 '61.

Automation comes to the shop. IA. Mezivetskii. Starsh. sekretar' no. 11:26 O[i.e. N] '61.

Automation demands. E. Lysenko, Prof.-tekh. obr. 19 no. 2,29-30 F '62.

"Automation in the manufacture of machinery" by N. I. Damaskina. Reviewed by T. Vvedenskii. Mashinostroitel' no. 2:48 F '62.

Automation of technological processes in machinery manufacturing. A. P. Vladzievskii. Nauch. trudy MIEI no. 18:13-28 '61.

Automation of the assembling of automobile units. E. A. Bleshtein, M. M. Keplun. Mashinostroitel' no. 2:12-13 F '62.

Automation of the assembling of machinery. I. I. Kapustin. Izv. vys. ucheb. zav., mashinostr. no. 12:64-75 '61.

Automation wants to know everything. L. Girchenko. Izobr. i rats. no. 3:24-26 Mr '62.

Basic rules of the methodology for determining the economic efficiency of mechanization and automation in machinery manufacturing. A. D. Emel'ianov. Nauch. trudy MIEI no. 18:134-147 '61.

Borodaev, D. A. [Technical means for automation in the machinery industry] Tekhnicheskie sredstva avtomatizatsii mashinostroitel'nogo proizvodstva. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 125 p.

Bovsunovskii, IA. I., and L. V. Svechnikov. [Mechanization and automation of control operations in the manufacture of machines and instruments] Mekhanizatsiia i avtomatizatsiia kontrol'nykh operatsii v mashinostroenii i priborostroenii. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 313 p.

Calculating digital systems by the criterion of the mean square deviation. G. K. Krug, A. A. Kosiakin, L. M. Zaidenberg. Izv. vys. ucheb. zav., mashinostr. no. 12:140-150 '61.

Calculating mean frequency and duration of failures in combined automatic control systems. K. A. Jyuda. Izv. vys. ucheb. zav., mashinostr. no. 12:130-134 '61.

Characteristics of determining the level of mechanization and automation in the chemical industry. I. Mashinskii, B. Odintsov. Biul. nauch. inform. trud i zar. plata 5 no. 2:10-15 '62.

Developing mechanization and automation in forge shops. V. S. Blaikovskaia. Nauch. trudy MIEI no. 18:117-123 '61.

Discussion of IU. V. Kozin and L. V. Grishpun's article "Levels and depth of the automation of operations in mining." A. M. Vartiamants, M. A. Gol'din, E. S. Snagovskii. Ugol' 36 no. 7:17-23 Jl '61.

Economics and automation. A. Gromov. Izobr. i rats. no. 3:1-2 Mr '62.

Foundries will be transformed. I. Bol'shakov. Izobr. i rats. no. 3:3-4 Mr '62.

Further development of automation in road construction. M. Veitsman. Avt. dor. 25 no. 1:9-10 Ja '62.

History of the development of metal-cutting tools in connection with the automation of metal cutting processes. O. I. Mykhailenko. Nar. z ist. tekh. no. 7:67-73 '61.

Industrial training of automatic equipment operators. Report No. 1. Psychological analysis of an operator's occupation. I. S. IAkimanskaia. Dokl. APN 5 no. 2:83-86 '61.

Industrial training of automatic equipment operators. Report No. 2. Comparative characteristic of the activities of operators of different skill grade in their work on the adjustment of automatic equipment. I. S. IAkimanskaia. Dokl. APN 5 no. 3:81-86 '61.

Introduction. L. P. Lazarev. Izv. vys. ucheb. zav., mashinostr. no. 12:5-6 '61.

Investigating the possibility of automation of the assembling of machine units in mass production. V. V. Kosilov. Izv. vys. ucheb. zav., mashinostr. no. 12:76-81 '61.

Machinery of our tomorrow. P. Mel'nyk. Nauka i zhyttia 11 no. 1:27-29 Ja '62.

Mechanization and automation of hoisting and conveying operations in the machinery industry. I. P. Krutikov. Izv. vys. ucheb. zav., mashinostr. no. 12:43-55 '61.

Mechanization and automation of the polishing of gas-turbine engine blades. B. V. Shaskol'skii. Izv. vys. ucheb. zav., mashinostr. no. 12:105-112 '61.

Methodology for determining the economic efficiency of mechanization and automation in machinery manufacturing. A. I. Noskov. Nauch. trudy MIEI no. 18:173-176 '61.

Mine without people. V. Geier. Nauka i zhyttia 11 no. 1:19-20 Ja '62.

One of the most efficient systems. V. Lants. Izobr. i rats. no. 3:2 Mr '62.

The 1L89 automatic production line. IU. I. Komarov. Biul. tekh.-ekon. inform. no. 1:22-24 '62.

Organization of work in machinery manufacturing where the over-all mechanization and automation of production processes are in effect. E. P. Voronin. Nauch. trudy MIEI no. 18:237-252 '61.

Organization of work on the over-all mechanization and automation of production processes in machinery manufacturing enterprises of the Moscow City Economic Council. N. A. Razumov. Nauch. trudy MIEI no. 18:52-90 '61.

Osipov, G. V. [Automation in the U. S. S. R.] Avtomatizatsiia v SSSR. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 100 p.

Over-all mechanization and automation of production at the First State Bearing Plant. A. V. Derbishev. Nauch. trudy MIEI no. 18:91-101 '61.

Over-all solution of automation problems. D. S. Gorshkov. Les prom. 39 no. 12:4-6 D '61.

Physical education and the automation of production. N. I. Ponomarev. Teor. i prak. fiz. kul't. 24 no. 10:773-775 '61.

Practice in determining the economic efficiency of automation in machinery manufacturing. G. A. Balanskii, A. P. Stepanov. Nauch. trudy MIEI no. 18:156-172 '61.

Practice in work organization under the conditions of the over-all mechanization of production. V. V. Bitunov. Nauch. trudy MIEI no. 18:266-280 '61.

Problems concerning electrification and automation as viewed in the light of the decisions of the 22d Congress of the CPSU. O. M. Miliakh. Avtomatyka no. 1:3-1 '62.

Problems in the mechanization and automation of processes in the small-lot production of machinery manufacturing. V. V. Boitsov. Nauch. trudy MIEI no. 18:29-39 '61.

Problems of economic effectiveness of new equipment and means for automation. G. A. Shaumian. Izv. vys. ucheb. zav., mashinostr. no. 12:31-42 '61.

Problems of mechanization and automation in introducing advance technological processes in the machinery industry. E. A. Satel. Izv. vys. ucheb. zav., mashinostr. no. 12:7-20 '61.

Psychological analysis of the content and methods of training in the adjustment of automatic machine tools and production lines. Report No. 1. Psychological analysis of the activities involved in the adjustment of automatic machine tools and production lines. V. IA. Dymerskii. Dokl. APN 5 no. 2:70-82 '61.

Psychological analysis of the content and methods of training in the adjustment of automatic machine tools and production lines. Report No. 2. Some mental problems characteristic of the work on the adjustment of automatic machine tools and production lines. V. IA. Dymerskii. Dokl. APN 5 no. 3:79-80 '61.

Reducing the problem of memory allocation in programming to the problem of coloring graph vertices. A. P. Ershov. Dokl. AN SSSR 142 no. 4:785-787 F '62.

Several methodological problems of the analysis of work organization where the over-all automation of production processes is in effect. A. I. Katsenelinbeigen. Nauch. trudy MIEI no. 18:206-214 '61.

Several problems in the automation of machinery manufacturing production. E. A. Satel'. Nauch. trudy MIEI no. 18:8-12 '61.

Social conditions and the development of automation. O. V. Kozlova. Nauch. trudy MIEI no. 18:5-7 '61.

Some automation problems at the Kharkov and Stalingrad Tractor Plants. G. A. Vasil'ev. Nauch. trudy MIEI no. 18:102-116 '61.

Some problems in the automation of series production in the machinery industry. G. A. Kiselev. Izv. vys. ucheb. zav., mashinostr. no. 12:56-63 '61.

Special features of work organization in mechanized and automated production. N. N. Zakharov. Nauch. trudy MIEI no. 18:197-205 '61.

Specialization in the manufacturing of parts and the automation of production in machinery manufacturing. T. D. Sakaganskii. Nauch. trudy MIEI no. 18:40-46 '61.

Speed up the transition to over-all mechanization and automation. I. Shchetinin. Nar. khoz. Kazakh. 20 no. 2:60-61 F '62.

Strengthen the metrological basis of automation. S. P. Krasivskii. Izm. tekh. no. 2:1-2 F '62.

[Technology summons us] Tekhnika zovet. [Moskva] Mosk. rabochii, 1961. 194 p.

Theory of the productivity of industrial machinery as the basis for determining the economic efficiency of the over-all automation of production. S. I. Artobolevskii. Nauch. trudy MIEI no. 18:148-155 '61.

Tikhonov, V. IA. [Automation of skip hoists with an asynchronous drive and relay cascade control] Avtomatizatsiia skipovykh pod"emnykh ustanovok s asinkhronnym privodom pri releino-stupenchatom upravlenii. Alma-Ata, TSentr. in-t nauchno-tekhn. informatsii, 1960. 17 p.

Tomorrow of the automation. IU. I. [illegible] zhyttia 11 no. 12:19-11 D '61.

Using digital computers for obtaining [illegible] tics of combined controlled machine [illegible] statistical data. V. P. Bozodlin [illegible] bakov. Izv. vys. ucheb. zav. [illegible] 139 '61.

Using "learning" systems in the [illegible] production processes. A. V. Nota [illegible] Letskii. Izv. vys. ucheb. zav. [illegible] 128 '61.

Vel'kin, I. E. [The manufacture of [illegible] logical progress] Mashinostroenie [illegible] progress. Moskva, Izd-vo "Znanie," [illegible] (Narodnyi universitet kul'tury [illegible] fakul'tet, no. 5)

Work organization in machinery [illegible] the over-all mechanization and [illegible] processes are in effect. V. I. [illegible] trudy MIEI no. 18:253-266 '61.

AUTOMATION—BIBLIOGRAPHY see Automation

AUTOMATION—ECONOMIC ASPECTS

"Automation and society" by Jan Ames[illegible]. V. Moscilov. Nar. khoz. Ka[illegible]

AUTOMOBILE DRIVERS

"Automobilist." Reviewed by [illegible] transp. 40 no. 2:62 F '62.

Kobezskyi, V. L., and S. M. Nyuhrad [illegible] in driving tractors, automobiles, [illegible] agricultural machines] Prakticheskie [illegible] rakh, avtomobiliakh i samokhodnykh [illegible] stvennykh mashinakh. Moskva, Izd. [illegible] zhurnalov i plakatov, 1961. 230 p.

Nagula, G. E., V. S. Kalinskii, and A. F. [illegible] for motor vehicle drivers of the third [illegible] shofera tret'ego klassa. Izd. 4., [illegible] Nauchno-tekhn. izd-vo M-va avtomobil'nogo [illegible] shosseinykh dorog RSFSR, 1961. [illegible] populiarnaia biblioteka avtomobilista.)

AUTOMOBILE INDUSTRY

(see also subdivision under Finance, Metal-working)

Automobile industry in 1961. A. Anisov. 40 no. 2:38-41 F '62.

AUTOMOBILE INDUSTRY—TECHNOLOGICAL INNOVATIONS see subdivision [illegible]

AUTOMOBILE INDUSTRY WORKERS

Cultural and technical development of workers during the fifth five year [illegible] B. M. IAkovlev. Ist. zap. no. 70,11 [illegible]

AUTOMOBILE INDUSTRY WORKERS—HYGIENE see subdivision under Medicine.

AUTOMOBILE MECHANICS

Correspondence training of mechanics. [illegible] Avt. transp. 40 no. 2:19 F '62.

AUTOMOBILE RACING

(see also subdivision under Rally)

General regulations for rally. [illegible] 20 no. 1:18-19 Ja '61.

Racing in 1962. Za rul. 20 no. [illegible]

Two hundred sixty-seven international [illegible] L. Afanas'ev. Za rul. 20 no. [illegible]

AUTOMOBILE WORKERS

Memorable milestones. L. Nedoshivin. [illegible] no. 2:38-41 '62.

AUTOMOBILES

Barkhi, L. D., and L. A. Givartovskii. [[illegible] car with small displacement] "Zaporozhets" [illegible] litrazhnyi avtomobil'. Moskva, Izd-vo "Fizkul'tura i sport," 1961. 149 p.

The 48th Automobile Exhibition in Paris. [illegible] Avt. transp. 40 no. 2:59 F '62.

AUTOMOBILES—BIBLIOGRAPHY see Automobiles

AUTOMOBILES—BODIES

Experimental investigation of the aerodynamics of "Zaporozhets" car body. IU. N. Sinitsyn, [illegible] Chapka. Avt. prom. 28 no. 1:8-11 Ja [illegible]

AUTOMOBILES—BRAKES

Repair of brake cylinders. I. I. Spashkov. [illegible] 22 no. 2:38 F '62.

AUTOMOBILES—DESIGN

Prospective makes of automobiles. [illegible] A. [illegible] Avt. prom. 28 no. 2,6-8 F '62.

AUTOMOBILES—ELECTRIC EQUIPMENT

Drivers! Attention! V. Markelov. Sel'. mekh. no. 2: 42-43 '62.

Electrical equipment of an automobile. V. Anokhin. Sel'. mekh. no. 2: 37-40 '62.

Trends in the development of electric equipment of automobiles. S. P. Bannikov. Za rul. 20 no. 1: 25-26 Ja '62.

AUTOMOBILES—ENGINES—COOLING

Increasing the reliability of engine cooling systems. A. K. Gavrilov, P. I. Shevchenko. Avt. prom. 28 no. 1: 11-14 Ja '62.

AUTOMOBILES—ENGINES—CYLINDERS

Screw cap instead of a locking ring. F. Ulukaev. Tekh. v sel'khoz. 22 no. 2: 91 F '62.

AUTOMOBILES—EQUIPMENT AND SUPPLIES

Automatic device for facilitating the driving of a car. V. K. Zorin. Avt. prom. 28 no. 1: 45-46 Ja '62.

AUTOMOBILES—EQUIPMENT AND SUPPLIES—TESTING

Device for checking windshield wipers. V. Zinov'ev. Avt. transp. 40 no. 2: 52 F '62.

AUTOMOBILES—FUEL SYSTEMS

New method for determining the tightness of piston pairs. A. I. Bashkatov, R. M. Bashirov, I. S. Smirlagin. Trakt. i sel'khozmash. 32 no. 2: 9-11 F '62.

AUTOMOBILES—INSPECTION

Accepting an automobile. N. Sergienko. Starsh.-serzh. no. 10: 13 O '61.

AUTOMOBILES—LUBRICATION

Concerning the determination of mechanically added constituents in the crankcase oil of engines with oil filtering devices. K. A. Pavlov. Trakt. i sel'khozmash. 32 no. 2: 12-14 F '62.

AUTOMOBILES—MAINTENANCE AND REPAIR (see also subdivision under Tiflis)

Device for removing screws. V. Zinov'ev. Tekh. v sel'khoz. 22 no. 2: 90 F '62.

Regular breakdowns should not occur. N. IAstremskii. Starsh.-serzh. no. 11: 20 O '61.

Repair of automobile and tractor test equipment. B. Tret'iakov, S. Panchenko. Tekh. v sel'khoz. 22 no. 2: 70-73 F '62.

Stand built by a sergeant. D. Ostrovskii. Starsh.-serzh. no. 9: 31 S '61.

Useful device. IU. IA. Kontakhin. Put' i put. khoz. 6 no. 2: 23 '62.

AUTOMOBILES—MODELS

The young technicians take to the wheel. V. Kulichenko. IUn. tekh. 6 no. 1: 65-67 Ja '62.

AUTOMOBILES—MODELS—RADIO CONTROL

Radio controlled model. M. Gorchakov. IUn. tekh. 6 no. 1: 62-64 Ja '62.

AUTOMOBILES—RADIATORS

Testing automobile radiators made of arsenic brass. A. E. Gupius and others. Trudy Giprotsvetmetobrabotka no. 20: 280-286 '61.

AUTOMOBILES—ROAD GUIDES

Popadeikin, V. I. [Moscow - Minsk - Brest; automobile road guide] Moskva - Minsk - Brest; putevoditel' po avtomobil'noi doroge. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961. 167 p.

AUTOMOBILES—TIRES see subdivision under Erivan

AUTOMOBILES—TRANSMISSION DEVICES

Aksenenko, V. D., and A. V. Petrov. [Planetary and hydraulic transmissions] Planetarnye i gidravlicheskie peredachi. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 245 p.

AUTOMOBILES—TRANSMISSION DEVICES—VIBRATION

Damping noises in a distributor box. S. Losev. Za rul. 20 no. 1: 24 Ja '62.

AUTOMOBILES—WHEELS

Additional alignment control of front wheels. G. Uglov. Avt. transp. 40 no. 2: 52 F '62.

AUTOMOBILES, MILITARY—MAINTENANCE AND REPAIR

Searchers. V. Otkidach. Sov. voin. 43 no. 22: 34-35 N '61.

AUTOMOBILES, PLASTIC

Building racing car body of glass reinforced plastics. V. Panfilov. Za rul. 20 no. 1: 16a-16c Ja '62.

AUTOMOBILES, RACING

Helping technological development. S. Glazonov. Za rul. 20 no. 1: 3 Ja '62.

Racing car. B. Efimov. Za rul. 20 no. 1: 22-23 Ja '62.

AUTOMOBILES, RENTAL

Some legal problems concerning the rental of goods and motorcars. M. Kartasheva. Sov. iust. no. 4: 11-12 F '62.

AUTOMOTIVE TRANSPORTATION see Transportation, Automotive

AUTONOMIC DRUGS

Characteristics of nutritional hyperglycemia and the absorption of glucose by the intestine in a vegetative ganglionic block produced by ganglionlytic preparations. I. A. Dzhevetskaia. Fiziol. zhur. 48 no. 2: 207-212 F '62.

Comparative evaluation of the curative action of domestic drugs in stenocardia. F. IA. Rozenblat, S. S. Barats, N. I. Shcherba. Kaz. med. zhur. no. 4: 67-69 Jl-Ag '61.

Effect of neurotropic substances and denervation of the spleen on the tumal development of ovarian grafts. IU. N. Bordiushkov. Vop. onk. 8 no. 2: 24-26 '62.

Effect of some neurotropic substances on the effectiveness of insulin therapy in diabetes mellitus. E. S. Tumanenkova. Terap. arkh. no. 9: 89-91 '61.

Influence of autonomic ganglionic block on the course of postmicrobial leukocytosis [with summary in English]. N. I. Kruglova. Zhur. mikrobiol., epid. i immun. 32 no. 9: 34-37. S '61.

Remissions in schizophrenia after treatment with neuroleptic substances and supporting therapy [with summary in French]. G. V. Zenevich. Zhur. nevr. i psikh. 61 no. 11: 1728-1734 '61.

Use of neuroplegics in compound treatment in toxic pneumonia in infants. A. F. Dobrogaeva, L. S. Liuboshits. Zdrav. Bel. 7 no. 8: 53-56 Ag '61.

AUTONOMIC NERVOUS SYSTEM see Nervous System, Autonomic

AUTOTHERAPY

Case of autotherapy of a multilocular osseous cyst of atypical location. S. A. Akhmedov. Azerb. med. zhur. no. 8: 83-84 Ag '61.

AUXILIARY POLICE

Advice for voluntary policemen and the members of fellow workers' courts. Rad. pravo no. 1: 97-101 Ja-F '61.

From the work experience of voluntary policemen. N. Tereshko, M. Pluzhnykov. Rad. pravo no. 1: 94-96 Ja-F '62.

AVALANCHES see subdivision under Russia, Northern

AVDEYEVO—STONE IMPLEMENTS

Special features of stone implements from the neolithic site of Avdeyevo. M. D. Gvozdover. Krat. soob. Inst. arkheol. no. 82: 112-119 '61.

AVESTA LANGUAGE—GRAMMAR

Sokolov, S. N. [The Avesta language] Avestiiskii iazyk. Pod obshchei red. G. P. Serdiuchenko. Moskva, Izd-vo vostochnoi lit-ry, 1961. 121 p. (IAzyki zarubezhnogo Vostoka i Afriki)

AVIATION MEDICINE

Early diagnosis of arteriosclerotic cardiosclerosis in flyers. V. N. Rusanov. Voen.-med. zhur. no. 8: 56-59 Ag '61.

Importance of an experimental psychological examination in the diagnosis of early forms of cerebral arteriosclerosis in flying personnel. I. M. Moskovich. Voen.-med. zhur. no. 8: 59-60 Ag '61.

Successive visual images in flying activity. V. P. Zagriadskii, N. M. Listova. Voen.-med. zhur. no. 8: 61-64 Ag '61.

AVITAMINOSIS see Deficiency diseases

AVRORA (CRUISER)

We are the builders of a happy life. D. Sokolau. Belarus' 19 no. 2: 10 F '62.

AVVAKUM, PROTOPOPE, 1621?-1682

Outstanding landmark of ancient Russian literature. N. S. Demkova. Vest. AN SSSR 32 no. 2: 108 F '62.

AXIAL FANS see Fans, Mechanical

AXINITE see subdivision under Pechenga District

AZAINDOLE

Derivatives of 7-azaindole. Part 3: Formation of 7-azaindolines during the reaction of secondary amines with hydroxyhalo derivatives of pyridine. L. N. IAkhontov, M. V. Rubtsov. Zhur. ob. khim. 32 no. 2: 432-436 F '62.

AZEOTROPY

Kogan, V. B. [Azeotropic and extractive rectification] Azeotropnaia i ekstraktivnaia rektifikatsiia. Leningrad, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1961. 314 p.

AZERBAIJAN—AERONAUTICS IN MOSQUITO CONTROL

New method for calculating flights. N. Balakiiev. Grazhd. av. 18 no. 11: 27 N '61.

AZERBAIJAN—BLACK FLIES

[Fauna of Azerbaijan] Fauna Azerbaidzhana. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR.

Vol. 5, no. 1. Dzhafarov, Sh. M. [Diptera. Black flies (Simuliidae)] Dvukrylye nasekomye. Moshki (sem. Simuliidae), 1960. 154 p.

AZERBAIJAN—BOLLWORM

Work of the Azerbaijan Plant Protection Station in controlling cotton bollworm (Chloridea obsoleta F.). A. E. Rodd, N. L. Ivanskii. Trudy AzSTAZRa 1: 17-35 '60.

AZERBAIJAN—BOOKSELLERS AND BOOKSELLING

Commitments of rural booksellers in Azerbaijan. Sov. knizh. torg. 15 no. 1: 7 Ja '62.

AZERBAIJAN—CLUBHOUSES

Determining the capacity of rural clubhouses [in Azerbaijani with summary in Russian]. Niiazi Rzaev. Dokl. AN Azerb. SSR 17 no. 11: 1107-1110 '61.

AZERBAIJAN—COMMUNISM

Azerbaijan is an advance of socialism at the frontier of orient [in Azerbaijani with summary in Russian]. M. Salimov, Kh. Alimurzoev. Uch. zap. AGU Ser. obshchestv. nauk no. 2: 55-70 '60.

AZERBAIJAN—CONDENSATE OIL WELLS

Development and exploitation of gas-condensate fields in Azerbaijan. A. G. Durmishkhan. Neft. khoz. 40 no. 1: 32-36 Ja '62.

AZERBAIJAN—COTTON—FERTILIZERS AND MANURES

Effect of iodine fertilizers on cotton yields [in Azerbaijani with summary in Russian]. Sh. M. Kuliev. Dokl. AN Azerb. SSR 17 no. 11: 1069-1072 '61.

AZERBAIJAN—FLOOD FORECASTING

Forecasting floods resulting from rains in mountain rivers. T. P. Ostpova. Sbor. rab. po gidrol. no. 2: 126-128 '61.

AZERBAIJAN—GAS, NATURAL—GEOLOGY

Possible factors determining the accumulation of oil and gas in Cretaceous sediments of the Tenginsk-Beshbarmak strip (Caspian-Kuba region). Ch. U. Abdurashitov. Izv. vys. ucheb. zav., neft' i gaz 4 no. 5: 3-7 '61.

AZERBAIJAN—LAND TENURE

Committees of the poor and the development of the socialist revolution in rural Azerbaijan. G. A. Dadashev. Uch. zap. AGU, Ser. obshchestv. nauk no. 2: 55-70 '60.

AZERBAIJAN—LAW—STUDY AND TEACHING

Development of legal science and education in Soviet Azerbaijan. K. G. Mamedov. Uch. zap. AGU Ser. obshchestv. nauk no. 2: 83-93 '60.

AZERBAIJAN—MICROPALEONTOLOGY

Possibility of studying microfauna of Azerbaijan Cretaceous sediments [in Azerbaijani with summary in Russian]. Ch. A. Taitov. Azerb. neft. khoz. 40 no. 8: 6-8 Ag '61.

AZERBAIJAN—MOTHS

Problem of controlling the mallow moth (Gelechia malvella Hubn.). A. E. Rodd, N. I. Ivanskii, Z. M. Agaeva. Trudy AzSTAZRa 1: 36-53 '60.

AZERBAIJAN—MULBERRY—VARIETIES

Effect of the leaf quality of commercial mulberry varieties on the yield and technological indices of cocoons. I. K. Abdullaev, N. G. Badalov. Dokl. AN Azerb. SSR 17 no. 11: 1065-1069 '61.

AZERBAIJAN—OIL FIELDS—PRODUCTION METHODS

Oil field of communist labor. Neftianik 7 no. 1: 3-4 Ja '62.

AZERBAIJAN—OIL WELL DRILLING

Foreman Samedov's crew. T. Kh. Abramian. Neftianik 7 no. 1: 5 Ja '62.

Reducing the clearance between the walls of a well and a casing column being set is a way of reaching great depths and increasing the drilling rate. A. F. Rustambekov. Azerb. neft. khoz. 40 no. 8: 11-14 Ag '61.

AZERBAIJAN—OIL WELL DRILLING, SUBMARINE—ELECTRIC EQUIPMENT

High-frequency parameters of low-voltage electric networks of offshore oil fields. D. I. Vigdorov. Izv. vys. ucheb. zav., neft' i gaz 4 no. 5: 95-102 '61.

AZERBAIJAN—OIL WELL LOGGING, RADIATION

Listengarten, D. M. [Practice of the Oil Field Administration of the Lenin Petroleum Trust in using radioactive methods in oil-field geology] Radioaktivnye metody v neftepromyslovoi geologii; opyt NPU "Leninneft'." Baku, Azerbaidzhanskoe gos. izd-vo, 1961. 150 p.

AZERBAIJAN—OIL WELL PUMPS—MAINTENANCE AND REPAIR

Stand for pumps. T. Abramian. Neftianik 7 no. 2: 23 F '62.

AZERBAIJAN—OIL WELLS

Foreman Abdullaev. A. Martkovich. Neftianik 7 no. 1: 15-16 Ja '62.

AZERBAIJAN—PETROLEUM GEOLOGY

Possible factors determining the accumulation of oil and gas in Cretaceous sediments of the Tenginsk-Beshbarmak strip (Caspian-Kuba region). Ch. U. Abdurashitov. Izv. vys. ucheb. zav.; neft' i gaz 4 no. 5: 3-7 '61.

AZERBAIJAN—PHILOSOPHY—STUDY AND TEACHING

Development of philosophy at the university during the years of Soviet government [in Azerbaijani with summary in Russian]. F. Kasim-zade. Uch. zap. AGU. Ser. obshchestv. nauk no. 2: 71-82 '60.

AZERBAIJAN—PLANTS, PROTECTION OF

Short historical outline of the work of the Azerbaijan Plant Protection Station (1930-1957) S. G. Abdullaev Trudy AzSTAZRa 15-16 '60

AZERBAIJAN—POLITICS AND GOVERNMENT

Committees of the poor and the development of the socialist revolution in rural Azerbaijan G A Dadashev. Uch zap AGU Ser obshchestv nauk no 2 55-70 '60

AZERBAIJAN—POTATOES—DISEASES AND PESTS

Potato stalk nematode (Ditylenchus destructor Thorne) in Azerbaijan, preliminary report A. A. Aliev Trudy AzSTAZRa 1.78-80 '60

AZERBAIJAN—REVOLUTION, 1917-1921

Communist Party organized the victory of Soviet government in Azerbaijan Z Ibragimov Uch. zap. AGU Ser obshchestv. nauk no 2 95-108 '60

AZERBAIJAN—SPINAL CORD—INFLAMMATION

Myelitis in Azerbaijan and some of its clinical forms [in Azerbaijani with summary in Russian] R G Karagezov Azerb med zhur no 11 27-30 N '61

AZERBAIJAN—TURBODRILLS

Outlook for using the turbodrilling method in test drilling. G. N Dzhalil-Zade, N I. Nadzhafov Azerb neft khoz 40 no 8 20-23 Ag '61

AZERBAIJAN—WATER (IN RELIGION, FOLKLORE, ETC.)

Materials on water worship in Azerbaijan [in Azerbaijani with summary in Russian]. G A Guliev. Dokl. AN Azerb. SSR 17 no. 11:1103-1106 '61.

AZERBAIJAN UNIVERSITY

The 40th anniversary of the Azerbaijan State University. Sh F. Mekhtiev Uch. zap. AGU Ser. obshchestv. nauk no 2 3-13 '60

AZERBAIJANI LANGUAGE

Development of Azerbaijan linguistics during the years of Soviet government [in Azerbaijani with summary in Russian] M. Gusein-zade Uch. zap. AGU Ser. obshchestv. nauk no 2 45-54 '60

AZERBAIJANI LANGUAGE—WORDS

Meaning of the term "bakhre" [in Azerbaijani with summary in Russian]. Ali Guseinzade. Dokl. AN Azerb. SSR 17 no. 11:1097-1101 '61.

AZETIDINONE

Synthesis and properties of 1-dimethylamino-3-methyl-2-azetidinone T A Sokolova, L A Ovsiannikova Dokl AN SSSR 143 no 1 140-142 Mr '62

AZGUR, ZAIR ISAAKOVICH, 1908-

Roginskaia, F. S. Zair Isaakovich Azgur. [Moskva, Akad. khudozh SSSR, 1961] 90, xvi p. illus, plates (MH)

AZNAKAYEVO DISTRICT—AGRICULTURE

They back up good plans with good work. K. Sergeev. Part. zhizn' no. 4:13-49 F '62.

AZO COMPOUNDS

Heterolytic transformations of polyfluorinated azo alkanes V. A. Ginsburg and others. Dokl. AN SSSR 142 no. 2 354-357 Ja '62

Mechanism of the complexing reactions between ions of some bivalent metals and 8-hydroxyquinoline azo derivatives A. I. Cherkesov Dokl AN SSSR 142 no 5: 1098-1100 F '62

p-Dimethylaminophenylmercury derivatives of aminoazo compounds A. N. Nesmeianov, D. N. Kravtsov. Dokl AN SSSR 142 no. 5:1088-1090 F '62

AZORES—MILITARY BASES, AMERICAN

A military base of the U.S.A. on the Azores. Mezhdunar. zhizn' 9 no.4.149 Ap '62.

AZOV—HISTORY, MILITARY

Popov, M. IA. [The Seige of Azov] Azovskoe sidenie. Moskva, Gos. izd-vo "Vyshaia shkola," 1961. 89 p.

AZOV, SEA OF—SAND BARS

Sediment lamination and graded bedding in the zone of marine underwater bars I I Shurko Trudy Inst. okean. 53:58-63 '61

Some intermediate relief forms in the zone of underwater bars E. N. Egorov Trudy Inst. okean 53:52-57 '61.

AZOV SEA REGION—GEOLOGY, STRUCTURAL

Structural relief and tectonics in the norther part of the region of the Sea of Azov N. N Karlov. Dokl AN SSSR 142 no. 6 1362-1364 F '62.

AZOV SEA REGION—VALLEYS

Slopes and elevations of drainage basins in the northern part of the region of the Sea of Azov. I. M. Kistyi. Sbor. rab. po gidrol. no. 2:144-146 '61.

BCG

Effectiveness of treating adolescents with pulmonary tuberculosis with antibacterial preparations and BCG vaccine [with summary in English]. S. D. Paporish. Sov. med. 25 no. 12:73-77 D '61.

BABOONS

Postcentral region of the cerebral cortex in Papio hamadryas T. I Belova Vop. antr no. 6:30-43 '61.

BABUSHKIN—KILNS, ROTARY

Study of the operating conditions of the rotary kilns in the ceramic plant in the former city of Babushkin in Moscow Province. P. I. Berenshtein. Trudy NIIStroikeramiki no. 16,112-131 '60.

BACH, JOHANN SEBASTIAN, 1685-1750

Galatskaia, V. S. [Musical literature of foreign countries; textbook for music schools. Translated by P. Riba] Aizrobezu muzikas literatura, Macibu gramata skolam. Riga Latvijas Valsts izdevniecība. [In Latvian] Vol. 2. 1961. 218 p.

BACILLE CALMETTE-GUÉRIN see BCG

BACILLUS MEGATERIUM

Changes in the biosynthesis of vitamin B_{12} and p-aminobenzoic acid in Bacillus megaterium due to the effect of adaptation to norsulfazole N. D. Ierusalimskii, L. D. Shaforostova. Dokl AN SSSR 142 no 5:1176-1178 F '62.

BACTERIA see subdivision under Mediterranean Sea

BACTERIA, EFFECT OF DRUGS ON

Influence of acquired resistance to antibiotics on the viability of dysenterial bacteria V. S. Cherevatyi Zdrav. Kazakh. 21 no 10:57-59 '61.

Primary drug resistance in pulmonary tuberculosis. K. V. Shmalii and others. Vrach. delo no. 1:98-100 Ja '62.

BACTERIA, PATHOGENIC

Significance of bacterial flora in the development of postoperative empyema in tuberculous empyema of the pleura [with summary in English] R. M. Rozenfel'd, P Kh Vinokurova. Grud khir. 4 no 1:81-84 Ja-F '62.

BACTERIA, PHYTOPATHOGENIC

Metabolites of tumor causing bacteria as growth stimulants of higher plants. R. M Galach'ian Izv. AN Arm SSR. Biol nauki 15 no. 1:15-24 Ja '62.

BACTERIA, SPOREFORMING

Stabilization of suspensions of spores and vegetative forms of microbes and their use in research on the activity of antibiotics [with summary in English] V. L. Shiriaeva. Antibiotiki 7 no 1:76-80 Ja '62.

BACTERICIDES

Use of a microbicidal novocaine solution among other drugs for the local treatment of the inflammatory-dystrophic form of pyorrhea alveolaris Z. A. Flis. Probl. stom. 5:57-62 '60.

BACTERIOLOGY—CULTURES AND CULTURE MEDIA

Comparative dynamics of the accumulation of amino acids in the different bases of the culture medium for the growth of microbes depending on the method of its preparation Part 2. A. A. Mamedov. Azerb. med zhur. no. 8:71-74 Ag '61.

Hemoculture, myeloculture, and complement fixation reaction in cold for antigen detection at various stages of brucellosis infection. V. M. Medzhidov. Med. zhur. Uzb. no 12:55-59 D '61

Method of continuous flow cultures and its significance for the analysis of cellular functions N. D. Ierusalimskii Vest AN SSSR 32 no. 3:40-45 Mr '62.

Simple method for observing the development of microorganisms on solid nutrient media P. I Anisimov, L N. Klassovskii Lab. delo 8 no 2:39-40 F '62.

BACTERIOLOGY—EQUIPMENT AND SUPPLIES

Electrical burner for bacteriological work IU. I Litinskii. Lab. delo 8 no 2:56-57 F '62

BACTERIOLOGY—TECHNIQUE

New medium for the microscopic counting of bacteria in a chamber. B. A. Fikhman. Lab. delo 8 no. 2:55-56 F '62.

BACTERIOPHAGE

Aldolase activity in the mild form of acute bacillary dysentery treated with chlortetracycline and bacteriophage [with summary in English] G. S. Mironov. Antibiotiki 7 no. 2 155-157 F '62.

Conditions for the preservation of bacteriophage. E. I. Milevskii, N. I. Lavrent'ev, S. V. Zakharenko. Voen.-med. zhur. no. 8:77 Ag '61.

Gol'dfarb, D. M. [Bacteriophagy] Bakteriofagita. Pod red. i s predisl. V. D. Timakova. Moskva, Medgiz, 1961. 287 p. (DNLM)

Phage and antibiotic treatment of experimental cholera [with summary in English] A G. Spmova. Antibiotiki 7 no. 2 128-135 F '62.

Use of the increased phage titer reaction for study of the ways of transmitting infection in dysentery. B. IA. Pontavin. Zdrav. Bel. 7 no. 12:38-39 D '61.

BADAKHSHAN—TRADE ROUTES

Ancient trade routes of Badakhshan. T. Abaeva. Nauch. rab. i soob. Otd. obshchestv. nauk AN Uz. SSR 2: 181-190 '61.

BAGGING—DISINFECTION

Disinfecting sacks on a conveyer. V. Andrinkin. Muk.-elev. prom 27 no 12:24-25 D '61

BAHMUT, IVAN

"Blue reaches of the river"; a tale by I. Bahmut. Reviewed by M. Shapoval. Neva no 10:207-208 '61.

BAIKAL LAKE REGION—PETROGLYPHS

Petroglyphs on the shores of Lake Baikal. P. P. Khoroshikh Etn. sbor no 1:45-58 '60

BAIKAL RANGE—SCHISTS

Determination of the age of metamorphic schists of the Baikal-Sayan mountainous region in the Academy of Sciences of the Ukrainian S. S. R. M P Semenenko, F. I Kotlovet'ya, S. H Demydenko. Geol zhur. 21 no 6: 55-66 '61.

BAIKAL REGION—SZAIBELYITE

Aschanite from the Baikal iron ore deposit in the Urals A. S Varlakov Dokl. AN SSSR 143 no 1 207-209 Mr '62.

BAKELITE

Russia (1917- R. S. F. S. R.) Moskovskii gorodskoi ekonomicheskii rain. Sovet narodnogo khoziaistva [Substitute for "pul'verbakelite" in casting in shell molds] Zamenitel' pul'verbakelita dlia lit'ia v obolochkovye formy. Moskva, TSentr. biuro tekh. informatsii, 1959. 29 p. [MICROFILM]

Using bakelite lacquer as a protective coating against the corrosion of apparatus used in the coke-chemical industry. Z. I. Levchenko, N. M. Dankova, I E. Matveeva. Koks i khim no. 12 55-57 '61

BAKERS AND BAKERIES see subdivision under Taslinograd District; Ukraine

BAKERS AND BAKERIES—EQUIPMENT AND SUPPLIES

Determining baking properties of rye flour with a penetrometer. L. IA. Auerman, L. V. IAkovleva. Izv. vys. ucheb. zav., pishch tekh. no. 6:135-137 '61.

Zaitsev, N. V. [Technological equipment of bakeries] Tekhnologicheskoe oborudovanie khlebozavodov. Izd. 2., perer. i dop. Moskva, Pishchepromizdat, 1961. 564 p.

BAKHCHISARAY DISTRICT—GEOLOGY, STRATIGRAPHIC

The mesolithic complexes of the Alimovskiy Cliff, Crimea. A. D. Stoliar. Krat. soob. Inst. arkheol. no. 84:38-44 '61.

BAKHCHISARAY DISTRICT—STONE AGE

The mesolithic complexes of the Alimovskiy Cliff, Crimea. A. D. Stoliar. Krat. soob. Inst. arkheol. no. 84:38-44 '61.

BAKIEV, ABDUKADYR, d. 1933

Work of the Uzbek architect Abdukadyr Bakiev. Nauch. rab. i soob. Otd. obshchestv. nauk AN Uz. SSR 2:204-205 '61.

BAKONY MOUNTAINS—MANGANESE

The gate to Bakony Mountains. A. Shaikev. Vokrug sveta no. 5:13-16 My '61.

BAKU—COMMUNITY LIFE

This house is in Baku. A. Baskina. Sem'ia i shkola 17 no. 3 24-25 F '62

BAKU—EDUCATION

Reorganization. V. Kurdiumova, L. Petrov. Nar. obr. no. 3:61-64 Mr '62.

BAKU—ELECTRIFICATION

The "Elektricheskaia sila" Joint-Stock Company and electrification of Baku [in Azerbaijani with summary in Russian]. G. IA. Abdulsalimzade. Dokl. AN Azerb. SSR 17 no. 12:1189-1192 '61.

BAKU—PHARMACY

Toward better pharmaceutical services for the population. I. I. Sultanov. Apt. delo 10 no. 6:57-60 N-D '61.

BAKU—WORKINGMEN'S CLUBS

This is the communist way. G. Semar. Klub 11 no. 1: 9-10 Ja '62.

BALALAIKA—INSTRUCTION AND STUDY

Ilukhin, A. S. [Self-teacher for the balalaika. Samouchitel' igry na balalaike. Moskva, Izd-vo 'Sovetskaia Rossiia,' 1962. 94 p. (Biblioteka sel'skogo klubnogo rabotnika, no. 18)

BALANCE

Causes of the instability of measurement characteristics of an analytical balance. N. A. Smirnova. Izm. tekh. no. 2:12-14 F '62.

BALANCE SHEETS see Financial statements

BALKAN PENINSULA—HISTORY

"Liberation of Bulgaria from the Turkish Yoke. Source materials in three volumes. Vol. 1. The liberation struggle of the southern Slavs and Russia, 1875-1877." Reviewed by V. A. Zhebokrytskii. Ukr. ist. zhur. 6 no. 2:129-130 Mr-Ap '62.

BALKHASH—CONSTRUCTION INDUSTRY
"Pribalkhashstroi" is working at half capacity V. IUshin, I. Vdovin. Nar. khoz. Kazakh. 20 no 2:30-34 F '62

BALKHASH—COPPER INDUSTRY
Our tasks. N. Matveenko, V Meterovich Nar. khoz Kazakh 20 no. 2:13-15 F '62.

BALKHASH LAKE REGION—DIKES (GEOLOGY)
Dikes of the Aksoran 2 deposit and their role in the processes of skarn formation and mineralization. B. K Korablev, V N. Korableva. Shor nauch trud. KazGMI no 10 255-267 '59.

BALKHASH LAKE REGION—PETROGLYPHS
Petroglyphs of the Tekeliktas and Karaungur Mountains. A. G. Medoev. Trudy Inst. ist., arkheol i etn AN Kazakh SSR no. 12:72-77 '61.

BALKHASH LAKE REGION—SKARNS
Dikes of the Aksoran 2 deposit and their role in the processes of skarn formation and mineralization. B. K Korablev, V. N. Korableva. Shor nauch trud KazGMI no. 10 255-267 '59.

BALL BEARINGS
New design for the double ball-bearing and rotating devices of cranes V I. Berezovskii, K E. Nikul'shin Mont. i spets rab v stroi. 23 no 12,20 D '61

BALLET
(see also subdivision under Frunze; Kiev, Perm)
Artists paint for the ballet. E. Lutskaia Iskusstvo 25 no 1 31-35 '62.

BALLISTOCARDIOGRAPHY
Accelerometric precordial ballistocardiogram (kinetocardiogram) in normal subjects (Possibility of determining the phase structure of cardiac contractions) I. E. Oranskii. Ter ap. arkh no. 9:66-70 '61
Analysis of the indices from ballistocardiograms of athletes at rest. L. I. Stogova. Teor. i prak fiz. kul't 24 no. 12:941-946 '61.
Ballistocardiographic observations of pulmonary tuberculosis [with summary in French]. Z. S Kidanova Probl tub no. 2 49-58 '62

BALTIC SEA—CODFISH
Conditions and results of the reproduction of codfish in the southern part of the Baltic Sea in 1954-1959. G B. Grauman. Trudy BaltNIRO no 7 99-102 '61
Experiments in incubating the eggs of the Baltic cod. G. B. Grauman. Trudy BaltNIRO no. 7:103-108 '61.
Hydrological conditions in the southern Baltic in 1959 and the beginning of 1960 and the prediction of spawning migrations of the Baltic herring and cod. A. E. Antonov. Trudy BaltNIRO no 7:67-69 '61.
Some results of observations on the spawning and quantitative estimation of the young of codfish in the Baltic Sea. N. P. Birjukov, G. I Tokareva. Trudy BaltNIRO no 7:109-111 '61

BALTIC SEA—HERRING
Hydrological conditions in the southern Baltic in 1959 and the beginning of 1960 and the prediction of spawning migrations of the Baltic herring and cod. A. E. Antonov. Trudy BaltNIRO no. 7:67-69 '61
Spawning ranges, spawning, and estimation of individual stocks of spring-spawning Baltic herring in the southern part of the Baltic Sea. A. V. Seletskaia Trudy BaltNIRO no. 7:112-124 '61.

BALTIC SEA—HYDROLOGY
Hydrological conditions in the southern Baltic in 1959 and the beginning of 1960 and the prediction of spawning migrations of the Baltic herring and cod. A. E. Antonov. Trudy BaltNIRO no. 7:67-69 '61.

BALTIC SEA—ORGANIC MATTER
Concentration of organic carbon in waters of the Baltic and North Seas and the subtropical and tropical regions of the North Atlantic. B. A. Skopintsev, S. N. Timofeeva. Trudy MGI 25:110-117 '62.

BALTIC SEA—PHOSPHATES
Distribution of phosphates and silica in the southern Baltic in 1957-1959. A. E. Antonov, N. B. Vlasenko. Trudy BaltNIRO no. 7:70-77 '61.

BALTIC SEA—PLANKTON
Brief quantitative characteristics of plankton in the Baltic Sea, according to the results of research in 1947-1959. I. I. Nikolaev. Trudy BaltNIRO no. 7:78-86 '61.

BALTIC SEA—SILICA
Distribution of phosphates and silica in the southern Baltic in 1957-1959. A. E. Antonov, N. B. Vlasenko. Trudy BaltNIRO no. 7:70-77 '61.

BALTIC SEA REGION—BEETLES, FOSSIL
New Coleoptera of the Elateridae family from the Baltic amber. S. M. IAblokov-Khnzorian. Paleont. zhur. no. 3 84-97 '61.

BALTIC SEA REGION—ETHNOLOGY
"Trudy" of the Baltic United Complex Expedition Vol. 1, "Problems in the ethnic history of the peoples of the Baltic Sea region"; Vol. 2, "Ethnic anthropology of the Eastern Baltic Region." Reviewed by T. I. Alekseeva. Vop. antr. no. 5:150-153 '60.

BALTIC SEA REGION—FRESHWATER BIOLOGY—CONGRESSES
Nauchnaia konferentsiia po izucheniiu vnutrennikh vodoemov pribaltiki, 7th, Petrozavodsk, 1959. [Biology of inland waters in the Baltic Sea region; transactions] Biologiia vnutrennikh vodoemov Pribaltiki; trudy Moskva, Izd-vo Akad. nauk SSSR, 1962. 286 p.

BALTIC SEA REGION—TRILOBITES
Find of a new trilobite in the glauconite series of the Baltic Sea region. E. A. Balashova Paleont. zhur. no. 3:129-132 '61.

BALTIC STATES—AUTOMOBILE RACING
Baltic Sea is a "sea of peace." V. Egorov. Za rul. 2/5 no. 1:9 Ja '62.

BALTIC STATES—CONSTRUCTION INDUSTRY
Collaboration of the Baltic republics in standard planning. D Baranshkov. Zhil stroi no. 12 26 '61.

BALTIC STATES—ECONOMIC CONDITIONS
M
of U. S. S. R. peoples) Sovetskaia Pribaltika v bratskoi sem'e narodov SSSR; materialy. Riga, Latvitskoe gos. izd-vo.
Vol. 1. 1960. 94 p.

BALTIC STATES—PLANTERS (AGRICULTURAL MACHINERY)
Sowing machine for the Baltic states E. Matisans. Tekh v sel'khoz. 22 no. 1:46-47 Ja '62.

BALTIC STATES—ROAD MATERIALS
Using shale oil in road construction in the Baltic states. K. A. Kask, R. A Ambras. Avt. dor. 25 no 3:12-13 F '62.

BANACH SPACES
Asymptotic behavior of solutions to a second-order linear differential equation in Banach space, when the small parameter at the first and second derivatives tends to zero L. A. Groza. Dokl AN SSSR 142 no. 6 1227-1230 F '62.
Some suggestions concerning the regularization of linear operators in Banach spaces L. S. Rakovshchik. Dokl. AN SSSR 140 no. 5:1023-1025 O '61.

BANANA
Some biological characteristics of banana in greenhouses. N. I. Dubrovitskaia, T. A. Krylova, G. G. Furst. Biul. Glav bot sada no. 43:68-71 '61.

BAND SAWS
Accuracy of sawing on band cutoff saws for logs. A. E. Feoktistov Der. prom. 11 no. 3:13-15 Mr '62.

BANDAGES AND BANDAGING
Dressing materials made from cotton and rayon. Z. V. Mikhticheva and others. Tekst. prom. 21 no. 12 11-12 D '61.
First reports on N. I Pirogov's plaster bandage in Russia. N. A. Oloxin Nov. khir. arkh. no 3 101-104 My-Je '60.
Use of gauze from neutralized oxycellulose in dispensary and clinical practice. S. K. Udalov. Voen.-med. zhur. no 8:81-82 Ag '61.

BANKS AND BANKING
(see also subdivision under Berdichev, Kiln, Ukraine; Uzbekistan; Zadonsk; Zagorsk)
Help collective farms to strengthen their economy and finances. S. Shtyrkina and others. Den. i kred. 20 no. 2:67-79 F '62.
In the Board of Directors of the State Bank, Den. i kred. 20 no. 2:84-85 F '62.
Increase control over wage fund disbursement. M. Zotov. Den. i kred 20 no. 2:15-22 F '62
Main tasks of the State Bank in the light of the decisions of the 22d Congress of the CPSU. A. Korovushkin. Den. i kred. 20 no. 2:3-14 F '62.

BANKS AND BANKING—ACCOUNTING
Changing procedures for compiling the consolidated balance sheet schedule No. 1 by State Bank branches G. Svetlichnyi. Den. i kred. 20 no. 2:82-84 F '62.

BAPTISTS
Sopliakova, L. P. [Words and deeds of Evangelical Christians and Baptists] Slova i dela evangel'skikh khristian-baptistov. Tashkent, Gos. izd-vo Uzbekskoi SSR, 1961. 41 p.

BAR, HORIZONTAL see Horizontal bar

BARABA STEPPE—REED (BOTANY)
Regeneration of reed by seeds in the Baraba Steppe. L. I. Krasovskii. Bot. zhur. 47 no. 1:131 Ja '62.

BARANCHUK, KONSTANTIN GAVRILOVICH
Indefatigable propagandist. V. Olefirenko. Voen. znan. 38 no. 2:18 F '62.

BARANKUL'SKIY DISTRICT—INSURANCE, PROPERTY
Simplify the voluntary insurance of citizens' property. A. Zhusupbekov. Fin. SSSR 23 no. 2:71 F '62.

BARANOVICHI—CHILDREN—CARE AND HYGIENE
Care for the little ones. F. Prokopenko. Zdrav. Bel. 7 no 6:70 Je '61

BARBITURATES
New medical preparations tested in the clinics of the Institute in 1958. V. E. Galenko. Vop. pitkh. no 4: 208-214 '60

BARBITURATES—PHYSIOLOGICAL EFFECT
Physiological nature of the bioelectric phenomena of the brain under the action of barbiturates. I. S. Roblmer Vop. pitkh. no. 4:199-207 '60.

BARENTS SEA—TRAWLS AND TRAWLING
Work of the main engine of medium fishing trawlers during the trawling of benthic fishes G. D Alekseev Ryb. khoz. 38 no. 2:29-34 '62.

BARIUM—SPECTRA
Oscillator forces of the spectral lines of magnesium, strontium, and barium N. P. Penkin, L. N. Shabanova. Opt. i spektr. 12 no. 1:3-11 Ja '62.

BARIUM FERRATE—MAGNETIC PROPERTIES
Nature of the highly coercive state in barium ferrate. E. V. Shtol'ts. Izv. AN SSSR Ser. fiz. 26 no. 2:317 :320 F '62

BARIUM SILICATE
Phase diagram of the system BaO - SiO_2 in the area of higher silicon content R G. Grebenshchikov, N A Toropov Dokl AN SSSR 142 no. 2 392-395 Ja '62

BARIUM SULFATE
New metal indicators for barium ions. Determination of sulfates [with summary in English] S B. Savvin, IU M. Dedkov, V. P. Makarova. Zhur. anal. khim 17 no. 1: 13-17 Ja-F '62.

BARK BEETLES see subdivision under Teagori District

BARLEY
Using unripe seeds in changing spring barley into winter barley. V. Z. Sergeev, I. P. Chalkalova. Agrobiologiia no. 6:706-709 N-D '61.

BARLEY—FERTILIZERS AND MANURES see subdivision under Karelia

BARMADA, RASHID, 1913-
People and events. Nov. vrem 29 no. 11:22, 29 Mr '62

BARNAUL REGION—SOILS
Characteristics of loess-type loams in the vicinity of Barnaul from the point of view of engineering geology E. V. Trepetsov. Vop. gidrogeol i inzh. geol no. 19: 73-79 '61.

BARNS
(see also subdivision under Moscow Province)
Infrared heating of stock-raising buildings. A. A. Khudenko. Vlasyk ARIA URSR no. 4:86-89 '61.

BASAL METABOLISM
Basal metabolism changes in oncological patients during operations under inhalation anesthesia applied by various methods IA. A. Rudaev. Nov. khir. arkh. no. 2:24-32 '62.

BASALT see subdivision under Vilim Plateau

BASES (CHEMISTRY)
Nitrogen compounds of petroleum. Part 4: Group separation of concentrates of nitrogen bases. N. N. Buzinger, M. A. Abdurakhmanov, G. D. Gal'pern. Neftekhimiia 1 no. 5:580-590 S-O '61.

BASHKIRIA—AGRICULTURE
Natural prerequisites for farming systems in the zone of calcareous soils in the Bashkir A. S. S. R. IU. A. Usmanov. Pochvy IUzh. Urala i Povol. no. 4:65-75 '60

BASHKIRIA—CHERNOZEM SOILS
character of the accumulation of organic residues and humus under field crops in leached Chernozems of the Belaya forest-steppe. G. A. Sorokina Pochvy IUzh. Urala i Povol. no. 4:207-214 '60.

BASHKIRIA—CHICK-PEA
Chick-pea in the steppes of Bashkiria A. P Lysak. Zemledelie 24 no. 1:72-73 Ja '62

BASHKIRIA—FAVUS
Organizing measures for eliminating favus in the Bashkir A. S. S. R. A. I. Khovanskii, E. A. Medvedeva, Z. S. Gershov. Vest. derm. i ven. no. 2:82-84 '62.

BASHKIRIA—FOREST SOILS
Genesis of brown forest soils in the Bashkir A. S. S. R. S. N. Tatchinov and others. Pochvy IUzh. Urala i Povol. no. 4:91-104 '60.
Structure and aggregates of gray forest soils in Bashkiria. F. Sh. Garifullin. Pochvy IUzh. Urala i Povol. no. 4:121-127 '60.

BASHKIRIA—OIL WELL DRILLING
Theoretical possibility of cold air drilling in eastern oil regions. M. IA. Berkovich. Izv. vyz. uchab. zav.; neft' i gaz 4 no. 5 39-46 '61.

BASHKIRIA—PETROLEUM—REFINING
"Soun oil , and their products", book review. Neftianik 7 no 2 15 F '62.

BASHKIRIA—PETROLEUM GEOLOGY
Features of the oil potential of the Carboniferous sediments of Bashkiria. A. D. Nadezhkin Geol. nefti i gaza 6 no. 2:38-42 F '62

BASHKIRIA—RELATIONS (GENERAL) WITH FOREIGN COUNTRIES
Friends of the petroleum workers of Bashkiria. V. Danilov. Sov profsoiuzy 18 no. 1 43 Ja '62

BASHKIRIA—SOILS
Soils and soil zones of the Bashkir portion of the trans-Ural region. S. N. Taichinov. Pochvy IUzh Urala i Povol no 4 15-32 '60

BASHKIRIA—SOILS—ALUMINUM CONTENT
Amount of available aluminum and manganese in soils of the northern forest-steppe of the Bashkir A. S. S. R. M. N. Burangulova, M. P. Chmelev, Z. V. Moseeva. Pochvy IUzh Urala i Povol no 4:172-179 '60

BASHKIRIA—SOILS—MANGANESE CONTENT
Amount of available aluminum and manganese in soils of the northern forest-steppe of the Bashkir A. S. S. R. M. N. Burangulova, M. P. Chmelev, Z. V. Moseeva. Pochvy IUzh Urala i Povol no 4:172-179 '60.

BASHKIRIA—SOILS—POTASSIUM CONTENT
Some characteristics of the potassium content of soils of the Bashkir A. S. S. R. S. N. Taichinov, M. N. Burangulova, M. P. Chmelev Pochvy IUzh Urala i Povol no 4:133-142 '60.

BASHKIRIA—STATE FARMS—ACCOUNTING
Letter to the editors. M. S. IAgodkin. Uchet i fin v kolkhoz. i sovkhoz. 19 no. 2:27-28 F '62

BASIL (BOTANY)
Sweet basil. A. A. Viazov. Priroda 51 no. 2:117-118 F '62.

BASKET MAKING
Chernyshev, G. A. [Manufacture of wicker articles] Prolzvodstvo pletenykh izdelii. Moskva, Gos. izd-vo mestnoi promyshl i khudozh. promyslov RSFSR, 1961 107 p

BATALIN, ALEKSANDR FEDOROVICH, 1847-1896
Aleksandr Fedorovich Batalin and his works in the field of plant physiology K. V. Riazanskaia. Trudy Inst ist est. i tekh. 41:83-93 '61.

BATHROOMS
Reinforced concrete three-dimensional bathrooms. P. Birlukov, D. Dotlibov, V Epshtein Zhil stroi no 12:17-18 '61.

BATHS, MOOR AND MUD see subdivision under Muyaldy

BATKEN DISTRICT—STATUETTES
Bronze statuette of a woman from the Kara-Bulak mound. IU. D. Baruzdin, A. G. Podol'skii. Krat. soob. Inst. arkheol. no 85:127-129 '61.

BATRACHIA—EMBRYOLOGY see Embryology—Batrachia

BATTERIES, ELECTRIC see Electric batteries, Storage batteries

BATUM REGION—PLANT INTRODUCTION
North American plants on the Batum coast. A. B. Matinian. Biul. Glav bot sada no. 43:8-12 '61.

BATUM REGION—WOODY PLANTS
North-American exotic woody plants growing wild in the Batum coastal area A. B. Matinian Izv AN Arm SSR, Biol. nauki 15 no. 1:87-89 Ja '62.

BAUSKA DISTRICT—GUIDEBOOKS
Snore, E. Z., and E. E. Kastins. [Bauska; guidebook for Bauska and its environs] Bauska; turisma celvedis po Bausku un tas apkartni. Riga, Latvijas Valsts izdevniecība, 1961 130 p. [In Latvian]

BAUXITE see subdivision under Onega Lake region; Severoural'sk region; Siberia

BAVENITE see subdivision under Kola Peninsula

BAZHENOVO REGION (SVERDLOVSK PROVINCE)—BLASTING
Improving boring and blasting operations in asbestos pits. B. A. Sonin Vzryv. delo no. 47/4 20-38 '61.

BEAMS AND GIRDERS
Bending of an extended prismatic beam composed of different elastic materials by a transverse force. R. S. Minasian. Dokl. AN Azerb. SSR 17 no. 11:1009-1015 '61.

Improving the technology of manufacturing prestressed reinforced beams on the TsKB extended stand. G. S. Rodov and others. Trudy Zap.-Sib. fil. ASIA no. 3:120-131 '60.

Intensification of the rolling of beam shapes. A. P. Chekmarev, V. A. Terlaev, A. V Maiakin. Trudy Inst chern. met. AN URSR 15:60-62 '61

Most advantageous section and the areas of greatest economy for prestressed metal beams. IU V Gaidarov. Trudy Zap.-Sib. fil. ASIA no. 3:81-90 '60.

BEAMS AND GIRDERS—TESTING
Study of the functioning of wooden elements with weak points under static and protracted flexure. N IA. Ter-Emmanuil'ian. Izv. vys. ucheb zav ;stroi i arkhit 4 no. 6:19-32 '61.

BEAMS AND GIRDERS—VIBRATION
Free vibrations of beams. V. I. Sharafutdinov. Izv. AN Uz. SSR. Ser tekh. nauk 6 no 1:89-92 '62.

Investigating vibrations of a stand supporting a tank filled with water Kh S Karlev Izv. AN Uz SSR. Ser. tekh nauk 6 no. 1:51-62 '62

BEAMS AND GIRDERS, CONTINUOUS
Calculation of continuous beams from prestressed reinforced concrete taking into account deformations caused by the creep of concrete G. V. Kizirita. Soob. AN Gruz. SSR 27 no 6:721-726 D '61.

BEAN BREEDING
Valuable parent material for breeding common phaseolus (Phaseolus vulgaris (L.) Savi) V. N. Kovalev Trudy BSKHA 34:72-86 '61.

BEANS
(see also subdivision under Kustanay Province; Siauliai District)
Economic effectiveness of the production of forage beans. S. Karbyshev. Ekon. sel'khoz. 32 no. 12:85-87 D '61.

We advise . Kul't. -pros. rab. 23 no 1 37 Ja '62.

BEANS—VARIETIES
New varieties of phaseolus and methods of their cultivation. V. N. Kovalev. Trudy BSKHA 34:34-71 '61

BEARING INDUSTRY see subdivision under Minsk, Moscow

BEARINGS (MACHINERY)
Coefficient of friction and Hersey diagram for fluid-friction sliding bearings. F. P. Snegovskii. Konstr. i tekh. mash. no. 1:29-35 '61.

Determination of the initial gap in the linking of a shaft and a plastic slide bearing. V. V. Bereznikov, G. A. Lavrent'ev Mekh i elek sots sel'khoz. 20 no. 1:45 '62

Effect of the gaps in bearings and the eccentricity of masses on the vibration of rotors. M F. Khromeenkov. [Trudy] MVTU no. 104: 152-170 '61.

Evaluating some methods for designing sliding bearings. F. P. Snegovskii. Konstr. i tekh. mash. no. 1:5-28 '61

Functioning of a sliding friction thrust bearing under a dynamic load. M. E. Podol'skii Trudy LKI no. 32. 67-76 '60

Latyshev, K. V., A. T. IAtsyno, and V. V. Dubin. [Repair and modernization of axle equipment with journal bearings] Remont i modernizatsiia buksovogo uzla s podshipnikami skol'zheniia. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 52 p.

Lifting capacity of bearings made of polyamides. V. F. Platonov. Plast. massy no 2:31-37 '62.

More about bearings. IUn. tekh. 6 no. 2:40 '62.

Spitsyn, N. A., and L. I. Sprishevskii, eds. [Antifriction bearings; manual] Podshipniki kacheniia, spravochnoe posobie. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 828 p.

Use of plastics in the restoration of bearings. V. Barabanov, V. Telegin. Tekh. v sel'khoz. 22 no. 1:65-66 Ja '62.

Vertical fluid-friction bearings. P. I Tetel'baum, A. A. Kovtushenko Metallurg 7 no. 3 31 Mr '62

BEARINGS (MACHINERY)—LUBRICATION
Self-lubricating bearings made of polyamide resins. V. N. Polevskii, V. N. Bratchikov. Mashinostroenie no. 1:8-10 Ja-F '62.

BEARINGS (MACHINERY)—STANDARDS
[Ball and roller bearings] Sharikovye i rolikovye podshipniki. Izd ofitsial'noe. Moskva, Gos. izd-vo standartov, 1961. 220 p. (Gosudarstvennye standarty SSSR)

BEARINGS (MACHINERY)—TESTING
Testing bearings made of Br. AZh 9-4 bronze. F. P. Snegovskii. Konstr. i tekh. mash. no. 1:74-81 '61.

BECHER, JOHANNES ROBERT, 1891-
Becher's sonnet. R. M. Samarin. Vest. Mosk. un. Ser. 7: Filol., zhur. 17 no. 1:23-32 Ja-F '62.

BECKER, CARL HEINRICH, 1876-1933
History of West European Islamic studies of the period of imperialism (C. Becker). M. Batunskii. Nauch. rab. i soob. Otd. obshchestv. nauk AN Uz. SSR 2:314-323 '61.

BEE CULTURE
Brief comments. I. Khalifman. Agrobiologiia no. 6:926-930 N-D '61.

Some problems of selecting pairs in breeding honey bees. Brother Adam Agrobiologiia no 6 879-884 N-D '61

Some remarks on the article by Brother Adam (translated from the German). I. Kh. Agrobiologiia no 6 884-886 N-D '61

BEE CULTURE—BIBLIOGRAPHY see Bibliography—Bee culture

BEE VENOM—PHYSIOLOGICAL EFFECT
Symptoms of beesting and their treatment [in Azerbaijani] M. N. Sultanov Azerb. med. zhur no. 11 70-72 N '61.

BEE VENOM—THERAPEUTIC USE
"Live" injections. P. Kravtsov Neva no. 10 218-219 '61

BEECH
(see also subdivision under Armenia)
Economical use of oak and beech wood. S. A. Chernov. Les prom 39 no 12:20 D '61

BEEF CATTLE
Possibilities for increasing beef production. M. V. Pentiuk. Dokl. i soob VNIESKH no. 11:50-60 '61.

BEETHOVEN, LUDWIG VAN, 1770-1827
Sonnleithner, J. F. [L. Beethoven's "Fidelio."] Fidelio L. Betkhovena Moskva, Gos muzykal'noe izd-vo, 1961. 100 p (Operaye libretto)

BEETLES see subdivision under Armenia; Latvia, Ukraine

BEETLES, FOSSIL
(see also subdivision under Baltic Sea region)
Systematic position of Coptoclava longipoda Ping (Insecta, Coleoptera). A. G. Ponomarenko. Paleont. zhur no 3: 67-72 '61

BEETS, SUGAR see Sugar beets

BEHAVIOR see Conduct of life

BEIDELLITE
Beidellite mineral. B. G. Kukovskii. Min. sbor. no. 14: 304-306 '60.

BEKTUROV, ABIKEN BEKTUROVICH, 1901-
Sixtieth birthday of the member of the Academy of Sciences of the Kazakh S. S. R. A. B. Bekturov. Vest. AN Kazakh. SSR 18 no. 1:99-102 Ja '62.

BELAYA VALLEY (BASHKIRIA)—CHERNOZEM SOILS
Some characteristics of leached Chernozems of the soil zone on the left bank of the Belaya River in Bashkiria. M. N. Miftakhov. Pochvy IUzh Urala i Povol no. 4: 105-110 '60.

BELAYA VALLEY (BASHKIRIA)—PASTURES AND MEADOWS
Genetic bonds between meadow vegetation and soils of the Belaya River floodlands. B. M. Mirkin. Pochvy IUzh. Urala i Povol. no. 4:215-221 '60.

BELAYA VALLEY (BASHKIRIA)—SOILS
Genetic bonds between meadow vegetation and soils of the Belaya River floodlands B. M. Mirkin. Pochvy IUzh. Urala i Povol. no. 4:215-221 '60.

BEL'CHAKI REGION—MUSCOVITE
Is "shilkinite" an independent mineral? O. N. Vinar. Min. sbor. no. 14:428-434 '60

BELGIUM—COMMUNIST PARTY
Unity of will and action. Part. zhizn' no. 6:69 Mr '62.

BELGIUM—FOREIGN ECONOMIC RELATIONS—CONGO, REPUBLIC OF THE
The inspirers of aggression against the Congo. Mezhdunar. zhizn' 9 no. 4:149-151 Ap '62.

BELGOROD—SOCIALIST COMPETITION
When the aim is clear. D. Trot'iakov. Meat. prom. 1 khud. prom, 1 khud. promys. 3 no. 2:15-16 F '62.

BELGOROD PROVINCE—METEORITES
Chemicomineralogical investigation of the meteorite stone from the vicinity of Sevryukovo [with summary in English on pp. 487-488]. K. N. Savich-Zablotskii. Min. sbor. no. 14:184-194 '60.

BELGOROD PROVINCE—MILK TRADE—COSTS
Follow-up of our materials. Fin. SSSR 23 no. 2:72 F '62.

BELGOROD PROVINCE—SERVICE INDUSTRIES
In a small town F. Drepin. Meat promi khud. promys. 3 no. 1 26-26 Ja '62.

BELHELVIE, SCOTLAND—PERIDOTITE
Phase relationships in the peridotites of Dawros (Ireland) and Belhelvie (Scotland). A. A. Rotshtein. Izv. AN SSSR. Ser. geol. no. 3:80-86 Mr '61.

BELIANKIN, DMITRII STEPANOVICH, 1876-
D. S. Belliankin, an outstanding Soviet scientist. N. D. Avdoshenko. Vologd. krai no. 1:153-162 '59.

BELINSKII, VISSARION GRIGOR'EVICH, 1811-1848

Historicism of V. G. Belinskii's views [with summary in English, p 219] A. M. Deborin. Vop. lit. no. 3 51-71 Mr '62

Pekhtelev, I. G. [Belinskii, historian of Russian literature] Belinskii - istorik russkoi literatury. Izd. 2, Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 292 p.

Vissarion Belinskii. Alena Lensu. Rab. i stud. 37 no. 6: 14 Je '61

BELL, ALEXANDER GRAHAM, 1847-1922

Alexander Graham Bell. Mitchel Wilson. Nauka i zhizn' 28 no. 12:85-89 D '61.

BELOZERSK DISTRICT—GEOMORPHOLOGY

Geomorphological features of the Belozer'ye as revealed by the Antushevo Collective Farm in Belozersk District, Vologda Province. IU. A. Savinov. Uch. zap. LGU no. 298:124-136 '61

BELTS AND BELTING

Calculating axial forces in V-belt speed variators with springs. B. N. Ivanov. Konstr. i tekh. mash. no. 1:62-73 '61.

Coefficient of friction of V-belt transmissions. B. N. Ivanov. Konstr. i tekh. mash. no. 1:54-61 '61

Experimental investigation of V-belt speed-variators. B. N. Ivanov. Konstr. i tekh. mash. no. 1:36-54 '61.

The general dynamics of belt-guiding devices. L. A. Punset. Nauch. trudy MPI no. 12, 191-194 '60.

BELYNICHI DISTRICT—SWINE—FEEDING AND FEEDS

The girls of our state farm. Ryhor Kobets. Belarus' 19 no. 2, 12-13 F '62.

BENEDICTINES, CLUNIAC see Cluniacs

BENEFICES, ECCLESIASTICAL see subdivision under Spain

BENGAL, BAY OF—ZOOPLANKTON

Distribution of the zooplankton biomass in waters of the Arabian Sea and the Bay of Bengal during the period of monsoon change. L. A. Ponomareva, A. G. Naumov. Dokl. AN SSSR 142 no. 2 449-452 Ja '62

BENIAMINOV, ALEKSANDR DAVIDOVICH

"Beniaminov" by K. Kulikova. Reviewed by K. Palechek. Neva no. 11:208-209 '61.

BENZALDEHYDE

Condensation of aldehydes and ketones. Part 9. Condensation of symm. octahydroacridine with benzaldehyde. M. N. Tilichenko, V. I. Vysotskii. Zhur. ob. khim. 32 no. 1:84-86 Ja '62.

Reaction of p-dimethylamino- and p-diethylaminobenzaldehydes with dicyanodiamides. A. E. Kretov, L. V. Panasiuk. Zhur. ob. khim. 32 no. 1 96-97 Ja '62.

BENZAMIDINE

Cataminases of epilepsy patients after treatment with hexamidine. N. S. Ivanova. Vop. psikh. no. 4:124-131 '60.

BENZANTHRACENE

Induction of leukemias in rats with dimethylbenzanthracene and their transplantation [with summary in English] E. L. Prigozhina. Vop. onk. 8 no. 1:61-71 '62.

BENZENE

(see also subdivision under United States)

Aromatic hydrocarbons. Part 22. Dimethylalkylbenzenes. Fumaric acid in diene synthesis. V. R. Skvarchenko, R. IA. Levina, R. P. Shibaeva. Zhur. ob. khim. 32 no. 1: 111-113 Ja '62.

Catalytic dehydrogenation of ethyl benzene into styrene. O. K. Bogdanova and others. Neftekhimiia 1 no. 2: 195-200 Mr-Ap '61.

Effect of benzene solubilization on the catalytic properties of pepsin. V. A. Pchelin, V. N. Izmailova, G. P. Bol'shova. Dokl. AN SSSR 142 no. 1 950-953 F '62.

Interaction of disilanes and chlorobenzene in the gaseous phase. E. A. Chernyshev and others. Zhur. ob. khim. 32 no. 2:368-374 F '62.

Mass-spectroscopic study of the photoionization effectiveness of benzene derivatives in relation to their spectra. M. B. Akopian, F. I. Vilesov, A. N. Terenin. Dokl. AN SSSR 140 no. 5:1037-1040 O '61.

New technological flow sheet of the benzene section of a coke chemical plant. K. A. Belov, S. N. Lazarin. Koks i khim. no. 1:43-45 '62.

Scientific and technical conference on benzene production. V. L. Klimenko. Neftekhimiia 1 no. 2:292-294 Mr-Ap '61

Selecting oils for charges in order to increase benzene and gas output. IU. B. Tiutiunnikov and others. Koks i khim. no. 6:43-45 '61.

Synthesis of ethyl benzene by catalytic reforming of narrow gasoline fractions. G. N. Maslianskii and others. Neftekhimiia 1 no. 2:187-194 Mr-Ap '61.

BENZENE—SPECTRA

Measurement of the oscillator forces for the long-wave absorption band of certain substituted benzenes. V. I. Danilova, IU. P. Morozova. Opt. i spektr. 12 no. 1:12-16 Ja '62.

Vibrational spectra aromatic compounds. Part 12. Characteristic vibrations of p-disubstituted benzenes. A. M. Bogomolov. Opt. i spektr. 12 no. 2:186-193 F '62.

BENZENESULFONANILIDE

Effect of substituents on the acid dissociation of benzenesulfonanilide. N. P. Lushina, IA. P. Berkman. Zhur. ob. khim. 32 no. 1:280-284 Ja '62.

BENZENESULFONIC ACID

Derivatives of 1, 3-diethylbenzenesulfonic acid. S. I. Burmistrov, Zh. A. Fedorina. Zhur. ob. khim. 32 no. 2: 579-581 F '62.

Mechanism of hydrolysis of phenyl esters of substituted benzenesulfonic acid. Part 13. R. V. Vizgert. Zhur. ob. khim. 32 no. 2, 633-637 F '62

BENZILIC ACID

Some new aminoalkyl esters of benzilic acid. S. G. Kuznetsov, A. V. El'tsov. Zhur. ob. khim. 32 no. 2, 511-515 F '62

BENZIMIDAZOLE

Derivatives of benzimidazole. Part 8: Amination of some 1-substituted benzimidazoles. A. M. Simonov, A. F. Pozharskii. Zhur. ob. khim. 31 no. 12, 3970-3974 D '61.

Effect of growth promoting substances on phytophagous insects. N. M. Edel'man, A. M. Efros. Dokl. AN SSSR 142 no. 5:1172-1175 F '62.

BENZOCYCLOHEPTANE

N-bis(chloroethyl)amines of bicyclic compounds. Part 5: Some new derivatives of indan, tetrahydronaphthalene, and benzocycloheptane. K. V. Levshina, I. I. Kolodkina, S. I. Sergievskaia. Zhur. ob. khim. 32 no. 2 464-467 F '62.

BENZOIC ACID

Benzoates of 2, 5-dimethoxy-2, 5-dehydrofurfuryl alcohols and some of their reactions. N. K. Kochetkov and others. Zhur. ob. khim. 31 no. 12, 3909-3916 D '61

Changes in the biosynthesis of vitamin B_{12} and p-aminobenzoic acid in Bacillus megaterium due to the effect of adaptation to norsulfazole. N. D. Ierusalimskii, I. D. Shaforostova. Dokl. AN SSSR 142 no. 5, 1176-1179 F '62

Synthesis of 5-bromoacetyl-3-nitrobenzoic acid. I. B. Krasnov. Zhur. ob. khim. 32 no. 1 293-297 Ja '62.

BENZOPHENONE

Synthesis of certain 2-hydroxy-4-alkoxybenzophenones. Part 2. N. A. Larin, E. N. Matveeva, L. V. Kazimirkina. Zhur. ob. khim. 32 no. 2, 367-369 F '62

BENZOPYRENE

Quantitative determination of small concentrations of 3, 4-benzopyrene by means of the thin structure of a fluorescence spectrum [with summary in English]. P. P. Dikun. Vop. onk. 7 no. 7 12-53 '61.

Some data on the content of 3, 4-benzopyrene in tobacco smoke [with summary in English] P. P. Dikun, N. D. Krasnitskaia, S. G. Chushkin. Vop. onk. 8 no. 2 31-35 '62

BENZOSELENADIAZOLE

Derivatives of piazthiole and piazselenole. Part 7. Monohydroxy derivatives. L. S. Efros, R. P. Polinkova, M. G. Argitti. Zhur. ob. khim. 32 no. 2:518-521 F '62.

BENZOTHIADIAZOLE

Derivatives of piazthiole and piazselenole. Part 7: Monohydroxy derivatives. L. S. Efros, R. P. Polinkova, M. G. Argitti. Zhur. ob. khim. 32 no. 2:518-521 F '62

BENZOTHIAZOLE

Methylene bases of heterocycles. Part 1: Interaction between methylene bases of benzothiazole and p-nitrobenzoyl chloride. V. I. Denesh, M. Ferkeshan. Zhur. ob. khim. 32 no. 1:199-205 Ja '62

Some derivatives of benzothiazole. Part 7: Obtaining crystallic 2-methylbenzothiazole. A. F. Vompe. Trudy NIKFI no. 40:119-120 '60.

Structure of products of addition of acid chlorides to methylene bases of benzothiazole. V. I. Denesh, M. Ferkeshan. Zhur. ob. khim. 32 no. 2:654-655 F '62.

BENZOTHIOPHENE

Action of phosphorus pentasulfide on 2-acetylaminothionaphthen-3-one. Z. I. Miroshnichenko, M. A. Al'perovich. Zhur. ob. khim. 32 no. 2:612-613 F '62.

BENZOTHIOPHENE—SPECTRA

Nature of phototropic variations of absorption spectra of thioindogenides. M. A. Mostoslavskii, V. A. Izmail'skii, I. N. Shevchuk. Zhur. ob. khim. 32 no. 2:660 F '62

BENZOYL CHLORIDE

Methylene bases of heterocycles. Part 1: Interaction between methylene bases of benzothiazole and p-nitrobenzoyl chloride. V. I. Denesh, M. Ferkeshan. Zhur. ob. khim. 32 no. 1:199-205 Ja '62.

Structure and reactivity of hydrazine derivatives. Part 2: Kinetics of the reaction between aliphatic acid hydrazides and benzoyl chloride in benzene solution. A. P. Grekov, M. S. Karakhova. Zhur. ob. khim. 32 no. 2: 542-549 F '62.

BENZOYL PEROXIDE

Vulcanizates of fluoropolymers of the "Viton A" type containing benzoyl peroxide. A. S. Novikov, F. A. Galil-ogly, N. S. Gilinskaia. Kauch i rez 21 no. 2:4-10 F '62

BENZOYL PEROXIDE—TOXICOLOGY

Problems in industrial hygiene and the state of health of workers in benzoyl peroxide production. V. A. Kniazevich, S. M. Kavalerova, S. A. Troitskii. Gig. truda i prof. zab. 6 no. 1:45-49 Ja '62

BENZYLAMINE

Sterically hindered phenols. Report No. 1. Synthesis of some 3, 5-ditert-butyl-4-oxybenzylamines. A. A. Volodkin, V. V. Dyshov. Izv. AN SSSR Otd. khim. nauk no. 2 312-315 F '62

BERCE, AUGUSTS, 1890-1921

Lidatse, E. R. [The unbending one; the life of Augusts Berce, a Latvian revolutionary] Nesgibaemyi, istoriia zhizni revoliutsionera Avgusta Bertse. Riga, Latvisskoe gos. izd-vo, 1962. 182 p.

BERDICHEV—BANKS AND BANKING

Increase control over the financing of construction and capital repair. F. Repetii, M. Braverman. Den. i kred. 20 no. 2 78-81 F '62

BERDYANSKAYA SPIT—GEOLOGY, STRATIGRAPHIC

Recent data on Cretaceous deposits of the Berdyanskaya Spit [with summary in English] O. T. Bohaiets', II. M. Voloshyna, N. IU. Cherniak. Dop. AN URSR no. 2:230-233 '62.

BERELEKH RIVER (YAKUTIA)—HYDROLOGY

Some facts about the hydrology of the Yelon' River. N. I. Mukhin, A. N. Tolstov. Trudy Inst. merzl. AN SSSR 17 76-77 '61.

BEREZNIKI REGION (PERM PROVINCE)—POTASH INDUSTRY—EQUIPMENT AND SUPPLIES

Machine for constructing ore chutes in potassium mines. L. IA. Ryzhii. Gor. zhur. no. 7:46-47 Jl '61.

BEREZOVSKIY REGION (EAST KAZAKHSTAN PROVINCE)—MINING ENGINEERING

Readers' conference at the Berezovskiy Mine. F. K. Zhigalina. Gor. zhur. no. 11:11 N '61

BERING STRAIT—MAPS

The Dezhnev Strait on the world map of the 18th century atlas published by "I. B. Homann successors." S. P. Rudnykh. Izv. AN SSSR. Ser. geog. no. 1:121-129 Ja-F '62.

BERLIN—POLITICS AND GOVERNMENT

Two sides of the Brandenburg Gate. K. Gerstner. Mezhdunar. zhizn' 9 no. 1 80-86 Ap '62.

BERLIN, BATTLE OF, 1945

Neustroev, S. A. [The road to the Reichstag] Put' k reikhstagu. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 94 p. (Voennye memuary)

BERLIN QUESTION (1945-)

Before the conclusion of the struggle for Berlin. N. IA. Galai. Mat. i issl. Inst. ist. otd. Inst. po izuch. SSSR no. 29: 1-10 '61.

BERNAL, JOHN DESMOND, 1901-

John D. Bernal. Dorothy Crowfoot Hodgkin. Mir nauki 5 no. 4:7-9 '61

BERRIES

Oscillographic investigation of the parameters of electric plasmolysis of fruits and berries. B. L. Flaumenbaum, M. IU. Kazandzhii, F. I. Kogan. Izv. vys. ucheb. zav.; pishch. tekh. no. 6:79-81 '61.

BERSHAD' DISTRICT—AGRICULTURE—STUDY AND TEACHING

We help a collective farm. Nina Tkachuk. Rad. shk. 40 no. 2:14-15 F '62.

BERYLLIUM—ANALYSIS

Use of nuclear reaction (α, n, γ) for the determination of beryllium in concentration products. I. N. Plaksin, M. A. Bolshakov, L. P. Starchik. Dokl. AN SSSR 142 no. 2: 374-376 Ja '62.

BERYLLIUM-COPPER ALLOYS see Copper-beryllium alloys

BERYLLIUM-NICKEL ALLOYS see Nickel-beryllium alloys

BERYLLIUM OXIDE

Determination of arsenic, phosphorus, and sulfur in beryllium oxide by radioactivation analysis [with summary in English]. L. M. Mikheeva, I. Vikhitlil. Zhur. anal. khim. 17 no. 1:84-86 Ja-F '62.

BERYLLONITE CRYSTALS

Crystalline structure of beryllonite ($NaBePO_4$). N. I. Golovastikov. Dokl. AN SSSR 142 no. 6:1301-1304 F '62.

BESPOSHCHADNYI, PAVEL GRIGOR'EVICH, 1805-

"A poet's weapons" by Nikolai Goncharov. Reviewed by V. A. Ruzhyna. Rad. lit. 6 no. 2 141-143 Mr-Ap '62.

BESSEMER PROCESS

Investigating thermal processes in converter "caissons" and chimneys. S. M. Lendon'ev and others. Stal' 22 no. 2 173-176 F '62.

Making G13L steel in converters with a top oxygen blow. M. P. Kvatko, Iu. S. Kriukhchenko. Lit. proizv. no. 2:33-35 F '62.

Tendency of oxygen-blown converter steel toward aging. K. F. Stanoduboy, Iu. P. Gul'. Stal' 22 no. 2 159-160 F '62.

Using ore and scrap metal in the converter process. D. B. Martsenko. Metallurg 7 no. 3 13-16 Mr '62.

BESSOBE REGION—SALT DOMES

Salt domes of Bet-Pak-Dala (southern Kazakhstan). V. L. Dilmar. Dokl. AN SSSR 140 no. 5 1144-1147 O '61.

BET-PAK-DALA—LANDFORMS

Relief types in the northern part of Bet-Pak-Dala. A. K. Riumin. Uch. zap. LGU no. 295 56-106 '61.

BETA-RAY SPECTROMETER

Prismatic β-spectrometer with automatic control. E. P. Mazets, Iu. V. Sergeenkov. Izv. AN SSSR. Ser. fiz. 25 no. 2 228-231 F '62.

BETA RAYS

Allowance for the effects of absorption and self-absorption of β-rays. M. P. Reldy. Atom. energ. 12 no. 3 248-251 Mr '62.

Deviations from the allowed form of the β-spectrum of P^{32} [with summary in English]. Ch'ing Ch'êng-jui. Zhur. eksp. i teor. fiz. 42 no. 2:354-359 F '62.

Energy spectra observed in the passage of beta radiation through various substances. G. A. Volkov, G. R. Rik. Dokl. AN SSSR 140 no. 5:1045-1047 O '61.

BETA RAYS—DECAY

βγ-correlations in β-decay of Mn^{56} and F^{20} [with summary in English]. V. M. Lobashev, V. A. Nazarenko. Zhur. eksp. i teor. fiz. 42 no. 2:370-374 F '62.

Slow electrons in β-decay of P^{32}. I. I. Badenko, E. E. Berlovich, V. G. Fleisher. Izv. AN SSSR Ser. fiz. 26 no. 2:197-201 F '62.

BETA RAYS—INDUSTRIAL APPLICATIONS

Using beta rays to control the thickness of films. Iu. M. Ovchinnikov. Sbor. nauch. rab. VNIIPP no. 11:71-100 '60.

BETA RAYS—SPECTRA

Correction to the form of allowed β⁻-spectra, which is accounted for by matrix elements of the relativistic operators $\frac{1}{r}$ and γ_5. L. N. Zyrianova, A. A. Pantushin. Izv. AN SSSR Ser. fiz. 26 no. 1:150-152 Ja '62.

Shielding effect for forbidden β⁻-spectra. L. N. Zyrianova. Izv. AN SSSR Ser. fiz. 26 no. 1:148-149 Ja '62.

BETATRON

Stereotron with "shuttle" focusing. B. N. Rodimov. Atom. energ. 12 no. 3 240-242 Mr '62.

BETEKHTIN, ANATOLII GEORGIEVICH

Awarding of the A. P. Karpinskii Gold Medal to A. G. Betekhtin. Vest. AN SSSR 32 no. 3:86 Mr '62.

BETS, VLADIMIR ALEKSEEVICH, 1834-1894

Vladimir Alekseevich Bets, on the 125th anniversary of his birth. M. S. Spirov. Arkh. anat. gist. i embr. 42 no. 2:105-111 F '62.

BEYLE, MARIE HENRI, 1783-1842

Moscow. Vsesoiuznaia gosudarstvennaia biblioteka inostrannoi literatury. [Stendhal; a bibliography of Russian translations and literary critiques in the Russian language, 1822-1960] Stendal', bibliografiia russkikh perevodov i kriticheskoi literatury na russkom iazyke, 1822-1960. Moskva, Izd-vo Vses. knizhnoi palaty, 1961. 116 p.

[MICROFILM]

BEZYMYANNYY VOLCANO

Bezymyannaya Sopka in 1956-58. G. S. Gorshkov, G. E. Bogoslavenskaia. Biul. Vulk. sta. no. 31 17-22 '61.

Eruption of the Bezymyannyy Volcano in April 1960. P. I. Tokarev, V. N. Borisova. Biul. Vulk. sta. no. 31:23-27 '61.

Relation between volcanic and seismic phenomena during the eruption of the Bezymyannyy Volcano (1955-56). G. S. Gorshkov. Biul. Vulk. sta. no. 31 32-37 '61.

BEZYMYANNYY VOLCANO—EARTHQUAKES

Energetic estimation of the strength of earthquakes of the Bezymyannyy Volcano. P. I. Tokarev. Biul. Vulk. sta. no. 31:38-45 '61.

BEZYMYANNYY VOLCANO—LAVA

Radium and thorium content of lavas of the Bezymyannyy Volcano. N. N. Shavrova. Biul. Vulk. sta. no. 31:28-31 '61.

BIBLIOGRAPHY

[Book chronicle.] Knizh. let. nos. 8-11 '62. Vspomogatel'nye ukazateli k nos. 40-52 za '61.

Bookshelf. Prep. lit. v shkole 17 no. 2:109-114 Mr-Ap '62.

Brief notes on books. I. IA. Braslavskii and others. Vest. vys. shkoly 26 no. 3:91-95 Mr '62.

[Information index of bibliographical lists and card files.] Inform. ukaz. bibl. spis. i kart. no. 24 D '61, 6 no. 1 Ja '62.

New books. Kommunist 38 no. 4:126 Mr '62.

[New books.] Nov. knigi nos. 9-10 F-Mr '62.

New books. Rad. shk. 40 no. 2:91-92 F '62.

New books. Vest. AN SSSR 32 no. 2:122-126 F '62.

New books. Vest. AN SSSR 32 no. 3:137-141 Mr '62.

New books and articles on geography, local history and tourism. Geog. v shkole 25 no. 2:93-95 Mr-Ap '62.

[New literature on science and research abroad] Nov. lit. o nauke i nauch.-issl. rab. za rub. no. 11 '61.

Publications of the Academy of Sciences of the Latvian S. S. R. E. Peile. Izv. AN Latv. SSR no. 1:153-154 '62.

Publications of the Academy of Sciences of the Latvian S. S. R. E. Peile. Izv. AN Latv. SSR no. 12 141-143 '61.

Russia (1923- U. S. S. R.) Glavnoe arkhivnoe upravlenie. [Catalog of collections of documents published by archival institutions of the U. S. S. R.] Katalog sbornikov dokumentov, izdannykh arkhivnymi uchrezhdeniiami SSSR. Pod red. A. I. Loginovoi, L. I. IAkovleva. Moskva, 1961. 110 p.

BIBLIOGRAPHY—ACCOUNTING

New books on accounting and the analysis of financial and administrative operations of enterprises. Bukhg. uchet 19 no. 1:78-79 Ja '62.

BIBLIOGRAPHY—ADVENTURE AND ADVENTURERS

The intoxication of adventure. N. Bolotnikov. Vokrug sveta no. 4:62-63 Ap '61.

BIBLIOGRAPHY—AESTHETICS

Aesthetic education of students; bibliography for 1950-1960. Sov. pedag. 26 no. 2:144-150 F '62.

BIBLIOGRAPHY—AFRICA

Africa progresses to freedom. Vokrug sveta no. 1:59 Ja '62.

BIBLIOGRAPHY—AFRICAN STUDIES

Akimova, N. A., and S. M. Voinkina. [African countries; recommended list of literature] Strany Afriki; rekomendatel'nyi ukazatel' literatury. Moskva, Gos. biblioteka SSSR im. V. I. Lenina, 1961. 106 p.

BIBLIOGRAPHY—AGRICULTURAL MACHINERY

New books. Mekh. i elek. sots. sel'khoz. 20 no. 1:60-61 '62.

New books. Tekh. v sel'khoz. 22 no. 2:92 F '62.

BIBLIOGRAPHY—AGRICULTURE

Agricultural literature of the U. S. S. R.; classified index. F. M. Tiutcheva. Biul. TSentr. nauch. sel'khoz. bibliot. no. 6:83-84 '60.

Agriculture, classified index of articles in foreign periodicals. T. I. Gubina. Biul. TSentr. nauch. sel'khoz. bibliot. no. 6:85-87 '60.

Agronomist at a bookshelf. Kul't. -prosv. rab. 23 no. 2 40-41 F '62.

Bibliography. M. F. Puzrina. Biul. TSentr. nauch. sel'khoz. bibliot. no. 6 109 110 '60.

Books received by the editor for review. Agrobiologiia no. 6 932-933 N-D '61.

Classified catalog of bibliographical items for the fourth quarter of 1958 and the first three quarters of 1959. Biul. TSentr. nauch. sel'khoz. bibliot. no. 5:87-78 '60.

Classified catalog of bibliographical items for the fourth quarter of 1959 and the first quarter of 1960. Biul. TSentr. nauch. sel'khoz. bibliot. no. 6:103-109 '60.

New books. Zemledelie 24 no. 1:92 Ja '62.

New books on agricultural economics and accounting. Uchet i fin. v kolkhoz. i sovkhoz. 19 no. 2:62-63 F '62.

New books on economics and accounting in agriculture. Uchet i fin. v kolkhoz. i sovkhoz. 19 no. 1:58, 64 Ja '62.

[New foreign books. Series V: Biology, medicine, agriculture] Nov. knigi za rub. Ser. V: Biol., med., sel'. khoz. 6 no. 3 Mr '62.

BIBLIOGRAPHY—AGRICULTURE—ECONOMIC ASPECTS

Books ready for the press. Uchet i fin. v kolkhoz. i sovkhoz. 19 no. 2:63 F '62.

BIBLIOGRAPHY—ANATOMY

Bookshelf. B. A. Nikitiuk. Arkh. anat. gist. embr. 40 no. 6:113-115 Je '61.

Bookshelf. B. A. Nikitiuk. Arkh. anat. gist. i embr. 41 no. 7:125 Jl '61.

Bookshelf. B. A. Nikitiuk. Arkh. anat. gist. i embr. 42 no. 2-4 of cover F '62.

BIBLIOGRAPHY—ANTHROPOLOGY

Bibliography of anthropological works published in Soviet and foreign periodicals during 1958 to 1959. N. IA. Almazova. Vop. antr. no. 6:160-157 '61.

Bibliography of articles on anthropology and connected branches of science published in foreign periodicals during the years 1958-1959. Vop. antr. no. 8:172-174 '61.

Some new popular scientific books on anthropology. K. E. Fabri. Vop. antr. no. 8:168-171 '61.

BIBLIOGRAPHY—ARCHITECTURE

Index of the articles which appeared in "Stroitel'stvo i Arkhitektura" during 1961. Strot. i arkhit. 9 no. 12 11-13 D '61.

BIBLIOGRAPHY—ARCHIVES

Russia (1923- U. S. S. R.) Glavnoe arkhivnoe upravlenie. [Catalog of the literature on archival work, 1917-1959] Katalog arkhivovedcheskoi literatury, 1917-1959 gg. Pod red. A. I. Loginovoi, I. N. Fursova. Moskva, 1961. 191 p.

BIBLIOGRAPHY—ART

Art library. R. Vysotskyi, V. Semeniaka. Nauka i zhyttia 11 no. 12 45 D '61.

BIBLIOGRAPHY—ATHEISM

Booklets for atheists. A. Kazlou. Rab. i sial. 37 no. 7 21 Jl '61.

New books. Voiov. ateist. no. 2:63 F '62.

BIBLIOGRAPHY—AUTOMATIC CONTROL

Books on heat control and automation. Teploenergetika 9 no. 3:95-96 Mr '62.

BIBLIOGRAPHY—AUTOMATION

Books and periodicals. Stan. i instr. 33 no. 1:47-48 Ja '62.

BIBLIOGRAPHY—AUTOMOBILES

Learn to ski. What to read about automobiles. Stan. sh. - serzh. no. 11 29 Ofi e N '61.

BIBLIOGRAPHY—AZERBAIJAN

Akademiia nauk Azerbaidzhanskoi SSR, Baku. [Books published by the Academy of Sciences of the Azerbaijan SSR, 1948-1958, a catalog] Knigi Izdatel'stva Akademii Nauk Azerbaidzhanskoi SSR, 1948-1958; katalog. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1959. 46 p.

BIBLIOGRAPHY—BEE CULTURE

Catalog of translations, abstracts, and reviews on bee culture and poultry breeding in the collections of the Central Scientific Library of Agriculture. Biul. TSentr. nauch. sel'khoz. bibliot. no. 6 88-101 '60.

BIBLIOGRAPHY—BIOLOGY

Books received by the editor for review. Agrobiologiia no. 6:932-933 N-D '61.

Department of Biology. Vest. AN SSSR 32 no. 3:119-122 Mr '62.

[New foreign books. Series V: Biology, medicine, agriculture] Nov. knigi za rub. Ser. V: Biol., med., sel'. khoz. 6 no. 3 Mr '62.

BIBLIOGRAPHY—BOOKSELLERS AND BOOKSELLING

Books for booksellers. Sov. knizh. torg. 15 no. 2:42 F '62.

BIBLIOGRAPHY—BUILDING

List of the articles which appeared in "Izvestiia Vysshikh Uchebnykh Zavedenii" of the Ministry of Higher and Secondary Specialized Education of the U. S. S. R. The "Stroitel'stvo i Arkhitektura" series for 1961. Izv. vys. ucheb. zav. stroi. i arkhit. 4 no. 6:176-179 '61.

BIBLIOGRAPHY—BULGARIA

[New literature on European people's democracies and Slavic studies: Bulgaria.] Nov. lit. po evrop. strain. nar. dem. i slav.: Bolg. no. 12 '60.

BIBLIOGRAPHY—BULGARIA—HISTORY

Akademiia nauk SSSR. Fundamental'naia biblioteka obshchestvennykh nauk. [Bulgarian history up to September 9, 1944; index of historical studies published in 1945-1958] Istoriia Bolgarii do 9 sentiabria 1944; ukazatel' literatury, 1945-1958. Sost. N. V. Dunaev, D. D. Ivanov i V. V. Noskov (Moskva) pri uchastii Bolgarskogo instituta im. Elina Pelina (Sofiia). Pod red. D. D. Ivanova. Moskva, Izd-vo Akad. nauk SSSR, 1962. 551 p.

BIBLIOGRAPHY—BYRON, GEORGE GORDON NOEL, 1788-1824

Byron in Russian criticism and literary studies. N. I. Tiulina. Trudy Gos. bibl. SSR 5:269-316 '61.

BIBLIOGRAPHY—CARPATHIAN MOUNTAINS—GEOLOGY

Theses on geology, mineralogy, paleontology, and physical geography of the Carpathians defended at Lvov University from 1947 to 1959. A. A. Panteleeva. Min. sbor. no. 14:476-479 '60.

BIBLIOGRAPHY—CHEMICAL ENGINEERING

Bibliography. Khim. mash. no. 6:47-48 N-D '61.

BIBLIOGRAPHY—CHEMISTRY

Department of Chemistry. Vest. AN SSSR 32 no. 3: 113-118 Mr '62.

New books for workers in the chemical industry. Khim. prom. no. 2:151 F '62.

BIBLIOGRAPHY—COAL MINES AND MINING

From pages of periodicals published during December 1961. Ugol' Ukr. 6 no. 2:48 F '62.

From pages of periodicals published during the month of November 1961. Ugol' Ukr. 6 no. 1:47 Ja '62.

New books. Ugol' Ukr. 6 no. 1:47 Ja '62.

BIBLIOGRAPHY—COAL MINES AND MINING (Continued)
New books. Ugol' Ukr. 6 no 2 3 of cover F '62.
New books. Ugol' 36 no 3 68 Jl '61
New books. Ugol' 37 no 3 68 Mr '62.
New publications. Ugol' 37 no. 2:62-64 F '62.

BIBLIOGRAPHY—COMMUNICABLE DISEASES
Soviet literature on problems in microbiology, immunology, infectious diseases, and epidemiology published during the 3d quarter of 1959 Zhur mikrobiol., epid. i immun. 32 no 9:142-151 S '61

BIBLIOGRAPHY—COMMUNISM
Communism affirms peace, work, freedom, equality, fraternity and happiness of all people. IU. Tugov. Klub 11 no 1 26-27 Ja '62
New books. Part. zhizn' no.5 77-78 Mr '62.

BIBLIOGRAPHY—COMMUNIST PARTY OF THE SOVIET UNION
New books. Komm. Mold. 6 no. 7:80 Jl '61.

BIBLIOGRAPHY—CONSTRUCTION INDUSTRY
Books put out by the State Construction Publishing House in September, 1961 Mont i spets. rab. v stroi 23 no. 12:31 D '61
An index of the articles published in "Montazhnye i Spetsializirovannye Raboty v Stroitel'stve" during 1961. Mont. i spets. rab. v stroi. 23 no 12 31-3 of cover D '61.
Index of the articles which appeared in "Stroitel'stvo i Arkhitektura" during 1961 Stroi i arkhit 9 no 12, 41-43 D '61.
An index of the articles which appeared in "Zhilishchnoe Stroitel'stvo" during 1961 Zhil stroi no. 12 31-3 of cover '61.
List of the principal articles published in "Sil'skoe Budivnitstvo" during 1961. Sil'. bud. 11 no. 12 23 D '61.
New books Sil'. bud 11 no. 12-24 D '61
New books put out by the State Construction Publishing House Zhil. stroi. no 12-30 '61.
The principal articles published in "Sel'skoe Stroitel'stvo" during 1961. Sel'. stroi. 16 no. 12:30-31 D '61

BIBLIOGRAPHY—CZECHOSLOVAKIA
[New literature on European people's democracies and Slavic studies: Czechoslovakia.] Nov. lit. po evrop. stran, nar. dem. i slav.: Chekh. no. 12 '60.

BIBLIOGRAPHY—DERMATOLOGY
Bibliographical index in dermatovenercology for the 40 years of Soviet rule in Azerbaijan (1920-1960) I. M. Ismail-Zade. Azerb. med. zhur no. 11 58-61 N '61.

BIBLIOGRAPHY—DIESEL LOCOMOTIVES
Books for diesel locomotive operators to be published during 1962 V. A. Drobinskii Elek i tepl tiaga 6 no. 2-3 of cover F '62.

BIBLIOGRAPHY—DISSERTATIONS, ACADEMIC
Moscow. Publichnaia biblioteka. [Catalog of candidates' and doctor's dissertations received by the V. I. Lenin Library and the State Central Medical Library in the first quarter of 1961] Katalog kandidatskikh i doktorskikh dissertatsii, postupivshikh v Biblioteku imeni V. I. Lenina i Gosudarstvennuiu tsentral'nuiu nauchnuiu Meditsinskuiu biblioteku v 1-m kvartale 1961 goda. Moskva, 201 p.

BIBLIOGRAPHY—EARTH
Bogatova, G. P. [The earth in its past and present, index of scientific and popular literature] Zemlia v ee proshlom i nastoiashchem; ukazatel' nauchno-populiarnoi literatury. Izd. 3., dop. i perer. Moskva, Gos. biblioteka SSSR im. V. I. Lenina, 1961. 46 p. (Knigi o prirode i ee zakonakh)

BIBLIOGRAPHY—ECONOMICS
Department of Economics, Philosophy, and Law. Vest. AN SSSR 32 no. 3:127-129 Mr '62.
[New foreign books on the social sciences; economics, philosophy, history, international relations.] Nov. knigi za rub. po obshchestv. naukam, ekon., filos., ist., mezhdunar. otn. 5 nos. 2-3 F-Mr '62.

BIBLIOGRAPHY—EDUCATION
Bibliographer's page. Nar. obr. no. 3:113-114 Mr '62.
Bookshelf. Nar. obr. no. 3:112, 114 Mr '62.
[Literature on the pedagogical sciences.] Lit. po ped. nauk. i nar. obr. O-D '60; Ja-Je '61. no. 4 '60; nos. 1-2 '61.
New books of the Publishing House of the Academy of Pedagogical Sciences of the R. S. F. S. R. Sov. pedag 26 no. 1:149-151 Ja '62.

BIBLIOGRAPHY—ELECTIONS
Literature for the elections to the Supreme Soviet of the U. S. S. R. Polit. samoobr. 6 no. 2:143-144 F '62.

BIBLIOGRAPHY—ELECTRIC ENGINEERING
Bibliography. Elektrosviaz' 16 no. 1:77-80, 3 of cover Ja '62.
Certificates of invention. Elektrosviaz' 16 no. 1:73-74 Ja '62.
Dissertations for the degree of candidate of technical sciences. A. S. Sergeev. Elektrichestvo no. 3:93-95 Mr '62.
New books. Elektrichestvo no. 2,96 F '62.
New books. Elektrichestvo no. 3:96 Mr '62

BIBLIOGRAPHY—ELECTRIC LOCOMOTIVES
Collected works of the workers of the institute of electric locomotive building. A. B. Izv. vys. ucheb. zav. elektromekh. 5 no. 1:107-108 '62
New books. Elek. i tepl. tiaga 6 no 2-48 F '62

BIBLIOGRAPHY—ELECTRONIC ANALOG COMPUTERS
List of literature on mathematical simulation (analog computers) for 1959. Avtom i telem. 23 no 2 256-271 F '62

BIBLIOGRAPHY—ELECTRONICS
[Annotated bibliography on electronics.] Annot. ukaz. lit. po radiosviaz. 18 nos. 1-3 '62.

BIBLIOGRAPHY—FARM MECHANIZATION
New books. Tekh. v sel'khoz. 22 no. 2:60 F '62.

BIBLIOGRAPHY—FINANCE
New books on accounting and the analysis of financial and administrative operations of enterprises Bukhg. uchet 19 no. 1:78-79 Ja '62.

BIBLIOGRAPHY—FISHERIES
New literature on the fishing industry. Ryb. khoz. 38 no. 2:85-86 '62

BIBLIOGRAPHY—FOOD—TABLES, CALCULATIONS, ETC.
New book Vop. pit. 21 no. 1:4 of cover Ja-F '62.

BIBLIOGRAPHY—FORGING
New books. Kuz.-shtam. proizv. 4 no. 2:47-48 F '62.

BIBLIOGRAPHY—FORGING MACHINERY
Russia (1923- U. S. S. R.) Komitet po delam izobretenii i otkrytii. [Collection of inventions; manufacture of forging and sheet metal working machinery and press-working operations] Sbornik izobretenii; kuznechno-pressovoe mashinostroenie i shtampovochnye raboty. Moskva, TSentr. biuro tekhn. informatsii, 1961. 126 p. (Sborniki otechestvennykh izobretenii)

BIBLIOGRAPHY—GEOGRAPHY
Department of Geology and Geography. Vest. AN SSSR 32 no. 3:116-118 Mr '62.

BIBLIOGRAPHY—GEOLOGY
Department of Geology and Geography. Vest. AN SSSR 32 no. 3:116-118 Mr '62.
Literature on geology received by the library of the Department of Geological and Geographical Sciences of the Academy of Sciences of the U. S. S. R. during December 1960. Izv. AN SSSR. Ser. geol. no. 3:117-131 Mr '61.
Literature on geology received by the library of the Department of Geological and Geographical Sciences of the Academy of Sciences of the U. S. S. R. during December 1961 Izv AN SSSR. Ser. geol. 27 no 3 122-128 Mr '62.

BIBLIOGRAPHY—GEOPHYSICS
Akademiia nauk SSSR. Komitet po geodezii i geofiziko. [Information on scientific works on seismology and physics of the earth's interior, 1957-1959; presented at the International Association of Seismology and Physics of the Earth's Interior on the occasion of the 12th General Assembly of the International Union of Geodesy and Geophysics] Soobshchenie o nauchnykh rabotakh po seismologii i fizike nedr zemli 1957-1959 gg.; predstavlaiutsia v Mezhdunarodnuiu assotsiatsiiu seismologii i fiziki nedr zemli k XII General'noi assamblee Mezhdunarodnogo geodezicheskogo i geofizicheskogo soiuza. Moskva, 1960. 144 p.
[Bibliography of the IGY World Data Center B1] Bibl. ukaz. Mir. tsentra dan. MGG B1 no. 4 pt. 1 '60.

BIBLIOGRAPHY—GREAT BRITAIN—HISTORY
"Writings on British history, 1940-1946" [in English], Reviewed by I. I. Frolova. Vop. ist. no. 2:204-205 F '62.

BIBLIOGRAPHY—HEAT ENGINEERING
Books on heat control and automation. Teploenergetika 8 no. 3:95-96 Mr '62

BIBLIOGRAPHY—HISTORY
Articles published in Soviet historical periodicals. Vop. ist. no. 2:157-159 F '62.
Articles published in Soviet historical periodicals. Vop. ist. no. 3:150-153 Mr '62.
Department of History. Vest. AN SSSR 32 no. 3:125-127 Mr '62.
Foreign reviews of Soviet historical studies. Vop. ist. no. 2:203-204 F '62.
Foreign reviews of Soviet historical studies. Vop. ist. no. 3:197-199 Mr '62.
From the Publishing House of the Academy of Pedagogical Sciences of the R. S. F. S. R. for history teachers Prep ist v shkole 17 no. 2:114-116 Mr-Ap '62.
Historical articles in periodicals published in socialist countries. Vop. ist. no. 2:176-178 F '62.
Historical articles in periodicals published in socialist countries. Vop. ist. no. 3:179-180 Mr '62.
New books. Vop. ist. no. 2:154-156 F '62.
New books. Vop. ist. no. 3:148-150 Mr '62.
[New foreign books on the social sciences; economics, philosophy, history, international relations.] Nov. knigi za rub. po obshchestv. naukam; ekon., filos., ist., mezhdunar. otn. 5 nos. 2-3 F-Mr '62.

BIBLIOGRAPHY—HISTORY, MODERN
Annotations. Nov. i noveish. ist. no. 1:171-175 '62.
Brief notes about new books and articles. Nov. i noveish. ist. no. 1:164-170 '62.
Historical articles published in foreign periodicals. Nov i noveish. ist. no. 1:176-181 '62
Soviet books, source materials, and articles in the field of modern and recent history published in 1960. Nov i noveish. ist. no. 1:182-183 '62

BIBLIOGRAPHY—HOME AND SCHOOL
Educational work of schools and families. Rad. shk. 10 no. 2:92-94 F '62.

BIBLIOGRAPHY—HYDRAULIC ENGINEERING
Contents of this magazine for 1961. Gidr. stroi. 32 no. 12:62-64 D '61.
From the pages of foreign magazines. Gidr. stroi. 32 no. 12:54-58 D '61.

BIBLIOGRAPHY—HYDROLOGY
Literature on meteorology, hydrology, and oceanography published in 1961 (continuation). Meteor i gidrol. no 2 64-67 F '62.

BIBLIOGRAPHY—INDUSTRIAL HYGIENE
From the 1962 subject plan of the Trade Union Publishing House. Okhr. truda i sots. strakh. 5 no. 1:42 Ja '62
New books. Gig. truda i prof. zab. 6 no. 1:3-4 of cover Ja '62.

BIBLIOGRAPHY—INDUSTRIAL SAFETY
[Books on safety engineering; bibliographic index] Literatura po tekhniko bezopasnosti; bibliograficheskii ukazatel'. [Moskva] Izd-vo VTsSPS Profizdat, 1961. 204 p.
New books. Bez. truda v prom. 6 no. 1:36 Ja '62.

BIBLIOGRAPHY—INSURANCE, SOCIAL
From the 1962 subject plan of the Trade Union Publishing House. Okhr. truda i sots. strakh. 5 no. 1:42 Ja '62.

BIBLIOGRAPHY—INTERNATIONAL LAW
Legal publications in foreign countries, studies in the field of international law published in 1955. Sov. gos. i pravo no 2,156-160 F '57

BIBLIOGRAPHY—INTERNATIONAL RELATIONS
[New foreign books on the social sciences; economics, philosophy, history, international relations.] Nov. knigi za rub. po obshchestv. naukam; ekon., filos., ist., mezhdunar. otn. 5 nos. 2-3 F-Mr '62.

BIBLIOGRAPHY—IRON MINES AND MINING
Books on the iron-ore industry abroad. Gor. zhur. no. 12 65-67 D '61.

BIBLIOGRAPHY—LABOR AND LABORING CLASSES
Literature on problems of labor and wages. Biul. nauch. inform.-trud i zar. plata 5 no. 1 76-79 '62.
Literature on the problems of labor and wages. Biul. nauch. inform.: trud i zar. plata 5 no. 2:70-72 '62.

BIBLIOGRAPHY—LATVIA—COMMUNIST PARTY
Riga. Valsts bibliotēka. [Brief index of studies on the history of the Communist Party of Latvia, 1920-1940] Latvijas Komunistiskas partijas vēsture. Rīga, Valsts politiskās literatūras izdevniecība, 1961. 204 p.

BIBLIOGRAPHY—LITERATURE
New books. Lit. gaz. no. 1:6 Ja 2 '62.

BIBLIOGRAPHY—LITHUANIAN LITERATURE—HISTORY AND CRITICISM

Lietuvos TSR mokslu akademija, Vilna. Lietuviu kalbos ir literaturos institutas. [Soviet Lithuanian literature and criticism, 1956-1960, a bibliographic index] Tarybine lietuviu literatura ir kritika, 1956-1960, bibliografine rodykle. Vilnius, 1961. 325 p. [In Lithuanian]

BIBLIOGRAPHY—LOCAL GOVERNMENT

Our bookshelf. Sov. deput. trud no 2:93-94 F '62.

BIBLIOGRAPHY—MACHINE ACCOUNTING

New books on statistics and accounting Vest stat no 3 76-80 '62

BIBLIOGRAPHY—MANUAL TRAINING

Books on work training. T Volikova. Sem'ia i shkola 17 no.1 41-42 Ja '62

BIBLIOGRAPHY—MANUSCRIPTS

Azbelev, S.N. [Novgorod chronicles of the 17th century] Novgorodskie letopisi XVII veka. Novgorod [Borovichskaia gorodskaia tip.] 1960 290 p (RPB)

BIBLIOGRAPHY—MATHEMATICS

Department of Physics and Mathematics. Vest. AN SSSR 32 no. 3 109-112 Mr '62

BIBLIOGRAPHY—MEASURING INSTRUMENTS

From periodicals. Izm. tekh. no 2-62 F '62.

Review of periodicals. Izm. tekh. no. 3-61 Mr '62.

BIBLIOGRAPHY—MEAT INDUSTRY

New books. Miasn ind. SSSR 32 no. 6 59-60 '61

BIBLIOGRAPHY—MECHANICAL ENGINEERING

Books. Stan. i instr 33 no 3-46-47 Mr '62.

Books and periodicals. Stan. i instr. 33 no. 1-47-48 Ja '62.

Department of Technical Sciences. Vest. AN SSSR 32 no 3 122-125 Mr '62

Dissertations for the degree of candidate of sciences at the Leningrad Institute of Precision Mechanics and Optics. V. Khvalovskii Izv. vys ucheb zav ,prib. 5 no. 1:147-149 '62.

BIBLIOGRAPHY—MEDICAL LABORATORIES

Through the pages of the journals. Gigiena i sanitariia for 1960 N I Khramova, N S Akatova. Lab delo 8 no 2 63 F '62.

BIBLIOGRAPHY—MEDICINE

Dissertations approved by the Higher Attestation Commission (VAK) in May 1960. M A Voskanov. Terap arkh no. 12 116-119 '61

New books. Ortop., travm. i protez. no 12 65 '61.

New books. Sov. zdrav. 21 no 1-72 '62.

New books, appearing in the [White Russian] Republic's scientific-medical library. Zdrav. Bel 7 no. 12: 4 of cover D '61

New books published in Tashkent. Med. zhur. Uzb. no. 2-79 F '60.

New books published in Tashkent. Med. zhur. Uzb. no. 6: 80 Je '60

[New foreign books. Series V: Biology, medicine, agriculture] Nov. knigi za rub. Ser. V: Biol., med., sel'. khoz. 6 no. 3 Mr '62.

State Publishing House for medical literature announces its 1962 publications Med prom. 15 no. 12:2-3 of cover D '61.

State Publishing House for Medical Literature announces its publications for 1962. Sov med 25 no. 12:168-3 of cover D '61

State Publishing House for Medical Literature announces the following editions for publication in 1962. Vest. AMN SSSR 16 no. 11.4 of cover '61.

BIBLIOGRAPHY—METALS

New books Metalloved. i term. obr met. no 3-33 Mr '62

Results of the 1961 All-Union Competition for the D. K. Chernov's and N A. Minkevich's Prizes S. L. Rustem. Metalloved. i term. obr. met no 3 63-64, 3 of cover Mr '62.

BIBLIOGRAPHY—METEOROLOGY

Literature on meteorology, hydrology, and oceanography published in 1961 (continuation). Meteor. i gidrol no. 2, 64-67 F '62.

BIBLIOGRAPHY—MICROBIOLOGY

State Publishing House for Medical Literature announces for 1962 publication for following editions. Vop. virus. 6 no. 6:3-4 of cover N-D '61

BIBLIOGRAPHY—MILITARY ART AND SCIENCE

Military Publishing House has brought out these books. S. Borzunov. Voen. znan. 38 no. 2:39 F '62.

Studies on the history of wars and military art Voen - ist. zhur. 4 no. 3-116-118 Mr '62.

BIBLIOGRAPHY—MINERAL INDUSTRIES

Department of Technical Sciences. Vest. AN SSSR 32 no. 3:122-125 Mr '62.

BIBLIOGRAPHY—MINING ENGINEERING

Foreign periodical literature. Gor. zhur. no. 7-3 of cover Jl '61

BIBLIOGRAPHY—MONGOLIAN STUDIES

Akademiia nauk SSSR. Biblioteka. [Bibliography of works on Mongolia published in the Russian language; 1824-1960] Ukazatel' bibliografii po mongolovedeniiu na russkom iazyke; 1824-1960. Sost R. L Baldaev i N N Vasil'ev Pod red. G IA Smolina i K. I Shafranovskogo Leningrad, 1962 88 p.

BIBLIOGRAPHY—MOSCOW, BATTLE OF, 1941-1942

Military historical literature on the fighting around Moscow. M Malakhov, N. Eronin Voen.-ist zhur 3 no 12 99-105 D '61.

BIBLIOGRAPHY—MOTION-PICTURE PHOTOGRAPHY

8 mm motion-picture photography. Tekh. kino i telev. 6 no 2 79-84 F '62.

BIBLIOGRAPHY—MOTION-PICTURE THEATERS

Economics of motion pictures Tekh. kino i telev. 6 no. 2 86-89 F '62.

BIBLIOGRAPHY—MOTOR VEHICLES

Literature on special-purpose motor vehicles. Avt transp. 40 no 3 59-60 Mr '62.

Malkovich, L. I. [Motor vehicles of the present and the future; review of recommended reading] Avtomobili nastolashchego i budushchego, rekomendatel'nyi obzor literatury. Moskva, Gos. biblioteka SSSR im. V. I. Lenina, 1962. 24 p. (Novosti nauki i tekhniki, no. 32)

New books. Avt. prom. 28 no. 1:48 Ja '62.

New books. Avt. prom. 28 no. 2-3 of cover F '62.

These will by published in 1962. I. Filimonov. Za rul. 20 no 1 31 Ja '62.

BIBLIOGRAPHY—MUSIC

Popular works on music. A. Uteshev. Sov. muz. 26 no. 2-141-143 F '62.

To aid historians. V. Natanson. Sov. muz. 26 no. 2: 140-141 F '62.

BIBLIOGRAPHY—NONFERROUS METALS

New technical publications. TSvet. met. 35 no. 2:88-91 F '62.

BIBLIOGRAPHY—NUCLEAR RESEARCH

New literature. Atom. energ. 12 no. 3, 263-271 Mr '62.

BIBLIOGRAPHY—OCEANOGRAPHY

Literature on meteorology, hydrology, and oceanography published in 1961 (continuation). Meteor i gidrol. no. 2 64-67 F '62

BIBLIOGRAPHY—OIL FIELDS—SAFETY MEASURES

New books published by the State Scientific and Technical Publishing House of the Petroleum and Mineral-Fuel Industry Bezop truda v prom. 6 no. 2, 38 F '62.

BIBLIOGRAPHY—OPTICS

Optics and lighting engineering. Tekh. kino i telev. 6 no. 2 86-89 F '62

BIBLIOGRAPHY—OTOLARYNGOLOGY

Bibliography of Russian literature; articles on otorhinolaryngology appearing in general medical publications during 1959. Vest otorin. No 4:117-121 '61.

BIBLIOGRAPHY—PETROLEUM INDUSTRY

Books on the history of science and technology. Neftianik 7 no. 1:35 Ja '62.

BIBLIOGRAPHY—PHARMACY

"Handbook for the pharmaceutical worker" by I. K. Gubochkina and A. S. Sokolov. Lab. delo 8 no. 2:4 of cover F '62.

"Handbook for the pharmacist." I. K. Gubochkina, A. S. Sokolov. Antibiotiki 7 no. 2 2 of cover F '62.

State Publishing House for Medical Literature announces for publication in 1962 the following editions. Apt. delo 10 no. 6:3-4 of cover N-D '61.

BIBLIOGRAPHY—PHILOLOGY

Department of Literature and Language. Vest. AN SSSR 32 no. 3:129-130 Mr '62.

BIBLIOGRAPHY—PHILOSOPHY

Department of Economics, Philosophy, and Law. Vest. AN SSSR 32 no. 3:127-129 Mr '62.

[New foreign books on the social sciences; economics, philosophy, history, international relations.] Nov. knigi za rub. po obshchestv. naukam; ekon., filos., ist., mezhdunar. otn. 5 nos. 2-3 F-Mr '62.

New philosophical studies. Vop. filos. 16 no. 3:180-184 '62.

BIBLIOGRAPHY—PHOTOSYNTHESIS

Artsikhovskaia, N. V. [Photosynthesis; index of Soviet and foreign literature] Fotosintez; ukazatel' otechestvennoi i inostrannoi literatury. Otv. red. B. A. Rubin. Bibliogr. red. E. S. Romanovskaia. [Moskva] Izd-vo Mosk. univ.,

Vol. 1. 1951-1958.
Pt. 3. 1961. 504 p.

BIBLIOGRAPHY—PHYSICAL EDUCATION AND TRAINING

New books. Teor. i prak. fiz. kul't. 24 no. 10:780, 792, 797 '61.

New books. Teor. i prak. fiz. kul't. 24 no. 8-61 1, 621, 630 '61.

BIBLIOGRAPHY—PHYSICS

Department of Physics and Mathematics. Vest. AN SSSR 32 no 3:109-112 Mr '62.

New books on physics. T. O Vreden-Kobetskaia. Usp. fiz nauk 76 no 1-191-197 Ja '62

Bibliographic index of works of collaborators of the Theoretical Division of the P N. Lebedev Physical Institute of the Academy of Sciences of the U S S. R. for 1934-1960 A A Sakova, G F Zharkov Trudy Fiz. inst 16 140-166 '61

New books on physics. T. O. Vreden-Kobetskaia. Usp. fiz nauk 76 no 2:301-306 F '62

BIBLIOGRAPHY—PIROGOV, NIKOLAI IVANOVICH, 1810-1881

Index to the basic literature on the life and work of N. I. Pirogov Nov. khir. arkh. no. 3-108-113 My-Je '60.

BIBLIOGRAPHY—PLAKSIN, IGOR' NIKOLAEVICH, 1900-

Akademiia nauk SSSR. Igor' Nikolaevich Plaksin. Vstupitel'naia stat'ia V. I. Klassena i V. A. Glembotskogo. Bibliografiia sostavlena A. P. Epifanovoi. Moskva, Izd-vo Akad. nauk SSSR, 1962. 116 p. (Materialy k biobibliografii uchenykh SSSR. Seriia tekhnicheskikh nauk, Gornoe delo, no. 10)

BIBLIOGRAPHY—PLANTS, PROTECTION OF

Works published by the members of the Azerbaijan Plant Protection Station. Trudy AzSTAZRa 1-143-146 '60

BIBLIOGRAPHY—PLASTICS

Russia (1923- U. S. S. R.) Ministerstvo putei soobshcheniia. TSentral'naia nauchno-tekhnicheskaia biblioteka [Use of plastics and synthetic products in railroad transportation in the U. S. S. R. and in foreign countries, bibliographic index of Soviet and foreign publications] Primenenie plastmass i sinteticheskikh materialov na zheleznodorozhnom transporte v SSSR i za rubezhom, bibliograficheskii ukazatel' otechestvennoi i inostrannoi literatury, 1950-1960 gg. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961 38 p

BIBLIOGRAPHY—POLAND

[New literature on European people's democracies and Slavic studies; Poland.] Nov. lit. po evrop. stran, mar. dem. i slav.: Pol'. no. 12 '61.

BIBLIOGRAPHY—POULTRY BREEDING

Catalog of translations, abstracts, and reviews on bee culture and poultry breeding in the collections of the Central Scientific Library of Agriculture. Biul. TSentr. nauch. sel'khoz. bibliot no. 6-88-101 '60.

BIBLIOGRAPHY—POWER ENGINEERING

Books published by the State Trust for the Organization and Efficiency of Electric Power Plants during 1961. Teploenergetika 9 no. 2, 96 F '62.

New books published by the State Power Engineering Publishing House. Teploenergetika 9 no. 2, 85 F '62.

BIBLIOGRAPHY—PSYCHIATRY

Dissertations defended, monographs and collections of articles published by the Institute of Psychiatry of the Academy of Medical Sciences of the U. S. S. R. in 1958 and 1959. Vop. psikh. no. 4:369-371 '60.

BIBLIOGRAPHY—PUBLIC HEALTH

New books. Vest. AMN SSSR 16 no. 12:4 of cover '61.

BIBLIOGRAPHY—PUSHKIN, ALEKSANDR SERGEEVICH, 1799-1837

Aid for teachers. Rus. iaz. v shkole 23 no. 1-53-54 Ja-F '62.

BIBLIOGRAPHY—RADIO

New books. Radiotekhnika 17 no. 1:3 of cover Ja '62.

New books. Radiotekhnika 17 no. 2:3 of cover F '62.

New books. Radiotekhnika 17 no. 3 3 of cover Mr '62.

BIBLIOGRAPHY—RADIOLOGY, MEDICAL

State Publishing House for Medical Literature announces for publication in 1962 the following editions. Vest. rent. i rad. 36 no. 6.2-4 of cover N-D '61.

BIBLIOGRAPHY—RAILROAD ENGINEERING

Authors' abstracts of dissertations for an academic degree. Vest. TSNII MPS 21 no. 1:64 '62.

BIBLIOGRAPHY—RAILROADS

New books. Vest. TSNII MPS 21 no. 1:3 of cover '62.

BIBLIOGRAPHY—RAILROADS—EQUIPMENT AND SUPPLIES

Russia (1923- U. S. S. R.) Ministerstvo putei soobshcheniia. TSentral'naia nauchno-tekhnicheskaia biblioteka. [Use of plastics and synthetic products in railroad transportation in the U. S. S. R. and in foreign countries; bibliographic index of Soviet and foreign publications] Primenenie plastmass i sinteticheskikh materialov na zheleznodorozhnom transporte v SSSR i za rubezhom; bibliograficheskii ukazatel' otechestvennoi i inostrannoi literatury, 1950-1960 gg. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 38 p.

BIBLIOGRAPHY—RAILROADS—TRACK

New books on tracks. A. E. Vicherevin. Put' i put. khoz. 6 no. 2:44 '62.

Russia (1923- U. S. S. R.) Ministerstvo putei soobshcheniia. TSentral'naia nauchno-tekhnicheskaia biblioteka. [Continuous track, bibliography of Russian and foreign publications, 1884-1960] Besstykovoi put', bibliograficheskii ukazatel' otechestvennoi i inostrannoi literatury, 1884-1960. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 85 p.

BIBLIOGRAPHY—ROAD CONSTRUCTION

Literature on road construction to be published in 1962. V. Chvanov Avt. dor. 25 no. 1:30-31 Ja '62

New books. Avt. dor. 25 no. 1:4 of cover Ja '62.

BIBLIOGRAPHY—ROADS

New books Avt. dor. 25 no. 2:4 of cover F '62.

BIBLIOGRAPHY—RUMANIA

[New literature on European people's democracies: Rumania.] Nov. lit. po evrop. stran. nar. dem. : Rum. no. 12 '61.

BIBLIOGRAPHY—RUSSIA—HISTORY

Moscow. Publichnaia biblioteka. Otdel spravochno-bibliograficheskoi i informatsionnoi raboty [History of Soviet society in the reminiscences of contemporaries, annotated bibliography of memoirs] Istoriia sovetskogo obshchestva v vospominaniiakh sovremennikov; annotirovannyi ukazatel' memuarnoi literatury. Moskva.
Pt. 2., No. 1. [Articles published in Soviet periodicals from 1917 to 1927] Zhurnal'nye publikatsii 1917-1927 gg. 1961. 252 p.

BIBLIOGRAPHY—RUSSIAN LANGUAGE—DICTIONARIES

Kaufman, I. M. [Dictionaries of special terms; a bibliography] Terminologicheskie slovari, bibliografiia. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 419 p.

BIBLIOGRAPHY—RUSSIAN NEWSPAPERS

Mezhdunarodnaia kniga. Gazety i zhurnaly SSSR na 1961 god. Newspapers and magazines of the USSR for 1961. Moscow, 254 p.

BIBLIOGRAPHY—RUSSIAN PERIODICALS

Mezhdunarodnaia kniga. Gazeta i zhurnaly SSSR na 1961 god. Newspapers and magazines of the USSR for 1961. Moscow, 254 p.

BIBLIOGRAPHY—SANITARY ENGINEERING

Annotated bibliography. Vod. i san. tekh. no. 2 40 - 3 of cover F '62

BIBLIOGRAPHY—SAVITSKII, GEORGII KONSTANTINOVICH, 1887-1949

Politshchuk, E. A. Georgii Konstantinovich Savitskii. Moskva, Iskusstvo, 1961. 201 p. (MII)

BIBLIOGRAPHY—SCIENCE

[Information bulletin of new foreign books, received by the Lenin Library. Series I: Physical, mathematical, chemical, geological and geographical sciences; technology and technological sciences] Inform. biul. nov. inostr. knig, postup. v Bibl. im. V. I. Len. Ser. I: Fiz. - mat., khim. i geol. -geog. nauki; tekh. i tekh. nauki 7 no. 6 F '62.

Published in "Vysshaia shkola." Vest. vys. shkoly 20 no. 3:95-96 Mr '62.

Siberian branch. Vest. AN SSSR 32 no. 3:130-131 Mr '62.

You will soon read these books. Tekh. mol. 30 no. 1:16 '62.

BIBLIOGRAPHY—SHEET-METAL-WORKING MACHINERY

Russia (1923- U. S. S. R.) Komitet po delam izobretenii i otkrytii. [Collection of inventions; manufacture of forging and sheet metal working machinery and press-working operations] Sbornik izobretenii; kuznechno-pressovoe mashinostroenie i shtampovochnye raboty. Moskva, TSentr. biuro tekhn. informatsii, 1961. 120 p. (Sborniki otechestvennykh izobretenii)

BIBLIOGRAPHY—SIBERIA—GEOLOGY

Literature on the geology of Siberia received by the State Public Scientific and Technical Library of the Siberian Branch of the Academy of Sciences of the U. S. S. R. during the period April 24-May 28, 1961. Geol. i geofiz. no. 11:126-136 '61.

BIBLIOGRAPHY—SKIS AND SKIING

Learn to ski. What to read about automobiles. Starsh. - serzh. no. 11:20 O[i. e. N] '61

BIBLIOGRAPHY—SOCIAL SCIENCES

Publishing houses in 1962. Polit. samoobr. 6 no. 2: 141-143 F '62.

BIBLIOGRAPHY—SOCIALIST COMPETITION

What to read about communist labor in the enterprises of textile industry. Tekst. prom. 22 no. 1:91-92 Ja '62.

BIBLIOGRAPHY—SOVIET CENTRAL ASIA—ARCHAEOLOGY

Work of the Department of the Archaeology of Central Asia in the publications of the Central Asia State University. Trudy TashGU no. 172:207-209 '60

BIBLIOGRAPHY—STANDARDIZATION

From technical periodicals T. V. Tiuskolinavskaia Standartizatsiia 26 no. 2:61-63 F '62

BIBLIOGRAPHY—STATISTICS

New books on statistics and accounting Vest. stat. no. 3 78-80 '62

BIBLIOGRAPHY—STOCK AND STOCKBREEDING

Catalog of translations, abstracts, and reviews on general stockbreeding and cattle breeding in the collections of the Central Scientific Library of Agriculture. Biul. TSentr. nauch. sel'khoz. bibliot. no. 5:18-66 '60

BIBLIOGRAPHY—SURVEYING

Belikov, F. V., comp. [Bibliographical index of geodetic literature for the 40-year period, 1917-1956] Bibliograficheskii ukazatel' geodezicheskoi literatury za 40 let, 1917-1956. Pod red. L. S. Khrenova. Moskva, Izd-vo geod. lit-ry, 1961. 535 p.

BIBLIOGRAPHY—TAJIK LITERATURE

Ponomareva, Z. V., and Z. A. Chernykh. [Tajik literature; a recommended reading list] Tadzhikskaia literatura; rekomendatel'nyi ukazatel'. Moskva, Gos. Respublikanskaia biblioteka Tadzhikskoi SSR im. Firdousi, 1961. 147 p.

BIBLIOGRAPHY—TATAR A. S. S. R.—OIL FIELDS

Books on Tatar oil. Neftianik 7 no. 2:35 F '62.

BIBLIOGRAPHY—TECHNOLOGICAL INNOVATIONS

In the world of science and technology; developments in foreign countries. Prom. Arm. 4 no. 12 75-77 D '61.

In the world of science and technology; developments in the U. S. S. R. Prom. Arm. 4 no. 12 73-75 D '61.

BIBLIOGRAPHY—TECHNOLOGY

[Information bulletin of new foreign books, received by the Lenin Library. Series I: Physical, mathematical, chemical, geological and geographical sciences; technology and technological sciences] Inform. biul. nov. inostr. knig, postup. v Bibl. im. V. I. Len. Ser. I: Fiz. - mat., khim. i geol. -geog. nauki, tekh. i tekh. nauki 7 no. 6 F '62.

Published in "Vysshaia shkola." Vest. vys. shkoly 20 no. 3:95-96 Mr '62.

Teplov, D. IU. [Technological bibliography in the U. S. S. R., a brief historical account] Informatsionno-tekhnicheskaia bibliografiia v SSSR, kratkii istoricheskii ocherk. Moskva, Izd-vo Akad. nauk SSSR, 1962. 123 p.

BIBLIOGRAPHY—TELECOMMUNICATION

Bibliography Elektrosviaz' 16 no. 2:77-80, 3 of cover F '62.

Certificates of invention. Elektrosviaz' 16 no. 2:73-74 F '62.

Literature for communication workers. B. A. Voronov. Vest. sviazi 22 no. 3:31-32 Mr '62.

BIBLIOGRAPHY—TELEVISION

Books on television engineering to be published in 1962. Tekh. kino i telev. 6 no. 2:92-93 F '62.

Television. Tekh. kino i telev. 6 no. 2:84-86 F '62.

BIBLIOGRAPHY—TEXTILE INDUSTRY

Foreign technology developments in brief. Tekst. prom. 22 no. 1:88-89 Ja '62.

From pages of periodicals published by economic councils. Tekst. prom. 22 no. 1:93-94 Ja '62.

From pages of periodicals published by economic councils. Tekst. prom. 21 no. 12:84-85 D '61.

From pages of the periodicals of economic councils. Tekst. prom. 21 no. 6:84-85 Je '61.

BIBLIOGRAPHY—TOLSTOI, LEV NIKOLAEVICH, 1828-1910

Moscow. Vsesoiuznaia gosudarstvennaia biblioteka inostrannoi literatury. [Works of L. N. Tolstoi translated into foreign languages; bibliography of separate foreign editions] Khudozhestvennye proizvedeniia L. N. Tolstogo v perevodakh na inostrannye iazyki (otdel'nye zarubezhnye izdaniia); bibliografiia. Moskva, Izd-vo Vses. knizhnoi palaty, 1961. 588 p.

BIBLIOGRAPHY—TRADE UNIONS

Books published by the Trade Union Publishing House, I. Smirnov. Sov. profsoiuzy 18 no. 1:47-48 Ja '62.

BIBLIOGRAPHY—UKRAINE

New books. Dop. AN URSR no. 2:275-276 '62.

BIBLIOGRAPHY—UKRAINE—MINERALOGY

Literature on the mineralogy of the Ukraine for 1959. F. F. Maksimenko. Min. sbor. no. 14:444-470 '60.

BIBLIOGRAPHY—UKRAINIAN LITERATURE

Books on the study of Ukrainian literature published during 1961. Rad. lit. 6 no. 2:143-147 Mr-Ap '62.

BIBLIOGRAPHY—VENEREOLOGY

Bibliographical index in dermatovenereology for the 40 years of Soviet rule in Azerbaijan (1920-1960). I. M. Ismail-Zade. Azerb. med. zhur. no. 11:58-61 N '61.

BIBLIOGRAPHY—VETERINARY MEDICINE

New books in veterinary science. Veterinariia 39 no. 1: 92 Ja '62.

BIBLIOGRAPHY—VOCATIONAL EDUCATION

Textbooks and manuals for the training of workers. Prof.-tekh. obr. 19 no. 2:31 F '62

BIBLIOGRAPHY—VOLOGDA PROVINCE—ECONOMIC CONDITIONS

Books on regional study. Volog. krai. no. 1:215-216 '59.

BIBLIOGRAPHY—VOYAGES AND TRAVELS

Fascinating, instructive, interesting. Vl. Milkov. Vokrug sveta no. 4 61-62 Ap '61.

BIBLIOGRAPHY—WAGES

Literature on the problems of labor and wages. Biul. nauch. inform. i trud i zar. plata 5 no. 2 70-72 '62.

BIBLIOGRAPHY—WATER SUPPLY

Annotated bibliography. Vod. i san. tekh. no. 2 40 - 3 of cover F '62.

BIBLIOGRAPHY—WELDING

Foreign publications on welding. Svar. proizv. no. 2: 47 F '62

Foreign publications on welding Svar. proizv. no. 3: 47 Mr '62.

Soviet inventions in welding. Svar. proizv. no. 3:45 Mr '62.

Soviet publications on welding. Svar. proizv. no. 2:45-46 F '62

Soviet publications on welding. Svar. proizv. no. 3:45-46 Mr '62.

BIBLIOGRAPHY—WOODWORKING INDUSTRIES

From pages of technical and economic bulletins of economic councils. Der. prom. 11 no. 3:3-4 of insert Mr '62.

BIBLIOGRAPHY—WORLD POLITICS

Egorov, V. N., comp. [Bibliography in international relations, 1945-1960] Mezhdunarodnye otnosheniia; bibliograficheskii spravochnik, 1945-1960 gg. Moskva, Izd-vo in-ta mezhdunarodnykh otnoshenii, 1961. 405 p.

BIBLIOGRAPHY—WORLD WAR, 1939-1945

Studies on the history of wars and military art. Voen.-ist. zhur. 4 no. 3 116-118 Mr '62.

We should prepare bibliographical indexes of historical studies devoted to the Great Patriotic War. A. Zil'berman Voen.-ist. zhur. 4 no. 3 101-103 Mr '62

BIBLIOGRAPHY—YUGOSLAVIA

[New literature on Yugoslavia.] Nov. lit. po IUg. no. 12 '61.

BIBLIOGRAPHY (THEORY, METHODS, ETC.)

Development of national bibliography in the Union and autonomous republics of the U. S. S. R. R. IA. Zverev. Trudy Gos. bibl. SSR 5:112-130 '61.

How can we protong the life of bibliographies? L. Reshetinskii Bibliotekar' no. 3.52-54 Mr '62

Kirpicheva, I. K. [Promoting library and bibliographical information in district and rural libraries; a textbook] Propaganda bibliotechno-bibliograficheskikh znanii v raionnykh i sel'skikh bibliotekakh; metodicheskoe posobie. Leningrad, Gos. publichnaia biblioteka im. M. E. Saltykova-Shchedrina, 1961. 73 p.

BIBLIOGRAPHY (THEORY, METHODS, ETC.)—CONGRESSES

Soveshchanie po rekomendatel'noi bibliografii, 1961. [Collection of materials of the Conference on Recommended Literature, held January 19-21, 1961] Sbornik materialov. Moskva, Gos. biblioteka SSSR im. V. I. Lenina, 1961. 185 p.

BICHE''

"n

E

I

I

B

BILE DUCTS—ABNORMITIES AND DEFORMITIES

Supernumerary hepatic ducts in the hepatoduodenal ligament in man [with summary in English]. E V IAkubovskaia Khirurgiia no 2 81-86 '62

BILE DUCTS—CANCER

Cancer of the gall bladder and of the extrahepatic bile ducts L. V. Avdeĭ. Zdrav. Bel 7 no 6:35-37 Je '61

BILE DUCTS—DISEASES

Effect of diseases of the liver and bile ducts on the coronary circulation. I.M.Gandzha. Vrach. delo no.1,54-58 Ja '62.

BILE DUCTS—FOREIGN BODIES

Rare localization of a metallic foreign body. M. V. Shadrina. Nov khir arkh no. 4:107-108 Jl-Ag '60

BILE DUCTS—SURGERY

Late result following choledochoduodenostomy for a persistent nonhealing biliary fistula A F Tolcheev. Nov khir arkh no 1:111-115 Ja-F '60.

Restorative operations on the bile ducts. I. A. Makarukha. Nov khir. arkh. no 4:95-96 Jl-Ag '60

BILE DUCTS—WOUNDS AND INJURIES

Closed injury of the abdomen with rupture of the head of the pancreas and the common bile duct. E. M. Borovyi, M. G. Khimich, A. I. Romaniuk. Nov. khir arkh no 2: 67-68 '62

BILIARY CALCULI see Calculi, Biliary

BILIARY TRACT—SURGERY

Repeated operations on the biliary tract. G.G.Karavanov F.A.Spektor. Nov khir.arkh no.1 27-32 Ja-F '60.

BILIRUBIN

Method for determining bilirubin in the blood serum. I.M Markelov, S I. Dolgushev Lab delo 8 no.2 19-21 F '62

BINDING MATERIALS

Adhesives for the manufacture of particle boards. A. G. Zebrodkin. Der. prom 11 no 3:3-5 Mr '62

Effect of the nature of the binding agents on the physical and mechanical properties of nonwoven fibrous film systems. Report No. 1. N. G. Ovachenko, S. A. Pavlov Izv. vys. ucheb. zav. ;tekh leg. prom. no 1:13-21 '62.

Study of the structure formation of a binder based on coumarone-indene resins and vat residues of synthetic aliphatic acids. L. A. Romanova. Shor trud VNIINSM no. 1:26-40 '61.

BIOCHEMISTRY

Asatiani, V. S. [Biological tables] Biologicheskie tablitsy. Tbilisi, Izd-vo AN Gruzinskoĭ SSR
Pt. 2. 1961. 326 p

"Biochemical individuality; the basis for the genetotrophic concept" by R. Williams Reviewed by B A Nikitiuk. Vop. antr. no. 5,157-158 '60.

Kuzin, A. M. [General biochemistry] Obshchaia biokhimiia. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 253 p.

Use of luminescence in the study of biological processes. L. A. Tumerman Izv AN SSSR Ser fiz. 26 no 1 84-93 Ja '62.

BIOCHEMISTRY—ABSTRACTS

[Chemistry: Biological chemistry.] Ref. zhur. Khim.; biol. khim. nos. 1-2 J '62.

BIOCHEMISTRY—CONGRESSES

At the Fifth International Biochemistry Congress (based on materials from the Section on the Biochemistry of Antibiotics). T. A. Uspenskaia. Antibiotiki 6 no. 12. 1128-1131 D '61.

Basic directions in the development of contemporary biochemistry (results of the work of the Fifth International Biochemistry Congress) M. Merezhinskiĭ. Zdrav. Bel. 7 no. 12:63-64 D '61

Fifth International Biochemical Congress. A. I. Kolotilova, S. N. Lyzlova, N. S. Panteleeva. Vest LGU 17 no 3:157-158 '62.

BIOGRAPHY—DICTIONARIES AND ENCYCLOPEDIAS

Biographic dictionary of naturalists and technologists Reviewed by A Narkevich. Tekh. mol. 30 no.1:18 '62

BIOLOGICAL LABORATORIES

Zhdanov, V. M., ed. [Collection of official materials relating to laboratory work] Sbornik ofitsial'nykh materialov po laboratornomu delu. Moskva, Medgiz.
Book 1. [Manual for laboratory doctors, sanitation doctors, and epidemiologists] V pomoshch' vracham-laborantam, sanitarnym vracham i vracham-epidemiologam. 1961. 462 p.
Book 2. [Manual for technicians in laboratories and sanitation and epidemiological stations, and for sanitation doctors and epidemiologists] V pomoshch' rabotnikam laboratorii, sanitarno-epidemiologicheskikh stantsiĭ, sanitarnomu vrachu, vrachu-epidemiologu. 1961. 867 p.
(DNLM)

BIOLOGICAL PRODUCTS—STANDARDS

Seventh International Congress of the Permanent Section on Standardization of Biological Preparations. S G Kolesov, I V. Zviagin Veterinariia 39 no. 1:82-86 Ja '62

BIOLOGICAL RESEARCH

Excursion into the "Living Cell" Combine. A Emmo. Tekh. mol. 30 no. 1:35-37 '62.

Horizons of science. M. Semenov. Nauka i zhyttia 11 no 1,10-13 Ja '62.

Ultramicrotome B. Klein Tekh. mol. 30 no. 1:34 '62.

BIOLOGISTS

Scientific ties between Russian and English biologists; from the materials of the Archives of the Academy of Sciences of the U. S. S. R. L. V. Zhigalova, M. I. Radovskiĭ Trudy Inst. ist est i tekh 41:94-111 '61

BIOLOGY

Artificial languages for biology. D. G. Lakhuti. Soob. LEM AN SSSR no 1:216-240 '60.

"Development of the general biology problems in Russia" by S. R. Mikulinskiĭ Reviewed by M. M. Abrashnev. Priroda 51 no 2,123-124 F '62

Items from foreign biological publications. N F. Neiman Agrobiologiia no. 6 930-932 N-D '61.

BIOLOGY—ABSTRACTS

[Biology.] Ref. zhur. Biol. nos. 3-5 F-Mr '62.

BIOLOGY—BIBLIOGRAPHY see Bibliography—Biology

BIOLOGY—COMPETITIONS see subdivision under Moscow

BIOLOGY—MODELS

Making waxed models. F. A. Vlasov Biol. v shkole no. 2:85-89 Mr-Ap '62.

BIOLOGY—PERIODICALS

Discussing the periodical. L. P. Bereutsina. Biol. v shkole no 2:90-91 Mr-Ap '62

BIOLOGY—PHILOSOPHY

Dialectical materialism's interpretation of the organism. G. A. IUgai. Trudy Inst. filos. i prava AN Kazakh. SSR 5:38-78 '61

BIOLOGY—STUDY AND TEACHING

Central methods section for the teaching of biology of the Pedagogical Society of the R. S. F. S. R. I. G Belov. Biol. v shkole no. 2:92 Mr-Ap '62.

Forming a scientific outlook in students in the process of teaching general biology. M. I. Mel'nikov. Sov pedag. 26 no. 1 10-25 Ja '62.

Let's improve organizational forms of academic work on biology. V. P. Strezikozin. Biol. v shkole no. 2,8-14 Mr-Ap '62.

Student participation in the preparation of lessons IA. M. Gavenskiĭ. Biol. v shkole no. 2:82 Mr-Ap '62.

BIOPSY

Role of prescalene biopsy in diagnosing lung cancer. V. S Pomelov. Khirurgiia no. 2 107-112 '62.

BIOTIN

Filippov, V. V. [Biotin in plants and animals] Biotin v rastitel'nom i zhivotnom organizmakh. Moskva, Izd-vo Akad. nauk SSSR, 1962, 231 p.

BIPHENYL

Aromatic hydrocarbons. Part 23. Biphenyls. V. R. Skvarchenko and others. Zhur. ob. khim 32 no. 1 217-222 Ja '62.

BIQUARD, PIERRE, 1901-

Sixtieth anniversary of Pierre Biquard. Ivan Malek. Mir nauki 5 no. 4 20-21 '61.

BIRCH see subdivision under Virgin Territory

BIRDHOUSES

Mobile birdhouse for starlings and its use in the work of young naturalists. IA. F. Vinnichenko Biol. v shkole no. 2:68-70 Mr-Ap '62.

BIRDS see subdivision under Selenga Valley

BIRDS—BEHAVIOR
(see also subdivision under Noko Nor, China)

Birds are orienting themselves by the sun. Vokrug sveta no. 4,40 Ap '61

BIRDS—FOOD

Studying the feeding of gallinaceous birds in Buryatia. G. K. Borovitskaia. Kraeved. sbor. no 6,99-101 '61.

BIRDS—PHYSIOLOGY

Data on the electrophysiological characteristics of the vestibular analyser in birds. I. V. Orlov. Fiziol. zhur 48 no. 1:24-30 Ja '62.

Resistance of bird gonads to low temperature. B G. Novikov, M. A. Liubarskaia Dokl AN SSSR 142 no 4 961-964 F '62

BIRDS, PROTECTION OF see subdivision under Moldavia

BIRSK REGION—GEOLOGY, STRATIGRAPHIC

The depression-type section of the upper Devonian carbonate stratum of the Birsk saddle. V. N. Kiestovnikov and others. Dokl. AN SSSR 142 no. 6 1365-1368 F '62

BIRTH INJURIES

Birth injury to the fetal spine, survey of the literature [with summary in English] A. F. Guzov Arkh. pat. no. 2:12-19 '62

BISK—BOILER-MAKING INDUSTRY

Some new products of the Bisk boiler plant. V G Kobzev Energomashinostroenie 8 no. 2 28, 33 F '62.

BISMUTH

Electrolytic removal of bismuth from lead IU. K. Delimarskiĭ, I. G. Pavlenko, O. G. Zarubitskiĭ. Zhur. prikl khim. 35 no. 2:322-327 F '62.

Formation of dislocations in bismuth crystals split along the joint plane. V. M Kosevich. Kristallografiia 7 no 1 97-102 Ja-F '62.

Manganothermal method of producing manganese-bismuth intermetallic compounds E. M Natanson, V. V. Bushin, A F Shevtsova Dokl AN SSSR 143 no. 1 126-129 Mr '62

Width of the cyclotron resonance line in semimetals and determination of the correlation function for bismuth. M. IA. Azbel', G. A. Begiashvili. Zhur. eksp i teor. fiz 42 no. 2:640-641 F '62.

Yields of the products of the spallation reaction Bi^{209} (p, Xn, Yp). A. V. Kaliamin, A. N. Murin, B K Preobrazhenskiĭ. Izv. AN SSSR Ser fiz. 26 no. 2 245-247 F '62.

BISMUTH—ELECTROMETALLURGY

Electrolytic production and refinement of bismuth in melts. IU K. Delimarskiĭ and others. Zhur prikl khim. 35 no. 2,317-321 F '62.

Electrolytic refinement of bismuthic lead in the nitric acid electrolyte. V. I. Solov'eva, O A Khan. Zhur. prikl. khim. 35 no. 2:310-317 F '62.

BISMUTH—ISOTOPES

Measuring the energy of α-particles in the long-lived Th^{232} and Bi^{210} isotopes. G. A. Korolev, G. E. Kocharov. Izv. AN SSSR Ser. fiz. 26 no. 2:235-236 F '62.

BISMUTH-LEAD ALLOYS see Lead-bismuth alloys

BISMUTH-MANGANESE ALLOYS see Manganese-bismuth alloys

BISMUTH ORES see subdivision under Ingulets region

BISMUTH SELENIDE—ELECTRIC PROPERTIES

Thermoelectric properties of Bi_2Te_3 - Bi_2Se_3 in the temperature range 77-630°K. E. K. Iordanishvili, B M Trakhtbrot. Fiz. tver. tela 4 no. 1:122-131 Ja '62.

BISMUTH TELLURIDE

Mechanism of scattering on impurity ions in Bi_2Te_3. B. A. Efimova, L. V Kol'man, L. S. Stil'bans. Fiz. tver. tela 4 no. 1:152-156 Ja '62

BISMUTH TELLURIDE—ELECTRIC PROPERTIES

Thermoelectric properties of Bi_2Te_3 - Bi_2Se_3 in the temperature range 77-630°K. E. K. Iordanishvili, B. M. Trakhtbrot. Fiz tver tela 4 no. 1:122-131 Ja '62.

BISMUTH TELLURIDE—MAGNETIC PROPERTIES

Anisotropy of the galvanomagnetic properties of n-Bi_2Te_3. B. A. Efimova, V. I. Novikov, A. G. Ostroumov. Fiz. tver. tela 4 no. 1:302-304 Ja '62.

BISMUTH TELLURIDE CRYSTALS

Diffusion and solubility of silver in bismuth telluride. B. I. Boltaks, N. A. Fedorovich. Fiz. tver. tela 4 no. 2: 550-552 F '62.

BISMUTH-TELLURIUM ALLOYS

Thermoelectromotive force in bismuth and bismuth-tellurium alloys. D. V. Gitsu, G. A. Ivanov, A. M. Popov Fiz. tver. tela 4 no. 1:22-28 Ja '62

BITUMEN—GEOLOGY
(see also subdivision under Sakhalin)

Composition of bitumens migrating from the organic matter of mother rocks and their accumulation in traps. S G. Neruchev. Dokl AN SSSR 143 no. 1:191-193 Mr '62

BLACK BODY

Results of the realization of a black-body model at different temperatures [with summary in English]. G. F. Sitnik. Astron. zhur. 39 no. 1:116-122 Ja-F '62.

BLACK EARTH see Chernozem soils

BLACK FLIES see subdivision under Azerbaijan

BLACK SEA—COASTS

Patterns of bottom sediment distribution on the shelf of the Soviet shore of the Black Sea. M. G. Barkovskaia. Trudy Inst. okean. 53:123-148 '61.

Patterns of the distribution of terrigenous material in the zone adjoining the water edge at the Soviet coast of the Black Sea. M. G. Barkovskaia. Trudy Inst. okean. 53:64-94 '61.

CK SEA—EVAPORATION
aporation from the surface of the Black Sea. A S. Prusenkov Okeanologiia 2 no 1 51-59 '62

CK SEA—FOG
equency of fogs over the Black Sea. V M. Zemliakov. rudy UkrNIGMI no 29 31-37 '61

CK SEA—OCEAN CURRENTS
rizontal deep-sea circulation in the Black Sea. D M Ilippov Trudy Inst. okean. 53 112-122 '61

CK SEA—OCEANOGRAPHIC RESEARCH
ack Sea expeditions of 1960-61 on the seiner "Miklukha-Maklai" organized by the Odessa Biological Station of ke Institute of Hydrobiology of the Academy of Sciences f the Ukrainian S S. R. K. O Vynohradov Dop. AN URSR no. 2:267-270 '62.

CK SEA—RESCUE WORK
the signal of the red rocket. S. Frolov. Voen. znan. 8 no. 1 32 Ja '62.

CK SEA—SAND BARS
liment lamination and graded bedding in the zone of rine underwater bars. L I Shurko. Trudy Inst. okean 3:58-63 '61.
ne intermediate relief forms in the zone of underwater ars. E. N Egorov Trudy Inst okean 53.52-57 '61

CK SEA—SEDIMENTATION AND DEPOSITION
terns of bottom sediment distribution on the shelf of e Soviet shore of the Black Sea. M G Barkovskaia. rudy Inst. okean. 53 123-146 '61

CK SEA—SHORE PROTECTION
ne problems in the protection of the shingly shores of ie Caucasian coast of the Black Sea A. I Freikman keanologiia 2 no 1 153-159 '62

CK SEA—SUBMARINE GEOLOGY
a submarine canyon. V Bogdanov, P. Kaplin. Vokrug veta no. 1 48-49 Ja '62.

CK SEA—TEMPERATURE
gnt-minded "oceanology", concerning N N Synocv's rticle "Heat flow from the bottom of the Black Sea " . V. Shuleikin Izv AN SSSR Ser geofiz no. 2 279-280 '62.

CK SEA—VOLCANOES
essence of volcanoes on the bottom of the Black Sea P Goncharov Okeanologiia 2 no 1 106-108 '62

CK SEA—ZOOPLANKTON
od of some invertebrates in the hyponeuston of the Black Sea [with summary in English]. L. M. Zelezinaka lop AN URSR no. 2:240-248 '62.

CK SEA LOWLAND—MICROPALEONTOLOGY
eiofauna of the Middle Sarmatian in the Black Sea owland of the U. S. S. R. V. IA. Didkovs'kyi Geol hur. 22 no. 1:51-58 '62.

CK SEA PRESERVE—CICADA
new cicada species of the genus Stenometopiellus Hpt. Homoptera, Auchenorrhyncha) from the southern Ukraine with summary in English] V. M Lohvynenko Dop AN RSR no 1 119-121 '62.

CK SEA REGION—ARCHAEOLOGY
ivatskii, V. D. [Antique archaeology of the northern rt of the Black Sea Region] Antichnaia arkheologiia evernogo Prichernomor'ia. Moskva, Izd-vo Akad. uuk SSSR, 1961. 228 p.

CK SEA REGION—LAMELLIBRANCHIATA, FOSSIL
rizon with the occurrence of Lentidium sokolovi arlov, sp. nova in the Black Sea trough [with summary n English]. N. N. Karlov. Biul MOIP Otd. geol 37 o. 1:101-110 Ja-F '62.

CK SEA REGION—PRECIPITATION (METEOROLOGY)
emical composition of atmospheric precipitation on the aucasian coast of the Black Sea. V. P. Zvarev. Dokl. N SSSR 142 no. 5:1158-1161 F '62
'ect of the wind regime on the salt composition of tmospheric precipitation on the northeastern shore of ie Black Sea V. A. Egorova. Trudy Inst. okean. 53 5-111 '61.

CKBERRIES
taining seedlings with normal fertility from the first eneration of raspberry × blackberry crosses. A. IA. uz'min. Agrobiologiia no. 6:870-876 N-D '61.

CKBODY RADIATION
w pyrometric method based on the ratio of two fluxes f total radiation, and the "spectral weight" temperature f a black body and of metals. D. IA. Svet. Dokl. AN SSR 142 no. 2:334-336 Ja '62.

DDER—CALCULUS see Calculi, Urinary

DDER—DISPLACEMENT
atrophy of the urinary bladder. M. S. Raevskii. Nov. khir. arkh. no. 1:86-88 Ja-F '60.

DDER—HERNIA
angulation of a femoral hernia of the bladder. P. S. Riumin Zdrav. Bel. 7 no. 6:59-60 Je '61.

BLADDER—RUPTURE
Extraperitoneal rupture of the urinary bladder in transvesical adenomectomy M A. Gonchar. Nov khir. arkh. no 1:120-121 Ja-F '60.

BLADDER—SURGERY
Diagnosis and surgical treatment of bladder calculi [in Azerbaijani with summary in Russian]. R. A. Shakhbazov Azerb. med. zhur. no. 8:39-48 Ag '61
Our experience in cystotomy with extra peritonization of the urinary bladder. D. S. Karimov. Med. zhur Uzb. no 11.61 N '61.

BLADDER—TUMORS
Comparative evaluation of mono- and bi-active electrocoagulation of tumors of the urinary bladder. M. T Taukenov Zdrav Kazakh. 21 no. 10:16-20 '61.
Sarcoma of the urinary bladder. V L. Drobner Vop. onk 8 no 2 79-80 '62
X-ray determination of the depth of penetration of an epithelial tumor of the urinary bladder. L N. Pogozheva Vest rent i rad 36 no 6 61-65 N-D '61.

BLADES
Determination of the theoretical discharge through a nozzle row of blades IU. I. Mitiushin. Trudy LKI no 31: 87-94 '60
Effect of shallows on the lifting force of the blade near the free surface of the fluid [with summary in English] A. M. Panchenkov. Dop AN URSR no 2,169-173 '62

BLADES—TESTING
Taking into account the changes of the damping properties of blades occurring in the process of interaction between blades and rotor of turbomachines. K. A. Prokof'ev Energomashinostroenie 8 no. 3 23-26 Mr '62
Using the optical polarization method in investigating the stressed state of blades of a bucket-wheel hydraulic turbine S V Smirnova, V.V TSeitlis, S.P Shikhobalov Issl po uprug i plast no. 1:139-146 '61.

BLAST FURNACES
Chemical equilibrium of pig iron and blast furnace slag under the effect of a variable gaseous phase pressure. V. M. Shchedrin. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 1:23-35 Ja-F '62.
Effect of the length of coking on coke quality and the performance of blast furnaces. A. I Volochin and others. Koks i khim. no. 12 26-32 '61.
Obtaining clean surface pig ingots from pouring machines. V. F. Pashinskii. Metallurg 7 no. 3:10 Mr '62.
Queen of ferrous metallurgy. M. Krasavtsev. Nauka i zhytiia 11 no. 12:15-16 D '61
[Scientific investigations as an aid to blast-furnace practices] Nauchnye issledovaniia v pomoshch' domennomu proizvodstvu. [Dnepropetrovsk] Dnepropetrovskoe knizhnoe izd-vo, 1960. 285 p. [MICROFILM]
Study of blast furnace linings. V. L. Russo. Izv. vys. ucheb zav. ,energ. 5 no 1:93-98 Ja '62.

BLAST FURNACES—DESIGN AND CONSTRUCTION
Design and durability of blast furnace hearths and hearth bottoms E. V. Kochinev. Metallurg 7 no 3 4-8 Mr '62.
Privalov, N. N., and V. A. Krylov. [Assembly of the mechanical equipment of blast-furnace plants] Montazh mekhanicheskogo oborudovaniia domennykh tsekhov. Izd. 2, perer. i dop. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 333 p

BLAST FURNACES—EQUIPMENT AND SUPPLIES
Assembly of blast heaters from rolled blanks. V. S. Kornienko, K. S. Fetisov Mont. i spets. rab. v stroi. 23 no. 12:2-4 D '61
Automatic welding of air tuyeres in blast furnaces. N. A Mal'tsev Mashinostroenie no 1.62-66 Ja-F '62.
Electric protection from overfilling the hopper with charge materials. Metallurg 7 no. 3 10-11 Mr '62.
Shchirenko, N. S. [Mechanical equipment of blast-furnace plants] Mekhanicheskoe oborudovanie domennykh tsekhov. - Pod red. - V. P. Dobrova. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1962. 524 p.

BLAST FURNACES—EQUIPMENT AND SUPPLIES—TESTING
Testing air heaters of blast furnaces. P. D. Ermakov. Bezop. truda v prom. 6 no. 2:28-29 F '62.

BLAST FURNACES—MAINTENANCE AND REPAIR
Method of repairing the inside of blast furnace tuyeres Metallurg 7 no. 3 12 Mr '62.
Occurrence of air leakage in the charging system of a blast furnace. G. G. Grigor'ev, B D. Labutin. Stal' 22 no 2 111-112 F '62.
Organizing current blast furnace repairs without firing the gas in blast furnace tops. Metallurg 7 no. 3:11 Mr '62.

BLAST FURNACES—SAFETY MEASURES
Improving safe working conditions in blast-furnace plants. M. M. Gaselev, N. K Leonidov, V. S. Teper. Bez. truda v prom. 6 no. 1:15-16 Ja '62.

BLASTING
(see also subdivision under Armenia, Bazhenovo region, Sverdlovsk Province, Komsomol'skoye region, Donets Province, Krivoy Rog Basin; Noril'sk region; Olenegorsk region, Pervoural'sk region; Yelenovka region, Donetsk Province; Yestyuninskoye region, Zyryanovsk region)
Analytical determination of the relationship of the blasting parameters in forming a crosscut in a multirow short-delay blasting layout. G M. Kitaich, A P. Tkachenko, V P Zhovanik. Vzryv delo no 47/4 223-230 '61
Area of use of types of technology in working thick deposits of Dzezkazgan I Z. Lysenko Izv AN Kazakh SSR. Ser. gor. dela no. 2:16-21 '61.
Basic principles for planning blasting operations using the method of borehole charges. A S Azarkovich, S A Davydov. Vzryv delo no. 47/4 274-285 '61.
Calculating blasting charges in accordance with the distance separating them N. M. Pakhomov. Khim prom no. 2 114-120 F '62.
Comparative evaluation of rock breaking by detonations of charges in vertical and inclined holes S. S Panchev and others. Vzryv delo no 47/4 52-63 '61
Conditions for a maximum utilization of the explosion energy of blast hole explosive charges. I B. Karasik. Ugol' 37 no. 1:28-32 Ja '62.
Conference on boring and blasting operations. B D. Rossi. Gor. zhur. no 11-76-77 N '61.
Controlling piece size in breaking fractured rocks by means of borehole charges. L. I. Baron, G. P. Licheli Vzryv. delo no 47/4 178-184 '61.
Direction of fractures formed in breaking hard rocks by blasting V. K. Filippov Vzryv delo no 47/4 172-177 '61
Draw blasting in soils. I G Spiridonov. Vzryv delo no 47/4 140-156 '61.
Effect of blasting on rod bolting. P Z. Petukhov and others. Gor zhur no 12 27-30 D '61
Effect of blasting on the stability of pit edges. P. S Mironov. Vzryv delo no 47/4.239-256 '61.
Effect of boring and blasting operations on the stability of the edges of strip mines M. E. Pevzner, V F. Kirienko, D N. Kim. Gor. zhur no 12:12-16 D '61.
Effect of fogging on the settling of fine dust after blasting in driftlike workings. G. A. Radchenko Izv. AN Kazakh. SSR. Ser. gor. dela no. 1:101-104 '61.
Effect of the diameter and length of a charge on rock breaking V A Toporkov. Vzryv. delo no. 47/4.205-217 '61.
Effect of the shape of the charge on rock breaking and the extent of working of the base of a bench L N Marchenko, V. S. Kudriashov Vzryv delo no. 47/4 89-93 '61.
Efficiency of using slab charges. G. I Tolkushev, G. S. Shcherbak, A. A. Ansabaev. Izv. AN Kazakh SSR Ser gor. dela no. 2:57-64 '61
Experimental studies of the mechanism of forming an explosion funnel in soil. L. N. Marchenko. Vzryv. delo no. 47/4 156-172 '61
Hazards caused by stray currents in connection with blasting operations. M. N. Kosachev. Ugol' Ukr. 6 no. 1:46-47 Ja '62
Improve methods and equipment for boring and blasting operations. M. Z. Burov. Bezop. truda v prom. 6 no. 2:8-9 F '62.
Improving the breaking method in the Gora Blagodat' Mine. B. A. Gornovol and others. Gor. zhur no. 11 73-74 N '61.
Increasing the productivity of an excavator in short-delay blasting. D. M. Kushnarev, V. V. Bartinovskii. Vzryv. delo no. 47/4.93-99 '61.
Interchamber and level pillar caving with a powerful blast V G. Alesenko and others. Gor. zhur. no. 7:39-41 Jl '61.
Leninogorsk complex ore combine. I. M. Malkin. Gor. zhur. no 10:8-13 O '61.
"Manual on blasting operations." Reviewed by V. K. Tarasenko. Ugol' Ukr. 6 no 2:44-45 F '62.
Mechanism of breaking rocks in short-delay blasting. M. F. Drukovanyi. Vzryv. delo no. 47/4.184-196 '61.
Mines of the Murmansk Economic Region. V. A. Shlykov. Gor. zhur no. 10:7-8 O '61.
Optimum parameters of boring and blasting operations and their effect on rock breaking by blasting. M. G Novozhilov and others. Vzryv delo no. 47/4:197-204 '61
Orlov, V. V., and others. [Handbook of examples and problems on mining engineering] Shornik primerov i zadach po provedeniiu gornykh vyrabotok. Khar'kov, Izd-vo Khar'kovskogo gos. univ., im. A. M. Gor'kogo, 1961. 352 p.
Practice of excavating by blasting A N Dashkov Vzryv. delo no. 47/4.118-120 '61.
Relationship between charges and the formation of a funnel in instantaneous firing. F. A. Belaenko, IU. V. Gaek, M. F. Drukovanyi. Vzryv. delo no. 47/4:230-239 '61.
Relationship between the amplitude of seismic oscillations and the size of the charge used. A. A. Ivanov. Zap. LGI 39 no. 2:20-24 '61.
Safe checking and measuring devices and powerful blasting machines for blasting specialists. IA. Kh. Esterov. Bez. truda v prom. 6 no 1:6-8 Ja '62.

BLASTING (Continued)

Unified method for calculating charges A. I Morin Vzryv delo no. 47/4 285-307 '61

Upraise mining by means of sectional blasting of deep holes in mines of the Kursk Magnetic Anomaly. A L Churakov Gor. zhur no 12 30-33 D '61

Ways of increasing the efficiency of boring and blasting in the Karakubskiy pits. M. G Novozhilov and others. Gos. zhur. no 7:36-38 Jl '61

BLASTING—EQUIPMENT AND SUPPLIES

The IPZ pneumatic charger. V. N. Kobozev, Iu. Z. Polud nenko, I. E. Riabov. Gor. zhur no 7:61-65 Jl '61

BLASTING—SAFETY MEASURES

In the State Mine Inspection of the R.S.F.S.R. Bez truda v prom. 6 no. 1:39 Ja '62.

BLEACHING

Continuous bleaching of cotton fabrics in open width on the AO-110 production line. V. A. Il'inshevich and others. Tekst prom 21 no 12:37-43 D '61.

Continuous method of bleaching cotton fabrics. N. E. Fedorova, P. V. Moryganov. Tekst prom. 21 no 6: 50-54 Je '61.

BLEEDING see Hemorrhage

BLIND—EDUCATION

Knowing the world by the sense of touch. M. Iskrin. Nar. obr. no. 2:121-122 F '62

BLINDNESS

Comparative morphological data on the adaptability of skin receptors to pressure in normal and blind subjects [with summary in English]. A. A. Otelin. Arkh. anat. gist. i embr. 41 no. 7:72-84 Jl '61.

Prolonged loss of vision and hearing in a child following tracheal obstruction by a foreign body I. T. Batiunin. Vest. otorin. no. 4:95-97 '61.

BLOK, ALEKSANDR ALEKSANDROVICH, 1880-1921

Prose of Aleksandr Blok [with summary in English]. D. E. Maksimov. Vest. LGU 17 no 2:97-106 '62.

BLOOD

Change in the blood formula in patients who have undergone surgical intervention on the organs of the chest cavity in combination with cortisone and hydrocortisone therapy [with summary in English] V. A. Kovanov, Iu. S. Ezhov. Grud. khir. 4 no 1:98-105 Ja-F '62.

Characteristics of nocturnal hemodynamics in hypertension. L. V. Zakharov Terap. arkh. no. 9:20-25 '61.

Gas exchange, hemodynamics, and respiratory function of the blood in acute diffuse peritonitis. N. K. Doronina. Voen.-med zhur. no. 8:37-42 Ag '61.

Influence of plegicil on some biochemical and morphological indices of the blood in dogs. Preliminary report [with summary in French]. L. I. Lando. Zhur. nevr. i psikh. 61 no. 6 902-908 '61.

Some data on the process of blood evaporation. V. Gorbatov. Mias. ind. SSSR 32 no 6:56-57 '61.

BLOOD—AGGLUTINATION

Hemagglutination reaction with Brown-Pearce tumor antigens [with summary in English]. R. M. Radzikhovskaia, A. M. Gardashkian. Vop onk. 7 no. 7:21-24 '61.

Reaction of indirect hemagglutination with preserved erythrocytes, preliminary report. V. A. Sinitsyn, IA. S. Shvartsman. Lab. delo 8 no. 2 30-35 F '62.

Reactions of indirect hemagglutination. IA. S. Shvartsman, V. A. Sinitsyn. Zhur. mikrobiol., epid. i immun. 32 no. 9:97-102 S '61

BLOOD—ANALYSIS AND CHEMISTRY

Cholinergic properties of the saliva and blood in acute experimental ulcer of the stomach and chronic peptic ulcer in man. Kh. S. *Khamitov, F. S. Khamitov.* Kaz. med zhur. no 6,21-24 N-D '61.

Effect of growth, development, body type, and productivity on blood indices in black-and-white swine. A. I. Novik. Trudy BSKHA 34:109-129 '61.

Effect of pyramidon on the composition of peripheral blood in rheumatic fever in children. F. Bogomolova. Zdrav. Kazakh 21 no. 6:51-52 '61

Hematological changes in pneumonia following application of antitoxic liquid in children. T. K. Kadyrova. Med zhur Uzb. no. 9:39-41 S '61

Method for determining bilirubin in the blood serum. I. M. Markelov, S. I. Dolgushev. Lab. delo 8 no 2.19-21 F '62.

Our method for sampling menstrual blood. O. V. Osadchaia. Zdrav. Bel. 7 no. 6:51 Je '61.

Spectrographic method of determining magnesium in the blood. *M. V. Nitontova.* Lab. delo 8 no. 2:27-30 F '62.

BLOOD—CIRCULATION

Action of polyglucin on the heart and the *hemodynamics* during plethoric transfusion and during acute hemorrhage [with summary in English]. I. B. Gurevich, V. B. Koziner. Arkh. pat no. 2:42-49 '62.

Characteristics of the blood circulation in autotransplanted extremities in dogs. E. V. Gurova, A. M. Mamish, N. F. Shin. Fiziol. zhur. 48 no. 2:201-208 F '62.

"Creation of supplementary collateral blood circulation in experiments and in the clinic" by B. P. Khillov. Reviewed by B. M. Sokolov. Arkh anat gist. embr 40 no. 6:112-113 Je '61.

Review of I. A. Arshavskii's book, "The physiology of blood circulation in utero" G. I. Kositskii. Fiziol zhur 48 no. 1 104-106 Ja '62

"Science of internal diseases, Vol. 1. The organs of blood circulation" [in Polish] by Witold Orlowski. Reviewed by Iu. I. Rafes. Kaz. med. zhur. no. 6:81-83 N-D '61.

Study of minute and systolic volume of the heart during bar weight-lifting. A. N. Vorob'ev. Teor i prak. fiz. kul't. 24 no 12:921-923 '61.

BLOOD—CIRCULATION, DISORDERS OF

Combined disorders of the cerebral and coronary circulations. V. D. Troshin. Terap arkh no. 7:35-39 '61.

Comparative evaluation of mercusal and novurit in circulatory insufficiency M. F. Chatskis Med zhur. Uzb no 3 41-45 Mr '60.

Corglycon treatment of circulatory insufficiency [in Azerbaijani with summary in Russian] G. V Oganezov. Azerb. med. zhur no. 11 40-44 N '61.

Disorders of the blood circulation in toxic pneumosclerosis [with summary in English] S. I. Ashbel', R. G. Khil', A. M Zakharova. Gig truda i prof zab. no 2,26-32 '62

Evaluation of the condition of the blood circulation in lung diseases. G. N. Akzhigitov. Khirurgiia no. 2 18-25 '62.

Method for temporary and repeated impairment of the coronary circulation in chronic experiments. I. A. Manuilov Fiziol. zhur. 48 no. 2:218-222 F '62

Serum proteins and protein fractions in rheumatic fever with circulatory insufficiency. IA. F. Buglova. Zdrav. Bel 7 no. 8,14-17 Ag '61.

Vascular tissue permeability and changes in the peripheral blood in injured persons. A. Kh. Ismailov. Zdrav. Turk. 5 no. 6:19-22 N-D '61.

BLOOD—COAGULATION

Blood coagulation change under the influence of homologous tissues (pieces of the fetal cranial vault) V. I. Fishkin, M. N. Shikhaleeva Khirurgiia no 2 8-12 '62

Blood coagulogram in some surgical interventions [with *summary in English*]. *V G. Morozov* Khirurgiia no. 2 25-28 '62.

Change in blood coagulation factors in Botkin's disease. IU. S. Sapun. Zdrav. Bel. 7 no 8:21-26 Ag '61

Changes in some components of blood coagulation in patients who have suffered massive hemorrhage or the terminal state. E. P. Stepanian, E. M. Smirenskaia. Grud. khir. 4 no 1:41-48 Ja-F '62.

Changes in the coagulating system of the blood during hepatitis. N. D. Kiknavelidze Soob. AN Gruz. SSR 27 no. 6:775-778 D '61.

Degree of bleeding during tonsillectomy and its comparison with the most widely spread indices of a coagulogram [with summary in English]. V. G. Ermolaev. Vest. otorin no. 2 42-46 '62

Diagnostic value of the reaction of thermocoagulation in the blood serum in pulmonary cancer. V. G. Lositskii. Voen.-med. zhur. no. 9:84 Ag '61.

Effect of novocaine on blood coagulation in aged persons. R. E Ermishina Med zhur. Uzb. no. 3 19-20 Mr '60

Laboratory differentiation of hemophilia and the functional state of the coagulation system of the blood in *hemophiliacs. N A Messinova,* E V. Karaseva. Lab. delo 8 no. 2:7-13 F '62.

Role of the spleen in changes of the coagulability of the blood circulating through it. M. A. Karaev. Azerb. med. zhur. no. 8:22-25 Ag '61.

Some blood coagulation factors in mitral *defects of the* heart of rheumatic etiology [with summary in English]. S. A. Kolesnikov, E. P. Stepanian. Vest. khir. no. 2:3-6 '62.

State of the coagulation system and fibrinolytic activity *of the blood* in splenomegaly of varied etiology [with summary in English]. F. A. Efendiev, A. M. Akhundova, M. M. Abdullaev. Khirurgiia no. 2:3-8 '62.

Volume of the third fraction of blood coagulation and *erythrocite sedimentation* reaction in various internal diseases. F. Alizade, K. A. Sadykhov. Azerb. med. zhur. no. 8:25-29 Ag '61.

BLOOD—COLLECTION AND PRESERVATION

Two-stage method for the collection and transfusion of preserved blood in a rural district *hospital.* I. Kh. Mavzlutov. Kaz. med. zhur. no. 4:81-82 Jl-Ag '61.

BLOOD—DIALYSIS see Artificial kidney

BLOOD—DISEASES

Acute erythromyelosis N. IA. Ormeli. Med. zhur. Uzb. no. 12:66-68 D '61.

Hemopathies and collagenoses [with summary in English]. M. S. Dul'tsin. Sov. med. 25 no. 12:3-14 D '61.

BLOOD—EXAMINATION

Amount of prothrombin in the blood and the effect of vitamin K on its level in heliotropic toxicosis. A. M. Gorshkova. Med zhur. Uzb. no. 3.15-18 Mr '60.

Comparative influence of various preparations on indexes of immunobiological changes and connective tissue conditions in rheumatic fever patients [with summary in English]. A. F. Leshchinskii, E. S. Pavlova. Terap. arkh. no. 12:35-42 '61.

Decreasing the blood's adherence to injection needles. E P Danil'chenko, M. I Gumilevskaia Lab. delo 8 no 2 55 F '62

Significance of biochemical indexes of the blood in the elaboration of methods for treating reactive states. E. B. Miakina. Probl. sud. psikh. 9:235-243 '61

Some indexes of the fermentative activity of the blood in patients with reactive psychoses N. I Pogibko. Probl. sud. psikh 9:258-268 '61

BLOOD—OXYGEN CONTENT

Characteristics of hemodynamic changes and blood oxygenation in right and left resection of the lung in tuberculosis S. T. Urashev. Zdrav Kazakh. 21 no. 10:11-16 '61.

Oxygen saturation of the arterial blood in surgery of malignant tumors of the upper respiratory tract using a lytic cocktail in association with local anesthesia [with summary in English] E. N. Medvedevskii. Vest. otorin no. 4,27-31 '61

Oxygen saturation of the blood in technology of Fallot during surgery for suturing an intra-auricular anastomosis in hypothermia [with summary in English]. R. S. Vinitskaia, T. M. Darbinian. Grud khir. no. 5:42-48 '61.

Practical value of functional load tests in oxyhemometry in rheumatic carditis. Report No. 3 [with summary in English] D. A. Valimukhametova. Terap. arkh. no. 9: 50-55 '61.

BLOOD—SEDIMENTATION

Final normal erythrocyte sedimentation in normal persons. R. P. Pulatov Med. zhur. Uzb. no. 3 22-23 Mr '60.

Volume of the third fraction of blood coagulation and erythrocite sedimentation reaction in various internal diseases. F. Alizade, K. A. Sadykhov. Azerb. med zhur. no. 8:25-29 Ag '61.

BLOOD—SERUM see Serum

BLOOD—TRANSFUSION

Blood transfusion in osteoarticular tuberculosis in children. N. N. Shchitova. Med zhur. Uzb no. 12:76 D '61.

Case of posttransfusion complications caused by Rh-incompatible blood and its effective treatment with cortisone. V. M. Zaitsev, B. G. Sadykov. Kaz. med. zhur. no. 4:80-81 Jl-Ag '61.

Erythrocyte mass transfusion in osteoarticular tuberculosis. Kh. Sh. Arslanova Nov. khir arkh. no. 3 77-80 My-Je '60

Morphology of the liver from data of intravital puncture during the treatment of Botkin's disease with blood transfusions. F. V. Arsent'ev. Kaz. med. zhur. no. 6: 20-21 N-D '61.

Phagocytosis reaction in the treatment of pyorrhea alveolaris by autohemotherapy. O. G. Batsenko Probl. stom. 5:114-121 '60.

Some metabolic processes in chronic diseases of the liver and significance of blood plasma transfusions in compound treatment of these diseases. G. S Levin Med. zhur. Uzb. no. 3:23-28 Mr '60.

Studies on gas metabolism and the respiratory function of the blood in experimental acute diffuse purulent peritonitis. Transfusions of whole blood and its *components.* N. K. Doronina. Nov. khir. arkh. no. 1:85-89 Jl-Ag '60.

Treatment of endarteritis obliterans by subcutaneous administration of novocaine and blood transfusions. I. I. Khozhainov, I. I. Bulynin, M. D. Lapin. Nov. khir. arkh. *no. 4:78-81 Jl-Ag '60*

Two-stage method for the collection and transfusion of preserved blood in a rural district hospital. I. Kh. Mavzlutov. Kaz. med. zhur. no. 4:81-82 Jl-Ag '61.

BLOOD, GASES IN

Gases in the blood in mitral comminaurotomy during the period of open pneumothorax [with summary in English]. IU. IA. Agapov. Grud. khir. 4 no. 1:29-33 Ja-F '62

Studies on gas metabolism and the respiratory function of the blood in experimental acute diffuse purulent peritonitis. Transfusions of whole blood and *its components.* N. K. Doronina. Nov. khir. arkh. no. 4:85-89 Jl-Ag '60.

BLOOD CELLS

Peripheral blood of patients with furuncles and furunculosis. A. K. Igumov. Vest. derm. i ven. no. 2:46-51 '62.

BLOOD GROUPS see subdivision under Paints

BLOOD PLASMA

Antiproteolytic factor of the blood plasma of animals and its changes due to radiation injury. R. O. Mkrtchian, B. N. Tarusov. Dokl. AN SSSR 142 no. 2:462-464 Ja '62.

Normal amount of alkaline phosphatase in the blood plasma in children. E. V. Pashkovskii, V. S. Sivat ichev skii. Med. zhur. Uzb. no. 2:35-39 F *'60.*

Use of blood transfusion bottles as containers for plasma drying. L. V. Ivanov. Zdrav. Bel. 7 no. 8:58-60 Ag '61.

Vital activity of leucocytes in preserved blood. S. I. Liuboshits. Med. zhur. Uzb. *no. 3:8-10* Mr '60.

Biochemical principles for parenteral feeding A Smidts, J, Kremere. Izv AN Latv SSR no 12 61-68 '61

Synthesis of blood substitute polymers exhibiting the properties of inhibitors-antioxidants S N Ushakov and others Dokl AN SSSR 143 no 1 231-234 Mr '62

Use of TSOLIPK protein hydrolysate in surgical diseases, S Z, Meklei and others Zdrav, Bel 7 no 8 57-58 Ag '61

BLOOD PLATELETS

Quick method for the staining of blood platelets. R A Alimov. Med zhur Uzb, no 3 20 Mr '60

BLOOD PRESSURE

Change in venous pressure following removal of tumors of the brain and its membranes M, Makhsumov. Med zhur Uzb, no 11-6-9 N '61

Changes in some unconditioned vascular reflexes during the action of X rays [with summary in English] K Sh Nadareishvili. Trudy Inst fiziol AN Gruz SSR 12,199-218 '61.

Changes of venous pressure in aneurysm of the heart and its experimental resection [with summary in German] E. Ezeriete. Izv AN Latv SSR no, 12 75-80 '61

Diurnal dynamics and asymmetry of arterial pressure in cerebrovascular lesions and hypertension. Z.IA. Eletskaia Med. zhur. Uzb. no.2 51-56 F '60.

Effect of partial extirpation of the large salivary glands on pulse wave velocity and blood pressure level in dogs [with summary in English]. A. Valineris. Izv AN Latv SSR no. 1 117-121 '62

Measurement of the pressure in the left cavities of the heart and pulmonary artery during surgery for mitral stenosis. S, A, Kolesnikov, V, M Zhudovskaia, IU, S. Petrosian Grud, khir. no 5:25-31 '61

New method of registering the blood pressure in the ventricle of the heart of dogs. N, P, Sinitsyn Grud, khir no 5:119 '61.

Optical registration of the blood pressure in animals during a chronic experiment Z, R, IUnusov, R, M Kalieva. Med zhur, Uzb, no, 6:17-22 Je '60

Pickup for measuring the oscillatory state of pressure in the temporal artery, A, M, Mamedov. Dokl AN Azerb.SSR 17 no, 11:1093-1095 '61.

BLOOD PROTEINS

Amount of protein and protein fractions in the blood serum in otogenic encephalitis and abscesses of the brain. K, D, Mirzaiev, G, A, Feigin Med zhur Uzb, no 9:33-35 S '61

Blood lipoproteins and protein fractions in hypertension. N, S, Fichel'. Zdrav. Bel. 7 no. 6:20-22 Je '61

Blood protein displacements in patients before and after mitral commissurotomy; electrophoretic study [with summary in English]. B, S, Dobrlakov Grud, khir 1 no. 1:33-11 Ja-F '62

Change in the blood serum proteins in inflammatory diseases of the female genitalia. I A. Brusilovskii. V.N. Kirsanova. Kaz med. zhur. no 6:30-30 N-D '61.

Change in the correlation of protein fractions in the blood serum of immunized animals under the influence of antibiotics [with summary in English]. N, V, Chumachenko, E, M, Sokolova. Antibiotiki 7 no. 1:41-43 Ja '62.

Change in the protein fractions of the blood serum in rheumatism. [with summary in English] IU, A, Goriaev, Terap arkh, no 7:58-62 '61.

Changes in the protein composition of the blood serum and in the antitoxic function of the liver in stomach cancer and following surgery T, A, Kadoshchuk, Nov khir, arkh. no, 2:35-39 '62.

Changes in the protein content of blood plasma in goiter during compound surgical treatment. D A. Makar. Nov. khir. arkh. no. 1:51-55 Ja-F '60

Changes in the protein fractions of the blood serum under the influence of temperature drops and their hygienic significance [with summary in English]. I. A. Dobrovol'skii Gig.truda i prof. zab. no. 2.19-26 '62.

Chemical nature of the antigen function and immunological specificity of proteins. A. I. Nikolaev. Med. zhur Uzb. no. 3.35-39 Mr '60.

Clinical evaluation of protein displacements in the blood and exudates in tuberculous exudative pleurisy [with summary in English] IA, A, Makarevich Terap arkh, no 7:79-84 '61.

Dynamics of blood serum protein fractions during the treatment of hypertension with alkaloid preparations of Rauwolfia serpentina and hexonium [with summary in English]. G, V, Kalugina. Terap. arkh. no, 7:40-50 '61.

Dynamics of changes in the protein content of blood serum in typhoid fever in children. Med. zhur. Uzb. no, 3: 13-15 Mr '60.

Effect of gordon on blood proteins. M.G.Seifulina. Med.zhur.Uzb. no.2-59-62 F '60

Indices of the variability of serum proteins under the action of ionizing radiation. I. K. Gul'mirzaeva. Med. zhur. Uzb. no. 3:30-35 Mr '60.

Investigating the amino acid composition of the proteins of blood serum in atrophic rhinitis of swine G. V. Kamalian, E, G, Abramian, A, A, Mnatsakanian, Izv. AN Arm. SSR. Biol. nauki 15 no. 1:53-57 Ja '62.

leukemias [with summary in English] A, A, Rakitianskaia, Z, N Atrakhovich Terap arkh. no 7:91-95 '61

Protein formula of the blood in patients with nonspecific pulmonary pathology. V, A, Simagina, V, V, Salina. Terap. arkh no 7 68-73 '61.

Protein fractions in the blood serum in healthy children aged 15 days to 4 years F, Kh Nazarmukhamedov, Med. zhur Uzb, no 9, 11-43 S '61.

Protein fractions of the blood serum in acute myocardial infarction following thrombosis [with summary in English] N, I, Semenovich Terap arkh, no, 9:38-42 '61.

Protein fractions of the blood serum in some chronic dermatoses. S.I Matuskov and others. Vest. dermat ven. no 2,42-44 '62.

Serum proteins and protein fractions in rheumatic fever with circulatory insufficiency. IA, F. Buglova. Zdrav Bel 7 no 8,14-17 Ag '61

Some features of the fluctuation of the blood serum protein level in peptic ulcer and their significance in clinical treatment A A.Krylov, I F.Bogolavlenskii Zdrav Turk 5 no 6,14-19 N-D '61

BLOOD SUGAR

Glycemic curve in chronic lung suppurations before and after surgery F, M, Zhmudikov Zdrav. Bel. 7 no 12 16-19 D '61.

Leibson, L, G. [Blood sugar, regulation of sugar content in animal and human blood] Sakhar krovi; regulirovanie soderzhaniia sakhara v krovi u zhivotnykh i cheloveka, Moskva, Izd-vo Akad. nauk SSSR, 1962, 399 p.

Nature of sugar curves in vibration sickness. N, N, Pushkina, Uch. zap. Mosk. nauch. -issl. inst. san i gig, no, 7:03-65 '60.

BLOOD TUMOR see Hematoma

BLOOD VESSELS

Blood supply of lumbar lymph nodes [with summary in English]. A, A, Arkhypovych. Dop. AN URSR no. 2: 257-260 '62.

Changes in the blood supply system in sarcoma 45 during the process of sarcolysin therapy N, V, Krylova, M, A, Piesnov Vop. onk. 8 no 1,47-55 '62.

Changes in the intima of the large blood vessels during regeneration [with summary in English]. Go Zhen'-IU (Kuo Jên-Yu). Arkh. anat. gist. i embr. 41 no, 7:90-99 Jl '61.

Concentration of adrenaline and its oxidation products in tissues of blood vessels of guinea pigs exposed to ionizing radiation. L, I, Polikarpova Radiobiologiia 1 no. 5:899-902 '61.

Development of the vascular system in phylogenesis [with summary in English]. N, G, Khlopin. Arkh. anat. gist. i embr. 41 no. 7-3-20 Jl '61.

Pharmacology of the smooth musculature of the blood vessels. F, P Trinus, A, I, Cherkes. Vest. AMN SSSR 16 no, 12-74-79 '61.

[Problems in the physiology and pathology of the vascular tonus] Voprosy fiziologii i patologii sosudistogo tonusa. Kiev, Gos. med. izd-vo USSR, 1961. 274 p. (DNLM)

Resistance and permeability of the blood vessels in anticoagulant treatment. I.V. Luk'ianenko. Vrach. delo no. 1-146-148 Ja '62.

Vascularization and innervation of Filatov's grafts. N, V, Fetisov. Probl. stom. 5:308-314 '60.

BLOOD VESSELS—DISEASES

Vascular disorders in chronic intoxication with tetraethyllead. E, M, Bongard. Kaz. med. zhur. no. 6:72-73 N-D '61.

Vascular reactions in coronary insufficiency. B, I, Trusevich, A, P, Kirilliuk Zdrav. Bel. 7 no. 8:8-11 Ag '61.

BLOOD VESSELS—RADIOGRAPHY see Angiography

BLOOD VESSELS—TRANSPLANTATION

Vascular transplantation in arteriosclerosis obliterans. M, P, Vavilin, E, M, Khodiev. Med. zhur. Uzb. no, 11: 26-29 N '61.

BLOOD VESSELS—TUMORS

Chaoul X-ray therapy for cavernous hemangiomas in children [with summary in English]. G.N. Apasov. Vop. onk. 7 no. 7-70-73 '61.

Observation of a tumor of the glomus jugulare, [illegible] Fomina. Vest. otorin. no. 2:102-103 '62

BLUEPRINTING

Light copying process. IUn. tekh. 6

BLUEPRINTING—EQUIPMENT AND SU

Mercury-quartz arc lamps for RKS-2, printing apparatus. Svetotekhnika 6

BMR see Basal metabolism

BOARDING SCHOOLS

(see also subdivision under Donetsk barovsk; Leningrad Province; Mordov Ural Mountain region)

Brief notes on good things. Shkola-int Ja-F '62.

Communism is a practical goal of our generation L, Bednarchuk, N. Mikheev. Shkola-int no 1:22-24 Ja-F '62.

Congress of the builders of communism. Shkola-int no. 1:2-5 Ja-F '62

Development of student activities in boarding schools O. S. Kel' Dokl APN 5 no 5 31-34 '61

Educational work. O. Erdnieva-Mukaeva Nar. obr. no 2:90-91 F '62

In our boarding school. V. Abdullin. Nar. obr. no. 2-74 F '62.

In the name of the 22d Congress. A. Bardukov. Shkola-int. no. 1:15-16 Ja-F '62

Inculcating skills and habits of good behavior in grade 1-4 students of boarding schools E S. Kuznetsova, K. P. Shnurkova. Uch. zap MGPI no 147 5-61 '60.

Inculcating the habit of good behavior in fifth grade students of boarding schools M. M. Mecheva. Uch. zap. MGPI no. 147 62-89 '60.

Inculcating skills and habits of good behavior in sixth grade students of boarding schools. N.M Bogatyrev. Uch zap MGPI no. 147-90-131 '60.

Inculcating skills and habits of good behavior in seventh grade students of boarding schools A.A Goncharov Uch. zap MGPI no 147:132-175 '60

Let's start work, comrades. E. Popova Shkola-int. no. 1:12-13 Ja-F '62

Location of boarding schools in the plan of a city. N Demin, I Fomin. Stroi i arkhit. 9 no 12:3-5 D '61.

Measures for further improvement of boarding school work. E. Afanasenko. Shkola-int. no. 1:80-86 Ja-F '62.

Organizing the educational process in boarding schools I. T. Ogorodnikov Shkola-int. no 1,63-69 Ja-F '62.

Party work in a boarding school. V. Malakhov Shkola-int. no. 1:17-21 Ja-F '62.

Some aspects of the development of boarding schools. R. Medvedev. Shkola-int. no 1:70-78 Ja-F '62

Vacations and holidays in boarding schools. Shkola-int. no. 1:86-87 Ja-F '62.

Ways and forms of introducing children to work. A. Kosarev. Shkola-int. no. 1:45-52 Ja-F '62.

We are forming a new man. S. Melkozerov, A. Rusina. Shkola-int. no. 1:14 Ja-F '62.

Work of vocational boarding schools and school villages students in agriculture; 1918-1925. A. E. Voronov. Sov. pedag. 26 no. 1:104-113 Ja '62.

BOARDING SCHOOLS—PERIODICALS

Subject plan of the "Shkola-internat" periodical for 1962. Shkola-int. no. 1:92-95 Ja-F '62.

BOBBINS (TEXTILE MACHINERY)—TECHNOLOGICAL INNOVATIONS

What to do with a bobbin? E. Voitekhova, M Gurina Izobr. i rats no 3 5-6 Mr '62.

BOBRUYSK—AMATEUR THEATRICALS

In Bobruysk. V. Shimanskii and others Teatr 23 no 2 185-187 F '62.

BOBRUYSK—RUBBER, RECLAIMED

Truck-mounted platform for catching automobile tire casings. V. N. Andreev. Kauch i rez. 21 no. 2:45-46 F '62.

BOBRUYSK DISTRICT—TRUCK DRIVERS

A million kilometers. A. Harelik. Belarus' 19 no. 2:27 F '62.

BODY, HUMAN see Anatomy, Human

BODY TEMPERATURE

Effect [illegible]
with
Fre
n

BOD

Wa
ar
F

BO

(

BOILERS
(see also subdivision under United States)
Calculation of the optimum temperature of the exhaust gases of electric power plant boilers A. I. Andriushchenko, A. V. Zmachinskii Izv vys ucheb zav , energ 5 no 1:57-68 Ja '62
Complete modernization of fire-tube boilers. V IUshkov, V Emel'ianov. Mias ind SSSR 32 no 6 25-27 '61
Experience in the modernization of Shukhov-type boilers operating on liquid fuel. P. I. Oganov and others Prom energ. 17 no. 3 18-23 Mr '62.
Installation of the TGM-94 boiler and PVK-160 turbine system outdoors M. IA Stuchishkin. Energetik 10 no. 3:1-4 Mr '62.
Intercrystalline breakdown of metal of low-power steam boilers T. N. Borisov Bezop truda v prom 6 no 2:17-18 F '62
Letter to the editor. A. P. Abovskii. Teploenergetika 9 no 3 93 Mr '62
Massover, A. M. [Manual for stokers of municipal enterprises] Posobie dlia kochegara kommunal'nykh predpriiatii. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1961. 90 p.
Measures for increasing the effectiveness of the ventilation of boilers. I. G. Iniutin. Vod i san. tekh no 2 32-34 F '62
Standard networks for the automation of heating and industrial boiler systems I. M. Liando Prom energ 17 no 3:23-27 Mr '62
Steadiness of the energy characteristics of boiler units F. T. Markovskii, G. F. Selivin Zbir. prats', Inst tepl. AN URSR no. 23:13-22 '61.
System of fractional separation with re-circulation M. N. Kemel'man, N. B. Eskin Energomashinostroenie 8 no 3 21-23 Mr '62

BOILERS—CLEANING
Pneumatic ash removal in boiler cleaning operations L. G. Kovarskii, A. N. Andreev Energetik 10 no. 2 10-13 F '62.

BOILERS—DESIGN AND CONSTRUCTION
Selecting the optimum gas flow rate in regenerative air heaters. V. I. Belinev Teploenergetika 9 no 2 30-31 F '62.
Small sized boiler with a capacity of 950 ton per hour for a 300 Mw unit N. V. Golovanov Energomashinostroenie 8 no. 2, 38-42 F '62.

BOILERS—EQUIPMENT AND SUPPLIES
Installation of a mixing heater. E. L. Aikhenval'd. Energetik 10 no. 3:21-22 Mr '62.

BOILERS—FIRING
Ash abrasion of tubes and permissible velocities of gases in boiler units I. I. Dubovskii. Energomashinostroenie 8 no 2 15-19 F '62.
Conference on the improvement of the technological level in the operation of boiler units fired with mazut A. P. Abovskii Teploenergetika 9 no 3:02 Mr '62
New high capacity boiler unit for burning Estonian shale. V. S. Patychenko, V. I. Reznik, V. P. Zheleznlak. Energomashinostroenie 8 no. 2 1-4 F '62.
Studying the effect of blow air preheating on the efficiency of burning anthracite fines. P. I. Lavrov, A. N. Kocherezhko. Zbir. prats' Inst. tepl. AN URSR no 23 23-36 '61.

BOILERS—INCRUSTATIONS
Mechanism of the hydrazine effect on the process of ferric oxide scale formation. N. N. Man'kina, B. N. Sobolev Teploenergetika 9 no. 3:46-50 Mr '62

BOILERS—SAFETY APPLIANCES
Performance of critical water level indicators for steam boilers. K. D. Korychev. Bez. truda v prom. 6 no. 1: 32-33 Ja '62.

BOILERS—SAFETY MEASURES
Barskii, M. P. [Instructions of safety engineering for boiler fireman tending gas furnaces] Pamiatka po tekhnike bezopasnosti dlia kochegara, obsluzhivaiuchego gazovye topki. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 22 p. (Tekhnika bezopasnosti v stroitel'stve)
[Safety engineering in the operation of boiler systems] Tekhnika bezopasnosti pri ekspluatatsii kotel'nykh ustanovok. [Moskva, Izd-vo M-va sel'. khoz. RSFSR, 1961] 11 p. (Pamiatka rabotnika sel'skogo khoziaistva)

BOILERS—STANDARDS
Specification of certain parameters of the standard for steam boilers. P. N. Kuznetsov. Standartizatsiia 26 no. 2, 23-25 F '62.

BOILERS—TESTING
Effect of errors made in the balancing tests of boilers on the accuracy of the plotting of characteristics concerning increments. F. T. Markovskii, G. F. Selivin. Zbir. prats', Inst. tepl. AN URSR no. 23:3-13 '61.

BOILERS, MARINE
Auxiliary and waste-heat boilers on ships of the "Ugleural'sk" motorship type. A. K. Gol'denfon. Inform. sbor. TSNIIMF no. 52. Tekh. ekspl. mor. flota no. 5:61-68 '60.
Operational testing of the automatic control system for the power plant of the "Leninskii Komsomol" steamer V Syromiatnikov, L Sobolev Mor flot 22 no 3 22-26 Mr '62
Perlov, G. V. [Marine steam boilers] Sudovye parovye kotly. Pod red. N. I. Pushkina. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1961. 343 p.

BOILERS, WATERTUBE—WELDING
Advisability of forge rolling of joints between thin-walled tubes and thick sheets. V I Rabinovich, A L Marchenko Avtom svar 15 no 3 64-67 Mr '62

BOILS see Furunculosis

BOISSIER, EDMOND, 1810-1885
Pierre Edmond Boissier (1810-1885), on the 150th anniversary of his birth and 75th anniversary of his death. S. G. Tamamshian Bot zhur 47 no. 1 144-151 Ja '62.

BOLLWORM see subdivision under Azerbaijan

BOL'SHAYA ARYA—COMMUNITY CENTERS
When the lights are turned on in the village .. Kul't - pros rab 23 no 2 9-12 F '62.

BOLSHEVISM see Communism

BOL'SHIYE ZHUKHOVICHI REGION—PEGMATITES
Mineralogical characteristics of pegmatites of the Bol'shiye Zhukhovichi region in the crystalline basement of White Russia [with summary in English on pp. 494-495]. A M Pap Min. sbor no 14;351-357 '60.

BOL'SHOE MURASHKINO DISTRICT—LECTURES AND LECTURING
Lectures and discussions on the program of CPSU. A. Arkhipov. Kul't -pros rab 23 no 2 8 F '62

BOLTS AND NUTS
Choosing the original parameters in the design of tough thread joints. V. K. Danilov Trudy LKI no 32:59-66 '60.
Using "stirakril" for restoring worn-out parts. G. D. Pekelis. Khim. mash. no. 6:42-43 N-D '61.

BOMB RECONNAISSANCE
In peacetime we carry out combat tasks D. Cherepanov Voen. vest. 41 no 10:90-91 O '61.

BOMBARDMENT WITH PARTICLES see Collisions (Nuclear physics)

BOMBAY—DESCRIPTION
Face of Bombay. V. Druzhinin. Vokrug sveta no. 1: 33-37 Ja '62.

BOMBING, AERIAL
Bombing from low altitudes (as revealed by foreign press data). G. Vasil'kov, V. Odintsov. Vest. Vozd. Fl. no. 11:93-95 N '61
Considering the inertia of the rudder in some problems of pinpointing. O. V. Grigor'eva, A. S. Kel'zon Izv vys. ucheb. zav. jav. tekh. 4 no. 4:22-29 '61.
I solved (answer to problem in No. 6, 1961). Kh. N. Khamidulov Vest. Vozd Fl no. 10:65 O '61

BONDS, CHEMICAL see Chemical bonds

BONE GRAFTING
Biological (pathomorphological) characteristics of bone homografts preserved in paraffin. P. V. Sypovskii Vest. khir no 12:17-22 '61.
Early and late results of bone-grafting operations on the mandible. E. A. Aleksandrova. Probl. stom. 5:286-294 '60.
Regeneration of the bone and the fate of lyophilized tubular homografts in osteoplasty of extensive defects of the diaphysis of the hip under experimental conditions A. I. Morozov Ortop., travm. i protez. no. 1 52-58 '62.
Results of osteoplastic reconstruction of tibial defects appearing following hematogenic osteomyelitis. V. IA. Mos'kin. Ortop , travm. i protez no. 1:37-42 '62
Use of frozen bones and cartilage in maxillofacial surgery. E. A. Aleksandrova. Probl. stom. 5:295-299 '60

BONES
Comparative characteristics of the clavicle and tubular bones in Neanderthal and contemporary man. IU. D. Benevolenskaia, E. N. Khrisanfova. Vop. antr. no. 6: 129-133 '61.
Measuring the angles on the long bones of the skeleton. V. G. Vlasovskii. Vop. antr. no. 6, 123-125 '61.
Method for determining pair correspondences of bones. V. G. Vlastovskii. Vop. antr. no. 5:133-136 '60.
Principles of the treatment of malignant tumors of the osteoarticular system. J. Cervenansky. Ortop., travm. i protez no. 1:85-93 '62.
Quantitative amount of some trace elements in bone regenerate at various periods of its formation [with summary in English in insert]. A. M. Belous. Ortop., travm. i protez. no. 12:33-39 '61.
Weight characteristics of the skeleton and bone marrow in the common European hare (Lepus europaeus Pall.) V. I. Kosobutskii. Dokl. AN SSSR 143 no 1:242-244 Mr '62.

BONES—DISEASES
Osseous changes in chronic leukemias. G. I. Volodina. Kaz. med zhur no. 4:71-73 Jl-Ag '61.
Pseudarthroses and bone defects. V. D. Chaklin. Ortop , travm i protez no 1 3-13 '62
Use of M. S. Ovoshchnikov's large-frame lens fluorograph in the diagnosis of diseases of the bones and joints P. P. Kenig Vest rent i rad 36 no 4 72-73 Jl-Ag '61.

BONES—SURGERY
Filling of bone cavities with minced muscle tissue in chronic osteomyelitis; experimental clinical research. S. N. Pravednikov. Nov. khir. arkh no 4:24-31 Jl-Ag '60
Role of skeletal traction in some operations on the bones and joints [with summary in English in insert]. L. E. Ellianhberg Ortop., travm. i protez. no. 12 20-32 '61

BONES—TUBERCULOSIS
(see also subdivision under Moldavia)
Blood transfusion in osteoarticular tuberculosis in children N N Shchitova. Med zhur. Uzb no 12 7h D '61.
Erythrocyte mass transfusion in osteoarticular tuberculosis. Kh Sh Arslanova. Nov. khir. arkh. no 3 77-80 My-Je '60
Surgical treatment of fistulous forms of osteoarticular tuberculosis V. T. Gurvich, L. I. Barash Zdrav. Bel 7 no. 8:28-30 Ag '61
Surgical treatment of osteoarticular tuberculosis. B M Makhmudbekov, T D Gabibli. Azerb med zhur no 11 17-22 N '61.
Tomographic study in osteo-articular tuberculosis [with summary in English] A L Kurbatov Vest. rent i rad 36 no. 6 29-34 N-D '61.
Treatment of Brodie's intraosseous abscesses. N. M. Monichuk. Nov. khir. arkh. no. 1 113-119 Ja-F '60.
Use of plaster mixed with streptomycin and penicillin for filling bone cavities after removing isolated tuberculous foci M V. Shats. Nov khir arkh. no. 4, 35-42 Jl-Ag '60

BONES—TUMORS
Minsk. Minskii nauchno-issledovatel'skii institut travmatologii ortopedii. [Clinical aspects, diagnosis and treatment of bone tumors] Klinika, diagnostika i lechenie kostnykh opykholei. Minsk, Izd-vo Akad. nauk BSSR, 1961, 173 p.
(DNLM)
X-ray diagnosis of skeletal metastases of thyroid gland adenoma [with summary in English]. A. L. Bogoslavskii Vop. onk 8 no. 1:18-25 '62.

BONES—WOUNDS AND INJURIES
Traumatic rupture of the pericardium and diaphragm in combination with multiple bone injuries F F Zobnin Vest. khir. no. 2, 121 '62.

BONES, FOSSIL
Fluorine, phosphorus, and trace element concentration in bone remains of fossil fishes and dolphins I. N. Kudrin, A. S Sivkova, S. S. Martynova Dokl AN SSSR 142 no 4 930-932 F '62

BONUS SYSTEM
Amendment to paragraph 23 of the regulation on bonuses to managerial, engineering and technical personnel in construction and assembly work on capital repairs. Biul Gos kom po vop. truda i zar. platy no. 9:17 '61
Supplement to the standard regulation on bonuses to managerial, engineering and technical personnel in geological organizations. Biul. Gos. kom. po vop. truda i zar platy no 9:19 '61.

BOOBY TRAPS (MILITARY SCIENCE) see Mines, Military

BOOKPLATES, ESTONIAN
Ambur, P., comp. [25 bookplates engraved on wood] 6x5 eksliibrist puugravuuris. Tallinn, Eesti NSV Kunts, 1961. 79 p. [Parallel texts in Estonian, Russian, German, and English]

BOOKS—OWNER'S MARKS
Ex libris. B. Vilinbakhov. IUn. tekh. 6 no. 1-49 Ja '62

BOOKS AND READING
How to work with books. V. Denis'ev. Sov. knizh. torg. 15 no. 2:37-39 F '62

BOOKSELLERS AND BOOKSELLING
(see also subdivision under Altai Territory; Azerbaijan; Daghestan; Donets Basin; Dzhambul Province; Irkutsk District; Kazakhstan; Kiev; Krasnodar Territory; Kulunda District; Moldavia; Moscow; Novorossiysky; Pavlodar; Penza Province; Smolensk; Tiflis; Ukraine; Voskresensk; Yamanka)
Course on the specialized book trade. Sov. knizh. torg. 15 no. 2:5-6 F '62.
Distribution of books is party work. V. Anikina. Sov. knizh. torg. 15 no. 1 22-24 Ja '62.
For communist labor! Sov. knizh. torg. 15 no. 1:5-7 Ja '62.
Fundamental problems of the rural book trade. Sov. knizh. torg. 15 no. 1.24-29 Ja '62.

BOOKSELLERS AND BOOKSELLING (Continued)
How to ord . books by mail Uchet i fin. v kolkhoz. i sovkhoz. 19 no. 2 62 F '62
Legal advice Sov knizh. torg 15 no. 2 41-42 F '62
Let us continue the conversation about the training of booksellers in secondary schools N Pakharukova, E Furdik. Sov. knizh. torg 15 no 2 30-31 F '62
Questions and answers. Sov knizh torg 15 no 2 40-41 F '62
Sell books at the factory club S Sheikan Sov. knizh torg. 15 no. 1:19-21 Ja '62
Subscription books at factories. T Gamzalina Sov. knizh torg. 15 no 1 18-19 Ja '62
Take books to every rural reader Sov. knizh. torg. 15 no. 1 3 Ja '62.
Take books to every working family Sov knizh torg. 15 no. 1 4 Ja '62.
Take the resolutions of the party to the masses! M Pashkov. Sov. knizh torg. 15 no. 2 3-4 F '62
Teach yourself. Sov knizh torg 15 no. 1-47 Ja '62
To work, comrades! Sov. knizh. torg. 15 no. 1 1-2 Ja '62
Treaty of friendship between publishing houses and bookstores Sov knizh. torg 15 no 2 43-45 F '62.
Yaroslavl - Kalinin - Elektrostal Sov. knizh. torg 15 no 1:8-12 Ja '62
Ways of pushing technical books. E. Boshkina. Sov. knizh torg. 15 no 1 13-16 Ja '62.

BOOKSELLERS AND BOOKSELLING—BIBLIOGRAPHY see Bibliography—Booksellers and bookselling

BOOKSELLERS' CATALOGS see Catalogs, Booksellers'

BOOKSTORES
(see also subdivision under Penza)
Arrangement of books in village stores Sov. knizh. torg. 15 no. 2:21-23 F '62.

BOOTS AND SHOES, RUBBER
(see also subdivision under Moscow)
New design and construction of sewn lining for stamped galoshes. A. V. Savenitskii, L. B Koblikova, V A Shishova. Nauch. trudy MTILP no. 18 91-104 '60.

BORAZINE
New method of preparing of N-dimethyl-B-difluoroborazine. L. L. Shchukovskaia, M. G Voronkov, O V. Pavlova Izv. AN SSSR, Otd. khim, nauk no. 2:366 F '62.

BORIC ACID
Addition of diborane to isoprene and synthesis of β-methyltetramethylenediboric acid L. I. Zakharkin, A I Kovredov. Izv. AN SSSR Otd. khim. nauk no. 2, 362-363 F '62
Synthesis of pentamethylene- and hexamethylenediboric acids. L. I. Zakharkin, A I. Kovredov. Izv. AN SSSR. Otd. khim. nauk no. 2, 357-358 F '62.

BORIDES
Analysis of the borides of titanium, chromium, and zirconium. V. G. Shcherbakov, R. M. Veitsman, Z. K. Stogendo. Biul. Inst. metaloker. i spets. splav. AN URSR no. 6:52-56 '61.
Chemical properties and methods of analyzing borides of the transition and rare-earth metals. L. N. Kugai. Biul. Inst. metaloker. i spets. splav. AN URSR no. 6:45-51 '61.

BORING
(see also subdivision under Kazakhstan; Komsomol'skoye region, Donetsk Province, Sverdlovsk Province)
Anatol'evskii, P. A., A. V. Maloian, and O. M. Shnearov, [Technical methods and equipment in rotary drilling of water wells] Tekhnologiia burentia skvazhin na vodu rotornym sposobom. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1962. 247 p.
Automatic control of thermal drilling by means of an optimalizing controller and radioactive transducer of operation. A. V. Brichkin, P. A. Shamin. Izv. AN Kazakh. SSR. Ser. gor. dela no. 2:51-56 '61.
Automatic recorder of the operation of cable drilling rigs. P. P. Bastan. Gor. zhur. no. 12:61-62 D '61.
Basic laws of rock boring by means of three-cone bits. R. A. Badalov. Izv. AN Azerb. SSR. Ser. fiz.-mat i tekh. nauk no. 5:120-130 '61.
Boring and blasting operations in the Yesiyuninskoye Mine. P. S. Danchev, V. L. Kolibaba, A. S. Brezgin. Vzryv. delo no. 47/4:38-44 '61.
Comparative evaluation of rock breaking by detonations of charges in vertical and inclined holes. S. S. Panchev and others. Vzryv. delo no. 47/4:52-63 '61.
Conference on boring and blasting operations. B D. Rossi. Gor. zhur. no. 11:76-77 N '61.
Determination of the drillability of rocks on the basis of their physical and mechanical properties. N. A Kudria. Vzryv. delo no. 47/4:268-273 '61.
Effect of boring and blasting operations on the stability of the edges of strip mines. M. E. Pevzner, V. F. Kirienko, D. N. Kim. Gor. zhur. no. 12, 12-16 D '61.
Effect of the angle of rock dip on the drilling rate and deflection of core holes. IU. T. Morozov. Izv. vys. ucheb. zav. ;geol. i razv. 4 no. 11:115-119 N '61.
Improve methods and equipment for boring and blasting operations. M. Z. Burov. Bezop. truda v prom. 6 no. 2:8-9 F '62.
Improving blasting operations in pits of the Olenegorsk Mining Administration. I. N. Grinberg, R. S. Permiakov, G. S Cherepanov Vzryv delo no 47/4 84-89 '61
Improving boring and blasting operations in asbestos pits B A Sonin. Vzryv. delo no 47/4 20-39 '61.
Improving boring and blasting operations in mines of the Karakubskiy Mining Administration L. I. Gluskin. Vzryv delo no 47/4 5-20 '61
Improving boring and blasting operations in strip mines of the Noril'sk Combine G. A. Bulashevich, V P. Gordeev, V. M. Permiakov Vzryv delo no 47/4 63-73 '61
Optimum parameters of boring and blasting operations and their effect on rock breaking by blasting M. G Novozhilov and others. Vzryv delo no. 47/4 197-204 '61
Results of using single-row and multirow short-delay blasting in pits of the Yelenovka Mining Administration. F. A Belaenko and others. Vzryv. delo no 47/4, 74-84 '61.
Sludge recovery in deep rod drilling. IU. G. Kuntukov. Izv. AN Kazakh. SSR. Ser gor. dela no 1:64-69 '61
Study of the relation between the net drilling rate and the depth of boreholes B I Nifontov, N. M. Romadin, I IU Shishchits. Gor zhur no 12 52-53 D '61
Studying certain parameters of the bit penetration process in percussion drilling. S. G. Kaloshin, V A TSitokhtsev. Izv. AN Kazakh. SSR. Ser. gor dela no 2: 65-73 '61
Using deflecting wedges in directional drilling of core holes IU. L. Bolarko Izv. vys. ucheb zav. ;geol. i razv. 4 no. 11:120-128 N '61
Using slim inclined holes in pits of the Pervouralsk iron ore deposit N. U. Turuta, A. T Galimullin Vzryv. delo no 47/4 45-52 '61.

BORING—ELECTRONIC EQUIPMENT
Use of selsyns for measuring the deflections of boreholes. F. A. Starichenko. Sbor. nauch. trud. KazGMI no. 18. 177-183 '59.

BORING—PERMEABILITY
Method of determining the water permeability of cores. B. F. Remnev, M. S. Bagov. Trudy GrozNII no. 10:148-157 '61.

BORING—WATER SUPPLY see subdivision under Sibay region

BORING MACHINERY
(see also subdivision under Germany, West; Sweden)
Blunting of bits in drilling with a perforator. L. I. Baron and others. Gor zhur no. 10, 56-58 O '61.
Boring device for sinking concrete piles and drilling artesian wells P. A Anatol'evskii Mont i spets. rab. v stroi. 23 no. 12:26-28 D '61
Calculation of all the parameters of percussion-vibration machines. A. M. Ashavskii. Gor. zhur. no 7:47-50 Jl '61
Comparison of drilling with roller bits and with sinker drills in hard rocks Z. B Alborov. Gor. zhur. no 11 42-45 N '61.
Durability and wear resistance of rolling bearings of mass-produced roller bits. L. A. Karnaukhov, B. M. Suslov. Trudy GrozNII no. 10:21-31 '61.
Equipment for diamond drilling and prospects of its development. A. A. Bakanov. Biul tekh. -ekon inform. no. 1:9-12 '62
Industrial tests of the BASh-250 drilling rig. N. K. Voitsekhovskii and others. Gor. zhur. no 10:54-55 O '61.
New shaped bit for drilling with the SVB-2 rig. E. V. Peregudova. Vzryv. delo no. 47/4:136-139 '61.
Performance characteristics of PR-256 and PR-241 high-speed perforators. N. T. Nered, M. M Akhmetov, I. E. Khmyz. Izv. AN Kazakh. SSR. Ser. gor dela no 1: 70-76 '61.
Safokhin, M. S., and B. A. Katanov, [Operator of a drilling rig in an open pit] Mashinist burovogo stanka na kar'ore. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 249 p.
Self-propelled drilling machine for boring holes in frozen ground and soft rock. A. N. Dashkov. Vzryv. delo no. 47/4.132-136 '61.
Standardization of hard-faced drill bits. V. N. Volkov, I. E. Rudavskii. Izv. vys. ucheb. zav. ;geol. i razv. 4 no. 12:103-109 D '61.

BORINGS
Evaluation of the physical properties of cores of fractured rocks. M. S. Bagov, V. I. TSoi, B. F. Remnev. Trudy GrozNII no. 10:161-170 '61.
Method of determining the connate water content in cores and studying their pore structure. B. F. Remnev, M. S. Bagov, V. I. TSoi. Trudy GrozNII no. 10:159-160 '61.

BORIS VILKITSKIY STRAIT—ICE
Salt composition of ice in the Boris Vilkitskiy Strait. A. A. Musina. Trudy AANII 218:59-109 '60.

BORODIN, ALEKSANDR PORFIR'EVICH, 1833-1887
A. I. Borodin. Nar. obr. no. 1:91 Ja '62.
During years of youth; on the 75th anniversary of the death of A. P. Borodin. A. Sokhor. Sov. muz. 26 no. 2, 67-76 F '62.

BOROLDAY VALLEY—STONE AGE
New Neolithic locations in the Arystandy and Buryltay (Boroldai) Valleys, Southern Kazakhstan Kh A Alpysbaev. Trudy Inst. ist., arkheol i etn AN Kazakh SSR no. 12:3-20 '61.

BORON
(see also subdivision under Yakutia)
Alloying 35L steel with boron and certum. V. N. Gonchar, P. F. Ivantsov. Izv. vys. ucheb zav. ,chern. met 5 no 1: 160-163 '62
Determination of boron in natural waters. T. A. Glebovich. Vop gidrogeol i inzh. geol. no. 19:172-182 '61.
Mechanism of boron absorption by magnesium oxide. P. F. Rza-zade Dokl. AN Azerb SSR 17 no 11:1027-1031 '61.
Possible geochemical relationship between cesium and boron [with summary in English] O D Stavrov, V G Khitrov Geokhimiia no. 1:53-61 '62
Uraiborite and pentahydroborite new minerals of boron. S. V. Malinko Zap. Vses. min. ob-va 90 no. 6 673-681 '61

BORON—ANALYSIS
Method for the spectrographic determination of impurities in elementary boron [with summary in English] R. R. Shvangiradze, T A. Mozgovaia, E. V Shchetinina Zhur anal. khim. 17 no. 1:94-96 Ja-F '62.

BORON CARBIDES
Boron carbide; chemical properties and methods of analysis. T. N. Nazarchuk. Biul. Inst. metaloker. i spets. splav. AN URSR no 6:30-37 '61.

BORON HYDRIDES
Heat of formation of decaborane. G. L. Gal'chenko, B. I. Timofeev, S. M. Skuratov Dokl AN SSSR 142 no. 5. 1077-1080 F '62.
Organoboron compounds. Part 87: Reaction of diborane with aryl derivatives of boron. B. M. Mikhailov, V. A. Dorokhov. Zhur ob. khim. 31 no. 12:4020-4023 D '61

BORON ORGANIC COMPOUNDS
Characteristic behavior of organoboron esters reacting with fluoroalkylaryl radicals V. F Gridina, A. L. Klebanskii, V. A. Bartashev. Zhur. ob. khim. 32 no. 1: 323 Ja '62.
Fluoroalkylaryl derivatives of boron. V. F. Gridina and others. Zhur ob. khim. 32 no 1:322-323 Ja '62.
Organoboron compounds. Part 87: Reaction of diborane with aryl derivatives of boron. B. M. Mikhailov, V. A. Dorokhov. Zhur ob khim 31 no. 12:4020-4023 D '61
Organoboron compounds. Part 89: Reactions of diarylboron chlorides with aromatic amines and heterocyclic bases. B. M Mikhailov, N. S Fedotov. Zhur. ob. khim. 32 no. 1 93-95 Ja '62.
Organoboron compounds. Report No. 90 Esters of organohalothioboronic acids. B. M. Mikhailov, T. K. Kozminskaia. Izv. AN SSSR. Otd. khim. nauk no. 2:256-260 F '62.

BORZHAVA VALLEY—RODENTIA
Distribution of murine rodents in the vegetative associations of the mountain valleys of the Borzhava and Chernogora Ranges. M. P. Rudyshyn. Nauk zap. Nauk.-pryrod. muz AN URSR 9 80-91 '61

BOSPORUS—OCEAN CURRENTS
Current field and water exchange in the Bosporus. D. M. Tolmazin Okeanologiia 2 no. 1 44-50 '62

BOTANICAL GARDENS see subdivision under Poland

BOTANICAL RESEARCH
(see also subdivision under Odessa, Ural Mountain region)
M. V. Lomonosov and the problems of botany. I. S. Melekhov. Bot. zhur. 46 no. 11:1570-1573 N '61.
Scientific work at the Department of Higher Plants. A. I. Tolmachev. Vest LGU 17 no. 3:158-160 '62.

BOTANY
(see also subdivision under China; Kura Lowland; Luga Valley; Ural Mountain region)
Bogdanov, P. L. [Botany] Botanika. 2., perer. izd. Moskva, Goslesbumizdat, 1961. 391 p.

BOTANY—AUDIO-VISUAL AIDS
Use of visual aids in teaching the botany course. I. F. Semenov. Dokl. APN 6 no. 2:37-38 '61.

BOTANY—CLASSIFICATION
Maevskii, P. F. [Autumnal plants of the central zone of the European part of the U. S. S. R.; classification key] Osenniaia flora srednei polosy Evropeiskoi chasti SSSR; opredelitel'. Izd. 2. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 149 p.

BOTANY—ECOLOGY
Razumov, V. I. [Habitat and the development of plants] Sreda i razvitie rastenii. 2. izd. Leningrad, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 367 p. (DA)

BOTANY—EMBRYOLOGY

Cytological data on the stimulus for the growth of embryo sac cells. E. N. Gerasimova-Navashina. Trudy Bot. inst. Ser. 7 no. 5:238-249 '52

Embryology of corn. S. N. Korobova. Trudy Bot. inst. Ser. 7 no. 5:291-314 '52.

Embryology of Trochodendron aralioides Sieb. et Zucc.; development of pollen and embryo sac. M. D. Ioffe. Trudy Bot. inst. Ser. 7 no. 5:250-259 '52

BOTANY—NOMENCLATURE

Index of Latin names of families, genera and species of plants. Trudy Bot. inst. Ser. 5 no. 10:300-302 '52

Proposals for compiling a Russian nomenclature of lower taxonomic units of plants. V. D. Lopatin. Bot. zhur. 46 no. 11:1667-1668 N '61.

Proposals for the unification of the description of new species. B. P. Vasil'kov. Bot. zhur. 46 no. 11:1663-1666 N '61.

BOTANY—PHYSIOLOGY see Plant physiology

BOTANY—STUDY AND TEACHING

Methodological instructions for the lesson "Plant is a living organism." A. P. Medovain. Biol. v shkole no. 2:37-40 Mr-Ap '62

Students conduct independent experiments on the topic "Plant is a living organism." M. M. Levina. Biol. v shkole no. 2:14-16 Mr-Ap '62.

Use of the "correlation of material" method in work on generalizations during the study of botany. I. F. Semenov. Dokl. APN 5 no. 5:57-60 '61

Using the method "variation of characteristics" in the botany course. I. F. Semenov. Dokl. APN 5 no. 3:39-42 '61.

BOTANY—TERMINOLOGY

Revision of some terms used in the ecology and biogeography of algae. I. A. Kiselev. Bot. zhur. 46 no. 11:1718-1722 N '61.

BOTANY, ECONOMIC

Biotic media and the problems of the development of agriculture of the arid regions of the U. S. S. R. [with summary in English]. A. V. Kalinina. Bot. zhur. 46 no. 11:1574-1583 N '61.

BOTANY, MEDICAL

(see also subdivision under India; Ukraine)

Effect of treating medicinal plants with mercaptophos on the content of active substances. N. I. Ostrovskii, V. V. Panina. Med. prom. 15 no. 12:49-50 D '61.

Work of the pharmacy managements of the Soviet Union's republics in procuring wild medicinal plants. S. G. Shoeva. Apt. delo 10 no. 6:11-14 N-D '61

BOTANY, MEDICAL—CONGRESSES

All-Union Scientific Conference of Pharmacists. R. B. Dzhavadov and others. Apt. delo 10 no. 6:3-9 N-D '61.

BOULANGER, NICOLAS ANTOINE, 1722-1759

Nicolas Antoine Boulanger and the Encyclopedists [with summary in English, p. 198]. L. S. Gordon. Nov. i noveish. ist. no. 1:125-134 '62

BOUNDARY LAYER

Artiukh, L. Iu., and others. [Thermal boundary layer problems in the case of heterogeneous and diffusion combustion; Conference on Heat and Mass Transfer, Minsk, January 23-27, 1961] Teplovye zadachi pogranichnogo sloia pri geterogennom i diffuzionnom gorenii; soveshchanie po teplo-i massoobmenu, g. Minsk, 23-27 ianvaria 1961 g. [Minsk, 1961] 16 p. [MICROFILM]

Diffusion type thermal shielding by means of a porous plate in a gas dynamic flow through percolation of a liquid and physicochemical reaction in a laminar boundary layer. E. P. Vaulin, N. N. Gvozdkov. Zhur. tekh. fiz. 32 no. 2:236-247 F '62.

Ekkert, E. R., A. A. Kheydov, and V. Zh. Minkovich. [Heat transfer, reduction temperature and surface friction in a plane plate with hydrogen injection into the laminar boundary layer] Teploobmen, temperatura vosstanovleniia i poverkhnostnoe trenie na ploskoi plastine s podachei vodoroda v laminarnyi pogranichnyi sloi; soveshchanie po teplo- i massoobmenu, g. Minsk, 5-10 iiunia 1961 g. [Minsk, 1961] 34 p. [MICROFILM]

Ginzburg, I. P. [Possible methods for solving boundary layer problems in the case of dissociation and diffusion; Conference on Heat and Mass Transfer, Minsk, June 5-10, 1961] O vozmozhnykh metodakh resheniia zadach pogranichnogo sloia pri nalichii dissotsiatsii i diffuzii; soveshchanie po teplo-i massoobmenu, g. Minsk, 5-10 iiunia 1961 g. [Minsk, 1961] 35 p. [MICROFILM]

Hartnett, J. P., and Gazley, Carl. [Generalized representation of cooling by means of mass transport into the laminar boundary layer of a plate; Conference on Heat and Mass Transfer, Minsk, January 23-27, 1961] Obobshchennoe predstavlenie metodov okhlazhdeniia putem podvoda massy v laminarnyi pogranichnyi sloi plastiny; soveshchanie po teplo-i massoobmenu, g. Minsk, 23-27 ianvaria 1961 g. [Minsk, 1961] 16 p. [MICROFILM]

One-dimensional nonstationary heating and melting of a solid body moving in gas along its plane surface. E. M. Shakhov. Inzh. zhur. 1 no. 3:46-59 '61.

Perel'man, T. L. [Heat transfer in a laminar boundary layer during flow over a thin plate containing internal sources; Conference on Heat and Mass Transfer, Minsk, 1961] Teploobmen v laminarnom pogranichnom sloe pri obtekanii tonkoi plastiny s vnutrennimi istochnikami; soveshchanie po teplo-i massoobmenu, g. Minsk, 1961 g. [Minsk, 1961] 9 p. [MICROFILM]

BOUNDARY VALUE PROBLEMS

Bending of surfaces of positive curvature under certain boundary conditions. G. S. Berkhin, V. T. Fomenko. Dokl. AN SSSR 140 no. 5:987-989 O '61.

Bending of surfaces of positive curvature under certain boundary conditions. V. T. Fomenko. Dokl. AN SSSR 142 no. 2:286-288 Ja '62

Boundary value problem for linear and quasi-linear parabolic equations. Part 1. O. A. Ladyzhenskaia, N. N. Ural'tseva. Izv. AN SSSR Ser. mat. 26 no. 1:5-52 Ja-F '62.

Boundary value problems for parabolic systems in a half-space. S. D. Eidel'man. Dokl. AN SSSR 142 no. 4:812-814 F '62

Boundary value problems for quasi-linear parabolic systems of equations and Cauchy's problem for hyperbolic equations. M. I. Vishik. Dokl. AN SSSR 140 no. 5:998-1001 O '61.

Cauchy type integrals and boundary value problems for generalized analytic functions on closed Riemann surfaces. Iu. L. Rodin. Dokl. AN SSSR 142 no. 4:798-801 F '62.

Comments on the solution to a certain problem for integrodifferential equations. L. E. Krivoshein. Issl. po int.-diff. urav. v Kir. no. 1:177-189 '61.

Existence, uniqueness, and asymptotic behavior of the solution to a boundary value problem for a system of differential equations with a small parameter in the highest derivative term. V. A. Tupchiev. Dokl. AN SSSR 142 no. 6:1261-1264 F '62.

General boundary value problem for the equation $\Delta u + c(x, y)u = 0$. A. Dzhuraev. Dokl. AN SSSR 142 no. 5:994-997 F '62

Hilbert's boundary value problem with shear. G. S. Litvinchuk, E. G. Khasabov. Dokl. AN SSSR 142 no. 2:274-277 Ja '62

Limiting boundary value problem for a linear integrodifferential equation. Iu. A. Ved', V. Z. Merenkov. Issl. po int.-diff. urav. v Kir. no. 1:243-248 '61.

Sign of Green's function of a linear difference boundary value problem of the second order. A. L. Teptin. Dokl. AN SSSR 142 no. 5:1038-1039 F '62.

Standardization and classification of the boundary conditions of the Sturm type of the boundary value problem for the equation $\frac{d^4x}{dx^4} = \lambda x$. A. F. Kulonen. Trudy LKI no. 31 125-135 '60.

Theorem on the existence of a solution to a certain boundary value problem for a mixed type equation. B. V. Melent'ev. Dokl. AN SSSR 142 no. 6:1251-1254 F '62.

Theorems concerning the uniqueness of solution to certain boundary value problems for mixed-type equations. B. V. Melent'ev. Dokl. AN SSSR 143 no. 1:38-41 Mr '62.

Theory of boundary value problems with conditions at the boundary containing certain parameters. V. I. Kondrashov. Dokl. AN SSSR 142 no. 6:1213-1216 F '62

BOXING

Instrument for measuring the velocity of the principal blows of a boxer. A. K. Liasota. Teor. i prak. fiz. kul't. 24 no. 10:786-787 '61.

Measuring courage. A. Ziffherbrot. Smena 39 no. 3:22-23 F '62.

BRACHIOPODA, FOSSIL see subdivision under Arctic regions; Nakhichevan A. S. S. R.; Novaya Zemlya; Samara Bend; Tunguska Basin; Ural Mountains

BRAHMS, JOHANNES, 1833-1897

History of the creation of the first piano concerto by J. Brahms. L. E. Brumberg. Trudy Gos. muz.-ped. inst. no. 2:197-206 '61.

BRAIN

Changes in the electric activity of the pigeon brain under the effect of various stimuli [with summary in English]. N. V. Frolkova. Fiziol. zhur. [Ukr.] 8 no. 1:78-85 Ja-F '62.

Changes in the principal human cortical processes depending on age and under the effect of small concentrations of harmful chemical substances. Iu. I. Vasilenko. Vrach. delo no. 1:130-133 Ja '62.

Comparative importance of the modi of phylogembryogenesis in the evolution of the brain [with summary in English]. G. Z. Levin. Arkh. anat. gist. i embr. 42 no. 2:3-11 F '62.

Comparative physiological characteristics of the effect of the sympathetic nervous system on the electrical activity of the brain. T. N. Soilertinskaia. Fiziol. zhur. 48 no. 2:170-187 F '62.

Detection of antibodies to the brain in the blood serum of patients with neuropsychiatric diseases [with summary in French]. N. I. Kuznetsova, S. F. Semenov. Zhur. nevr. i psikh. 61 no. 6:869-875 '61.

Effect of high degrees of atmospheric rarefaction on oxygen tension in the brain tissues. E. A. Kovalenko. Fiziol. zhur. 48 no. 2:150-153 F '62.

Effect of whole-body X irradiation on the concentration, composition, and structural viscosity of desoxyribonucleic acid in the brain of baby rabbits [with summary in English]. G. S. Vasadze, M. E. Kakulia. Trudy Inst. fiziol. AN Gruz. SSR 12:193-198 '61

Electrical activity of the brain in reactive states in children and adolescents. G. N. Pivovarova. Vop. psikh. no. 4:290-299 '60.

Evolution of the posterior colliculi of the corpora quadrigemina [with summary in English]. G. Z. Levin. Arkh. anat. gist. i embr. 41 no. 7:21-27 Jl '61.

Experimental studies on the higher sections of the brain in a sick child and in one convalescent from angina as applied to problems in the hygiene of the nervous system. E. Kh. Ganiushina. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. 8:65-71 '61

Frontal lobe and the schizophrenic syndrome [with summary in English]. S. Biakha. Zhur. nevr. i psikh. 61 no. 11:1681-1687 '61

Investigation of the sensitivity of various divisions of a dog's brain with the help of cannular electrodes. A. IA. Mohyleva'kyi. Fiziol. zhur. [Ukr.] 8 no. 1:132-136 Ja-F '62.

Lobachevskii's geometry used in medicine. B. V. Ognev, G. D. Novinskii. IUn. tekh. 6 no. 2:16-17 '62.

N-acetyl-l-aspartic acid in the brain during the stimulation of the central nervous system. G. V. Aprikian. Dokl. AN Arm. SSR 33 no. 5:213-216 '61

Physiological nature of the bioelectric phenomena of the brain under the action of barbiturates. I. S. Robiner. Vop. psikh. no. 4:199-207 '60.

Role of subcortical formations in the bioelectric reactions of the cerebral cortex during acute radiation sickness. G. V. Izosimov. Radiobiologiia 1 no. 6:946-952 '61.

Role of the hippocampal convolution in the formation of temporary connections. M. A. Nutsubidze. Soob. AN Gruz. SSR 27 no. 6:765-770 D '61.

Sources of ammonia formation in the brain tissue [with summary in English]. E. E. Klein. Trudy Inst. fiziol. AN Gruz. SSR 12:153-161 '61.

Studying biochemical transformations of phosphoryl serine in the brain [in Georgian with summaries in English and Russian]. L. K. Tkeshelashvili, P. A. Kometiani. Trudy Inst. fiziol. AN Gruz. SSR 12:163-173 '61.

BRAIN—ABSCESS

Amount of protein and protein fractions in the blood serum in otogenic encephalitis and abscesses of the brain. K. D. Miravizov, G. A. Feigin. Med. zhur. Uzb. no. 9:33-35 S '61

Method of inducing experimental abscesses of the brain. A. V. Let'en, N. S. Gracheva. Arkh. pat. no. 2:82-83 '62

Multiple abscesses of the brain following tonsillectomy. M. IA. Berdichevskii. Vest. otorin. no. 2:105-106 '62

Otogenic abscess of the parietal lobe of the brain resulting in serous meningoencephalitis. M. S. Rozenblat. Vest. otorin. no. 2:104-105 '62

BRAIN—BLOOD SUPPLY

Regulatory mechanisms of cerebral circulation. Report No. 1: Role of regional brain arteries (internal carotid and vertebral arteries) [with summary in English]. G. I. Mchedlishvili. Trudy Inst. fiziol. AN Gruz. SSR 12:121-136 '61.

Temporary cessation of the brain's blood supply [with summary in English]. A. L. Mikaelian, V. IU. Ostrovskii, E. I. Studnikova. Grud. khir. no. 5:48-52 '61.

BRAIN—CANCER

Cerebral metastatic cancer of hypophysial origin [with summary in French]. V. R. Kalkun. Zhur. nevr. i psikh. 61 no. 11:1624-1629 '61.

BRAIN—DISEASES

Characteristics of reactively conditioned mental disorders in patients with vascular diseases of the brain. N. N. Lebedeva. Probl. sud. psikh. 9:202-207 '61.

Chronic hallucinations in organic brain diseases. E. IA. Shternberg. Vop. psikh. no. 4:273-283 '60.

Decompression sickness [with summary in French]. R. G. Briantseva. Zhur. nevr. i psikh. 61 no. 6:860-861 '61.

Effect of verbal instructions on vegetable components of the orienting reflex in various local brain disorders. Report No. 3. Verbal regulation of orienting reactions in frontal lobe disorders. E. D. Khomskaia. Dokl. APN 5 no. 2:103-107 '61.

Effect of verbal instructions on vegetative components of the orienting reflex in various local brain disorders. Report No. 4. Verbal regulation of orienting reactions in disorders affecting the back section of the cerebral hemispheres. M. Klimkovskii. Dokl. APN 5 no. 2:109-113 '61.

Electroencephalographic study of the relationship between the visual and auditory analyzers in patients with vascular diseases of the brain [with summary in French]. L. G. Makarova. Zhur. nevr. i psikh. 61 no. 5:807-814 '61.

Postintoxicating and postinfectious encephalopathy. D. D. Fedotov, i A. A. Portnov. Vop. psikh. no. 4:362-367 '60.

BRAIN – DISEASES (Continued)

Psychogenic development of delirium caused by an organic brain disease. V. P. Dubova. Probl. sud. psikh. 9:198-201 '61

Rhinogenic intracranial complications. A. O. Shul'ga, N. V. Mishen'kin. Vest. otorin. no. 2, 12-17 '62.

Rhinogenic intracranial complications. A. V. Zhukovich. Vest. otorin. no. 2 18-21 '62.

Salivation and sweating phenomena in the Wallenberg-Zakharchenko syndrome [with summary in French]. S. L. Levin. Zhur. nevr. i psikh. 61 no. 6 833-836 '61

Study of optimum methods for checking hypotheses in normal and pathological cases. Report No. 2. Disturbance of tactile recognition of complex images, experiment on a patient with local disorder of the parietal area. O. K. Tikhomirov. Dokl. APN 5 no. 5 89-92 '61

BRAIN—HEMORRHAGE

Convulsive syndrome in subarachnoid hemorrhages [with summary in English]. A. S. Kuznetsova. Sov. med. 25 no. 12:90-94 D '61

Disturbance in the functional activity of the brain in case of hemorrhage. M. I. Samoilov. Biol. v shkole no. 2: 96 Mr-Ap '62.

BRAIN—INFLAMMATION see Encephalitis

BRAIN—LOCALIZATION OF FUNCTIONS

Cortical zones of the specifically human analyzers. Iu. G. Shevchenko. Vop. antr. no. 5:3-18 '60

Evolution of the specifically human areas of the brain cortex in Hominidae. V. I. Kochetkova. Vop. antr. no. 7:14-22 '61.

BRAIN—SYPHILIS

Nonarsenical treatment of progressive paralysis and syphilis of the brain. A. S. Kosov. Vop. psikh. no. 4: 254-257 '60.

Reactive states arising in syphilis of the brain. N. I. Gorkavi. Probl. sud. psikh. 9:208-211 '61.

BRAIN—TUMORS

"Brain tumors." Reviewed by A. I. Arutiunov. Nov. khir. arkh. no. 3 105-107 My-Je '60

Change in venous pressure following removal of tumors of the brain and its membranes. M. Maksunov. Med. zhur. Uzb. no. 11:6-9 N '61.

Changes in vestibular and visual nystagmus in tumors and inflammatory diseases of the brain [with summary in French]. O. N. Gudina. Zhur. nevr. i psikh. 61 no. 11 1663-1667 '61.

Cholesteatoma. N. N. Vakulenko. Vop. psikh. no. 4: 354-361 '60.

Clinical aspects of deep-seated tuberculomas of the brain (type 2). Part 2. A. G. Tishin. Med. zhur. Uzb. no. 3: 45-49 Mr '60.

Frequency of epileptic manifestations in varied localization of brain tumors and their varied histological structure. D. K. Drobnokhodov. Vop. psikh. no. 4:132-140 '60.

General and local bioelectrical reactions in tumors of the brain from data of electroencephalography using functional stresses [with summary in French]. B. S. Ovsiannov. Zhur. nevr. i psikh. 61 no. 11 1599-1607 '61.

Reticulosarcomatosis with disorder of the brain and spinal cord. G. A. Galil-Ogly, K. K. Poroshin. Zhur. nevr. i psikh. 61 no. 11:1655-1657 '61

Significance of the use of different types of interrupted light stimulation in registering the electroencephalogram in brain tumors [with summary in French]. N. P. Bekhtereva. Zhur. nevr. i psikh. 61 no. 11:1609-1614 '61.

Some characteristics of changes in the otolaryngological organs caused by tumors of the posterior cranial fossa [with summary in English]. N. S. Bingoveshchenskaia. Vest. otorin. no. 4:80-86 '61.

Some characteristics of the clinical course of ependymomas and ependymoblastomas of the posterior cranial fossa in children. M. Kh. Karlev. Med. zhur. Uzb. no. 11:17-20 N '61.

BRAIN—WOUNDS AND INJURIES

Case of tetany developing following a brain injury. O. O. Kogan, S. K. Kalshibnov. Zdrav. Kazakh. 21 no. 10: 68-70 '61.

Diencephalovegetative disorders following closed cerebral trauma. R. P. Poltoratskii. Vrach. delo no. 1: 85-88 Ja '62.

Primary cranioplasty in a contaminated wound of the brain. V. A. Vovchuk, F. A. Filiuk. Nov. khir. arkh. no. 4: 112-113 Jl-Ag '60.

Some characteristics of the state of intoxication in individuals who have suffered craniocerebral injury. T. N. Gordova and others. Probl. sud. psikh. 9:324-354 '61.

State of the hematoencephalic barrier in people who have suffered a closed trauma of the brain, depending on the seasonal climatic conditions of Central Asia. N. D. Kuznetsov. Med. zhur. Uzb. no. 11:13-14 N '61.

Surgical methods in acute closed trauma of the brain. P. M. Panchenko. Voen.-med. zhur. no. 8:30-34 Ag '61

Traumatic encephalopathy. G. V. Arkhangel'skii. Fel'd. i akush. 26 no. 11:27-29 N '61.

Traumatic rupture of the spleen in combination with severe brain injury. G. K. Denisovskii, S. I. Klionskii, A. A. Pinvinskii. Zdrav. Bel. 7 no. 6:62 Je '61.

Use of novocaine intravenously in treating closed cerebrocranial trauma. A. M. Tatdoev. Voen.-med. zhur. no. 8:34-37 Ag '61

BRASS

Investigating the widening of brass during hot rolling. G. N. Krucher, Iu. K. Uzenev. Trudy Giprotsvetmetobrabotka no. 20 200-207 '61.

BRASS—COLD WORKING

Effect of strain hardening on the tendency of brass to undergo corrosion cracking. A. V. Bobylev. Trudy Giprotsvetmetobrabotka no. 20 238-243 '61

BRASS—HEAT TREATMENT

Effect of the size factor on the mechanical properties of L68 wire. K. K. Godelzian, G. S. Khanak. Trudy Giprotsvetmetobrabotka no. 20 187-199 '61

BRASS—TESTING

Testing automobile radiators made of arsenic brass. A. E. Gopius and others. Trudy Giprotsvetmetobrabotka no. 20 280-286 '61.

BRASS FOUNDING

Increasing the density of bronze and brass castings. A. D. Frolov. Konstr. i tekh. mash. no. 1:168-173 '61

BRASS INSTRUMENTS see Wind instruments

BRASSICACEAE—DISEASES AND PESTS see subdivison under Karelia

BRATSK—EXCAVATIONS (ARCHAEOLOGY)

Archaeological excavations of the Bratsk Fortress. A. V. Nikitin. Krat. soob. Inst. arkheol. no. 85:118-126 '61.

BRATSK—FORTIFICATIONS, OLD

Archaeological excavations of the Bratsk Fortress. A. V. Nikitin. Krat. soob. Inst. arkheol. no. 85:118-126 '61

BRATSK HYDROELECTRIC POWER STATION

Turbogenerator for the Bratsk Hydroelectric Power Station. Elektrostia no. 10 63-64 '60

BRAZIL—COMMUNIST PARTY

Dates, events, and people. Komm. Bel. 36 no. 3:73-76 Mr '62.

BRAZIL—HISTORY

Glinkin, A. N. [Recent history of Brazil, 1930-1959] Noveishaia istoriia Brazilii, 1930-1959 gg. Moskva, Izd-vo IMO, 1961. 402 p.

BRAZIL—PETROLEUM INDUSTRY

Struggle for Brazilian oil, letter from Rio de Janeiro. Lucio Araujo. Nov. vrem. 20 no. 11,28-29 Mr '62

BRAZIL—POLITICS AND GOVERNMENT

Struggle for Brazilian oil; letter from Rio de Janeiro. Lucio Araujo. Nov. vrem. 20 no. 11:28-29 Mr '62.

BRAZIL—SCIENTIFIC EXPEDITIONS

Mystery of the Fossett expedition. L. Vasilevskii. Vokrug sveta no. 2:47-49 F '62.

BREAD

Determining the moisture content in bread [with summary in English]. L. A. Kolesinskaia, D. D. Lichkova. Vop. pit. 21 no. 1:80-82 Ja-F '62.

Possible use of algal meal for raising the nutritive value of bread. N. N. Alfimov. Bot. zhur. 46 no. 11:1650-1654 N '61.

BREAKWATERS

Practical method of designing floating breakwaters in the form of a rectangular pontoon with extra buoyancy. N. I. Viazemskaia. Trudy LIVT no. 8:42-57 '60.

Wave damping by single breakwaters. I. A. Stepanov. Trudy LIVT no. 8:35-41 '60

BREAM see subdivision under Courland Lagoon

BREAST—CANCER

Late results of treatment of breast cancer. V. V. Kirillchik. Zdrav. Bel. 7 no. 12:56-57 D '61.

BREAST—DISEASES

Treating acute mastitis by electrophoresis and antibiotics. V. S. Chepovskii. Nov. khir. arkh. no. 1:84-87 Ja-F '60.

BREAST—RADIOGRAPHY

Mastopathy observed by X rays. E. D. Fastykovskaia. Vest. rent. i rad. 36 no. 6:49-50 N-D '61

X-ray semiotics in breast diseases. Z. V. Rudnitskaia, M. P. Ishchenko. Vest. rent. i rad. 36 no. 6:47-49 N-D '61.

BREAST—TUBERCULOSIS

Tuberculosis of the breast. E. N. Loginov. Probl. tub. no. 2:97-98 '62.

BREAST—TUMORS

Differential X-ray diagnosis of malignant and benign breast tumors. N. N. Brazhnikov. Vest. rent. i rad. 36 no. 6:45-47 N-D '61.

BREATHING see Respiration

BREATHING APPARATUS see Respirators

BRECCIA see subdivision under Altai Territory, Ural Mountains

BREMSSTRAHLUNG

Bremsstrahlung spectrum of electrons with an energy of 260 Mev. Iu. M. Ado, K. A. Belovintsev, S. N. Stoliarov. Atom. energ. 12 no. 3 193-197 Mr '62

Calculation of the higher density moments of a nuclear charge in bremsstrahlung of a longitudinally polarized electron. F. S. Sadykhov. Vest. Mosk. un. Ser. 3: Fiz., astron. 17 no. 1 19-21 Ja-F '62

BREST—DRESSMAKING—STUDY AND TEACHING

People will praise their skillful hands. I. Sadouski. Rab. i stial. 37 no. 6:10-11 Je '61

BREST, BATTLE OF, 1941

The greatness of the deed. A. Krupennikov. Komm. Bel. 35 no. 6:16-19 Je '61

BREST-LITOVSK, TREATY OF, FEB. 9, 1918 (UKRAINE)

The Treaty of Brest-Litovsk in the studies of American and English bourgeois historians. A. O. Chubar'ian. Vop. ist. no. 3 159-168 Mr '62

BREST PROVINCE—SPRUCE

Valuable form of spruce (Picea excelsa var. acuminata Beck.) growing at the southern boundary of its range in the White Russian S. S. R. E. G. Orlenko. Dokl. AN BSSR 6 no. 2:125-126 F '62.

BREWING

Antibiotic properties of hops and their application in brewing. A. M. Kormushkina. Izv. vys. ucheb. zav., pishch. tekh. no. 6 96-99 '61

BRIBERY

Kiselev, IA. S. [Extortionists] Vymogateli. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 45 p. (Iz zala suda)

BRICK INDUSTRY

Gosudarstvennyi proektnyi institut po proektirovaniiu zavodov stroitel'nykh materialov. [Recommended number of workers in plants producing clay bricks] Tipovye shtaty rabochikh zavodov glinianogo kirpicha. Moskva, 1959. 221 p.

[MICROFILM]

BRICK WALLS

Studies of laminated vibrated brick slabs. P. Umniakov. Sel'. stroi. 16 no. 12:17 D '61.

BRICKS—STANDARDS

Specification of the standard for the methods of determination of brick strength. A. S. Dmitriev. Standartizatsiia 26 no. 2 40-41 F '62

BRIDGE CIRCUITS

Automatic bridges with an optimalizing control and phase selection of control actions. F. B. Grinevich. Izm. tekh. no. 2:30-32 F '62.

Increasing the sensitivity and precision of self-balancing bridges. V. I. Sergeev. Trudy Inst. mash. Sem. po toch. v mash. i prib. no. 16:29-30 '61.

BRIDGE CONSTRUCTION

Control joints made of polymer materials. L. Meshcheriakov. Avt. dor. 25 no. 2:17, 22 F '62.

Gumenskii, B. M., and G. F. Novozhilov. [Thixotropy of soil and its calculation in the construction of roads and road bridges] Tiksotropiia gruntov i ee uchet pri stroitel'stve avtomobil'nykh dorog i mostov. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961. 106 p.

BRIDGES—DESIGN see subdivision under Russia, Northern

BRIDGES, ARCHED see subdivision under Chalatike

BRILLS'S DISEASE see Typhus fever

BRIQUETS (FUEL)

Improving the manufacture technology in coal briquet plants. A. G. Shpakhler and others. Ugol' Ukr. 6 no. 2:17-19 F '62.

BRITHOLITE

Britholite from cinder and gehlenite containing rare earths. V. V. Lapina, N. N. Kurtseva, D. M. Kniazeva. Zap. Vses. min. ob-va 90 no. 6:727-731 '61.

BRITISH GUIANA—POLITICS AND GOVERNMENT

The real face of English colonizers. V. Prokop'ev. Mezhdunar. zhizn' 9 no. 4:122-123 Ap '62.

BRIUSOV, VALERII IAKOVLEVICH, 1873-1924

Grigor'ian, K. N. [V. IA. Briusov and Armenian poetry] V. IA. Briusov i armianskaia poeziia. Moskva, Izd-vo vostochnoi lit-ry, 1962. 132 p.

BRNO—EXHIBITIONS

Tractors exhibited at the Third International Fair of the Machinery Industry in Brno. G. G. Kolobov. Trakt. i sel'khozmash. 32 no. 3:42-46 Mr '62.

ACHING MACHINES
tomatic machine for face broaching of bushings. S S oltunov Avt prom. 28 no 2 38-39 F '62
tsev, P. G. [Broaching] Protiazhnye raboty. Moskva, sos. uchebno-pedagog. izd-vo Proftekhizdat, 1961. 54 p.

ACHING MACHINES—TESTING
estigating the rigidity of the bed of a horizontal roaching machine. E E Rabinovich. Stan i instr. 33 o.1:19-22 Ja '62

)ADCASTING see Radiobroadcasting

)DY DISTRICT—COLLECTIVE FARMS—ACCOUNTING
onomic work on the collective farms of Brody District ?. S. Matiuk Uchet i fin. v kolkhoz i sovkhoz 19 no 1 '7-28 Ja '62.

)MIDES
ienching of the radioluminescence of terphenyl solutions in dioxane by bromides. V I. Gueynin, V L l'al'roze. Opt. i spektr 12 no. 1:136-137 Ja '62

)MINE
romine and iodine in natural waters of the White Russian S. S. R. TS. A. Kagan, E A Gel'fer. Gidrokhim. mat. 31,86-94 '61
eactions of the substitution of halogen for mercury atom ombined with saturated carbon atom. Report No 4 nteraction between benzyl mercury chloride and bromine n carbon tetrachloride I P Beletskaia, O A Reutov, I. A Azizian Izv AN SSSR Otd khim. nauk no 2 223-27 F '62

)NCHI
fect of various modes of administration (inhalation and ublingual) of isadrine on bronchial permeability in hronic diffuse pulmonary diseases [with summary in English] M. S. Shneider, T. P. Krasnokutskaia, L. I. Polishchuk Sov med 25 no. 12,82-86 D '61

)NCHI—BLOOD VESSELS
istribution and anastomosis of bronchial arteries in dogs [with summary in English]. IU O Maksymuk Dop AN URSR no. 2:252-257 '62.

)NCHI—CANCER
ieriometastatic cancers in the spinal cord simulating Duchenne-Aran spinal amyotropia [with summary in French]. M. N Klingman, V D Kalinka Zhur nevr i sikh 61 no 11 1630-1635 '61

)NCHI—DISEASES
udy of the "bronchial tree" in pneumoconiosis in miners with summary in English] L. Brücknei, J. Rosmait Gig truda i prof zab no. 2 32-37 '62

)NCHI—EXPLORATION
gnificance of preoperative determination of the topography of subsegmental bifurcation of the bronchi for treating resections in pulmonary tuberculosis [with summary in English] F. Fischer and others Grud khir. 1 no. 1:54-67 Ja-F '62

)NCHI—FOREIGN BODIES
'oreign body long hidden in the right bronchus and simulating a tumor. V. S. Pogosov. Zhur. ush., nos i gorl. bol. 20 no. 6:84 N-D '60.

)NCHI—RADIOGRAPHY
onchography using a 10% solution of novocaine with antibiotics for anesthesia [with summary in English]. . S. Tapinskii. Grud khir no. 5:94-96 '61.
ronchoscopy and bronchography during anesthesia with controlled respiration. V. P. Filippov. Probl. tub. no. 2 43-48 '62.

)NCHI—SURGERY
ethod for treating the bronchus in radical operations on he lungs, clinical experimental work. Preliminary eport N. F. Mitriakov. Grud. khir 4 no 1:74-78 Ja-F '62.
astic surgery on the trachea and bronchi [with summary in English]. Jan Nowicki. Grud. khir. no. 5: 58-64 '61.

)NCHI—TUBERCULOSIS
apina, G. A. [Tuberculosis of the bronchi; diagnosis, clinical aspects, treatment] Tuberkulez bronkhov, diagnostika, klinika, lechenie. Moskva, Medgiz, 1961. 181 p. (DNLM)
uberculosis of the trachea and bronchi in children. M. V. Shesterina. Probl. tub. no. 2 38-42 '62.

)NCHI—ULCERS
rror in the diagnosis of a hepatobronchial fistula. A. L. Pkhakadze, E. M. Vovchenko Nov. khim. arkh. no. 1: 104-106 Ja-F '60.

ONCHOCELE see Goiter

ONCHOSCOPY
ronchoscopy and bronchography during anesthesia with controlled respiration V. P. Filippov. Probl. tub. no. 2, 43-48 '62.

Bronchoscopy under anesthesia combined with muscle relaxants and oxygen insufflation. M. M. Grinev Vest otorin. no 4:40-44 '61

Removal of ballotable foreign bodies in the trachea by means of bronchoscopic forceps with an electrical grip N. A. Mel'chinskii Zhur. ush., nos i gorl bol 20 no. 6:89 N-D '60.

BRONZE
Determination of internal stresses in BrKMts3-1 bronze rods and causes for the cracking of these rods in storage K K. Goderzian and others Trudy Giprotsvetmetobrabotka no. 20 167-186 '61

BRONZE—METALLOGRAPHY
Modification of low-forgeability BrOF7-0, 2 and BrOTS4-3 bronze by the addition of zirconium, titanium and boron D I. Lainer, I M Nikol'skaia. Trudy Giprotsvetmetobrabotka no 20 148-158 '61

BRONZE AGE
(see also subdivision under Aslanbek-Sheripovo region, Chuvashia, Dnieper Valley, Dzhambulskiy District, Europe, Eastern; Kistovodsk region, Lchashen; Rovenskiy District; Ural Mountain region)
On the work of sections of the Institute of Archaeology of the Academy of Sciences of the U.S.S.R. in 1958, Section of the Neolithic and Bronze Ages. V. I. Markovin Kratk. soob Inst arkheol no 84:136-142 '61.

BRONZE FOUNDING
(see also subdivision under Tomi Valley)
Increasing the density of bronze and brass castings. A D Frolov Konstr i tekh mash no. 1 168-173 '61

BRONZES see subdivision under Astrakhan, Georgia, Suzakskiy District

BRUCELLA
Characteristics of the properties of antibiotic-resistant types of Brucella [with summary in English] V. S. Uraleva. Antibiotiki 6 no. 9,46-51 S '61.
Determining Brucella types by differential staining. L. I. Datsevich. Veterinariia 39 no. 1:79-80 Ja '62.
Determining the sensitivity of Brucella to antibiotics using the paper disk method. K. D. Dzhalimov. Med. zhur. Uzb no 6:50-52 Je '60.
Survival of Brucella in the ripening and freezing of mutton. I. A. Kosilov, L. I. Seletskaia. Veterinariia 39 no. 1:63-64 Ja '62.

BRUCELLOSIS
Hemoculture, myeloculture, and complement fixation reaction in cold for antigen detection at various stages of brucellosis infection. V. M Medzhidov. Med. zhur Uzb. no 12:55-59 D '61
Influence of cortisone administered in doses depressing the reticuloendothelial system on the course of vaccinal process and intensity of immunity in brucellosis [with summary in English] P A Vershilova, N. A Grekova. Zhur. mikrobiol., epid. i immun 32 no 9:87-92 S '61.
Influence of revaccination on immunological changes in animals vaccinated with complex vaccines [with summary in English]. S. L. Borod'ko, L. G. Samsonovich. Zhur. mikrobiol., epid. i immun. 32 no. 9:12-17 S '61
Intravenous vaccine treatment of brucellosis in children. N. K. Talyzina. Kaz. med zhur no. 6,40-42 N-D '61.
Mitral defect of brucellar etiology. E. V. Ponomarev, V. D. Ivanova, V. M. Rusakov. Grud. khir. no. 5: 103-105 '61.
Reflex torsion spasm in a patient with brucellosis. A. V. Feizullaev, S S. Imanova Azerb. med zhur no. 11: 53-56 N '61.
Some aspects of the diagnosis of brucellosis. N. I. Tatishvili. Azerb. med. zhur. no. 8:89-90 Ag '61
Ways for studying the vaccine prophylaxis in brucellosis and for developing vaccinal strains. K P Studentsov Vest sel'khoz nauki [Kazakh.] 4 no 12:57-64 D '61

BRUCELLOSIS IN SHEEP
Immunobiologic reactions in lambs born of ewes vaccinated with strain 19. G. G. Cheremisin. Veterinariia 39 no. 1:31-33 Ja '62.

BRÜNN see Brno

BRUSHES, ELECTRIC—STANDARDS
Technological basis for the development of a new standard for electric brushes. O. G. Vegner Elektrichestvo no. 2:77-83 F '62.

BRYANSK—COMMUNITY CENTERS
What is on today's program in the House of Culture? A. Feigin. Mest. prom. i khud. promys. 3 no 1,16-17 Ja '62.

BRYANSK PROVINCE—LOOMS
Lipshits, N. V., ed. [Overall redesigning of the automatic AT-175-Sh loom; from the work practices of the Klintsy Fine Woolen-Cloth Factory named after the Komintern and of the Bryansk Woolen and Worsted Combine] Kompleksnaia modernizatsiia avtomaticheskikh tkatskikh stankov AT-175-Sh; iz opyta raboty Klintsovskoi tonkosukonnoi fabriki imeni Kominterna i Brianskogo kamvol'nogo kombinata. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1961. 85 p.

BRYANSK PROVINCE—PODZOL
Podzols of the Bryansk section of Polesye [with summary in English] L. S. Schastnaia, A. A. Khantuliev. Vest LGU 17 no 3:145-156 '62

BRYANSK PROVINCE—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS
History of the "United Military Unit of Guerrilla Fighters." I Kozlova Voen.-ist. zhur. 4 no 3 15-25 Mr '62

BUBONIC PLAGUE see Plague

BUCHNEV, VALERIAN KONSTANTINOVICH, 1899-1962
Professor V. K. Buchnev. Ugol' 37 no. 2:64 F '62.

BUCKWHEAT—FERTILIZERS AND MANURES
Effect of fertilizers on buckwheat yield in turf-Podzolic soils A. A. Kapitonov, I. P. Dobrynina Pochvy Ural i Povol no. 4:187-192 '60.

BUCKWHEAT—FROST RESISTANCE
Frost resistance of the sprouts of diploid and tetraploid buckwheat. E A. Zhebrak Biul Glav bot. sada no. 44 87-90 '61.

BUDGET
(see also subdivision under Kazakhstan, United States)
Aleksandrov, A. M., ed. [State budget of the U.S.S.R.] Gosudarstvennyi biudzhet SSSR. Moskva, Gosfinizdat, 1961. 560 p.
Fulfilling the budget of the fourth year of the seven-year plan in the most important task of financial organs V Garbuzov Fin. SSSR. 23 no. 1,3-10 Ja '62.
Lavrov, V. V., R. A. Kudriashov, and A. M. Shuvalov. [State budget] Gosudarstvennyi biudzhet. Moskva, Gosfinizdat, 1961. 239 p.
Main tendencies in the development of the present-day capitalist budget A. Antsimov. Fin. SSSR 23 no. 2: 81-89 F '62
National economic plan and state budget for 1962, and accountants' tasks. Bukhg. uchet 10 no. 1:1-4 Ja '62.
Russia (1917- R. S. F. S. R.) Ministerstvo finansov. [The state budget of the R. S. F. S. R. for 1962 and carrying out the state budget of 1960; report and closing address of the Minister of Finance of the R. S. F. S. R. I. I. Fadeev at the fifth session of the Fifth Supreme Soviet of the R. S. F. S. R., December 14 and 16, 1961. The law on the state budget of the R. S. F. S. R. for 1962] O Gosudarstvennom biudzhete RSFSR na 1962 god i ob ispolnenii Gosudarstvennogo biudzheta RSFSR za 1960 god. Doklad i zakliuchitel'noe slovo Ministra finansov RSFSR deputata I. I. Fadeeva na piatoi sessii Verkhovnogo Soveta RSFSR piatogo sozyva 14 i 16 dekabria 1961 goda. Zakon o Gosudarstvennom biudzhete Rossiskoi Sovetskoi Federativnoi Sotsialisticheskoi Respubliki na 1962 god. Moskva, Gosfinizdat, 1961. 36 p
Russia (1923- U. S. S. R.) Ministerstvo finansov. [The state budget of the U. S. S. R. for 1962 and carrying out the state budget for 1960. Report and closing address of the Minister of Finance of the U. S. S. R. V. F. Garbuzov at the seventh session of the Fifth Supreme Soviet of the U. S. S. R., December 6 and 8 1961. The law on the state budget of the U. S. S. R for 1962] O Gosudarstvennom biudzhete SSSR na 1962 god i ob ispolnenii Gosudarstvennogo biudzheta SSSR za 1960 god. Doklad i zakliuchitel'noe slovo Ministra finansov SSSR deputata V. F. Garbuzova na sed'moi sessii Verkhovnogo Soveta SSSR piatogo sozyva 6 i 8 dekabria 1961 g. Zakon Soiuza Sovetskikh Sotsialisticheskikh Respublik o Gosudarstvennom biudzhete Soiuza Sovetskikh Sotsialisticheskikh Respublik na 1962 god. Moskva, Gosfinizdat, 1961. 40 p.
State budget for 1962. N. D. Nikitin. Uchet i fin. v kolkhoz. i sovkhoz. 19 no. 1:23-25 Ja '62

BUFFING see Grinding and polishing

BUG VALLEY—MEERSCHAUM
Ferruginous sepiolites from Zaval'ye in the middle Bug Valley [with summary in English on p. 493]. E. N. Ushakova. Min. sbor. no. 14:327-331 '60.

BUGUL'MA—HIGHWAY TRANSPORT WORKERS
Collective supports young specialists. T. Garkev. Avt. transp. 40 no. 2:56 F '62

BUILDING
(see also subdivision under Bulgaria; Ingurl Hydroelectric Power Station; Kazakhstan; Leningrad)
Markov, D. A. [Technology and organization of building and assembling operations] Tekhnologiia stroitel'no-montazhnykh rabot. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 483 p.
Paramonov, G. A., ed. [Handbook for the master builder on the technology of general building operations] Spravochnik mastera-stroitelia po tekhnologii proizvodstva obshchestroitel'nykh rabot. 2. izd. pererab. i dop. [Novosibirsk] Novosibirskoe knizhnoe izd-vo, 1961. 713 p.
Rural construction in the winter. A. Birkengof. Sel'. stroi. 16 no. 12 insert 4 pages D '61.
Smirnov, B. K. [Methods for consolidating production norms in building operations] Metody ukrupneniia proizvodstvennykh norm na stroitel'nye raboty. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 122 p.

ILDING—ABSTRACTS

Journal of abstracts Construction and architecture. Ref. zhur.: Stroi. i arkhit. no. 1 '62.

ILDING—BIBLIOGRAPHY see Bibliography—Building

ILDING—DETAILS

Fastening partitions. Sel'. stroi. 16 no. 12:25 D '61

n the State Committee on Construction of the U. S. S. R. Sel'. stroi 16 no. 12:27 D '61.

Mold for manufacturing window sills and crossplecces Stroi i arkhit. 9 no 12 20 D '61

ILDING—ESTIMATES

(see also subdivision under Estonia; Kuybyshev Province)

Zacharin, E. D., IA. L. Fishkov, and S. M. Epshtein. [Estimates for the construction of industrial enterprises] Smety na stroitel'stvo ob"ektov promyshlennykh predpriiatii. Pod red. V. I. Maliugina. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 167 p.

Procedure for compiling expenditure estimates connected with putting construction projects into operation K. I. Itovchenko, D. Dudnkov Ukon stroi. no 2, 57-58 F '62.

Raise the responsibility of intercollective farm organizations for overestimating output. F. Matveev. Den i kred 20 no. 2:81-82 F '62

Russia (1917- R. S. F. S. R.) Ministerstvo kommunal'nogo khoziaistva. [Instructions for drawing up plans and estimates for capital repairs of residential buildings] Instruktsiia po sostavleniiu proektnosmetnoi dokumentatsii na kapital'nyi remont zhilykh domov. Izd. 2. Utverzhdena prikazom po Ministerstvu kommunal'nogo khoziaistva RSFSR 6 iiunia 1960 g. No. 170 i soglasovana s Gosudarstvennym Komitetom Soveta Ministrov SSSR po delam stroitel'stva. Moskva, 1961. 54 p.

ILDING—EXHIBITIONS

At the Moscow Exhibition of New Building Technology. V. Kashin Zhil. stroi. no. 12 16a-16d '61.

ILDING—SAFETY MEASURES

Gorlatov, V. I. [Accident and fire prevention in construction and assembly work] Tekhnika bezopasnosti i protivopozharnaia tekhnika na stroitel'no-montazhnykh rabotakh. Izd. 4., perer. i dop. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 324 p.

ILDING—TECHNOLOGICAL INNOVATIONS

Effective form of spreading information about new methods and introducing them into production. A. A Pichugin Izv. vys. ucheb. zav. stroi. i arkhit 4 no 6:174-175 '61.

[Innovators in the seven-year plan; people with work achievements] Zachinateli novogo v semiletke; liudi trudovogo podviga. [Moskva] Izd-vo VTsSPS Profizdat. (Massovaia biblioteka rabochego)
No. 7. 1961. 60 p.

ILDING, FIREPROOF

Roitman, M. IA. [Fire-prevention measures in building] Pozharnaia profilaktika v stroitel'nom dele. Izd. 2., perer. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1961. 367 p.

ILDING, UNDERGROUND see Underground construction

ILDING, WOODEN

Karlsen, G. G., ed. [Wooden structures] Dereviannye konstruktsii. Izd. 3., perer. i dop. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 642 p.

ILDING MACHINERY

Moscow. Vystavka dostizhenii narodnogo khoziaistva SSSR. [Catalog of new building machinery recommended for use] Al'bom-katalog novoi stroitel'noi tekhniki, rekomenduemoi k vnedreniiu. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam.
No. 6. [Building and road machinery. Equipment for small-scale mechanization] Stroitel'nye i dorozhnye mashiny. Sredstva maloi mekhanizatsii. 1961. 104 p.

ILDING MACHINERY—EXHIBITIONS

New building machinery and equipment. G. Fedorov, N. Kanluka. Stroi. i arkhit. 9 no. 12:34 D '61.

ILDING MACHINERY—MAINTENANCE AND REPAIR

(see also subdivision under Kazakhstan)

Akademiia stroitel'stva i arkhitektury SSSR. Institut

[illegible] stroitel'nykh materialov. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 30 p.

ILDING MACHINERY—TECHNOLOGICAL INNOVATIONS see subdivision under Kamyshin

ILDING MACHINERY—TESTING

Device for testing tackle. L. A. Tkachenko. Mont. i spets. rab. v stroi. 23 no. 12:9-11 D '61.

BUILDING MATERIALS
(see also subdivision under Estonia, Kazakhstan, Virgin Territory)

Cretaceous sediments of the Volyn-Podolian Plateau and possibilities of their exploitation in the building industry S. I. Pasternak, S. P Kotsiubyns'kyi Nauk zap. Nauk.-pryrod. muz AN URSR 9 31-34 '61

Device for determining the coefficients of heat conductivity of light concretes and other building materials. A. S. Epshtein. Trudy Zap.-Sib. fil ASIA no 3 42-50 '60.

[Handbook on the manufacture of structural ceramics] Spravochnik proizvodstvu stroitel'noi keramiki. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam.
Vol. 1. [General information and production control] Obshchie svedeniia i kontrol' proizvodstva. Pod red. M. O. IUshkevicha. 1961. 404 p.

Lebedev, V. I. [Local building materials; a practical manual] Mestnye stroitel'nye materialy; prakticheskoe posobie. Moskva, Izd-vo TSentrosoiuza, 1961. 98 p.

Magnushevskii, M., comp. [Durable building materials] Prochnye stroitel'nye materialy. [Moskva] Mosk rabochii, 1961. 82 p.

[Manual on the manufacture of construction ceramics] Spravochnik po proizvodstvu stroitel'noi keramiki. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam.
Vol. 2. [Ceramics for trim and special purposes] Oblelochnaia i spetsial'naia stroitel'naia keramika. Pod red. D. N. Polubotarnova i V. L. Baikevicha. 1961. 640 p.

Method of studying the structure of polymeric and porous building materials. A. G. Zaitsev, V. S. Fadeeva, N. V. Kopchikova. Sbor. trud VNIINSM no. 4:4-12 '61

Results of studying the salt form of physical corrosion of building materials. A I Minas Trudy Kazakh fil. ASIA no. 2 84-104 '60

Two set of instructions on the manufacture, assembly, and protection from corrosion of building elements made of aluminum alloys V S Kornienko Mont. i spets. rab v stroi. 23 no. 12 30 D '61.

BUILDING MATERIALS—TESTING

Deformability and anisotropy of plastic dispersed masses. V. A. Fadeeva. Sbor trud. VNIINSM no. 4:13-21 '61.

Preparation of transparent and polished thin sections of new building materials. B. N. Vinogradov, N. K. Shlepova. Sbor trud. VNIINSM no 1:114-120 '61.

BUILDING MATERIALS—THERMAL PROPERTIES

Automatic instrument for determining the coefficient of heat conductivity of building materials and heat insulating materials. B V. Spektor, V. I. Riazantsev, G. A Kozachenko. Zav. lab. 28 no 1 104-105 '62.

BUILDING MATERIALS—TRANSPORTATION

Motor vehicles for the transportation of building materials. IU. Vlasko. Avt. transp. 40 no. 3 26-28 Mr '62.

Motortruck for the transportation of building mortar. E. Indikt, V. Sobolev Avt. transp 40 no. 3 35 Mr '62.

BUILDING MATERIALS INDUSTRY
(see also subdivision under Armenia, Kazakhstan)

"Collected regulations and instructions on safety measures in enterprises producing building materials" by I Babichinskii and others. Reviewed by O. Monko, S. Shtepa Bez. truda v prom 6 no. 1:30 Ja '62

BUILDING MATERIALS INDUSTRY—SAFETY MEASURES

Antonov, P. I. [Safety regulations for workers in the manufacture of roof-sheeting materials (ruberoid)] Pamiatka po tekhnike bezopasnosti dlia rabochikh po proizvodstvu ruberoida. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 12 p. (Tekhnika bezopasnosti v promyshlennosti stroitel'nykh materialov)

Antonov, P. I. [Safety regulations for workers in the manufacture of tar roofing felt] Pamiatka po tekhnike bezopasnosti dlia rabochikh po proizvodstvu tolia. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 11 p. (Tekhnika bezopasnosti v promyshlennosti stroitel'nykh materialov)

BUILDING STONES

Ways to lower the net cost of stone, crushed stone, gravel, and sand for construction. A. I. Dain and others. Sbor. trud. NIIZhelezobetona no 3:147-156 '60.

BUILDING TRADES—STUDY AND TEACHING

Examination tasks for graduating students. A. Doronin. Prof.-tekh. obr. 19 no 2:16 F '62.

Let's work in a new school in the new way. N. Lobanov. Prof.-tekh. obr. 19 no. 2:6 F '62.

Study room of a construction school. A. Valgachev. Prof.-tekh obr. 19 no. 2:8-9 F '62.

BUILDINGS—REPAIR AND RECONSTRUCTION

Dul'kin, I. M., and G. K. Shchitov. [Repairing and finishing facades of buildings in winter] Remont i otdelka fasadov zdanii v zimnikh usloviakh. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 68 p. (Peredovoi opyt novatorov stroitel'nogo proizvodstva)

BUILDINGS, INDUSTRIAL see Industrial buildings

BUILDINGS, PREFABRICATED

Helicopter moves a room Nauka i zhyttia 11 no 12 32-33 D '61.

Transformer substations made of three-dimensional elements V Reznichenko, E Sedeleva Stroi. i arkhit. 9 no. 12 32-33 D '61.

BUKHARA—EDUCATION

Development of public education in the Bukhara People's Soviet Republic during the years 1920-1924. A. Uralov Obshchestv nauki v Uz no. 3, 24-30 '61.

BUKHARA—FIREMEN

Stronger than fire L Efriushin Pozh. delo 8 no. 2:28 F '62.

BUKHARA—LAND—TAXATION

The land tax rate in Bukhara during the 19th century. O. D. Chekhovich. Obshchestv nauki v Uz. no 3:38-44 '61

BUKHARA—RELATIONS (GENERAL) WITH RUSSIA

How the great Russian people helped to develop the culture of the Bukhara People's Soviet Republic, 1920-1924. A Uralov. Obshchestv nauki v Uz. no 12 45-49 '61

BUKHARA OASIS—WALLS

On the time of the erection of the Kampyr-Duval wall in the Bukhara Oasis. O. V. Obel'chenko Trudy TashGU no. 172:11-31 '60.

BUKHARA PROVINCE—ARCHAEOLOGY—RESEARCH

Work of the Institute of History and Archaeology of the Academy of Sciences of the Uzbek S S R. L. I. Al'baum Obshchestv nauki v Uz. no 12 55 '61

BUKHARA PROVINCE—COLLECTIVE FARMS

"Victory of the collective farm system in Bukhara Province" by A. Sharipov. Reviewed by B. Knopov Obshchestv. nauki v Uz. no. 2:62-64 '61.

BUKHOVTSEV, ALEKSANDR NIKITICH, 1850-1897

A. N. Bukhovtsev and his works on methods; from the history of Russian piano pedagogics. E. P Mukurenkova. Trudy Gos. muz.-ped. inst. no. 2:149-178 '61

BUKHTARMINSK RESERVOIR

Malov, N. [The Bukhtarminsk Sea] Bukhtarminskoe more. Alma-Ata, Kazakhskoe Gos. izd-vo, 1961. 86 p. [MICROFILM]

BUKOVINA—AGRICULTURE—STUDY AND TEACHING

Our wonderful future. IA. I. Kanova'kyi. Rad. shk. 40 no. 2:34-35 F '62.

BUKOVINA—FIRE EXTINCTION—SOCIETIES, ETC.

Volunteer firemen of a Bukovina village M. Petrov Pozh delo 8 no 2 27-28 F '62.

BUKOVINA—HIGHWAY TRANSPORT WORKERS

Wall newspaper of the highway transport workers of Bukovina A. Al'tshul'. Avt. transp 40 no. 2:9-10 F '62

BUKOVINA—MARRIAGE CUSTOMS AND RITES

A wedding in the village of Podvornoye. I. P. Serdiuk Voiov ateist no. 2 32-34 F '62

BUKOVINA—TREES

Some results of the introduction of exotic trees in Bukovina. Z. K. Kostevich. Biul. Glav. bot sada no. 43:14-18 '61.

BUKOVINA—WALL NEWSPAPERS

Wall newspaper of the highway transport workers of Bukovina. A. Al'tshul'. Avt. transp. 40 no 2:9-10 F '62.

BULAYEVO—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

New activist group of the district committee. P. Batsula. Part. zhizn' Kazakh. 32 no. 2:45-47 F '62.

BULGARIA—AGRICULTURE

Closer to life and to industry. TSvetko Bozhkov Part zhizn' no. 6 65-68 Mr '62.

BULGARIA—AGRICULTURE, COOPERATIVE

Main tasks of planner—economists in agricultural cooperatives. Radko Gospodinov. Uchet i fin. v kolkhoz i sovkhoz. 19 no. 1:59-60 Ja '62.

BULGARIA—BIBLIOGRAPHY

[New literature on European people's democracies and Slavic studies: Bulgaria.] Nov. lit. po evrop. stran, nar. dem. i slav.: Bolg. no. 12 '60.

BULGARIA—BUILDING

The generation of builders. S. Murafov. Vokrug sveta no 5:33-35 My '61

BULGARIA—COMMUNIST PARTY

Closer to life and to industry. TSvetko Bozhkov. Part zhizn' no. 6 65-68 Mr '62.

BULGARIA—CONFLICT OF LAWS

"Private international law of the People's Republic of Bulgaria" [in Bulgarian] by Ivan Altunov. Reviewed by M. Boguslavskii. Sov. gos. i pravo no. 2:148-151 F '57.

BULGARIA—ECONOMIC CONDITIONS
Development and prosperity of the new Bulgaria. A. Sutulin Vneshn.torg. 42 no 2 41-44 '62.

Natan, Zhak. [History of the economic development of Bulgaria. Translated from the Bulgarian] Istoriia ekonomicheskogo razvitiia Bolgarii. Pred. i red. A. N. Kirshevskoi. Moskva, Izd-vo inostr. lit-ry, 1961. 498 p

BULGARIA—EDUCATION
Reorganization of education in the Bulgarian People's Republic V Bozarov Nar.obr. no 3 98-102 Mr '62

BULGARIA—EXCAVATIONS (ARCHAEOLOGY)
Soviet-Bulgarian archaeological expedition. Vest AN SSSR 32 no 2 108-110 F '62.

BULGARIA—FOREIGN RELATIONS—RUSSIA
The large and the small Nov. vremem 20 no 12 2 Mr '62

BULGARIA—FOREIGN RELATIONS—YUGOSLAVIA
"Bulgarian-Yugoslavian Pact of 1937 as the 'Bulgarian Munich'" [in Bulgarian] by P. Arsov Reviewed by I. S. Khetin Vop ist no 2 187-188 F '62

BULGARIA—GEOMORPHOLOGY
Geomorphological observations in Bulgaria. D. A Lilienberg, P. V Fedorov. Izv. AN SSSR. Ser. geog. no. 1 97-102 Ja-F '62

BULGARIA—HISTORY
"Liberation of Bulgaria from the Turkish Yoke. Source materials in three volumes Vol 1. The liberation struggle of the southern Slavs and Russia, 1875-1877." Reviewed by V. A. Zhebokrytskii. Ukr. ist zhur. 6 no. 2:129-130 Mr-Ap '62.

BULGARIA—HISTORY—BIBLIOGRAPHY
Akademiia nauk SSSR. Fundamental'naia biblioteka obshchestvennykh nauk. [Bulgarian history up to September 9, 1944; index of historical studies published in 1945-1958] Istoriia Bolgarii do 9 sentiabria 1944; ukazatel' literatury, 1945-1958. Sost. N. V. Busse, D. D. Ivanov i V. V. Noskov (Moskva) pri uchastii Bolgarskogo instituta im. Elina Pelina (Sofiia). Pod red. D. D. Ivanova. Moskva, Izd-vo Akad. nauk SSSR, 1962. 551 p.

BULGARIA—KINDERGARTEN—MUSIC
They love singing in Bulgaria! S. Chesheva. Doshk. vosp 35 no. 2:103-105 F '62

BULGARIA—LABOR AND LABORING CLASSES
Studying how the workers of Bulgaria use their time. Z. Staikov. Biul. nauch. inform. trud i zar plata 5 no 2,54-59 '62

BULGARIA—LIPS—CANCER
Data on the treatment of cancer of the lower lip in the People's Republic of Bulgaria [with summary in English]. V Krystev, V. Andreev, S. Kirov Vop. onk. 8 no. 1:93-98 '62.

BULGARIA—MILITARY EDUCATION
In the united ranks of the socialist countries. N. Georgiev. Voen. znan. 38 no. 1:20-21 Ja '62.

BULGARIA—REFORESTATION
Story of a forest. Sevar Zagorchinov. Vokrug sveta no 2:55 F '62.

BULGARIA—RELATIONS (GENERAL) WITH RUSSIA
"How the Bulgarian Communist Party defended the interests of Soviet Russia in 1917-1922" [in Bulgarian] by TS. Nikolov. Reviewed by M. A. Birman Vop ist no 2:169-171 F '62.

School club of international friendship. O. O. Bol'shoi. Rad. shk. 40 no. 2:41-44 F '62.

Visiting our Bulgarian friends. P Fomin Metallurg 7 no 3, 37-38 Mr '62.

BULGARIA—RUSSIAN NEWSPAPERS
Role of the newspaper "Pravda" in People's Bulgaria. G. M. Popov, M. I. Liedniev, G. D. Iordanov. Ukr. ist zhur. 6 no. 2:25-35 Mr-Ap '62.

BULGARIA—VETERINARY RESEARCH
Session devoted to the 60th anniversary of the Bulgarian Central Veterinary Institute for Infectious and Parasitic Diseases. IA. R. Kovalenko, V. S. Ershov. Veterinariia 39 no. 1:86 Ja '62.

Sixtieth anniversary of the Central Veterinary Institute for Infectious and Parasitic Diseases. I. Chenchev. Veterinariia 39 no. 1:86-87 Ja '62.

BULGARIAN LANGUAGE—DICTIONARIES—RUSSIAN
Chukalov, S. K. [Bulgarian-Russian dictionary 53,000 words] Bolgarsko-russkii slovar'. 53 000 slov. Izd. 3., ispr. i dop. Sofiia, Gos. izd-vo "Nauka i iskusstvo," 1960. 1191 p.

BULGARIAN STUDIES see subdivision under Ukraine

BULLS
Effect of ultraviolet rays on the reproductive function of bulls. N. Bodurov, G. Georgiev. Veterinariia 39 no. 1:54-56 Ja '62.

BULUNSKIY DISTRICT—ETHNOLOGY
The ethnic classification of the aboriginal population of the Bulunskiy District. I. S. Gurvich. Krat. soob. Inst. etn. no. 36:55-59 '62

BUNAK, VIKTOR VALERIANOVICH, 1891-
Honorary members of the Moscow Society of Naturalists. T. D Gladkova, M. F Nesturkh Vop. antr. no. 6, 139-143 '61

BUNAKOV, NIKOLAI FEDOROVICH, 1837-1904
Teachers' teacher. A. M. Gol'dina. Volog. krai no. 1: 142-152 '59

BUNGER HILLS REGION, ANTARCTICA—GEOLOGY
Grigor'ev, N. F. [Formation of the relief and frozen rocks in the coastal area of eastern Antarctica] Formirovanie rel'efa i merzlykh gornykh porod poberezh'ia Vostochnoi Antarktidy. Moskva, Izd-vo Akad. nauk SSSR, 1962. 147 p.

BUNIN, IVAN ALEKSEEVICH, 1870-1953
Bourgeois civilization on trial before Bunin I. D. Bazhynov Rad. lit 6 no 2 72-82 Mr-Ap '62

BURAKOV, IL'IA MIRONOVICH, 1891-
Professor Il'ia Mironovich Burakov, on his 70th birthday. A. I. Daikhes Vest otorin no 2 123 '62.

BURCHAK-ABRAMOVYCH, NIKANOR, Metropolitan
Dublians'kyi, A. [A thorny path; life of Metropolitan Nikanor Abramovych (on the occassion of the twentieth anniversary of his episcopature, 1942-1962)] Ternystym shliakhom, zhyttia Mytropolyta Nikanora Abramovycha (do 20-littia arkhypastyria'koho sluzhinnia, 1942-1962). London, Vydannia Heneral'noho TSerkovnoho Upravlenhia UAPTs v Velykii Britanii, 1962. 80 p.

BURDENKO, NIKOLAI NILOVICH, 1876-1946
Nikolai Nilovich Burdenko; on the 85th anniversary of his birth. I. A Zinov'ev. Fel'd. i akush. 28 no. 11: 33-38 N '61.

BURIAL see subdivision under Aruk-Tau Mountain region

BURMA—COOPERATIVE SOCIETIES
With the cooperative society workers of Burma. K Zh. Zharmukhamedov Koop Kazakh 4 no 2 59-63 F '61

BURMA—GEOGRAPHY
"In the land of eternal summer; essays on Burma" by N. I. Suchkov; "From the Bug to the Odor" by A K Timashev. Reviewed by A. Shibanova. Geog v shkole 25 no. 2:23 Mr-Ap '62.

BURMA—RELIGION, PRIMITIVE
Pre-Buddhist religious beliefs of the peoples of western and central Indochina. G. G. Stratanovich Krat. soob. Inst. etn. no. 36:60-68 '62

BURMESE AUTHORS see Authors, Burmese

BURNS AND SCALDS
Fate of auto- and homografts of the skin implanted in burn wounds in children [with summary in English]. E. N. IAroshevskaia. Vest khir. no. 12, 27-37 '61

Feeding by tube in treating patients with severe burns [with summary in English]. V. I. Filatov, T. I Golubev Vop. pit. 21 no 1 13-18 Ja-F '62

Hemorrhagic diathesis in burn disease [with summary in English] L. M. Kliachkin, V. I. Filatov Sov. med. 25 no 12:42-48 D '61.

Prevention and treatment of burn infections. R. A. Troitskii. Nov. khir. arkh. no. 4:109-110 Jl-Ag '60.

Treatment of burns in children (as revealed by data from foreign literature). N. D. Kazantseva. Ortop., travm. i protez no. 12 50-57 '61.

Treatment of burns with BPS [with summary in English]. A. A. IArosh. Vrach. delo no. 1:100-102 Ja '62.

Treatment of extensive burns. A. Kh. Khaldarov, S. M. Gaiaiko. Med. zhur. Uzb. no. 11:66-68 N '61

BURTSEVA, L.
"Guests of the Octobrists"; stories by L. Burtseva. A. TSvetov Reviewed by A. Losev Neva no. 8: 207-208 '61

BURYAT FOLK SONGS see Folk songs, Buryat

BURYAT FOLKLORE see Folklore, Buryat

BURYAT LANGUAGE
Russian scientists and the study of the Buryat language. U. -Zh. Sh. Dondukov. Kraeved. sbor no 6:125-130 '61

BURYAT LANGUAGE—DIALECTS
Programs in folklore and language. M. P. Khomonov. Kraeved. sbor. no. 6:148-151 '61.

BURYAT-MONGOLIA—ARCHERY
"Bai," U. -Zh. Sh. Dondukov, B. -N. TSyrenov. Etn. sbor. no. 1:130-132 '60.

BURYAT-MONGOLIA—ART, DECORATIVE
Buryat home decoration. A. V. Tumakhani. Etn. sbor. no. 1:123-126 '60.

BURYAT-MONGOLIA—CLIMATE
"Climate of the Buryat A. S. S. R" by V. M Zhukov Reviewed by B. V Bashkuev Kraeved sbor no 6 145-147 '61.

BURYAT-MONGOLIA—EROSION
Soil erosion by water and winds in the Buryat A. S. S. R. and zonal characteristics of erosion-preventing measures O. V. Makeev, A. D Ivanov Kraeved. sbor no. 6 15-24 '61.

BURYAT-MONGOLIA—ETHNOLOGY
Objectives of the Soviet ethnographic science and some problems concerning the ethnographic studies of the Buryat nation K. V. Vitkina Etn sbor no 1:6-9 '60.

BURYAT-MONGOLIA—ETHNOLOGY—CONGRESSES
The First Ethnographic Conference of Buryat-Mongolia. Etn sbor no 1,3-5 '60

BURYAT-MONGOLIA—FOOD INDUSTRY
Distribution of the production and consumption of foodstuffs in the Buryat A. S. S. R B. A Alushiev, G. Sh. Radnaev Kraeved sbor. no 6 54-69 '61

BURYAT-MONGOLIA—GALLINAE
Studying the feeding of gallinaceous birds in Buryatia G. K Borovitskaia Kraeved sbor no. 6 99-101 '61

BURYAT-MONGOLIA—NATURAL RESOURCES
Problems in the protection of nature in Buryatia B. R Bulantuev, B TS TSyrenov. Kraeved. sbor. no 6 3-14 '61.

BURYAT-MONGOLIA—SAND
Origin of aeolian sands and their control in the Buryat A S S. R A D Ivanov Kraeved. sbor. no. 6 25-42 '61.

BURYAT-MONGOLIA—SOCIAL LIFE AND CUSTOMS
Studies of the contemporary social conditions of the "old believers." G. I. Il'ina Etn. sbor no. 1,108-122 '60

BURYATS
(see also subdivision under Ivolga Valley)
Anthropological type of contemporary Buryats. I. M. Zolotareva. Vop. antr. no 5:98-108 '60.

Buryat families in the 19th century. I. A. Asalkhanov. Etn. sbor no. 1:68-83 '60.

The ethnic anthropology of the Buryats. I. M. Zolotareva. Etn sbor no 1:11-14 '60.

Sartuls. I. D. Buraev. Etn. sbor. no. 1:84-96 '60.

BURYATS—ANTHROPOMETRY
Differences of body proportions in Russians and Buryats with factor analysis of some measurements V. P. Chtetsov. Vop. antr. no. 6:113-120 '61.

Factor analysis of body and head dimensions of Russians and Buryats. V. P Chtetsov. Vop. antr. no. 5:83-97 '60.

BUSH PEA
Selecting a solvent for extracting alkaloids from the herb Thermopsis [with summary in English]. A. L. Dedneva. Apt. delo 10 no 6:19-24 N-D '61

BUTADIENE
Aromatic hydrocarbons. Part 22. Dimethylalkylbenzenes. Fumaric acid in diene synthesis. V R. Skvarchenko, R. IA Levina, R. P. Shibaeva. Zhur. ob. khim 32 no. 1: 111-113 Ja '62

Low octane straight-run gasoline decomposed by pyrolysis into butylenes, bivinyl, and aromatic hydrocarbons. T. N. Mukhina, G. F. Lesokhina, S. E. Rack. Khim. prom. no. 2:80-82 F '62

Synthesis of allyl and propargyl full esters of 1-alkylthio-2-hydroxydichlorophosphine-3-chloro-1, 3-butadienes I. I. Guseinov, G. S. Vasil'ev, M. F. Shostakovskii. Zhur. ob. khim. 32 no. 2, 378-379 F '62.

Synthesis of nitroaminobutadine derivatives. S. M. Kvitko, V. V Perekalin. Zhur. ob. khim. 32 no. 1:111-150 Ja '62.

Synthesis of saturated full esters of 1-alkylthio-2-hydroxydichlorophosphine-3-chloro-1, 3-butadienes. M. F. Shostakovskii, I. I. Guseinov, G. S. Vasil'ev Zhur. ob. khim. 32 no 2:375-377 F '62.

Synthesis of tetraalkyldiamides of 1-alkylthio-2-hydroxydichlorophosphine-3-chloro-1, 3-butadienes M. F. Shostakovskii, I. I. Guseinov, G. S. Vasil'ev. Zhur. ob. khim. 32 no. 2:380-381 F '62.

Synthesis of vinylcyclohexane and styrene from butadiene. IA. M. Paushkin, A. G. IUzviak Neftekhimiia 1 no 1, 60-64 Ja-F '61.

BUTANE
(see also subdivision under United States)
Alkylation of o-, m-, and p-cresols by 1, 4-dichlorobutane. E. A. Viktorova and others. Neftekhimiia 1 no. 5:648-652 S-O '61.

Gas- and liquid phase oxidation of n-butane. E. A. Blumberg, G. E. Zaikov, N. M. Emanuel'. Neftekhimiia 1 no. 2:235-243 Mr-Ap '61.

BUTANEBORONIC ACID
Heat of formation of n-butyl ester of di-n-butylboric acid. G. L. Gal'chenko and others. Zhur. ob. khim. 32 no. 1, 284-287 Ja '62.

TANEDIONE
Chromatographic determination of diacetyl in the products of liquid phase oxidation of n-butane [with summary in English]. G. E. Zaikov Zhur anal khim. 17 no. 1:117-120 Ja-F '62.

TENE
Low octane straight-run gasoline decomposed by pyrolysis into butylenes, bivinyl, and aromatic hydrocarbons T. N. Mukhina, G. F. Lesokhina, S. E. Itsek Khim prom. no 2:80-82 F '62.

Sulfuric acid alkylation of isobutane by butylenes using contactors with various feed systems E. G. Vol'pova and others Khim. i tekh. topl. i masel 7 no 3,13-17 Mr '62.

TENYNE
Kinetics and mechanism of butyllithium addition to vinylethylacetylene V. A. Kormer and others Zhur ob. khim. 32 no. 1:293-297 Ja '62.

TENYNE—DIPOLE MOMENTS
Rotational spectrum and dipole moment of the vinylacetylene molecule. G. A. Sobolev, A. M. Shcherbakov, P. A. Akishin. Opt. i spektr. 12 no 1:147 Ja '62

TENYNE—SPECTRA
Rotational spectrum and dipole moment of the vinylacetylene molecule. G. A. Sobolev, A. M. Shcherbakov, P. A. Akishin. Opt. i spektr. 12 no. 1:147 Ja '62.

TTERFAT
Ioannisian, S. L. [How the "Gorki Leninskie" Experimental Farm built a cattle herd producing much milk with a high butterfat content] Kak bylo sozdano vysokoproduktivnoe zhirnomolochnoe stado krupnogo rogatogo skota v "Gorkakh Leninskikh." Moskva, Izd-vo "Znanie," 1961 77 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 5, Sel'skoe khoziaistvo, nos. 23-24)

TYL RUBBER
Heat-resisting butyl rubbers. M. P. Barskova, V. E. Bresler, V. M. Morozova. Kauch. i rez. 20 no. 9:53-56 S '61.

UZULUK VALLEY—PINE
Age of maturity and cutting in the Buzuluk pine forests A. D Dudarev. Nauch zap. VLTI 23 35-49 '61.

YKHOV—COMMUNITY CENTERS
There is a "palace of culture" in the city of Bykhov. T. Petrov. Sov. deput. trud. no. 2:112 F '62.

YRON, GEORGE GORDON NOEL, 1788-1824—BIBLIOGRAPHY see Bibliography—Byron, George Gordon Noel, 1788-1824

ZANTINE EMPIRE—HISTORY
From the history of international relations in the Balkan Peninsula in the 12th century. A. P. Kazhdan. Vop. ist. no. 2:201-202 F '62.

ABBAGE
Some physical properties of head cabbage. A. M. Sofronov, IU. A. TSirlin. Izv. vys. ucheb. zav., pishch. tekh. no. 6:23-27 '61.

Vegetative hybridization of eggplants and cabbages. I. E. Glushchenko. Agrobiologiia no. 6:854-860 N-D '61

ABBAGE—FERTILIZERS AND MANURES
Various effects of cobalt salts, differing in their anions, on forage cabbage. A. I. Petrov. Trudy Kaz. fil. AN SSSR no. 20:50-58 '61.

ABINETWORK—EQUIPMENT AND SUPPLIES
Sorbul, G. I. [Equipment for cabinetwork] Prisposobleniia dlia obrabotki stoliarnykh izdelii. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1961, 15 p. (Obmen opytom raboty)

ABLES
Economic effectiveness in the use of poly (vinyl chloride) in the cable industry. IU. T. Livshits, N. P. Fedorenko. Plast. massy no. 2:56-58 '62.

ABLES—MEASUREMENT
Use of the IT measuring device for measuring the stress in steel cables. N. M. Boev. Energetik 10 no 2:35-36 F '62.

ADMIUM—ANALYSIS
New titrimetric method for the determination of cadmium [with summary in English]. A. S. Kozlov. Zhur anal. khim. 17 no. 1:132-133 Ja-F '62.

Use of amperometric titration in determining cadmium and nickel in an active mass of an alkaline storage cell. E. G. Novakovskaia Zav. lab. 28 no. 1 28-29 '62.

Use of square-wave polarography for determining cadmium and thallium in products of nonferrous metallurgy R. G. Pats. Zav. lab 28 no 1:16-20 '62.

ADMIUM ACETATE
Salts of organic acids. Part 4: Trinary system of sodium, potassium, and cadmium acetates. I. I. Il'inov. Zhur. ob. khim. 32 no. 2:347-349 F '62.

CADMIUM FERRATE
Optical and electronic paramagnetic resonance spectra of Yb^{3+} ions in cadmium ferrate. V. K. Koniukhov, P. P. Pashtnin, A. M. Prokhorov Fiz. tver. tela 4 no 1:246-248 Ja '62.

CADMIUM FLUORIDE CRYSTALS
Electronic paramagnetic resonance and spin-lattice relaxation of an Er^{3+} ion in a CdF_2 single crystal G. M. Zverev and others Fiz. tver. tela 4 no. 2 392-395 F '62

CADMIUM PLATING
New electrolyte for electrolytic cadmium plating M. F. Lerner, A. D. Galushko, R. M. Leshchiner Mashinostroenie no 1 74-75 Ja-F '62

CADMIUM SELENIDE CRYSTALS
Etch figures in cadmium selenide crystals R. V. Bakradze, I. A. Rom-Krichevskaia. Fiz. tver. tela 4 no 2 567-568 F '62.

CADMIUM SULFIDE CRYSTALS—ELECTRIC PROPERTIES
Experimental test of the causes of nonlinearity of the volt-ampere characteristics of the field emission from CdS single crystals I. L. Sokol'skaia, G. P. Shcherbakov. Fiz. tver. tela 4 no. 1:44-51 Ja '62.

CADMIUM SULFIDE CRYSTALS—SPECTRA
Fine structure of exciton absorption lines in cadmium sulfide single crystals. E. F. Gross, B. S. Razbirin Fiz. tver. tela 4 no. 1:207-212 Ja '62.

New type of alternating photoconductivity of cadmium sulfide crystals. V. F. Bibik, P. G Borisak Fiz. tver. tela 4 no. 1:296-297 Ja '62

Spectral distribution of edge luminescence excitation in CdS crystals. E. F Gross, B. S. Razbirin, R. I Shekhmametev. Fiz tver tela 4 no. 1:213-216 Ja '62

CADMIUM TITANATE CRYSTALS—ELECTRIC PROPERTIES
Internal electric fields in $NaTaO_3$ and $CdTiO_3$ crystals. V. N Liubimov, IU N Venevtsev, G S Zhdanov Kristallografiia 7 no 1 12-19 Ja-F '62

CAFFEINE
Condensation of 8-caffeine aldehyde with iodoalkylates of pyridine and quinoline bases B P. Lugovkin Zhur. ob. khim 32 no 2:452-454 F '62

CAISSON DISEASE see Decompression sickness

CALAVERITE see subdivision under Georgia

CALCITE CRYSTALS—GROWTH
Studying the effect of different agents on the rate of the monocrystalline growth of calcite. F. V. Syromiatnikov Zap. Vses. min. ob-va 90 no 6,697-699 '61.

CALCIUM
Inelastic scattering of 6.6 Mev. protons on Ca^{40} and Mn^{55} nuclei [with summary in English]. S. S Vasil'ev, E. A. Romanovskii, G. F. Timushev. Zhur. eksp. i teor. fiz. 42 no. 2:395-402 F '62.

CALCIUM—ISOTOPES
Growth and survival rate of carp tagged with radioactive calcium and the effect of tagging on heredity [with summary in English on page 272]. V. S. Kirpichnikov. Izv. GosNIORKH 51:255-265 '61.

CALCIUM ALUMINATE
Interaction between calcium aluminate and gypsum at high temperature. S. D Okorokov and others Zhur prikl. khim. 35 no. 2:258-263 F '62.

CALCIUM CARBIDE
Production of calcium carbide, electrical carbon and graphitized articles from the coke of shale tar. V. N. Krylov and others Khim. i tekh. gor. slan. i prod. ikh perer. no. 6:139-151 '60.

CALCIUM CARBIDE—ELECTRIC PROPERTIES
Electric conductivity of the batch of calcium carbide. R. Chugurian Prom. Arm. 5 no 2:32-36 F '62.

CALCIUM CARBONATE
Role of organisms in the precipitation of carbonates from natural waters. O. A Alekin, N. P. Moricheva. Gidrokhim. mat. 34:95-106 '61.

CALCIUM CYANAMIDE
Synthesis of amino alcohols from calcium cyanamide and propylene oxide. Part 8. A. E Kretov, I. S. Matveev. Zhur. ob. khim. 32 no. 2:471-473 F '62.

CALCIUM HYPOCHLORITE
Method for preparing basic (clarified) solutions of DT-SGK and calcium hypochlorite. N. I. Val'yachev Voen.-med. zhur. no. 8:85 Ag '61.

CALCIUM ORES
Improved selectivity of the flotation separation of carbonated calcium silicate ores. L. D. Rotobyl'skaia. Khim. prom. no 2:111-114 F '62.

CALCIUM OXALATE
Formation and significance of calcium oxalate crystals in plant cell. M. I. Savchenko, G. A. Komar. Trudy Bot. inst. Ser. 7 no. 5:86-106 '62.

CALCIUM PHOSPHATE
Decomposition of apatite in fluosilicic acid and the preparation of monocalcium phosphate S. IA. Shpunt and others. Khim prom. no 10:50-51 O '61

CALCIUM SILICATES
Conditions for obtaining a stable form of calcium β-orthosilicate without the use of special stabilizers [with summary in English]. V V. Manzhurnet, O O Starcheva'ka. Dop. AN URSR no. 2:223-225 '62.

CALCIUM SULFIDE
Solubility of calcium sulfide in calcium oxide - magnesium oxide - silica melts. A. S. Panov, I. S. Kulikov, L. M. TSylev. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 1:42-15 Ja-F '62.

CALCULATING MACHINES
Arithmetic calculator with increased computing speed. Z. L. Rabynovi Zhur. prakt. z obchys mat i tekh 3:76-83 '61.

Deduction of formulas for the calculation of monovariant reactions of multicomponent systems by means of standard calculating machines [with summary in English] L. L. Perchuk, E. I Zverovich. Geokhimiia no. 1 83-89 '62.

Min'kovskii, E. M. [Calculating machines and their use in accounting] Schetnye mashiny i ikh ispol'zovanie v bukhgalterskom uchete. Moskva, Gosstatizdat TsSU SSSR, 1961. 247 p.

CALCULI
Diagnosis and excision of calculi in the pancreas. A. G. Karavanov, L. N. Popov, V. M. Volchok. Kaz. med. zhur. no. 6 58-59 N-D '61.

Surgeon's tactics for stones in the pancreas. A. N. Machabeli Nov. khir. arkh. no. 1 12-18 Ja-F '60.

CALCULI, BILIARY
Calculous cholecystitis in a girl aged 11. N. K. Voitenok. Zdrav. Bel 7 no 6:61 Je '61

Cholelithic ileus N. K. Mitropol'skii. Nov. khir. arkh. no 1:113-111 Ja-F '60.

Comparative evaluation of the results of duodenal probing and cholecystography in calculous cholecystitis A. K. Khodzhimetov Med zhur. Uzb no 9,43-47 S '61

CALCULI, SALIVARY
Malfunction of the submaxillary salivary glands in sialolithic disease. V. S Kovalenko. Probl. stom 5: 266-273 '60.

Treatment of sialolithic disease of the submaxillary salivary glands V. S. Kovalenko. Probl. stom. 5:274-280 '60.

CALCULI, URINARY
Case of a stone in the ureter complicated by atrophy of the kidney. I. M. Priev. Med. zhur. Uzb no 11:71-72 N '61

Diagnosis and surgical treatment of bladder calculi [in Azerbaijani with summary in Russian]. R. A. Shakhbazov. Azerb. med. zhur. no. 8:30-46 Ag '61

Method for double contrasting of the renal cavities in diagnosing "invisible" calculi L. A. Idel'son. Vest. rent i rad. 36 no 4 82-83 Jl-Ag '61

"Surgical intervention in cases of stones of the kidneys and ureters" by I. P. Pogorelko Reviewed by A. A. Kolsman. Med. zhur. Uzb. no 11:73-75 N '61

CALCULUS, DIFFERENTIAL
Luzin, N. N. [Differential calculus] Differentsial'noe ischislenie. Izd. 2. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 477 p.

[Mathematical analysis; differentiation and integration] Matematicheskii analiz, differentsirovanie i integrirovanie. [By] I. G. Aramanovich i dr. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 350 p. (Spravochnaia matematicheskaia biblioteka)

CALCULUS, INTEGRAL
Asymptotic values of the coefficients of Cotes's quadrature formula N. P. Fedenko. Dokl. AN SSSR 6 no 1 7-9 Ja '62.

[Mathematical analysis; differentiation and integration] Matematicheskii analiz, differentsirovanie i integrirovanie. [By] I. G. Aramanovich i dr. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 350 p. (Spravochnaia matematicheskaia biblioteka)

CALCULUS, OPERATIONAL
Sholkovnikov, F. A., and K. G. Takaishvili. [Collection of exercises in operational calculus] Sbornik uprazhnenii po operatsionnomu ischisleniiu. Pod red. P. I. Kuznetsova. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 150 p.

Theory of operational calculus. A. P. Prudnikov. Dokl. AN SSSR 142 no 4:794-797 F '62.

CALCULUS OF DIFFERENCES see Difference equations

CALCULUS OF TENSORS
Determination of Green's tensor for a shallow shell on an elastic base [with summary in English]. E. N. Fradlin, S. M. Shakhnovs'kyi. Dop AN URSR no 1,23-26 '62.

CALCULUS OF VARIATIONS
Three theorems on the strong minimum in the classic variational problem. V. F. Krotov. [Trudy] MVTU no. 104:42-53 '61.

CALENDAR

Strel's'kyi, V. I., and P. H. Tytarenko. [The calendar; determination of time by various peoples of the world] Kalendar vyznachennia chasu u riznykh narodiv svitu. Kyiv, 1961. 43 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 2, no 9)

CALENDARS

A coin-like calendar. T. N. Sentgova. Trudy Inst. ist., arkheol i etn. AN Kazakh SSR no 12:41-47 '61.

CALIPERS

Measuring the mean diameter of large-size internal buttress threads. N. V. Sergeev. Izm. tekh. no 2:8 F '62.

CALLISTHENICS

Methods for industrial callisthenics on tea plantations. A. V. Dokvadze. Teor. i prak. fiz. kul't. 24 no. 10 769-771 '61.

Review contest for industrial callisthenics. G. N. Zakharchenko. Teor. i prak. fiz. kul't. 24 no. 10:771-772 '61.

CALLUS

Morphology of calluses in experimental fractures at different periods following general roentgen irradiation. F. M. Golub, A. I. Britun. Med. zhur. Uzb. no. 12 53-55 D '61.

CALORIMETERS

Choice of a network for the automatic control of a calorimeter. O. A. Gerashchenko and others. Shor. trud. Inst. elektrotekh. AN URSR no. 10:27-37 '61.

Problem concerning the design of a differential calorimeter for magnetic measurements. V. P. Karpenko, G. I. Liubchenko. Shor. trud. Inst. elektrotekh. AN URSR no. 18:96-101 '61.

CALORIMETRY

Method of measuring the blackness factor of solids under temperatures ranging from 100°C to 500°C. S. G. Agababov. Teploenergetika 9 no 3,71-72 Mr '62.

CAMBODIA—DESCRIPTION AND TRAVEL

Magic of the Orient. B. Efimov. Ogonek 40 no. 7:23-24 F '62.

CAMBODIA—FOREIGN RELATIONS

Cambodia defends its neutrality. A. Kushnir. Az. i afr. sovr. no. 2 57-58 F '62.

CAMERAS

Maizenberg, I. S. [Mechanism and repair of cameras] Ustroistvo i remont fotoapparatov. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1961. 317 p.

CAMERAS—EQUIPMENT AND SUPPLIES

Side viewfinder. R. Zaboronok. Sov. foto 22 no. 3 40 Mr '62.

CAMERAS—REPAIRING see subdivision under Leningrad

CAMPHORSULFONIC ACID

Use of the ganglion-blocking compound arfonad during surgical operations. V. P. Osipov. Nov. khir. arkh. no. 4,59-64 Jl-Ag '60.

CAMPION—THERAPEUTIC USE

Effect of a tincture of Silene latifolia on gastric secretion. B. P. Konik. Zdrav. Kazakh. 21 no. 5:39-42 '61.

CAMS

Theoretic and experimental study of the cam system of KZAM-160 automatic mechanisms. IA. L. Cherniavskii. Trudy KHIIT no. 41:37-47 '61.

CAMS—TESTING

Mechanism of the device used for determining errors in manufactured cam profiles. IU. P. Borenshtein. Izv. vys. ucheb. zav.; prib. 5 no. 1:106-100 '62.

CAN OPENERS

Useful device. B. Aleshin. Mashinostroitel' no. 2:26 F '62.

CANADA—COPPER INDUSTRY—BY-PRODUCTS

Steel production from waste slags of copper smelting plants [from "Journal of Metals," no. 2, 1961]. V. Beregovskii. TSvet. met. 35 no 2:96 F '62.

CANADA—DESCRIPTION AND TRAVEL

"Money is lying to the right" by V. Osipov. Reviewed by V. Elagin. Vokrug sveta no. 4:63 Ap '61.

CANADA—INDUSTRIES

Agranat, G. A., A. B. Kuprianov, and V. F. Puzanova. [Industry and transportation in the American North] Promyshlennost' i transport Amerikanskogo Severa. Moskva, Izd-vo Akad. nauk SSSR, 1962. 270 p.

CANADA—INVESTMENTS, AMERICAN

Canada as a supplier of strategic raw materials to the U. S. A. IU. Riglin. Mir. ekon. i mezhdunar. otn. no. 3: 120-128 Mr '62.

CANADA—RELATIONS (GENERAL) WITH RUSSIA

Kulyk, I. IU. [Notes of a consul] Zapysky konsula. Kyiv, Radians'kyi pys'mennyk, 1958. 237 p.

CANADA—STRATEGIC MATERIALS

Canada as a supplier of strategic raw materials to the U. S. A. IU. Riglin. Mir ekon i mezhdunar otn no 3, 120-128 Mr '62

CANADA—TRANSPORTATION

Agranat, G. A., A. B. Kuprianov, and V. F. Puzanova. [Industry and transportation in the American North] Promyshlennost' i transport Amerikanskogo Severa. Moskva, Izd-vo Akad. nauk SSSR, 1962. 270 p.

CANCER

(see also subdivision under Karelia, Latvia)

Antineoplastic activity of β-p-di(2-chloroethyl) aminophenyl-β-alanine (β-sarcolysin) [with summary in English] V. I. Trusheikina. Vop. onk. 7 no 7 17-21 '61.

Change in the biological properties of the Brown-Pearce tumor following prolonged cultivation in chick embryos [with summary in English]. T. M. Muevskaia. Vop. onk. 7 no. 7 24-28 '61.

Chromosomal composition of human cancer cells [with summary in English]. Wu Min. Vop. onk. 7 no. 7 9-16 '61.

Clinical evaluation of telegammatherapy of malignant tumors in the late stages. R. V. Konevalov. Vop. onk. 8 no 1:102-106 '62.

Combination of leukemia and cancer (three observations). A. G. Varshavskii. Vop. onk. 8 no 1,87-92 '62.

Current status of the problem of the viral etiology of malignant tumors in man. A. D. Timofeevskii. Vop. virus. 6 no 6 643-650 N-D '61.

Data on the study of drugs used in Chinese popular medicine for treating hypertension, nephritis, diabetes and cancer. Report No 2. G. K. Nikonov and others. Apt. delo 10 no. 6:73-78 N-D '61.

Effectiveness of the decolorization reaction of methylene blue in malignant neoplasms. A. S. Gazarian. Azerb. med. zhur. no. 8:61-62 Ag '61.

Hemagglutination reaction with Brown-Pearce tumor antigens [with summary in English]. R. M. Radzikhovskaia, A. M. Gardashlian. Vop. onk. 7 no 7,21-24 '61.

Heterogenic antigens of mouse carcinoma MAP. I. S. Bashkaev, M. N. Boeva. Vop. onk. 8 no 1:45-46 '62.

Immunodiagnostic tests in malignant growths in man. IU. N. Mel'kov. Vop. onk. 8 no 1:107-117 '62.

Metastatic cancer of extramedullary localization [with summary in French]. D. I. Panfilov. Zhur. nevr. i psikh. 61 no. 11 1636-1643 '61.

Some problems of modern radiobiology related to radiotherapy of malignant tumors. N. I. Shapiro. Radiobiologiia 1 no. 6:817-823 '61.

Spectral study of the luminescence of malignant tumors. A. V. Kariakin. Izv. AN SSSR. Ser. fiz. 26 no 1 94-99 Ja '62.

Urgent problems in the chemotherapy of malignant tumors. I. T. Shevchenko. Nov. khir. arkh. no 2:3-10 '62.

CANCER—CONGRESSES

Conference on the Diagnosis and Treatment of Precancerous Diseases, held in Kazan on June 7-9, 1961. I. B. Nagimov, N. M. Khaikinson. Kaz. med. zhur. no. 4: 118-120 Jl-Ag '61.

CANCER—DIAGNOSIS

Diagnostic value of Black's reaction. T. T. Glukhenkii, I. I. Sakharchuk. Vrach. delo no. 1,88-91 Ja '62.

Early diagnosis of malignant neoplasms. S. G. Chudina. Zdrav. Kazakh. 21 no. 6:21-24 '61.

Simple method of obtaining material for the cytological study of the endometrium. A. I. Stupko. Vop. onk. 8 no 1:121-123 '62.

CANCER RESEARCH

Slutskin, N. I. [Discorrelational-trophic determina- theory of cancer; dystrophic syndromes] Diskorrelatsionno-trofichoskaia determinatsionnaia teoriia rakovoi bolezni; distroficheskie sindromy. Pod red. V. I. Rybaka. Moskva, 1961. 71 p. (DNLM)

Synthesis of blood substitute polymers exhibiting the properties of inhibitors-antioxidants. S. N. Ushakov and others. Dokl. AN SSSR 143 no. 1 231-234 Mr '62.

CANCEROGENIC COMPOUNDS see Carcinogens

CANDIDA TROPICALIS

Characteristics of flavine synthesis by the yeast Candida tropicalis var. rhagii. G. M. Shavlovskii, E. M. TSarenko, I. S. Fiktosh. Dokl. AN SSSR 142 no. 4,940-943 F '62.

CANDIDOMYCOSIS see Moniliasis

CANNED FISH see Fish, Canned

CANNIBALISM (ANIMALS)

Cannibalism in carp larvae and fry [with summary in English]. O. I. Kudrins'ka. Dop. AN URSR no. 1:111-113 '62.

CANNING INDUSTRY—EQUIPMENT AND SUPPLIES see subdivision under Erivan

CANNING INDUSTRY—TECHNOLOGICAL INNOVATIONS see subdivision under Erivan

CAPACITY AND DISABILITY

Discussion. A. L. Leshchinskii and others. Probl. sud. psikh. 9:46-57 '61.

Forensic psychiatric examination in civil procedure. E. M. Kholodkovskaia. Probl. sud. psikh. 9:26-36 '61.

Incompetence of mental patients and its relation to problems of irresponsibility. N. E. Isaevich. Probl. sud. psikh. 9,37-45 '61.

Problem of responsibility in crimes conditioned by situational psychogenias. A. L. Epshtein. Probl. sud. psikh. 9,281-290 '61.

CAPILLARIES

State of the capillaries in mitral defect of the heart before and after commissurotomy. IU. M. Panova. Grud. khir. no. 5,39-41 '61.

CAPILLARIES—PERMEABILITY

Transport processes in systems connected by capillaries. D. N. Zubarev. Dokl. AN SSSR 143 no 1 74-77 Mr '62.

CAPITAL

Rotshtein, L. A. [Working capital in economic councils; organization and planning] Oborotnye sredstva v sovnarkhozakh, organizatsiia i planirovanie. Moskva, Gosfinizdat, 1961. 110 p. (MH)

CAPITAL INVESTMENTS

(see also subdivision under Kharkov Economic region)

Creating the material and technical foundation for communism and increasing the efficiency of capital investments. I. Tikhonov. Fin. SSSR 23 no. 2:18-25 F '62.

Volotilov, V. A. [Efficiency of capital investments in a socialist society, theoretical problems] Effektivnost' kapital'nykh vlozhenii v sotsialisticheskom obshchestve, voprosy teorii. [Leningrad] Izd-vo Leningr. univ., 1961. 160 p.

CAPITALISM

Development of capitalism in agriculture and industry after the reform of 1861. G. V. Abramovich. Prep. ist. v shkole. 17 no 2 41-50 Mr-Ap '62.

Monetary crises under the conditions of the general crisis of capitalism [with English summary in appendix]. L. Frei. Vnesh. torg. 42 no. 2 13-20 '62.

Moscow. Akademiia obshchestvennykh nauk. [Intensification of the decay of capitalism under the conditions of a new stage of general crisis] Usilenie zagnivaniia kapitalizma v uslovitiakh novogo etapa obshchego krizisa. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1961. 364 p.

Theory of the general crisis of capitalism. M. Draglev. Polit. samoobr. 6 no 2 23-33 F '62.

CAPSTAN

Electricians are studying in the compartment. M. Khialnovskii. Starsh.-serzh. no. 10 18-19 O '61.

CAR AXLES

Deviatkov, V. F. [Axle box with roller bearings of a reduced size for freight cars] Buksa s rolikovymi podshipnikami umen'shennykh gabaritov dlia gruzovykh vagonov. Moskva, Vses. izdatel'sko-politr. ob"edinenie M-va putei soobshcheniia, 1961. 15 p.

Latyshev, K. V., A. T. IAtsyno, and V. V. Dudin. [Repair and modernization of axle equipment with journal bearings] Remont i modernizatsiia buksovogo uzla s podshipnikami skol'zheniia. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 52 p.

CAR TRUCKS (RAILROADS)

Dolmatov, A. A. [Trucks with hydraulic shock absorbers for passenger cars] Telezhki s gidravlicheskimi dempferami dlia passazhirskikh vagonov. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 23 p.

CAR WHEELS

Some problems of the dynamics of the wheel pair in the passage over rail joints. M. B. Blokh. Vest. TSNII MPS 21 no. 1:8-12 '62.

CARAGANA

Regular features in the structural development of seedlings and juvenile plants of the Siberian pea tree (Caragana arborescens Lam.) [with summary in English]. E. A. Kondrat'eva-Mel'vil'. Bot. zhur. 46 no. 11 1609-1614 N '61.

CARBAMIC ACID

Hygienic evaluation of fruits from plants treated with derivatives of dithiocarbamic acid [with summary in English]. A. G. Khmaladze, P. I. Kapanadze, O. K. Rizhamadze. Vop. pit. 21 no 1:74-77 Ja-F '62.

New method of quantitative determination of 4-chlorobutynyl ester of the N-3-chlorophenylcarbamic acid. IU. A. Baskakov, M. B. Saporovskaia. Khim. prom. no. 10:46-47 O '61.

Reaction of diphenyl phosphorus trichloride and diphenyl phosphorus dichloride with urethan [with summary in English]. O. V. Kirsanov, A. S. Shtepanek, V. I. Shevchenko. Dop. AN URSR no. 1 63-65 '62.

CARBAMIC ACID—PHYSIOLOGICAL EFFECT

Effect of biologically active substances on the morphogenesis of some plants. N. A. Kozlova. Trudy Bot. inst. Ser. 7 no. 5:225-237 '62.

CARBANILIDE

Thiocarbanilide series. Part 4: Synthesis of asymmetric monohalothiocarbanilides. R. G. Dubenko. Zhur. ob. khim. 32 no. 2:626-628 F '62.

CARBENES

New method of preparing carbenes. O. M. Nefedov and others. Izv. AN SSSR Otd. khim. nauk no. 2:367 F '62.

Phenyl carbene from phenyllithium and methylene chloride. O. M. Nefedov, V. I. Shiryaev, A. D. Petrov. Zhur. ob. khim. 32 no. 2:662-663 F '62.

Reaction of dichlorocarbene with chloroprene. I. IA. D'iakonov, T. V. Nizovkina, T. A. Kornilova. Zhur. ob. khim. 32 no. 2:661-665 F '62.

CARBIDES

Determination of titanium, tantalum, and niobium in carbide compositions. V. G. Shcherbakov, Z. K. Stegendo. Biul. Inst. metallokeram. i spets. splav. AN URSR no. 6:80-82 '61.

CARBOHYDRASES

Study of the saccharolytic properties of Alcaligenes faecalis. F. I. Stovbun, M. M. Labinova, E. V. Biyzgunova. Lab. delo 8 no. 2:10-42 F '62.

CARBOHYDRATE METABOLISM

Carbohydrate function of the liver in congential defects of the heart. N. G. Zernov. Kaz. med. zhur. no. 6:11-13 N-D '61.

Carbohydrate metabolism in endarteritis obliterans. G. A. Aslanian. Nov. khir. arkh. no. 4:81-86 Jl-Ag '60.

Dynamics of the sugar content of sugar beet roots in connection with the metabolism of carbohydrates and nitrogen substances in checkrow cultivation. N. IA. Ignatova. Veat. sel'khoz. nauki [Kazakh.] 4 no. 12:35-50 D '61.

CARBOHYDRATES

Formation of penicillin through uninterrupted feeding of carbohydrates into fermentation media [with summary in English]. L. M. Turle, S. I. Alikhanian. Antibiotiki 7 no. 1:11-16 Ja '62.

CARBON

Interaction of certain chlorides with carbon materials. V. A. Okhlupov, A. N. Zotikova. Titan i ego splavy no. 5:251-253 '61.

Kinetics of carbon surface growth in the thermal decomposition on methane in the temperature range from 1400° to 1700° C. I. L. Mur'iasin, P. A. Tesner. Dokl. AN SSSR 140 no. 5:1121-1124 O '61.

Solubility of carbon in liquid ferrochrome and silicon chromium. M. S. Petrushevskii, P. V. Gel'd. Zhur. prikl. khim. 35 no. 2:233-242 F '62.

CARBON—ANALYSIS

Determination of the total carbon content of titanium tetrachloride. G. V. Serlakov, S. A. Vaks, I. M. Golovanov. Titan i ego splavy no. 5:201-204 '61.

CARBON—ISOTOPES

Mechanism of the Deminov reaction. O. A. Reutov, T. N. Shatkina. Dokl. AN SSSR 142 no. 4:835-837 F '62.

Tracer method determination of by-products in the synthesis of ethylcellosolv. M. R. Leonov, I. A. Korshunov. Zhur. ob. khim. 32 no. 1:208-212 Ja '62.

CARBON, ACTIVATED

Adsorption of diethylmercury by activated carbon. I. F. Zemskov, G. I. Sidel'nikova. Zhur. prikl. 35 no. 2:466-468 F '62.

Adsorption of tetraethyllead by activated carbon. I. F. Zemskov, G. I. Sidel'nikova. Zhur. prikl. khim. 35 no. 2:169-472 F '62.

Catalytic activity of birchwood carbon in the reaction of cyclohexane dehydrogenation. N. I. Shulkin, T. I. Naryshkina. Izv. AN SSSR. Otd. khim. nauk no. 2:320-324 F '62.

Increasing the gas adsorption of acetylene cylinders. I. I. Strizhevskii. Svar. proizv. no. 2:25-26 F '62.

CARBON DIOXIDE

Absorption of CO_2 and H_2S by water solutions of monoethanolamine. N. I. Gel'perin, V. Z. Grishko. Gaz. prom. 6 no. 12:46-51 '61.

Carbon dioxide content in the arterial blood and its diffusion in the lungs in rheumatic carditis. Report No. 2. D. A. Valimukhametova. Terap. arkh. no. 9:45-49 '61.

Impact compressibility of liquid nitrogen and solid carbon dioxide. V. N. Zubarev, G. S. Telegin. Dokl. AN SSSR 142 no. 2:309-312 Ja '62.

Method of determining the total amount of carbon dioxide in mineral waters. P. A. Kriukov, S. S. Zavodnov. Gidrokhim. mat. 34:114-118 '61.

CARBON DIOXIDE—SPECTRA

Light absorption in the band $\nu_3 = 2350\ cm^{-1}$ of CO_2 at T=1000-4000°K. V. N. Soshnikov. Opt. i spektr. 12 no. 1:123-127 Ja '62.

CARBON DIOXIDE—THERAPEUTIC USE

Use of carbon dioxide in the compound treatment of pyorrhea alveolaris. I. O. Novik and others. Probl. stom. 5:74-81 '60.

CARBON DISULFIDE

Reaction of carbon disulfide with sodium diethylphosphite. B. A. Arbuzov, E. N. Dianova, R. R. Shagidullin. Zhur. ob. khim. 31 no. 12:4015-4019 D '61.

CARBON ELECTRODES see Electrodes, Carbon

CARBON MONOXIDE

Composition of esters obtained in the synthesis from CO and H_2 on an iron-copper catalyst. M. F. Ulanova and others. Neftekhimiia 1 no. 5:653-660 S-O '61.

Kinetics of lead ferrite reduction by carbon monoxide. D. M. Chizhikov, T. E. Konyshkova. Dokl. AN SSSR 142 no. 6:1346-1349 F '62.

CARBON TETRACHLORIDE

Inhibitors of carbon steel corrosion in carbon tetrachloride. S. A. Balezin, V. M. Chistiakov. Dokl. AN SSSR 142 no. 2:416-418 Ja '62.

Photoreaction of carbon tetrachloride with dioxane. G. A. Razuvaev and others. Zhur. ob. khim. 31 no. 12:4057-4058 D '61.

CARBONATE ROCKS see Rocks, Carbonate

CARBONATED BEVERAGES

(see also subdivision under West Kazakhstan Province)

Sanitary evaluation of carbonated beverages (standards of bacterial contamination) [with summary in English]. G. I. IAvel'berg. Vop. pit. 21 no. 1:78-80 Ja-F '62.

CARBONATED DRINKS see Carbonated beverages

CARBONATED WATERS see Mineral waters

CARBONATES

Carbonate equilibrium in mineral waters of the "Caucasian mineral waters group." P. A. Kriukov, S. S. Zavodnov, V. E. Goremykin. Gidrokhim. mat. 34:119-127 '61.

CARBONATITES see subdivision under Vuoriyarvi region

CARBONIC ANHYDRASE

Activity of carbonic anhydrase in the blood and skin of patients suffering from disseminated forms of eczema. L. M. Tatarenko. Vest. derm. i ven. no. 2:45-48 '62.

CARBONIC OXIDE see Carbon monoxide

CARBONYLS

X-ray study of changes in the fine crystalline structure of powdered carbonyl iron. V. D. Krylov. Izv. AN SSSR Ser. fiz. 26 no. 3:362-367 Mr '62.

CARCINOGENS

Verification of the blastomogenic properties of hard hydrocarbons formed during the process of hydrogenation of mazut. Z. E. Grigor'ev. Vop. onk. 8 no. 2:29-30 '62.

CARCINOMA see Cancer

CARD CATALOGS (FOR LIBRARIES) see Catalogs, Card

CARDIAC ARREST see Heart failure

CARDIAC CATHETERIZATION

Intracavitary electrocardiography in cardiac catheterization. G. I. Astrakhantseva. Grud. khir. no. 5:32-36 '61.

CARDIAC GLYCOSIDES

Corglycon treatment of circulatory insufficiency [in Azerbaijani with summary in Russian]. G. V. Oganezov. Azerb. med. zhur. no. 11:40-44 N '61.

CARDIAC NERVES see Nerves, Cardiac

CARDING MACHINES

New method of covering the taker-in with Garnett wire. I. I. Shuliat'ev, A. M. Shamaeva. Tekst. prom. 21 no. 6:36-37 Je '61.

CARDING MACHINES—CLEANING

Remote control of the vacuum system in cleaning the working members of carding machines. I. E. Bogdanov. Tekst. prom. 22 no. 1:82-83 Ja '62.

CARDIOGRAPHY

Importance of esophagocardiography in evaluating hemodynamic changes in heart defects. R. B. Minkin. Terap. arkh. no. 7:28-34 '61.

Seismocardiography - a new method in the study of the functional state of the heart. B. S. Bozhenko. Terap. arkh. no. 9:55-64 '61.

CARDIOLIPIN

Use of cardiolipin antigen in the serodiagnosis of syphilis. S. G. Alieva, L. P. Kotova. Med. zhur. Uzb. no. 9:29-30 S '61.

CARDIOLOGY

"Special cardiology" [translated from the Czech] by Vratislav Jonáš. Reviewed by E. M. Tareev. Sov. med. 25 no. 12:142 D '61.

CARDIOSPASM

Cardiospasm and diverticulum of the esophagus [with summary in English]. O. D. Fedorova. Vest. khir. no. 2:19-24 '62.

Functional disorder of the vagus nerves in cardiospasm [with summary in English]. N. I. Iordanskaia. Vest. khir. no. 2:24-28 '62.

CARDIOVASCULAR SYSTEM

Analysis of the condition of the cardiovascular system in elderly patients with fractures of the upper and lower extremities. I. M. Fedorova. Ortop., travm. i protez. no. 12:49 '61.

Characteristics of the function of the cardiovascular system under static stress [with summary in English]. V. V. Skrlabin, R. A. Shabunin, S. N. Dobronravov. Gig. truda i prof. zab. 6 no. 1:30-45 Ja '62.

Comparative therapeutic activity and effects of nitranol and nitroglycerin on the cardiovascular system in stenocardia. E. I. Zharov. Terap. arkh. no. 7:51-57 '61.

Functional state of the cardiovascular system in bronchial asthma before and after nonspecific desensitizing therapy. G. Kh. Lazidi. Kaz. med. zhur. no. 6:13-15 N-D '61.

Functional state of the cardiovascular system in vibration sickness. A. G. Genkin. Uch. zap. Mosk. nauch.-issl. inst. san. i gig. no. 7:57-62 '60.

Neurohumoral regulation of the cardiovascular system in experimental arteriosclerosis [with summary in English]. Z. I. Bushmakina and others. Vrach. delo no. 1:3-11 Ja '62.

CARDIOVASCULAR SYSTEM—DISEASES

(see also subdivision under Kiev; White Russia)

Twelfth Scientific Conference of the Therapeutic Institute of the Academy of Medical Sciences of the U. S. S. R. N. Kuchin. Zdrav. kazakh. 21 no. 5:71-73 '61.

CARDIOVASCULAR SYSTEM—DISEASES—PSYCHOSOMATIC ASPECTS

Emotional impact on the patient of cardiovascular disorders. S. F. Oleinik. Kaz. med. zhur. no. 6:7-10 N-D '61.

CARGO HANDLING

Moscow. TSentral'nyi nauchno-issledovatel'skii institut ekonomiki i ekspluatatsii vodnogo transporta. [Economic and operational problems connected with improving the work of the merchant marine] Ekonomiko-ekspluatatsionnye problemy uluchsheniia raboty morskogo transporta. Pod red. IA. B. Kantorovicha. Moskva, Izd-vo "Morskoi transport," 1961. 192 p.

Spread the experience acquired in utilizing the exchange car center. V. Il'in. Mor. flot 22 no. 3:7-8 Mr '62.

CARGO VESSELS see Freighters

CARIBBEAN AREA—POLITICS

A new aggressive alliance. A. Strelin. Mezhdunar. zhizn' 9 no. 4:116-119 Ap '62.

CARICATURES AND CARTOONS

Actuality, high principles, and talent. G. Gluzman. Sem'ia i shkola 17 no. 2:33-34 F '62.

How cartoonists portray themselves. V. Horoshko. Ukraina no. 3:32 F '62.

A weapon hardened in battle. Ukraina no. 5:29 Mr '62.

CAROTENE

Effect of different sowing times and types on the dynamics of carotene accumulation in some forage crops [in Azerbaijani with summary in Russian]. A. M. Mamedov. Dokl. AN Azerb. SSR 17 no. 11:1073-1076 '61.

CAROTID ARTERY

Bioelectrical activity of single neurons of the hypothalamus in short-term shifts of osmotic pressure in the reservoir of the internal carotid artery and the portal vein of the liver. B. G. Tolkunov. Fiziol. zhur. 48 no. 1:39-46 Ja '62.

CAROTID BODY

Change in the carotid glomus in epilepsy. F. D. Liubimova. Vop. psikh. no. 4:182-189 '60.

CAROTOL

Dehydration of carotol. G. V. Pigulevskii, D. V. Motskus, L. L. Rodina. Zhur. ob. khim. 32 no. 2:656 F '62.

CARP

(see also subdivision under Soviet Far East)

Cannibalism in carp larvae and fry [with summary in English]. O. I. Kudrina'ka. Dop. AN URSR no. 1:111-113 '62.

Characteristics of the development of atypical intestines in the carp [with summary in English]. H. S. Shuliak. Dop. AN URSR no. 1:124-127 '62.

Food and the degree of utilization of natural and artificial food by hybrids of the domestic carp and the Amur wild carp [with summary on page 269]. L. P. Maksimova. Izv. GosNIORKH 51:85-95 '61.

CARPATHIAN MOUNTAIN REGION—FORAMINIFERA, FOSSIL

Quinqueloculina distorta, a new Helvetian Foraminifera species. L. S. Pishvanova. Paleont. zhur. no. 3:124-125 '61.

CARPATHIAN MOUNTAIN REGION—GAS, NATURAL

The subdued griffons. IU. Gavrilov. Vokrug sveta no. 3:33 Mr '61.

CARPATHIAN MOUNTAIN REGION—GEOLOGY, STRATIGRAPHIC

Mineralogical features of Lower Miocene sediments in the cis-Carpathian region. O. F. Tkachenko. Geol. zhur. 22 no. 1:40-50 '62.

Riphean deposits of the basement of the Ciscarpathian downwarping. L. V. Linetskaia, V. N. Uitrobin. Dokl. AN SSSR 140 no. 5:1152-1155 O '61.

CARPATHIAN MOUNTAIN REGION—MINERALS

Mineralogical features of Lower Miocene sediments in the cis-Carpathian region O. F. Tkachenko Geol. zhur. 22 no. 1:49-59 '62

CARPATHIAN MOUNTAIN REGION—SALT INDUSTRY

Salt industry of Carpathian Mountain Region during the feudal epoch IA. D. Isaevych Nar. vost. tekh. no. 7 99-112 '61

CARPATHIAN MOUNTAIN REGION—SULFUR

Hydrogeological characteristics of the formation of sulfur deposits in the cis-Carpathian region G. A. Goleva Sov. geol. 5 no. 2:88-99 F '62.

CARPATHIAN MOUNTAIN REGION—SWINE HOUSES AND EQUIPMENT

Features of pigsties for foothills and mountainous districts of the Carpathians [with summary in English, p. 73]. V. I. Raiko. Visnyk ABIA URSR no. 4:22-26 '61.

CARPATHIAN MOUNTAIN REGION—VERTEBRATES

Principles for working out a program for the investigation of vertebrates at permanent field stations of the Carpathian highlands. M. I. Cherkashchenko, F. L. Stroutman. Nauk. zap. Nauk.-prypod. muz. AN URSR 9 92-103 '61

CARPATHIAN MOUNTAIN REGION—WATER, UNDERGROUND

Hydrogeological characteristics of the formation of sulfur deposits in the cis-Carpathian region G. A. Goleva Sov. geol. 5 no. 2:88-99 F '62.

CARPATHIAN MOUNTAINS—FLOODS

Flash floods in the Carpathians and the Crimea M. M. Aizenberg, M. S. Kaganer. Sbor. rab. po gidrol. no. 1 135-157 '59

CARPATHIAN MOUNTAINS—FLYSCH

Lithological facies types of flysch deposits in the northwestern part of the northern slope of the Ukrainian Carpathians [with summary in English] F. P. Temniuk Dop. AN URSR no. 2:226-229 '62

CARPATHIAN MOUNTAINS—GEOLOGY

Tectonic and physical characteristics of the Skiba zone of the Soviet Carpathians [with summary in English] V. S. Sasinovych Dop. AN URSR no. 1 101-107 '62

CARPATHIAN MOUNTAINS—GEOLOGY—BIBLIOGRAPHY

Theses on geology, mineralogy, paleontology, and physical geography of the Carpathians defended at Lvov University from 1947 to 1959. A. A. Panteleeva Min. sbor. no. 11:476-479 '60.

CARPATHIAN MOUNTAINS—PALEONTOLOGY, STRATIGRAPHIC

Problem of the Lower Oligocene as revealed by the Eastern Carpathians. IA. O. Kul'chits'kyi, O. V. Maksimov, K. L. Khloponiy. Geol. zhur. 22 no. 1:59-65 '62.

CARPATHIAN MOUNTAINS—PETROLEUM GEOLOGY

Orographic conditions in the accumulation of oil in the Novo-Bitkovskiy anticline. V. O. Kratushkin. Geol. zhur. 21 no. 6:106-111 '61

CARPATHIAN MOUNTAINS—PLANTS—REPRODUCTION

Fruit bearing of some herbaceous plants in various mountain belts of the Ukrainian Carpathians. I. V. Vainshil. Nauk. zap. Nauk.-prypod. muz. AN URSR 9 121-128 '61.

CARPATHIAN MOUNTAINS—PLANTS, ORNAMENTAL

Introduction of wild ornamental plants from Transcarpathia. I. I. Bubriak. Biul. Glav. bot. sada no. 43:18-19 '61.

CARPATHITE see subdivision under Transcarpathia

CARPATHO-UKRAINE see Transcarpathia

CARPENTERS' SQUARE

Marking the bearing partitions in large-panel apartment houses E. Pinskii. Stroi. i arkhit. 9 no. 12:27 D '61.

CARROTS

Content of chlor-IFC in carrots and onions grown in soil treated with this herbicide A. M. Shoeva. Vop. pit. 21 no. 1:73-74 Ja-F '62.

CARROTS—THERAPEUTIC USE

Electrocardiographic changes in hypertension treated with daucarine. A. S. Ismagulov. Zdrav. Kazakh. 21 no. 6:29-34 '61.

CARTILAGE—TRANSPLANTATION

Fate of a transplanted heterogenous cartilage. G. M. Egtian, A. M. Igitkhanian. Vest. khir. no. 12:22-26 '61.

CARTOGRAPHY

(see also subdivision under Poland)

Ivan'kov, P. A., and N. F. Smozhenkov. [Plastics in cartography] Plastiki v kartografii. [n. p.] Izd-vo geodez. lit-ry, 1961. 80 p.

Preobrazhenskii, A. I., ed. [Composition and editing of special maps] Sostavlenie i redaktirovanie spetsial'nykh kart. [n. p.] Izd-vo geodez. lit-ry, 1961. 310 p.

Tasks and possibilities of archaeological cartography. A. I. Mongait. Sov. arkheol. 6 no. 1:16-35 '62

Volkov, N. M. [Cartography] Kartografiia. Moskva, Izd-vo geodez. lit-ry.

Pt. 2 [Map composition and editing] Sostavlenie i redaktirovanie kart. 1961. 265 p. maps.

CASE HARDENING

From the Exhibition of Achievements of the National Economy. G. U. Dashevskaia. Metalloved. i term. obr. met. no. 3:60-61 Mr '62

Heat treatment of 18KhNVA and 12Kh2N4A steels to undergo case hardening. B. S. Natapov. Metalloved. i term. obr. met. no. 3:56-59 Mr '62

Investigating the fine crystal structure of surface-hardened fatigue specimens of low-temper steel. A. S. Shigatov. Metalloved. i term. obr. met. no. 1:25-29 My '62

CASPIAN LOWLAND—CLAY

Swelling Khvalynian clays as foundations for structures. E. A. Sorochan. [Trudy] NIIOSP no. 46 92-110 '61

CASPIAN LOWLAND—WATER, UNDERGROUND

Role of aquifers in the Volga Hills and the formation of underground waters in the Caspian Lowland. L. M. Ivanova. Vop. gidrogeol. i inzh. geol. no. 19:21-24 '61

CASPIAN SEA

Geologic conditions governing the formation of bottom sediments in Kara-Bogaz-Gol in connection with fluctuations in the Caspian Sea level. A. I. Dzens-Litovskii, G. A. Vasil'ev. Izv. AN SSSR. Ser. geol. no. 3:101-109 Mr '61.

CASPIAN SEA—HYDROLOGY

The Caspian calls Pechora. Vokrug sveta no. 5:10-11 My '61

CASPIAN SEA—MERCHANT MARINE—PASSENGER TRAFFIC

Prospects for the use of passenger ships with underwater wings in the Caspian Basin. N. Kudriavtsev, V. IUsin. Mor. flot 22 no. 3:8-10 Mr '62

CASPIAN SEA—MOTION PICTURES, DOCUMENTARY

Beyond the blue barrier. A. Rogov. Vokrug sveta no. 2:17-20 F '62

CASPIAN SEA—MUD VOLCANOES

Manifestations of mud volcanism in the deep section of the southern Caspian. V. F. Solov'ev, E. G. Mnev, A. IU. IUnov. Dokl. AN SSSR 140 no. 5:1163-1166 O '61.

CASPIAN SEA—OCEAN CURRENTS

Studying the currents of the Caspian Sea. V. A. Polushkin. Okeanologiia 2 no. 1:143-145 '62.

CASPIAN SEA—OIL WELL DRILLING, SUBMARINE

They are stronger than you, Caspian! Viktor Sakk. Smena 39 no. 3:9-13 F '62.

CASPIAN SEA—PHYTOPLANKTON

Phytoplankton of the northern part of the Caspian Sea. I. V. Makarova. Bot. zhur. 46 no. 11:1669-1678 N '61.

CASPIAN SEA REGION—GAS, NATURAL—GEOLOGY

Concerning the article "Gas potentials of the Upper Pliocene of the northern Caspian Sea region." V. Aleshin. Geol. nefti i gaza 6 no. 2:62-3 of cover F '62.

CASPIAN SEA REGION—GEOLOGY, STRUCTURAL

Basic tectonic features of the Cretaceous complex in the northwestern part of the Caspian Sea region. M. E. Leviton, N. M. Muzychenko. Dokl. AN SSSR 140 no. 5:1148-1151 O '61.

CASSITERITE

Soluble tin in ores of the Dzhalinda deposit and solubility of cassiterite in acids. L. E. Novorossova, G. N. Komarova. Geol. rud. mestorozh. no. 1:122-125 Ja-F '62

CAST IRON

Effect of manganese and silicon on the electrocapillary properties of cast iron in molten slag. B. V. Patrov. Izv. vys. ucheb. zav.; chern. met. 5 no. 1:48-51 '62.

CAST IRON—HARDENING

Gol'dshtein, IA. E., and I. IA. Gorbul'skii. [Increasing the durability of tractor parts] Povyshenie dolgovechnosti traktornykh detalei. Izd. 2. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 199 p.

CAST IRON—METALLOGRAPHY

Effect of nonmetallic inclusions on the properties of malleable cast iron. P. N. Bidulia, G. IU. Shul'te. Izv. vys. ucheb. zav.; chern. met. 5 no. 1:183-189 '62.

Mechanism of the formation of graphitization nuclei in prehardened white cast iron. F. K. Tkachenko, V. F. Zubarev, L. N. Kudriavtseva. Mashinostroenie no. 1: 50-53 Ja-F '62.

Mechanism of the nucleation of graphitization centers during the low-temperature heating of white iron castings. I. I. Khoroshev. Izv. vys. ucheb. zav.; chern. met. 5 no. 1:171-176 '62.

CAST IRON—METALLURGY

Control of the mechanical properties of gray pig iron by a method which involves mixing with liquid steel. I. P. Rabinovich, A. G. Korotkov, P. P. Drevlatsk. Trakt. i selkhozmash. 32 no. 3:9-10 Mr '62

CAST IRON—WELDING

Repair by cold welding of a cast-iron cylinder on a 1000-ton hydraulic press. S. G. Shchebrov. Svar. proizv. no. 2:35-36 F '62

CASTING, CONTINUOUS see Continuous casting

CASTOR-OIL PLANT see subdivision under Ukraine

CASUARINA see subdivision under Caucasus

CATALASE

Dehydrogenase, catalase and peroxidase activity of staphylococcal cultures with acquired resistance to antibiotics from the neomycin group [with summary in English]. A. F. Morozova. Antibiotiki 7 no. 2:143-150 F '62

Determining the catalase activity of hemolyzed blood in 1-second and 15-second periods of reaction with hydrogen peroxide. S. I. Kraineva. Lab. delo 8 no. 2:14-18 F '62.

Effect of tetracycline hydrochloride on the catalase and peroxidase activity of the blood in vitro [with summary in English]. N. N. Ostrovskii. Antibiotiki 7 no. 1:44-46 Ja '62.

CATALOGING

Seminar for catalogers of agricultural research libraries. M. S. Baranova. Biul. TSentr. nauch. sel'khoz. bibliot. no. 6 12-13 '60

System of catalogs for agricultural research libraries and problems of the organization of catalogs and card catalogs. G. V. Klugach. Biul. TSentr. nauch. sel'khoz. bibliot. no. 6 27-46 '60

CATALOGING, COOPERATIVE

Recognition grows. G. Churzhkova. Bibliotekar' no. 3 55-57 Mr '62

CATALOGS, BOOKSELLERS'

New catalogs of second-hand books. S. Miachin. Sov. knizh. torg. 15 no. 2 32-33 F '62.

CATALOGS, CARD

System of catalogs for agricultural research libraries and problems of the organization of catalogs and card catalogs. G. V. Klugach. Biul. TSentr. nauch. sel'khoz. bibliot. no. 6 27-46 '60.

CATALOGS, CLASSIFIED

Combined classified catalog. G. V. Klugach. Biul. TSentr. nauch. sel'khoz. bibliot. no. 6:49-63 '60.

CATALOGS, UNION

[Union list of new foreign books, received by the libraries of the U. S. S. R. Series A: Natural sciences, medicine, agriculture, technology.] Svod. biul. nov. inostr. knig, postup. v bibl. SSSR. Ser. A: Est. nauki, med., sel'. khoz., tekh. nas. 2-3 '58; no. 6 '61.

[Union list of new foreign books, received by the libraries of the U. S. S. R. Series B: Social sciences.] Svod. biul. nov. inostr. knig, postup. v bibl. SSSR. Ser. B: Obshchestv. nauki no. 7 '61.

CATALYSIS

"Catalymeric" titration. K. B. IAtsimirskii, T. I. Fedorova. Dokl. AN SSSR 143 no. 1:143-146 Mr '62.

Catalytic action of zinc chloride in Cesh syntheses. E. N. Zil'berman, N. A. Rybakova. Zhur. ob. khim. 32 no. 3: 891-896 F '62.

Investigating the catalytic effect of copper on the reduction of molybdenum by rhodanide [with summary in English]. B. IE. Reznik, N. A. Bidniak. Dop. AN URSR no. 2:215-218 '62.

CATALYSTS

Catalytic poisons in silicon-copper alloys. D. I. Lainer, L. A. Malysheva, L. I. Sotnikova. Trudy Giprotsvetmetobrabotka no. 20 14-16 '61.

Contact conversions of cyclooctane in the presence of an alumina-chromium oxide catalyst. E. A. Shokova and others. Neftekhimiia 1 no. 1:28-32 Ja-F '61.

Determination of molybdenum by its catalytic action [with summary in English]. V. I. Lazareva, A. I. Lazarev, V. V. Rodzaevskii. Zhur. anal. khim. 17 no. 1:65-69 Ja-F '62.

Effect of Sr^{++} and Cr^{+3} oxides on the stability of Cr^{+6} in chromium-aluminum-silicate catalysts. G. I. Alimardanov, Z. S. Agamirzoeva, Z. G. Zul'fugarov. Dokl. AN Azerb. SSR 17 no. 11:1033-1037 '61.

Hydrogenolysis of sulfur-containing organic compounds on an aluminum-cobalt-molybdenum catalyst. A. A. Rybnikova, I. N. Tits-Skvortsova, E. Nordov. Neftekhimiia 1 no. 1:100-104 Ja-F '61.

Inhibition of surface reactions on catalysts and the mobility of adsorbed molecules. V. E. Vasserberg, A. A. Balandin, T. V. Georgievskaia. Dokl. AN SSSR 140 no. 5:1110-1113 O '61.

Promoting silicon-copper catalysts by antimony. D. I. Lainer, L. A. Malysheva, L. I. Sotnikova. Trudy Giprotsvetmetobrabotka no. 20 17-19 '61.

CATALYSTS (Continued)

Polarographic catalytic hydrogen waves as dependent on the structure of organic catalysts S G Mairanovskii Dokl. AN SSSR 142 no. 6 1327-1330 F '62

Potentiometric study of catalytic hydrogenation in dielectric media A B Fasman and others Dokl AN SSSR 144 no 1 871-877 F '62

Radiolysis of alkanes adsorbed on semiconductor catalysts A V. Topchiev and others Neftekhimiia 1 no 1 105-116 Ja-F '61

Structure of a $FeCl_3$ X propylene oxide catalyst and the mechanism of stereospecific polymerization of some epoxy compounds L. A. Bakalo and others Dokl AN SSSR 142 no 2 347-350 Ja '62

CATALYSTS, NICKEL

Catalytic reforming of naphthenic hydrocarbons on a gasoline fractions into aromatic hydrocarbons on a catalyst with 0, 1-0, 3% of nickel IA M Paushkin, T P. Vishniakova, V. G Cherniukhina, Izv. vys. ucheb. zav., neft' i gaz 4 no. 5 69-71 '61.

Demethylation of toluene by conversion with water vapor G N. Maslianskii, G I Rabinovich, Neftekhimiia 1 no 2 182-186 Mr-Ap '61

Investigation of hydrogenation reactions of piperylene stereoisomers on a skeletal nickel catalyst L Kh. Freidlin, E F Litvin, I F Shukova, Neftekhimiia 1 no 2 213-217 Mr-Ap '61.

CATALYSTS, NICKEL—TESTING

Phase composition of skeleton nickel catalysts D I Lainer, N M Kagan Trudy Giprotsvetmetobrabotka no 20 101-116 '61.

CATARACT

Radiation cataract and its treatment. M IA. Fradkin Vest rent. i rad 36 no. 4:83-85 Jl-Ag '61.

CATARRH

Diagnosis and treatment of catarrhs of the upper respiratory passages. N. I. Morozkin. Zhur. ush , nos. i gorl. bol. 20 no 6:80-83 N-D '60

CATHEDRALS see subdivision under Yur'yev Pol'skiy

CATHODE RAY OSCILLOGRAPH

Distribution of overshoots and fluctuation maxima. V. I. Tikhonov, E. I. Kulikov Radiotekhnika 17 no. 2 15-23 F '62.

Oscillograph for measuring the dynamic saturation curve of ferromagnetic substances A. G. Shishkov, IU. D. Ivanov, V. M Gladkov Elektrichestvo no. 2:68-70 F '62.

CATHODE RAY TUBES

Electrostatic properties of an elementary device for storing charges originating on a dielectric target during secondary electron emission I. A Serebrov, S A. Fridrikhov. Radiotekh i elektron 7 no. 3 509-517 Mr '62.

New components for high-voltage measuring devices. A. M. Dubinin and others. Vest. elektroprom. 33 no 2: 44-19 F '62.

Suprlaga, N. P. [Electron-beam tubes with charge accumulation] Elektronno-luchevye trubki s nakopleniem zariadov. Moskva, Voen izd-vo M-va oborony SSSR, 1961. 118 p. (Radiolokatsionnaia tekhnika)

CATHODE RAYS

Determining the absorption coefficients for an electron stream in a solid on the basis of regular features of the X-ray photoemission from a massive photocathode M. A. Rumsh, V. N. Shchemelev, Kh. Prois Fiz. tver. tela 4 no. 1:83-88 Ja '62.

Mechanism of the external photoeffect emanating from massive photocathodes under the action of X rays M. A. Rumsh, V. N. Shchemelev, Kh. Prois. Fiz tver. tela 4 no. 1, 69-73 Ja '62.

CATHODE RAYS—CONGRESSES

Development of cathode electronics. M. I. Elinson. Vest. AN SSSR 32 no. 3, 89-91 Mr '62.

CATHODIC PROTECTION

Krasnoiarskii, V. V. [Electrochemical method of protecting metals against corrosion; theory and parameters of the designing of a protection system] Elektrokhimicheskii metod zashchity metallov ot korrozii; teoriia i parametry proektirovaniia ustanovok zashchity. Moskva, Mashgiz, 1961. 82 p.

CATHOLIC CHURCH see subdivision under France; Poland; Ukraine, Western

CATHOLIC CHURCH—GOVERNMENT

Lavretskii, I. R. [Cardinals go to hell] Kardinaly idut v ad. Moskva, Gos. izd-vo polit. lit-ry, 1961. 263 p.

CATHOLIC CHURCH (BYZANTINE RITES)

"Saint" Iosafat and others. Mykola Virnyi. Voiov. ateist no. 1:27-41 Ja '62.

Those who spread the poison of religion. M. Dubyna. Voiov. ateist no. 1 54-57 Ja '62.

Uniate and the Vatican are the eternal enemies of the Ukrainian people. V. Sarbei. Voiov. ateist no. 2:35-37 F '62.

CATHOLIC HISTORIANS

Our struggle against Catholic historiography. I. S. Andreeva Vop ist. no 3:153-155 Mr '62

CATIONS

Cation distribution in multicomponent spinel A N Men' Fiz tver tela 4 no 1 14-21 Ja '62

Measurement of cation transfer numbers in the liquid phase of a portland cement clinker P P Budnikov, I I. Kholin, Z B Entin Dokl AN SSSR 142 no 6 1312-1315 F '62

Regular processes of the exchange of cations in the liquefaction of ceramic suspensions G. I Zavarzina Trudy NIIStroikeramiki no. 10:48-59 '60.

CATTLE—DISEASES AND PESTS

Role of veterinarians in the wintering of cattle. Veterinariia 39 no 1 5-8 Ja '62

Trilenko, P. A. [Vibriosis in cattle and sheep] Vibrioz krupnogo rabotogo skota i ovets. Leningrad, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961 246 p. (DA)

CATTLE—WATERING see subdivision under Kazakhstan

CATTLE, BEEF see Beef cattle

CAUCASIAN LANGUAGES—GRAMMAR, COMPARATIVE

Lexical similarities between the Lak and Nakh languages and some corresponding sounds of consonants. S. M Khaidakov. Izv. Chech.-Ing. nauch. issl. inst. ist., iaz i lit. 2 no. 2:116-121 '61.

CAUCASUS—ANGIOSPERMS

Akademiia nauk Gruzinskoi SSR, Tiflis. Institut lesa. [Trees of the Caucasus; wild and cultivated trees and shrubs] Dendroflora Kavkaza, dikorastushchie i kul'turnye derev'ia i kustarniki. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR

Vol. 2. [Angiosperms. Dicotyledons] Angiospermae - Pokrytosemennye. Dicotyledone - Dvudol'nye 1961 334 p.

CAUCASUS—ANTHROPOLOGY, PREHISTORIC

First find of a Mousterian man in the Caucasus L K Gabunia, D M Tushabramishvili, A K Vekua Vop antr no 8 156-161 '61.

CAUCASUS—CASUARINA

Caucasian Casuarina. V G Gaiworonskii Dokl. AN SSSR 142 no 2 453-455 Ja '62

CAUCASUS—DICOTYLEDONS

Akademiia nauk Gruzinskoi SSR, Tiflis. Institut lesa. [Trees of the Caucasus; wild and cultivated trees and shrubs] Dendroflora Kavkaza; dikorastushchie i kul'turnye derev'ia i kustarniki. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR

Vol. 2. [Angiosperms. Dicotyledons] Angiospermae - Pokrytosemennye. Dicotyledone - Dvudol'nye. 1961. 334 p.

Grossgeim, A. A. [Flora of the Caucasus] Flora Kavkaza. 2., perer. i dop. izd. Moskva, Izd-vo Akad. nauk SSSR.

Vol. 6. Geraniaceae - Araliaceae. 1962. 424 p.

CAUCASUS—GEOLOGY

Relationship between the geologic formations of the southern slope of the Greater Caucasus. I. A. Voskresenskii. Trudy KF VNII no. 6:369-385 '61.

CAUCASUS—GEOLOGY, STRUCTURAL

Connection between the subsurface and surface structure of the Greater Caucasus. A. A. Sorskii. Sov geol 5 no. 1:54-70 Ja '62.

CAUCASUS—HEALTH RESORTS, WATERING PLACES, ETC.

Discussion of Assistant Professor I. S. Savoshchenko's article, "The development of research at resorts of the Caucasian Mineral Waters Region" E. N. Artem'ev. Sov. med. 25 no. 12:134-135 D '61.

CAUCASUS—MEADOW SAFFRON

Types of meadow saffron (Colchicum speciosum Stev.) in western Caucasus. N. I. Shorina Biul. glav bot. sada no. 43:71-78 '61.

CAUCASUS—ORE DEPOSITS

Efendiev, G. Kh. [Hydrothermal ore complex in the northeastern part of the Lesser Caucasus; mineralogy and geochemistry] Gidrotermal'nyi rudnyi kompleks severo-vostochnoi chasti Malogo Kavkaza; mineralogiia i geokhimiia. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1957. 342 p.

CAUCASUS—ROCKS, IGNEOUS

Morphological and petrochemical features of Neogene minor intrusions in the Erivan-Ordubad synclinorium and Caucasian mineral waters region. V. N. Liubofcev. Trudy KF VNII no. 6:340-357 '61.

CAUCASUS—SKIS AND SKIING

Sun with skis in its arms. E. Vasil'ev. Ogonek 40 no. 7:26-27 F '62.

CAUCASUS—TREES, FOSSIL

Taxodiaceous wood from the middle Oligocene of the western Caucasus V G Gaiworonskii. Paleont zhur. no 3:134-135 '61

CAUCASUS, NORTHERN—CHALCOPYRITE

Discussion on the genesis of copper-pyrite deposits in the Northern Caucasus Izv AN SSSR Ser geol 27 no 3 120-121 Mr '62

Geologic conditions determining the accumulation of gas in some copper pyrite deposits in the central part of the Northern Caucasus A. I. Fridman Izv vys. ucheb zav ,geol i razv 4 no 12 67-74 D '61.

CAUCASUS, NORTHERN—DESCRIPTION AND TRAVEL

"Development of geography lessons on continents" by B. A. Rondriatsev, S. A Smirnov, "Northern Caucasus" by E P Maslov. Reviewed by F Rodionova Geog v shkole 25 no 2 37 Mr-Ap '62

CAUCASUS, NORTHERN—GAS, NATURAL—GEOLOGY

Geologic conditions determining the accumulation of gas in some copper pyrite deposits in the central part of the Northern Caucasus. A I. Fridman Izv vys. ucheb zav ,geol i razv 4 no 12:67-74 D '61

Temperature conditions of the oil-and gas-bearing regions of central and eastern Ciscaucasia I G Kissin, E A. Kazintsev Geol nefti i gaza 6 no 2:42-45 F '62.

CAUCASUS, NORTHERN—GEOLOGY

Geologic history of the northwestern Caucasus in the upper Cretaceous and Tertiary in the light of new data A. N. Shardanov. Trudy KF VNII no. 6:285-299 '61

CAUCASUS, NORTHERN—HISTORY

"Ancient history of the Northern Caucasus" by E. I. Krupnov Reviewed by D. M. Ataev, N. B. Sheikhov Vop ist no 3:140-142 Mr '62

CAUCASUS, NORTHERN—MINERAL WATERS

Carbonate equilibrium in mineral waters of the "Caucasian mineral waters group," P. A Kriukov, S S Zavodnov, V. D. Goromykin. Gidrokhim. mat. 34:119-127 '61.

CAUCASUS, NORTHERN—ORE DEPOSITS

Age of complex metal mineralization in the northwestern Caucasus. V. S. Balitskii. Trudy KF VNII no. 6 335-339 '61.

Outline mineralogy and geochemistry of the Tuba group of complex metal ores (northwestern Caucasus). V. S. Balitskii, V. N. Liubofcev. Trudy KF VNII no. 6, 358-368 '61.

CAUCASUS, NORTHERN—PALEOBOTANY

Domerian flora in the Northern Caucasus. V. A. Vakhrameev, V. A. Krasilov Paleont zhur no 3:103-108 '61

CAUCASUS, NORTHERN—PETROLEUM GEOLOGY

Temperature conditions of the oil-and gas-bearing regions of central and eastern Ciscaucasia I G Kissin, E. A Kazintsev. Geol. nefti i gaza 6 no 2:42-45 F '62.

CAUCASUS, NORTHERN—PETROLOGY

Lithology and petrography of lower Cretaceous sediments in the northwestern Caucasus (west of the Pshekha River). P. S. Zhabreva. Trudy KF VNII no. 6:234-252 '61.

CAUCASUS, NORTHERN—PYRITES

Concerning V. V. Sviridov's remarks on my article "Certain features in the genesis of the Urup pyrite deposits (Northern Caucasus)" and the remarks of V. I. Smirnov and T. IA. Goncharova on the theory of the exhalation-sedimentary formation of pyrite deposits in the Northern Caucasus. R. P. Tuzikov Izv. AN SSSR, Ser. geol. no. 3:112-115 Mr '61.

Remarks on the artical of V. I. Smirnov and T. IA. Goncharova "Geologic characteristics of the formation of pyrite deposits in the western part of the Northern Caucasus," V. V. Sviridov. Izv. AN SSSR Ser. geol. no. 3:110-111 Mr '61

CAUCASUS, NORTHERN—REVOLUTION, 1917-1921

The "Taman Army" in the Battle of Armavir in 1918. N. Efimov. Voen -ist zhur. 4 no 3:113-115 Mr '62

CAUCASUS, NORTHERN—ROCKS, CARBONATE

Carbonate rocks in Cretaceous sediments of the northwestern Caucasus. P. S. Zhabreva. Trudy KF VNII no. 6:222-233 '61.

CAUCASUS, NORTHERN—ROCKS, CRYSTALLINE AND METAMORPHIC

Structural and petrological features of ancient crystalline rocks in the Northern Caucasus. G. M Zaridze and others. Sov. geol. 5 no. 2:28-38 F '62.

CAUCASUS, NORTHERN—RUNOFF

Normal annual runoff in rivers of the Northern Caucasus. P. P. Kucheriavyi Sbor. rab. po gidrol. no. 2, 103-114 '61.

CAUCASUS, NORTHERN—SARMATIANS

Kuznetsov, V. A. [Alany tribes of the Northern Caucasus] Alanskie plemena Severnogo Kavkaza. Moskva, Izd-vo Akad. nauk SSSR, 1962. 134 p. illus. (Materialy i issledovaniia po arkheologii SSSR, no. 106)

CAUCASUS, NORTHERN—SEDIMENTS (GEOLOGY)

Some new soil markings on lower Cretaceous sediments in the northwestern Caucasus V A. Grossgeim Trudy KF VNII no.6 202-206 '61.

CAUCASUS, NORTHERN—STONE IMPLEMENTS

On the two types of stone implements of the Northern Caucasus. V I. Markovin, R.M. Munchaev. Krat soob. Inst. arkheol. no 84 19-29 '61.

CAUCASUS, NORTHERN—SUBSIDENCES (EARTH MOVEMENTS)

New data on the tectonics of the western subsidence in the Caucasus and on Taman' Peninsula. A. N Shardanov, V. P. Peklo. Trudy KF VNII no.6·207-221 '61.

CAUCASUS IN LITERATURE

On the history of the Caucasian theme in Russian literature [with summary in English] V. A. Manuilov. Vest LGU 17 no 2;161-165 '62.

CAUSATION

"The category of causality in physics" by G. A. Svechnikov Reviewed by L. I. Storchak. Vest. AN SSSR 32 no 3; 132-134 Mr '62

CAVES see subdivision under Khodzhikent

CAVITATION

Abrasive wear and cavitation S. P Kozyrev, K K. Shal'nev Dokl AN SSSR 143 no 1 60-63 Mr '62

CECUM—CANCER

Clinical and roentgenological signs of cancer of the cecum and ascending colon [with summary in English]. L. P. Simbirtseva. Vop. onk. 7 no. 7 74-83 '61.

CECUM—INNERVATION

Intraorgan nervous apparatus of the ileocecal valve in man [with summary in English]. E. A. Dyskin. Arkh. anat. gist. i embr. 41 no. 7·85-89 Jl '61.

CECUM—INTUSSUSCEPTION

Lateral invagination of the cecum and the mechanism of its appearance IU. M. Bitsko. Nov khir. arkh no. 3 51-56 My-Je '60

CELESTIAL MECHANICS see Mechanics, Celestial

CELIAC ARTERY—SURGERY

Treatment of liver cirrhosis by ligation of the branches of the celiac artery [with summary in English]. IU. M Emel'ianova Vest khir. no 2 57-62 '62

CELL DIVISION (BIOLOGY)

Characteristic division of the nerve cells of some vegetative ganglia in cats [with summary in English]. G. A. Koblov. Arkh. anat. gist. i embr. 42 no. 2;83-93 F '62.

Isoelectric points of the nucleolus and the protoplasm and mitotic activity of cells of the growing point and developing leaves. L. P. Chel'tsova. Dokl. AN SSSR 143 no. 1;210-213 Mr '62.

CELL METABOLISM

Mechanisms of cellular and central regulation of energy metabolism. V. S. Il'in, S. A. Neifakh. Vest. AMN SSSR 16 no. 11·47-55 '61.

CELLS

Interrelation between the living cell and environment. D. S. Vorontsov. Fiziol. zhur. [Ukr.] 8 no. 1;13-20 Ja-F '62.

CELLULOSE

Nikitin, N. I. [Wood chemistry and cellulose] Khimiia drevesiny i tsellilulozy. Moskva, Izd-vo Akad. nauk SSSR, 1962. 711 p.

Production of cellulose carboxymethyl ethers. Ch. D. Dkhartial, I. M. Timokhin, M Z. Finkel'shtein. Zhur. prikl. khim. 35 no. 2;429-440 F '62.

Studying the decomposition of cellulose in the sheep rumen. V. A. Moiseev. Vest. AN Kazakh. SSR 18 no. 1;76-80 Ja '62.

CELLULOSE INDUSTRY see subdivision under Leningrad Province

CEMENT

(see also subdivision under Kursk Magnetic Anomaly; Rustavi)

Some rheological properties of a polymer-cement suspension. IU. S. Cherkinskii, V. M. Kalashnikova. Sbor. trud VNIINSM no. 4;41-44 '61.

Thermodynamic and diffusion characteristics of the basic components of cement when they are dissolved in water. V. B. Ratinov and others. Izv. vys. ucheb. zav. ;stroi i arkhit. 4 no. 6;135-145 '61.

CEMENT—ANALYSIS

Methods of analyzing barytic and boron-containing cements and materials. V. V. Myshliaeva, E. I. Nagerova. Nauch. soob. NIITSementa no. 11;38-42 '61.

CEMENT—TESTING

Determination of changes in the linear deformations of hardened clinker minerals and cements when heated by a method of complex thermal analysis. V. S. Gorshkov, T. A. Khmelevskaia. Sbor. trud. VNIINSM no. 4;77-87 '61.

Effect of some organic acids and sucrose on hardened cement of varying composition M. M. Erkenov Trudy Kazakh fil AS1A no 2 188-201 '60

Influence of heat and moisture treatment on the deformability and strength of hardened cement [with summary in English, p. 74]. R. B. Angenits'ka, I. I. Morachevs'kii Visnyk AB1A URSR no. 4;53-56 '61.

Study of the process of hydration of ferro-aluminous cements. G. A. Fedorov Nauch. soob NIITSementa no 11, 32-39 '61

CEMENT CLINKERS

Utilization of the dust from rotary kilns in the production of cement clinker. I. A. Semchenko, V. M. Stepanov. Nauch soob. NIITSementa no. 11;17-19 '61

Varieties of crystals of belite and alite in portland cement clinker IU. M. Butt, V. V Timashev, V. A. Paramonova. Nauch soob NIITSementa no. 11,19-27 '61.

CEMENT CLINKERS—TESTING

Determination of changes in the linear deformations of hardened clinker minerals and cements when heated by a method of complex thermal analysis V. S. Gorshkov, T. A. Khmelevskaia. Sbor trud VNIINSM no. 4:77-87 '61

Using methods of efficient chemical analysis to study the phase compositions of peat and fly ash cement G. G. Kornienko. Sbor trud. VNIINSM no 4:86-94 '61

CEMENT INDUSTRIES

(see also subdivision under Novorossiysk)

Vsesoiuznyi nauchno-issledovatel'skii institut novykh stroitel'nykh materialov. [Basic regulations of the organization and technology of the manufacture of porous clay filler in rotary furnaces] Osnovnye polozhenita organizatsii i tekhnologii proizvodstva keramzitovogo zapolnitelia v vrashchaiushchikhsia pechakh. Moskva, TSentr. biuro tekhn. informatsii, 1959. 63 p. [MICROFILM]

CEMENT INDUSTRIES—LABOR PRODUCTIVITY

Mechanization of the work of auxiliary workers as the most important factor in the growth of labor productivity in the cement industry of the U.S.S.R. A. Bakelov Biul nauch. inform. trud i zar plata 5 no. 2·15-22 '62

CEMENT PLANTS see subdivision under Moscow Province

CEMENTATION (METALLURGY)

Using surface hardening in manufacturing ball pins for the MAZ motor vehicles. P. A. Mishin, S. N Drozd Avt. prom. 28 no. 1·39-41 Ja '62.

CEMENTS, ADHESIVE—TESTING

Rapid method of determining the consistency of adhesive cements for floors. V. S. Fadeeva and others Sbor. trud. VNIINSM no. 4:105-113 '61.

CENTRAL AMERICA—DESCRIPTION AND TRAVEL

"Between two oceans" by J. Hanzelka and M. Zikmund. Reviewed by G. Malinina. Vokrug sveta no. 3;61-62 Mr '61.

CENTRAL ASIA see Asia, Central

CENTRAL ASIA, SOVIET see Soviet Central Asia

CENTRAL BLACK EARTH REGION—AGRICULTURE

Soveshchanie rabotnikov sel'skogo khoziaistva oblastei tsentral'noi chernozemnoi zony, Voronezh, 1962. [Put the resources of the land in the service of our country] Bogatstva zemli - na sluzhbu Rodine; materialy. Moskva, Izd-vo "Sovetskaia Rossiia," 1962. 159 p. (DA)

CENTRAL BLACK EARTH REGION—PLANT COMMUNITIES

"Underground parts of the main species of herbaceous plants and flatland associations of the Central Russian forest-steppe and their effect on the formation of vegetative cover" by G. M. Zozulin. Reviewed by M. S. Shalyt. Bot. zhur. 47 no. 1;141-143 Ja '62.

CENTRIFUGAL CASTING

Making castings from a skin-sensitive alloy by centrifugal methods in vacuum and in a gas-shielded atmosphere. N. M. Tuchkevich, B. M Kolobashkin. Lit. proizv. no. 2;12-14 F '62.

CENTRIFUGAL CASTING—DEFECTS

Effect of thermal conditions and centrifugal forces on the formation of shrinkage defects in steel castings. G. S. Mirzoian. Izv. vys. ucheb. zav. ;chern. met. 5 no. 1; 177-182 '62.

CENTRIFUGAL PUMPS

Contact-screw stuffing box for MOR centrifugal pumps. L. I. Mamon, K. D. Polchil'ko, L. P. Glozman. Khim. mash. no. 6;43-44 N-D '61.

One pump in place of two. A. Fast. Neftianik 7 no. 2·24 F '62.

Using centrifugal pumps for pumping cracking residues. A. IA. Zavorotnyi. Neftianik 7 no. 1;12 Ja '62.

CENTRIFUGES

"Modern industrial centrifuges" by V. I. Sokolov. Reviewed by S. Z. Kagan. Khim. prom. no. 2;150-151 F '62.

Studying the possibility of using centrifugal fuel purification in diesel locomotive engines IU A. Kudinov. Trudy MIIT no. 141·127-155 '61.

Vibrating filter centrifuge for dewatering coal. V. S. Kaminskii, V. A. Trofimov, A. V. Shlau. Khim. mash. no. 6·4-6 N-D '61.

CEPHALIN

Complex lipides. Synthesis of α-(α-linoleoyl-β-stearoyl)-cephalin N. A. Bogoslovskii, G. I. Samokhvalov, N. A. Preobrazhenskii Zhur ob khim. 32 no. 1·135-137 Ja '62

Investigation in the field of complex lipides. Synthesis of (α-oleoyl-β-stearoyl) phosphatidylethanolamine. V. M. Poliachenko, G. I. Samokhvalov, N. A. Preobrazhenskii. Zhur ob. khim. 32 no 2;396-398 F '62

CEPHALOPODA

Sources of the electroretinogram in Cephalopoda. A. L. Byzov, O. IU. Orlov. Fiziol zhur. 48 no 1;16-23 Ja '62.

CERAMIC INDUSTRIES

[Manual on the manufacture of construction ceramics] Spravochnik po proizvodstvu stroitel'noi keramiki. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam.

Vol. 2. [Ceramics for trim and special purposes] Otdelochnaia i spetsial'naia stroitel'naia keramika. Pod red. D. N. Poluboiarnova i V. L. Balkevicha. 1961. 640 p.

CERAMIC MATERIALS

(see also subdivision under Kazakhstan)

Sound-absorbing porous ceramic material. K. A. Smirnova. Trudy NIIStroikeramiki no. 16;132-140 '60.

Utilization of nepheline syenites from some Ural and Siberian deposits as a raw material for ceramics. V. A. Meitina, V. I. Magidovich. Trudy NIIStroikeramiki no. 16;60-69 '60.

CERAMIC MATERIALS—ELECTRIC PROPERTIES

Regular processes of the exchange of cations in the liquefaction of ceramic suspensions. E. I. Zavarzina Trudy NIIStroikeramiki no. 16;48-59 '60.

CERAMIC MATERIALS—TESTING

Method of calibrating apparatus and calculations in thermal analysis. IU. P. Barskii. Trudy NIIStroikeramiki no. 16;149-162 '60.

CERAMIC METALS

(see also subdivision under Armenia)

Preparation of a cobalt-tungsten ceramic metal alloy for instrument manufacture. A. V. Savin, IU. A Ehluk Sbor. trud. VNIITS no 2 15-23 '60.

Properties and use of cermet parts in machinery manufacture. IU. F. Morozov, V. A. Dymchenko. Mashinostroenie no 1;3-8 Ja-F '62.

Study of new hard-alloy brands for air-percussion boring. G. S Kreimer and others. Sbor. trud. VNIITS no. 2;3-14 '60

CERAMIC METALS—CORROSION

Scale resistance of ceramic metal hard alloys on a titanium-carbide base. I. S. Brokhin, I. I Ol'khov. Sbor. trud VNIITS no 2·148-157 '60.

CERAMIC METALS—METALLOGRAPHY

Khorpiakov, O. T., IU. B. Paderno, and V. P. Dzehanovs'kyi. [Standard X-ray patterns of hard and high-melting alloys] Etalonni rentgenogramy tverdykh i tuhoplavkykh spoluk. Pid red. H. V. Samsonova. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 62 p.

CERAMIC METALS—TESTING

Certain mechanical properties of ceramics on an aluminum-oxide base and hard alloys at high temperatures. I. S. Brokhin, I. I. Ol'khov, A. B. Platov. Sbor. trud. VNIITS no. 2·113-126 '60.

Strength, hardness, and toughness of ceramic metal hard alloys of tungsten carbide - cobalt depending on their composition, structure and temperature of testing. G. S. Kreimer, A. L. Baranov, N. A. Alekseeva. Sbor. trud. VNIITS no. 2 57-76 '60

CERAMIC METALS—THERMAL PROPERTIES

Heat-resistance of ceramic metal hard alloys on a titanium-carbide base. I. S. Brokhin and others. Sbor. trud VNIITS no. 2·135-147 '60.

CERAMIC PLANTS

Technological layouts and parameters of the production of glazed facing tiles in an automated plant. G. S. Blokh, L. F. Shuliko. Trudy NIIStroikeramiki no. 16;3-14 '60.

CERAMICS

(see also subdivision under Skopin)

[Handbook on the manufacture of structural ceramics] Spravochnik proizvodstvu stroitel'noi keramiki. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam.

Vol. 1. [General information and production control] Obshchie svedeniia i kontrol' proizvodstva. Pod red. M. O. IUshkevicha. 1961. 464 p.

CERAMICS—TESTING

Some factors which determine the elastic expansion and stratification of ceramic powders when molded. F. V. Kondrashev, R. IA Popil'skii. Trudy NIIStroikeramiki no. 16:84-99 '60.

Study of causes of the formation of cracks on sanitary engineering and structural elements M. K. Gal'perina, T. Kh. Fedorova. Trudy NIIStroikeramiki no. 16:70-83 '60.

CEREBELLUM

Cerebellar connections of the mesencephalic nucleus of the trigeminal nerve [with summary in English]. TS'ung IU-Chuan (TS'ang Yu-Ch'uang). Arkh. anat. gist. i embr. 41 no. 7:38-47 Jl '61.

Effect of vestibular stimulation on mitotic cell division in the external granular layer of the cerebellar cortex in kittens and puppies [with summary in English]. E. N. Kosmarskaia. Arkh. anat. gist. i embr. 41 no. 7:48-53 Jl '61.

CEREBELLUM—TUMORS

Case of cystic hemangioma of the cerebellum (Lindau's tumor) with the presence of simultaneous metastasis of hypernephroma in the cerebellum [with summary in French] R George, F. Francisc. Zhur nevr. i psikh. 61 no 11:1644-1649 '61.

CEREBRAL ARTERIOSCLEROSIS

Importance of an experimental psychological examination in the diagnosis of early forms of cerebral arteriosclerosis in flying personnel. L. M. Moskovich. Voen.-med. zhur no 8:59-60 Ag '61.

CEREBRAL CORTEX

Behavioral reactions of cats following the removal of the neocortex [with summary in English]. M. A. Nutsubidze, TS. A. Ordzhonikidze. Trudy Inst. fiziol. AN Gruz. SSR 12:85-93 '61.

Changes in the nerve cells of the cerebral cortex caused by strychnine [with summary in English]. S. I. Beritashvili. Trudy Inst. fiziol. AN Gruz. SSR 12:1 37-145 '61

Cortical zones of the specifically human analysers. IU. G. Shevchenko. Vop. antr. no. 5:3-18 '60.

Cytoarchitectonics of the cerebral neocortex in the order of Rodentia (white rat) [with summary in English] V. M. Svetukhina. Arkh. anat. gist. i embr. 42 no. 2 31-45 F '62.

Dependence of excitation and inhibition processes in the cerebral cortex in dogs in experimental diabetes. A. M. Marits. Zdravookhranenie 4 no. 6, 34-37 N-D '61

Dynamics of the electrical reactions of the cortex in the process of individual development. R. S. Mrukhina. Fiziol. zhur. 48 no. 2:170-178 F '62

Effect of reserpine on the amount of nucleic acids in different layers of the cerebral cortex. M. N. Baranov Dokl AN SSSR 143 no 1 221-224 Mr '62.

Effect of the cervical sympathetic nerve and adrenaline on the functioning of the nonspecific thalamocortical structures. M. G. Belokhova. Fiziol. zhur. 48 no. 2: 134-144 F '62.

"Histonomy of the cerebral cortex" [in English] by S. T. Bok. Reviewed by T. I. Bedova. Vop. antr. no 8 167-168 '61

History of the study of the corticovisceral problem in the Institute of Experimental Medicine of the Academy of Medical Sciences of the U.S.S.R. A. V. Rikkl'. Vest. AMN SSSR 16 no. 11:17-20 '61.

Morphological bases for the unequal role of the auditory and optical analysers in the behavior of dogs and monkeys [with summary in English]. V. P. Zvorykin. Arkh. anat. gist. i embr. 41 no. 7:28-37 Jl '61.

Postcentral region of the cerebral cortex in Papio hamadryas. T. I. Belova. Vop. antr. no. 6:30-43 '61.

Role of the archicortex in the emotional reactions of cats [with summary in English]. TS. A. Ordzhonikidze, M. A. Nutsubidze. Trudy Inst. fiziol. AN Gruz. SSR 12: 95-105 '61.

Role of the cerebral cortex in the regulation of vitamin C metabolism. V. S. Kulikova Fiziol. zhur. 48 no. 2: 145-149 F '62.

Role of the frontal segments of the cerebral cortex in the formation of feeding behavior. K. V. Sudakov. Fiziol. zhur. 48 no. 2:165-169 F '62.

Secondary electric response of the cerebral cortex [with summary in English]. P. M. Sierkov, V. V. Russiev. Fiziol. zhur. [Ukr.] 8 no. 1:45-53 Ja-F '62.

Some data on cortical localization and separate work of paired auditory centers in dogs [with summary in English]. V. M. Mosidze. Trudy Inst. fiziol. AN Gruz. SSR 12:107-110 '61.

Study of changes in the bio-electric mosaic of the cerebral cortex in schizophrenics during treatment with acepromazine (plegicil) [with summary in French]. F. A. Leibovich. Zhur. nevr. i psikh. 61 no. 6:886-901 '61.

CEREBRAL CORTEX—BLOOD SUPPLY

Investigating the interrelationships of capillaries with different parts of pyramidal neurons of the cerebral cortex [with summary in English]. E. S. Cholokashvili. Trudy Inst. fiziol. AN Gruz. SSR 12:147-151 '61.

CEREBRAL CORTEX—INNERVATION

Changes in the neurons and neuroglia in a culture of the cerebral cortex [with summary in English]. S. N. Olenev. Arkh. anat. gist. i embr. 42 no. 2:46-53 F '62.

Regularities in the growth of the pyramidal cells of the frontal lobe cortex in the postnatal ontogenesis of man. I. I. Glezer. Vop. antr no. 6:121-128 '61

CEREBRAL CORTEX—WOUNDS AND INJURIES

Karyokinesis of neurons and regeneration of the cerebral cortex of adult rats following mechanical injury [with summary in English]. N. F. Kastrikin. Arkh. anat. gist. i embr. 41 no. 7:54-57 Jl '61.

CEREBRAL HEMORRHAGE see Apoplexy

CEREBROSPINAL FLUID

Absorption spectroscopy of human cerebrospinal fluid in the ultraviolet spectrum [with summary in French] V. A. Del'va. Zhur. nevr. i psikh. 61 no 6 829-832 '61.

CEREBROVASCULAR DISEASE

Astakhov, S. N. [Prevention and treatment of disorders in cerebral circulation] Preduprezhdenie i lechenie rasstroistv mozgovogo krovoobrashchenia. [Leningrad] Medgiz, 1961. 98 p. (Nauchno-populiarnaia meditsinskaia literatura) (DNLM)

Correlation of the vascular (somatogenic) and the psychogenic in the clinical aspects of some reactive states. L. N. Vishnevskaia. Probl. sud. psikh. 9:223-228 '61.

Diurnal dynamics and asymmetry of arterial pressure in cerebrovascular lesions and hypertension Z. I. Eletskaia Med. zhur. Uzb. no. 2:51-56 F '60

State of olefactory and trigeminal sensitivity in acute disorders of the cerebral circulation [with summary in English]. A. Z. Dubrovskii, Z. N. Diacheva Vest. otorin no 2 22-26 '62

State of the general (nonspecific) immunological reactivity of the organism in disorders of the cerebral circulation. E. Z. Putintseva Zdrav. Kazakh. 21 no. 6:39-43 '61

Use of novocaine in cerebral arteriosclerosis. S. V. Litovchenko, N. S. Gavrilchik, P. G. Sabitova. Vrach delo no 1:68-72 Ja '62.

CERIUM

Alloying 35L steel with boron and cerium. V. N. Gonchar, P. F. Ivantsov Izv. vys. ucheb zav. chern. met 5 no 1: 160-166 '62.

Hall effect in cerium in a first-order phase transition. A. I. Likhter, V. A. Venttsel'. Fiz. tver. tela 4 no. 2 485-489 F '62.

Separating cerium from other rare-earth elements by oxidation with oxygen under pressure A. N. Zelikman, Z. M. Liapina. Izv. vys. ucheb. zav., tsvet. met. 5 no. 1: 115-120 '62.

CERIUM COMPOUNDS

Reaction of cerium with hypochlorous acid compounds. A. A. Ivakin. Zhur. prikl. khim 35 no 2:245-250 F '62.

CERIUM FLUORIDE

Solubility of thorium, lanthanum, and cerium fluorides in uranyl nitrate solutions [with summary in English]. E. N. Deichman, I. V. Tananaev. Zhur. anal. khim. 17 no. 1:134-136 Ja-F '62.

CERUSSITE see subdivision under Transcarpathia

CESIUM

Possible geochemical relationship between cesium and boron [with summary in English]. O. D. Stavrov, V. G. Khitrov. Geokhimiia no. 1:53-61 '62.

Surface tension of metallic cesium O. A. Timofeevicheva, V. B. Lazarev. Izv. AN SSSR Otd. khim nauk no 2 359-360 F '62.

Threshold temperature of surface ionization of cesium on tungsten as a function of the elasticity of cesium vapors. E. IA. Zandberg, V. I. Paleev, A. IA. Tontegode Zhur tekh fiz. 32 no. 2 208-213 F '62.

CESIUM—ISOTOPES

Distribution of strontium-90 and cesium-137 among the components of a biogeocoenose. G. I. Makhonina and others. Dokl. AN SSSR 140 no. 5:1209-1212 O '61.

CESIUM CHLORIDE

Activity coefficients of cesium chloride in N-methylformamide. IU. M. Povarov and others. Dokl AN SSSR 142 no. 5:1128-1129 F '62.

CEYLON—COMMUNIST PARTY

Communists, Ekaterina Shevcleva. Znamia 31 no. 11: 11-16 N '61.

CEYLON—POLITICS AND GOVERNMENT

Who is behind the Ceylonese conspirators? I. Romanov. Mezhdunar. zhizn' 9 no. 3:116-117 Mr '62.

CEYLON—RELATIONS (GENERAL) WITH RUSSIA

The East looks into the future. Az. i Afr. sog. no. 2:32 F '62.

CHAETOMIUM

Variation of the morphological features of the species of Chaetomium Kunze ex Fr. [with summary in English]. N. P. Cherepanova. Bot. zhur. 47 no. 1:45-54 Ja '62.

CHAIKOVSKII, PETR IL'ICH, 1840-1893

Khokhlov, IU. N. [Orchestral suites by Chaikovskii] Orkestrovye siuity Chaikovskogo. Moskva, Gos. muzykal'noe izd-vo, 1961 91 p. (Biblioteka slushatelia kontsertov)

Krauklis, G. V. [Violin works of P. I. Chaikovskii] Skripichnye proizvedeniia P. I. Chaikovskogo. Moskva, Gos. muzykal'noe izd-vo, 1961. 50 p. (K Mezhdunarodnomu konkursu P. I. Chaikovskogo)

Tumanina, N. V. [Chaikovskii and the musical theater, a book for music lovers] Chaikovskii i muzykal'nyi teatr; kniga dlia liubitelei muzyki. Moskva, Gos. muzykal'noe izd-vo, 1961. 263 p. illus.

Vladykina-Bachinskaia, N. M. P. I. Chaikovskii. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 159 p. (Bibliotechka "Khudozhestvennaia samodeiatel'nost', no. 35)

CHAINS

Calculating basic tension in branches and the initial tension in one-loop chain transmissions V. L. Popov. Konstr. i tekh. mash. no. 1:02-04 '61.

Cold bilateral upsetting of traction chain rollers. V. M. Miasnikov Kuz.-shtam. proizv. 4 no. 2:13-15 F '62.

CHAKOVSKII, ALEKSANDR

"The paths which we choose", a novel by A. Chakovskii. Reviewed by A. Lisshenko. Ukraina no 5 23 Mr '62.

CHALATKE—BRIDGES, ARCHED

Bridge in Chalatke B. M. Nadezhin Arkhit nas 13 61-66 '61

CHALCOPYRITE

(see also subdivision under Caucasus, Northern)

Oxygen depletion of the atmosphere in stopes of pyritic copper mines. IA. Z. Bukhman. Gor. zhur. no 12 55-57 D '61

CHALDIAN LANGUAGE see Cuneiform inscriptions, Vanic

CHALK

Study of the basic parameters of hydraulic conveying of chalk under winter conditions. A. D. Gusarov, IU. M. Petrov. Sbor. trud. NIIZhelezobetona no. 3:124-133 '60.

CHAMBER MUSIC—HISTORY AND CRITICISM

Raaben, L. N. [The instrumental ensemble in Russian music] Instrumental'nyi ansambl' v russkoi muzyke. Moskva, Gos. muzykal'noe izd-vo, 1961. 474 p.

CHANGE OF LIFE IN MEN see Climacteric

CHANSONS DE GESTE

Notes on books. Sred. veka no 19:283-284 '61.

CHAPAEV, VASILII IVANOVICH, 1887-1919

Following Furmanov's advice. E. Artemov. Ogonek 40 no. 7:8 F '62

The people's hero. N. Khlebnikov. Voen. znan. 38 no. 2:13 F '62.

CHAPAEV FAMILY

In the family of Vasilii Ivanovich Chapaev. Semia i shkola 17 no. 2 36-38 F '62

CHAPLIN, CHARLES, 1889-

Our interlocutor Charles Chaplin. N. Maslova. Isk. kino no. 1: 147-151 Ja '62.

CHARA VALLEY—DESCRIPTION AND TRAVEL

The Chara Valley. M. Zaplatin. Vokrug sveta no. 4:33-34 Ap '61.

CHARDZHOU—PACKING HOUSES

New enterprise has come into being. S. Gukasov. Mias. ind SSSR 32 no 6 12-13 '61.

CHARDZHOU—SOVIETS

The work of departments with nonsalaried personnel. Sov. deput. trud. no. 2:104-106 F '62.

CHASOV YAR REGION—STRIP MINING

Conveyor transportation in the Chasov Yar pits. B. V. Faddeev, G. S. Zalchenko. Gor. zhur. no 7:42-45 Jl '61.

CHEBOKSARSKIY DISTRICT—SCHOOL SUPERVISION

Public inspectors are a great force. M. Eniseev. Nar. obr. no. 2:16-17 F '62.

CHEBOKSARY—COMMUNITY AND SCHOOL

Pioneer brigade and a factory. S. Ukh'lankin. Nar. obr. no. 2:94-96 F '62.

CHEBOKSARY—SERVOMECHANISMS

One-turn electric servomechanism. Mashinostroitel' no. 2:13 F '62.

CHECHEN LANGUAGE—AFFIXES

Prefixes and suffixes in the Chechen and Ingush literary languages. F. G. Ozdoeva. Izv. Chech.-Ing. nauch. issl. inst. ist., iaz. i lit. 2 no. 2:70-100 '61.

CHECHEN LANGUAGE—TENSE

System of past tenses in the Chechen and Ingush languages. R. I. Dolakova. Izv. Chech.-Ing. nauch. issl. inst. ist., iaz. i lit. 2 no. 2:3-69 '61.

CHECHEN LANGUAGE—VERB

Verbal work formation in the Chechen literary language. K. Z. Chokaev Izv. Chech.-Ing. nauch. issl. inst. ist., iaz. i lit. 2 no. 2:101-115 '61

CHECHEN LANGUAGE—WORD FORMATION

Verbal work formation in the Chechen literary language. K. Z. Chokaev Izv. Chech.-Ing. nauch. issl. inst. ist., iaz. i lit. 2 no. 2:101-115 '61.

CHECHEN-INGUSH A. S. S. R.—ANTIQUITIES

New data on the archaeology of the Chechen-Ingush A.S.S.R., from the work results of the North Caucasian Expedition of 1958. R. M. Munchaev. Kratk. soob. Inst. arkheol. no. 84 56-62 '61

CHECHEN-INGUSH A. S. S. R.—OIL RESERVOIR ENGINEERING

Analysis of the results of using radioactive isotopes to establish the hydrodynamic connection between separate intervals of the productive formation of the Karabulak-Achaluki field. E. V. Sokolovskii. Trudy GrozNII no. 10:60-67 '61.

Estimation of the factor of porosity based on the productivity factor. L. I. Mikhailov, D. N. Kuz'michev. Neft. khoz. 40 no. 1:36-39 Ja '62.

Hydrodynamic connection by area and by cross section of the productive formation of Upper Cretaceous sediments of the Karabulak-Achaluki field. N. P. Lebedinets. Trudy GrozNII no. 10:50-59 '61.

CHECHEN-INGUSH A. S. S. R.—OIL WELL DRILLING FLUIDS

Lime treatment of clay muds. N. P. Bashkakov, N. IA. Martirosov. Neft. khoz. 40 no. 1:26-31 Ja '62.

CHEEKBONE—FRACTURE

Diagnosis and treatment of fractures of the zygomatic bone or arch. E. A. Aleksandrova Probl. stom. 5: 300-302 '60.

CHEKHOV, ANTON PAVLOVICH, 1860-1904

Kolokolova, L. I. [Personal names in the early works of A. P. Chekhov; anthroponymy in literature] Imena sobstvennye v rannem tvorchestve A. P. Chekhova; literaturno-khudozhestvennaia antroponimika. [Kiev] Izd-vo Kievskogo univ., 1961. 74 p.

CHEKHOV, ANTON PAVLOVICH, 1860-1904—HOMES AND HAUNTS

Balabanovich, E. Z. [A home on Kudrin Street; from the life of A. P. Chekhov] Dom v Kudrine, iz zhizni A. P. Chekhova. [Moskva] Mosk. rabochii, 1961. 269 p.

CHEKUROVKA REGION—MAMMOTH

The Chekurovka mammoth and its life conditions. S. S. Korzhuev, R. V. Fedorova. Dokl. AN SSSR 143 no. 1 181-183 Mr '62.

CHELATES

Polycondensation synthesis of polychelate titanium siloxane elastomers. K. A. Andrianov, Sh. V. Pichkadze, V. V. Komarova Izv. AN SSSR Otd. khim. nauk no. 2 261-264 F '62.

CHELATES—ELECTRIC PROPERTIES

Electric conductivity of chelate polymers. A. P. Terent'ev and others. Dokl. AN SSSR 140 no. 5 1093-1095 O '61.

CHELEKEN PENINSULA—PETROLEUM INDUSTRY

Cheleken petroleum industry district before the October. IU. S. Kuznetsov. Izv. AN Turk. SSR Ser. obshchestv. nauk no. 6:50-65 '61.

CHELYABINSK—ADMINISTRATIVE ECONOMIC COUNCILS

In the Technical and Economic Committee of the Chelyabinsk Economic Council. V. P. Nazarov. Biul. tekh.-ekon. inform. no. 1:83-84 '62.

CHELYABINSK—CONSTRUCTION INDUSTRY

Evaluation of methods of distributing housing construction. M. Vainberg, V. Lakhtin. Zhil. stroi. no. 12:2-3 '61.

CHELYABINSK—METALLURGICAL LABORATORIES

Increasing the importance of plant laboratories by the introduction of scientific and technological innovations. N. V. Keis, A. I. Komissarov. Zav. lab. 28 no. 1:117-118 '62.

CHELYABINSK—PIPE MILLS

Propane-butane cutting at the Chelyabinsk Pipe Rolling Mill. IU. A. Kalachev, A. T. Beresnev, I. I. Sergeev. Svar. proizv. no. 3:36-37 Mr '62.

CHELYABINSK—RAILROADS—SIGNALING

Nikol'skii, A. A., I. E. Dyskin, and M. I. Sokolov. [Winning the high title; work practices of the collective of the route control interlocking system point of the Chelyabinsk Station of the Southern Urals Railroad] Vysokoe zvanie zavoevano; opyt raboty kollektiva posta marshrutno-releinoi tsentralizatsii stantsii Chelyabinsk IUzhno-Ural'skoi zh. d. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 15 p.

CHELYABINSK—TRACTORS—DESIGN AND CONSTRUCTION

Tractor with a diesel motor and electric generator. G. Malinichev. IUn. tekh. 6 no. 2:26 '62.

CHELYABINSK BASIN—COAL MINES AND MINING

New system of mining thick steeply dipping seams. K. F. Fedorov, IU. A. Bessolitsyn Ugol' 37 no. 2:9-12 F '62.

Roof caving in longwalls without the use of special supports. A. S. Melikhov, V. N. Shishov. Ugol' 37 no. 2: 14-15 F '62

CHELYABINSK BASIN—MINE DUSTS

Dust control measures in the mechanized longwalls of Chelyabinsk Basin T. K. Efremova, V. P. Ufimtsev Ugol' 37 no. 3 55-58 Mr '62

CHELYABINSK PROVINCE—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Dynamic organizers of the masses M. Efremov Part. zhizn' no. 6 17-23 Mr '62

CHEMICAL APPARATUS—EXHIBITIONS see subdivision under Frankfurt am Main

CHEMICAL BONDS

Effect of chemical bonds on the X-ray emission spectrum of titanium. M. A. Blokhin, A. T. Shuvaev. Izv. AN SSSR. Ser. fiz. 26 no. 3:429-432 Mr '62.

Problem of Si-O bonds and interatomic distances in silicates A. N. Lazarev. Zhur. ob. khim. 31 no. 12: 4061-4062 D '61.

CHEMICAL ELEMENTS

Genealogy of the names of elements (continuation). L. Levitskii. Nauka i zhizn' 28 no. 12, 43 D '61.

CHEMICAL ENGINEERING—BIBLIOGRAPHY see Bibliography—Chemical engineering

CHEMICAL ENGINEERING—EQUIPMENT AND SUPPLIES

Increase in labor productivity is the most important problem of our time. Khim. mash. no. 6:1-3 N-D '61.

Long experience in operating the BR-1 and BR-5 process hydrogen units. I. P. Ustukin. Khim. mash. no. 6:11-17 N-D '61.

New machines, apparatus, devices. Khim. mash. no. 6:45-47 N-D '61.

Zhmur, N. S., V. G. Nedrigailov, and V. I. Shagov, comps. [Installation of technological equipment used in the main processes of chemical plants] Montazh tekhnologicheskogo oborudovaniia osnovnykh protsessov khimicheskikh zavodov. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 346 p.

CHEMICAL ENGINEERING LABORATORIES

Organize central branch laboratories. N. Pokrovskii. Zav. lab. 28 no. 1 120 '62

CHEMICAL GEOLOGY see Mineralogy, Determinative

CHEMICAL INDUSTRIES

(see also subdivision under Kazakhstan; Novo-Moskovsk; Zaporozh'ye)

Characteristics of determining the level of mechanization and automation in the chemical industry. I. Mashinskii, B. Odintsov. Biul. nauch. inform. i trud i zar. plata 5 no. 2:10-15 '62.

Socialist competition in honor of the 22d Congress of the CPSU. A. I. IUshin. Khim. prom. no. 10:78 O '61

CHEMICAL INDUSTRIES—ACCOUNTING

Calculating production costs of chemical industries. E. Gol'dshtein. Bukhg. uchet 18 no. 1:12-19 Ja '62.

CHEMICAL INDUSTRIES—FINANCE see subdivision under Aktyubinsk

CHEMICAL INDUSTRIES—PERIODICALS

Conference of readers of the "Khimicheskaia promyshlennost'." Khim. prom. no. 2:149-150 F '62.

CHEMICAL KINETICS see Chemical reaction, Rate of

CHEMICAL LABORATORIES

Zhdanov, V. M., ed. [Collection of official materials relating to laboratory work] Sbornik ofitsial'nykh materialov po laboratornomu delu. Moskva, Medgiz,

Book 1. [Manual for laboratory doctors, sanitation doctors, and epidemiologists] V pomoshch' vracham-laborantam, sanitarnym vracham i vracham-epidemiologam. 1961. 462 p.

Book 2. [Manual for technicians in laboratories and sanitation and epidemiological stations, and for sanitation doctors and epidemiologists] V pomoshch' rabotnikam laboratorii, sanitarno-epidemiologicheskikh stantsii, sanitarnomu vrachu, vrachu-epidemiologu. 1961. 867 p. (DNLM)

CHEMICAL LABORATORIES—EQUIPMENT AND SUPPLIES

Paskudskii, A. V., and L. A. Bobrova. [Organization of a study room and performance of laboratory work on plastics and synthetic fibers] Organizatsiia uchebnogo kabineta i provedenie laboratornykh rabot po izucheniiu plasticheskikh mass i sinteticheskogo volokna. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1961. 40 p. (Obmen opytom raboty)

CHEMICAL LABORATORIES—SAFETY MEASURES

Central plant laboratories and safety problems. T. I. Moldaver Zav. lab. 28 no. 1 120-121 '62.

CHEMICAL MODELS

Braines, IA. M. [Similitude and modeling in chemical and petrochemical processes] Podobie i modelirovanie v khimicheskoi i neftekhimicheskoi tekhnologii. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 219 p.

Modeling of chemisorption processes. N. A. Gol'dberg, V. I. Kucheriavyi. Zhur. prikl. khim. 35 no. 2:350-356 F '62.

CHEMICAL PLANTS—FIRES AND FIRE PREVENTION

In a coke and chemical plant. IU. Averbakh, I. Kireev Pozh. delo 8 no. 2 12 F '62.

CHEMICAL PLANTS—HEATING AND VENTILATION

Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Instructions SN 177-61 on designing the heating and ventilation of plants manufacturing phenol formaldehyde resins by the batch process] Ukazaniia po proektirovaniiu otopleniia i ventilatsii tsekhov proizvodstva fenolformal'degidnykh smol po periodicheskomu metodu SN 177-61. Utverzhdeny... 15 avgusta 1961 g. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 26 p.

CHEMICAL REACTION, HEAT OF

Nomogram for determining the thermal effect of neutralization reaction during the production of ammonium nitrate. IA. I. Kil'man Khim. prom. no. 2:146 F '62

CHEMICAL REACTION, RATE OF

Chemical reactions under chromatography conditions. S. Z. Roginskii, M. I. IAnovskii, G. A. Gaziev. Dokl. AN SSSR 140 no. 5:1125-1127 O '61.

[Flames and chemical kinetics. Translated from the English. Preface by S. A. Gol'dsberg] Plamena i khimicheskaia kinetika; sbornik statei Moskva, Izd-vo inostr. lit-ry, 1961. 352 p.

High-speed chemical processes at low temperatures. V. A. Lishnevskii, B. M. Uzhinov, G. B. Sergeev. Dokl. AN SSSR 142 no. 5:1116-1119 F '62.

CHEMICAL REACTIONS

Deduction of formulas for the calculation of monovariant reactions of multicomponent systems by means of standard calculating machines [with summary in English]. L. L. Perchuk, E. I. Zverovich. Geokhimiia no. 1 82-89 '62.

Method for determining the rates, activation energy, and zones of simple and complex reactions in a silicate. G. M. Panchenkov, IU. M. Zhorov. Neftekhimiia 1 no. 2 172-181 Mr-Ap '61.

Pavliuchenko, M. M. [Heterogeneous chemical reactions] Geterogennye khimicheskie reaktsii. Minsk, Izd-vo M-va vysshego, srednego spetsial'nogo i professional'nogo obrazovaniia BSSR, 1961. 261 p.

CHEMICAL STRUCTURE

Butlerov's (1861-1961) theory and law of chemical structure. S. N. Danilov. Zhur. ob. khim. 32 no. 2:333-347 F '62.

CHEMICAL TESTS AND REAGENTS

Certain properties of formaldoxime and its reactions with metal ions [with summary in English]. Z. Marczenko, J. Minczewski. Zhur. anal. khim. 17 no. 1: 23-27 Ja-F '62.

CHEMICAL WARFARE—SAFETY MEASURES

Commitments have been fulfilled. G. Petrenko. Voen. vest. 41 no. 10 99 O '61.

In the sector of "contamination." F. Semianovskii. Starsh.-serzh. no. 10, 20 O '61.

Result of collective work. R. Airapetian Voen. vest. 41 no. 10:100-102 O '61.

CHEMICAL WORKERS—DISEASES AND HYGIENE see subdivision under Uzbekistan

CHEMICALS—PHYSIOLOGICAL EFFECT

Changes in the principal human cortical processes depending on age and under the effect of small concentrations of harmful chemical substances. IU. I. Vasilenko. Vrach. delo no. 1:130-133 Ja '62.

CHEMICALS INDUSTRY

Effectiveness of manufacturing chemical products from shale tars. E. V. Bryzgalova, B. F. Natarov. Khim. i tekh. gor. slan. i prod. ikh perer. no. 3:31-50 '60.

Manufacture of chemical products as the economic basis of shale processing. V. V. Sredin. Khim. i tekh. gor. slan. i prod. ikh perer. no. 3:13-30 '60.

CHEMICALS INDUSTRY—EQUIPMENT AND SUPPLIES

Russia (1917- R. S. F. S. R.) Ministerstvo stroitel'stva. Upravlenie kadrov. Metodicheskii kabinet. [Equipment for the petrochemical industry and oil and gas refineries; program and tests for correspondence technical school courses "Installation and maintenance of industrial equipment"] Oborudovanie predpriiatii neftegazopererabatyvaiushchei i neftekhimicheskoi promyshlennosti; programma i kontrol'nye raboty dlia zaochnogo obucheniia po spetsial'nosti tekhnikumov "Montazh i remont promyshlennogo oborudovaniia." Moskva, 1959. 14 p.

[MICROFILM]

CHEMISTRY

Chemistry and the creation of material and technical foundations of communism. N. M. Zhavoronkov. Khim. prom. no. 10 1-7 O '61.

Concerning the conversion algorithm of a complex compound given in a rational nomenclature to a linear formula. A. I. Seifer, V. S. Shtein. Soob. LEM AN SSSR no. 1:172-183 '60.

Methods for algorithmating the conversion of inorganic compounds to formulas. A. I. Seifer. Soob. LEM AN SSSR no. 1:183-204 '60.

Some important objectives of chemistry in the light of the decisions taken at the 22d Congress of the CPSU. Zhur. ob. khim. 31 no. 12 I-IV D '61.

Vasiuchenko, S. I. [Chemistry for technical schools] Khimiia dlia tekhnikumov. Izd. 4., pererab. i dop. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 395 p.

CHEMISTRY—ABSTRACTS

[Chemistry.] Ref. zhur.: Khim. no. 2 F '62. Ukazateli za 1959 g. Avtorskii ukazatel'.

CHEMISTRY—BIBLIOGRAPHY see Bibliography—Chemistry

CHEMISTRY—CONGRESSES

Annual meeting of the Chemical Society of the German Democratic Republic. V. I. Evdokimov. Vest. AN SSSR 32 no. 3:78 Mr '62.

CHEMISTRY—DICTIONARIES

[Concise chemical encyclopedia] Kratkaia khimicheskaia entsiklopediia. Red. kollegiia: I. L. Knunyants i dr. Moskva, Gos. nauchn. izd-vo "Sovetskaia entsiklopediia." (Entsiklopedii, slovari, spravochniki)
Vol. 1. A - E. 1961. 1262 p.

CHEMISTRY—PHILOSOPHY

A talk with Professor Linus Pauling. Vop. filos. 16 no. 2, 145-150 '62.

CHEMISTRY—STUDY AND TEACHING
(see also subdivision under Elektrostal')

Extracurricular work is a strong stimulus for the development of cognitive interests. S. D'iakovich. Nar. obr. no. 2 48-51 F '62.

Sergeenkov, A. A., comp. [Chemistry in school and in life] Khimiia v shkole i v zhizni, sbornik statei ob opyte raboty uchitelei po soedineniiu obucheniia s proizvoditel'nym trudom uchashchikhsia. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 173 p.

When their work is creative. B. Orlov. Nar. obr., no. 3, 79-81 Mr '62.

CHEMISTRY, ANALYTICAL

Automation of the production and analytical control. M. A. Veksler, N. N. Timoshenko. Zav. lab. 28 no. 1:3-4 '62.

From the work of the analysis department of pharmacy No. 11 in Leningrad. A. B. Shofman. Apt. delo 10 no. 6: 50-61 N-D '61.

Korostelev, P. P. [Preparation of solutions for chemo-analytical laboratory work] Prigotovlenie rastvorov dlia khimiko-analiticheskikh rabot. Moskva, Izd-vo Akad. nauk SSSR, 1962. 310 p.

New objectives of analytical chemistry in the light of the decisions taken by the 22d Congress of the CPSU. Zhur. anal. khim. 17 no. 1:4-5 Ja-F '62.

Preparation of finely dispersed silver for the microchemical analysis of elements [with summary in English]. V. A. Klimova, E. N. Merkulova. Zhur. anal. khim. 17 no. 1:142 Ja-F '62.

CHEMISTRY, ANALYTICAL—CONGRESSES

Conference on the preparation and analysis of extra-pure elements and substances. A. A. Tumanov. Zav. lab. 28 no. 1:128-127 '62.

CHEMISTRY, ANALYTICAL—QUALITATIVE

Koniushko, I. M. [Qualitative chemical analysis] Kachestvennyi khimicheskii analiz. Minsk, Izd-vo M-va vysshego, srednego spetsial'nogo i professional'nogo obrazovaniia BSSR, 1961. 488 p.

CHEMISTRY, MEDICAL AND PHARMACEUTICAL

Pharmaceutical suspensions. IU. A. Blagovidova, A. I. Tentsova. Apt. delo 10 no. 6:64-72 N-D '61.

CHEMISTRY, METALLURGIC—EQUIPMENT AND SUPPLIES

Pickling baths with a steel shell. B. Nikonov, V. Elistratov. Metallurg 7 no. 3, 32-33 Mr '62.

CHEMISTRY, ORGANIC

Concerning the algorithm of the conversion of structural formulas of organic chemistry to a canonized form. V. E. Borshchev, G. E. Vleduts, V. K. Finn. Soob. LEM AN SSSR no. 1:99-171 '60.

Concerning the automation of the conversion of the names of organic compounds to a standard form, and the conversion of structural formulas to systematic names. A. M. TSukerman, G. G. Stetsiura. Soob. LEM AN SSSR no. 1:241-248 '60.

Development of organic chemistry in works of the scientists of the Odessa University. O. S. Stepanova, A. I. Mozharova'ka. Nar. z ist. tekh. no. 7, 13-26 '61.

Stepanenko, B. N. [Course in organic chemistry] Kurs organicheskoi khimii. 2. izd. Moskva, Medgiz, 1961. 595 p.

CHEMISTRY, ORGANIC—CONGRESSES

Butlerov Symposium in Leningrad. A. A. Petrov. Vest. AN SSSR 32 no. 3, 96-97 Mr '62.

CHEMISTRY, ORGANIC—LABORATORY MANUALS

IUr'ev, IU. K. [Laboratory work in organic chemistry] Prakticheskie raboty po organicheskoi khimii. 2., dop. izd. [Moskva] Izd-vo Mosk. univ.
No. 1-2. 1961. 418 p.

CHEMISTRY, ORGANIC—TRANSLATING

Problems in the creation of a machine language for organic chemistry. G. E. Vleduts, V. K. Finn. Soob. LEM AN SSSR no. 1:67-99 '60.

CHEMISTRY, PHYSICAL AND THEORETICAL

Semiclassic consideration of the problem of electron exchange in solutions. R. R. Dogonadze. Dokl. AN SSSR 143 no. 5:1108-1111 F '62.

CHEMISTRY, PHYSICAL AND THEORETICAL—CONGRESSES

Moscow. Fiziko-khimicheskii institut. [Scientific conference celebrating the 40th anniversary of the Institute; abstracts of reports] Nauchnaia iubileinaia konferentsiia, posviashchennaia 40-letiiu Instituta; tezisy dokladov. Moskva, Gos. kom-t Soveta Ministrov po khimii, 1958. 37 p.
[MICROFILM]

CHEMISTRY, PHYSICAL AND THEORETICAL—LABORATORY MANUALS

Mishchenko, K. P., and A. A. Ravdel', eds. [Practical work in physical chemistry] Prakticheskie raboty po fizicheskoi khimii. Izd. 2., perer. Leningrad, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1961. 374 p.

CHEMISTRY, PHYSIOLOGICAL see Physiological chemistry

CHEMISTRY, TECHNICAL—CONGRESSES

At the Scientific and Technical Council of the State Committee of Chemistry. V. Kuvshinskii. Khim. prom. no. 2, 149 F '62.

CHEMOTHERAPY

Urgent problems in the chemotherapy of malignant tumors. I. T. Shevchenko. Nov. khir. arkh. no. 2:3-10 '62.

CHEMOTHERAPY—CONGRESSES

Second International Symposium on Antibiotics and Chemotherapy. G. F. Gauze. Antibiotiki 6 no. 12:1131-1134 D '61.

CHEREMENETSKOYE, LAKE—TOURISM

"Hikers" and "walkers." V. Viktorov. Ogonek 40 no. 7:28-20 F '62.

CHEREMKHOVO BASIN—COAL

Manufacture of metallurgical coke from weakly-coking coals of the Cheremkhovo deposit. F. A. Poputnikov. Obog. i brik. ugl. no. 17 69-73 '61.

CHERENKOV RADIATION

Acceleration of particles by radiation in a given medium. V. N. TSytovich. Dokl. AN SSSR 142 no. 2:319-321 Ja '62.

Excitation of waves in an infinite nonequilibrium plasma. M. S. Kovner. Zhur. tekh. fiz. 32 no. 2:145-155 F '62.

Theory of Vavilov-Cherenkov radiation in anisotropic media and in the presence of boundaries. V. E. Pafomov. Trudy Fiz. inst. 16:94-139 '61.

CHEREPET'—COAL MINES AND MINING—ACCIDENTS

Causes of roof sloping in the No. 6 mine. V. K. Grekov, IA. N. Chermashentsev. Bezop. trud v prom. 6 no. 2: 9-10 F '62.

CHERKASSY—AGRICULTURAL EXPERIMENT STATIONS

Cherkassy. Derzhavna sil's'kohospodars'ka doslidna stantsiia. [Sixty years of the Cherkassy (formerly Verkhnyaki) State Agricultural Experiment Station; collection of scientific papers] 60 rokiv Cherkas'koi (kol. Verkhniats'koi) derzhavnoi sil's'kohospodars'koi doslidnoi stantsii; zbirnyk naukovykh prats'. Kyiv, Vyd-vo Ukrains'koi akad. sil's'kohospodars'kykh nauk, 1961. 145 p.

CHERKASSY PROVINCE—PALYGORSKITE

Use of the Cherkassy Province palygorskite clay in molding mixtures. A. A. Striuchenko, A. A. Gorshkov. Lit. proizv. no. 2:4-7 F '62.

CHERKASSY PROVINCE—RURAL CONDITIONS

By the efforts of the workers themselves. A. Steshenko. Part. zhizn' no. 4:53-56 F '62.

CHERKASSY PROVINCE—SHOE INDUSTRY

Centralized cutting of leather goods. M. Arkhangorodskii. Sov. potreb. koop. 6 no. 2:42-43 F '62.

CHERNIGOV—TEXTILE INDUSTRY

Chernigov corduroy. Mykola Romanika. Ukraina no. 4, 19 F '62.

CHERNIGOV GOVERNMENT—SURGERY

History of zemstvo surgery in Chernigov Government. V. Ch. Brzheskii. Nov. khir. arkh. no. 4:124-127 Jl-Ag '60.

CHERNIGOV PROVINCE—POLITICS AND GOVERNMENT

Experience in drawing workers into the work of local soviets. O. Basiuk, P. Vatans'kyi. Rad. pravo no. 1, 76-80 Ja-F '62.

CHERNOGORA RANGE—DESCHAMPSIA

Materials on the dynamics of the development of grass and the aftergrowth on Deschampsia-dominant meadows in the Chernogora Range. N. IA. IErmachenko. Nauk. zap. Nauk.-pryrod. muz. AN URSR 9:129-139 '61.

CHERNOGORA RANGE—PASTURES AND MEADOWS

Materials on the dynamics of the development of grass and the aftergrowth on Deschampsia-dominant meadows in the Chernogora Range. N. IA. IErmachenko. Nauk. zap. Nauk.-pryrod. muz. AN URSR 9:129-139 '61.

CHERNOGORA RANGE—PHYTOGEOGRAPHY

Geobotanic characteristics of the southwestern part of the Chernogora Range. K. A. Malynovs'kyi. Nauk. zap. Nauk.-pryrod. muz. AN URSR 9:104-120 '61.

CHERNOGORA RANGE—RODENTIA

Distribution of murine rodents in the vegetative associations of the mountain valleys of the Borzhava and Chernogora Ranges. M. P. Rudyshyn. Nauk. zap. Nauk.-pryrod. muz. AN URSR 9:80-91 '61.

CHERNOGORA RANGE REGION—GEOLOGY, STRATIGRAPHIC

Recent data on the age of the Shipot and Dusino series in the Eastern Carpathians. O. S. Vialov, N. V. Dabagian, IA. O. Kul'chitskii. Dokl. AN SSSR 142 no. 4:886-890 F '62.

CHERNOYE LAKE REGION—MINE DRAINAGE

Drainage of the Lake Chernoye deposit with water level reduction wells. V. V. Prikhod'ko, A. V. Ermilov. Gor. zhur. no. 7:23-24 Jl '61.

CHERNOZEM SOILS
(see also subdivision under Bashkiria; Belaya Valley, Bashkiria)

Effect of cultivation on the hydrophysical properties of the subsoil of leached Chernozems. M. M. Khamidullin. Pochvy IUzh. Urala i Povol. no. 4:248-254 '60.

Plant root systems in turf-Podzolic and Chernozem soils. S. S. Il'in. Pochvy IUzh. Urala i Povol. no. 4:193-205 '60.

Subsoil; physical and chemical properties of the structural fractions of plow layer and subsoil of leached Chernozems. S. N. Tatchinov, M. M. Khamidullin, P. A. Kurchev. Pochvy IUzh. Urala i Povol. no. 4:238-247 '60.

CHERNYAKHOV DISTRICT—PLANT BREEDING

We build a new life through work. N. G. Zagladi. Rad. shk. 40 no. 2:7 F '62.

CHERNYSHEVSKII, NIKOLAI GAVRILOVICH, 1828-1889

Belik, A. P. [Chernyshevskii's views on aesthetics] Estetika Chernyshevskogo. Moskva, Vysshaia shkola, 1961. 282 p.

"Chernyshevskii's views on aesthetics" by A. P. Belik. Reviewed by P. A. Nikolaev. Vop. filos. 16 no. 3: 170-173 '62.

Riurikov, B. S. [N. G. Chernyshevskii; a biographic and critical sketch] N. G. Chernyshevskii; kritiko-biograficheskii ocherk. Moskva, Gos. izd-vo khudozh. lit-ry, 1961. 220 p.

CHESS

Chess. V. V. Smyslov. Tekh. mol. 30 no. 1:39 '62.

Tournament of chess amateurs. Znan. ta pratsia no. 2: 31 F '62.

CHESS—MIDDLE GAMES

Chess. Sel'. mekh. no. 2:45 '62.

Master of the miniature. I. Maksimov. Nauka i zhizn' 28 no. 12:77 D '61.

CHESS—TOURNAMENTS

Fifth chess Olympiad of "Smena." Smena 38 no. 24: 31 D '61.

Fifth chess Olympiad of "Smena." Smena 39 no. 3:32 F '62.

Second round of the Chess Olympiad. Nauka i zhyttia 11 no. 12, 60 D '61.

Surprises of Stockholm. Salo Flor. Ogonek 40 no. 8: 31 F '62.

Tals, M. [The Botvinnik-Tals match] Match Botvinnik - Tal'. Riga, Latviiskoe Gos. izd-vo, 1961. 222 p.

CHESS PROBLEMS

Chess. IUrii Bars'kyi. Ukraina no. 3:24 F '62.

CHEST—RADIOGRAPHY

Clinical X-ray observations of the state of the organs of the chest cavity during the days immediately following surgery on the lungs. V. G. Cheshik, D. M. Al'perovich. Zdrav. Bel. 7 no. 12:9-12 D '61.

CHEST—SURGERY

Achievements in contemporary chest surgery and the prospects for its further development S. A. Kolesnikov, V. M. Sergeev. Vest. AMN SSSR 16 no. 12,92-98 '61

Alloplasty of defects of the chest wall using capron (with summary in English) E. V. Serova. Vest. khir. no. 2 6-11 '62

Change in the blood formula in patients who have undergone surgical intervention on the organs of the chest cavity in combination with cortisone and hydrocortisone therapy [with summary in English] V. A. Kovanov, IU. S. Ezhov. Grud. khir. 4 no. 1:98-105 Ja-F '62

First experience in using porolon for plombage of the chest cavity in an experiment and in the clinic. A. G. Gubanov, G. G. Gorovenko, K. K. Berezovskii. Nov. khir. arkh. no. 3 65-72 My-Je '60

Immediate and late results of explorative thoracotomy in lung cancer [with summary in English] V. V. Rodionov. Vop. onk. 6 no. 1:12-18 '62.

Results of the use of thoracoplasty and extrapleural pneumolysis in pulmonary tuberculosis. G. G. Gorovenko and others. Probl. tub. no. 2 24-29 '62

Significance of thoracotomy in the diagnosis and treatment of pulmonary and extrapulmonary surgical diseases. T. A. Kunitsina, L. A. Migal'. Grud. khir. no. 5:75-81 '61

Study of gas metabolism using Bohlau's apparatus following effective thoracoplasty. L. G. Malysheva. Probl. tub. no. 2:102-104 '62

Thoracoplasty with preliminary drainage of the large and gigantic caverns in pulmonary tuberculosis. E. M. Iebedev. Grud. khir. no. 5:68-74 '61

CHEST—WOUNDS AND INJURIES

Treatment of severe disorders of the thoracic wall and organs of the thorax. M. S. Reevskii. Grud. khir. no. 5:106-109 '61

CHESTNUT—DISEASES AND PESTS

Cylindrosporium infection of hazel and chestnut and measures for its control. T. M. Akhundov. Trudy AzSTAZRa 1,115-122 '60

CHIATURA REGION—MANGANESE MINES AND MINING

Selective mining of seams with a complex structure in the pits of the Chiatura manganese basin. V. R. Kotava. Gor. zhur. no. 7:17-19 Jl '61.

CHICK-PEA see subdivision under Bashkiria

CHILD PSYCHIATRY

"Clinical lectures on child psychiatry" by G. E. Sukhareva. Reviewed by S. Mnukhin and D. Ozeretskovskii. Zhur. nevr. i psikh. 61 no. 11 1744-1745 '61

Materials on the history of Soviet child psychiatry. V. M. Lupandin. Vop. psikh. no. 4:20-29 '60.

CHILD STUDY

Development of initiative and activeness of the head of detachment council and group leaders in the junior Pioneers' detachment. D. I. Latyshina. Dokl. APN 5 no. 2:29-30 '61.

Emotions in little children. G. M. Liamina. Doshk. vosp. 35 no. 2,50-54 F '62

Perception by students of the three-dimensional and flat images of objects. Report No. 2 Perception of color. N. V. Modestova. Dokl. APN 5 no. 3:31-33 '61.

Some typological differences in the play activity of children. L. I. Umanskii. Dokl. APN 5 no. 3:01-04 '61.

Special characteristics of orienting and exploratory activity in the process of visual perception of space in preschool children. Z. M. Bogusiavskaia. Dokl. APN 5 no. 3:51-56 '61.

CHILDREN

Methods for investigating correlative variability of body dimensions in children. IU. S. Kurshakova. Vop. antr. no. 8:99-106 '61.

CHILDREN—AGING

Age-related dynamics of Klippel-Weil and Wartenberg reflexes under normal conditions in man [with summary in English]. P. S. Babkin. Zhur. nevr. i psikh. 61 no. 6:815-817 '61.

CHILDREN—CARE AND HYGIENE

(see also subdivision under Baranovichi, Kazakhstan; Tiraspol')

Children are all different. S. Fainberg. Sem'ia i shkola 17 no. 1:38-39 Ja '62.

Daily schedule. A. Khudoiei, N. Poliakova. Sem'ia i shkola 17 no. 2 8, 18-19 F '62.

IAnkelevich, E. I. [Healthy childhood] Zdorovoe detstvo. Moskva, Izd-vo "Fizkul'tura i sport," 1961. 61 p. (Bibliotechka "Fizkul'tura i zdorov'e")

Outward appearance of a student. Sem'ia i shkola 17 no. 3:24-25 Mr '62.

CHILDREN—DISEASES

Blood transfusion in osteoarticular tuberculosis in children. N. N. Shchitova. Med. zhur. Uzb. no. 12,76 D '61.

Cancer of the kidneys in children. M. Sh. Shakirov. Med. zhur. Uzb. no. 2 71-72 F '60.

Children carrying typhoid germs in high-incidence areas. Azerb. med. zhur. no. 8:75-79 Ag '61.

Lithology of gastrointestinal diseases in children. P. G. Podgornova. Med. zhur. Uzb. no. 2 23-26 F '60

Laryngeal papillomatosis in children. V. V. Kurko. Zdrav. Kazakh. 21 no. 5,34-39 '61.

Parents shouldn't forget this. E. N. Khakhol. Rab. i stal. 37 no. 7 22-23 Jl '61.

Peptic ulcer in children. Kh. D. Rakhmanov. Med. zhur. Uzb. no. 2 69 F '60

Tumors in children, according to data of the Moscow Province Scientific Clinical Research Institute from 1951-1960. M. N. Stepanova, V. A. Odinokova. Vop. onk. 8 no. 1:33-38 '62

Use of neuroplegics in compound treatment in toxic pneumonia in infants. A. F. Dobrogaeva, E. S. Liuboshits. Zdrav. Bel. 7 no. 8 53-56 Ag '61

CHILDREN—GROWTH see subdivision under Moscow

CHILDREN—HOSPITALS see subdivision under Vladimir

CHILDREN—LANGUAGE

Children's language. V. IAdeshko. Sem'ia i shkola 17 no. 3 32 Mr '62.

CHILDREN—MANAGEMENT

(see also subdivision under Czechoslovakia, Lipetsk Province)

Editor's mail. M. Zheleznyak, O. Kutovoi, A. Shevisov. Sem'ia i shkola 17 no. 1 27-28 Ja '62

Grigor'eva, A. G. [Inculcating conscious discipline in students by the family] Vospitanie soznatel'noi distsipliny u shkol'nikov v sem'e. Minsk, 1961. 27 p. (Obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii Belorusskoi SSR, no. 26)

Group inculcates responsibility for study. A. Rozenberg. Nar. obr. no. 2 45-47 F '62

In joy and in sorrow, take into consideration the psychological state of a child. N. Levitov. Sem'ia i shkola 17 no. 2 6-9 F '62

Inculcate courteous manners in children. V. I. Zhukovskaia. Rab. i stal. 37 no. 7 18-19 Jl '61.

Inculcating independence in first and second grade students in the process of self-service. V. I. Nef'odov. Rad. shk. 40 no. 2:48-51 F '62

Inculcating psychological preparedness for work. A. Vedenov. Nar. obr. no. 2 53-57 F '62.

Inculcating skills and habits of good behavior in grade 1-4 students of boarding schools. E. S. Kuznetsova, K. P. Shmurkova. Uch. zap. MGPI no. 117 5-61 '61

Inculcating skills and habits of good behavior in seventh grade students of boarding schools. A. A. Goncharov. Uch. zap. MGPI no. 147 132-175 '60.

Inculcating skills and habits of good behavior in sixth grade students of boarding schools. N. M. Bogatyrev. Uch. zap. MGPI no. 147 90-131 '60.

Inculcating the habit of good behavior in fifth grade students of boarding schools. M. M. Mecheva. Uch. zap. MGPI no. 117 62-89 '60.

Indirect influence exercised on the personality of fifth graders in the process of organizing socially useful work. L. V. Plaksina. Dokl. APN 5 no. 5 27-30 '61.

Individual approach. V. T. Aleksandrovskaia. Doshk. vosp. 35 no. 2,45-49 F '62.

"Letters on the training of children" by E. A. Arkin. Reviewed by N. Bel'skaia. Sem'ia i shkola 17 no. 3 41 Mr '62.

New student. I. Druzhinin. Shkola-int. no. 1:53-56 Ja-F '62.

Planning of educational work. V. Morozova. Shkola-int. no. 1:30-34 Ja-F '62

Self-respect and self-love. E. Kul'chitskaia. Sem'ia i shkola 17 no. 1 25-26 Ja '62.

She is responsible. E. Karalina. Sem'ia i shkola 17 no. 3 17-20 Mr '62.

Teacher's demands from children and his trust in them. B. V. Borisov. Sov. pedag. 26 no. 1:64-69 Ja '62.

This is what we have done.... And what do you do? B. Panasiuk. Nar. obr. no. 3:72-73 Mr '62.

This is what we have done.... And what do you do? I. Poterin, M. Dzhamaludinov. Nar. obr. no. 2 81 F '62.

Training of independence in children. A. A. Liublinskaia. Doshk. vosp. 35 no. 2,66-72 F '62.

Training through trust. R. D. Brusnichkina. Nach. shkola 30 no. 2:11-16 F '62.

A volunteer teacher. N. Maksimava. Belarus' 19 no. 2: 7 F '62.

We are bringing up group members. E. Vagina. Shkola-int. no. 1:25-29 Ja-F '62.

We shall go to a New Year's party. M. Skvartson. Rab. i stal. 37 no. 12:22 D '61.

"What creates shortcomings in students' character and how we should correct them" by N. D. Levitov. Reviewed by E. Shumilin. Sem'ia i shkola 17 no. 3 42-43 Mr '62.

CHILDREN—NUTRITION

(see also subdivision under Kazan)

Diet is the main thing; constipation in children. O. Kitaigorodskaia. Sem'ia i shkola 17 no. 2:46 F '62.

Kitaigorodskaia, O. D. [Digestive disorders in schoolchildren] Rasstroistva pishchevareniia u detei shkol'nogo vozrasta. Moskva, Medgiz, 1961. 87 p. (Sovety roditeliam)
(DNLM)

Nebytova-Lak'ianchikova, M. N., S. A. Orlova, and N. A. Pushinkova. [Children's diet in a family] Pitanie detei v sem'e [Leningrad] Medgiz, 1962. 231 p. (Nauchno-populiarnaia meditsinskaia literatura)

Why some children have poor appetite. N. Elges. Rab. i stal. 37 no. 6:19 Je '61

CHILDREN—SURGERY

Complications following tonsillectomy in children. S. N. Nurguzhaev. Zdrav. Kazakh. 21 no. 5:31-34 '61

First work on child surgery in Russia. L. L. Gol'dzand. Nov. khir. arkh. no. 1:123 Ja-F '60

CHILDREN, DEAF

Characteristics of motor activity in deaf students. A. P. Gozova. Dokl. APN 5 no. 2:13-16 '61

CHILDREN, DEFECTIVE HEARING IN see Defective hearing in children

CHILDREN AS ARTISTS

For the exhibition in the U. S. A. IUn. tekh. 6 no. 2:70-71 '62.

Way to art. A. Murzich. Sem'ia i shkola 17 no. 3 33-34 Mr '62.

CHILDREN'S ACCIDENTS see subdivision under Alma-Ata

CHILDREN'S CLOTHING

(see also subdivision under White Russia)

Children's clothing styles. Mest. prom. i khud. promys. 3 no. 1 37 Ja '62

Outward appearance of a student. Sem'ia i shkola 17 no. 3 24-25 Mr '62

CHILDREN'S CLUBS

(see also subdivision under Gorkiy, Minsk; Voronezh Province)

School club. B. Sobinov. Nar. obr. no. 2:75-76 F '62.

CHILDREN'S ENCYCLOPEDIAS AND DICTIONARIES

Akademiia pedagogicheskikh nauk RSFSR, Moscow. [Children's encyclopedia for the middle and older groups] Detskaia entsiklopediia dlia srednego i starshego vozrasta. Moskva.
Vol. 7. [From the history of human society] Iz istorii chelovechskogo vozrasta. 1961. 678 p.

CHILDREN'S LIBRARIES see Libraries, Children's

CHILDREN'S LITERATURE

Books for children. Nar. obr. no. 2:117-118 F '62.

Dom Detskoi knigi. [Communist education and the present-day literature for children and youth] Kommunisticheskoe vospitanie i sovremennaia literatura dlia detei i iunoshestva. Moskva, Gos. izd-vo detskoi lit-ry M-va prosv. RSFSR, 1961. 336 p.

"Extracurricular reading lessons in elementary schools" by V. A. Kustareva. Reviewed by A. V. IAnkovskaia-Baidina. Nach. shkola 30 no. 3:87-88 Mr '62

Serious talk with little children. S. Liubtinov. Sem'ia i shkola 17 no. 1:42-43 Ja '62.

Wonderful stories and fairy tales for elementary schools. M. Belotserkovskii. Nach. shkola 30 no. 3:91 Mr '62.

CHILDREN'S NEWSPAPERS

Club wall newspaper. I. Podgorbunskii. Rus. iaz. v shkole 23 no. 1:100-103 Ja-F '62.

CHILDREN'S PLAYS

"Children come to the theater" by Natalia Sats. Reviewed by V. Litvinov. Nach. shkola 30 no. 3:90-91 Mr '62.

Isn't this heroic? O. Grudtsova. Nar. obr. no. 3:90-91 Mr '62.

CHILDREN'S POETRY

From poets to children. V. Leibson. Doshk. vosp. 35 no. 2:112-117 F '62.

CHILDREN'S QUESTIONS AND ANSWERS

What the children ask. V. IAdeshko. Sem'ia i shkola 17 no. 1:46 Ja '62.

CHILE—COMMUNIST PARTY

The success of our struggle is in the unity of national and democratic forces. Orlando Milles. Part. zhizn' no. 5,64-70 Mr '62.

CHIMKENT—COTTON MANUFACTURE—TECHNOLOGICAL INNOVATIONS

A factory trade-mark is the collective's conscience. A. Panichev. Nar. khoz. Kazakh. 20 no. 2:83-85 F '62.

CHIMKENT—DISTRIBUTIVE EDUCATION

Forge of cooperative society workers. K. Mustafin. Koop. Kazakh. 4 no. 12,11-13 D '61.

CHIMNEYS
Edelov, N. P. [Constructing chimneys of brick blocks] Opyt sh oitel'stva dymovykh trub iz kirpichnykh blokov. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 58 p.

CHIMPANZEES
Physiological study of long-delayed imitation in anthropomorphic monkeys (chimpanzees) L. A. Firsov. Vop. antr., no. 5:19-30 '60.

CHINA—BOTANY
Plants of forest reserves and cities of China. F. N. Russanov. Biul. Glav. bot. sada no. 44 91-96 '61

CHINA—CLAY
Clay minerals and scattered organic matter in Cretaceous sediments of an eastern trough in the Chinese People's Republic. S. G. Sarkisian and others. Izv. vys. uchеb. zav. ;geol. i razv. 4 no. 12:43-48 D '61

CHINA—COAL—SPECTRA
Infrared spectra of Chinese coals. T. A. Kukharenko, TSzian Bin-tsiun [Chiang Ping-chiung]. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl., no. 1:180-183 Ja-F '62.

CHINA—COMMUNICABLE DISEASES—PREVENTION
Control of infectious and parasitic diseases in the Chinese People's Republic. TSzin' Sin'-chzhun [Chin Hsin-chung] Sov. zdrav. 21 no. 1:63-72 '62.

CHINA—COMMUNIST PARTY
The organizer and inspirer of the victories of the Chinese people, 40th anniversary of the Chinese Communist Party. Komm. Bel. 35 no. 6:76-78 Je '61.

CHINA—COURTS
Some problems concerning the judicial system of the Chinese People's Republic and the methods of its work. S. N. Bratus', A. N. Mishutin, N. K. Morozov. Sov. gos. i pravo no. 2:53-60 F '57.

CHINA—FISH CULTURE
[Pond fish culture. Translated from the Chinese] Prudovoe rybovodstvo. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 271 p. (DA)

CHINA—GEOLOGY, STRATIGRAPHIC
Sequence and age of ancient formations in the Soviet Far East and adjacent regions of North China. IU. A. Khodak. Sov. geol. 4 no. 12:96-106 D '61

CHINA—LAND TENURE
Agrarian policy of Taiping T'ien-kuo [with summary in English]. N. A. Koroleva. Vest. LGU 17 no. 2:60-73 '62.

CHINA—LAW—PERIODICALS
"Zheng-fa yanjiu", a Chinese legal periodical. L. M. Gugoshnikov. Sov. gos. i pravo no. 2:144-148 F '57

CHINA—LEGAL RESEARCH
Legal research in the Chinese People's Republic. Sov. gos. i pravo no. 2:142-143 F '57.

CHINA—MEDICINE, POPULAR
Data on the study of drugs used in Chinese popular medicine for treating hypertension, nephritis, diabetes and cancer. Report No. 2. G. K. Nikonov and others. Apt. delo 10 no. 6:73-78 N-D '61.

CHINA—MINE ROOF BOLTING
Bamboo rod bolting in China. Khuan En'-chzhao [Huang En-chiao]. Gor. zhur. no. 12 63 D '61.

CHINA—NATIONALITIES
In the close-knit fraternal family. L. K. Koriavin. Mezhdunar. zhizn' 9 no. 3:109-110 Mr '62.

CHINA—PETROLEUM GEOLOGY
Treasure hunters. Mikh. Domogatskikh. Vokrug sveta no. 5:29-32 My '61.

CHINA—POLITICS AND GOVERNMENT
The All-Chinese Assembly of People's Representatives as the supreme organ of state rule in the Chinese People's Republic. G. V. Ignatenko. Sov. gos. i pravo no. 2:61-72 F '57.

CHINA—RELATIONS (GENERAL) WITH RUSSIA
In the name of peace and the happiness of the people. A. Zhemchugov. Az. i Afr. seg. no. 2:10-11 F '62.

CHINA—TRADE UNIONS
Kornilov, IU. E. [Strains of songs over the construction site] Pesnia nad stroikoi. [Moskva] Izd-vo VTsSPS, Profizdat, 1961. 114 p.

CHINESE LANGUAGE—GRAMMAR
Lü Shu-hsiang. [Outline grammar of the Chinese language Preface by I. M. Oshanin] Ocherk grammatiki kitaiskogo iazyka. Moskva, Izd-vo vostochnoi lit-ry.
Vol. I. [The word and the sentence. Translated from the Chinese] Slovo i predlozhenie. 1961. 265 p.

CHINESE PHILOSOPHY see Philosophy, Chinese

CHIRCHIK VALLEY—POTTERY, PRIMITIVE
Archaeological explorations at Chash-Tepe. N. I. Kresheninnikova. Trudy TashGU no. 172:147-163 '60

CHITA PROVINCE—GOLD ORES
Structure of the Ilinskoye gold ore deposit. G. V. Shubin. Izv. vys. uchеb. zav. ,geol. i razv. 4 no. 11:68-72 N '61

CHKALOV see Orenburg

CHKALOV PROVINCE see Orenburg Province

CHKALOVSK DISTRICT (KOKCHETAV PROVINCE)—COOPERATIVE SOCIETIES
In the front ranks. M. Esenzhanov. Koop. Kazakh. 4 no. 1 10-13 Ja '61.

CHLORAL
Investigation in the field of simple glycol ethers and their derivatives. Part 40: Synthesis of chloral acetals. Shamkhal Mamedov, G. Lerner. Zhur. ob. khim. 32 no. 2,403-107 F '62.

CHLORIDES
Behavior of carbon-oxide vanadium anodes in the electrolysis of chloride melts. A. N. Baraboshkin, V. K. Sazhnov. Trudy Inst. elektrokhim. UFAN SSSR no. 1: 43-47 '60.
Carbon-oxide anodes with lower titanium oxides in the electrolysis of chloride melts. M. V. Smirnov, IU. N. Krasnov. Trudy Inst. elektrokhim. UFAN SSSR no. 1: 35-41 '60.
Interaction of certain chlorides with carbon materials. V. A. Oksusov, A. N. Zotikova. Titan i ego splavy no. 5:251-253 '61.
Interaction of the vapors of aluminum and iron chlorides with calcium and magnesium oxides. V. A. Il'ichev, A. M. Vladimirova. Titan i ego splavy no. 5, 238-244 '61.
Molecular state of certain compounds accompanying titanium tetrachloride. B. A. Voitovich. Titan i ego splavy no. 5:168-194 '61.
Purification of tungsten hexachloride and molybdenum pentachloride from admixtures of iron and aluminum chlorides. B. G. Korshunov, V. I. Gol'din, L. A. Averkieva. Izv. vys. uchеb. zav. , tsvet. met. 5 no. 1 101-106 '62.

CHLORIDES—THERMAL PROPERTIES
Studying the fusibility curves of certain chloride systems. V. A. Il'ichev, A. M. Vladimirova. Titan i ego splavy no. 5:148-166 '61.

CHLORINATION
Investigating the chlorination processes of titanium and niobium carbides, of complex titanium-niobium carbides and certain other compounds. G. A. Meerson and others. Titan i ego splavy no. 5:167-180 '61.
Investigating the titanium slag chlorination process. V. A. Reznichenko, V. P. Solomakha. Titan i ego splavy no. 5:102-114 '61.
Kinetics of chlorinating titanium dioxide in a media of fused chlorides. A. B. Bezukladnikov, IA. E. Vil'manskii. Titan i ego splavy no. 5:135-142 '61.
Studying the kinetics of chlorinating molten titanium dioxide. Kim Myong-nin, B. N. Melent'ev. Titan i ego splavy no. 5:120-134 '61.
Studying the titanium dioxide chlorination process. V. A. Reznichenko, V. P. Solomakha. Titan i ego splavy no. 5:115-119 '61.

CHLORINE—ANALYSIS
Determination of microquantities of chlorine ions on a stationary mercury electrode. Kh. Z. Brainina, E. M. Reizenblat. Zav. lab. 28 no. 1 21-23 '62.
Methods for determining Cl_2, Cl^-, HOCl, and H+ present simultaneously [with summary in English]. P. S. Kindiakov, M. IA. Shpirt, V. M. Katlinskii. Zhur. anal. khim. 17 no. 1:97-101 Ja-F '62.

CHLORINE COMPOUNDS
Methods for determining Cl_2, Cl^-, HOCl, and H+ present simultaneously [with summary in English. P. S. Kindiakov, M. IA. Shpirt, V. M. Katlinskii. Zhur. anal. khim. 17 no. 1:97-101 Ja-F '62

CHLORINE FLUORIDE
Fluorination of uranium tetrafluoride by chlorine trifluoride. N. S. Nikolaev, IU. D. Shishkov. Dokl. AN SSSR 143 no. 1:130-132 Mr '62.

CHLORITES see subdivision under Kola Peninsula; Pechenga District

CHLORITOID see subdivision under Koyvy Upland

CHLOROMA
Observation of chloroma, or green cancer of Aran. Tran H'iu Tuok, Nguyen Ngok Tung, Nguyen Van Duk. Vest. otorin. no. 2 96-97 '62.

CHLOROMYCETIN
Assimilation and excretion of levomycetin from the organism in gonorrhea. F. I. Stekhun. Med. zhur. Uzb. no. 9:57 S '61.
Conference on syntomycin and levomycetin. M. I. Vanina. Med. prom. 15 no. 12:59 D '61.
Identification of levomycetin and synthomycin by the method of crystallization in thin layers [with summary in English] M. N. Nikol'skaia. Apt. delo 10 no. 6 42-46 N-D '61.
Use of levomycetin in the treatment of protracted pneumonia. V. P. Sil'vestrov, IU. S. Malov. Kaz. med. zhur. no. 4:31-35 Jl-Ag '61.

CHLOROPRENE
Reaction of dichlorocarbene with chloroprene. I. IA. D'iakonov, T. V. Nizovkina, T. A. Kornilova. Zhur. ob. khim. 32 no. 2,664-665 F '62.

CHLOROTRIANISENE
Synthesis of 1, 1, 2-tri-(p-anisyl)-2-chloroethylene from desoxyanisoin. L. N. Volovel'skii. Med. prom. 15 no. 12:28-29 D '61.

CHLORPROMAZINE
Aminazine therapy in involutional depression. K. I. Karpman. Zdrav. Bel. 7 no. 6, 39-41 Je '61.
Dynamics of the tonus and reactivity of the vegetative nervous system in schizophrenia during aminazine and serpasil treatment. R. F. Kokanbaeva. Med. zhur. Uzb. no. 3 50-54 Mr '60.
Effect of aminazine and iprazid on the appearance and development of induced tumors in rats [with summary in English] A. P. Savinskaia. Vop. onk. 8 no. 1: 71-77 '62.
Epileptic psychoses. Report No. 2: Dynamics of the clinical picture of epileptic psychoses under treatment with aminazine and reserpine in combination with anticonvulsant drugs. E. K. Molchanova. Vop. psikh. no. 4: 79-89 '60.

CHLORPROMAZINE—THERAPEUTIC USE
Pressure in the central artery of the retina in schizophrenia during treatment with insulin, aminazine and reserpine [with summary in French] K. P. Moskovchenko. Zhur. nevr. i psikh. 61 no. 11:1699-1704 '61.
Use of aminazine for treating psychiatric patients at the Mogilev Psychoneurological Hospital. V. M. Volovik, M. M. Rabinovich. Vop. psikh. no. 4:220-230 '60.

CHLORPROMAZINE—TOXICOLOGY
Lowering the toxicity of aminazine by means of ascorbic acid (experimental study). A. V. Sigitsit, N. N. Mel'nik. Vop. psikh. no. 4:231-235 '60.

CHOLERA, ASIATIC
Phage and antibiotic treatment of experimental cholera [with summary in English]. A. G. Somova. Antibiotiki 7 no. 2 128-135 F '62.

CHOLESTEROL
Change in the cholesterin level in the blood of middle-aged and elderly persons following physical exercise. P. M. Babarin, L. S. Romanova, D. A. Chibichian. Teor. i prak. fiz. kul't. 24 no. 10:763-766 '61.
Cholesterol content of blood in hypertension [with summary in English] N. I. Guseva. Terap. arkh. no. 9: 16-20 '61.
Cholesterol level in the blood and the functional state of the liver in hypertension [with summary in English]. A. N. Grigor'iants. Terap. arkh. no. 7:43-46 '61.
Cholesterol metabolism in human subjects exposed to the prolonged action of lead. G. S. Konikova. Terap. arkh. no. 7:104-109 '61.
Effect of chlortetracycline on the blood serum cholesterol and globulin level and on the adrenocortical function in mild forms of acute bacillary dysentery [with summary in English]. G. S. Mironov, V. I. Gusheh, M. K. Shvaiko. Antibiotiki 7 no. 1:39-41 Ja '62.
Effect of X-ray radiation on the renewal rate of lipides and cholesterol in the liver of rats [with summary in English]. M. F. Vinogradova. Vest. LGU 17 no. 3: 102-113 '62.
Pathogenesis of experimental atherosclerosis in dogs. Biochemical, functional and morphological studies on dogs with different degrees of hypercholesterinemia. V. N. Vinogradov, N. L. IAstrebtsova, K. A. Gornak. Vest. AMN SSSR 16 no. 12:43-54 '61.

CHOLESTEROL METABOLISM
Data on the effect of pharmacological agents on cholesterol metabolism and the content of lecithin in the blood (the pharmacotherapy of atherosclerosis). N. A. Kharauzov. Vest. AMN SSSR 16 no. 11:40-47 '61.
Studying the pathogenesis of atherosclerosis by histochemical determination of esterases and lipases. B. B. Fuks and others. Dokl. AN SSSR 143 no. 1:245-248 Mr '62.

CHOLINE
Cholinergic properties of the saliva and blood in acute experimental ulcer of the stomach and chronic peptic ulcer in man. Kh. S. Khamitov, F. S. Khamitov. Kaz. med. zhur. no. 6:21-24 N-D '61.
Early changes in the cholinesterase activity and acetylcholine content of certain tissues in rats following lethal gamma irradiation. N. V. Korneeva. Radiobiologiia 1 no. 6:858-860 '61.
Histochemical study of the anticholinesterase activity of the new drug cholinium [with summary in English]. H. Gurevich. Izv. AN Latv. SSR no. 12:95-98 '61

CHOLINE (Continued)
Increased body resistance to carbocholine under the influence of repeated administrations of oxytetracycline [with summary in English] A. V. Loginov, A. M Dumova. Antibiotiki 6 no 12:1079-1082 D '61

CHOLINESTERASE
Photometric method of determining the cholinesterase activity of the blood serum V. A Saarma Lab. delo 8 no 2 22-24 F '62

CHORAL SINGING
Romanovskii, N. V. [Booklet for the lover of choral music] Pamiatka liubiteliu khorovoi muzyki. Leningrad, Gos muzykal'noe izd-vo, 1961 43 p. (Biblioteka muzykal'nogo samoobrazovaniia)

CHORAL SINGING, JUVENILE—INSTRUCTION AND STUDY
Maksimov, S. E. [Choral singing in schools; reference book for the singing instructor] Khorovoe penie v shkole; spravochnaia kniga uchitelia penila. Leningrad, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 142 p.

CHORAL SOCIETIES, KOREAN see subdivision under Moscow

CHOREA
Late results of observations on children with a history of chorea minor. Zh K. Kozhakhmetova Pediatriia 41 no 3 52-55 '62

Rare forms of chorea. M.S. Dats-Epshtein, I.IA. Shor. Zdravookhranenie 4 no.6:45-46 N-D '61.

CHOREOGRAPHY
Ballet and symphony. V. Vanslov. Sov. muz. 26 no. 2: 62-66 F '62.

CHOROID—TUMORS
Atypical course of a melanoma of the choroid. E. P. Arkhangel'skaia, T IA. Kasymov Med. zhur. Uzb. no 9:61 S '61.

CHRISTIAN NAMES see Names, Personal

CHRISTIANITY—CONTROVERSIAL LITERATURE
Religion and progress P Pyrch Voiov. ateist no. 2: 36-38 F '62.

CHROMATOGRAPHIC ANALYSIS
Certain problems in the theory of analytical color reactions with organic reagents. Report No. 1: Mechanism of the complex-forming reactions of some divalent metal ions with 8-hydroxyquinoline azo derivatives [with summary in English]. A. I. Cherkesov. Zhur. anal. khim. 17 no. 1:16-22 Ja-F '62.

Chemical reactions under chromatography conditions. S. Z. Roginskii, M. I. IAnovskii, G. A. Gaziev. Dokl. AN SSSR 140 no.5:1125-1127 O '61.

Chromatographic determination of diacetyl in the products of liquid phase oxidation of n-butane [with summary in English]. G. E. Zaikov. Zhur. anal. khim. 17 no. 1:117-120 Ja-F '62.

Gas-liquid chromatographic analysis of complex mixtures of oxygen compounds. R. A. Kalinenko, N. N. Naumushin. Neftekhimiia 1 no. 1 117-120 Ja-F '61.

Separation of mixtures of organic bases by the chromatographic adsorption method [with summary in English]. L. G. Andreeva, N. A. Figurovskii. Zhur. anal. khim. 17 no. 1:105-108 Ja-F '62.

Use of polymeric materials in partition chromatography with inverted phases [with summary in English]. M. A. Izmailov, IU. V. Shostenko, V. D. Chmil'. Dop. AN URSR no. 2:201-205 '62.

CHROMATOPHORES
Green plastids in the leaves of some evergreens of the Leningrad winter. V. G. Alekseevskii. Trudy Bot inst. Ser. 7

[illegible]SIS
is of chromium (III) in the solutions polymers. N. N. Pavlov, A. R. Kuzizov. Nauch. trudy MTIL P no. 18:41-

[illegible]ROMETALLURGY
metal in arc furnaces by aluminothermy. others. Stal' 22 no 2:137-139 F

mium metal by thermochemical re- in electric furnaces. G. V. Karsatal' 22 no. 2:135-137 F '62.

in liquid ferrochrome and silicon Petrushevskii, P. V. Gel'd. Zhur. no. 2:233-242 F '62.

[illegible]ES
s and methods of analyzing chromium Kosolapova, G. V. Samsonov, Biul. spets. splav. AN URSR no. 6:38-44

CHROMIUM-NICKEL-NIOBIUM ALLOYS see Nickel-chromium-niobium alloys

CHROMIUM-NICKEL STEEL—WELDING
Effect of alloying elements on the corrosion resistance of welded joints in 1Kh18N9T steel subjected to prolonged heat treatment at 350 - 650° D M Shashin, N IU Pal'chuk Avtom svar. 15 no. 3 32-36 Mr '62

CHROMIUM ORGANIC COMPOUNDS
Reduction of chromium aromatic compounds of a sandwichlike structure on a dropping mercury cathode I. A Koshunov, L. N. Veritiuina, G A Domrachev. Zhur ob khim 32 no 1 9-12 Ja '62.

CHROMIUM-PHOSPHOROUS ALLOYS
Study of the chemical stability and methods of chemical analysis of titanium-phosphorous alloys and chromium-phosphorous alloys. G. V. Samsonov, L. L. Vereikina, O. I. Popova. Biul. Inst. metaloker i spets splav. AN URSR no. 6:75-79 '61.

CHROMIUM PLATING
Anode treatment of aluminum alloys as a method of preparation before electroplating. N. A. Marchenko, V. G. Kakovkina, S. K. Lipko. Zhur. prikl khim. 35 no. 2:338-341 F '62.

Electrolytic production of metallic chromium from aqueous solutions of chromic chloride. V. N. Mikhina and others. Zhur. prikl. khim. 35 no 2:301-310 F '62

Method for chromium plating of machine parts having a complex contour, without using irregularly-shaped anodes. S. V. Trubman. Zhur. prikl. khim. 35 no. 2, 452-455 F '62.

CHROMIUM STEEL—METALLOGRAPHY
Isolation of Laves Phases in steels with 12 percent chromium IA. Koutskii, IA Ezhek Metalloved. i term. obr. met no. 3 29-33 Mr '62.

CHROMIUM STEEL—WELDING
Welding of thin-sheet Kh18N2AG5 steel. N. I. Kakhovskii, V. G Fartushnyi, Z. V. IUshkevich. Avtom svar 15 no 3 27-31 Mr '62.

CHROMOSOMES
Chromosomal composition of human cancer cells [with summary in English]. Wu Min. Vop. onk. 7 no. 7:9-16 '61.

CHRONOGRAPH
Determining the intensity of a lesson of physical exercises by means of a chronograph. A. N. Khan Teor. i prak. fiz. kul't. 24 no. 12:948-952 '61.

CHRYSANTHEMUMS—DISEASES AND PESTS see subdivision under Abkhazia

CHUCKS
Attachment to the MIZ thread-cutting chucks for a high-speed replacement of bushes M. P. Kozlov. Stan. i instr. 33 no 1:39 Ja '62.

Hold-down chuck for grinding holes, G. M. Borodulin. Mashinostroitel' no. 2:27 F '62.

Pneumatic draw-in chuck for lathes with automatic withdrawing of machined parts. A. A. Agafonov, I. M. Stavitskii Mashinostroenie no. 1:99-100 Ja-F '62.

CHUKCHI
Eskimo elements in the Chukchi and the Koryak culture. I. S. Vdovin. Trudy Inst. etn. 64:27-63 '61

CHUKCHI PENINSULA—ECONOMIC CONDITIONS
The "Chukchi Saga" by I. S. Rytkheu. Reviewed by V. Novikova. Vokrug sveta no. 3:61 Mr '61.

CHUKCHI PENINSULA—DESCRIPTION AND TRAVEL
Forty days on the Chukchi Peninsula. IU. Trankvillitskii. Sov foto 22 no. 3:20-24 Mr '62.

CHUKOVSKII, KORNEI IVANOVICH, 1882-
Bard of children's happiness. E. Krechetova. Nar. obr. no. 3:92-94 Mr '62.

"From two to five" by K. I. Chukovskii. Reviewed by I. Davydov. Sem'ia i shkola 17 no. 3:22-23 Mr '62.

Lessons of a storyteller. Miron Petrovskii. Sem'ia i shkola 17 no. 3:20-24 Mr '62.

"Silver coat-of-arms" by K. I. Chukovskii. Reviewed by O. Alekseeva. Sem'ia i shkola 17 no 3:41-42 Mr '62.

To Kornei Ivanovich Chukovskii! Nach. shkola 30 no. 3: 13-14 Mr '62.

CHULYM VALLEY—GARNET
On the so called authigenic garnets of Devonian sediments in the Chulym-Yenisey region. Z. E. Gauer. Biul. MOIP. Otd. geol. 37 no. 1:150-151 Ja-F '62.

CHURCH
Kryvelev, I. A. [Religions and churches in the modern world] Religii i tserkvi v sovremennom mire. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 189 p.

CHURCH—DICTIONARIES
"The Oxford dictionary of the Christian Church." Reviewed by E. Karmanov. Zhur. Mosk. Patr. no. 1:79-80 Ja '62.

CHURCH AND EDUCATION
Radina, K. D. [How religion harms children] Kakoi vred prinosit religiia detiam Leningrad, Ob-vo po rasspr. polit i nauchn znanii RSFSR, 1961. 47 p.

CHURCH AND SOCIAL PROBLEMS
How they were driven out of "Paradise." Mykh. Khomenko, Voiov. ateist no 1 33-36 Ja '62.

CHURCH AND STATE
Kommunisticheskaia partiia Sovetskogo Soiuza. [Communist Party and the Soviet Government on religion and church] Kommunisticheskaia partiia i Sovetskoe pravitel'stvo o religii i tserkvi. [Izd. 2.] Moskva, Gos. izd-vo polit. lit-ry, 1961. 110 p

Letter from V Kuroedov, chairman of the Council for the Affairs of the Russian Orthodox Church attached to the Council of Ministers of the U S.S.R., to the editor of "Zhurnal Moskovskoi Patriarkhii." Zhur. Mosk. Patr. no 1,12 Ja '62.

CHURCH HISTORY
An interesting source. O. Markevych. Voiov. ateist. no 1 48-51 Ja '62.

CHURCH PROPERTY see subdivision under Europe

CHURCH SLAVIC LANGUAGE
Ushakov, V. E. [On the language of the Ustiug nomocanon of the 13th and 14th centuries, a paleographic and phonetic analysis of the manuscript held in the V I Lenin State Library of the U S.S.R.] O iazyke Ustiuzhskoi kormchei, XIII-XIV vv., paleograficheskoe i foneticheskoe opisanie rukopisi Gosudarstvennoi bibliioteki SSSR im. V. I. Lenina, iz sobr. N. P. Rumiantseva, no 230) Pod red. F P Filina. Kirov, Kirovskii gos. pedagog. in-t im. V I. Lenina, 1961. 67 p

CHUSOVAYA VALLEY—GEOLOGY, STRATIGRAPHIC
Asha series in the basin of the Chusovaya River. I. S. Stepanov. Dokl AN SSSR 143 no. 1 201-203 Mr '62.

CHUVASHIA—AGRICULTURE
For a rich hectare. M. Borisov. Komsom. zhizn' no. 3: 16-18 F '62.

CHUVASHIA—BRONZE AGE
The Chuvash archaeological expedition. A. P. Smirnov. Krat. soob. Inst. arkheol. no. 94:125-129 '61.

Settlements of the Bronze Age in Chuvashia. V. F. Kakhovskii Sov. arkheol. 6 no. 1:152-162 '62

CHUVASHIA—EDUCATION
Role of N. K. Krupskaia in the education of the Chuvash people. G. N. Volkov. Sov pedag. 26 no. 2:105-112 F '62.

CHUVASHIA—IRON AGE
The Chuvash archaeological expedition A. P. Smirnov. Krat. soob. Inst. arkheol no. 94:125-129 '61.

CHUVASHIA—TEXTILE INDUSTRY—LABOR PRODUCTIVITY
Following the example of the brigade of communist labor. A. N. Zotov, P. N. Prokop'ev. Tekst. prom 21 no. 12 70-72 D '61

CHUYSKIY DISTRICT—PEDDLERS AND PEDDLING
Ivan Melekhov runs a mobile store. A. Voichal'. Koop. Kazakh. 4 no. 12:32-33 D '61.

CICADA see subdivision under Black Sea Preserve

CICATRICES
Prevention of cicatricial stenosis in anastomoses with the esophagus [with summary in English]. M. Z. Sigal Grud. khir. 4 no. 1:84-88 Ja-F '62.

CIGARETTE SMOKE
Histochemistry of the mucopolysaccharides and proteins of the connective tissue after experimental inhalations of tobacco smoke [with summary in English]. N. G. Lupu, C. Veltean. Arkh. pat. no. 2:19-27 '62.

Some data on the content of 3, 4-benzopyrene in tobacco smoke [with summary in English]. P. P. Dikun, N. D. Krasnitskaia, S. G. Chushkin. Vop. onk. 8 no. 2:31-35 '62.

CINEFLUOROGRAPHY
X-ray cinematography in X-ray diagnosis. Report No. 1 [with summary in English]. I. A. Shakhter, E. M. Kagan Vest. rent. i rad. 36 no. 4:10-16 Jl-Ag '61.

CINEMATOGRAPHY see Motion-picture photography

CIRCULAR SAWS
Increasing the operating capacity of circular saws. N. Kh. Dzhakubov, V. P. Lebedev. Der. prom. 11 no. 3: 22-23 Mr '62.

Sectional circular saw. L. Nikolaev. Les. prom. 39 no. 12:32 D '61.

CIRCULATORY SYSTEM see Cardiovascular system

CITIES AND TOWNS
(see also subdivision under Moldavia; Vologda Province)
Davidovich, V. G., and B. S. Khorev, eds. [Satellite cities] Goroda - sputniki; sbornik statei. Moskva, Gos. izd-vo geogr. lit-ry, 1961. 183 p.

CITIES AND TOWNS, RUINED, EXTINCT, ETC. see subdivision under Druzhno Lake region; Nikolo-Lenivets

CITRUS FRUITS

Natural shedding of the shoot tips by cultivated citrus plants. Bui-Huy-Dap, Nguyen-huu-Thuoc Bot. zhur 47 no. 1:105-110 Ja '62

CITY PLANNING
(see also subdivision under Riga; Ukraine, Ust'-Kamenogorsk, Yaroslavl Province)

The building of communism and some problems concerning the development of our cities [with summary in English, p 104]. IU P Bocharov, V.I. Rabinovich. Vop filos. 16 no 2 95-36 '62.

Commercial enterprises in a residential development A Gaidachenia Stroi i arkhit. 9 no 12 7-9 D '61.

CIVIL DEFENSE

A work of great importance to the state. O. Tolstikov. Voen znan. 38 no 2,21-22 F '62.

CIVIL LAW

"Basic Principles of Civil Law" and the future civil code. F. Fleishits. Sov. iust no 3,14-16 F '62

"Basic principles of the Civil Law of the U.S.S.R. and the Union Republic." Rad. pravo no. 1:3-27 Ja-F '62

"Basic Principles of the Civil Law of the U.S.S.R. and the Union Republics." S. Bratus' Sov. iust no 2: 3-6 Ja '62.

"Basic Principles of the Civil Law of the U.S.S.R. and the Union Republics." Sots. zakon. 30 no 2 12-32 F '62

"Basic Principles of the Civil Law of the U.S.S.R. and the Union Republics" and some problems of judicial practice. N. Gusev. Biul. Verkh Suda no 1:23-32 '62

Enactment of the "Basic Principles of the Civil Law of the U.S.S.R. and the Union Republics" Sots. zakon 30 no. 2 12 F '62

New civil law and civil procedure and the objectives of public prosecutors A. Khoilavchenko Sots zakon 30 no 2 44-49 F '62

Russia (1923- U.S.S.R.) Laws, statutes, etc.
["Basic Principles of the Civil Law of the U.S.S.R. and the Union Republics" "Basic Principles of the Civil Procedure of the U.S.S.R. and the Union Republics."] Osnovy grazhdanskogo zakonodatel'stva Soiuza SSR i soiuznykh respublik. Osnovy grazhdanskogo sudoproizvodstva Soiuza SSR i soiuznykh respublik. Moskva, Izd-vo "Izvestiia Sovetov deputatov trudiashchikhsia SSSR," 1962. 95 p.

"Some problems of soviet civil law." Reviewed by V. A. Rakhmilovich, A. IU. Kabalkin. Sov. gos. i pravo no. 2: 138-141 F '57.

CIVIL LAW—STUDY AND TEACHING

How to teach civil law in the evening departments of Soviet universities. S. M. Kornoev. Vest. Mosk. un. Ser. 10:Pravo 17 no. 1:72-75 Ja-Mr '62.

CIVIL PROCEDURE

"Basic principles of the Civil Procedure of the U.S.S.R. and the Union Republic." Rad. pravo no. 1:27-39 Ja-F '62.

"Basic Principles of the Civil Procedures of the U.S.S.R and the Union Republics." M. Gurvich. Sov. iust. no. 2 no 3:7-10 Ja '62.

"Basic Principles of the Civil Procedure of the U.S.S.R. and the Union Republics." P. Bardin. Biul. Verkh Suda no. 1:32-37 '62.

"Basic Principles of the Civil Procedure of the U.S.S.R. and the Union Republics" Sots. zakon. 30 no. 2:13-43 F '62.

Enactment of the "Basic Principles of the Civil Procedure of the U.S.S.R. and the Union Republics" Sots. zakon. 30 no 2 13 F '62.

The forms of civil procedure. A. Kaverin, A. Kornelluk. Sov. iust. no. 4:5-7 F '62.

Moscow. Vsesoiuznyi institut iuridicheskikh nauk. [Commentaries to judicial practice in civil cases] Nauchnyi kommentarii sudebnoi praktiki po grazhdanskim delam. Moskva, Gos. izd-vo iurid. lit-ry, 1961 145 p.

Preparation of civil cases for judicial examination. P. Trubnikov. Sov. iust. no. 3:8-9 F '62.

Procedural rights of parties in the draft "Basic Principles of Civil Procedure of the U.S.S.R. and the Union Republics" and the Code of Civil Procedure of the Uzbek S.S.R. S. A. IAkubov. Obshchestv. nauki v Uz. no. 3: 18-23 '61.

The proposed civil procedure code. L. Gazifants. Sov. iust. no. 2:15-17 Ja '62.

Russia (1923- U.S.S.R.) Laws, statutes, etc.
["Basic Principles of the Civil Law of the U.S.S.R. and the Union Republics." "Basic Principles of the Civil Procedure of the U.S.S.R. and the Union Republics."] Osnovy grazhdanskogo zakonodatel'stva Soiuza SSR i soiuznykh respublik. Osnovy grazhdanskogo sudoproizvodstva Soiuza SSR i soiuznykh respublik. Moskva, Izd-vo "Izvestiia Sovetov deputatov trudiashchikhsia SSSR," 1962. 95 p.

Zeider, N. B. [Court sessions and judicial judgements in Soviet civil procedure; a textbook] Sudebnoe zasedanie i sudebnoe reshenie v sovetskom grazhdanskom protsesse; uchebnoe posobie. Saratov, Saratovskii iurid. in-t im. D.I. Kurskogo, 1959. 96 p.

CIVIL RIGHTS

Development of the basic rights of the Soviet people and the freedom of the individual during the large-scale building of communism L. D. Voevodin Vest. Mosk. un. Ser. 10 Pravo 17 no 1 36-46 Ja-Mr '62.

CLASSICAL ANTIQUITIES
(see also subdivision under Dnieper Valley; Mediterranean Sea region)

Clay stamp from Panticapaeum. V. I. Tsekhmistrenko. Sov. arkheol 6 no. 1:278-282 '62.

Marble relief from Anapa. I. T. Kruglikova. Sov arkheol 6 no 1:282-289 '62.

On the work of sections and groups of the Institute of Archaeology of the Academy of Sciences of the U.S.S.R. in 1958. A. P. Smirnov, G. A. TSvetaeva. Kratk. soob. Inst. arkheol no 85 130-142 '61

CLASSIFICATION—BOOKS—AGRICULTURE

Moscow. Publichnaia biblioteka. [Library and bibliographical classification, tables for science libraries] Bibliotechno-bibliograficheskaia klassifikatsiia; tablitsy dlia nauchnykh bibliotek Moskva.
No 12. [P Agriculture and forestry Agricultural and forestry sciences] P Sel'skoe i lesnoe khoziaistvo Sel'skokhoziaistvennye i lesokhoziaistvennye nauki 1961. 203 p

CLASSIFICATION—BOOKS—FORESTS AND FORESTRY

Moscow. Publichnaia biblioteka. [Library and bibliographical classification; tables for science libraries] Bibliotechno-bibliograficheskaia klassifikatsiia; tablitsy dlia nauchnykh bibliotek. Moskva
No. 12 [P. Agriculture and forestry. Agricultural and forestry sciences] P. Sel'skoe i lesnoe khoziaistvo. Sel'skokhoziaistvennye i lesokhoziaistvennye nauki. 1961 203 p.

CLASSIFIED CATALOGS see Catalogs, Classified

CLAVICLE

Comparative characteristics of the clavicle and tubular bones in Neanderthal and contemporary man IU D. Benevolenskaia, E. N Khrisanfova. Vop antr no. 6:129-133 '61.

CLAVICLE—FRACTURE

Osteosynthesis in fractures of the clavicle. N. IA. Vaisfeld. Voen -med. zhur no 6:81 Ag '61

CLAY
(see also subdivision under Atlantic Ocean; Caspian Lowland; China; Kuiadag region, Russia, Southern)

Concerning E. N. Eliseev's article "Determination of the sizes of clay elementary cells by the X-ray powder pattern (debyeograms)." B. B. Zviagin, V. A. Frank-Kamenetskii. Min. sbor no 14:399-402 '60.

Effect of temperature on the swelling of clay rocks K. F. Zhigach, I. B. Adel', V. D. Gorodnov. Izv. vys. uchub. zav., neft' i gaz 4 no. 5:23-29 '61.

Metamorphosis of the clay brick. N. Maksimova. IUn. tekh. 6 no. 2:33-34 '62.

Method for calculating systematic errors in clay rock compression tests V. F. Razorenov. Vop. gidrogeol. i inzh geol no 19:136-148 '61.

Nomogram for converting the chemical analyses of air-dry samples for calcined substance, naturally wet ore, and the analyses of coal for fuel and ashes. B. A Tiurin. Shor. nauch. trud KazGIMI no 18 174-176 '59.

CLAY—ANALYSIS see subdivision under Nikopol' region

CLAY—CONGRESSES

Conference on the Mineralogy and Petrography of Clays held in Prague. V. A. Frank-Kamenetskii Zap. Vses. min. ob-va 90 no. 6:758-760 '61.

Purpose and principles of the compilation and estimation of different classifications of clay minerals; in connection with discussion initiated by the Clay Committee at the International Geological Congress B. B. Zviagin, A. V. Frank-Kamenetskii. Zap. Vses. min. ob-va 90 no 6:750-754 '61.

CLAY—TESTING

Phase conversions in mixes of lime and roasted clay (keramzit) during autoclave treatment. B. N. Vinogradov. Shor. trud. VNIINSM no. 4:134-170 '61.

Relation of the expansion rate of clay to the quantity and type of sand it contains. R. F. Shuster, R. A Rakhimova. Trudy Kazakh. fil. AStA no. 2:202-206 '60

The role of anions in the liquefaction of types of clay. K. K. Kviatkovskaia, V. A. Chernov. Trudy NIIStroikeramiki no. 16:15-20 '60.

Viscosity of low-melting types of clay at temperatures between 800° and 1200°. V. F. Pavlov. Trudy NIIStroikeramiki no. 16:30-47 '60.

CLEANING AND DYEING INDUSTRY

How to recondition used furs. Mest. prom. i khud. promys. 3 no. 1:27 Ja '62.

CLEFT PALATE

Floating obturators in congenital cleft palate. M. P. Barchukov. Probl. stom. 6:353-357 '60.

CLERKS (RETAIL TRADE) see subdivision under Karaganda Province; Kaskelen, Kazakhstan; Martuk

CLIMACTERIC

Climacteric hemorrhages. V. V. Slonitskii Feld. i akush. 26 no. 11:23-26 N '61.

Cytology of the epithelium of the uterine mucosa in climacteric hemorrhages following administration of trace elements. G. I Ioffe-Golubchik, V. F Farkhadi Med zhur Uzb. no 3,67-69 Mr '60

Svechnikova, N. V., V. F. Saenko-Liubarskaia, and L. A. Malinovskaia. [Treatment of pathological climacteric] Lechenie patologicheskogo klimaksa Kiev, Gos med izd-vo USSR, 1961. 88 p. (Biblioteka prakticheskogo vracha)
(DNLM)

CLIMATOLOGY
(see also subdivision under Buryat-Mongolia; Murmansk Province, Vologda Province)

Climate will also be conquered by man .. V. Komarov Sem'ia i shkola 17 no 3 37-40 Mr '62

Some ways of influencing the climate M. I Budyko. Meteor. i gidrol no 2 3-8 F '62

CLIMATOLOGY, MEDICAL

Biotron evidence on the significance of the adaptation reserve in hypertension [with summary in English]. D. I. Panchenko. Vrach. delo no. 1:12-18 Ja '62.

Ionization in the air conditioning system of a biotron. IU. A. Isakov. Vrach. delo no. 1:133-136 Ja '62

Professor Panchenko's biotron. P. Savel'ieva Nauka i zhizn' 28 no. 12,10-13 D '61.

Some characteristics of the regeneration of a nerve trunk in a biotron ward following acute radiation sickness [with summary in English]. D. I Proniv. Vrach. delo no. 1:76-85 Ja '62.

CLIMATOLOGY, MEDICAL—CONGRESSES

International forum devoted to diseases occurring in countries with a hot climate. N. F. Rodiakin Zdrav Turk. 5 no. 6:12-13 N-D '61.

CLIMBING PLANTS see subdivision under Lvov

CLINICAL MEDICINE see Medicine, Clinical

CLOCKMAKING AND WATCHMAKING see subdivision under Erivan

CLOCKS AND WATCHES—ESCAPEMENTS

Determining the vibration period of the balance wheel of a restricted escapement. N. K. Lobachevn. [Trudy] MVTU no. 104:143-151 '61.

CLOCKS AND WATCHES—REPAIRING AND ADJUSTING

Time revived. A Elkin IUn tekh 6 no 1 60-63 Ja '62.

CLOSTRIDIUM BOTULINUM

Study of botulin anatoxins. Report No. 1: Botulin anatoxin type A [with summary in English]. A A Vorobiev and others. Zhur. mikrobiol., epid. i immun. 32 no. 9 31-36 S '61.

CLOTHING, MEN'S see Men's clothing

CLOTHING, PROTECTIVE

Characteristics of fabrics for acid-proof protective clothing. I. M. Naiman, M. L. Braiinina Tekst prom 22 no. 1:21-24 Ja '62.

Some properties of nonwoven materials and their use for protective clothing. V. IA Davydov. Tekst. prom. 21 no. 12:12-16 D '61

Thigh guards for miners working in flat, low coal deposits. A A Luk'ianova. Nov. khir. arkh no 3 95-96 My-Je '60.

CLOTHING AND DRESS

Hygienic properties of clothing made from linen fabrics. IU. V. Vadkovskaia, A. A. Mironova, K. A Rapoport. Tekst. prom. 21 no. 1:24-27 Ja '62.

CLOTHING INDUSTRY
(see also subdivision under Hungary; Tselinograd)

Designers, textile manufacturers and clothiers. K. Babina. Mest. prom. i khud promys. 3 no 1:14-15 Ja '63.

Encounter of designers with textile representatives. V. A. Nifontov. Tekst. prom. 21 no. 12:16 D '61.

Russakov, S. L., ed. [Technology of clothing manufacture] Tekhnologiia shveinogo proizvodstva. Izd. 2., perer. i dop. Moskva, Gos. izd-vo "Rostekhizdat, 1961. 670 p.

CLOTHING INDUSTRY—ACCOUNTING

Standard accounting method in a clothing factory. A. Berezin. Bukhg. uchet 10 no. 1:36-43 Ja '62

CLOTHING INDUSTRY—AUDITING AND INSPECTION see subdivision under Ivanovo Province

CLOTHING INDUSTRY—EXHIBITIONS see subdivision under Kazakhstan

CLOUD PHYSICS

"Cloud physics" by A. M. Borovikov and others. Reviewed by L. T. Matveev, A. M. Baranov. Meteor. i gidrol. no. 2:62-63 F '62.

CLOUD PHYSICS (Continued)

Deposition of aerosols on chamber walls N.A.Fuks Izv.AN SSSR Ser geofiz. no.1 142-143 Ja '62.

El'brusskaia vysokogornaia ekspeditsiia. [Transactions of the Elbrus High-Mountain Expedition] Trudy Moskva, Izd-vo Akad nauk SSSR
Vol 2(5) [Physics of clouds and precipitation] Fizika oblakov i osadkov 1961. 204 p

Freezing characteristics of supercooled water drops. V.M.Muchnik, IU.S Rudkvo. Trudy UkrNIGMI no.26: 64-73 '61.

Freezing of the tops of cumulus congestus clouds. V.M Muchnik, A.Kh Shmukler. Trudy UkrNIGMI no 26 58-63 '61.

Origin and development of stratiform clouds I' M Feigel'son Izv AN SSSR Ser geofiz no 3 408-417 Mr '62

CLOUDS
(see also subdivision under Crimea)

High clouds over the European part of the U S S R. A M Borisov Izv AN SSSR Ser geofiz no 3 436-442 Mr '62.

Intensity of turbulence in clouds. N.Z Pinus, V.D. Litvinova. Izv AN SSSR Ser.geofiz. no 1 126-129 Ja '62.

Russia (1923- U.S.S.R.) Glavnoe upravlenie gidrometeorologicheskoi sluzhby [Abridged cloud atlas for hydrometeorological observations on ships] Sokrashchennyi atlas oblakov dlia sudovykh gidrometeorologicheskikh nabliudenii. Pod red L.G Soboleva Leningrad, Gidrometeor. izd-vo, 1961 52 p

CLUBHOUSES
(see also subdivision under Azerbaijan)

Clubhouse out of wood. Kul't -pros. rab 23 no.1 58-59 Ja '62

CLUBS

Club News No 1; January 1962. G. Adel'berg and others Klub 11 no.1,33-36 Ja '62.

CLUNIACS

"The social foundations of the monastery reform in the 11th century" [in German] by E Werner Reviewed by O G Chaikovskaia Sred veka no. 19 248-255 '61

CLUTCHES (MACHINERY)

Coupling clutch for a stand. K. Dolganov. Sel'. mekh. no 2-30-31 '62.

Coupling shafts of a clutch. A. Charnyi. Izobr i rats. no 3 37-38 Mr '62

Designing barrel-shaped teeth for gear clutches. I.D. Stakhanov. Konstr. i tekh mash. no.1:95-103 '61

Study of the friction clutch of the drive of an electric starter. B. N. Chertok Trakt. i sel'khozmash 32 no 1-11-14 Ja '62.

COAL
(see also subdivision under Cheremkhovo Basin, Dnieper Basin, Donets Basin)

Conditions for preparing coal pulp for flotation V A. Shebanov, K D Voronov. Koks i khim no 1 18-21 '62.

Heat processing and drying of coal. P. I Turchenko, P.E. Messerle, A V Ostapchenko. Koks i khim no 12 7-10 '61.

Nomogram for converting the chemical analyses of air-dry samples for calcined substance, naturally wet ore, and the analyses of coal for fuel and ashed B A Tiurin, Sbor. nauch. trud. KazGMI no 18: 174-176 '59.

Separation of coals into microcomponents by centrifugal separation. G. P. Alaev. Khim. i tekh. topl. i masel 7 no. 3:31-36 Mr '62.

Using methanol extract from the middle cut of shale tar in the flotation of coal. N. I. Zelenin and others. Khim. i tekh gor slan i prod. ikh perer no. 8.102-116 '60.

World's coal output. IA. M. Prudkin. Ugol' 36 no. 7 58-59 Jl '61

COAL—ANALYSIS

Agroskin, A.A., and E. F. Panina. [Laboratory work on the chemistry and technology of coal] Laboratornye raboty po khimii i tekhnologii uglia. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 131 p.

Characteristics of the changes in the plasticity of coal caused by increasing coking speed. N.S. Griaznov. Koks in khim. no.1 6-12 '62.

New method of analyzing the average value of the volumetric weight of coal as dependent upon its ash content. O.P. Parshin. Obog. i brik. ugl. no. 17:79-81 '61.

"Physical properties of coal" by A.A. Agroskin. Reviewed by S.G. Aronov. Koks i khim. no.1:62-64 '62.

Tatis, E.M., N.G. Titov, and N.V. Shishakov. [Methods of analyzing and testing coal for use as raw material in industry] Metody analiza i ispytaniia uglei kak syr'ia dlia *promyshlennogo* ispol'zovaniia. Izd, 2., perer. i dop Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 314 p.

COAL—CARBONIZATION

Behavior of pyrite sulfur during the semicoking of brown coal [with summary in English]. S. M. Bilokin'. Dop. AN URSR no 2:207-211 '62.

Thermodynamics of germanium reactions taking place during the thermal processing of coal. G.A. Bergman, E.I. Shmuk. Izv. AN SSSR, Otd. tekh. nauk. Met. i topl. no. 1 60-66 Ja-F '62.

COAL—CLASSIFICATION see subdivision under Donets Basin

COAL—CONGRESSES

International conference and the 4th International Congress on the Coal Petrology P. P Timofeev and others Izv AN SSSR Ser geol. 27 no 3 132-135 Mr '62

COAL—DRYING

Increasing the operating efficiency of steam tubular drum dryers by means of a preliminary slight drying of the coal. V N Krokhin. Obog. i brik ugl no 17 3-25 '61

COAL—SPECTRA see subdivision under China

COAL—STORAGE

Coal stores in coke chemical enterprises. R V. Mordukhovich. Koks i khim no. 1 15-18 '62.

COAL, PULVERIZED

Burning out of the flame of anthracite fines and characteristics of the flying ash V G. Fedorov. Zbir. prats' Inst. tepl. AN URSR no. 23:57-61 '61.

Design of the cross section of safety valves in connection with dust explosions. S. L. Shagalova, V. A. Reznik. Teploenergetika 8 no. 3:41-45 Mr '62

Determining the optimum conditions for the operation of the furnaces of a boiler unit. V. G. Karpenko. Zbir. prats'. Inst tepl. AN URSR no. 23, 37-40 '61

Selecting the pulverization systems for the preparation of Donets Basin anthracite fines and lean coals M A Styrikovich, G.A Ushakov. Teploenergetika 9 no 2 15-20 F '62.

Selecting the system for drying humid brown coals for large hydroelectric power plants A E. Gel'tman and others. Energomashinostroenie 8 no 2 29-31 F '62

COAL, PULVERIZED—ANALYSIS

Using the photomicrographic method for measuring <0.05 millimeter size coal particles I N Bochkov, M F Shishova Obog i brik. ugl. no. 17:82-86 '61.

COAL GEOLOGY
(see also subdivision under Dnieper Valley; Donets Basin; Irkutsk Basin; Karaganda Basin; Krivoy Rog Basin; Lenina Basin, Lvov-Volyn' Basin)

Ammosov, I. I., and T'ang Hsiu-i. [Stages in the alternation of coals and paragenic relationships between combustible minerals] Stadii izmeneniia uglei i parageneticheskie otnosheniia goriuchikh iskopaemykh. Moskva, Izd-vo Akad. nauk SSSR, 1961. 116 p.

Forms of germanium migration during lithogenesis. I. P. Lomashov. Dokl. AN SSSR 140 no. 5:1174-1176 O '61.

Third Conference of the Siberian Commission on the study of the Distribution of and Prospecting for coals in the U.S.S.R. I.N. Zvonarev Geol. i geofiz. no. 11: 125-127 '61

COAL HANDLING MACHINERY

Sorting coal according to size by a mechanical throwing belt conveyer. L. I. Zlatin and others. Koks i khim. no 1:21-23 '62.

COAL MINERS
(see also subdivision under France, Lugansk Province)

Reduce the free time losses of workers in coal mines. I. V Chernov Ugol' 37 no 3:44-45 Mr '62.

COAL MINES AND MINING
(see also subdivision under Angren Valley; Chelyabinsk Basin; Donets Basin; Europe, Western; Karaganda Basin; Kazakhstan; Kizel Basin; Kirghizistan; Kuznetsk Basin; Tula Basin; Ukraine)

"Application of radioactive isotopes in the automatic control of coal mining operations" by V. G. Segalin. Reviewed by N. V. Mel'nikov and others. Ugol' 37 no. 2: 60-61 F '62

Centralized control station in a mine. IU. N. Kamynin. Ugol' Ukr. 6 no. 2:28 F '62

Discussion of IU. V. Kuzin and L. V. Grishpun's article "Levels and depth of the automation of operations in mining." A. M. Vartaniants, M. A. Gol'din, E. S. Snagovskii. Ugol' 36 no. 7:17-23 Jl '61.

Discussion of IU. V. Kozin and L. V. Grinshpun's article "Levels and depths of the automation of production processes in mines." N. A. IAkovlev. Ugol' 37 no. 2:56 F '62.

Dubinskii, M. I. [Economic advantages of coal mining by means of cutter-loader units] Ekonomicheskaia effektivnost' kombainovoi vyemki uglia na shakhtakh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po *gornomu delu*, 1961. 64 p.

Effect of the longwall length and rate of advancing of the face on the value of its output and on the technical and economic indices. V. M. Zykov, M. F. Dukalov. Ugol' 37 no. 2:54-55 F '62.

Efficient pattern of hard headings in multiple mining of flat coal seams. M. V. Sosnovskii. Trudy NPI 113:3-11 '61.

Efficient work organization layout for mining inclined workings of considerable length N I. Fel'dman, A. M Chilikin Shakht stroi 6 no. 2,23-24 F '62

For further improvement of working conditions of miners. I. M. Vladychenko. Bezop truda v prom. 6 no 2:1-2 F '62.

Khudoyovtsev, N. M. [Struggle for technological progress] V bor'be za tekhnicheskii progress. [Moskva] Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, [1961] 29 p.

Mechanism of the protective action in advance mining of adjacent seams. A. V Artemov Ugol' 37 no 1, 15-52 Ja '62

Methods of rock pressure control in steeply dipping seams O. V. Kolokolov Urol' Ukr 6 no 1,10-11 Ja '62

News in brief. Ugol' 36 no 7 59-60 Jl '61

News in brief. Ugol' 37 no. 2:59-60 F '62.

Orlov, E. I. [Surface mining in coal pits] Otkrytye gornye raboty na ugol'nykh kar'erakh Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 224 p.

Prospects of expansion of the U S S R coal mining industry G V. Krasnikovskii Ugol' 37 no 1 1-6 Mr '62

Prospects of the expansion of coal mining in the U S S R. N V. Mel'nikov and others Ugol' 36 no 7 61-62 Jl '61

Readers' response to A A. Shamin, A. M. Belonakii and A. V. Galkin's article "Pillar methods of mining flat dipping seams without undermining the side walls in development workings " K. I. Tiuznev and others. Ugol' Ukr. 6 no. 2:36-41 F '62.

Response to V. N. Goev's review of V. G. Savateev's book "Automation and remote control in mines " Ugol' 37 no. 1:61 Ja '61.

Results of the operations of the coal industry during 1961 and its tasks for 1962. A. A. Boiko. Ugol' 37 no. 1:1-6 Ja '62.

Sudoplatov, A. P., and K. I. Ivanov. [New high-efficiency methods of coal mining] Novye vysokoproizvoditel'nye sposoby dobychi uglia. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1962. 164 p.

COAL MINES AND MINING—ACCIDENTS see subdivision under Cherepet'

COAL MINES AND MINING—ACCOUNTING
(see also subdivision under Donets Basin)

"Over-all mechanization of accounting in the mines and enterprises of the coal industry" by N. G. Tverdokhleb. Reviewed by P Skrypnik, R. Pivent' Bukhg. uchet 19 no. 1:76-77 Ja '62.

COAL MINES AND MINING—AIR CONDITIONING see subdivision under Donets Basin

COAL MINES AND MINING—BIBLIOGRAPHY see Bibliography—Coal mines and mining

COAL MINES AND MINING—CONGRESSES

International scientific and technical conference concerning the improvement of the underground mining of thick coal seams I. A. Bahokin Ugol' 37 no 3 65-67 Mr '62

COAL MINES AND MINING—COSTS see subdivision under Kuznetsk Basin

COAL MINES AND MINING—EQUIPMENT AND SUPPLIES

Centralized control desk for mines. Ugol' Ukr. 6 no. 2: 4 of cover F '62.

Induction vulcanizer. N V. IAskol'dovich, N. N. Golovach. Ugol' 36 no 7.30 Jl '61.

COAL MINES AND MINING—EXPLOSIVES

Coal breakage by means of flat explosive charges. Sh. G. Gamsakhurdia. Ugol' 37 no. 1:34-36 Ja '62.

COAL MINES AND MINING—FINANCE
(see also subdivision under Donets Basin; Karaganda Basin)

Potentials for increasing the efficiency of capital investments in the coal industry. A. G. Mazin Shakht. stroi. 6 no. 2:1-4 F '62.

COAL *MINES AND MINING—FIRES AND FIRE PREVENTION*

Baltaitis, V. IA. [Fire extinction in coal mines] Tushenie *pozharov v ugol'nykh shakhtakh*. Izd, 2., dop. i perer. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 283 p.

Modeling the spraying and transportation of liquid in mines. V. M. Sukharevskii, M. I. Brainin. Sbor. trud. Inst. gor. dela AN URSR no. 9:138-147 '61.

Use of antipyrogens for the prevention and extinction of underground endogenous fires. V. M. Maevskaia. Ugol' 36 no. 7.46-47 Jl '61

COAL MINES AND MINING—HYGIENIC ASPECTS

Organizing control for decreasing the morbidity from epidermophytosis in the coal mines. A. A. Galler, V. IA. Nekachalov. Vest. derm. i ven. no. 2:64-66 '62.

COAL MINES AND MINING—LABOR PRODUCTIVITY
(see also subdivision under Donets Basin, Karaganda Basin; Kuznetsk Basin, Uglovoye Basin)
Effect of powered transportation of miners to the longwall on their labor productivity. I. V. Chernov. Ugol' 37 no 2:12 F '62.
Relation between the rate of advance and the miner's labor productivity in the face. A. P. Kiliachkov, E. S. Oginskii Ugol' 36 no 7 35-38 Jl '61
Simple method for determining average labor productivity of a worker in case of combined coal mining processes. M. M. Fatyiev Izv. AN Uz. SSR, Ser. tekh. nauk 6 no. 1:85-88 '62.

COAL MINES AND MINING—PERIODICALS
Conferences of the readers of "Ugol'" in Lugansk and Chervonograd V. A. Nilovskii Ugol' 36 no 7 50 Jl '61

COAL MINES AND MINING—RESEARCH
(see also subdivision under Karaganda Basin, Perm)
Technological progress in the projects developed by the Southern State Institute for the Design and Planning of Mine Construction in the Coal Industry. E. V. Dugin Ugol' 36 no 7 50-53 Jl '61

COAL MINES AND MINING—SAFETY MEASURES
(see also subdivision under Donets Basin; Karaganda Basin)
All-Union conference on safety engineering in the coal mining industry. Ugol' Ukr. 6 no 2:45-46 F '62.
Golutvin, V. A. [Labor safety in coal mines] Bezopasnost' truda na ugol'nykh shakhtakh Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 85 p.
On V. R. Shchukin's article "Safety measures in boring coal intercalation" I. N. Karagodin, A. A. Simonov. Bezop. truda v prom. 6 no. 2:21-23 F '62.

COAL MINING MACHINERY
(see also subdivision under Czechoslovakia, Donets Basin)
Inclined cutting bars for the "Donbass-1" and LGD-2 combines. D. A. Kapralov. Bez. truda v prom. 6 no 1:34 Ja '61
Khudosovtsev, N. M. [Struggle for technological progress] V bor'be za tekhnicheskii progress. [Moskva] Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, [1961] 20 p.
Overall mechanization of stopes in coal mines. V. N. Khorin Ugol' 37 no 3 26-27 Mr '62
Selecting new stripping equipment for the coal deposits of Eastern Siberia. G. E. Karpinskii Ugol' 36 no 7 11-15 Jl '61
Some problems in the evaluation of machinery units with wide- and narrow-range cutter-loaders T. I. Ivanova Ugol' 37 no 2:28-33 F '62.
Some shortcomings of the magnetic PMV-1365A starter for 660 voltage. N. A. Kiklevich and others Ugol' 37 no. 3 32-33 Mr '62.
Using the PPM-1 rock loader in the drifting of inclines. I. A. Tikhomirov and others Ugol' Ukr. 6 no. 1:31-33 Ja '62

COAL MINING MACHINERY—DESIGN AND CONSTRUCTION see subdivision under Perm

COAL MINING MACHINERY—MAINTENANCE AND REPAIR
Organization of the maintenance and repair of mining equipment P. S. Banatov Ugol' Ukr. 6 no. 1,23-24 Ja '62.

COAL PREPARATION
(see also subdivision under Germany, West; Karaganda Basin; Pechora Basin; Ukraine)
In the Coordination Council of Coal Preparation, Briquetting and Classification attached to the All-Union Design and Planning Institute for Mine Construction in the Coal Industry. K. K. Kuznetsov, M. G. Braginskii Ugol' 37 no 2:57-58 F '62.
Industrial tests of the SVS-25 classifier with coal preparation in a "fluidized" bed. A. F. Shornikova, B. S. Kurdinov. Ugol' 37 no. 2:37-40 F '62
"Preparation of coal and nonmetallic minerals in heavy suspensions" by I. Z. Margolin, I. M. Verkhovskii Ugol' 37 no. 2:61-62 F '62
Regularities in the behavior of coal pyrites in flotation and practical trends in flotation desulfurization of coals N. S. Galiguzov. Obog. i brik. ugl. no. 17 59-60 '61.
Resistance and expansion of a suspended magnetite layer in a magnetic field [with summaries in English and German]. M. Filippov. Izv. AN Latv. SSR no. 12:47-51 '61.
Some observations concerning the partial underground coal preparation. H. Barking. Obog. i brik. ugl. no. 17 116-122 '61.
Using heavy liquids for coal preparation. V. S. Kaminskii. Obog. i brik. ugl. no. 17:32-46 '61.

COAL PREPARATION—EQUIPMENT AND SUPPLIES
Vibrating filter centrifuge for dewatering coal. V. S. Kaminskii, V. A. Trofimov, A. V. Shlau. Khim. mash. no. 6:4-6 N-D '61.

COAL PREPARATION PLANTS
Basic technological systems and parameters for the planning and operation of plants for coal preparation in heavy suspensions. I. F. Pakhalok. Ugol' 37 no. 3 34-37 Mr '62.
Designing coal preparation shops for coke-chemical plants A. G. Makarov, N. V. Anufriev, A. M. Solov'ev Koks i khim no 12:63 '61.

COAL PREPARATION PLANTS—EQUIPMENT AND SUPPLIES
(see also subdivision under France)
Averaging of coals in a ten-section mixing bin (from "Glueckauf," 97, no 11, 1961) Koks i khim no 12 58 '61.
Increasing the output capacity of vacuum filters at coal preparation plants T. G. Fomenko and others. Koks i khim no 12 11-15 '61
Increasing the output capacity of vacuum filters by precoagulation of the charge I. L. Papushin, V. M. Derevianskii. Koks i khim no 12 16-17 '61.
Jigging cycles and conditions for their application V. I. Suliga Ugol' 37 no. 3 38-41 Mr '62.
New transducers in coal preparation shops G. IA. Chalyi Koks i khim no 12 18-22 '61
Wear resistant materials for the equipment of coal preparation plants V. E. Fedorchenko, M. A. Zarubinskii. Ugol' Ukr. 6 no 1:33-34 Ja '62

COAL PREPARATION PLANTS—LABOR PRODUCTIVITY
see subdivision under Kuznetsk Basin

COAL RESEARCH
In the Coordination Council of Coal Preparation, Briquetting and Classification attached to the All-Union Design and Planning Institute for Mine Construction in the Coal Industry. K. K. Kuznetsov, M. G. Braginskii Ugol' 37 no. 2,57-58 F '62
Mineral solid fuel and the objectives of science. N. M. Karavaev. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 1,15-22 Ja-F '62.

COAL TAR
Vapor pressure of the light, phenol, naphthalene and absorbent fractions of coal tar. IU. N. Garber, S. I. Zelenevskaia. Koks i khim no 12 51-54 '61.

COAL TAR INDUSTRY—EQUIPMENT AND SUPPLIES
Changes in the technological system for condensing pitch-coke gas L. P. Dobrovol'skii and others Koks i khim. no 12 42-44 '61
Mechanical filter for the removal of heavy coal-tar parts from coal tar V. A. Velikodnyi Koks i khim no. 12 41-42 '61.
Production of pure lepidine from coal tar bases. B. E. Kogan. Koks i khim. no 12 48-51 '61
System of pitch standpipes for charging pitch-coke ovens I. IA. Boev Koks i khim. no 12 37-38 '61.

COAL-TAR PRODUCTS
Processing pyrolysis tar without separating overhead fractions. E. E. Kondrashov. Koks i khim no 1 46-47 '62.

COAST CHANGES
Hydrological calculation of reservoir shore transformation. N. A. Labzovskii. Trudy Gidroproekta no. 4:319-343 '60.
Intensive transformations of seashores caused by the advancement of river deltas and the construction of piers. E. N. Egorov, B. L. Kas'ianov. Trudy Inst. okean 53 42-51 '61.
Principal stages in the history of the development of recent river valleys and conditions of shore formation in reservoirs. I. G. Kokeshko, A. D. Kolbutov. Trudy Gidroproekta no. 4;360-372 '60.
Some factors indirectly determining the formation of new reservoir shores. A. D. Kolbutov Trudy Gidroproekta no. 4;344-359 '60.

COASTS
(see also subdivision under Black Sea)
Comparing calculated and natural profiles of coastal shallows. O. G. Grigor'eva. Trudy GGI no 88-59-76 '61.
Observations on sand transport along an accumulative shore with offshore shallows. N. A. Aibulatov. Trudy Inst. okean. 53-3-18 '61.
Role of rip currents in sand transport in the coastal zone. N. A. Aibulatov, I. F. Shadrin. Trudy Inst. okean 53 19-28 '61.
Some data on sand transport along the shore near natural obstacles (capes, river branches) N. A. Aibulatov, I. F. Shadrin Trudy Inst. okean. 53,29-36 '61

COATINGS, DIFFUSION see Diffusion coatings

COATINGS, PROTECTIVE see Protective coatings

COAXIAL CABLES
Attenuation of low-frequency interference during the transmission of video signals via coaxial lines. IU. S. Milevskii. Elektrosviaz' 16 no. 1,45-49 Ja '62
Small coaxial cables. P. A. Frolov Vest. sviazi 22 no. 2-3-4 F '62.

COBALT
Cobalt and nickel occurrences in igneous rocks and in the earth's crust [with summary in English]. V. A. Unksov, N. V. Lodochnikova. Geokhimiia no. 9;732-741 '61.
Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut mineral'nogo syr'ia [Industry's requirements as to the quality of mineral raw materials] Trebovaniia promyshlennosti k kachestvu mineral'nogo syr'ia; spravochnik dlia geologov. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr
No 55. Glazkovskii, A. A. [Cobalt] Kobal't. Nauch. red. G. A. Kiutov i L. V. Zverev Izd. 2, perer. 1961 49 p

COBALT—DECAY
Dependence of $\beta\gamma$-correlation on the electron velocity in the β-decay of Co^{60} and Au^{198} [with summary in English]. V. M. Lobashov, V. A. Nazarenko. Zhur. eksp. i teor. fiz. 42 no. 2;358-363 F '62.

COBALT—ISOTOPES
Treatment of cervical cancer with radioactive cobalt V. A. Kolesnikova Vest. rentg. i rad. 36 no 6-69-70 N-D '61
Use of cobalt beads (Co^{60}) in treating cancer of the corpus uteri. E. M. Krastina Vop. onk. 8 no. 2 72-76 '62

COBALT—METALLURGY
Cobalt recovery from its ferrates during sulfatization roasting. L. A. Petrov, E. K. Fedorov. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 1;67-69 Ja-F '62.

COBALT IN THE BODY
Dependence of the cobalt content of normal human blood on the amount in food at different seasons I. A. Chukhovskii Zdrav. Bel. 7 no 6;17-21 Je '61

COBALT SALTS
Various effects of cobalt salts, differing in their anions, on forage cabbage A. I. Petrov Trudy Kar. fil. AN SSSR no 29;50-58 '61

COBALT-TUNGSTEN ALLOYS see Tungsten-cobalt alloys

COBALT-TUNGSTEN-TITANIUM ALLOYS see Tungsten-titanium-cobalt alloys

COCCIDIOSIS see subdivision under Lovan region

CODACCI-PISANELLI, GIUSEPPE, 1913-
People and events Nov. vrem. 20 no 12 31 Mr '62

CODFISH see subdivision under Baltic Sea

COGNITION
V. I. Lenin on cognition as a reflection of the objective world. P. A. TSuprov. Trudy MADI no. 26;85-100 '60.

COINS, ANCIENT see subdivision under Moldavia

COKE
(see also subdivision under Aleksandriya, Zaporozh'ye)
Effect of the length of coking on coke quality and the performance of blast furnaces A. I. Voloshin and others. Koks i khim no 12 26-32 '61.
Effect of the recirculation of combustion products on the heating of coal charges E. P. Likhogub, G. M. Vol'fovskii Koks i khim no. 1 24-27 '62
Investigation of the effect of preheating on the coal charge. B. N. Zhitov, G. N. Makarov Koks i khim. no. 12 3-6 '61.
Manufacture of casting and metallurgical coke from light and lean coals. F. A. Poputnikov, N. I. IUrenkov. Obog. i brik. ugl. no 17,74-78 '61.
Manufacture of metallurgical coke from weakly-coking coals of the Cheremkhovo deposit. F. A. Poputnikov. Obog. i brik ugl. no 7 69-73 '61.

COKE INDUSTRY
(see also subdivision ur
United States; Zapo
Characteristics of the
caused by increasin
Koks i khim. no 1
Coking blended coal c
tions and coal tar
Koks i khim. no. 6;
Coking higher cuts of
Kozhevnikov Khim
no. 6;117-138 '60.
Make every effort to
Congress. Koks i k
On the road of creativ
Skarbun. Koks i kh
Peculiarities of the p
tions. N. S. Grizano
17-22 '61

COKE INDUSTRY—BY
At the Technical Cou
Design and Planning
M. Odnopozov. Kok
Coke by-products ind
with herbicides. I.
Nesterova. Koks i
Increased output of cl
Kotelenets, I. V. No
'61.

COKE INDUSTRY—EQUIPMENT AND SUPPLIES
(see also subdivision under Kemerovo)

Aleksandrov, K. I. [Exhausters; practical manual for machine operators and attendants of machine sections of by-product coke plants] Gazoduvki; prakticheskoe rukovodstvo dlia mashinistov i obsluzhivaiushchego personala mashinnykh otdelenii koksokhimicheskikh zavodov Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1962 224 p.

Corrosion of equipment caused by circulating water. N.M Dankova Koks i khim. no 1 56-59 '62.

Mechanization of oil change in reductors S. S. Smirnov and others Koks i khim no 6:35 '61

Mixing machines and the uniformity of quality of blended coal charges V. F. Kushnirov Koks i khim no 6: 12-14 '61

New technological flow sheet of the benzene section of a coke chemical plant. K A. Belov, S N. Lazorin. Koks i khim no 1 13-15 '62.

Permissible wear of screens A S TSynovnikov and others. Koks i khim no 12 34-37 '61.

Small mechanical devices for coke classifiers L IA. Gekker. Koks i khim. no. 12 38-40 '61

Taits, E. M., N. G. Tikov, and N. V. Shishakov. [Methods of analyzing and testing coal for use as raw material in industry] Metody analiza i ispytaniia uglei kak syr'ia dlia promyshlennogo ispol'zovaniia. Izd. 2., perer. i dop Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 314 p.

Testing protective coatings for coke-plant equipment. R. I. Popov, E S Filippenko. Koks i khim. no. 6:35-36 '61

Using bakelite lacquer as a protective coating against the corrosion of apparatus used in the coke-chemical industry. Z. I. Levchenko, N M Dankova, I. E Matveeva. Koks i khim. no. 12 55-57 '61.

COKE INDUSTRY—FIRES AND FIRE PREVENTION

Results of cooperation N. Gaskarov, D. Petrakov, I. Izibaev. Pozh. delo 8 no 2 11 F '62.

COKE-OVEN GAS
(see also subdivision under Dnieper Valley)

Formation of potassium formate in the absorbing solution of vacuum potassium units after the removal of hydrogen sulfide from coke gas M E Neimark. Koks i khim no 1.52-54 '62

COKE OVENS
(see also subdivision under Great Britain)

"Coke oven firing" by E. M. Izrailit, M. S. Charmnykh. Reviewed by I. M. Khanin. Koks i khim. no 6:62-64 '61.

Control of large ovens heated with coke gas. E. P. Likhogub Koks i khim no. 6:28-30 '61

Designing reversible gas-air valves for combination coke ovens with two-hearth flues. I. M. Khanin and others. Koks i khim. no. 1:36-38 '62.

Improving methods of smokeless charging of coke ovens. V. N. Dukhan. Koks i khim no 1:33-36 '62.

Investigating the problem of sealing coke oven doors and the operation of mechanisms for unscrewing and screwing of cross-bar screws. A. A. Azimov, V. A. Naida, IU P. Zosimovich Koks i khim. no 6:31-31 '61.

Investigation of PK-2K ovens with all wide regenerators. IU S. Vasil'ev, A. P. IUrov. Koks i khim. no 1:30-33 '62.

Investigation of the bulk density of blended coal charges in a large experimental oven chamber I. G. Zubilin. Koks i khim. no. 6:23-26 '61.

Pyrolysis of petroleum products in coke ovens. V L Frishberg. Koks i khim. no. 12:32-33 '61

Simplified methods of computing heat engineering calculations for determining the heat efficiency of coke E IA. Eidel'man. Koks i khim. no. 1:27-29

COLITIS

Enzyme excretion function of the small intestine in chronic enteritis and enterocolitis [with summary in English] K B Bakhadyrov Vop pit. 21 no 1 29-33 Ja-F '62

COLLAGEN

Using gelatin for plotting gauged tables for quantitative determination of collagen and elastin by the hydroxyproline method S Elmanov Mias ind SSSR 32 no 6 58 '61.

COLLAGEN DISEASES

Combined forms of pneumoconioses in patients with collagenoses [with summary in English] V. E. Liubomudrov and others. Terap arkh no. 9,95-101 '61

Hemopathies and collagenoses [with summary in English]. M. S Dul'tsin. Sov med. 25 no 12:3-11 D '61.

COLLARBONE see Clavicle

COLLECTIVE FARMS
(see also subdivision under Bukhara Province, Estonia, Kirov Province, Kola Peninsula, Krasnogorsk District, Krasnogvardeyskiy region, Kuban; Pliskov District; Pskov Province; Rumania, Tatarbunary District; Turkmenistan; Ukraine; Uzbekistan)

Bazylev, TS, and I. Rahnuski. [The communal economy of collective farms is the main source of the material prosperity of collective farmers] Hramadskaia haspadar'ka kalhasau - asnova ustu dabrabytu kalhasnaha sialianstva. Minsk, Dziarzh vyd-va BSSR, Red. satsyial'na ekanamichnai lit-ry, 1961, 60 p.

How to overcome cultural and social differences between cities and rural areas in the U. S. S R. E. T. Lukina Nauch. dokl. vys. shkoly: filos. nauki 5 no 1:24-32 '62

How we raised the cultural level and communist consciousness of Ukrainian collective farmers, 1953-1961. V S. Petrenko Ukr ist zhur 6 no. 1:16-25 Ja-F '62

Kanskii, K. E., ed. [Organization and planning of production on collective farms] Organizatsiia i planuvannia kolhospnoho vyrobnytstva. Kyiv, Derzh. vyd-vo sil's'kohospodars'koi lit-ry URSR, 1960. 348 p. (Biblioteka kolhospnoho agronoma) (DA)

More production and lower costs R. P. Makarova. Uchet i fin. v kolkhoz. i sovkhoz. 19 no. 2:37-39 F '62

Public catering on collective farms. P. Oreshin. Part. zhizn' no. 5:39-41 Mr '62.

Rozhin, V. P. [Some problems in improving the economy of weak collective farms] Nekotoryye voprosy pod"ema ekonomiki slabykh kolkhozov. Moskva, Izd-vo ekon. lit-ry, 1961. 154 p.

COLLECTIVE FARMS—ACCOUNTING
(see also subdivision under Brody District; Krasnodar Territory; Tambov Province; White Russia)

Accounting for the results of inventories, revaluation and depreciation of capital assets on collective farms. V. M Sokolov. Uchet i fin. v kolkhoz i sovkhoz 19 no. 1:5-9 Ja '62.

Accounting is a means of management. G. I. Babich. Uchet i fin. v kolkhoz. i sovkhoz 19 no 1:43-46 Ja '62

Brief news. M. IA. TSeitlin and others. Uchet i fin. v kolkhoz. i sovkhoz. 19 no. 1:81-83 Ja '62.

Discussing problems of the correct organization of accounting. P. I. Romanchenko and others Uchet i fin. v kolkhoz. i sovkhoz. 19 no 2:19-23 F '62

How to open analytical accounts on collective farms for 1962. V. P. Subbotin. Uchet i fin. v kolkhoz. i sovkhoz 19 no. 2,49-53 F '62.

We use fodder carefully and account for it strictly. G. Z. Chernavin. Uchet i fin v kolkhoz. i sovkhoz. 19 no. 1:14-16 Ja '62.

COLLECTIVE FARMS—AUDITING AND INSPECTION
see subdivision under Moscow Province; Sovetskiy District, Rostov Province; Uzbekistan

COLLECTIVE FARMS—ECONOMIC ASPECTS see subortandinskiy District

—EQUIPMENT AND SUPPLIES
ubes with couplings. A. Shapovalov. 2 no 1,27-28 Ja '62.

—FINANCE
on under Moldavia; Ukraine; Uz-

or the stocks of equipment and morking capital on collective farms. red. 20 no. 2:41-45 F '62.
s to strengthen their economy and ina and others. Den. i kred. 20

he economic basis of the growth roperty. V. Zhivaev. Nauch. rab. stv. nauk AN Uz. SSR 2:24-37 '61.

—INCOME DISTRIBUTION
developments in collective-farmers' ste truda kolkhoznikov. Pod red. oskva, Izd-vo "Sovetskaia Rossiia," y ekonomiki sel'skokhoziaistvennogo rnaia serila)

COLLECTIVE FARMS—INTERFARM COOPERATION
(see also subdivision under Kharkov Province; Latvia, Lipetsk Province, Ukraine)

Belianeva, Z. S. [Legal status of combined enterprises and funds of several collective farms] Pravovoe polozhenie mezhkolkhoznykh ob"edinenii i fondov. Moskva, Gos. izd-vo iurid. lit-ry, 1962. 115 p.

Intercollective farm cooperation as an important way for the gradual merging of collective farm and public forms of property M. Gorshkov. Ekon sel'khoz 32 no. 12: 88-90 D '61

Long-term credit for intercollective farm building organization. L. M. Kramarovskii Uchet i fin. v kolkhoz i sovkhoz. 19 no 2:30-41 F '62.

Ways of developing the organizational forms of construction on collective farms. B Dobrotvorskii Ekon stroi. no. 2:32-36 F '62

COLLECTIVE FARMS—LABOR PRODUCTIVITY see subdivision under East Kazakhstan Province, Latvia

COLLECTIVE FARMS—LAWS AND LEGISLATION

Belianeva, Z. S. [Legal status of combined enterprises and funds of several collective farms] Pravovoe polozhenie mezhkolkhoznykh ob"edinenii i fondov. Moskva, Gos. izd-vo iurid. lit-ry, 1962. 115 p.

Follow-up of articles published in our periodical. Rad. pravo no 1:179 Ja-F '62

Legal aid to the collective farms of Cherkassy Province. R. Kachan'lants. O. IUrchenko. Rad pravo no 1:127-130 Ja-F '62.

More attention to supervision over the observance of Soviet laws on collective farms A Pronin. Rad. pravo no 1:102-104 Ja-F '62.

COLLECTIVE FARMS—MANAGEMENT

Communal economy, the main source of the growth of prosperity on collective farms G V. D'iachenkov. Dokl. i soob VNIESKH no 11:109-116 '61.

COLLECTIVE FARMS—OFFICIALS AND EMPLOYEES

On a collective farm economist. Uchet i fin v kolkhoz i sovkhoz. 19 no. 1:29-32 Ja '62.

COLLECTIVE FARMS—TRANSPORTATION see subdivision under Dnepropetrovsk Province

COLLISIONS (NUCLEAR PHYSICS)

Allowing for the strong bond in collisions of electrons with hydrogen atoms. A. F. Gorshanova, R IA Damburg. Opt. i spektr. 12 no 1:113-114 Ja '62.

Hydrodynamic theory of multiple production of particles in collisions of fast nucleons with nuclei. G A. Milekhin Trudy Fiz inst. 16 50-93 '61.

COLON (ANATOMY)—ABNORMITIES AND DEFORMITIES

Surgical treatment of megacolon in Favalli-Hirschsprung's disease. A. R. Shmanok, A. N Baklanova. Nov. khir. arkh. no. 3 30-37 My-Je '60.

COLON (ANATOMY)—CANCER

Clinical and roentgenological signs of cancer of the rectum and ascending colon [with summary in English]. L. P. Simbirtseva. Vop. onk. 7 no. 7:74-83 '61.

COLON (ANATOMY)—INFLAMMATION see Colitis

COLON (ANATOMY)—TUMORS

Anesthesia in radical operations for tumors of the sigmoid and rectum. L A. Frid. Vop. onk 8 no. 2:35-44 '62

COLONIES

Present-day colonialism in the system of international relations. K. Ivanov. Mezhdunar. zhizn' 9 no. 4:46-58 Ap '62.

COLONIES IN AFRICA

Colonizers spread over Africa. V. Sheinis. Vokrug sveta no. 3:6-12 Mr '61.

COLOR

Color in the interior of school buildings. A. Marinchenko. Strol. i arkhit. 9 no 12 6 D '61.

Sharonov, V. V. [Light and color] Svet i tsvet. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 311 p.

COLOR—PSYCHOLOGY

Selection with respect to the color of objects in Macaca mulata. K. E. Fabri. Vop. antr. no. 7:133-141 '61.

COLOR CENTERS

Absorption bands of latent image centers in photosensitive glass. V. A. Borgman, V. G. Chistoserdov. Opt. i spektr. 12 no. 1:140-141 Ja '62.

Formation of color centers in quartz glass and sodium silicate glass under the action of gamma radiation. G. V. Blurganovskaia, N. F. Orlov. Opt. i spektr. 12 no. 2:278-284 F '62.

COLOR MEASUREMENT

Measuring the color of color prints. I. V. Romeikov. Nauch. trudy MPI no. 12:21-35 '60.

COLOR PHOTOGRAPHY—FILMS

Color separation characteristics of color positive and negative films. L. F. Artiushin, N. F. Semenova. Tekh. kino i telev. 6 no. 2:1-9 F '62.

COLOR PHOTOGRAPHY — FILMS (Continued)

Structure of colored substances forming under the effect of the oxydation by air ozygen of the color components, derivatives of pyrazolone (5) I. A. Solovieva, I. I. Levkoev, A. G. Guseva Trudy NIKFI no 40,95-105 '60

COLOR PRINTING

Analysis of the basic correlations in electronic correction of color-separating distortions IA M Sul'povat. Sbor. nauch rab VNIPP no 11 35-44 '60.

Measuring the color of color prints I V Romeikov Nauch. trudy MPI no 10 91-35 '60

COLOR SENSE

Perception by students of the three-dimensional and flat images of objects. Report No 2 Perception of color N V. Medeatova. Dokl. APN 5 no 1 31-33 '61

Stationary states of open systems and the theory of color vision A K Prita Dokl AN SSSR 142 no 6 1103-1401 F '62.

Structure of the visual analyser in relation to the problem of color vision [with summary in English]. E. G. Shkol'nik-IArtsev Arkh anat, gist i embr 42 no. 2 12-30 F '62.

COLOR TELEVISION—PICTURE TUBES

Modern picture tubes for color television. A. P Angaforov. Tekh kino i telev 6 no 2 67-78 F '62

COLORIMETRY

Analysis of oxygen dissolved in water. R. L. Babkin, K. P. Epelkina Teploenergetika 9 no 2 48-51 F '62.

Colorimetric analysis of small quantities of oxygen dissolved in water V. P. Rotshtein, V. M Shemiakin Teploenergetika 9 no 7 51-55 J '62.

Determination of nitrites, silicates, and phosphates in sea water by the use of the FEK-M photoelectric colorimeter on the research ship "M. Lomonosov." V. V. Shtukov. Trudy MGI 25;130-142 '62.

COMBUSTION

Artukh, L. IU., and others. [Thermal boundary layer problems in the case of heterogeneous and diffusion combustion, Conference on Heat and Mass Transfer, Minsk, January 23-27, 1961] Teplovye zadachi pogranichnogo sloia pri geterogennom i diffuzionnom gorenii; soveshchanie po teplo-i massoobmenu, g. Minsk, 23-27 fanvaria 1961 g. [Minsk, 1961] 16 p. [MICROFILM]

Burning front model for condensed mixtures. N N Bakhman, IU. A. Kondrashkov. Dokl AN SSSR 142 no 2 377-379 Ja '62

Burning out of the flame of anthracite fines and characteristics of the flying ash. V. G Fedorov Zhiz prakt' Inst, teph. AN URSR no 24,57-61 '61

Dellagin, G. N., and B. V. Kantorovich. [Mass transfer in the combustion of fuel in fluid flow; Conference on Heat and Mass Transfer, Minsk, January 23-27, 1961] Massoobmen v protsesse gorenila topliva v potoke, soveshchanie po teplo-i massoobmenu, g. Minsk, 23-27 fanvarla 1961 g. [Minsk, 1961] 20 p. [MICROFILM]

Investigating the effect of pressure on the rate of flame propagation in a turbulent flow of a uniform mixture. V. M. Ermolnev, A. V. Talantov. Izv. vys. ucheb. zav.; av. tekh. 4 no. 4;92-93 '61.

COMBUSTION, HEAT OF see Heat of combustion

COMENIUS, JOHANN AMOS, 1592-1670

"... Let'n inculcate in youth the purpose of our life ..." Sem'ia i shkola 17 no 3-10 Mr '62.

COMETS—ORBITS

Basic problems in the investigation of the approach of comets to larger planets [with summary in French]. E. I. Kazimirchak-Polonskaia Trudy ITA no 7;5-10 '61

Interesting changes in a comet's orbit. D. IA. Martynov. Priroda 51 no. 7,99 F '62.

Motion of Wolf'n comet I in the sphere of action of Jupiter in 1922 and the representation of its normal positions in 1925 [with summary in French] E. I. Kazimirchak-Polonskaia. Trudy ITA no. 7;193-311 '61

Survey of studies on close approach of short-period comets to Jupiter [with summary in French]. E. I. Kazimirchak-Polonskaia. Trudy ITA no. 7;21-190 '61

COMIC, THE

Shoklin, K. V. [On the tragic hero and the comic] O tragicheskom geroe i komicheskom personazhe. Moskva, Gos. izd-vo "Iskusstvo," 1961. 54 p.

COMMENTATORS see Journalists

COMMERCE

Some problems of the monopoly of foreign trade. B. Bondur. Ekon. Sov. Ukr no. 3;64-69 My-Je '61.

COMMERCIAL AERONAUTICS see Aeronautics, Commercial

COMMERCIAL AGENTS

Granting the right to sign foreign trade transactions, Vnesh. torg. 42 no. 2;47-48 '62.

COMMERCIAL CRISES see Depression

COMMERCIAL PRODUCTS

[New consumer goods; information bulletin,] Nov. tov.; inform. biul. no. 2 '62.

COMMODITY EXCHANGES

Let'n talk about assortments. M. Liashko. Mest. prom. i khud promys 3 no. 1 11-12 Ja '62

COMMUNICABLE DISEASES

Bondareva, N. V. [Diseases transmitted to man by animals; an aid to students at popular universities of health] Bolezni, peredaiushchiesia cheloveku ot zhivotnykh, v pomoshch' slushateliam narodnykh universitetov zdorov'ia. Minsk, 1961 22 p (Obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii Belorusskoi SSR, no 25)

Further lowering and control of infectious diseases. I. Z. Mukhutdinov Kaz med zhur no 4;15-19 Jl-Ag '61

Influence of infectious diseases of bacterial and virus etiology on the intensity and duration of immunity to diphtheria. P. G. Rytik Zhur mikrobiol., epid i immun. 42 no. 9-141 S '61

Side reactions of antibiotic treatment of infectious diseases [with summary in English] A. I. Spertorova Antibiotiki 6 no 9-61-67 S '61.

Some results of using antibiotics for treating infectious diseases [with summary in English] A. F. Bilibin, N. M. Gracheva Antibiotiki 6 no 9-16-26 S '61

Toward the extermination of infections. V. Akhundov, Azerb. med zhur., no. 8;3-13 Ag '61.

COMMUNICABLE DISEASES—BIBLIOGRAPHY see Bibliography—Communicable diseases

COMMUNICABLE DISEASES—CONGRESSES

Conference on the problems of nonspecific prevention and treatment of infectious diseases (Chelyabinsk, June, 1961). L. IA. Ebert, R. I Lifshits. Kaz. med. zhur. no. 6 84-85 N-D '61

COMMUNICABLE DISEASES—PREVENTION

(see also subdivision under China, Uzbekistan)

Conference on nonspecific prevention of infections and on methods for increasing the resistance of the body during treatment. Z. Tulegenov, A. Z. Buzina Zdrav. Kazakh 21 no 10;75-76 '61

New antibiotic preparations for infectious disease control Z. V. Ermol'eva, E. N. Lazareva. Antibiotiki 6 no 9, 10-16 S '61

Problem of eradicating and decreasing infectious disease morbidity V. D. Timakov Antibiotiki 6 no 9;3-10 S '61.

COMMUNICATION

(see also subdivision under Great Britain)

[Community participation in press, radio, and television] Hromads'kl nachaln v presl, radio, telebachenni. Kyiv, Derzh. vyd-vo polit, lit-ry URSR, 1961. 144 p.

COMMUNICATIONS, MILITARY

Mission accomplished! I. M. Bukhman. Vest. protivovozd. obor. no 10;70-71 O '61

COMMUNICATIONS WORKERS see Telecommunication—Employees

COMMUNISM

(see also subdivision under Azerbaijan; Kazakhstan; Kirghizistan; Uzbekistan)

Achieved by the labor of millions. Tekst. prom. 22 no. 1;3-4 Ja '62.

Against present-day anticommunism. G. L. Belkina. Vop filos. 16 no. 3;148-151 '62.

All efforts toward the realization of the new program of the CPSU. Med prom. 15 no. 12;3-6 D '61.

Beauty and richness of man. A. Levshin. Sem'ia i shkola 17 no 1-2-5 Ja '62.

The building of communism and democracy. N. Aleksandrov. Part. zhizn' no. 1 8-15 F '62.

Communism and the individual. P. L. Kriazhev. Nauch. dokl. vys. shkoly; filos. nauki 5 no. 1;33-40 '62.

Communism and work G. S. Batishchev, R. I Kosolapov Vest. Mosk. un. Ser. 8 Ekon., filos. 17 no 2, 40-53 Mr-Ap '62

Communism and work are inseparable. Muk. -elev. prom. 27 no. 12;1-2 D '61.

Congress of the builders of communism. Azerb med. zhur no 11-3-9 N '61.

Creative development of the theory of scientific communism. H. Nikol'nykov. Nauka i zhyttia 11 no. 12;2-4 D '61.

Dreams, plans, and the future. Dm. Moldavskii. Neva no. 11-130-145 '61.

Economic laws of the building of communism. A. Pashkov. Kommunist 38 no. 4;90-100 Mr '62.

"The economic problems of the transition from socialism to communism." Reviewed by V. Loktev, E. Ryzhenkov. Komm. Bel. 38 no. 6;71-75 Je '61.

Eternal power of Leninist ideas. A. V. Shcheglov. Nauch. dokl. vys. shkoly; filos. nauki 5 no. 1;160-162 '62.

Following the Lenin course to communism. Med. zhur. Uzb. no. 12;3-7 D '61.

For the solidarity, unity, and fraternity of workers of all countries! N. S. Khrushchev. Vsem. prof. dvizh. no. 1;7-16 Ja '62.

For the triumph of communism. Kiyl. rod. 12 no. 10; 1-2 O '61

Grandiose program of the building of communism. Voen -med zhur no 8;5-8 Ag '61

The great communist program. Med. zhur. Uzb. no. 9; 3-5 S '61

Great October. Koop. Kazakh. 4 no. 11 3-6 N '61.

Great program for the building of communism [with summary in English]. N. I. Pavlitskaia. Vest I GU 17 no 2-5-21 '62

Greatest power of our era V. Korionov Polit. samoobr 6 no 2 11-22 F '62

How the program of the CPSU developed the philosophical problems of scientific communism. V. P. Tugarinov Nauch. dokl. vys. shkoly; filos nauki 5 no 1;3-11 '62

How V. I. Lenin, while struggling against dogmatism, developed some problems of Marxist theory; based on the materials of the Revolution of 1905-1907. M. E Ovander. Pratsi Od. un 150 Ser susp nauk no 3 45-55 '60.

Ideological poverty of the anticommunist criticism of the new program of the CPSU A. G Grigorian, M N Delegrammatik Nauch. dokl. vys shkoly, filos nauki 5 no. 1;57-67 '62

Implement the decisions of the 22d Congress of the CPSU without delay Trakt i sel'khozmash 32 no 1-1-2 Ja '62

Important problems in the health protection of the population in the light of the new program of the CPSU. D. P. Belitskii, Z. K. Mogilevskii. Zdrav. Bel 7 no 12; 3-7 D '61

Improving production relations in the period of large-scale building of communism. P. Khod'kov Komm Bel 35 no. 6;43-49 Je '61

In the name of man. Sharaf Rashidov. Znamia 31 no 11-9-10 N '61.

Kommunisticheskaia partiia Sovetskogo Soiuza. [Program and statutes of the Communist Party of the Soviet Union] Programma Ustav. Moskva, Izd-vo polit. lit-ry, 1962. 287 p

Kommunisticheskaia partiia Sovetskogo Soiuza. TSentral'nyi Komitet. Plenum, March 1962 [Present-day stage of the building of communism and tasks of the party in the improvement of agriculture] Sovremennyi etap kommunisticheskogo stroitel'stva i zadachi partii po uluchsheniiu rukovodstva sel'skim khoziaistvom, postanovlenie Moskva, Gos. izd-vo polit. lit-ry, 1962. 19 p.

Koval', P. D. [Triumph of Leninist principles of the building of communism] Torzhestvo leninskykh printsypiv budivnytstva komunizmu Kyiv, 1961 47 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 1, no 22)

Leading role of socialist superstructure in the development of socialist foundation during the gradual transition from socialism to communism T. Khydyrov. Trudy Otd. filos. i prava AN Turk. SSR 2,57-66 '60.

Lenin, V. I. [Complete works] Polnoe sobranie sochinenii. Izd. 5. Moskva, Gos. izd-vo polit. lit-ry, Vol. 26, [July 1914-August 1915] Iul' 1914 - avgust 1915, 1961. 500 p.

Leninism, the banner under which the Soviet people fight for communism. Trudy LKI no. 36;5-13 '60.

"Lomonosov lectures" at the Faculty of History. Vest. Mosk. un. Ser. 9; Ist. 17 no. 2;73-79 Mr-Ap '62

"The Magna Charta of communist and workers' parties." Reviewed by G K. Ashin. Vop. filos 16 no. 3;152-155 '62.

Marxism-Leninism is our ideology. I. Chimburg Komm. Bel. 36 no. 3;10-24 Mr '62.

Masters of life. I. Golovan'. Neva no 10-138-149 '61.

Masters of the country. V. Moskovskii. Znamia 31 no. 12;125-132 D '61.

New program of the CPSU and the ideological bankruptcy of its bourgeois "critics" A. M. Shlepakov. Ukr. ist. zhur. 6 no 1 3-11 Ja-F '62

Planning and management must be equal to the demands of the building of communism. G. Zaiko. Nar. khoz Uzb. 4 no. 2;3-10 F '62

The present generation of Soviet people will live under communism Teor. i prak. fiz. kul't. 24 no. 9; 561-569 '61.

Problems of physiological chemistry in light of the new program of the CPSU. N. N. IAkovlev. Fiziol. zhur. 48 no. 2;121-125 F '62.

Program for the establishment of a communist society in the U.S.S.R Agrobiologiia no. 6 783-790 N-D '61.

Program of great social reforms. Kh. Momdzhian. Neva no. 10 150-157 '61.

Putiato, S. M. [Nature of the economic laws of socialism. Economic role of the socialist state] Kharakter ekonomicheskikh zakonov sotsializma. Ekonomicheskaia rol' sotsialisticheskogo gosudarstva; lektsii, prochitannye v akademii. Moskva, Mosk. sel'khoz. akad. im. K. A. Timiriazeva, 1960. 69 p

[Response of the heart; writers comment on the Program of the CPSU] Otklik serdtsa; slovo pisateiei o proekte Programmy Kommunisticheskoi partii Sovetskogo Soiuza. Moskva, Sovetskii pisatel', 1961. 214 p.

Role of radio electronics and cybernetics in the new program of the CPSU. A. I Berg. Radiotekh i elektron 7 no. 3 363-368 Mr '62.

COMMUNISM (Continued)

Rozhin, V. P. [What it means to work in the communist way] Chto znachit trudit'sia po-kommunisticheski. [Leningrad] Lenizdat, 1961. 53 p.

Society and the individual. S. Barstok. Komm. Bel. 36 no. 3:25-30 Mr '62.

Special features of qualitative and quantitative changes in the development of Soviet society during the large-scale building of socialism. IA. P. Golubenko. Trudy Otd. filos. i prava AN Turk. SSR. 2:87-105 '60.

Special features of the struggle between the new and the old during the building of communism. S. P. Dudel'. Vop. filos. 16 no. 3:120-130 '62.

The theory of scientific communism and historical materialism. A. D. Shershunov. Nauch. dokl. vys. shkoly, filos. nauki. 5 no. 1:140-143 '62.

Thoughts today. Horst Jonas. Znamia. 31 no. 11:17-19 N '61.

Time limit for the building of communism in the U.S.S.R. E. Panfilov. Polit. samoobr. 6 no. 2:55-58 F '62.

Transition to communist distribution. A. IAkovitskii. Koop. Kazakh. 4 no. 12:51-56 D '61.

The 21st Congress of the CPSU on overcoming contradictions between equality in regard to the means of production and inequality in the distribution of material and spiritual riches. E. V. Popov. Trudy Otd. filos. i prava AN Turk. SSR. 2:106-119 '60.

Twenty-second Congress of the CPSU and some important problems in physiology. I. A. Baryshnikov, D. A. Biriukov, N. V. Zinkin. Fiziol. zhur. 48 no. 3:I-VIII Ja '62.

V. I. Lenin on the methods for building a communist society in the U.S.S.R. M. A. Brusov. Trudy LKI no. 30:15-29 '60.

A valuable contribution to the treasure house of Marxist-Leninist science. Kh. Bekmuradov, N. Kuliev. Trudy Otd. filos. i prava AN Turk. SSR. 2:5-23 '60.

With faith in communism. P. A. Prozorov. Znamia. 31 no. 12:153-154 D '61.

Zhamin, V. A. [World system of socialism; a lecture] Mirovala sotsialisticheskaia sistema, lektsiia. [Moskva] Izd-vo Mosk. univ., 1961. 66 p.

COMMUNISM—BIBLIOGRAPHY see Bibliography—Communism

COMMUNISM AND ART

Adamian, A. A. [Articles on art] Stat'i ob iskusstve. Moskva, Gos. muzykal'noe izd-vo, 1961. 430 p.

Against impoverishment in innovation. N. Malakhov. Iskusstvo. 25 no. 1:70-74 '62.

"The party press in the struggle for communist ideology in literature and art, 1046-1960" by I. M. Kozachuk. Reviewed by P. M. Fedchenko. Rad. lit. 6 no. 2:121-123 Mr-Ap '62.

Time to be adventurous! S. Konenkov. Iskusstvo. 25 no. 1:2-5 '62.

COMMUNISM AND LITERATURE
(see also subdivision under Moldavia)

Breeze of the century. Viktor Lavrent'ev. Teatr. 23 no. 2:38-41 F '62.

Gei, N. K., and V. M. Piskunov. [Aesthetic ideal in Soviet literature] Esteticheskii ideal sovetskoi literatury. Moskva, Izd-vo Akad. nauk SSSR, 1962. 205 p.

Great program of creativity. Znamia. 31 no. 12:194-203 D '61.

Personality of the artist and reality. V. Shcherbina. Znamia. 31 no. 11:189-202 N '61.

"Poetry and communist morals" by V. Ivanysenko. Reviewed by V. IA. Diachkov. Rad. lit. 6 no. 2:123-124 Mr-Ap '62.

Royda, K. I. [Karl Marx and literature] Karl Marks i khudozhestvennaia literatura. Leningrad, Ob-vo po rasprostraneniiu polit. i nauchnykh znanii RSFSR, 1961. 64 p.

To be happy people! M. Panich. Neva. no. 10:142-143 '61.

COMMUNISM AND RELIGION

"All for one, and one for all." M. Gapochka, K. Samoilov. Otv. na vop. trud. no. 8:58-64 Ag '61.

Kommunisticheskaia partiia Sovetskogo Soiuza. [Communist Party and the Soviet Government on religion and church] Kommunisticheskaia partiia i Sovetskoe pravitel'stvo o religii i tserkvi. [Izd. 2.] Moskva, Gos. izd-vo polit. lit-ry, 1961. 110 p.

Powerful weapon of atheism. G. Suglobov. Kult.-pros. rab. 23 no. 1:46-48 Ja '62.

COMMUNIST COUNTRIES—ARMED FORCES

Our companions in arms. Ukraina no. 4:2-3 F '62.

COMMUN. ST COUNTRIES—COMMERCE

Basic characteristics of international socialist trade. V. Sergeev. Ekon. Sov. Ukr. no. 3:70-76 My-Je '61.

COMMUNIST COUNTRIES—COMMERCE—RUSSIA

Creation of the material and technical basis of communism and U.S.S.R. trade with socialist countries [with English summary in appendix]. O. Ivanovich. Vnesh. torg. 42 no. 2:3-13 '62.

COMMUNIST COUNTRIES—ECONOMIC CONDITIONS

Medvedev, M. V. [World-wide socialist system] Mirovala sotsialisticheskaia sistema. Pod obshchei red. F. V. Nosova. [Leningrad] Lenizdat, 1961. 60 p. (Besedy na politicheskie temy)

Unity decuples strength. V. Obchinnikov. Vokrug sveta. no. 5:1, 3 My '61.

V. I. Lenin on the use of state capitalistic forms during the dictatorship of the proletariat and the present-day implementation of his ideas. V. G. Revenko. Trudy MADI no. 26:153-173 '60.

COMMUNIST COUNTRIES—FOREIGN ECONOMIC RELATIONS

International socialist division of labor. IU. Beliaev. Otv. na vop. trud. no. 8:35-42 Ag '61.

Kuskov, E. K. [In the same rank toward cherished goal] V edinom stroiu zavetnoi tseli. Moskva, Gos. izd-vo polit. lit-ry, 1961. 61 p. (Bibliotechka znanii o kommunizme, no. 11)

Volnov, A. M., and O. I. Tarnovskii. [Toward a common aim with a united front, on the economic cooperation of socialist countries] Edinym frontom k edinoi tseli, ob ekonomicheskom sotrudnichestve sotsialisticheskikh stran. Moskva, Izd-vo "Znanie," 1961. 46 p. (Vsesoiuznoe obshchestva po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 3, no. 23/24)

COMMUNIST COUNTRIES—FOREIGN ECONOMIC RELATIONS—RUSSIA

Cooperation of socialist countries and human progress. Sh. Sanakoev. Mezhdunar. zhizn'. 9 no. 3:7-16 Mr '62.

COMMUNIST COUNTRIES—TRADE UNIONS—HANDBOOKS MANUALS, ETC.

[Trade unions of the people's democracies; concise reference book] Profsoiuzy stran narodnoi demokratii, kratkii spravochnik. [Moskva] Izd-vo VTsSPS Profizdat, No. 1 1961. 109 p.

COMMUNIST EDUCATION
(see also subdivision under Leningrad, White Russia)

Acquainting general school students with the decisions of the 22d Congress, the program and statute of the CPSU. Rus. iaz. v shkole. 23 no. 1:7-8 Ja-F '62.

Acquainting third-grade students in reading lessons with the materials of the 22d Congress and the CPSU program. E. A. Adamovich, V. I. IAkovleva. Nach. shkola. 30 no. 3:68-73 Mr '62.

Activity of the Scientific Technological Society of Nonferrous Metallurgy during 1959-1961 and its objectives in the light of resolutions of the 23rd Congress of the CPSU. TSvet. met. 35 no. 2:1-8 F '62.

Aims and some methodological aspects of teaching the decisions of the 22d Congress of CPSU and the party program in upper classes. A. T. Kinkul'kin. Prep. ist. v shkole. 17 no. 2:6-10 Mr-Ap '62.

Basis of communist education. M. Glazkova. Shkola-int. no. 1:10-11 Ja-F '62.

"Basis of scientific atheism"; "Communist education" by N. Kuliev. Reviewed by A. M. Chiperis. Izv. AN Turk. SSR. Ser. obshchestv. nauk. no. 6:91-94 '61.

Bring the great ideas of the party program to children. M. S. Vasil'eva, M. A. Vasil'eva. Nach. shkola. 30 no. 2:91-93 F '62.

Connection between the teaching of social sciences and the type of medical college [with summary in English]. V. G. Rybakov, B. IA. Fainshtein. Sov. zdrav. 21 no. 1:11-15 '62.

Discussions of the party program. T. S. Golubeva, L. S. Gellershtein. Nach. shkola. 30 no. 2:87-90 F '62.

Education of new men is the practical objective of the building of communism. A. Sergeeva, G. Karpov. Komm. Vooruzh. Sil. 2 no. 5:50-52 Mr '62.

Education of the young builders of communism. Sov. pedag. 26 no. 1:3-8 Ja '62.

First steps. V. Gidlinskii. Komm. Vooruzh. Sil. 2 no. 5:50-52 Mr '62.

Generosity of the soul. IU. Broditskaia. Polit. samoobr. 6 no. 2:108-112 F '62.

Important task of pedagogical personnel. Shkola-int. no. 1:6-8 Ja-F '62.

Lenin days in the fourth grade. A. IA. Beresteneva. Nach. shkola. 30 no. 3:18-21 Mr '62.

Lenin's corner in a school. I. N. Muzaiev. Sov. pedag. 26 no. 1:81-83 Ja '62.

Lenin's rooms in schools. S. D. Babishin. Prep. ist. v shkole. 17 no. 2:86-89 Mr-Ap '62.

Let's train active and staunch champions of communism. Prep. ist. v shkole. 17 no. 2:3-5 Mr-Ap '62.

Marxist-Leninist education of the intelligentsia during the third five-year plan. E. P. Golovina. Trudy LIEI no. 36:130-154 '61.

News photography must reflect high ideological principles. Sov. foto. 22 no. 3:1-2 Mr '62.

Some problems concerning communist education during the large-scale building of communism. A. S. Dubonosova. Trudy LIEI no. 36:155-175 '61.

Struggle of the Communist Party for the widespread, efficient, and well-organized system of party schools during its preparations for socialist offensive on a wide front, 1926-1930. IU. M. Pochebut. Trudy LIEI no. 36:94-109 '61.

Studying the materials of the 22d Congress of the CPSU in the graduating classes of secondary schools. E. O. TSvikal'ska. Ukr. ist. zhur. 6 no. 2:86-96 Mr-Ap '62.

Studying the topic "Development of the material and technical base of communism is the main economic goal of the party and the Soviet people" in upper grades. V. P. Guslkov, I. Z. Ozirskii. Prep. ist. v shkole. 17 no. 2:63-68 Mr-Ap '62.

Talking to students about the party program. G. Levinson. Klub. 11 no. 1:17-19 Ja '62.

The 21st Congress of the CPSU and the communist education of workers during the large-scale building of communist society. N. Kuliev. Trudy Otd. filos. i prava AN Turk. SSR. 2:11-56 '60.

V. I. Lenin and communist education. L. A. Miakchylov. Pratsi Od. un. 150. Ser. susp. nauk no. 3:21-34 '60.

COMMUNIST ETHICS

Aleksin, A. G. [Let us talk about conscience] Pogovorim o sovesti. [Moskva] Mosk. rabochii, 1961. 49 p. (Besedy o nravstvennosti)

For the triumph of communist ethics. N. Pakhomov. Komm. Bel. 36 no. 3:31-36 Mr '62.

Let us work out the theoretical principles of the formation of communist consciousness. A. A. Belobrodov. Vop. filos. 16 no. 3:156-162 '62.

"Majestic rank of workers" by I. D. Leonov; "Man glorified by work" by N. M. Belikov. Reviewed by V. Gusarov. Neva. no. 8:212-213 '61.

Marxist-Leninist ethics and conscience. L. B. Volchenko. Vop. filos. 16 no. 2:134-144 '62.

Moral code of the builders of communism. G. Karpov. Ekon. sel'khoz. 32 no. 12:34-43 D '61.

Moral code of the builders of communism. Voiov. ateist. no. 2:2-5 F '62.

Moral development of personality in the groups of communist labor. V. K. Bakshutov. Nauch. dokl. vys. shkoly; filos. nauki. 5 no. 1:41-48 '62.

"Readings in Marxist ethics." Reviewed by V. S. Ovchinnikov. Vop. filos. 16 no. 2:160-163 '62.

The 22d Congress of the CPSU and some problems of ethics [with summary in English, p. 184]. M. G. Zhuravkov. Vop. filos. 16 no. 2:3-14 '62.

COMMUNIST INTERNATIONAL

The Communist International in the struggle for the unity of the working class in 1922 and the tactics of social reformism [with summary in English]. S. A. Mogilevskii. Vest. LGU. 17 no. 2:47-59 '62.

History of V. I. Lenin's struggle to create the Third International. V. S. Ten. Trudy TashGU no. 170:60-75 '60.

COMMUNIST PARTIES

Brief notes on recently published books. Obshchestv. nauki v Uz. no. 3:76-77 '61.

How in our time can the proletariat gain power? B. Leonidov. Otv. na vop. trud. no. 8:20-34 Ag '61.

COMMUNIST PARTY see subdivision under Belgium, Brazil; Bulgaria; Ceylon; Chile; China; Czechoslovakia; France; Japan, Poland; United States

COMMUNIST PARTY OF THE SOVIET UNION
(see also subdivision under Lithuania, Uzbekistan)

Along the Leninist course. Vest. Vozd. Fl. no. 11:1-6 N '61.

The Bolshevik Party during the years of the new revolutionary upsurge, 1910-1914. T. A. Tutundzhan. Trudy TashGU no. 170:188-208 '60.

The CPSU is the party of the whole nation. G. Shitarev. Polit. samoobr. 6 no. 2:34-44 F '62.

Closely massed around our native party. I. F. Khalipov. Vest. protivovozd. obor. no. 10:11-16 O '61.

The Communist Party is the vanguard of the Soviet people. V. IAkovlev. Nar. asv. no. 1:12-17 Ja '62.

Congress of our native party. K. A. Veiskhanin. Vest. Vozd. Fl. no. 10:2-8 O '61.

Growth of the role of the CPSU in the period of the extensive building of a communist society. T. I. Kroshninkova. Trudy LKI no. 30:31-41 '60.

A high and honorable trust. D. K. Maksimov. Vest. protivovozd. obor. no. 10:17-19 O '61.

Important regulation of the statutes of the CPSU. S. Ivanov. Mest. prom. i khud. promys. 3 no. 1:17 Ja '62.

Kommunisticheskaia partiia Sovetskogo Soiuza. [Program and statutes of the Communist Party of the Soviet Union] Programma. Ustav. Moskva, Izd-vo polit. lit-ry, 1962. 287 p.

Leading role of the CPSU in the preparation and enactment of Soviet laws. P. Polezhai. Rad. pravo. no. 1:60-66 Ja-F '62.

Leningrad. Institut inzhenerov zheleznodorozhnogo transporta. [Struggle of the Communist Party for the development of Soviet railroads] Iz istorii bor'by Kommunisticheskoi partii za razvitie sovetskogo zheleznodorozhnogo transporta. Leningrad, 1960. 248 p. (Its Uchenye zapiski kafedry marksizma-leninizma)
(MH)

Most remarkable document of creative Marxism. N. Ruban. Otv. na vop. trud. no. 8:2-10 Ag '61.

COMMUNIST PARTY OF THE SOVIET UNION (Continued)

Nikitin, M. I., and I. L. Kats, comps. [Under their country's flag] Pod flagom Rodiny [Leningrad] Lenizdat, 1961 158 p

Party chronicle. Part. zhizn' no. 1:79-80 F '62.

Party chronicle. Part. zhizn' no. 5 79-80 Mr '62.

Principles of permanent purge in the new program of the CPSU G V Akminov Mat i soob Inst otd Inst po izuch SSSR no 28 1-20 O '61

The provincial committee of the party and the rural district committees S Pazikov. Part. zhizn' no 4: 16-22 F '62.

Statutes of the CPSU on the rights and obligations of party members. F Likhachev Komm Vooruzh Sil 2 no. 5 42-48 Mr '62.

Truthfulness is an indispensable property of a communist A. Pylaev, I Mitin. Part zhizn' no. 6 50-53 Mr '62

The 22d Congress of the CPSU and the tasks confronting Soviet scientists Opt i opyt 12 no 1 1-2 Ja '62.

The word "party" is sublime. Gurgen Borian. Znamia 31 no 11:7-8 N '61

Work of the whole party and the whole people Part. zhizn' no. 6 1-8 Mr '62

COMMUNIST PARTY OF THE SOVIET UNION—BIBLIOGRAPHY see Bibliography—Communist Party of the Soviet Union

COMMUNIST PARY OF THE SOVIET UNION—CONGRESSES

Breeze of the century. Viktor Lavrent'ev Teatr 23 no. 2 38-41 F '62.

Congress of the builders of communism. Koop. Kazakh. 4 no. 11:7-11 N '61.

Congress of the builders of communism. Rus. iaz. v shkole 23 no 1 1-6 Ja-F '62

Congress of the builders of communism. Shkola-int. no. 1:2-5 Ja-F '62.

Congress of the builders of communism. Voen vest 41 no 10 3 8 O '61.

Congress of the great Leninist party. S. S. Birluzov. Vest protivovozd oborony no 10:3-10 O '61.

"Decision to start the large-scale building of socialism; on the 16th anniversary of the 11th Congress of the Russian Communist Party (Bolshevik) Ukr ist zhur 6 no 1 141-143 Ja-F '62

The eleventh party congress. Lenin's plan for the building of socialism in the U. S. S. R. The twelfth party congress. M. I. Peskova. Trudy TashGU no. 170:209-232 '60.

Glorious 50th anniversary. A. Ankudinov. Okhr. truda i sots. strakh 5 no. 1:6-7 Ja '62.

Manifesto of communism. Aleksandr Korneichuk. Teatr 23 no 2 32-38 F '62.

Matiushkin, N. I. [The 20th Congress of the CPSU] Dvadtsatyi s"ezd KPSS. Moskva, Gos. izd-vo polit. lit-ry, 1962. 142 p. (S"ezdy, konferentsii i plenumy TsK KPSS)

The party solemnly proclaims... Znamia 31 no. 11: 3-7 N '61

Problems of the Academy of Sciences of the Latvian S. S. R. and the 22d Congress of the Communist Party of the Soviet Union K. Plaude. Izv. AN Latv. SSR no. 1:3-12 '62.

Reports of the delegates to the 22d Congress of the CPSU. V. I. Gaganova, M. I. Rozhnev, IU. M. Vecherov. Tekst. prom. 22 no. 1:5-12 Ja '62.

Stepanov, A. S. [The Tenth Congress of the Russian Communist Party (Bolshevik)] Desiatyi s"ezd RKP (b). Moskva, Gos. izd-vo polit. lit-ry, 1961. 117 p. (S"ezdy, konferentsii i plenumy TsK KPSS)

The 22d Congress is a historic one. Starsh. -serzh. no 11:1 O[i. e. N] '61.

Twenty-Second Congress of the CPSU. K. Graudiņš. Izv. AN Latv SSR no 11 3-14 '61.

Twenty-Second Congress of the CPSU is a congress of the builders of communism E. IUnovich. Klub 11 no. 1:22-26 Ja '62.

We are the pioneers of communism. I. Studennikov. Sov. voin 43 no. 22 3 N '61.

COMMUNIST PARTY OF THE SOVIET UNION—MEMBERSHIP

Chizhov, V. S. [A man joined the party] Chelovek vstupil v partiiu. [Moskva] Mosk. rabochii, 1961. 61 p.

Important link of nonstaff personnel. V. Babkin, A. Puzanov. Part. zhizn' no 6:30-35 Mr '62.

Legal status of candidates for membership in the U.S.S.R Komm. Vooruzh. Sil 2 no. 5:86-87 Mr '62.

COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

(see also subdivision under Alma-Ata; Bulnyevo; Chelyabinsk Province; East Kazakhstan Province; Gur'yev; Kazakhstan; Kharkov; Kharkov Province; Kumertau; Leningrad; Leningrad Province; Moldavia; Moscow; Novosibirsk; Tatar A.S.S.R.; Tiraspol' District; Ukraine; Vitebsk Province; White Russia)

Beloglovtsev, A. F. [The source of great activity] Istochnik vysokoi aktivnosti. [Leningrad] Lenizdat, 1961. 54 p. (Iz opyta propagandistskoi raboty)

Brightest democracy on earth. Polit. samoobr. 6 no. 2: 3-10 F '62.

Collectivity is an important principle of party leadership. A. Kravchenko Komm Vooruzh Sil 2 no 4:26-35 F '62

Clubs propagandize the party program. A. Churinov, G. Gennadiev. Klub 11 no 1:3 Ja '62

Community participation in party work Part. zhizn' Kazakh 32 no. 2,3-8 F '62.

Constantly operating lecture bureau directed by the apartment-house management. F. TSvetkov Part zhizn' no 1 56-57 F '62

Formation of communist social relations. V. Sergeev. Komm Vooruzh Sil 2 no 4:43-48 F '62

From 10 to 23. A. Mikheev, V. Naryshkin. Klub 11 no. 1 4 Ja '62

Further the development of public initiative in party work Part. zhizn' no 5,71-75 Mr '62.

Give attention to organizational work Part zhizn' no 6 70-73 Mr '62

[In step with the times] V nogo so vremenem. [Moskva] Mosk. rabochii, 1962 133 p (V pomoshch' agitatoru i propagandistu)

Ivanov, A. N. [The Communist is an energetic fighter for the party] Kommunist - aktivnyi boets partii. [Leningrad] Lenizdat, 1961. 41 p. (Bibliotechka sekretaria partiinoi organizatsiia)

Initiative in party work. Komm. Vooruzh. Sil 2 no. 4: 87-91 F '62

Krasov, A., and E. Petrov, comps. [With the help of newspapers] Opiraias' na gazetu. [Red. A. Belanovskii] Moskva, Gos izd-vo polit lit-ry, 1961. 151 p. (V pomoshch' rabotnikam pechati)

Lenin's principle of truth in propaganda N Kovynev Polit. samoobr 6 no 2 113-119 F '62

Let's improve our ideological work. Komm. Bel. 36 no. 3:2-7 Mr '62.

Let's prepare party meetings carefully. P. Opanchuk. Komm. Mold 6 no. 7:29-32 Jl '61.

On the right path. B Borisov. Polit. samoobr. 6 no. 2 102-107 F '62.

Party news Part. zhizn' no 6.79-80 Mr '62.

Party organizations disseminate the experience of the best teachers. M. Shabanov. Nar. obr no. 3:16-19 Mr '62

Party work in a boarding school. V. Malakhov. Shkola-int. no 1:17-21 Ja-F '62.

Shilov, B. F. [Lofty ideals are an assurance for triumph] Vysokaia ideinost', zalog pobedy. [Leningrad] Lenizdat, 1960. 61 p. (Bibliotechka sekretaria partiinoi organizatsii)

(MII)

Sukhanov, N. A. [Do creative work in the name of the victory of communism; practices of the Leningrad party organization in the field of literature and art] Tvorit' vo imia pobedy kommunizma, iz opyta raboty Leningradskoi partiinoi organizatsii v oblasti literatury i iskusstva. [Leningrad] Lenizdat, 1961. 158 p.

Training of economic administrators. G. Abuov. Part. zhizn' Kazakh. 32 no. 2:17-22 F '62.

"The 22d Congress of the CPSU and ideological work" Reviewed by IA. Aleksandrov, F. Dolgikh Part. zhizn' no. 6:74-77 Mr '62

Unity of ideological and organizational work. Part. zhizn' no. 5:3-7 Mr '62.

Vsesoiuznoe soveshchanie po voprosam ideologicheskoi raboty, Moscow, 1961. [The 22th Congress of the CPSU and the problems of ideological work; materials of the conference] XXII s"ezd KPSS i voprosy ideologicheskoi raboty; materialy. Moskva, Gos. izd-vo polit. lit-ry, 1962. 462 p.

"Why did they mention the secretary of the party organization?" Vl. Razin. Part. zhizn' no 4:50-53 F '62.

COMMUNIST PARTY OF THE SOVIET UNION—PERIODICALS

From the materials of "Partiinaia zhizn'." Part. zhizn' no 6.78 Mr '62

COMMUNIST REVISIONISM

Criticism of the present-day revisionist concept of the economic role of the state in the transition process from capitalism to socialism. B. F. Shakhov. Nauch. trudy MTILP no. 18:3-26 '60.

Marxist interpretation of Hegel's works and its distortion by revisionists. A. Gede. Nauch. dokl. vys shkoly; filos. nauki 5 no. 1:107-113 '62.

COMMUNIST STATE

Development of the socialist state into communist communal self-government. V. Barakhtian. Rad. pravo no. 1:66-73 Ja-F '62

How the program of the CPSU develops the Marxist-Leninist theory of the leadership of workers. A. M. Kovalev. Nauch. dokl. vys. shkoly; filos. nauki 5 no. 1: 12-23 '62.

The socialist state belongs to all the people. A. G. Lashin. Vest. Mosk. un. Ser. 10; Pravo 17 no 1:3-15 Ja-Mr '62.

Some problems of the theory of the socialist state in the program of the CPSU. S. Fuks. Rad. pravo no. 1:49-59 Ja-F '62.

COMMUNIST YOUTH LEAGUE

(see also subdivision under Armenia; Novosibirsk Province; Ukraine)

All are unlike. N. Lisov. Komsom. zhizn' no. 3:14-15 F '62.

Communist Youth League members as shock workers Komsom zhizn' no 3:2-4 F '62

Cooperation between the Communist Youth League organizations of schools and industrial enterprises R. Marachova. Nar asv. no 1:51-59 Ja '62

If you bear the name of Communist Youth League member I. Ivanov Komm Vooruzh Sil 2 no 4,69-71 F '62

Improve party leadership of the Communist Youth League organizations Part zhizn' no 4 3-7 F '62

Kosukha, P. I. [Lenin and the Communist Youth League] Lenin i komsomol. Kyiv, 1961. 47 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 10, no. 12)

Memorable milestones. L. Nedosugov IUn. tekh. 6 no. 2:38-41 '62.

Most reliable support of the commander B Krokhov Voen. vest. 11 no 10 60-61 O '61

New beacons are lighted. IU. Kucherov. Komm. Vooruzh. Sil 2 no. 4;66-68 F '62

Patronage aid of the V. I. Lenin Communist Youth League to the construction sites of steel mills in the Donets Basin, 1958-1961. V. IA. Fillimonenko Ukr. ist zhur 6 no. 2:54-64 Mr-Ap '62.

Questions and answers. Komsom. zhizn'. no. 3:29-30 F '62.

Restless hearts. V. A. Mitroshenkov. Vest. protivovozd. obor no. 10;31-34 O '61.

Seeking and finding. Komsom. zhizn' no. 3:31 F '62

Together with the Communist Youth League. A. Belokon' Voen. znan. 38 no 1;17-18 Ja '62.

True to their word. R. Abdullin Voen vest 41 no 10 79-80 O '61.

You are the boss at the plant. IU. Gorchenko, M. Medvedev. komsom. zhizn' no. 3:9-13 F '62.

COMMUNISTS

(see also subdivision under Ust'-Kamenogorsk)

[Communists] Kommunisty. Moskva, Izd-vo "Pravda," 1962. 80 p. (Biblioteka "Komsomol'skoi pravdy," no. 1)

Itigin, A. S. [Communists take the lead] Vperedi kommunisty. [Leningrad] Lenizdat, 1961 64 p

COMMUNITY AND SCHOOL

(see also subdivision under Cheboksary)

Back in the ranks. G. A. Kozyreva. Doshk. vosp. 35 no 2:87-89 F '62.

Osipova, E. K., and M. B. TSentsiper. [School and community] Shkola i obshchestvennost'. Moskva, Izd-vo "Znanie," 1962. 47 p. (Novoe v zhizni, nauke, tekhnike, XI Seriia Pedagogika, no. 1)

COMMUNITY CENTERS

(see also subdivision under Bol'shaya Arya; Bryansk; Bykhov; Dodovsk, Grigiskos; Klintsy; Labazy; Novgorod Province, Ust'-Labinskaya District)

[Community center calendar.] Klub, kal. no. 2 Jl-D '61.

Cultural development in the country. I Dorofeev. Kul't pros. rab. 23 no. 1,42-45 Ja '62.

Editor's mail A. Belinskii and others. Kul't -pros rab 23 no. 1:31-34 Ja '62

In the New Year we will strive for new heights. Klub 11 no. 1:1 Ja '62.

Inspection committees. A. Dimentman Kul't. -pros rab. 23 no. 2 28-29 F '62

COMMUNITY LIFE

(see also subdivision under Baku; Kalinin Province; Norilsk Province; Saratov Province; Shalya District, Uzbekistan; Volgograd; Vygonichi; Zorino)

Ivanovskii, S. V., comp. [Enthusiasts of cultural and educational work] Entuziasty kul'turno-prosvetitel'noi raboty. Moskva, Izd-vo "Sovetskaia Rossiia," 1961 110 p. (Bibliotechka sel'skogo klubnogo rabotnika, no. 14)

COMPANION CROPS

Lykhvar, D. F., and P. K. Chemerys. [Companion cropping of corn with pulse for silage] Sumisne vyroshchuvannia kukurudzy z zernobobovymy na sylos. Kyiv, 1961, 45 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 5, no. 24)

COMPARATIVE ANATOMY see Anatomy, Comparative

COMPASS, SURVEYOR'S see Surveyor's compass

COMPENSATION, WORKMEN'S see Employers' liability

COMPETITION, INTERNATIONAL

Comparing the levels of the economic development of two world systems. A. Alekseev. Plan. khoz. 39 no. 3: 9-18 Mr '62

The course of economic competition between socialism and capitalism. S. A. Suponitskii. Vest. Mosk. un. Ser. 8, Ekon., filos. 17 no. 2:12-27 Mr-Ap '62

Peaceful economic competition between the world socialist system and capitalism. IU. Golobushin. Ekon. Sov. Ukr. no. 3:92-99 My-Je '61.

COMPETITION, INTERNATIONAL (Continued)

T

systems] Reshaiushchii etap ekonomicheskogo sorevnovaniia dvukh sistem. Podgotovka i red. osushchestvlena S. P. Prokop'evym. Moskva, Sotsekgiz, 1961. 164 p. (MH)

COMPLEMENT FIXATION

Complement fixation reaction in 1/5 of the volume with the protein fraction of Treponema pallidum as an antigen. L. V. Sazonova. Lab. delo. 8 no. 2: 15-18. F '62.

Complement fixation reaction in the diagnosis of paratuberculosis. T. R. Gainullin. Veterinariia. 39 no. 1: 30. Ja '62.

Hemoculture, myeloculture, and complement fixation reaction in cold for antigen detection at various stages of brucellosis infection. V. M. Medzhidov. Med. zhur. Uzb. no. 12: 55-59. D '61.

COMPLEX COMPOUNDS

Amperometric determination of zinc using the pyridine-thiocyanate method. A. T. Marunina. Zav. lab. 28 no. 1: 25-26. '62.

Certain problems in the theory of analytical color reactions with organic reagents. Report No. 1: Mechanism of the complex-forming reactions of some divalent metal ions with 8-hydroxyquinoline azo derivatives [with summary in English]. A. I. Cherkesov. Zhur. anal. khim. 17 no. 1, 16-22. Ja-F '62.

Role of complex-forming additions in the synthesis of phthalocyanines. Part 3: Mechanism and direction of the catalytic action of complex-forming additions in the synthesis of Fe-phthalocyanine. A. P. Rudenko. Zhur. ob. khim. 32 no. 2, 531-538. F '62.

COMPLEX COMPOUNDS—DIPOLE MOMENTS

Dielectric polarization method for investigating donor-acceptor type complexes. E. N. Gur'ianova, I. P. Gol'dshtein. Zhur. ob. khim. 32 no. 1: 12-16. Ja '62.

COMPOSERS, UKRAINIAN

A composer from the city of Sambor. Mykhailo Latyshev. Ukraina no. 3: 22-23. I '62.

COMPOSITAE

Akademiia nauk SSSR, Botanicheskii institut. [Flora of the U. S. S. R.] Flora SSSR. Moskva, Izd-vo Akad. nauk SSSR, 1961. 938 p. (Flora SSSR, vol. 26)

COMPOST

Manure-soil composts. F. P. Lobov. Biol. v shkole no. 2: 78-81. Mr-Ap '62.

Manure-soil composts for potatoes and vegetables in Uzbekistan. G. I. Abolina, D. Z. Fatkhullaeva. Agrobiologiia no. 6: 821-825. N-D '61.

Preparation and use of manure-soil compost. A. F. Onufriev. Zemledelie. 24 no. 1: 64-65. Ja '62.

Using machinery in the preparation and application of composts. M. M. Kaplunov, N. M. Tamarin, M. M. Shipilov. Zemledelie. 24 no. 1: 54-59. Ja '62.

COMPOUND E see Cortisone

COMPRESSED AIR

Determination of leakages in pipelines conducting compressed air. B. B. Kudriashov. Prom. energ. 17 no. 3: 14-17. Mr '62.

Use of compressed air to form nonfreezing areas in water reservoirs. B. S. Borodkin, G. I. Melkonian. Trudy LIVT no. 8: 23-34. '60.

COMPRESSIBILITY

Impact compressibility of liquid nitrogen and solid carbon dioxide. V. N. Zubarev, G. S. Telegin. Dokl. AN SSSR. 142 no. 2: 309-312. Ja '62.

COMPRESSORS

Expanding the field of stable performance of the axial compressor stage. V. N. Ershov and others. Teploenergetika. 9 no. 2: 41-44. F '62.

New compressors made at the Borets Plant. S. M. Sokolovskii. Khim. mash. no. 6: 7-10. N-D '61.

Relation between the dimensions of a working wheel and diffuser in the centrifugal compressor stage. S. P. Livshits. Energomashinostroenie. 8 no. 2: 4-8. F '62.

"Rotary vacuum pumps and compressors with liquid piston," by V. I. Tetertukov. Reviewed by N. I. Shelkov. Khim. mash. no. 6: 47. N-D '61.

Shpital'nikov, K. F. [Semigraphical methods of determining the air parameters of the centrifugal stage of a compressor] Grafoanaliticheskie sposoby opredeleniia parametrov vozdukha v tsentrobezhnoi stupeni kompressora. Moskva, Mashgiz, 1961. 227 p.

Study of the structure of the flow in a centrifugal compressor stage with a twist in the output. M. T. Stoliarskii. Izv. vys. ucheb. zav.; energ. 5 no. 1: 77-84. Ja '62.

Use of revolving diffusers in centrifugal compressing machines. S. P. Livshits. Teploenergetika. 9 no. 3: 25-29. Mr '62.

Use of the MAI-2 indicator device for testing piston compressors. N. M. Barannikov. Gor. zhur. no. 12: 63-64. D '61.

COMPULSORY EDUCATION see Education, Compulsory

COMPUTER PROGRAM LANGUAGES see Programming languages (Electronic computers)

CONCEPTION—PREVENTION

Instruction concerning the use of "Nicoceptin" contraceptive tablets. Feld'sher i akush. 26 no. 11: 48. N '61.

CONCERTOS (PIANO)

History of the creation of the first piano concerto by J. Brahms. L. F. Brumberg. Trudy Gos. muz.-ped. inst. no. 2: 187-206. '61.

Piano concerto of O. Taktakishvili. L. B. Bulatova. Trudy Gos. muz.-ped. inst. no. 2: 73-98. '61.

CONCRETE

(see also subdivision under Volga Hydroelectric Power Station (22d Congress of the CPSU)

Mironov, S. A., and L. A. Malinina. [Accelerating the hardening of concrete, steaming concrete under factory conditions] Uskorenie tverdeniia betona, proparivanie betona v zavodskikh usloviiakh. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 222 p.

CONCRETE, AIR-ENTRAINED see Air-entrained concrete

CONCRETE—CORROSION

Corrosion of the concrete of road bridges, pipes, etc. in southern Kazakhstan. A. I. Musaev, V. P. Trenkina, M. M. Erkenov. Trudy Kazakh. fil. ASiA no. 2: 161-173. '60.

CONCRETE—TESTING

Phase conversions in mixes of lime and roasted clay (keramzit) during autoclave treatment. B. N. Vinogradov. Sbor. trud. VNIINSM no. 4: 134-170. '61.

Study of the electroosmotic treatment of concrete. A. V. Sidorov. Gidr. stroi. 32 no. 12: 21-24. D '61.

Testing concretes for water permeability. IU. D. Snegirev and others. Trudy NPI. 113: 47-60. '61.

CONCRETE—TRANSPORTATION

Belt conveyers for concreting operations. G. D. Petrov. Gidr. stroi. 32 no. 12: 17-21. D '61.

CONCRETE, PRECAST see Precast concrete

CONCRETE BLOCKS

Silicate and sawdust concrete blocks from local materials. N. A. Kalnina. Trudy Zap.-Sib. fil. ASiA no. 3: 35-41. '60.

CONCRETE CONSTRUCTION, PRECAST see Precast concrete construction

CONCRETE PAVEMENTS see Pavements, Concrete

CONCRETE PLANTS

Interfarm precast reinforced concrete plant. S. Fel', L. Vilenta. Sil'. bud. 11 no. 12: 18-21. D '61.

Selecting an efficient type of cement concrete plant. G. A. Lakovleva, A. S. Zotova. Avt. dor. 25 no. 1: 15-16. Ja '62.

CONCRETE REINFORCEMENT

Effect of initial stresses on the relaxation of wire for stressed reinforced concrete. V. I. Kokhno. Stal' 22 no. 2: 186-187. F '62.

CONCRETE REINFORCEMENT—WELDING

Machine for welding steel reinforcing rods. B. Parseniuk. Stroi. i arkhit. 9 no. 12: 31-32. D '61.

CONCRETE ROOFING see Roofing, Concrete

CONCRETE SLABS

Heat and moisture treatment of three-layer wall panels manufactured on stands. A. I. Krotov. Trudy Zap.-Sib. fil. ASiA no. 3: 150-158. '60.

Reinforcing ash-concrete slabs for roofs and floors. N. S. Volkov. Trudy Zap.-Sib. fil. ASiA no. 3: 111-119. '60.

CONCRETE WALLS

Reinforced concrete exterior wall slabs containing reed, manufactured by a vertical method for use in earthquake districts. T. Zh. Zhunusov, A. N. Dolgikh. Trudy Kazakh. fil. ASiA no. 2: 64-75. '60.

Wall panels made of cellular concrete. V. Pinskii. Zhil. stroi. no. 12: 8-10. '61.

CONDENSATE OIL WELLS see subdivision under Azerbaijan

CONDENSATION PRODUCTS (CHEMISTRY)

Condensation of polychlorocyclopentadienes with acetylene. G. A. Tarasova and others. Neftekhimiia. 1 no. 1: 85-89. Ja-F '61.

CONDENSERS (ELECTRICITY)

Concerning the reliability of ceramic capacitors with a high reactive power rating. A. T. Aliadiev. Elektrichestvo no. 2: 30-32. F '62.

Use of transverse compensation condensers for reducing the unbalance of partial phase operation. N. A. Mel'nikov. Elektrichestvo no. 2: 10-14. F '62.

CONDENSERS (STEAM)

Condensate level indicator in a turbine condenser. L. A. Fuks. Energetik. 10 no. 3: 14. Mr '62.

Use of the condenser as a feed water heater. L. M. Krichker. Energetik. 10 no. 3: 14-16. Mr '62.

CONDITIONED RESPONSE

Age characteristics of inhibition of verbal reactions in children. M. V. Sokolova. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. 8: 20-27. '61.

Age-related characteristics of conditioned reflexes to time [with summary in English]. A. S. Dmitriev, V. N. Semenov. Zhur. vys. nerv. deiat. 11 no. 4: 723-729. Jl-Ag '61.

Analytic and synthetic activity in children who are oligophrenic. N. G. Gartashtein, T. B. Delova. Trudy Inst. nerv. deiat. Ser. patofiziol. 8: 83-90. '61.

Behavioral reactions of cats following the removal of the neocortex [with summary in English]. M. A. Nutsubidze, TS. A. Ordzhonikidze. Trudy Inst. fiziol. AN Gruz. SSR. 12: 85-93. '61.

Cardiovascular orienting conditioned reflexes and typological characteristics of man [with summary in English]. T. A. Kaminskaia. Vest. LGU. 17 no. 3: 114-123. '62.

Change in the higher nervous activity in rabbits under conditions of growth and malignant degeneration of a virus papilloma [with summary in English]. A. I. Nadareishvili. Zhur. vys. nerv. deiat. 11 no. 4: 742-749. Jl-Ag '61.

Changes in the motor conditioned reflexes in man under conditions of hypodic hypoxia and low barometric pressure [with summary in English]. V. N. Alifanov. Zhur. vys. nerv. deiat. 11 no. 4: 615-622. Jl-Ag '61.

Changes in the motor (defense) conditioned reflexes in dogs at varying stages of a heavy static load [with summary in English]. A. G. Filippova. Zhur. vys. nerv. deiat. 11 no. 4: 711-717. Jl-Ag '61.

Characteristics of the activity of the auditory analyzer in aphasia [with summary in English]. S. I. Kaidanova, IA. A. Meerson. Zhur. vys. nerv. deiat. 11 no. 4: 602-608. Jl-Ag '61.

Comparative characteristics of the dynamics of neural processes in the auditory and visual analysers in dogs in relation to the characteristics of their structure [with summary in English]. N. S. Popova. Zhur. vys. nerv. deiat. 11 no. 4: 690-696. Jl-Ag '61.

Comparative physiological characteristics of extinguishing inhibition [with summary in English]. T. P. Shilafar. Zhur. vys. nerv. deiat. 11 no. 4: 753-758. Jl-Ag '61.

Comparison of the results of individual studies in the evaluation of the basic properties of the higher nervous activity in mice [with summary in English]. V. K. Fedorov. Zhur. vys. nerv. deiat. 11 no. 4: 745-752. Jl-Ag '61.

Conditioned reflex changes of the critical discretion interval in the auditory analyzer in man [with summary in English]. Zhur. vys. nerv. deiat. no. 4: 593-601. Jl-Ag '61.

Conditioned reflex reproduction of a form of the course of the process of cortical excitation [with summary in English]. Zhur. vys. nerv. deiat. 11 no. 4: 665-668. Jl-Ag '61.

Data on the characteristics of the functional condition of the higher segments of the central nervous system in persons exposed to a prolonged contact with ionizing radiations [with summary in English]. V. M. Zvorykin. Zhur. vys. nerv. deiat. 11 no. 4: 609-614. Jl-Ag '61.

Formation of respiratory conditioned reflexes to simultaneous and successive complex stimuli in cats [with summary in English]. L. A. Toporkova. Zhur. vys. nerv. deiat. 11 no. 4: 716-722. Jl-Ag '61.

Further study of the interaction of the signal systems in children in various types of higher nervous activity. Z. N. Briks. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. 8: 28-35. '61.

Further study of the interaction of the signal systems in school children. B. M. Kurbatov. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. 8: 10-19. '61.

History of the study of the corticovisceral problem in the Institute of Experimental Medicine of the Academy of Medical Sciences of the U. S. S. R. A. V. Rikkl', Vest. AMN SSSR. 16 no. 11: 17-20. '61.

Influence of a high environmental temperature on simultaneous complex conditioned reflexes in dogs [with summary in English]. L. M. Sidorova. Zhur. vys. nerv. deiat. 11 no. 4: 697-702. Jl-Ag '61.

Influence of cholinolytics chiefly with central action, on the conditioned reflex activity in rabbits [with summary in English]. P. P. Denisenko. Zhur. vys. nerv. deiat. 11 no. 4: 730-737. Jl-Ag '61.

Influence of single doses of ultraviolet radiation on the higher nervous activity of animals [with summary in English]. E. F. Al'bitskaia, A. A. Krivova. Zhur. vys. nerv. deiat. 11 no. 4: 759-762. Jl-Ag '61.

Interaction between temporary connections of the varying character in the process of the development of conditioned reflexes to the radio of stimuli [with summary in English]. Zhur. vys. nerv. deiat. 11 no. 4: 638-630. Jl-Ag '61.

Interaction between the varying character of conditioned connections in the process of switch-over formation [with summary in English]. A. N. Znamenskaia. Zhur. vys. nerv. deiat. 11 no. 4: 645-650. Jl-Ag '61.

CONDITIONED RESPONSE (Continued)

Interaction of motor food conditioned reflexes in rabbits [with summary in English] M. F. Polivannaia Zhur. vys. nerv. deiat. 11 no. 4:735-741 Jl-Ag '61

Interaction of temporary connections of the varying character in the process of stereotype formation in a child [with summary in English] E. N. Dogtiar' Zhur. vys. nerv. deiat. 11 no. 4:640-644 Jl-Ag '61

Localization of some forms of conditioned and unconditioned inhibition [with summary in English]. I. I. Tokarenko. Zhur. vys. nerv. deiat. 11 no. 4:703-710 Jl-Ag '61.

Method for artificial feeding of puppies in the early postnatal period. N. V. Toropova Zhur. vys. nerv. deiat. 11 no. 4:763-765 Jl-Ag '61.

Physiological functions of temporary connections. M. I. Rozin Dokl. AN BSSR 6 no. 2:134-135 F '62

Problem of localizing inhibition during the extinction of conditioned reflexes to chain stimuli [with summary in English] B. F. Sergeev. Zhur. vys. nerv. deiat. 11 no. 4:668-673 Jl-Ag '61.

Relationship between individual characteristics of immunogenesis and typological characteristics of the nervous system in rabbits. Report No. 2. Dynamics of the formation of agglutinins in relation to the functional force of neural processes [with summary in English]. V. N. Krylov, O. V. Malinovskii Zhur. mikrobiol., epid. i immun. 32 no. 8:92-96 S '61

Reproduction of some symptoms of radiation sickness in dogs exposed earlier to the effect of X rays as shown by indexes of change in the complex conditioned reflex motor activity [with summary in English]. O. N. Vosvodina. Zhur. vys. nerv. deiat. 11 no. 4:674-679 Jl-Ag '61.

Role of the hippocampal convolution in the formation of temporary connections. M. A. Nutsubidze. Soob. AN Gruz. SSR 27 no. 6:765-770 D '61.

Role of the mobility of nervous processes in conditioned trace reflexes of dogs with different types of the higher nervous activity. V. A. Adamovich-Gerasimov. Dokl. AN BSSR 6 no. 2:130-133 F '62.

Significance of the interrelation of intensities of the signal stimulus and the reinforcement during the formation of motor reflexes to specific agents [with summary in English]. E. G. Vataura. Zhur. vys. nerv. deiat. 11 no. 4:600-604 Jl-Ag '61.

Some characteristics of the formation of conditioned reactions to immediate and verbal complex stimuli in school children at the end of a school day. L. S. Rogachenko. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. 8:38-49 '61.

Some conditions for detecting dynamic transmission in children. B. M. Kuibatov. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. 8:5-9 '61.

Some data on cortical localization and separate work of paired auditory centers in dogs [with summary in English]. V. M. Mosidze Trudy Inst. fiziol. AN Gruz. SSR 12:107-119 '61.

Some data on the influence of large ("psychogenic") doses of plegicil on motor conditioned reflexes, behavior, and autonomic functions in dogs [with summary in French]. A. IA. Rappeport. Zhur. nevr. i paikh. 61 no. 6:909-910 '61.

Structure of the closing apparatus in conditioned reflexes [with summary in English]. A. B. Kogan. Zhur. vys. nerv. deiat. 11 no. 4:851-859 Jl-Ag '61

Transfer of tonic conditioned reflexes from one side of the human body to the other [with summary in English]. E. P. Il'in. Zhur. vys. nerv. deiat. 11 no. 4:823-829 Jl-Ag '61.

CONDUCT, DISORDERLY see Disorderly conduct

CONDUCT OF LIFE

Bardin, S. M. [Truth, honesty and unselfishness] Pravda, chestnost', beskorystie. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 67 p.

CONDUCTIVITY, ELECTRIC see Electric conductivity

CONDUCTOMETRIC ANALYSIS

Amperometric determination of zinc using the pyridinethiocyanate method. A. T. Marunina. Zav. lab. 28 no. 1:25-26 '62.

Conductometric titration of the system H_2SO_4 - $ZnSO_4$-Na_2SO_4. M. I. Usanovich, Z. P. IAkushova. Zhur. prikl. khim. 35 no. 2:447-449 F '62.

CONFLICT OF LAWS see subdivision under Bulgaria

CONFORMAL MAPPING

Paracompact spaces and their continuous mappings. V. Ponomarev. Dokl. AN SSSR 143 no. 1:46-49 Mr '62.

CONGLOMERATE

A genetic variety of conglomerates. B. A. Sokolov. Izv. vys. uchob. zav.; geol. i razv. 5 no. 1:60-61 Ja '62.

CONGO, REPUBLIC OF THE—FOREIGN ECONOMIC RELATIONS

The inspirers of aggression against the Congo. Mezhdunar. zhizn' 9 no. 4:149-151 Ap '62.

CONGO, REPUBLIC OF THE—POLITICS AND GOVERNMENT

"Pedestal for a money box." S. Volk. Az. i Afr. seg. no. 2:18-19 F '62.

Protest meetings of Mongolian workers. Sovr. Mong. 6 no. 2:5 F '61.

Stop the hand of the criminals! Az. i Afr. seg. no. 2:3 F '62.

CONIFERAE

(see also subdivision under Vladimir Province)

Storage and germination of the pollen of some conifer species. O. T. Istratova Biul. Glav. bot. sada no. 43:53-56 '61

CONJUNCTIVA

Lacrimal secretion following stimulation of the conjunctiva of the eye and the mucosa of the oral cavity. I. A. Lapina Fiziol. zhur. 48 no. 1:72-75 Ja '62

CONJUNCTIVITIS

Acute catarrhal (infectious) conjunctivitis in chicks. V. A. Kovylina. Veterinariia 39 no. 1:46-48 Ja '62

Model of Shingella keratoconjunctivitis and its value in the bacteriological diagnosis of dysentery. M. N. Shashkhina Zdrav. Turk. 5 no. 6:8-12 N-D '61

CONJUNCTIVITIS, GRANULAR

(see also subdivision under Tashkent Province)

Adaptation and cultivation of the trachoma virus in a tissue culture [with summary in English]. I. I. Terskikh, A. IU. Bekleshova. Vop. virus. 6 no. 6:720-724 N-D '61

Prospects for the use of diblomycin in treating trachoma [with summary in English] Z. V. Ermol'eva and others Antibiotiki 6 no. 9:56-61 S '61

Treatment of pannus trachomatosus by peritrabaphy. S. Kh. Mats Zdrav. Bel. 7 no. 12:40-42 D '61

CONNECTIVE TISSUES

"Connective tissue (histophysiological essays)" by V. G. Eliseev. Reviewed by B. V. Aleshin. Arkh. anat. gist. i embr. 42 no. 2:122-126 F '62.

Histochemistry of the mucopolysaccharides and proteins of the connective tissue after experimental inhalations of tobacco smoke [with summary in English] N. G. Lupu, C. Velican. Arkh. pat. no. 2:19-27 '62

CONSCIOUSNESS

"Nature of the individual consciousness (in healthy and pathological conditions)" by A. A. Megrabiana. Reviewed by A. N. Shogam Zhur. nevr. i psikh. 61 no. 11:1741-1744 '61.

CONSERVATION OF ENERGY see Force and energy

CONSERVATION OF NATURAL RESOURCES

(see also subdivision under Moldavia)

Protect nature according to Lenin's principles. Okh. prir. Mold. no. 1:3-6 '60

CONSERVATION OF WILDLIFE see Wildlife, Conservation of

CONSERVATORIES OF MUSIC

Instructors of vocal departments speak. E. Katul'skaia and others. Sov. muz. 26 no. 2:86-91 F '62.

CONSTIPATION

Diet is the main thing, constipation in children. O. Kitaigorodskaia. Sem'ia i shkola 17 no. 2:46 F '62

CONSTRUCTION EQUIPMENT see Building machinery

CONSTRUCTION INDUSTRY

(see also subdivision under Balkhash; Baltic States; Chelyabinsk; Czechoslovakia; Dzhezkazgan; Kaluga Province; Kazakhstan; Kiev; Kommunarsk; Kostroma Province; Lugansk Province; Mongolia; Moscow; Rudnyy, Kazakhstan; Russia, Northern; Tallinn; Tula Province; Ukraine; Uzbekistan; Virgin Territory; Zaporozh'ye Province)

Builders of virgin-land state farms must be provided with high quality designs and plans. A. Bykov Nar. khoz. Kazakh. 20 no. 2:18-22 F '62.

Faster elimination of shortcomings in designing. Ekon. stroi. no. 2:48-51 F '62.

For further development of housing construction Zhil. stroi. no. 12:1 '61.

From a resolution of the 22d Congress of the CPSU on a report of the Central Committee of the CPSU. Mont. i spets. rab. v stroi. 23 no. 12:1 D '61.

Improve designing organization. V. Dobretsov. Ekon. stroi. no. 2:52-54 F '62.

Improving the supply of materials and equipment is the most important objective. A. Abramian, I. Burshtein. Ekon. stroi. no. 2:25-31 F '62.

In response to the resolutions of the 22d Congress of the CPSU. Sel'. stroi. 16 no. 12:3 D '61.

In the Ministry of Construction of the R. S. F. S. R. Mont. i spets. rab. v stroi. 23 no. 12:28-29 D '61.

In the State Committees on Construction of the Republics of the Union. Sel'. stroi. 16 no. 12:27 D '61.

Isaev, V. IA., and others. [Consolidation and specialization in the building organizations of the Main Leningrad Construction Trust; practices and economic effectiveness] Ukrepienie i spetsializatsiia stroitel'nykh organizatsii v Glavleningradstroe; opyt i ekonomicheskaia effektivnost'. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 74 p. [MICROFILM]

Kaspe, M. I. [How to determine whether a construction organization is doing good work or bad] Kak opredelit', khorosho ili plokho rabotaet stroitel'naia organizatsiia. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 51 p. (V pomoshch' ekonomicheskomu obrazovaniiu rabochikh brigadirov i masterov-stroitelei)

Kiselev, B. [Labor organization in a construction yard] Organizatsiia truda na stroitel'nom poligone. [Moskva] Mosk. rabochii, 1961. 38 p. (Stroiteli obmeniavaiutsia opytom)

Large collective farm villages are growing. Sel'. stroi. 16 no. 12:29 D '61.

Long-term credit for intercollective farm building organizations. L. M. Kramarovskii. Uchet i fin. v kolkhoz i sovkhoz. 19 no. 2:39-41 F '62

The matter of training specialists and increasing their skills requires daily attention Sel'. stroi. 16 no. 12:1-2 D '61.

Measuring regular production flow in construction and assembly work V. Uspenskii. Ekon. stroi. no. 2:37-42 F '62.

Pak, N. E. [Labor organization in a construction brigade] Organizatsiia truda v stroitel'noi brigade. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 35 p. (V pomoshch' ekonomicheskomu obrazovaniiu rabochikh, brigadirov i masterov stroitelei)

Raise the level of economic work in construction. Ekon. stroi. no. 2:3-7 F '62.

Readers' letters. Sel'. stroi. 16 no. 12:28 D '61.

Ways of developing the organizational forms of construction on collective farms B. Dobrotvorskii Ekon. stroi. no. 2:32-36 F '62

What hinders the shortening of time required for designing? A. Frenkel', N. Ivanov Ekon. stroi. no. 2:54-55 F '62

CONSTRUCTION INDUSTRY—ACCOUNTING

(see also subdivision under Kuybyshev Province, Mamakan)

The Lipetsk stepsons. I. P. Dzul'skii Uchet i fin. v kolkhoz. i sovkhoz. 19 no. 1:20-21 Ja '62

CONSTRUCTION INDUSTRY—AUDITING AND INSPECTION

Auditing expenditures for finished work in construction. M. Dalch-Dats. Bukhg. uchet 19 no. 1:52-54 Ja '62

Method of the documentary audit of construction and assembly work costs. S. Orliuk. Bukhg. uchet 19 no. 1:46-52 Ja '62.

CONSTRUCTION INDUSTRY—BIBLIOGRAPHY see Bibliography—Construction industry

CONSTRUCTION INDUSTRY—COSTS

(see also subdivision under Armenia, Kazakhstan)

New supplementary list for uniform construction prices for individual regions. Ekon. stroi. no. 2:61 F '62

Problems of price determination and financing. Ekon. stroi. no. 2:59-60 F '62

Reducing the costs of construction and assembly work is the most important task of contracting organizations. A. IUngerov. Ekon. stroi. no. 2:54-58 F '62.

Uspenskii, V. V. [Lowering costs in construction] Snizhenie sebestoimosti v stroitel'stve. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 31 p. (V pomoshch' ekonomicheskomu obrazovaniiu rabochikh, brigadirov i masterov-stroitelei)

Uspenskii, V. V. [What determines costs in construction?] Iz chego skladyvaetsia stoimost' i sebestoimost' v stroitel'stve. [Moskva] Mosk. rabochii, 1961. 33 p. (Ekonomicheskie znaniia - kazhdomu stroiteliu)

CONSTRUCTION INDUSTRY—FINANCE

(see also subdivision under Altai Territory; Karaganda Province; Kazakhstan; Kiev Province; Virgin Territory)

Abramson, L. S. [Financing of construction and the finances of contracting construction organizations] Finansirovanie stroitel'stva i finansovoe khoziaistvo podriadnykh stroitel'nykh organizatsii. Moskva, Izd-vo ekon. lit-ry, 1961. 92 p. (V pomoshch' propagandistam i slushateliam seti partiinogo prosveshcheniia)

"Determining the efficiency of individual capital investments in industrial construction" by G. I. Levin. Reviewed by M. Gurevich. Ekon. stroi. no. 2:61-64 F '62

Increase control over the financing of construction and capital repairs F. Repetii, M. Braverman. Den. i kred. 20 no. 2:78-81 F '62.

Kantorer, S. E. [Amortization and the depreciation of machinery in the construction industry] Amortizatsiia i moral'nyi iznos mashin v stroitel'stve. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1959. 90 p.

Nikiforov, I. A. [Business accounting in a contractual building organization] Khozraschetnyi raschet v podriadnoi stroitel'noi organizatsii. Moskva, Gosfinizdat, 1961. 74 p.

Procedure for compiling expenditure estimates connected with putting construction projects into operation. K. Litovchenko, D. Dudakov. Ekon. stroi. no. 2:57-58 F '62.

Storm the new frontiers of the seven-year plan! Ekon. stroi. no. 2:68-72 F '62.

CONSTRUCTION INDUSTRY—LABOR PRODUCTIVITY see subdivision under Kazakhstan

CONSTRUCTION INDUSTRY—MANAGEMENT see subdivision under Armenia

CONSTRUCTION INDUSTRY—SAFETY MEASURES
Following the experience of the best. I. Kutilin. Okhr. truda i sots. strakh. 5 no 2:10 F '62
For the attention of construction workers. I. Baranov. Okhr truda i sots. strakh. 5 no 2 32-33 F '62

CONSTRUCTION INDUSTRY—TECHNOLOGICAL INNOVATIONS
Russia (1923- U.S.S.R.) Komitet po delam izobreteniĭ i otkrytiĭ. [Collection of inventions; mechanization of construction work] Sbornik izobreteniĭ; mekhanizatsiia stroitel'nykh rabot. Moskva, TSentr. biuro tekhn. informatsii, 1961. 167 p. (Sborniki otechestvennykh izobreteniĭ)

CONSTRUCTION WORKERS
(see also subdivision under Minsk, Siberia)
[Beacons of transportation construction; a collection of sketches of communist labor brigades at transportation construction projects] Maiaki transportnogo stroitel'stva; sbornik ocherkov o brigadakh kommunisticheskogo truda na transportnykh stroikakh. Moskva, Orgtransstroi, 1961. 270 p.
Creators open the road to the future. M. Eveta. Sem'ia i shkola 17 no 2 20-23 F '62

CONSTRUCTION WORKERS—DISEASES AND HYGIENE
Clinical aspects of vibration sickness in concrete workers [with summary in English] L. N. Gratsianskaia and others. Gig. truda i prof. zab. 6 no 1,34-39 Ja '62

CONSTRUCTION WORKERS—EDUCATION AND TRAINING see subdivision under Okhta (Leningrad Province)

CONSUMPTION see Tuberculosis

CONSUMPTION (ECONOMICS)
Shnirlin, Iu. L. [Scientifically founded consumption norms] Nauchno obosnovannye normy potrebleniia. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 76 p.

CONTACT LENSES
"Substitute for spectacles," Starsh.-serzh. no. 9 35 S '61.

CONTACTORS, ELECTRIC see Electric contactors

CONTAGION AND CONTAGIOUS DISEASES see Communicable diseases

CONTAINERS
Tubular-type telescopic container. I. Allakhverdiev. Mor. flot 22 no 3 14-15 Mr '62

CONTAINERS—WELDING
Automatic welding under flux of container hulls. I. N. Egorov. Svar. proizv. no. 3,34-35 Mr '62

CONTINENTS
"The first or the fifth" by V. Maevskiĭ. Reviewed by IA. Ivanov. Vokrug sveta no 3:63 Mr '61.

CONTINUOUS CASTING
Controlling the formation of longitudinal hot cracks on the surface of continuous ingots. V. S. Rutes, N. A. Nikolaev, A. V. Leites. Stal' 22 no 2 122-124 F '62

CONTINUOUS CASTING—EQUIPMENT AND SUPPLIES
Metal level control in conveyer-type equipment for the continuous pouring of steel. G. F. Mikheev, A. N. Rogozhan. Stal' 22 no 2 126 F '62.

CONTRACEPTION see Conception—Prevention

CONTRACTS
Ramzaitsev, D. F. [Sale and purchase agreements in U. S. S. R. foreign trade] Dogovor kupli-prodazhi vo vneshneĭ torgovle SSSR. Moskva, Vneshtorgizdat, 1961. 179 p.

CONTRACTS, AGRICULTURAL
(see also subdivision under Uzbekistan)
Contracts covering agreement to deliver agricultural produce. F. Liberman. Sov. fust. no 4:16-18 F '62

CONTRAST MEDIA
Treatment of chronic highmoritis with iodolipol. IU. P. Lipson. Vest. otorin. no. 2,83-86 '62.

CONTROLLERS, ELECTRIC see Electric controllers

CONVEYING MACHINERY
(see also subdivision under Minsk)
Automatic weighing, calculating, and conveying of loose materials. G. Elistratov. Muk.-elev. prom. 27 no 12:13-17 D '61.
Belt conveyers for concreting operations. G. D. Petrov. Gidr. stroi. 32 no. 12:17-21 D '61.
Choice of a method of developing a conveyor dump and the length of the dump space. N. A. Malysheva, V. S. IAmshchikov. Gor. zhur. no 7:20-23 Jl '61.
Conveyor transportation in the Chasov Yar pits. B. V. Faddeev, G. S. Zaichenko. Gor. zhur. no. 7:42-45 Jl '61.
Expansion of conveyer transport in the open-pit mines of the German Democratic Republic. M. G. Potapov, P. V. Molchanov. Ugol' 37 no. 3:60-61 Mr '62.
Ilkno, N. P., M. E. Zyrianov, and G. A. TSirkunov. [Conveying system for the transportation of piece freight] Konveiernaia ustanovka dlia transportirovaniia shtuchnykh gruzov. Minsk, Gos. izd-vo BSSR. Red. proizvodstvennoĭ lit-ry, 1961. 52 p.
Ivanov, M. N., and M. S. Komarov. [Machine parts and hoisting and conveying machinery] Detali mashin i pod"emno-transportnye mashiny. [L'vov] Izd-vo L'vovskogo univ., 1961. 587 p.
The KSP4 scraper conveyer. V. G. Linitskiĭ. Biul. tekh.-ekon. inform. no 1:14-15 '62
Method for determining the basic parameters of accelerated conveyer-loaders for high-production belt conveyers. A. O. Spivakovskiĭ. Gor. zhur. no 11 52-55 N '61
New two-member sectional TsDK traction chain for underground scraper conveyers. I. G. Shtokman and others. Ugol' Ukr. 6 no 2,33-34 F '62
Pneumatic rollers used as driving drums in a belt conveyer. E. IA. Davidovich. Ugol' Ukr. 6 no 1 39-41 Ja '62
Principles of fiber stacking in a powered stack. A. M. Kotlin. Tekst. prom. 21 no 6:32-34 Je '61
Shot filled safety clutches of the starter for conveying unit drives. G. V. Gonskiĭ, N. F. Kirknach. Ugol' Ukr. 6 no. 2,35-36 F '62
Spitsyn, N. A., and I. I. Kapkanets. [Machine parts and hoisting and conveying machinery] Detali mashin i pod"emno-transportnye mashiny. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 331 p.
Testing the TPSh screw conveyer under working conditions. E. Zinger, I. Isleminl, IU. Golandskaia. Muk.-elev. prom. 27 no 12,23-24 D '61

CONVULSIONS
Convulsive syndrome in subarachnoid hemorrhages [with summary in English] A. S. Kuznetsova. Sov. med. 25 no. 12,30-34 D '61

COOKERY
Advice to the cook. Obshchestv. pit. no. 11 24-26 N '61
[Book on tasty and healthy food] Kniga o vkusnoĭ i zdorovoĭ pishche. Moskva, Pishchepromizdat, 1961. 423 p.
Cookery. Rab. i stial. 38 no. 3,23 Mr '62.
Dishes of various countries. T. Tatarinova. Obshchestv. pit. no 11 29-30 N '61
For home cooking. Obshchestv. pit. no 11 62-63 N '61
From a culinary expert's notebook. I. Ivanova. Obshchestv. pit. no 11:26 N '61.
It tastes good. Rab. i stial. 37 no. 7:23-24 Jl '61.
Join us at the table! Rab. i stial. 37 no. 12:23-24 D '61.
Letters to the editor. Obshchestv. pit. no. 11:16-17 N '61

COOKERY (CORN) see Cookery (Maize)

COOKERY (MAIZE)
Diet dishes from corn. IA. Poliachek. Obshchestv. pit. no 11 27-29 N '61.

COOKERY (PORK)
Voltinskaia, S. E., and K. G. Duntsova. [Pork dishes] Bliuda iz svininy. Moskva, Gos. izd-vo torg. lit-ry, 1961. 95 p.

COOKERY FOR THE SICK
Diet dishes from corn. IA. Poliachek. Obshchestv. pit. no. 11 27-29 N '61.

COOLING
Hartnett, J. P., and Gazley, Carl. [Generalized representation of cooling by means of mass transport into the laminar boundary layer of a plate; Conference on Heat and Mass Transfer, Minsk, January 23-27, 1961] Obobshchennoe predstavlenie metodov okhlazhdeniia putem podvoda massy v laminarnyi pogranichnyi sloi plastiny; soveshchanie po teplo-i massoobmenu, g. Minsk, 23-27 ianvaria 1961 g. [Minsk, 1961] 18 p. [MICROFILM]
Some characteristics of cooling in a water-air mixture in induction hardening. IA. I. Spektor, A. P. Gracheva. Metalloved. i term. obr. met. no. 3:39-44 Mr '62.

COOPERATION, MEDICAL see Medical cooperation

COOPERATIVE AGRICULTURE see Agriculture, Cooperative

COOPERATIVE CATALOGING see Cataloging, Cooperative

COOPERATIVE EDUCATION see Education, Cooperative

COOPERATIVE SOCIETIES
(see also subdivision under Burma; Chkalovsk District, Kokchetav Province; Great Britain; Gur'yev Province; Ilyskiy District; Karabulak; Katon-Karagay District; Kazakhstan; Kirovskiy District, South Kazakhstan Province; Kustanay District, Kustanay Province; Narynkol District; North Kazakhstan Province; Rozhdestvenka, Kazakhstan; Sverdlovskiy District, Dzhambul Province; United States; Virgin Territory)
Cooperative societies in the development of communism. B. Dratver. Sov. potreb. koop. 6 no. 2:61-62 F '62.
Discussing the statute of cooperative societies. V. Letavin and others. Sov. potreb. koop. 6 no 2:15-17 F '62.
Editor's mail. I. Kolesnikova and others. Sov. potreb. koop. 6 no. 2:48-49 F '62.
Increasing the material prosperity of workers and the role of cooperative societies in the period of the large-scale building of communism. V. Basin, N. Edygenov. Koop. Kazakh. 4 no. 11 40-45 N '61.
Let's raise the work of cooperative societies to the level of new tasks. Sov. potreb. koop. 6 no 2:3-11 F '62.
Marketing expenses in cooperative societies. S. Suleimanov. Koop. Kazakh. 4 no. 12:36-41 D '61

COOPERATIVE SOCIETIES—PERIODICALS
International Cooperative Alliance and its periodical. A. Gavrilov. Sov. potreb. koop. 6 no 2:50-52 F '62.

COOPERATIVE SOCIETIES—STATISTICS see subdivision under Kazakhstan

COORDINATION COMPOUNDS—SPECTRA
Electron paramagnetic resonance phenomena in polymers with coordination linkages. N. K. Bel'skiĭ, V. N. TSikunov. Dokl. AN SSSR 142 no. 2 360-362 Ja '62

COPEPODA see subdivision under Pacific Ocean

COPERNICUS, NICOLAUS, 1473-1543
"Teachings of Copernicus and religion" by G. A. Gurev. Reviewed by A. Igilitskiĭ. Sem'ia i shkola 17 no 2 12 F '62.

COPPER
Increase in width in the process of copper flattening. L. S. Vatrushin. Izv. vys. uchab. zav., tsvet. met. 5 no. 1 142-149 '62.
Laboratory study of the methods of preparing phosphorus copper by treating solid and molten copper with gaseous phosphorus. V. M. Bazilevskiĭ, A. A. Voskresenskiĭ. Trudy Giprotsvetmetobrabotka no 20 287-301 '61
Mobility of Sb, Fe, Co in solid copper. P. P. Kuz'menko, L. F. Ostrovskiĭ, V. S. Koval'chuk. Fiz. tver. tela 1 no 2:490-493 F '62.
Solidification point of copper. B. K. Bragin. Izm. tekh. no. 3:29-30 Mr '62
Use of disk electrode with a ring in studying the electroreduction of copper. L. N. Nekrasov, N. P. Berezina. Dokl. AN SSSR 142 no 4 855-858 F '62.

COPPER—ANALYSIS
Investigating the catalytic effect of copper on the reduction of molybdenum by rhodanide [with summary in English]. B. IE. Reznik, N. A. Bidniak. Dop. AN URSR no. 2:216-218 '62.
Photographic chemiluminescence method for the determination of micro quantities of copper and hydrogen peroxide [with summary in English]. A. K. Babko, N. M. Lukovskaia. Zhur. anal. khim. 17 no. 1:50-52 Ja-F '62.

COPPER—COLD WORKING
Cold working copper by the nuclear magnetic resonance method. V. S. Pavlovskaia, IU. S. Stark. Fiz. tver. tela 4 no 1:285-288 Ja '62

COPPER—CORROSION
Mechanism of copper oxidation at high temperatures. D. I. Lainer, F. I. Krupnikova-Perlina. Trudy Giprotsvetmetobrabotka no. 20 20-27 '61.

COPPER—ELECTRIC PROPERTIES
Determining the microcharacteristics of copper from its optical constants in the infrared spectral region and its conductivity at 82° and 295°K. V. G. Padalka, I. N. Shkliarevskiĭ. Opt. i spektr. 12 no 2:291-297 F '62

COPPER—ISOTOPES
Cross sections of the capture of 0.6 Mev. protons by Cu^{63} and Cu^{65} nuclei. S. S. Vasil'ev, E. A. Romanovskiĭ, G. I. Timushev. Vest. Mosk. un. Ser. 3:Fiz., astron. 17 no. 1:94-95 Ja-F '62.

COPPER—METALLOGRAPHY
Copper deformation textures produced by rolling. D. I. Lainer, E. I. Krupnikova-Perlina. Trudy Giprotsvetmetobrabotka no. 20,159-166 '61.

COPPER—METALLURGY
Copper and silvery recovery by the segregation method [from foreign journals] A. Pen'ko. TSvet. met. 35 no. 2:91-93 F '62.

COPPER—OPTICAL PROPERTIES
Determining the microcharacteristics of copper from its optical constants in the infrared spectral region and its conductivity at 82° and 295°K. V. G. Padalka, I. N. Shkliarevskiĭ. Opt. i spektr. 12 no. 2:291-297 F '62.

COPPER—SPECTRA
Effect of sodium and zinc on the relative intensity of the analytical pairs of lines of tin and copper in the arc [with summary in English]. G. V. Ovechkin. Zhur. anal. khim. 17 no. 1:31-36 Ja-F '62.

COPPER ALLOYS—METALLURGY
Modification of low-forgeability BrOF7-0.2 and BrOTSd-3 bronze by the addition of zirconium, titanium and boron. D. I. Lainer, I. M. Nikol'skaia. Trudy Giprotsvetmetobrabotka no.20 148-158 '61

COPPER-ALUMINUM ALLOYS

Anomalous scattering of X rays by a crystal of a supersaturated solid solution of copper in aluminum (AlCu) G. V. Kleshchev, M M Vasilevskaia Dokl AN SSSR 143 no 1:87-89 Mr '62

COPPER-ALUMINUM-MAGNESIUM ALLOYS

Angular distribution of secondary electrons for an effective emitter of MgO based on a CuAlMg alloy. V A. Alekseev, V. L. Borisov. Fiz tver. tela 4 no 1:265-271 Ja '62.

COPPER-BERYLLIUM ALLOYS—METALLURGY

Orientation of phases separating during aging of the alloys nickel-beryllium and copper-beryllium IU A Bagariatskii, N T Travina Kristallografiia 7 no 1 126-131 Ja-F '62

COPPER INDUSTRY see subdivision under Balkhash

COPPER INDUSTRY—BY-PRODUCTS see subdivision under Canada

COPPER-LITHIUM-ALUMINUM ALLOYS see Aluminum-copper-lithium alloys

COPPER MINES AND MINING see subdivision under Dzhezkazgan; Dzhezkazgan District

COPPER OXIDE CRYSTALS—SPECTRA

New exciton series of lines in the blue and dark-blue spectral regions in copper oxide crystals E. F. Gross, Chzhan Guan-in' [Chang Kuang-yin]. Fiz tver tela 4 no. 1 261-264 Ja '62.

COPPER OXIDE CRYSTALS—THERMAL PROPERTIES

Heat conductivity of copper oxide monocrystals and polycrystals. A. I. Andrievskii, E. N. Dimarova, M. M. Pidoria. Fiz. tver. tela 4 no 1:163-167 Ja '62

COPPER-ZINC ALLOYS

Anode diffusion of copper-zinc alloys in sulfuric acid with a varying percentage relationship of the alpha and beta crystals. S. S. Gastev. Nauch trudy MPI no 12: 228-230 '60.

Kinetics of the diffusion of copper-zinc alloys in solutions of sulfuric acid with the superposition of an external electric field. S. S. Gastev. Nauch. trudy MPI no. 12: 195-228 '60.

COPPER-ZINC ALLOYS—SPECTRA

Effect of the polarity of arc discharge on the supply of the copper-zinc alloy into the gas discharge cloud L. I. Kiselevskii. Dokl. AN BSSR 6 no 2:86-89 F '62

COPYRIGHT

"Copyright royalties" by A. Vaksberg. Reviewed by L. Azov. Sov iust. no. 3:23 F '62.

CORALS, FOSSIL

(see also subdivision under Kazakhstan)

Similarity and dissimilarity of coral fauna in the upper Permian and lower Triassic of Dzhul'fa. T. G. Il'ina. Biul. MOIP. Otd. geol. 37 no. 1:155-156 Ja-F '62

CORE DRILLING

Drilling slim test holes with coring. IA. M. Khabibullin. Neftianik 7 no. 2 6-8 F '62

Effect of some factors on the size and condition of the recovered core. B. D. Panov, V. G. Bakulin Neft khoz. 40 no. 1:21-26 Ja '62.

COREMAKING

Lipnitskii, A. M. [Coremaking in foundry practice] Izgotovlenie sterzhnei v liteinom proizvodstve. [Leningrad] Lenizdat, 1961. 170 p. (V pomoshch' molodym rabochim)

New design of automatic core loaders and unloaders for vertical driers. G. Z. Lipovetskii, I. N. Karch Lit. proizv. no. 2:20 F '62.

CORES (ELECTRICITY)

Concerning the choice of permanent magnet materials for magnetic systems. S. T. Usatenko. Sbor. trud Inst. elektrotekh. AN URSR no. 18:45-52 '61.

Electromagnetic field and the input resistance of a turn with an infinitely long cylindrical ferrite core located in a conductive medium. P. P. Pavlov Radiotekh. i elektron. 7 no. 3:437-447 Mr '62.

Memory device for a controlling machine. F. N. Zikov, Zbir. prats' z obchys. mat. i tekh. 3:104-110 '61.

CORES (ELECTRICITY)—MEASUREMENT

Use of Ouen's bridge for measuring magnetic characteristics at increased frequencies. V. P. Karpenko. Sbor. trud. Inst. elektrotekh. AN URSR no. 18:16-26 '61.

CORN (MAIZE)

(see also subdivision under Alma-Ata Province; Khoyniki District; Kotovsk District; Mirgorod District; Mirgorod region; Pavlodar Province; Ukraine)

Corn is a valuable foodstuff. M. Soboleva. Sov. potreb. koop. 6 no. 2:58-60 F '62.

Embryology of corn. S. N. Korobova. Trudy Bot. Inst. Ser. 7 no. 5:204-314 '62.

Give careful attention to corn. G. Zamiatin. Sel'. mekh. no. 12:11-12 '61.

Labor productivity in the cultivation of corn should be increased. A. Buianov. Tekh. v sel'khoz. 22 no. 1: 4-7 Ja '62.

Let's discuss "trivial" problems. I. Stetkin. Sel'. mekh no 2 8 '62

Pneumatic transportation of corn cobs. N. Shurovskii. Muk.-elev prom. 27 no. 12,13 D '61

Seed in armor. V. Polynin. Ogonek 40 no. 8.3, 26-29 F '62

Treatment of corn seeds with new growth promoting substances before planting V S Pavlov Zemledelie 24 no 1 69-71 Ja '62

Unloading of corn. I Bykov. Sel'. mekh no. 2:32-33 '62.

Use of high-speed machinery in harvesting grain and corn. Sel' mekh no 2 18-21 '62

CORN (MAIZE)—VARIETIES

Kuleshov, N. N., ed. [Corn kernel varieties] Zernovi kolosovi kul'tury. Kyiv, Derzh. vyd-vo sil's'kohospodars'koi lit-ry URSR, 1959. 413 p. (Biblioteka kolhospnoho ahronoma) (DA)

CORNEA—DISEASES

Treatment of pannus trachomatosus by peritrephy. S Kh. Mats Zdrav Bel. 7 no. 12:40-42 D '61

CORNEA—SYPHILIS

Problems in the pathogenesis, clinical aspects and treatment of parenchymatous keratitis in late congenital syphilis and primary (tabetic) atrophy of the optic nerves. G. V. Robustov. Vest. derm i ven no 2 57-61 '62

CORONA (ELECTRICITY)

Measuring electric field strength of a corona discharge. F. IA. Izakov Izm tekh no 2:40-43 F '62

CORONARY HEART DISEASE

Effect of diseases of the liver and bile ducts on the coronary circulation. I. M. Gandzha. Vrach. delo no. 1:54-59 Ja '62.

Importance of determining transaminase in patients with chronic acute and coronary insufficiency [with summary in English]. S Kh Sidorovich, I. N. Zaludina Terap. arkh. no 9:35-39 '61

Paroxysmal form of cardiac fibrillation in patients with atherosclerotic cardiosclerosis [with summary in English] Z. M. Volynskii, V. S. Solov'ev. Terap. arkh no. 7:10-16 '61.

Vascular reactions in coronary insufficiency. B. I. Truse vich, A. P. Kirilluk. Zdrav. Bel. 7 no 8:8-11 Ag '61.

CORONARY VESSELS—SURGERY

Restoration of the patency of the coronary arteries by means of endarterectomy (review of foreign literature) I. S. Zingerman Grud. khir. no. 5:123-127 '61.

CORPULENCE

Obesity. K. Prostiakov. Obshchestv. pit. no. 11:50-52 N '61.

CORRESPONDENCE SCHOOLS AND COURSES

(see also subdivision under Moscow)

Correspondence departments in schools. Nar. obr. no. 3,120 Mr '62.

CORROSION, ELECTROLYTIC see Electrolytic corrosion

CORROSION AND ANTICORROSIVES

Corrosion of equipment caused by circulating water. N M. Dankova. Koks i khim. no. 1,56-58 '62.

An efficient system of cathode protection of underground pipes [with summary in English, p. 73]. B. V Spektor. Vienyk ABIA URSR no. 4:45-48 '61.

Intercrystalline breakdown of metal of low-power steam boilers. T. N. Borisov. Bezop. truda v prom. 6 no. 2:17-18 F '62

Kolovatova, V. S., comp. [Protection of metal corrosion] Zashchita metallov ot korrozii; predpriiatii Permskogo sovnarkhoza. Perm skoe knizhnoe izd-vo, 1961. 66 p.

Results of studying the salt form of physical corrosion of building materials A. I. Minas. Trudy Kazakh. fil. AS1A no. 2 84-104 '60.

Thermogalvanic corrosion of metals. A. IA. Shatalov, I. K. Marshakov, S. A Kaluzhina Dokl. AN SSSR 142 no. 6:1339-1341 F '62.

Ultrasonic method for the detection of intercrystalline corrosion. N. V. Khimchenko, V. N. Prikhod'ko. Zav. lab. 28 no. 1:68-70 '62.

Welding and the corrosion resistance of steel-copper, steel-bronze, and steel-brass bimetals. A. N. Krutikov, T. V. Arost, M. M. Kristal' Svar. proizv. no 2:15-17 F '62.

CORTICOSTEROIDS

Heterocyclic analogs of corticosteroids. Report No. 1. Syntheses based on 1, 2-dimethyl-4-oxo-decahydroquinoline. A. A. Akhrem, L. I. Ukhova, N. F. Uskova. Izv. AN SSSR. Otd khim. nauk no. 2:304-309 F '62.

CORTICOSTERONE

Change in the blood formula in patients who have undergone surgical intervention on the organs of the chest cavity in combination with cortisone and hydrocortisone therapy [with summary in English]. V. A. Kovanev, IU. S. Ezhov. Grud. khir. 4 no. 1:98-105 Ja-F '62.

CORTISONE

Case of posttransfusion complications caused by Rh-incompatible blood and its effective treatment with cortisone V M. Znitsev, B G. Sadykov Kaz. med. zhur no 4:80-81 Jl-Ag '61.

Change in the blood formula in patients who have undergone surgical intervention on the organs of the chest cavity in combination with cortisone and hydrocortisone therapy [with summary in English] V. A. Kovanev, IU. S. Ezhov Grud khir 4 no 1,98-105 Ja-F '62

Cortisone therapy as a method for the differential diagnosis of jaundices of varied etiology. B M. Erusalimskii Vrach. delo no 1:59-61 Ja '62.

Influence of cortisone administered in doses depressing the reticuloendothelial system on the course of vaccinal process and intensity of immunity in brucellosis [with summary in English] P A Vershilova, N. A. Grekova. Zhur. mikrobiol., epid i immun 32 no. 9:87-92 S '61

Prospects for cortisone therapy in surgery. V. IA. Braitsev Khirurgiia no. 2 66-70 '62

Two cases of treating herpetic keratitis by instilling cortisone into the eye. S IU. Dadydov Med zhur Uzb no 9:62 S '61.

CORUNDUM CRYSTALS—SPECTRA

Absorption spectra of immersion preparations of artificial corundum R L Pevzner. Kristallografiia 7 no 1 140-142 Ja-F '62.

CORNEYBACTERIUM DIPHTHERIAE

Determining the toxigenicity of diphtheria bacteria by the diffusion method in mixed and pure cultures. Kh M Damkas, S B. Patrikeevich, N Eshtiiazova. Med zhur Uzb. no. 3 69-71 Mr '60

Determining the toxigenicity of diphtherial bacteria on dense culture media in mixed and pure cultures N. K. Golubeva Med. zhur Uzb. no 9:54-56 S '61.

Staining the granules of Corynebacterium diphtheriae G A Nikulina, O K. Filippova, V. D. Shtiben. Lab delo 8 no 2 42-43 F '62

COSALITE see subdivision under Yugodzyr', Mount

COSMIC PHYSICS

Kaplan, S. A. [Physics of stars] Fizika zvezd. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 151 p.

Science enters space T R Kaizer. Mir nauki 5 no 4: 9-15 '61

Ultradense state of matter in the universe. G S Saakian. Izv. AN Arm. SSR. Ser. fiz.-mat. nauk 15 no. 1:123-134 '62.

COSMIC RAYS

Angular and spatial distribution of particles in the radiation belt. E. V Gorchakov, M V Ternovskaia Geomag. i aer. 1 no. 6 897-901 N-D '61

"Cosmic ray variations and solar corpuscular streams", IGY series, no 2 Reviewed by E S Glokova Geomag i aer. 1 no. 6 1020-1021 N-D '61

"Cosmic rays"; IGY series, no. 3. Reviewed by N. S. Kuminer Geomag i aer 1 no 6 1021-1023 N-D '61

Criticism of hypotheses on the metagalactic origin of cosmic rays [with summary in English]. V. A. Razin. Astron. zhur. 39 no. 1:29-34 Ja-F '62.

Detection of soft corpuscular radiation near the equator at the altitude of 320 kilometers I. A. Savenko, P. I. Shavrin, N. F. Pisarenko Geomag i aer I no 6 875-879 N-D '61.

Electrostatic analyzer with a high aperture ratio receiving particles from the hemisphere. B.I Savin. Geomag i aer 1 no 6 995-998 N-D '61

Magnetic fie
interpretat
summary
107
Nev
Z

Polarization of high-energy μ-mesons in cosmic rays [with summary in English]. V. S. Berezinskii. Zhur eksp. i teor. fiz. 42 no. 2:485-488 F '62.

Radiation measurements in the outer radiation belt during the rocket flight toward Venus on Feb 12, 1961. S. N. Vernov and others Geomag i aer. 1 no. 6.872-874 N-D '61.

Recording of radiation during the flights of Soviet artificial satellites and cosmic rockets. P. V. Vakulov and others. Geomag i aer 1 no. 6 880-887 N-D '61.

Small cosmic-ray flares during magnetically quiet and disturbed days connected with type II and III solar radiobursts L. I. Dorman, E. V. Kolomeets. Geomag. i aer. 1 no 6:1015-1016 N-D '61

Solar component of cosmic rays. A summary by G. M. Minasian. Geomag i aer. 1 no. 6:1206-1207 N-D '61.

Space flights and the danger of radiation. I. A. Savenko, N. F. Pisarenko, P. I. Shavrin. Priroda 51 no 2:40-48 F '62.

The theory of Coulomb scattering of fast electrons in the earth's outer radiation belt. B. A. Tverskoi. Geomag. i aer. 1 no. 6:902-910 N-D '61.

Use of electrostatic analyzers in studying the soft charged component of cosmic radiation V. V. Mel'nikov, I. A. Savenko, B. I. Savin. Geomag. i aer. 1 no. 6 981-994 N-D '61

COSMIC RAYS (Continued)
Variability of the coefficients of the relation between primary and secondary components of cosmic rays IA L. Blokh, N. S Kaminer. Geomag i aer 1 no 6 917-920 N-D '61
Variations in the intensity of cosmic rays and the solar wind N. S Kaminer Geomag i aer 1 no 6 911-916 N-D '61

COSMIC RAYS—CONGRESSES
"Terrestrial storms" and geophysical aspects of the study of cosmic rays V. A. Troitskaia. Vest. AN SSSR 32 no. 3,51-55 Mr '62

COSMOLOGY
Philosophical nature of the cosmological problem. A. I Pogorelyi. Nauch dokl. vys shkoly, filos nauki 5 no 1: 88-94 '62.

COSSACKS
Solodukhin, Gavrill. [Life and fate of a Cossack] Zhizn' i sud'ba odnogo kazaka. New York [All-Slavic Publishing House, Inc] 1962. 213 p.

COST
TSaritsina, G. A. [Business accounting and profit. Value and costs] Khozialstvennyi raschet i rentabel'nost'. Stoimost' i sebestoimost'. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 67 p.

COST ACCOUNTING
Standard method of production accounting. I. Starichkov. Bukhg. uchet 19 no 2:13-17 F '62.

COST AND STANDARD OF LIVING
(see also subdivision under Rumania; White Russia)
Everything for man. S. Glebov Part. zhizn' Kazakh 32 no. 2,50-55 F '62
Everything for man and his welfare. Nar. khoz. Uzb. 4 no. 2,55-62 F '62.
Seasonal consumption of foodstuffs by the families of collective farmers A. Sidilarenko, V. Shvyrkov Sov potreb. koop. 6 no. 2,45-47 F '62.
V. I. Lenin on the effect of the First World War on the pauperization of workers. M A. Moiseiev Pratsi Od. un. 150. Ser. susp. nauk no. 3:258-269 '60
V. I. Lenin on the ways to improve the Soviet standard of living. I. M. Shutov. Pratsi Od. un. 150. Ser. susp nauk no. 3:112-123 '60.

COSTS, INDUSTRIAL
(see also subdivision under Armenia)
Determine production costs correctly. E Glikman and others. Ekon Sov. Ukr. no. 3 118-120 My-Je '61.

COSTS, INDUSTRIAL—CONGRESSES
Conference on the problems of the statistical study of costs. A. Samoilova, A Shifman Vest stat no. 3. 82-87 '62

COSTUME, MAORI
The new collections of the Department of Australia and Oceania of the Museum of Anthropology and Ethnography of the Academy of Sciences of the U. S. S. R. L. G. Rozina. Krat. soob. Inst. etn. no. 36:69-74 '62.

COTTAGE INDUSTRIES see subdivision under Ukraine

COTTON
New defoliants. N. Syrova. Nar. khoz. Uzb. 4 no. 2: 75-76 F '62.
Photosynthetic characteristics of cotton. I. L. Zakhar'iants, L. Kh. Naaber. Uzb. biol zhur. no. 6:32-36 '61
Provide the hydrolysis industry with cheap raw material. Kh. Usmanov, V. Minina. Nar. khoz. Uzb. 4 no. 2: 73-75 F '62.

COTTON—DISEASES AND PESTS
Problems of controlling the mallow moth (Gelechia malvella Hübn.). A. E. Rodd, N. L. Ivanskii, Z. M. Agaeva. Trudy AzSTAZRa 1:36-53 '60.

- subdivision under United States

ID MANURES
er Azerbaijan)
nd methods for applying phosas of tagged atoms. F. I. h. - issl. rab. UzNIIME no 1:

ION
transportation of cotton. D. Sil-. 3:46 Mr '62.

EMENTS
tion varieties differing in the I. N. Nazirov. Uzb. biol. zhur.

G
surface of the saws of cylindriival of raw cotton. B. V. Logiab. UzNIIME no. 1:159-161 '59.

ier Kara-Kalpak A.S.S.R.; nic region; South Kazakhstan

culture. Kh. Tursunkulov. 28 Ja '62.

Methods for studying the surface of cotton inter rows. D. M. Shpoliianskii. Sbor. nauch. -issl rab UzNIIME no 1:135-146 '59.
Scarifying inter rows of cotton seedlings. V. A. Sergienko. Sbor nauch. -issl rab UzNIIME no 1:93-109 '59
Tolerable approach of a tractor supporting frame to the rows of cotton plants E. F Dvortsov Sbor. nauch. - issl. rab. UzNIIME no 1:110-124 '59

COTTON GROWING—HYGIENIC ASPECTS
Prevention of pyodermitis in cotton workers [in Azerbaijani with summary in Russian]. D G. Agakishiev Azerb. med. zhur., no. 8:56-61 Ag '61.

COTTON INDUSTRY—FIRES AND FIRE PREVENTION
see subdivision under Artashat

COTTON MACHINERY
Investigating cast iron - steel and steel - steel friction pairs in cultivators and cotton planters V. D. Avagimov. Sbor nauch. -issl rab UzNIIME no 1:251-267 '59.
Testing the efficiency of new cotton machinery; work of the Uzbekistan Scientific Research Institute of Mechanization and Electrification on the Stalin Collective Farm in Oktyabr District, Tashkent Province. M. M. Mirkasimov, R. I. Khabibi, L. A. Porton. Sbor nauch -issl. rab. UzNIIME no. 1:235-250 '59

COTTON MANUFACTURE see subdivision under Moscow

COTTON MANUFACTURE—EQUIPMENT AND SUPPLIES
Il'ichev, V. F., and N. T. Kazmin. [Redesigning of weaving equipment for the cotton industry] Modernizatsiia tkatskogo oborudovaniia v khlopchatobumazhnoi promyshlennosti. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1961. 116 p.
Samoilov, V. P. [Heat-consuming systems in the cotton industry] Teplotsepol'zuiushchie ustanovki khlopchatobumazhnoi promyshlennosti. Dopushcheno 20/V 1959 g. Ministerstvom vysshego obrazovaniia SSSR v kachestve uchebnogo posobiia spetsial'nosti "Promyshlennaia teploenergetika" vuzov tekstil'noi promyshlennosti. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1961. 283 p.

COTTON MANUFACTURE—LABOR PRODUCTIVITY
"Labor productivity and required labor input for the manufacturing of articles in the cotton industry" by T. B. Poliak. Reviewed by D A. Shvartsman. Tekst. prom 21 no 12:80-83 D '61

COTTON MANUFACTURE—TECHNOLOGICAL INNOVATIONS see subdivision under Chimkent

COTTON-PICKING MACHINERY
(see also subdivision under Uzbekistan)
Investigating the pressure in the controlling mechanism of the spindle drums in the SKhS-1, 2 cotton pickers. N. M. Mikhailovskii. Sbor. nauch. -issl rab. UzNIIME no. 1,268-275 '59.
Main results of investigating rollers of cotton harvesting machinery used for picking late ripening bolls. M. S. Ganiev. Sbor. nauch -issl. rab. UzNIIME no. 1:147-168 '59.
Selecting the shape of a cotton bush guiding device for the picking apparatus of cotton harvesting machinery. D. M. Shpoliianskii. Sbor. nauch. -issl. rab. UzNIIME no. 1:125-134 '59.

COTTON SPINNING
New methods of cotton spinning with the use of a twisted sliver. V. I. Budnikov, V. V. Zhokhovskii. Tekst. prom. 21 no. 6:15-21 Je '61.

COTTON WILT
Effect of the water balance of soil and plant on the susceptibility of cotton to wilt. A. D. Avetisian, M. S Smbatian. Izv. AN Arm. SSR. Biol. nauki 15 no. 1:59-68 Ja '62.

COTTONSEED
Changes of pH and Eh in cotton seeds soaked in water. M. Kh. Ibragimov. Uzb. biol. zhur. no. 6:26-31 '61.
Comprehensive processing of cottonseed. M. Mandzhukov. Nar. khoz. Uzb. 4 no. 2:76-77 F '62.

COTTONSEED OIL
Effect of the hydrogenation conditions on physical properties of the hydrogenated fat from cottonseed oil. G. I. Kolesnikov, G. D. Minakova. Izv. vys. ucheb. zav., pishch. tekh. no. 6,44-48 '61.

COUMARIN
δ-Lactones and δ-lactams. Part 28. Dehydrobromination of dibromides of isomeric benzotetrahydrocoumarins. N. P. Shusherina, N. D. Dmitrieva, R IA. Levina. Zhur. ob. khim. 32 no. 1:213-216 Ja '62.

COUNTERGLOW—SPECTRA
Absolute spectrophotometry of the continuous spectrum of the counterglow [with summary in English]. L. M. Gindilis. Astron. zhur. 39 no. 1:93-106 Ja-F '62.

COUNTERPOINT
Kopytman, M. R. [On polyphony] O polifonii. Moskva, Sovetskii kompozitor, 1961. 66 p. (V pomoshch' rukovoditeliam khudozhestvennoi samodeiatel'nosti i prepodavateliam muzyki v obshcheobrazovatel'nykh shkolakh)

COUNTING DEVICES
Use of a proportional counter for X-ray diffraction analyses. D. M. Kheiker and others Izv. AN SSSR, Ser fiz. 26 no 3,388-394 Mr '62.

COURLAND LAGOON—BREAM
Results of tagging bream and pike perch in the Courland Lagoon. A S. Noskov. Trudy BaltNIRO no. 7 141-146 '61.

COURLAND LAGOON—PERCH
Results of tagging bream and pike perch in the Courland Lagoon A. S. Noskov. Trudy BaltNIRO no. 7:141-146 '61

COURLAND LAGOON—ZOOPLANKTON
Zooplankton and its dynamics in the Courland Lagoon. E. D. Revus'. Trudy BaltNIRO no 7:125-140 '61.

COURT RECORDS
How to record a court session. S. TSap. Rad. pravo no. 1:130-131 Ja-F '62.

COURTS
(see also subdivision under China; Irkutsk Province)
Councils of people's assessors are the efficient helpers of Soviet courts K. Sadchikov. Sov just. no. 2:10 Ja '62
How to organize the work of district people's courts. H. Chvanov. Rad. pravo no. 1:124-126 Ja-F '62
In search for the better forms of work organization in district courts. S. Solov'ev, E. Malinina Sov. just. no. 2:20-21 Ja '62

COWS
Detecting the arteries and veins of the mammary gland in the embryos of cows. V. P. Chumakov. Veterinariia 39 no. 1:81 Ja '62.

CRACKING PROCESS
(see also subdivision under Kherson; United States)
Catalytic reforming of naphthenic hydrocarbons of gasoline fractions into aromatic hydrocarbons on a catalyst with 0, 1-0, 3% of nickel. IA. M Paushkin, T. P. Vishniakova, V. G. Chernukhina. Izv. vys. ucheb. zav., neft' i gaz 4 no 5,69-73 '61.
Catalytic reforming of stocks with different sulfur content. N. R. Bursian, G. N. Maslianskii. Khim. i tekh. topl i masel 7 no. 3:10-12 Mr '62.
Mechanism of the process of electrocracking of liquid products. A. D. Kokurin, V. D. Obrezkov. Zhur. prikl khim. 35 no. 2:458-461 F '62.
Using centrifugal pumps for pumping cracking residues. A. IA Zavoiotnyi. Neftianik 7 no. 1:12 Ja '62.

CRANBERRY TREE
Study of some details in the process of extraction from Viburnum bark [with summary in English] N. M. Broznieva. Apt. delo 10 no. 6:24-27 N-D '61.

CRANES, DERRICKS, ETC.
(see also subdivision under Armenia)
Construction of cranes based on truck mounted towers for the installation of electric poles. G. S. Nesterenko, G. M. Tokarevich. Energetik 10 no. 3:26-27 Mr '62.
A crane with a platform for assembling the steel plates lining reinforced concrete silos N. I Bogdanov, P A Tarushkin. Mont. i spets. rab. v stroi. 23 no. 12,22-23 D '61.
Effect of combining machine operations on the efficiency of the tower crane. A. L. Volovel'skii. Izv. vys. ucheb zav. ;stroi. i arkhit. 4 no. 6:116-120 '61.
Light monorail crane. V. Papazov. Stroi. i arkhit. 9 no. 12:26 D '61.
New design for the double ball-bearing and rotating devices of cranes. V. I. Berezovskii, K. E. Nikul'shin Mont. i spets. rab. v stroi. 23 no. 12:20 D '61.
Potentials for lowering the operating cost of tower cranes. V. V. Pushkarev, V. F. Chushnikov. Izv. vys. ucheb. zav. ;stroi. i arkhit. 4 no. 6:155-161 '61.
Russia (1917- R. S. F. S. R.) Glavnoe upravlenie po montazhu tekhnologicheskogo oborudovaniia i proizvodstva montazhnykh rabot. [Operation of motor cranes] Rabota na avtomobil'nykh kranakh. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 159 p.
Russia (1917- R. S. F. S. R.) Gosudarstvennyi komitet po nadzoru za bezopasnym vedeniem rabot v promyshlennosti i gornomu nadzoru. [Standard instructions for persons responsible for the working order and safe running of cranes] Tipovaia instruktsiia dlia lits, otvetstvennykh zaispravnoe sostoianie i bezopasnoe delstvie gruzopod"emnykh kranov. 2. izd. [Moskva] Gosgortekhizdat, 1961. 14 p.
Ways of improving the utilization of assembly cranes. P. E. Mandrik. Mont. i spets. rab. v stroi. 23 no. 12: 18-19 D '61.

CRANES, DERRICKS, ETC.—SAFETY APPLIANCES

Blocking mechanism of control gear levers of the K-51 motor crane. A. I. Kodvin. Bezop. truda v prom. 6 no. 2:16-17 F '62.

Locking motor-crane jib control. Avt. transp. 40 no. 2: 51-52 F '62.

CRANES, DERRICKS, ETC.—SAFETY MEASURES

Causes for the breakdown of the reloading crane. P. I. Rybak, A. I. Kraikit, I. M. Chistiakov. Bez. truda v prom. 6 no. 1:12-13 Ja '62.

Improve the organization of the operation of jib cranes. I. P. Kirillov, K. S. Korel'skii. Bez. truda v prom. 6 no. 1:13-14 Ja '62.

zatsepshchikov), obsluzhivaiushchikh gruzopod"emnye krany. 2 izd. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 17 p.

CRANIOLOGY

(see also subdivision under Altai Mountains; Kama Valley, Kazakhstan, Kostenki region, Moldavia; Sayan Mountains; Transbaikalia; Ust'-Bukon'; Zaporozh'ye region)

Asymmetry in the skull structure of man and certain mammals the lower jaw. B. A. Nikitiuk. Vop. antr. no. 3:29-47 '61.

Craniology of the Karagansen. V. P. Alekseev. Vop. antr. no. 5:122-132 '60.

"Hominisation of the skull" [in French] by A. Dolaitre and R. Fenart. Reviewed by V. V. Bunak. Vop. antr. no. 7:148-150 '61.

"Human skull and the stages in its formation in fossil man and contemporary races" by V. V. Bunak. Reviewed by V. V. Ginzburg. Vop. antr. no. 5:144-150 '60.

Quantitative characteristics of the variability of the frontal lobe from endocranial casts of fossil Hominidae. V. I. Kochetkova. Vop. antr. no. 6:3-20 '61.

Skulls from the Aruk-Tau burial mound in Tajikistan. T. P. Kiintkina. Trudy Inst. etn. 71:98-106 '61.

CRANIOLOGY—PERIODICALS see subdivision under Hungary

CRANIOMETRY

The angle of forehead transverse winding and its meaning in racial diagnostics. I. I. Gokhman. Vop. antr. no. 6. 88-98 '61.

Craniometry as one of the methods for increasing the reliability of determining sex on the basis of the skull. V. I. Pashkova. Vop. antr. no. 7:95-101 '61.

CRANIUM see Craniometry

CRANKS AND CRANKSHAFTS

Designing the crankgear mechanism according to the given movement of the crosshead. A. I. Komissarov. Nauch. trudy MTILP no. 18, 204-215 '60.

Istomin, P. A. [Kinetics and dynamics of piston-type internal combustion engines with combined cycles, generalized method for analyzing crankgears of engines] Kinematika i dinamika porshnevykh DVS s kombinirovannymi skhemami; obobshchennyi metod analiza krivoshipno-shatunnykh mekhanizmov dvigatelei. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1961. 303 p.

CRAWLER TRACTORS

Continuous strength of the track links of the DT-54 tractor. N. B. Baranova. Trakt. i sel'khozmash. 32 no. 2: 14-17 F '62.

Interaction of the track of a crawler tractor with mineral soils. M. E. Matsepuro, S. S. Solitskii. Vop. zemledel', mekh. 6:94-129 '61.

Khar'kovskii traktornyi zavod, Kharkov. [Catalog of parts for the T-75 tractor] Katalog detalei traktora T-75. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 325 p.

Method for increasing the longitudinal stability of crawler tractors with a balancing suspension. V. IA. Antlovich. Mekh. i elek. sots. sel'khoz. 20 no. 1:7-10 '62.

Study of the performance of a crawler tractor. A. A. Lysochenko. Trakt. i sel'khozmash. 32 no. 1:19-20 Ja '62.

Study of tractional and coupling features of tractors operating in peat bogs. M. E. Matsepuro and others. Vop. zemledel', mekh. 6:5-93 '61.

CRAWLER TRACTORS—MAINTENANCE AND REPAIR

Tarnasenkov, V. P. [Fundamentals of the maintenance of crawler machines] Osnovy tekhnicheskogo obsluzhivaniia gusenichnykh mashin. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 204 p.

CRAWLER VEHICLES

Certain problems concerning the theory of the motion of a crawler vehicle. F. A. Opeiko. Vop. zemledel', mekh. 7:160-171 '61.

CREAMERIES see subdivision under Vysokoye

CREATIVE ACTIVITIES AND SEAT WORK

Presents for mothers. IU. Bugel'skii. Doshk. vosp. 35 no. 2:121-122 F '62.

CREDIT

(see also subdivision under Hungary, Moscow Province)

Credit and technological progress. P. Verba. Ekon. Sov. Ukr. no. 3:40-45 My-Je '61.

Practice in issuing credit on the basis of the turnover of material values. Den. i kred. 20 no. 2:65-67 F '62.

CREEP OF CONCRETE

Calculation of continuous beams from prestressed reinforced concrete taking into account deformations caused by the creep of concrete. G. V. Kiziriia. Soob. AN Gruz. SSR. 27 no. 6:721-726 D '61.

CREEP OF MATERIALS

Bezukhov, N. I. [Fundamentals of the theory of elasticity, plasticity and creep] Osnovy teorii uprugosti, plastichnosti i polzuchesti. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 536 p.

Investigating the creep of rocks. Zh. S. Erzhanov. Vest. AN Kazakh. SSR. 18 no. 1:46-52 Ja '62.

CREEP OF METALS

Methods for compression tests under constant stress with the study of diffusion in the process of creep. IU. P. Romashkin, L. M. Shestopalov. Zav. lab. 28 no. 1:95-97 '62.

CREEP OF NICKEL

Comparison of structural changes in nickel caused by deformation at 4.2° and 300° K and subsequent creep. I. A. Gindin, V. V. Kozlnets, IA. D. Starodubov. Fiz. tver. tela. 4 no. 2:465-469 F '62.

CREEP OF PLASTICS

Equipment for investigating the creep of plastics. I. I. Bulgakov. Issl. po uprug. i plast. no. 1:213-218 '61.

CREEP OF PLASTICS—TESTING

Investigating the photocreep method. I. I. Bugakov. Issl. po uprug. i plast. no. 1:107-126 '61.

CRESOL

Alkylation of o-, m-, and p-cresols by 1, 4-dichlorobutane. E. A. Viktorova and others. Neftekhimiia. 1 no. 5:648-652 S-O '61.

CRIME AND ALCOHOLISM see Alcoholism and crime

CRIME AND CRIMINALS

Criminal responsibility for failure to report committed crimes and sheltering a criminal. M. I. Kovalev. Sov. gos. i pravo no. 2:104-107 F '57.

Machinators from the Scientific and Technical Library. M. Mironov. Sov. iust. no. 2:26-27 Ja '62.

We shouldn't tolerate the violation of laws on the struggle against loafers. A. TSvetkov. Sov. iust. no. 3:19 F '62.

CRIME AND CRIMINALS—CONGRESSES

Proceedings of the Second of the United Nations Congress on the Prevention of Crime and Treatment of Offenders. Kh. Sulaimanova. Obshchestv. nauki v Uz. no. 2:55-57 '61.

CRIME PREVENTION see subdivision under Kaluga Province; Plesetsk District; Shadrinsk District

CRIMEA—ALUMINUM SILICATES

Alushtite from the Crimea. G. A. Bokiy. Zap. Ves. min. ob-va. 90 no. 6:740-747 '61.

CRIMEA—ANTIQUITIES

Session of the Odessa University and the Odessa Archaeological Museum. I. T. Cherniakov. Sov. arkheol. 6 no. 1:345-346 '62.

CRIMEA—ARBITRATION AND AWARD

The work of arbitration agencies. Sots. zakon. 32 no. 2: 92-93 F '62.

CRIMEA—ASTRONOMICAL OBSERVATORIES

They try to read the "book of skies." Vasyl' Berezhnyi. Ukraina no. 4:17-18 F '62.

CRIMEA—CLOUDS

Cloud characteristics for typical summer synoptical situations on the Crimean Peninsula. A. F. Diubiuk, T. N. Bibikova, B. N. Trubnikov. Trudy UkrNIGMI no. 26:80-94 '61.

Effect of mountainous topography and the sea on the formation of summer clouds over the southern Crimea. A. F. Diubiuk, T. N. Bibikova, B. N. Trubnikov. Trudy UkrNIGMI no. 26:74-85 '61.

CRIMEA—DESCRIPTION AND TRAVEL

[The southern coast of the Crimea] IUzhnyi bereg Kryma. Moskva, Gos. izd-vo izobraz. iskus. 1959. 1 v. (unpaged, chiefly illus.) (WU)

CRIMEA—FLOODS

Flash floods in the Carpathians and the Crimea. M. M. Aizenberg, M. S. Kaganer. Sbor. rab. po gidrol. no. 1: 155-157 '59.

CRIMEA—GAS, NATURAL—GEOLOGY

New data on the geology and oil and gas potentials of the central and western parts of the Crimean steppes. M. S. Burshtar, A. E. Kamenetskii. Sov. geol. 5 no. 1. 82-92 Ja '62.

CRIMEA—GOTHS

The anthropological type of the Tatars of Uskyut. IA. IA. Roginskii. Vop. antr. no. 6:48-62 '61.

CRIMEA—GRAFFITI

Graffiti on the walls of a building in the Scythian Neapolis. O. D. Dashevskaia. Sov. arkheol. 6 no. 1:173-194 '62.

CRIMEA—KARST

Causes of weak karsting of the Boyko Massif in the Crimea. V. I. Liashenko, Chang Chin-kan, E. S. Shtengelov. Izv. vys. ucheb. zav., geol. i razv. 4 no. 12:95-98 D '61.

Red caves in the Crimea [with summary in English]. B. N. Ivanov, V. N. Dublianskii. Biul. MOIP, Otd. geol. 37 no. 1:120-124 Ja-F '62.

CRIMEA—PETROLEUM GEOLOGY

New data on the geology and oil and gas potentials of the central and western parts of the Crimean steppes. M. S. Burshtar, A. E. Kamenetskii. Sov. geol. 5 no. 1. 82-92 Ja '62.

CRIMEA—PETROLOGY

Stages of mineral formation in deposits of the Taurian series of the Crimea. N. V. Logvinenko and others. Dokl. AN SSSR. 142 no. 4:922-925 F '62.

CRIMEA—STONE AGE

The Svideriskaia Culture in the Crimea, the ancient site of Siuren' No. 2. E. A. Vekilova. Krat. soob. Inst. arkheol. no. 82:143-149 '61.

CRIMEA—TATARS

The anthropological type of the Tatars of Uskyut. IA. IA. Roginskii. Vop. antr. no. 6:48-62 '61.

CRIMEA—VIEWS

Krym, Crimea. [Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry URSR, 1961] 1 v. (chiefly illus)

CRIMEA—WORLD WAR, 1939-1945

Struggle for the Crimea during the Great Patriotic War. I. I. Slyn'ko. Ukr. ist. zhur. 6 no. 2:146-147 Mr-Ap '62.

Unexampled heroism. F. A. Tret'iakov. Ukr. ist. zhur. 5 no. 1:114-115 Ja-F '62.

CRIMEAN MOUNTAINS—PALEONTOLOGY

Significance of markings in the Taurian formation of the Crimean Mountains. V. S. Sasinovich. Geol. zhur. 22 no. 1:100-106 '62.

CRIMEAN MOUNTAINS—WATER, UNDERGROUND

Role of underground waters in the river discharge of mountain structures as revealed by the Crimean Mountains. I. G. Glukhov. Izv. vys. ucheb. zav., geol. i razv. 5 no. 1:84-88 Ja '62.

CRIMES AGAINST HUMANITY

"The defense of peace and the struggle with crimes against humanity" by A. N. Trainin. Reviewed by A. S. Piradov. Sov. gos. i pravo no. 2:128-130 F '57.

CRIMES A

"The def
against
Piradov

CRIMI

(se

Brahin, M. K. [How to investigate the violation of safety measures in agriculture] Rassledovanie prestupnykh narushenii pravil tekhniki bezopasnosti v sel'skom khoziaistve. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 134 p.

Ensuring the compensation for damage during the investigation of criminal offenses. M. Smyrnov. Rad. pravo no. 1:132-133 Ja-F '62.

How to investigate a murder committed during a brawl. V. Ivanov. Sots. zakon. 39 no. 2:70-73 F '62.

A joint session of the Council of Criminological Institute and the Methodological Council. Sots. zakon. 39 no. 2: 53-55 F '62.

"Man and law; notes of an investigating judge" by L. Sheinin. Reviewed by G. Gol'st, V. Ivanov. Sots. zakon. 39 no. 2:94-95 F '62.

CRIMINAL JUSTICE, ADMINISTRATION OF

(see also subdivision under Ukraine)

Follow-up of articles published in our periodical. Sots. zakon. 39 no. 2:85 F '62.

Gal'perin, I. M., and F. A. Polozkov. [Public participation in Soviet criminal procedure] Uchastie obshchestvennosti v sovetskom ugolovnom protsesse. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 125 p.

Motovilovker, IA. O. [How the Soviet public struggles with crime] Obshchestvennost' v bor'be s prestupnost'iu [Komorovo] Komerovskoe knizhnoe izd-vo, 1961. 93 p.

We should ensure the imposition of proper penalties. V. Baskov. Sots. zakon. 39 no. 2:50-52 F '62.

CRIMINAL LAW
(see also subdivision under Czechoslovakia, Ukraine)
Decisions Nos 9 and 10 of the Supreme Court of the U. S. S R. of December 14 and 19, 1961. Sov just no. 3 28-30 F '62
Do away with the results of the personality cult in Soviet jurisprudence D Karev Sots zakon 39 no 2 56-62 F '62
IAkubovich, M. I., and V. A. Vladimirov, eds. [Offenses against the security of the Soviet state, a textbook on Soviet criminal law] Gosudarstvennye prestupleniia, uchebnoe posobie po sovetskomu ugolovnomu pravu. [By] V. A. Vladimirov i dr. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 227 p.
Mezger, Edmund, Adolf Schonke, and Hans-Heinrich Jescheck, eds. [Present-day criminal law of foreign countries] Sovremennoe zarubezhnoe ugolovnoe pravo Pod red i s predisl A A Piontkovskogo. Moskva, Izd-vo inostr. lit-ry
Vol 3 [Chile, England, Greece, Austria Translated from the German] Chili Anglija Avstrija 1961 758 p
Shargorodskii, M. D. [Present-day bourgeois criminal legislation and law] Sovremennoe burzhuaznoe ugolovnoe zakonodatel'stvo i pravo Moskva, Gos izd-vo iurid lit-ry, 1961 109 p

CRIMINAL LAW—STUDY AND TEACHING
Study groups of people's judges. K. Eidel'nant. Sov just no. 4:18-20 F '62

CRIMINAL LIABILITY
Decree of the Presidium of the Supreme Soviet of the U. S. S R. on criminal responsibility for negligence in using or maintaining agricultural machinery Uchet i fin. v kolkhoz. i sovkhoz 19 no. 2:43 F '62

CRIMINAL PROCEDURE
(see also subdivision under Lithuania)
Bykhovskii, E. I. [Combination and separation of cases in Soviet criminal procedure] Soedinenie i vydelenie ugolovnykh del v sovetskom ugolovnom protsesse. Otvet. red. Terebilov, V. I. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 75 p.
Decision No. 9 of the Plenum of the Supreme Court of the U. S. S. R. of December 14, 1961 "Revocation and reversal of some decisions of the plenary session of the Supreme Court of the U S. S. R in criminal cases " Biul. Verkh. Suda no. 1:10-12 '62.
Do away with the results of the personality cult in Soviet jurisprudence D. Karev. Sots. zakon 39 no 2 56-62 F '62
Gal'perin, I. M., and F. A. Polozkov. [Public participation in Soviet criminal procedure] Uchastie obshchestvennosti v sovetskom ugolovnom protsesse. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 125 p.
Principal features of criminal procedure in the Chinese People's Republic. Tsan Chi-pai, V. E. Chugunov Sov gos. i pravo no. 2:73-81 F '57
Problem of overcoming the results of the personality cult in Soviet jurisprudence and its discussion at Moscow University A V Sots zakon 39 no. 2 62-63 F '62

CRINOTHENE see Polyethylene

CROP ROTATION see Rotation of crops

CROP YIELDS see subdivision under Lipetsk Province

CROPS AND CLIMATE
[Agroclimatic conditions and new possibilities in agriculture] Agroklimaticheskie usloviia i novye rezervy v sel'skom khoziaistve. Leningrad, Gidrometeor. izd-vo, 1961. 58 p.
Conducting phenological observations. N. V Popov. Biol. v shkole no. 2:60-63 Mr-Ap '62.
[Evaluation of the agroclimatic conditions of farm lands] Otsenka agroklimaticheskikh uslovii sel'skokhoziaistvennykh polei. Leningrad, Gidrometeor. izd-vo, 1961 75 p (V pomoshch' agronomu)
(DA)

CROTONALDEHYDE
Reaction of 1, 1-dichloro-2-propene and crotonaldehyde with alkyl(aryl)thiols. R. Kh. Freidlina, A. B Terent'ev, R. G. Petrova. Izv. AN SSSR, Otd khim. nauk no. 2 282-286 F '62.

CROWN-GALL DISEASE
Research on the suppression of the development of plant tumors (crown gall). Cristofor I Simionescu. Dokl. AN SSSR 143 no 1:239-241 Mr '62.

CRUSADES
"History of the crusades" Vols. 1 and 2 [in German] by A. Waas. Reviewed by M. A. Zaborov. Sred. veka no 19:256-273 '61.

CRUSHED STONE see Stone, Crushed

CRUSHING MACHINERY
"Crushing machine operator" by V. V. Bulychev. Reviewed by N. S. Sason. Gor. zhur. no. 12:68-69 D '61.
Improving crushing flowsheets in mining and ore-dressing combines. S. A. Zaikin and others. Gor zhur. no. 10:74-76 O '61.
Number of cone-type crushers and their correlation in industrial flowsheets. M. N. Kazennov, P. I. Tove. Gor. zhur. no. 10:77-80 O '61.

CRUSHING MACHINERY—MAINTENANCE AND REPAIR
Reconditioning of crushing machine assemblies. D. O. Chilingarov. Put' i put. khoz. 6 no 2:33-34 '62.

CRUSTACEA see subdivision under Karelia

CRYOPEDOLOGY
(see also subdivision under Transbaikalia)
Method of compiling a cryopedological (frost) register. I V Piotas'eva Trudy Inst merzl AN SSSR 17 103-107 '61.
Results of the survey of the studies of temperature and seasonal soil freezing in the U S.S.R E. F. Ul' Trudy Inst merzl AN SSSR 17 94-102 '61

CRYOSCOPY
Modified cryoscopic method for determining the purity of hydrocarbons N. I. Liashkevich Neftekhimiia 1 no 2 286-291 Mr-Ap '61
Molecular state of certain compounds accompanying titanium tetrachloride. B. A. Voitovich Titan i ego splavy no. 5:188-194 '61

CRYPTOGRAMS see subdivision under Armenia

CRYSTAL LATTICES
Connection between crack formation and the morphology of crystals containing impurities (heterometry) A A Shternberg Kristallografiia 7 no 1 114-120 Ja-F '62
Crystal lattice energy and the reactivity of solids. M M Pavliuchenko Dokl AN SSSR 143 no 1 153-155 Mr '62.
Determining the dispersity and lattice distortions in U-10 steel following quenching and tempering B IA Pines, A F. Sirenko. Kristallografiia 7 no 1, 125-127 Ja-F '62
Effect of lattice defects on the traveling speed of domain boundaries. I. IA. Dekhtiar, A. M Shalnev. Izv. AN SSSR. Ser. fiz. 26 no. 2:273-276 F '62.
Experimentally determinable electron density distribution in crystals and their diamagnetic susceptibility. Dokl AN SSSR 142 no 6 1278-1281 F '62
Main types of deformation microreliefs occurring at high temperatures in polycrystalline metals with a face-centered cubic lattice. M. G. Lozinskii, N. Z. Pertsovskii. Izv. AN SSSR Otd. tekh. nauk. Met. i topl. no. 1, 105-126 Ja-F '62.
Octupole interaction of polarized atoms in crystals. I. TS Liast. Fiz. tver. tela 4 no. 1:3-7 Ja '62.
Theory of "cascade" recombination of current carriers in homopolar semiconductors. V. L. Bonch-Bruevich, V. B. Glasko. Fiz tver. tela 4 no. 2 510-523 F '62.
Thermal oscillation spectrum and characteristic temperature of a CsCl type crystal lattice A. P. Zvingina, V. I. Iveronova. Izv. AN SSSR. Ser. fiz. 26 no. 3:340-344 Mr '62.

CRYSTAL LATTICES—VIBRATION
Frequencies and amplitudes of atomic vibrations in a diamond type crystal for a wave vector directed along the diagonal of a cube face. Z A. Damidenko, T I Kucher, K. B. Tolpygo Fiz. tver. tela 4 no 1:104-109 Ja '62.

CRYSTAL OPTICS
Optical orientation of crystal grains. IU. M. Gerasimov, B. N. Grechushnikov. Kristallografiia 7 no 1, 137 Ja-F '62.
Theory of circular optical axes. A. P. Khapaliuk. Opt. i spektr. 12 no. 1:106-110 Ja '62.

CRYSTALLINE AND METAMORPHIC ROCKS see Rocks, Crystalline and metamorphic

CRYSTALLINE LENS
Significance of retinal ganglion cells for the development of the crystalline lens V. V. Popov, A V. Al'-Sakini. Dokl AN SSSR 142 no 6 1420-1423 F '62.

CRYSTALLINE LENS—FOREIGN BODIES
Surgical procedure in removing a magnetic fragment from the crystalline lense. L. M. TSipenIuk Zdrav. Kazakh. 21 no. 5:67-70 '61.

CRYSTALLIZATION
Characteristics of solidification processes involved in the formation of crystal structure in semihydrated gypsum suspensions at 20° and 60°. E. A. Amelina, E. E. Segalova, P. A. Rebinder. Dokl. AN SSSR 142 no. 4: 884-886 F '62.
Colloform nonmetallic minerals in the Pechenga sulfide copper-nickel deposits and their association with the process of ore crystallization. N. A. Kornilov. Mat. po min. Kol'. poluost. 1:30-38 '59.
Disk crystallizer. V. M. Tamarin. Khim. mash. no. 6: 6-7 N-D '61.
Effect of carbon on the migration of grain boundaries during the recrystallization of iron. S. Z. Bokshtein, S. T. Kishkin, L. M. Moroz. Metalloved i term obr. met. no. 3:8-13 Mr '62.
Effect of various additions on the modification and the recrystallization temperature of zinc. D I. Lainer, L. A. Bazhenova, A. V. Agafonova. Trudy Giprotsvetmetobrabotka no. 20:81-96 '61.
Formation of glass-microcrystal structures. N. V. Solomin, V. I. Shelubskii, N. M. Vaisfel'd. Dokl. AN SSSR 140 no. 5 1087-1089 O '61.
Identification of levomycetin and synthomycin by the method of crystallization in thin layers [with summary in English]. M N Nikol'skaia. Apt delo 10 no. 6:42-46 N-D '61
Mechanism of the effect of ultrasonic waves on the crystallization of metals. I. I. Teumin. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 1:94-99 Ja-F '62.
Peculiar type of recrystallization in pegmatites. V V Gordienko. Mat. po min Kol'. poluost. 1 20-24 '59.
Recrystallization of polycaproamide subjected to mechanical treatment V. A. Kargin and others. Dokl AN SSSR 142 no 5:1004-1005 F '62.
Regularities in the recrystallization of metals and alloys. S. S. Gorelik Izv vys ucheb zav, chern. met 5 no 1: 141-146 '62.
Studying the structure of a solid solution, taking the conditions of crystallization and heat treatment into account. M. I. Zakharova, N. A. Khatanova Izv AN SSSR Ser. fiz 26 no. 3:345-348 Mr '62
Vicinal crystallization of eutectic-type binary alloys. V. V. Nikonova, G. M. Baitenev. Izv. AN SSSR. Otd. tekh. nauk. met. i topl. no. 1:100-101 Ja-F '62.

CRYSTALLOGRAPHY
Critical parallels of the earth's ellipsoid and their angular analogues in crystals. B. I. Lidkov, I I Shafranovs'kyi Geol. zhur. 21 no 6:12-23 '61.
Crystalline structures of the compounds Ba_2Mg_{17} and Sr_2Mg_{17} P. I. Kripiakevich, V. I Fvdokimenko Kristallografiia 7 no. 1:31-42 Ja-F '62.
Crystallochemistry and mineralogy of the "lomonosovit" group in the light of the crystalline structure of "lomonosovit" [with summary in English]. N V Belov, N. I Organova. Geokhimiia no. 1 6-14 '62
Crystallographic studying forsterite from carbonatites and magnetite ores of the Kovdora massif (Kola Peninsula). O. M. Rimskaya-Korsakova. Mat. po min Kol'. poluost. 1:77-83 '59.
Dimer complexes in paramagnetic nickel compounds Structure of $Nien_2Cl_2$ and $Nien_2Br_2$ crystals. A. S. Antsyshkina, M. A. Porai-Koshits. Dokl AN SSSR 141 no 1 105-108 Mr '62.
Habit of a crystal grain and its connection with the internal structure [with summary in English on pp. 483-484] N. K. Razumovskii. Min. sbor. no. 14:105-110 '60.
Habits of crystal edges and skeletons in microchemical analysis [with summary in English on p. 484]. T. N Burakova, I. I. Shafranovskii. Min. sbor. no. 14:125-134 '60.
Lattice parameters, symmetry of crystals and main features of the structural pattern of some metafluoberyllates. L. P. Mil'kova, M. A. Porai-Koshits. Izv AN SSSR. Ser. fiz. 26 no. 3:368-377 Mr '62.
Light dispersion in the exciton absorption region in the case of dipole-forbidden transitions. B. E. TSekvava. Fiz. tver. tela 4 no. 2 501-509 F '62.
Orientation of phases separating during aging of the alloys nickel-beryllium and copper-beryllium. IU. A. Bagariatskii, N. T. Travina. Kristallografiia 7 no. 1:128-133 Ja-F '62.
Pneumatolytic crystallization of minerals [with summary in English on p. 482]. N. A. Eliseev. Min. sbor. no 14: 50-70 '60.
Reduction of goniometric data on crystals to a single principal meridian. V. B. Tasharskii Zap Vses. min. ob-va 90 no. 6:691-695 '61.
Shternberg, A. A. [Crystals in nature and technology; teacher's manual] Kristally v prirode i tekhnike; posobie dlia uchitelei. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 85 p.
Strength of "cleavage whiskers." L. S. Dikina, A. A. Shpunt. Fiz. tver. tela 4 no. 2 556-558 F '62.
Theory of the polymorphism of two-layer (kaolin-like) minerals. B. B Zvlagin Kristallografiia 7 no. 1: 51-65 Ja-F '62.
Use of calculating machines in the analysis of crystalline structures. M. A. Porai-Koshits. Izv. AN SSSR. Ser. fiz. 26 no. 3:322-330 Mr '62.

CRYSTALLOGRAPHY, MATHEMATICAL
Magnetic tensor symmetry and the energy of magnetic anisotropy IU. I. Sirotin. Kristallografiia 7 no. 1: 89-96 Ja-F '62.
Measuring the symmetry of piezoelectric crystals in the direct and inverse piezoeffect. V. A. Koptsik. Kristallografiia 7 no. 1:144-147 Ja-F '62.
Possible values of the coordinate x in one-parameter lattice complexes of cubic systems. N. L. Smirnova. Kristallografiia 7 no. 1:7-11 Ja-F '62.
Refraction and absorption ellipsoids for absorbing crystals. A. M. Goncharenko. Kristallografiia 7 no. 1: 133-134 Ja-F '62.
Second conference on the use of computers in the structural analysis of crystals. V. G. Petrov. Kristallografiia 7 no. 1:163-164 Ja-F '62.
Symmetry and antisymmetry groups (classes) of finite bands A. V. Shubnikov. Kristallografiia 7 no. 1:3-6 Ja-F '62.

CRYSTALS—DEFECTS

Effect on the intensity of scattered X rays excited by lattice distortions due to differences in atomic sizes in ordered binary alloys. A. A Smirnov, E. A. Tikhonova, A. V Chalyi Fiz. tver. tela 4 no 1:77-85 Ja '62

Frequency spectra of double electron-nuclear spin-resonance on paramagnetic defects in crystals V IA Zevin. Fiz. tver. tela 4 no. 2 476-481 F '62.

Latent optical anisotropy in cubic crystals containing local centers, and methods for studying it P. P. Feofilov, A. A. Kaplianskii Usp. fiz. nauk 76 no 2: 201-238 F '62

Theory of the oscillations of a defect lattice. N N Kristofel'. Fiz. tver. tela 4 no. 1:52-58 Ja '62

CRYSTALS—GROWTH

Causes of the combination striation of crystals. S. A. Strotelev Zap. Vses min. ob-va 90 no 6, 709-713 '61

Effect of an electric field on the formation of crystallization centers M I Kozlovskii Kristallografiia 7 no 1 157-159 Ja-F '62

Morphologic classification of the striation of growth on crystals S Sh Gendelev. Zap. Vses min. ob-va 90 no 6:629-636 '61

CRYSTALS—OPTICAL PROPERTIES

Concerning the practice of the theodolite-immersion method. R. A. Kravchenko-Berezhnoi Mat. po min. Kol'. poluost. 1:180-186 '59.

Passage of light through a plate made from a transparent uniaxial crystal. V. I. Fedorov, T. L. Kotlazh. Opt i spektr. 12 no. 2:298-303 F '62

Studying the migration of the excitation energy in molecular crystals by means of polarization of their luminescence. N. D Zhevandrov Izv. AN SSSR. Ser fiz. 26 no 1.67-73 Ja '62

CRYSTALS—SPECTRA

Absorption spectrum in a crystal caused by polaron decay. I. N. Ovander. Fiz. tver. tela 4 no 1:294-295 Ja '62.

Frequency spectra of double electron-nuclear spin-resonance on paramagnetic defects in crystals. V. IA. Zevin. Fiz. tver. tela 4 no. 2 178-184 F '62.

Luminescence and distribution of energy levels in annealed and unannealed alkali halide crystals excited with X rays and β particles. M. N D'iachenko. Trudy KHIIT no. 41:74-83 '61

CTENOPHORA

Regenerative capacity of Ctenophora [with summary in English] B. P. Tokin Vest. LGU 17 no. 3:66-78 '62

CUBA—ANTIQUITIES

Cave of the sun. Antonio Nunez Jimenez. Vokrug sveta no. 1:56-62 Ja '62.

CUBA—ECONOMIC CONDITIONS

Gill, Mario. [Cuba yes! Yankees no! Translated from the Spanish] Kuba - da! IAnki - net! Pod red. i s vstup. stat'ei S. A. Gontonskogo Moskva, Izd-vo inostr. lit-ry, 1961 282 p.

New features in the geography of revolutionary Cuba. IA. G. Mashbits. Geog. v shkole 25 no 2:14-23 Mr-Ap '62.

CUBA—EDUCATION

Public education in revolutionary Cuba. I. G. Kovalenko. Sov. pedag. 26 no 1:114-118 Ja '62.

CUBA—ETHNOLOGY

"Cuba; historical and ethnological studies," edited by A. V. Efimov, I. R. Grigulevich. Reviewed by L. A Gaidukova. Izv. AN SSSR. Ser. geog. no 1 158-159 Ja-F '62

CUBA—FOREIGN RELATIONS

Foolish decisions in Punta del Este. T. Mondragon. Mezhdunar zhizn' 9 no. 4:22-29 Ap '62.

New campaign against Cuba. A. Burlak Mezhdunar. zhizn' 9 no. 3:107-108 Mr '62.

CUBA—HISTORY

"Cuba; historical and ethnological studies," edited by A. V. Efimov, I. R. Grigulevich. Reviewed by L. A. Gaidukova. Izv. AN SSSR. Ser. geog. no. 1:156-159 Ja-F '62.

"Cuba, historicoethnographical essays." Reviewed by S. D. Skazkin. Vest. AN SSSR 32 no. 2:116-118 F '62

"Heroic past of the Cuban people" by A. M. Zorina. Reviewed by M. I. Mokhnachev. Nov. i noveish. ist. no. 1:163-166 '62.

CUBA—LABOR AND LABORING CLASSES

Cayucero of the Tea River. S. K. Arnas. Vokrug sveta no. 2:30 F '62.

CUBA—POLITICS AND GOVERNMENT

Gill, Mario. [Cuba yes! Yankees no! Translated from the Spanish] Kuba - da! IAnki - net! Pod red. i s vstup. stat'ei S. A. Gontonskogo. Moskva, Izd-vo inostr. lit-ry, 1961. 282 p.

CUBA—RELATIONS (GENERAL) WITH RUSSIA

It will be a Soviet-Cuban motion picture. Enrike Pineda Barnet. Nov. vrem. 20 no. 10:16-18 Mr '62.

CUBA—TECHNICAL ASSISTANCE, RUSSIAN

How the Soviet Union helps Cuba. G. N. Sheviakov. Mezhdunar zhizn' 9 no 3 97-98 Mr '62

CUBA—TRADE UNIONS

Trade-union movement in Cuba Z. Petrova. Mir ekon. i mezhdunar otn. no 3:110-111 Mr '62.

CULTIVATORS

Investigating cast iron - steel and steel - steel friction pairs in cultivators and cotton planters. V. D. Avagimov. Shor. nauch.-issl. rab. UzNIIME no 1, 251-267 '59.

Investigating some parameters of cultivators with subsurface sweeps A. E. Ershanov. Vest. sel'khoz nauki [Kazakh.] 4 no 11:61-69 N '61

CULTURE

"The evolution of man's capacity for culture" [in English]. Reviewed by V. P. Alekseev Vop. antr no. 7:150-154 '61.

CULTUS see subdivision under Turkmenistan

CULTUS (CANON LAW)

Emeliakh, L. I. [Origin of Christian cultus] Proiskhozhdenie khristianskogo kul'ta. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961 142 p

CULVERTS see subdivision under Russia, Northern

CUMBERLAND DISEASE see Anthrax

CUMENE

Consecutive order in formation of products in the liquid phase oxidation of cumene. V. L. Antonovskii, B. I Makarets. Dokl. AN SSSR 140 no. 5 1070-1072 O '61.

Mechanism of isopropylbenzene oxidation in weak-alkaline emulsions. S. D Kaz'min. Zhur. prikl khim 35 no. 2:422-429 F '62.

Processing of phenolic resin obtained in the production of phenol via cumene A. B. Vol'-Epshtein, M. N. Zharova, V. V. Surovtseva Khim. prom no 2, 88-93 F '62.

CUNEIFORM INSCRIPTIONS, VANNIC

A Vannic hieroglyphic inscription. I. A. Barsegian. Ist.-filol. zhur. no 3/4 238-244 '61

CUPOLA FURNACES

Continuous charging of the cupola with charge materials V. P Chernobrovkin Lit. proizv no 2:8 F '62

Transfer of lime cupolas to firing with natural gas L V Sudopiatov, B V. IAsinnas, G IA. Berkovich Metallurg 7 no. 3 16-19 Mr '62.

Vsesoiuznaia nauchno-tekhnicheskaia konferentsiia po vagranochnomu protsessu. 3d, 1959 [Development of the cupola process; proceedings of the third All-Union Scientific and Technical Conference on the Cupola Process] Razvitie vagranochnogo protsessa, trudy Pod red L. M Mar'enbakha, N. A Barinova. Moskva, Mashgiz, 1961 438 p

[MICROFILM]

CURARE

Use of curare and curarelike drugs in anesthesiology T. M. Darbinian, N. I. Krakovskii, A. D. Arapov Zdrav. Kazakh. 21 no. 5:73-77 '61

CURARELIKE SUBSTANCES

Reduction of traumatic dislocations of the large joints using curarelike preparations. M. P. Rovba. Zdrav. Bel 7 no. 12:28-30 D '61.

Use of curare and curarelike drugs in anesthesiology. T. M. Darbinian, N. I. Krakovskii, A. D. Arapov Zdrav. Kazakh 21 no. 5:73-77 '61.

CURTISITE see subdivision under Transcarpathia

CURVES, ALGEBRAIC

Bifurcation of simple double points and cusps of real plane algebraic curves. D. A. Gudkov. Dokl. AN SSSR 142 no 5:990-993 F '62.

Variability of simple double points on real plane algebraic curves. D A. Gudkov Dokl. AN SSSR 142 no. 6:1233-1235 F '62.

CUTTING MACHINES

Device for cutting high-carbon tool and alloyed steel with abrasive wheels with 250-400 mm. diameter and 2-3 mm thick. E. S. Mil'shtein Mashinostroenie no 1, 102 Ja-F '62.

Machine for cutting off billets with a diameter up to 52 mm M. P. Feldman, E. N. Savinykh. Mashinostroenie no. 1 101 Ja-F '62.

CYAMELURIC ACID

Production of mono- and diamides of cyameluric acid. E. N. Boitsov, A. I. Finkel'shtein. Zhur. ob. khim. 32 no. 1:321-322 Ja '62.

CYAMELURIC ACID—SPECTRA

Optical study of the molecular structure of s-triazine derivatives. Part 7. Electron spectrum of aqueous solutions of the derivatives of cyameluric acid at different pH. A. I. Finkel'shtein. Opt. i spektr. 12 no. 2: 204-207 F '62.

CYANAMIDE

Mechanism of the reaction of cyanamide with monobasic acids of the aliphatic series A. E. Krotov, A. P. Morinaeko Zhur ob khim 31 no 12, 3915-3921 D '61

CYANINES

Adsorption of cyanine dyes to silver halides. S. V. Nabatanson, N I Semnikova. Trudy NIKFI no 40:31-49 '60

Cyanine dyes containing fluorine. Part 10. Cyanine dyes containing fluorine in the polymethine chain. I. M. IAgupol'skii, B. E Gruz Zhur ob khim 31 no 12, 3955-3961 D '61

Cyanine dyes with unsaturated substituents Part 10 6-styrylthiamonocyanines and rhodacyanines with substituents in the polymethine chain L N Timofeeva, M A Al'perovich, L.K. Ushenko. Zhur ob khim. 31 no 1 70-76 Ja '62

Effect of the introduction of amino groups into the heterocyclic residues of cyanine dyes on their basicity N S. Spasokukotskii, E S Kozlova Trudy NIKFI no 40: 70-85 '60

Studies in the field of cyanine dyes. Part 14: Some thiacarbocyanines containing ethyl or isopropyl groups in the heterocyclic residues I I. Levkoev and others. Trudy NIKFI no 10:5-11 '60

Studies in the field of cyanine dyes. Part 15: 5, 5'- and 6, 6'-diphenylthiacarbocyanines S. A. Kheifets, N. N. Sveshnikov Trudy NIKFI no 40:12-20 '60.

Studies in the field of cyanine dyes. Part 16: Some properties of the quaternary salts of 9-methylphenanthridine. I. I. Levkoev, V. V. Durmashkina. Trudy NIKFI no. 40: 21-25 '60

CYANITE see subdivision under Keyvy Upland

CYANOCOBALAMINE

Changes in the biosynthesis of vitamin B_{12} and p-aminobenzoic acid in Bacillus megaterium due to the effect of adaptation to norsulfazole. N D. Ierusalimskii, L. D Shaforostova Dokl AN SSSR 142 no 5 1176-1179 F '62

Concentration of vitamin B_{12} and iron in blood serum in diseases of the liver U. I IUldashev. Med. zhur. Uzb no. 3 10-12 Mr '60

Effect of the preparation "biovit" on the growth of chickens depending on the ration and amount of vitamin B_{12} and biomycin in the preparation [in Latvian]. R Andruškaite Izv AN Latv. SSR no 11 123-126 '61

"Vitamin B_{12} and its significance in the pathogenesis and treatment of pernicious anemia" by IU. I Mulevskaia Reviewed by P I Pgorov, G M. Sokolova Terap arkh no 12 114-115 '61

Vitamin B_{12} content of the blood serum in tuberculous patients depending on the season V. R Pulatov. Med. zhur. Uzb. no 12 18 D '61

Vitamin B_{12} therapy in liver diseases [with summary in English] A. IU. Ivanova-Neznamova Terap arkh no 12 62-67 '61

CYANOGEN—SPECTRA

Determination of the physical characteristics of the cyanogen halos about Halley's Comet of 1910 II D O Mokhnach Dokl. AN SSSR 142 no 2 304-307 Ja '62

CYBERNETICS

"Brain" machines and the brain activity of man. V. M. Glushkov. Rad. shk. 40 no. 2:87-91 F '62.

Calculation techniques and cybernetics in mining engineering.

11-i

Cyber
amo
kovt

Cyber
B. P

Cyber
V. A.

Discu
E. K

In the
prat

Machi
i zhy

Natur
36-3

Prosp
Pan

CYCLIZ

Cyclis
temp
V. A.
no. 2

CYCLOI

Produ
the c
auto
okis

CYCLOI

β-Dice
of 1,
S. I. 2
no. 12

CYCLOHEXADIENE (Continued)

Kinetics of 1,3-cyclohexadiene autoxidation in benzene solution. B.V. Erofeev, N.S. Dutniak, Zhidkofaz. okis. nepr. org. soed. no. 1 29-37 '61

CYCLOHEXANE

Autoxidation of cyclohexylidenecyclohexane. A.I. Chirko, M.G. Nikonenko, Zhidkofaz okis. nepr. org. soed. no 1 63-72 '61

Autoxidation of isopropylcyclohexane by atmospheric oxygen. O.V. Sigov, S.V. Zavgorodnii. Zhur ob. khim. 32 no 2:562-567 F '62

Catalytic activity of birchwood carbon in the reaction of cyclohexane dehydrogenation N.I. Shuikin, T.I. Narysnikina Izv AN SSSR Otd khim nauk no 2 320-324 F '62

Catalytic contact transformations of cyclohexane and methylcyclohexane in the presence of a natural glauconite catalyst V.L. Kvirikashvili Soob. AN Gruz SSR 27 no 6:671-678 D '61.

Thermal alkylation of methylcyclohexane by olefins under pressure. N.M. Nazarova and others. Neftekhimiia 1 no. 5:613-618 S-O '61.

CYCLOHEXANOL

Mechanism of the Demianov reaction O.A. Reutov, T.N. Shatkina. Dokl. AN SSSR 142 no 4 835-837 F '62.

CYCLOHEXENE

Alkylation of anisole by propylene and cyclohexene in the presence of BF_3, H_3PO_4. S.V. Zagorodnii, E.V. Alisova. Zhur. ob. khim 32 no 2:350-353 F '62

Autoxidation of 1-isopropyl-1-cyclohexene and 1-ethyl-1-cyclopentene to hydroperoxides. V.F. Beliaev. Zhidkofaz. okis. nepr. org. soed no. 1:97-104 '61.

Preparation of 1,2,3,-trimethyl-2-cyclohexene hydroperoxide. K.A. Pecherskaia, E.G. Ermolaeva. Zhidkofaz. okis. nepr. org. soed. no. 1:119-122 '61.

Products and kinetics of 1-cyclohexyl-1-cyclohexene autoxidation. A.I. Chirko, A.A. Maslko. Zhidkofaz. okis. nepr. org. soed. no 1:39-50 '61

Studying the products and kinetics of 1-phenyl-1-cyclohexene autoxidation. B.V. Erofeev, A.I. Chirko I.I. Uskov. Zhidkofaz. okis nepr. org. soed no. 1:3-14 '61.

CYCLOHEXENONE

Transition from tricyclohexenones to tricyclohexenylamines. M.N. Tilichenko, N.S. Berbulesku, V.I. Vysotskii. Zhur. ob. khim 31 no. 12:4058-4059 D '61.

CYCLOHEXENYLAMINE

Transition from tricyclohexenones to tricyclohexenylamines M.N. Tilichenko, N.S. Berbulesku, V.I. Vysotskii. Zhur. ob. khim. 31 no. 12:4058-4059 D '61

CYCLOHEXYLAMINE

Mechanism of the Demianov reaction. O.A. Reutov, T.N. Shatkina Dokl AN SSSR 142 no. 4 835-837 F '62.

CYCLONES see subdivision under Genoa region

CYCLOÖCTANE

Contact conversions of cyclooctane in the presence of an alumina-chromium oxide catalyst. E.A Shokova and others. Neftekhimiia 1 no 1 28-32 Ja-F '61

CYCLOPENTANE

Products and kinetics of phenylcyclopentane autoxidation. B.V. Erofeev, A.I. Chirko, I.I. *Urbanovich. Zhidkofaz.* okis. nepr. org. soed. no. 1:15-27 '61.

CYCLOPENTENE

Autoxidation of 1-isopropyl-1-cyclohexene and 1-ethyl-1-cyclopentene to hydroperoxides. V.F. Beliaev. Zhidkofaz. okis. nepr. org. soed. no. 1:97-104 '61.

CYCLOSERINE

Biological activity of cycloserine and some of its analogues and homologues [with summary in English]. M.A. Breger. Antibiotiki 6 no 9:26-29 S '61.

Effect of cycloserine on the transaminase activity of the blood serum in tuberculosis [with summary in English]. V.V. Utkin. Terap. arkh. no. 7:73-79 '61.

CYCLOSILOXANE

Isomerism of 1,3,5-tris(3,3,3-trifluoropropyl)-1,3,5-trimethylcyclotrisiloxane. A.L. Klebanskii and others. Zhur. ob. khim. 32 no. 1:323-324 Ja '62.

Synthesis of dimethylcyclosiloxanes containing functional groups at a silicon atom. K.A. Andrianov, Lora M. Volkova. Izv. AN SSSR. Otd. khim. nauk no. 2 264-269 F '62.

CYCLOTRON

Indreash, G., and others. [Study of γ-rays in the resonance system of a cyclotron] Issledovanie γ-luchei rezonansnoi sistemy tsiklotrona. Dubna, Ob"edinennyi in-t iadernykh issledovanii, 1962. 16 p. [With summary in English]

CYCLOTRON RESONANCE

Width of the cyclotron resonance line in semimetals and determination of the correlation function for bismuth. M. IA. Azbel', G.A. Begiashvili. Zhur. eksp. i teor. fiz. 42 no. 2:640-641 F '62.

CYLINDERS

Problem of an arbitrary compression of a hollow *circular* cylinder under arbitrary loading on the lateral surface. I.I. Smolovik, *A.N. Shchepetev.* Inzh. zhur. 1 no. 3, 178-181 '61.

CYLINDROSPORIUM

Cylindrosporium infection of hazel and chestnut and measures for its control T.M. Akhundov. Trudy AzSTAZRa 1,115-122 '60

CYPRUS—ECONOMIC CONDITIONS

Present-day problems of the Cyprus Republic. S. Stepanov. Mir. ekon. i mezhdunar. otn. no. 3:113-113 Mr '62

CYSTS

Case of autotherapy of a multilocular osseous cyst of atypical location. S.A. Akhmedov Azerb. med. zhur. no. 3:83-84 Ag '61.

Two observations of cysts of the pancreas. I.P. Lobodn. Nov. khir arkh no 2:73-74 '62

Two observations of cysts of the pancreas developing after pancreatitis. A.E. Cheban. Nov. khir arkh. no 2,72-73 '62.

Treatment of traumatic skin detachment by S.M. Rubashov's method F.P. Tikhomirova. Nov khir. arkh no 4:110 Jl-Ag '60

CYTODIAGNOSIS see Diagnosis, Cytologic

CYTOLOGY—CONGRESSES

Tenth Congress of Cell Biology. S.IA. Zalkind. Arkh. *anat. gist. embr. 40 no. 6:116-118 Je '61.*

CYTOTOXIC DRUGS

Antineoplastic activity of some piperazine derivatives. IU. A. Sorkina, V.A. Chernov Vop. onk 8 no. 1: 77-84 '62.

Attenuation of the toxicity of preparations from the group of alkylating agents using dibasol [with summary in English] R.O. Amirov Vop onk 8 no 2:7-12 '62

Direct and indirect methods in selecting antitumor antibiotics. E.G. Toropova Antibiotiki 7 no 1:90-94 Ja '62

Ethymidine in the treatment of neglected cases of female genital cancer [with summary in English]. A.I. Brodskii. Vop. onk. 8 no. 2 64-68 '62.

CZECHOSLOVAKIA—ACCOUNTING

Accounting in enterprises of the Czechoslovak Socialist Republic. S. Tatur. Bukhg. uchet 10 no. 1:71-75 Ja '62.

CZECHOSLOVAKIA—AIRPLANES—MODELS

Nomogram of Czechoslovakian model builders. Kryl. rod. 13 no. 1 25 Ja '62.

CZECHOSLOVAKIA—BIBLIOGRAPHY

[New literature on European people's democracies and Slavic studies: Czechoslovakia.] Nov. lit. po evrop. stran, nar. dem. i slav. ; Chekh. no. 12 '60.

CZECHOSLOVAKIA—CHILDREN—MANAGEMENT

Experience of our Czechoslovakian friends. G. Kasvin. Sem'ia i shkola 17 no. 1:32 Ja '62.

CZECHOSLOVAKIA—COAL MINING MACHINERY

Experimental operation of a narrow-range cutter-loader with a drum-type working member and further improvement of its design. C. Jupa. Ugol' 37 no. 1:57-61 Ja '62.

CZECHOSLOVAKIA—COMMUNIST PARTY

Efforts of the Communist Party of Czechoslovakia to win the support of the majority of Czechoslovak workers in 1930-1932. F. I. Firsov. Uch. zap. Mosk. gor. ped. inst. 93:3-31 '59

CZECHOSLOVAKIA—CONSTRUCTION INDUSTRY

Czechoslovakia is building. P. F. Bakuma, O. M. Knaflianov, M. I. Medvedev. Vianyk ABIA URSR no. 4:59-63 '61.

CZECHOSLOVAKIA—CRIMINAL LAW

"Basic principles of the criminal law of the Czechoslovak Republic" by M. A. Gel'fer. Reviewed by V. Soinar. Sov. gos. i pravo no. 2:132-136 F '57.

CZECHOSLOVAKIA—FINANCE

Financial planning in the industry of Czechoslovakia. J. Branik. Fin. SSSR. 23 no. 1:84-92 Ja '62.

CZECHOSLOVAKIA—HISTORY

"Czechoslovak history" [in Czech] by Václav Husa. Reviewed by I. S. Dziubko. Ukr. ist. zhur. 6 no. 2:131-132 *Mr-Ap '62.*

CZECHOSLOVAKIA—INDUSTRIAL HYGIENE

News from abroad. Okhr. truda i sots. strakh. 5 no. 2: 47 F '62.

CZECHOSLOVAKIA—MACHINERY INDUSTRY

Condition of standardization in machinery manufacturing production in Czechoslovakia. V. I. Fionin. Nauch. trudy MIEI no. 16:47-51 '61.

CZECHOSLOVAKIA—MINING ENGINEERING

Roof caving without the use of battery stulls in Ostrava-Karvina Basin mines and possibility of using this *method* in the Donets Basin mines. V. P. Trofimov, E. T. Prolavkin. Ugol' Ukr. 6 no. 1:42-44 Ja '62.

CZECHOSLOVAKIA—MOTION-PICTURE PLAYS

Successes and problems of Czechoslovak motion pictures. Miloš Fiala. Iek. kino no 2:167-171 F '62.

CZECHOSLOVAKIA—MOTOR VEHICLES

Special purpose Tatra motor vehicles Avt transp. 40 no. 3 57 Mr '62.

CZECHOSLOVAKIA—OPEN-HEARTH PROCESS

Hydrogen content in steel made in basic open-hearth furnaces [from "Hutnicke Listy," no 8, 1960, "Iron and Coal Trades Review," no 4850, no. 4851, 1961] I.S. Roginskii Stal' 22 no 2 127 F '62

CZECHOSLOVAKIA—RAILROADS—CARS

Zivný, Karol. [Electric heating of trains. Translated from the Czech] Elektricheskoe otoplenie zheleznodorozhnykh sostavov. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1961, 54 p.

CZECHOSLOVAKIA—RELATIONS (GENERAL) WITH RUSSIA

Friendship is not hindered by distance. V. Bogatov. Za rul' 20 no. 1-2 Ja '62

CZECHOSLOVAKIA—RURAL LIBRARIES

Rural library. Jaroslav Frey. Bibliotekoved. i bibl. za rub. no. 8:87-123 '61.

CZECHOSLOVAKIA—SERVICE INDUSTRIES

Developing several types of service industries in the Czechoslovak Socialist Republic. T. Tkacheva. Biul. nauch inform. trud i zar. plata 5 no. 2:51-54 '62.

CZECHOSLOVAKIA—TEACHING

Pedagogical lectures in Czechoslovakia Frantisek Auerswald. *Nar obr. no 2 107-108 F '62.*

CZECHOSLOVAKIA—TRUCK TRAILERS

New Czechoslovakian trailers. Avt. transp. 40 no. 3 *56 Mr '62.*

CZECHOSLOVAKIA—WORLD WAR, 1939-1945

"Russian help to the Czechoslovak people" [in Czech] by Cestmir Amort. Reviewed by I. A. Peters. Ukr. ist. zhur 6 no 1 136-139 Ja-F '62

DDT (INSECTICIDE)

Brief account of results of the investigation of some fruit pests E. P. Sidorovnina. Trudy AzSTAZRa 1:90-98 '60.

Economic evaluation of measures for protecting orchards against fruit moths and scab. S. G. Abdullaev, T. D. Zakhrapina Trudy AzSTAZRa 1:91-98 '60

Synthesis of alkoxymethylalkyl esters of 2, 2, 2-trichloroethanediol. Shamkhal Mamedov, F. Gadzhizade. Dokl. *AN Azerb. SSR* 17 no. 11:1023-1026 '61.

Use of aerosols of DDT for control of rat fleas in living areas. V. T. Ostipian, V. B. Kazhdan. Voen.-med zhur no. 8:52-55 Ag '61

DAGHESTAN—AGRICULTURAL WAGES

Wages on Daghestan collective farms. IU. Rabaev. Ekon. sel'khoz. 32 no. 12:64-68 D '61.

DAGHESTAN—BOOKSELLERS AND BOOKSELLING

Exploit success. B. Abullaev. Sov. knizh. torg. 15 no 2: 19-20 F '62.

DAGHESTAN—ETHNOLOGY

Anthropological composition of the population of Daghestan in the Alano-Khazar period. N. N. Miklashevskaia. Vop. antr. no. 5:114-121 '60.

DAGHESTAN—LIBRARY CONFERENCES

What a conference showed us. T. Zatekina. Bibliotekar' no. 3:10-12 Mr '62.

DAGHESTAN—OIL WELL PUMPS

Device for holding oil in pipes and preventing pumps from breaking loose. A.B. Erbolatov. Neftianik 7 no. 1:17 Ja '62.

DAGHESTAN—PASTURES AND MEADOWS

Organization of seasonal winter pastures in the mountain collective farms of Daghestan. A. T. Konakbiev. Trudy MIIZ no. 8:117-125 '60.

DAGHESTAN—POLITICS AND GOVERNMENT

Daghestan A.S.S.R. Verkhovnyi Sovet. [The 40th anniversary of Soviet Daghestan; materials of the solemn session of the Supreme Soviet of the Daghestan A.S.S.R. August 20, 1960] Sovetskomu Dagestanu 40 let; materialy iubileinoi sessii Verkhovnogo Soveta Dagestanskoi ASSR, 20 avgusta 1960 goda. Makhachkala, Dagestanskoe knizhnoe izd-vo, 1961. 102 p.

DAGHESTAN—SIDERITE

Conditions of the formation of iron ore concentrations in diagenesis. Z.V. Timofeeva. Dokl. AN SSSR 140 no. 5:1170-1173 O '61.

DAGHESTAN—SOCIALIST COMPETITION

Makhsutov, D. A. [Lighthouses in the steppe] Maiaki v stepi. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 19 p. (Tebe, Rodina, nash trud!)

DAGHESTAN—TREES

Introduction of tree species in the lowlands of Daghestan. A. A. Lopakhina. Bot. zhur. 46 no. 11:1696-1699 N '61.

HESTAN—WATER, UNDERGROUND
dy of organic matter in underground waters of the aghestan A. S. S. R E. L. Bykova Vop. gidrogeol. i zh geol. no. 19;153-162 '61

HESTAN—WOODY PLANTS
roduction of trees and shrubs in the Daghestan .S.S.R A. A Lepikhina Biul Glav bot. sada .41 3-11 '61

HESTAN—WOOL
khautov, D. A. [Lighthouses in the steppe] Malaki stepi. Moskva, Izd-vo "Sovetskaia Rossiia," 1961 p. (Tebe, Rodina, nash trud!)

I BAY—GEYSERS
ters of the Dagi geysers on Sakhalin; formation of the hemical composition of calcium chloride waters .D. TSitenko, Trudy VNIGRI no 181;203-212 '61.

I BAY—MUD VOLCANOES
d volcanoes in the Dagi region of Sakhalin. N. D. Sitenko. Trudy VNIGRI no. 181;171-175 '61.

OMEY
lef notes about new states, Ghana and Dahomey. ezhdunar. zhizn' 8 no. 4:152-155 Ap '62.

Y CATTLE
anisian, S. I., [How the "Gorki Leninskie" Experimental arm built a cattle herd producing much milk with a gh butterfat content] Kak bylo sozdano vysokoproduktiv- e zhirnomolochnoe stado kupnogo rogatogo skota v orkakh Leninskikh." Moskva, Izd-vo "Znanie," 1961. p (Vsesoiuznoe obshchestvo po rasprostraneniiu liticheskikh i nauchnykh znanii. Ser. 6, Sel'skoe ozialstvo, nos. 23-24)

YING see subdivision under Ivanovo Province; alinkovichi District; Minsk Province; Mogilev strict; Pavlograd Province; Sumy Province, Vetka strict

YING—MANAGEMENT
nization of work under shortened workdays in dairy- . S. V. Vlazovskii. Dokl I soob. VNIESKII no. 11; 199 '61.

R REGION—PLANKTON
litative and quantitative characteristics of plankton the Dakar and Takoradi fishery areas according the materials of 1956-1959. G. B. Semenova. Trudy tNIRO no. 7 34-37 '61.

R REGION—SARDINE FISHERIES
e problems of the biology and fishing of Sardinella rita in the Takoradi and Dakar regions. E. S. Pro- ov, O. G. Riabkov Trudy BaltNIRO no. 7:3-16 '.

LATOVO—HOUSING FOR PHYSICALLY HANDI- PPED
ire building own home. V. Kalvosheev. Sots. obesp. no. 2:33-34 F '62.

ficial filling in of the head race during the building riod. B. A. Kantor. Gidr. stroi. 32 no. 12;39 D '61.

ulation of filtration in earth dams with a discontinu- s arrangement of drainage structures [with summary English]. O. IA Olinyk Dop. AN URSR no. 1: 36 '62

ing calculations for a frozen core allowing for a nge in the temperature of the heat transfer medium different depths. S. M. Filippovskii. Gidr. stroi. no. 12;42-43 D '61.

hno-tekhnicheskoe soveshchanie po arochnym tinam, Moscow, 1959. [Arch dams; transactions] ochnye ploiny; trudy. Pod obshchei red. A. A. 'ovogo. Moskva, Gos. energ. izd-vo, 1961. 192 p.

ise calculation of earth dams with low-percolation stic screens on an impervious foundation [with sum- ry in English, p. 73]. V. F. Kondrat'iev. Visnyk IA URSR no. 4;31-36 '61.

lems in the static and dynamic design of arched ns. V. K. Kabulov. Izv. AN Uz. SSR, Ser. tekh. nauk o. 1;26-37 '62.

age in the foundation and in the joints of a spillway n. V. P. Semizorov. Gidr. stroi. 32 no. 12;40-41 '61.

s of water and temperature cycles in an earth dam porting a road. I. A. Nisoch. Izv. vys. uchob. zav. i ol. i arkhit. 4 no. 8;126-134 '61.

ING see subdivision under White Russia

LEVS'KYI, VIKTOR VASYL'OVYCH, 1898-1960
Danylevs'kyi; obituary. P. I. Ilnyp. Nar. z ist. tekh. 7;126-130 '61.

INISM see Evolution

AL GORGE—PETROLOGY
tz-hornblende-plagioclase veins of the Dar'yal go. D. M. Shengelia. Soob. AN Gruz. SSR 27 5;591-597 D '61.

DARZENS REACTION
Use of methyl dichloroacetate in the Darzens reaction. V. F. Martynov, M. I Titov. Zhur. ob khim 32 no. 1 319-320 Ja '62.

DATOLITE
Find of datolite in a skarn iron ore deposit. A. K. IAkovleva. Izv. vys. ucheb. zav. geol i razv. 4 no 11;54-60 N '61

DAUTI VALLEY—MINERAL WATERS
Formation of some mineral waters in the region of the central Caucasus. G. S. Ionovalov and others Gidrokhim. mat. 31;107-113 '61.

DAWROS, IRELAND—PERIDOTITE
Phase relationships in the peridotites of Dawros (Ireland) and Belhelvie (Scotland) A. A. Rotshtein. Izv. AN SSSR. Ser. geol. no. 3;69-86 Mr '61.

DAY NURSERIES
Hygiene instruction in day nurseries. S. A. Babadzhanova. Med. sestra 20 no 11;51-55 N '61.

DAYAKS see Dyaks

DEAD SEA SCROLLS
The Promised Land. J. Hanzelka, M. Zikmund. Vokrug sveta no 5,57-59 My '61.

DEAF—MEANS OF COMMUNICATION
Reproduction of a sound-syllable word structure by deaf children beginning the study of a language with dactylic speech. E. N. Martsinovskaia Dokl APN 5 no. 2;115-118 '61.

DEAF CHILDREN see Children, Deaf

DEAFNESS
Adaptation and fatigue of the ear in occupational deafness. A. G. Rakhmilevich. Uch. zap. Mosk nauch -issl inst. san. i gig. no. 7;107-110 '60.

Characteristics of occupational deafness in the case of combined effect of vibration and noise on the ear. A. G. Rakhmilevich. Uch. zap. Mosk. nauch -issl inst. san i gig. no. 7;101-106 '60.

Prolonged loss of vision and hearing in a child following tracheal obstruction by a foreign body I. T. Batiunin Vest otorin. no 4;95-97 '61

Significance of vibrations in industrial production in the pathogenesis of occupational deafness [with summary in English]. IA. S. Temkin, P. S. Kublanova. Zhur. ush nos. i gorl. bol. 20 no. 6;66-70 N-D '60.

DEATH, APPARENT
Changes in some components of blood coagulation in patients who have suffered massive hemorrhage or the terminal state E. P. Stepanian, E. M. Smirenskaia Grud. Khir. 4 no 1;41-48 Ja-F '62

Reflection of the terminal activity of the respiratory center on the electrogram of the medulla oblongata. A. M Gurvich. Fiziol. zhur. 48 no. 1,64-71 Ja '62.

DECARBOXYLASE
Amino acid decarboxylases in microbes of the Salmonella family. Report No. 2 [with summary in English]. M. O. Birger. Zhur. mikrobiol., epid i immun. 32 no 9;125-130 S '61.

DECOMPRESSION SICKNESS
Decompression sickness [with summary in French]. R. G Briantseva. Zhur. nevr. i psikh 61 no 6;860-861 '61.

DECORATION AND ORNAMENT, ARCHITECTURAL see subdivision under Ukraine

DEDOVSK—COMMUNITY CENTERS
Thousand cultural workers. M. Volovich. Kul't.-pros rab. 23 no. 1,17-20 Ja '62.

DEEP DRAWING (METALWORK)
Metal economy during the redrawing of strip. V. G. Kovalev. Kuz.-shtam. proizv. 4 no. 2;8-10 F '62.

DEEP-SEA DEPOSITS
(see also subdivision under Kara-Bogaz Gol (Gulf)
Conference on Modern Sea Sediments. A. P. Lisitsyn. Sov. geol. 5 no. 2;151-155 F '62.

Irregular distribution of oceanic deep-sea sediments. P. L. Bezrukov Okeanologiia 2 no. 1;9-25 '62.

DEEP-SEA FISHES see also subdivision 'Fishes, Deep-sea' under Pacific Ocean

DEFECTIVE HEARING IN CHILDREN
Acute neuritis during novembichine therapy of a child suffering from a hearing disorder. N. V. Velikorussova, L. N. Artemkina. Vest. otorin. no. 2;95-96 '62.

DEFECTIVE SPEECH see Speech, Disorders of

DEFENSE (MILITARY SCIENCE) see Attack and defense (Military science)

DEFENSES, NATIONAL see also subdivision 'Defenses' under Germany, East; Germany, West; Russia

DEFICIENCY DISEASES
Changes in the color sedimentation test of urine in children with severe, complicated hypotrophy during compound treatment and fully adequate nutrition V I. Chistiakova. Lab delo 8 no 2 51 F '62

Measures for the prevention of partial D-hypovitaminosis in subjects living under Arctic conditions during the period of a polar night [with summary in English] I M Kaikaitskii. Vop pit 21 no 1 45-48 Ja-F '62

DEFOLIATION see subdivision under Uzbekistan

DEFORMATIONS (MECHANICS)
Bulging effect on the surface of a plastic medium due to the pressing-in of a ball L A Konstantinova. Issl. po uprug. i plast no. 1 162-164 '61.

Calculation of continuous beams from prestressed reinforced concrete taking into account deformations caused by the creep of concrete. G V. Kiziriia Soob AN Gruz. SSR 27 no 6;721-726 D '61.

Comparison of structural changes in nickel caused by deformation at 4.2° and 300° K and subsequent creep. I. A. Gindin, V. V. Kozinets, IA. D Starodubov. Fiz. tver tela 4 no. 2 165-169 F '62.

Design diagrams for the dependance of the resistance to deformation on the time length and degree of deformation. L. B. Zlotin, M. Z. Ermanok. TSvet. met 35 no. 2;66-69 F '62.

Drop in the resistance of metal to deformation in forging large ingots. N. M. Zolotukhin, V. N. Kuz'mintsev Konstr. i tekh. mash. no. 1;203-207 '61.

Effect of low-temperature deformation on the subsequent aging in armco iron. N. N. Davidenkov, V. D. IAroshevich. Fiz. tver. tela 4 no. 1;8-13 Ja '62.

Effect of surface-active lubricants on deformations caused by friction in the case of both unilateral and alternating application of the force. V. D. Evdokimov. Dokl. AN SSSR 142 no. 2 322-325 Ja '62.

Effect of the deformation rate on the strength and plasticity of carbon steel when in contact with a melt of a fusible metal. M. I. Chaevskii, V. I. Likhtman. Dokl. AN SSSR 140 no. 5;1054-1057 O '61.

Effect of the intensity of changes in deformation resistance on the accuracy of cold planar gauging A I Maksimov, N. S. Kunitsa, A. N. Briukhanov Kuz.-shtam. proizv. 4 no. 2;5-8 F '62

Influence of elastic deformation on the magnetocaloric effect in the region of rotational fields. A. S Pakhomov. Vest. Mosk. un. Ser. 3: Fiz., astron. 17 no. 1;3-6 Ja-F '62.

Plane deformation of solids with a weak plastic anisotropy. M. S. Sarkisian. Issl. po uprug. i plast. no. 1 153-156 '61.

Relations between stresses and deformations in nonelastic media. A. A. Vakulenko. Issl. po uprug. i plast. no. 1 3-35 '61.

Resistance to wear of the surface layer under conditions of alternating shearing deformations in the case of sliding friction V. D. Evdokimov. Dokl AN SSSR 143 no. 1,81-86 Mr '62.

Reversibility of cracks in glass. V. M. Finkel', I A. Kutkin. Dokl AN SSSR 143 no 1 90-91 Mr '62.

Specific metal pressure on rolls during the hot rolling of steel considering the speed and degree of deformation A. P. Chekmarev, V. I. Prokof'ev. Trudy Inst. chern. met. AN URSR 15;3-11 '61.

Speed of deformation during rolling. A. P. Chekmarev, V. I. Prokof'ev. Trudy Inst. chern. met. AN URSR 15; 12-15 '61.

Stability of compressed bulb bar flanges. B. M. Broude. Trudy TSNIISK no. 4;35-43 '61.

Stress variation in the surface layer of cyclically deformed steel under the action of melts of fusible metals. M. I. Chaevskii Dokl. AN SSSR 142 no. 6;1294-1297 F '62.

Study of the fine crystalline structure in deformed rhenium. I. N. Frantsevich, I. E. Shilanovskaia. Dokl. AN SSSR 142 no 6.1291-1293 F '62.

Theoretical connection between the hardness of steel and its resistance to plastic deformation. M. S. Drozd. Izv. vys. ucheb. zav. ichern. met. 5 no. 1;147-150 '62

Theory of the deformation of metals at high temperatures. G. F. Lepin. Konstr. i tekh. mash. no. 1;228-242 '61.

Total and unit pressure in rolling with cut grooves. A. P. Chekmarev, V. M. Klimenko. Trudy Inst. chern met. AN URSR 15;83-108 '61.

Transcritical deformations of cylindrical shells in torsion. A. V. Pogorelov. Dokl. AN SSSR 142 no. 2;302-303 Ja '62.

Two-term friction law. I. V. Kragel'skii. Dokl. AN SSSR 140 no. 5;1048-1050 O '61.

X-ray diffraction study of the initial stage of plastic deformation of polycrystalline metals. D. M. Vasil'ev, N. M. Dobrodeeva. Fiz. tver. tela 4 no. 1;140-147 Ja '62.

DEGREES, ACADEMIC
Dissertations defended in the Institute of the Theory and History of Pedagogics of the Academy of Pedagogical Sciences of the R. S. F. S. R. V. Grigor'ev. Sov. pedag. 26 no. 1;154-157 Ja '62.

DEHORNING
Dehorning calves at an early age. L. I. TSelishchev. Veterinariia 39 no. 1:57-58 Ja '62

DEHYDRASES
Dehydrase activity in the mitochondria of nerve terminations in the region of the synapses of the inner ear of vertebrates. IA. A. Vinnikov, L. K. Titova. Dokl. AN SSSR 142 no. 2:484-487 Ja '62.
Localization of dehydrases in olfactory cells of vertebrates. A. A. Bronshtein. Dokl. AN SSSR 142 no. 1:936-939 F '62

DEHYDRATION
Dehydration of primary dodecyl alcohol over magnesium sulfate. I. Spitsyn, I. D. Mikhailenko, G. N. Pirogova. Dokl. AN SSSR 140 no. 5:1090-1092 O '61.
Dehydration of trimethylcarbinol on ion exchange resins. M. IA. Klimenko, Z. N. Verkhovskaia, L. B. Vystavkina. Neftekhimiia 1 no. 5:630-638 S-O '61.
Inhibition of surface reactions on catalysts and the mobility of adsorbed molecules. V. E. Vasserberg, A. A. Balandin, T. V. Georgievskaia. Dokl. AN SSSR 140 no. 5:1110-1113 O '61

DEHYDRATION (CHEMISTRY)
Cation exchangers as catalysts in the dehydration of tert-amyl alcohol. S. M. Markevich, N. G. Polianskii, N. L. Potudina. Neftekhimiia 1 no. 2:230-234 Mr-Ap '61

DEHYDROGENASE
Dehydrogenase, catalase and peroxidase activity of staphylococcal cultures with acquired resistance to antibiotics from the neomycin group [with summary in English]. A. F. Moroz. Antibiotiki 7 no. 2:143-150 F '62.

DEHYDROGENATION
Catalytic activity of birchwood carbon in the reaction of cyclohexane dehydrogenation. N. I. Shuikin, T. I. Naryshkina. Izv. AN SSSR. Otd. khim. nauk no. 2:320-324 F '62
Catalytic contact transformations of cyclohexane and methylcyclohexane in the presence of a natural glauconite catalyst. V. I. Kvitkovskii. Soob. AN Gruz. SSR 27 no. 6:671-678 D '61.
Catalytic dehydrogenation of ethyl benzene into styrene. O. K. Bogdanova and others. Neftekhimiia 1 no. 2:195-200 Mr-Ap '61
Kinetics of dehydrogenation of C_6 - C_8 alkanes on an alumina-chromium catalyst. Al. A. Petrov. Neftekhimiia 1 no. 5:604-609 S-O '61
Kinetics of the dehydrogenation of hexanes on alumina-chromium oxide catalysts. Al. A. Petrov. Neftekhimiia 1 no. 1:33-38 Ja-F '61

DEINEKA, ALEKSANDR ALEKSANDROVICH, 1899-
Deineka, A. [From my work practices] Iz moei rabochei praktiki. Moskva, Izd-vo Akad. khudozh. SSSR, 1961. 76 p. illus.

DELAY LINES
Delay line with distributed constants for pulse circuits with a nanosecond band. V. A. Solov'ev. Radiotekhnika 17 no. 1:22-31 Ja '62.
Znamenskii, A. E. [Controlled artificial lines] Reguliruemye iskusstvennye linii. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1961. 51 p. (Lektsii po tekhnike sviazi)

DELHI—DESCRIPTION
Story of a street. Il'ia Suchkov. Az. i Afr. seg. no. 2:44-45 F '62.

DELIRIUM
Development of delirium in persons becoming mentally ill as a debut to the schizophrenic process. F. F. Dentegof. Probl. sud. psikh. 9:150-156 '61.
Psychogenic development of delirium caused by an organic brain disease. V. P. Dubova. Probl. sud. psikh. 9 198-201 '61.

DELIVERY OF GOODS
Method for determining the optimum size of deliveries. I. Ostpovich. Fin. SSSR 23 no. 2:42-49 F '62.
More on payments in the centralized delivery of goods. I. Nikolaev. Bukhg. uchet 18 no. 1:32-33 Ja '62

DELIVERY OF GOODS (LAW)
Answering our readers' questions. Sov. iust. no. 3:24 F '62
Decisions of arbitration agencies. Sov. iust. no. 3:31 F '62.
Decisions of arbitration agencies. Sov. iust. no. 4:32 F '62.
Let's improve procedure in receiving the delivered goods. B. Moiseev. Sov. iust. no. 2:22-24 Ja '62.
We should change the procedure in the receipt of goods. Sov. iust. no. 4:26-28 F '62.
We should change the rules governing the receipt of goods. I. Duel', I. Romanik, A. Prytkov. Sov. iust. no. 3:20-21 F '62.

DELUSIONS see Hallucinations and illusions

DEMENTIA PRAECOX see Schizophrenia

DEMOCRACY IN EDUCATION see Self-government (in education)

DEMOGRAPHY
Discourses on the propagation and preservation of the Russian people by M. V. Lomonosov. E. D. Zabludovskaia. Pediatriia 41 no. 3:71-81 '62

DENATURED ALCOHOL see Alcohol, Denatured

DENDROCHRONOLOGY
(see also subdivision under Novgorod)
Principles and methods of dendrochronology. V. E. Vikhrov, B. A. Kolchin. Sov. arkheol. 6 no. 1:95-112 '62
Relation between long-range cyclic variations of hydrological, meteorological, and biological factors and the variations of solar activity. V. I. Duginov. Sbor. lab. po gidrol. no. 2:87-102 '61.

DENSITOMETERS
The PZhK-1 pneumatic compensation densitometer for liquids. V. A. Puginskii. Priborostroenie no. 2:26-27 F '62

DENTAL INSTRUMENTS AND APPARATUS
Small-sized cabinet for dentists. E. S. Reshetov. Voen.-med. zhur. no. 8:88 Ag '61.

DENTAL NERVES see Nerves, Dental

DENTAL PROSTHESIS
Antibiotics in combination with orthopedic measures in the treatment of pyorrhea alveolaris. M. R. Matei. Probl. stom. 5:87-91 '60.
Bar-type prosthesis with fixators in pyorrhea alveolaris involving the lower frontal teeth. S. P. Mudryi, A. I. Marchenko. Probl. stom. 5:101-103 '60.
Effect of dental prostheses on the improvement of speech. Z. F. Vasilevskaia. Probl. stom. 5:342-352 '60
Functional value of partial removable dental plates depending on the method of fixation - clamps, pressure pads, bridge. V. I. Shilov. Med. zhur. Uzb. no. 12:60-63 D '61
Indications and methods for preparing cast steel half-cap crowns in undetachable prostheses. A. A. Kotliar. Probl. stom. 5:336-341 '60.
Splinting of mobile teeth in pyorrhea alveolaris. A. D. Mukhina, T. V. Sharova. Probl. stom. 5:110-113 '60
Use of dental bridges in pyorrhea alveolaris. V. S. Kurilenko. Probl. stom. 5:92-95 '60.
Use of lightweight detachable prostheses in pyorrhea alveolaris. N. A. Dobytko. Probl. stom. 5:96-100 '60

DENTAL SURGERY see Dentistry, Operative

DENTAL THERAPEUTICS see Therapeutics, Dental

DENTALIDAE, FOSSIL see subdivision under Volyn-Podolian Upland

DENTISTRY—METALLURGY
Indications and methods for preparing cast steel half-cap crowns in undetachable prostheses. A. A. Kotliar. Probl. stom. 5:336-341 '60.

DENTISTRY, OPERATIVE
Changes in the dental pulp under fillings of AKR-7 plastic. L. S. IAvorskaia, A. I. Marchenko, O. V. Petrova. Probl. stom. 5:169-174 '60.
Degree to which curettage of a periapical inflammatory focus is necessary following extraction of a tooth in periapical chronic periodontitis. S. N. Vatsbiat. Probl. stom. 5:205-207 '60.
Late results of treating chronic periodontitis by filling the root canals with phosphate cement. M. A. Bil'dukevich. Probl. stom. 5:201-204 '60.

DENTITION
Change in the form and dimensions of the dental arch and corona dentis in the permanent bite in children. IU. M. Aleksandrova. Probl. stom. 5:328-329 '60.

DEPARTMENT STORES see subdivision under Moreo; Zaysan

DEPRESSION, MENTAL
Aminazine therapy in involutional depression. K. I. Karpman. Zdrav. Bel. 7 no. 6:39-41 Je '61.

DEPRESSIONS
Panova, L. T. [Economic crises] Ekonomicheskie krizisy. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 47 p.

DERMATITIS see Skin—Diseases

DERMATOGLYPHICS
Dermatoglyphics of some northeastern peoples of the U. S. S. R. (the Mansi and Komi). T. D. Gladkova. Vop. antr. no. 6:100-112 '61.

DERMATOLOGY see subdivision under Kazakhstan

DERMATOLOGY—BIBLIOGRAPHY see Bibliography—Dermatology

DERMATOLOGY—CONGRESSES
Fifth All-Union Dermatovenereological Congress. U. M. Mirakhmedov. Med. zhur. Uzb. no. 3:76-77 Mr '60

DERMATOMYCOSIS
(see also subdivision under Kazan, Semipalatinsk)
Arievich, A. M., and G. N. Pershin, eds. [Epilin in the treatment of dermatomycosis of the scalp] Epilin v terapii dermatomikozov volosistoi chasti golovy. Moskva, Medgiz, 1961. 130 p. (DNLM)
Occupational dermatomycoses in agriculture. I. Khmel' I. Bukhval'd. Vest. derm. i ven. no. 2:8-14 '62.
Organizing control for decreasing the morbidity from epidermophytosis in the coal mines. A. A. Galler, V. IA. Nekachalov. Vest. derm. i ven. no. 2:61-66 '62.
Role of soil in the epizootology and epidemiology of dermatomycoses. Z. G. Stepanishcheva. Veterinariia 39 no. 1:69-72 Ja '62.
Treating trichomycosis with a 4-percent epilin ointment. L. A. Slonimskii, V. N. Matveev, V. S. Sagatov. Med. zhur. Uzb. no. 9:17-20 S '61

DERMATOPHYTES
Prevention of epidermophytosis among replacements. V. G. Leites, M. I. Raiz, A. A. IAkovleva. Voen.-med. zhur. no. 8:72-74 Ag '61
Some current problems in controlling epidermophytosis of the foot. IU. IA. Ashmarin. Voen.-med. zhur. no. 8:42-46 Ag '61
Treatment of patients with epidermophytosis of the foot under hospital conditions. V. M. Leshchenko. Voen.-med. zhur. no. 8:69-72 Ag '61
Wooden sandals for preventing epidermophytosis. P. I. Gedoian. Voen.-med. zhur. no. 8:79 Ag '61

DERMATOSCLEROSIS see Scleroderma

DERMATOVENEREOLOGICAL SOCIETIES see subdivision under Semipalatinsk

DESCHAMPSIA see subdivision under Chernogora Range

DESERT FLORA
(see also subdivision under Dzhanybek region)
Studying conditions of desert pastures in Zeravshan by the method of determining the age composition of the population of dominant desert species. K. V. Stanitskovich, A. Sh. Shukurov. Izv. Otd. est'kho. i biol. nauk AN Tadzh. SSR no. 3:15-19 '61.

DESNIAK, OLEKSA, 1909-1942
Senchuk, I. V. Oleksa Desniak. Kyiv, 1961. 45 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 8, no. 17)

DESORPTION
Effect of the electric double layer structure on electrochemical desorption. I. A. Bagotskaia. Dokl. AN SSSR 142 no. 5:1105-1107 F '62.

DESOXYCORTICOSTERONE see Corticosterone

DESOXYRIBONUCLEIC ACID
Comparative effectiveness of direct and indirect action of ionizing radiation on desoxyribonucleic acid. M. L. Mekshenkov. Dokl. AN SSSR 142 no. 4:944-947 F '62.
Composition of desoxyribonucleic acid in the bacteria of rodent plague and pseudotuberculosis. M. L. Bekker, A. Z. Kutsemakina, R. S. Mikhailova. Dokl. AN SSSR 142 no. 5:1186-1189 F '62.
Effect of whole-body X irradiation on the concentration, composition, and structural viscosity of desoxyribonucleic acid in the brain of baby rabbits [with summary in English]. G. S. Vataadze, M. E. Kukulia. Trudy Inst. fiziol. AN Gruz. SSR 12:193-199 '61.

DESTROYERS (WARSHIPS)
Destroyer at sea. [Photographs] K. Kulichenko. Voen. znan. 38 no. 2:11 F '62.

DESTRUCTIVE DISTILLATION see Distillation, Destructive

DESULFURATION
Kinetics of the desulfuration of liquid iron. V. A. Grigorian. Izv. vys. ucheb. zav.; chern. met. 5 no. 1:33-40 '62.

DETONATION
Certain characteristics of detonation excitation in small density charges. A. I. Gol'binder, L. M. Svetlova. Dokl. AN SSSR 142 no. 2:389-391 Ja '62.

DETONATORS
Coupling sleeves for wires of electric detonators. P. V. Troshin, P. I. Lenkin. Vzryv. delo no. 17/4:128-131 '61.
In the State Mine Inspection of the R. S. F. S. R. Bezop. truda v prom. 6 no. 2:39 F '62.

DEUTERIUM—ANALYSIS
Refractometric determination of deuterium in organic compounds [with summary in English]. G. G. Petukhov, T. V. Guseva. Zhur. anal. khim. 17 no. 1:140-141 Ja-F '62.

DEUTERIUM COMPOUNDS

Deuterium exchange between aromatic hydrocarbons and liquid deuterium chloride A. I. Kitova, IA. M. Varshavskii Dokl AN SSSR 112 no 5:1112-1115 F '62

DEUTERIUM COMPOUNDS—THERMAL PROPERTIES

Isotopic effect in the heat capacity of certain deuterium compounds. I B Rabinovich, P. N. Nikolaev Dokl. AN SSSR 142 no. 6 1335-1336 F '62

DEWEY, JOHN, 1859-1952

Grosser, Paul K [The nihilism of John Dewey. Translated from the English] Nigilizm Dzhona D'iui. Predislovie i obshchaia red. L. A Shershenko Moskva, Izd-vo inostr. lit-ry, 1958 285 p (NN)

Social meaning of Dewey's pragmatic aesthetics (to be concluded). Sidney Finkelstein. Vop filos. 16 no 3: 91-103 '62

DEXTRAN—PHYSIOLOGICAL EFFECT

Action of polyglucin on the heart and the hemodynamics during plethoric transfusion and during acute hemorrhage [with summary in English] I. B. Gurevich, V. B Korimer. Arkh pat no 2:42-49 '62

DEXTRIN

Unfermented sugars and dextrines from grain and molasses wort. V A Vitkovskaia, A. G Zabrodskii Izv vys ucheb zav , pishch tekh no. 6 37-41 '61

DIABETES

Data on the study of drugs used in Chinese popular medicine for treating hypertension, nephritis, diabetes and cancer. Report No 2 G. K. Nikonov and others Apt. delo 10 no. 6,73-78 N-D '61

Dependence of excitation and inhibition processes in the cerebral cortex in dogs in experimental diabetes. A M. Manita. Zdravookhranenie 4 no 6,31-37 N-D '61.

Effect of some neurotropic substances on the effectiveness of insulin therapy in diabetes mellitus I. S. Frumchenkova. Terap arkh no 9,89-91 '61

Role of Sokol'skii-Bouillaud's disease in the etiopathogenesis of diabetes (in Azerbaijani with summary in Russian). T. G. Khalafov. Azerb. med zhur. no 8, 29-35 Ag '61.

Some metabolic disorders in diabetes mellitus and their dynamics during compound treatment [with summary in English] M N Egorov Vop pit. 21 no 1 3-9 Ja-F '62

Surgical treatment of adenomas of the prostatic gland in diabetes mellitus. A. I. Kiselev. Med zhur. Uzb no 11: 59-60 N '61.

Treatment of diabetes with long-action insulin and sulfanilamide preparations M. I. Dashkevich Zdrav. Bel 7 no. 6:37-39 Je '61.

DIAGNOSIS—PSYCHOLOGICAL ASPECTS

Speech as a therapeutic factor and as a source of iatrogenic diseases S. A. Khairkov. Med sestra 20 no. 11 35-37 N '61

DIAGNOSIS, CYTOLOGIC

Clinical significance of cytological studies in diagnosing lung cancer S. I. IArchevskaia Nov khir. arkh. no 2: 10-16 '62.

Cytology of experimental nephritis. G. I. Naumova. Vest. AMN SSSR 16 no. 12:24-33 '61

Practical value of studies in puncture cytology in the diagnosis of cancer of the mammary gland. E. G. Shneider. Nov khir. arkh. no. 1:89-94 Jl-Ag '60

Use of the method of "skin windows" for studying the cytomorphology of inflammatory exudate A. I. Shchurenkova. Lab. delo 8 no 2 46-47 F '62.

DIAGNOSIS, DIFFERENTIAL

Role of X-ray investigations in the differential diagnosis of splenomegaly of various origins [with summary in English] L. Z. Novikova. Vest. rent. i rad. 36 no. 4. 31-39 Jl-Ag '61.

DIAGNOSIS, FLUOROSCOPIC

Detecting cancer of the lung by the method of large-image fluorography E. P. Barannik, V. B. Maiskii, N.IU.Khanina Probl. tub. no 2 96-99 '62.

DIAGNOSIS, RADIOSCOPIC

Diagnostic value of an immediate X-ray examination in profuse gastroduodenal hemorrhages [with summary in English] Nguen Tkin Ko and others. Vest rent. i rad 36 no. 4, 39-42 Jl-Ag '61.

Differential X-ray diagnosis of malignant and benign breast tumors N N. Brazhnikov Vest rent. i rad. 36 no 6 45-47 N-D '61.

Radioscopic investigation methods in exudative pleurisy. N. P. Negovskii, M. G. Vinner. Kaz. med. zhur. no. 4: 73-75 Jl-Ag '61.

Some data on the quality of scattered radiation during X-ray examinations [with summary in English] B. M. Aliev. Vest. rent. i rad. 36 no. 6, 34-38 N-D '61.

X-ray cinematography in X-ray diagnosis. Report No. 1 [with summary in English]. I. A. Shekhter, E. M. Kagan. Vest. rent. i rad. 36 no. 4:10-16 Jl-Ag '61.

X-ray diagnosis of lesions of the small intestine in lymphogranulomatosis. L. M. Savinykh. Med. zhur. Uzb. no. 12:77 D '61.

X-ray diagnosis of pulmonary emphysema in children [with summary in English] IA I. Shik Vest. rent i rad. 36 no. 6 11-16 N-D '61.

X-ray diagnosis of skeletal metastases of thyroid gland adenoma [with summary in English] A. L. Bogoslavskii. Vop onk 8 no 1:18-25 '62

DIALECTIC

Dialectics of the general and the individual in the category "practice" P P Chupin Nauch. dokl vys shkoly, filos nauki 5 no 1:80-87 '62

DIALECTICAL MATERIALISM

Connection between the chemistry courses and the fundamentals of political science L A TSvetkov. Prep ist v shkole 17 no 2 69-78 Mr-Ap '62

"Dialectics as logic" by P V. Kopnin Reviewed by A N Sheiko, B. V. P'iaskovskyi Dop AN URSR no 2 273-275 '62.

Karpov, M. M. [Dialectical materialism and natural science] Dialekticheskii materializm i estestvoznanie Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 46 p.

Markov, A. D. [A historical and philosophical introduction to the course "Dialectical and historical materialism"] Istoriko-filosofskie vvedenie k kursu "Dialekticheskii i istoricheskii materializm," Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1961. 422 p.

The physics of elementary particles in the light of V. I. Lenin's work "Materialism and Empiriocriticism" L. L. Miasnikov. Trudy LKI no. 30,91-99 '60

"Problems in dialectical materialism, the elements of dialectics." Reviewed by V. IA. Bliumberg and others. Vop. filos. 16 no. 2:168-172 '62.

Skvortsov, L. V. [V. I. Lenin on the unity of knowledge and practice] V. I. Lenin o edinstve poznaniia i praktiki. Pod red. M. T. Iovchuka. [Moskva] Izd-vo Mosk. univ., 1961. 168 p.

System of the dialectical materialism course. M. F Vorob'ev. Nauch. dokl. vys shkoly; filos. nauki 5 no 1. 144-148 '62

V. I. Lenin on party spirit in philosophy. M. F. Shmidt. Trudy MADI no 26:70-84 '60

V. I. Lenin's important work "The nature of militant materialism." V. Ivanov. Komm. Bel 36 no 3:56-59 Mr '62.

DIAMAGNETISM

Experimentally determinable electron density distribution in crystals and their diamagnetic susceptibility Dokl AN SSSR 142 no 6 1278-1281 F '62.

DIAMONDS

(see also subdivision under Yakutia)

All-Union Conference on the Geology of Diamond Deposits I. S. Rozhkov, B. G. Lutz Geol i geofiz. no 11 122-125 '61

Diamonds and prospects for finding kimberlites in the Ukraine. V. O. Ruzyts'kyi Geol zhur. 21 no. 6:94-96 '61

DIAPAUSE

Summer diapause and second hibernation of the Colorado beetle (Leptinotarsa decemlineata Say) in Transcaucasia. R. S. Ushatinskaia. Dokl. AN SSSR 140 no 5 1189-1191 O '61.

DIAPHORASE

Histochemical studies on diaphorase and succinic dehydrogenase in induced and transplanted hepatomas [with summary in English] N. T Raikhman. Vop. onk. 7 no. 7,28-34 '61.

DIAPHORITE see subdivision under Verkhoyansk Range

DIAPHRAGM—ABSCESS

Subdiaphragmatic abscess in children. L. I., Gol'dzand. Azerb. med. zhur. no. 8:63-65 Ag '61

DIAPHRAGM—HERNIA

Case of diaphragmatic hernia [in Azerbaijani] A. S. Khalilov Azerb. med zhur. no 11 56-57 N '61.

Hernias of the esophageal hiatus of the diaphragm [with summary in English]. M. P Gvozdev. Vest. khir no 2 29-35 '62.

Invagination of the esophagus in hernia of the esophageal hiatus of the diaphragm G. I Vainshtein Vest rent. i rad. 36 no 4 74-76 Jl-Ag '61.

Two observations of congenital right-sided hernia of the cupula the diaphragm in children. B. E. Marshevskii. Grud. khir. no. 5:115-117 '61.

DIAPHRAGM—SURGERY

Plastic repair of defects of the diaphragm using frozen pericardium [with summary in English]. P P. Kovalenko, G. P Eterila. Vest. khir no. 2 49-54 '62

DIAPHRAGM—WOUNDS AND INJURIES

Traumatic rupture of the pericardium and diaphragm in combination with multiple bone injuries E. F. Zobnin. Vest. khir. no 2 121 '62.

DIATHERMY

Role of short-wave diathermy in the compound treatment of pyorrhea alveolaris. Z. N. Sharaevskaia. Probl. stom. 5:82-86 '60.

DIATHESIS

Exudative diathesis. O. D. Kitaigorodskaia. Fel'd. i akush. 26 no. 11:54-56 N '61.

DIAZO COMPOUNDS

Pyrylium compounds having active methyl groups Part 2 Reaction of 2-methyl-4, 6-diphenylpyrylium chloride with diazo compounds. N V. Khromov-Borisov, L. A Gavrilova. Zhur. ob. khim 32 no 1 86-89 Ja '62

Reactions of aliphatic diazo compounds with unsaturated compounds Part 20 Reaction of ethyl diazoacetate with 1-phenylpropyne in the presence of copper sulfate. I A. Dzhakonov, M. I Komendantov Zhur. ob khim. 31 no 12:3881-3893 D '61

DIBASOL

Attenuation of the toxicity of preparations from the group of alkylating agents using dibasol [with summary in English] R. O Amirov Vop onk 8 no 2 7-12 '62.

Role of adaptation to low temperature and dibasol in increasing the resistance of mice to adverse factors. V. IA. Rusin Fiziol zhur 48 no 2 195-200 F '62.

DIBENZISOQUINOLINE

Investigations in the field of polycyclic compounds. Part 1. Reductive cleavage of 1, 4-disubstituted 6-arylamino-1', 9'-anthrapyridones in an alkaline medium V. A. Puchkov, T. N. Kurdiumova. Zhur. ob khim 32 no 2:638-644 F '62

DIBORANE

Addition of diborane to isoprene and synthesis of β-methyltetramethylenediboric acid. L. I Zakharkin, A I Kovredov. Izv. AN SSSR Otd khim. nauk no. 2 362-363 F '62

DICHLORO-DIPHENYL-TRICHLOROETHANE see DDT

DICHROISM

Experimental study of the circular dichroism and optical activity of sodium uranyl acetate single crystals M S Brodin, IA O. Dovgii. Opt. i spektr. 12 no 2:285-290 F '62.

DICKENS, CHARLES, 1812-1870

Charles Dickens. Nar. obr. no. 1:92 Ja '62.

Charles Dickens on English children IU Gerbcev Nar. obr no. 2 101-105 F '62

A great English writer. B. Mitskevich. Belarus' 19 no 2:26 F '62

He sincerely loved children.... N Fedorova. Sem'ia i shkola 17 no 2 35 F '62

DICOTYLEDONS see subdivision under Caucasus

DICTATORSHIP OF THE PROLETARIAT

How the program of the CPSU develops the Marxist-Leninist theory of the leadership of workers A M Kovalev. Nauch. dokl vys shkoly; filos. nauki 5 no 1: 12-23 '62

DIE CASTING

Operation and repair of die casting machines. M. D. Belostotskii. Lit proizv no 2:37-39 F '62

DIE CASTING—EQUIPMENT AND SUPPLIES

New lubricants for die-casting molds for casting aluminum parts E. A. Lebedev, V N Gudina. Avt. prom. 28 no 2 36-38 F '62

Universal block for molds. N. P. Starodub. Mashinostroitel' no. 2:25 F '62

DIELECTRIC CONSTANTS

Applicability of the dielectric constant as a characteristic of the interaction in solutions V V. Zelinskii, V P. Kolobkov. Dokl. AN SSSR 142 no. 6 1272-1275 F '62.

Thermocontroller for low temperatures [in Azerbaijani with summary in Russian]. L. M Imanov, IA. M. Abbasov. Izv. AN Azerb. SSR, Ser. fiz. -mat. i tekh nauk no. 5 79-82 '61.

DIELECTRICS

Disruptive discharge of dielectrics. I. G. Nekrashevich, I. A. Bakuto. Dokl AN BSSR 6 no 1 26-30 Ja '62.

Skanavi, G. I. [Dielectric polarization and losses in glass and ceramic materials with a high dielectric permeability] Dielektricheskaia poliarizatsiia i poteri v steklakh i keramicheskikh materialakh s vysokoi dielektricheskoi pronitsaemost'iu. Moskva, Gos. izd-energ. izd-vo, 1952. 174 p.

Study of the errors of approximation formulas for calculating the dielectric permeability measured by a resonance method. O V. Stoiakina. Trudy inst. Kom. stand., mer i izm. prib. no. 53 80-87 '61.

Volt-second characteristics and discharge delay in the breakdown of some solid dielectrics. M. N. Knashchaeva, N. M. Torbin. Izv. vys ucheb. zav. ,energ. 5 no 1: 24-29 Ja '62.

Vsesoiuznaia konferentsiia po fizike dielektrikov. 2d, Moscow, 1958 [Papers delivered at the Second All-Union Conference on the Physics of Dielectrics] Tezisy dokladov. Moskva, Izd-vo Akad. nauk SSSR, 1958. 90 p

DIELECTRICS, EFFECT OF RADIATION ON

Effect of gamma-radiation on the ferroelectric properties of guanidine aluminum sulfate crystals V A. IUrin, A. S. Baberkin, I. S. Zheludev Kristallografiia 7 no 1 117-120 Ja-F '62.

Effect of radiation on the properties of Rochelle salt in low electric fields. E. V. Peshikov, S. V. Starodubtsev Fiz. tver. tela 4 no. 1:238-245 Ja '62

DIENCEPHALON—DISEASES

Diencephalovegetative disorders following closed cerebral trauma R. P. Poltoratskii. Vrach. delo no. 1: 65-68 Ja '62

Unusual form of diencephalosis. Kh. K. Salakhutdinov. Med. zhur. Uzb. no. 2:57-59 F '60

DIENOPHILES

Chemical shift and activity of dienophile in the diene synthesis B. A. Arbuzov, A. L. Konovalov, IU. IU. Samitov. Dokl. AN SSSR 143 no. 1:109-110 Mr '62

DIES (METALWORKING)

Dies for trimming flats and dinking slots and holes. V. G. Kovalenko. Mashinostroenie no. 1 104-105 Ja-F '62

Effect of flash thickness on the productivity and wear of roller dies. N. A. Noga. Kuz.-shtam. proizv. 4 no. 2:16-20 F '62.

"Handbook on the manufacture of sheet metal working dies" by V. M. Anikin, IU. S. Lukashin. Reviewed by N. V. Potekushin and others. Kuz.-shtam. proizv. 4 no. 2:45-47 F '62.

Inserts for forging dies. N. A. Noga, L. N. Zhubr. Mashinostroenie no. 1 105-106 Ja-F '62

Meshcherin, V. T., and D. V. Charnko. [Technology of manufacturing forging and sheet metal working equipment] Tekhnologiia proizvodstva kuznechno-shtampovochnogo oborudovaniia i shtampovoi osnastki. Moskva, Mashgiz, 1961. 375 p.

New material for drawing dies. S. A. Vallev. Kuz.-shtam. proizv. 4 no. 2, 41-42 F '62

Pressure of a die on a transverse-isotropic layer [with summary in English]. D. V. Hrylyts'kyi. IA. M. Kizyma. Dop. AN URSR no. 1 26-30 '62.

Vedeneev, N. P., A. I. Volchenkov, and A. S. Novgorodov. [Hard-alloy engineering equipment, dies and press-molds] Tverdosplavnaia tekhnologicheskaia osnastka, shtampy i press-formy. Leningrad, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 119 p.

DIES (SCREW-CUTTING) see Taps and dies

DIESEL ELECTRIC POWER PLANTS

Mobile diesel electric power plant. F. IA. Potapov, G. P. Ponomarev. Elek. i tepl. tiaga 6 no. 2:42-43 F '62.

DIESEL ENGINES

Diesel electric tractors are rolling... A. Smirnitagina. Tekh. mol. 30 no. 1 20-21 '62.

Effect of the fuel injection advance angle on the performance indices of the D-75 engine. V. Sal'nikov. Tekh. v sel'khoz. 22 no. 2:58 F '62

Study of the effect of blowout on the thermal stresses in a four-cycle pressure-fed diesel engine. R. V. Kazachkov. Izv. vys. ucheb. zav.; energ. 5 no. 1:69-76 Ja '62.

Substantiation of a diesel engine conservation technique using marked atoms. B. S. Ivanov. Trakt. i sel'khozmash. 32 no. 2, 39-40 F '62.

DIESEL ENGINES—COLD WEATHER OPERATION

Starting operation of a tractor diesel engine in the winter. N. Meshkov. Tekh. v sel'khoz. 22 no. 2:53-55 F '62

DIESEL ENGINES—COOLING

Air cooled D37M engines. L. F. Malyi. Trakt. i sel'khozmash. 32 no. 2, 5-7 F '62.

DIESEL ENGINES—ELECTROMECHANICAL ANALOGIES

Studying the gas exchange process in a four-stroke diesel engine by means of the analogy method. M. G. Makhanko, Z. I. Kravets. Trudy MIIT no. 141 61-68 '61.

DIESEL ENGINES—FUEL SYSTEMS

Inspection and regulation of fuel systems A. N. Gurevich. Elek. i tepl. tiaga 6 no. 2:36-39 F '62.

Pavlov, B. V. [Use of electronic calculating machines for studying the fuel systems of diesel engines] Ispol'zovanie elektronnykh vychislitel'nykh mashin dlia issledovaniia toplivnykh sistem dizelei. Moskva, [illegible]

DIESEL ENGINES—TESTING

Some results of the study of the working performance of the D100 engine. V. I. Zinchenko. Energomashinostroenie 8 no. 3 7-13 Mr '62

Studying the heat transfer in the working cylinder of a diesel engine G. B. Rosenblit. Energomashinostroenie 8 no. 2 19-22 F '62.

DIESEL FUELS

Causes of the destruction of fine-wooled felt plates of fuel filters. G. P. Otkupshchikov, B. A. Englin. Khim. i tekh. topl. i masel 7 no. 3:56-57 Mr '62

Production of oil shale diesel fuel. B. E. Gurevich and others. Khim. i tekh. gor. slan. i prod. ikh. perer. no. 6 84-101 '60

DIESEL FUELS—TESTING

Studying the effect of products of combustion of distillation sulfurous fuels on the structural materials of gas turbines. B. V. Losikov and others. Energomashinostroenie 8 no. 2 34-37 F '62

DIESEL LOCOMOTIVES

(see also subdivision under Great Britain)

Arrangement and operation of the magnetic amplifier. M. I. Aronov, IU. N. Plutser-Sarno. Elek. i tepl. tiaga 6 no. 2:28-30 F '62

Contactless excitation regulator of the main generator of a diesel locomotive. V. D. Kuz'mich. Trudy MIIT no. 141 16-25 '61.

Control of the diesel-generator unit of a diesel locomotive. A. N. Kostiomin. Trudy MIIT no. 141:177-188 '61.

Expansion of the use of diesel traction in 1962. L. V. Bulankov. Elek. i tepl. tiaga 6 no. 2 1-2 F '62.

Isakov, V. M., and G. V. Kryzhanovskii. [Electrical networks of TEM1 and TEM2 diesel locomotives] Elektricheskie skhemy teplovozov TEM1 i TEM2. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenia, 1961. 73 p. (Bibliotechka mashinista teplovoza)

New thermoelectric diesel set V. S. Kartashev. Elek. i tepl. tiaga 6 no. 2 21 F '62

Selecting the efficient design of an air filter for the main generator of the TE3 diesel locomotive. V. D. Kuz'mich. Trudy MIIT no. 141:9-15 '61.

Studying the dynamics of the diesel-generator unit of a diesel locomotive. A. M. Kostiomin. Trudy MIIT no. 141:157-176 '61.

The TE12 freight diesel locomotive. A. E. Smol'taninov. Biul. tekh.-ekon. inform. no. 1:68-70 '62.

Ways to prevent the damage of generators A. R. Mushinskii. Elek. i tepl. tiaga 6 no. 2 17-19 F '62

DIESEL LOCOMOTIVES—BIBLIOGRAPHY see Bibliography—Diesel locomotives

DIESEL LOCOMOTIVES—COLD WEATHER OPERATION

(see also subdivision under Kazakhstan)

Heat losses in the oil and water systems of the TE2 diesel locomotive. V. P. Maksimov. Vest. TSNII MPS 21 no. 1:26-29 '62.

DIESEL LOCOMOTIVES—COOLING

Effect of the intensity of ventilation on the heating of the windings of electric traction machinery. V. D. Kuz'mich. Trudy MIIT no. 141:4-8 '61.

Improving the performance of the fan drive of diesel locomotives. N. I. Gorodetskii. Elek. i tepl. tiaga 6 no. 2 16-17 F '62.

DIESEL LOCOMOTIVES—DESIGN AND CONSTRUCTION

Improving the hydromechanical reduction gear of the TE3 diesel locomotive. A. L. Katsat, A. I. Beliaev. Elek. i tepl. tiaga 6 no. 2:5-6 F '62.

DIESEL LOCOMOTIVES—ELECTRIC EQUIPMENT

Eliminating the malfunctioning of the current limiting node. V. I. Fesiuk. Elek. i tepl. tiaga 6 no. 2 35 F '62

DIESEL LOCOMOTIVES—HYDRAULIC DRIVE

Studying the blading systems of hydraulic torque transformers with a centrifugal turbine and cylindrical blades. IA. B. Kudriavtsev. Trudy MIIT no. 141:69-100 '61.

DIESEL LOCOMOTIVES—INSPECTION

Russia (1923- U. S. S. R.) Glavnoe upravlenie po remontu podvizhnogo sostava i proizvodstvu zapasnykh chastei. [Technical instructions for checking the driving gears of electric trains and diesel locomotives] Tekhnicheskie ukazaniia po proverke zubchatykh koles tiagovykh peredach elektropodvizhnogo sostava i teplovozov. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenia, 1961. 91 p.

DIESEL LOCOMOTIVES—MAINTENANCE AND REPAIR

Astashev, G. K., and others. [Eliminating the malfunctioning of the TGM3 diesel switching locomotive] Ustranenie neispravnostei manevrovogo teplovoza TGM3. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenia, 1961. 46 p.

From our practice in the maintenance and repair of oil pumps. M. I. Pavlov. Elek. i tepl. tiaga 6 no. 2:13-14 F '62.

DIESEL LOCOMOTIVES—TESTING

State of stress of the crankshaft of a 2D100 diesel locomotive in connection with the gradation of the crankshaft journals. B. A. Meisner, E. G. Stetsenko. Vest. TSNII MPS 21 no. 1 22-25 '62

DIESEL LOCOMOTIVES—WELDING

Introduction of welding in carbon dioxide for the manufacture of diesel locomotive roofs. L. D. Veretnik, I. F. Korinets. Avtom. svar. 15 no. 3 68-72 Mr '62.

DIET

Nutritional hygiene during pregnancy, and requirements of the embryo or fetus V. A. Leonov. Zdrav. Bel. 7 no. 6:53-56 Je '61

DIET IN DISEASE

Dietic treatment of peptic ulcer and chronic gastritis and the conditions of the intestines [with summary in English] A. V. Frolkis. Vop. pit. 21 no. 1, 10-22 Ja-F '62

General principles for the differentiated use of a therapeutic diet at a health resort in diseases of the digestive organs [with summary in English] R. L. Blokh, A. M. Nogaller. Vop. pit. 21 no. 1 9-13 Ja-F '62.

Zihare, Lilija. [Nutrition of tuberculosis patients] Tuberkulozes slimnieku uzturs. Riga, Latvijas PSR Zinatnu akademijas izdevnieciba, 1961. 38 p. [In Latvian]
(DNLM)

DIETZGEN, JOSEPH, 1828-1888

Volkova, V. V. [Joseph Dietzgen] Iosif Ditsgen. Moskva, Sotsekgiz, 1961. 253 p.
(MH)

DIFFERENCE EQUATIONS

Homogeneous differential difference systems of second order accuracy for parabolic and hyperbolic equations with discontinuous coefficients. P. M. Budak. Dokl. AN SSSR 142 no. 5:986-989 F '62.

Sign of Green's function of a linear difference boundary value problem of the second order A. I. Teplin. Dokl. AN SSSR 142 no. 5:1038-1039 F '62.

DIFFERENTIAL ANALYZERS, ELECTRONIC see Electronic differential analyzers

DIFFERENTIAL CALCULUS see Calculus, Differential

DIFFERENTIAL DIAGNOSIS see Diagnosis, Differential

DIFFERENTIAL EQUATIONS

Behavior at infinity of solutions to an evolutional equation with an unlimited operator IU. I. Domshlak. Izv. AN Azerb. SSR, Ser. fiz.-mat. i tekh. nauk no. 5:9-22 '61.

Boundary value problems for parabolic systems in a half-space. S. D. Eidel'man. Dokl. AN SSSR 142 no. 4:813-814 F '62.

Boundary value problems for quasi-linear parabolic systems in equations and Cauchy's problem for hyperbolic equations. M. I. Vishik. Dokl. AN SSSR 140 no. 5:998-1001 O '61.

Concerning a simplified method for solving nonlinear differential equations and equations with time-varying parameters. Avtomatyka no. 1:93-94 '62.

Concerning the application of Chaplygin's theorem. A. D. Shkol'nikov. Radiotekh. i elektron. 7 no. 3 576 Mr '62.

Continuation of the solutions of differential equations [with summary in English]. P. S. Bondarenko. Dop. AN URSR no. 1, 3-4 '62

Convergence of the method of successive approximations for quasi-linear elliptic equations. A. I. Koshelev. Dokl. AN SSSR 142 no. 5:1007-1010 F '62.

Differential equations of turbulent motion of fluids. E. P. Kovalenko. Dokl. AN BSSR 6 no. 2:121-124 F '62.

Effect of the small parameter at the highest derivative in the calculation of systems. L. L. Vozniuk. Zbir. prats' z obchys. mat. i tekh. 3:65-69 '61.

Equations of relativistic radiation hydrodynamics. V. A. Prokof'ev. Dokl. AN SSSR 140 no. 5:1033-1036 O '61.

Estimating the solutions of one class of nonlinear differential equations of the second order [with summary in English]. I. A. Pavliuk. Dop. AN URSR no. 1:5-8 '62.

Formulas for numerical differentiation. Sh. E. Mikeladze. Soob. AN Gruz. SSR 27 no. 6:657-662 D '61.

Fourier's method for differential equations of the fourth order containing a second derivative with respect to time. N. I. Brish. Dokl. AN BSSR 6 no. 1:9-13 Ja '62

General boundary value problem for the equation $Au + \varkappa c(x, y)u = 0$. A. Dzhuraev. Dokl. AN SSSR 142 no. 5:994-997 F '62.

Homogeneous differential difference systems of second order accuracy for parabolic and hyperbolic equations with discontinuous coefficients. P. M. Budak. Dokl. AN SSSR 142 no. 5:986-989 F '62.

Inertial method for integrating differential equations using electronic computers. G. E. Pukhov. Izv. vys. ucheb. zav.; elektromekh. 5 no. 1:3-9 '62.

Integral and meromorphic solutions to a certain class of differential equations. M. A. Kraplin. Dokl. AN SSSR 142 no. 5:1011-1014 F '62.

Lefschetz, Solomon. [Differential equations: geometric theory. Translated from the English] Geometricheskaia teoriia differentsial'nykh uravnenii. Pod red. V. V. Nemytskogo, V. M. Nemytskogo i V. M. Alekseeva. Moskva, Izd-vo inostr. lit-ry, 1961 387 p
(RPB)

Method for determining the highest order of the differential equation of a linear electric network S. L. Fridman Elektrosviaz' 16 no. 1 50-54 Ja '62.

One method for solving Poisson's equation I. G. D'iakonov Dokl. AN SSSR 143 no. 1 21-24 Mr '62

Podgoretskii, M. I. [Some characteristics of kinetic equations] O nekotorykh osobennostiakh kineticheskikh uravnenii. Dubna, Ob"edinennyi in-t iadernykh issledovanii, 1962 15 p.

Qualitative picture of the behavior of integral curves "in the large" for the system (1) if (0, 0) is the center N. A. Lukashevich Dokl. AN BSSR 6 no. 1 3-6 Ja '62.

Separatrices of plane dynamic systems. J. Majerczyk. Dokl. AN SSSR 140 no. 5 1008-1010 O '61.

Some resonance solutions of equations of low-energy pion-pion scattering [with summary in English] V. V. Serebriakov, D. V. Shirkov. Zhur. eksp. i teor. fiz. 42 no. 2:610-621 F '62.

Theorem on the existence of a solution to a certain boundary value problem for a mixed type equation. B. V. Melent'ev Dokl. AN SSSR 142 no. 6 1251-1254 F '62.

Theorems concerning the uniqueness of solution to certain boundary value problems for mixed-type equations. B. V. Melent'ev. Dokl. AN SSSR 143 no. 1 38-41 Mr '62.

Transformation operator for Sturm-Liouville's differential equation in the non-self-adjoint case V. D. Mil'man. Dokl. AN SSSR 142 no. 5:1019-1021 F '62.

Two general theorems on the asymptotic behavior of the spectral functions of second order differential systems. I. S. Kats. Izv. AN SSSR Ser. mat. 26 no. 1.53-78 Ja-F '62.

Uniqueness theorem for a normal Frommer region of the second type. A. F. Andreev Dokl. AN SSSR 142 no. 4 754-757 F '62

Vsesoiuznoe soveshchanie po differentsial'nym uravneniiam. Erivan, 1958 [All-Union Conference on Differential Equations, Transactions] Trudy. Erevan, Akad. nauk Armianskoi SSR, 1960. 186 p.
(RPB)

DIFFERENTIAL EQUATIONS, LINEAR

Asymptotic behavior of solutions to a second-order linear differential equation in Banach space, when the small parameter at the first and second derivatives tends to zero. L. A. Grozu Dokl. AN SSSR 142 no. 6 1227-1230 F '62.

Boundary problem for a system of linear differential equations of the second order [with summary in English]. I. I. Kovtun. Dop. AN URSR no. 2:157-161 '62.

Boundary value problem for linear and quasi-linear parabolic equations Part 1 O. A. Ladyzhenskaia, N. N. Ural'tseva. Izv. AN SSSR. Ser. mat 26 no. 1 5-52 Ja-F '62.

System of quasi-linear equations in the theory of surfaces. B. L. Rozhdestvenskii Dokl. AN SSSR 143 no. 1.50-52 Mr '62

DIFFERENTIAL EQUATIONS, PARTIAL

Asymptotic formulae for solutions to ordinary differential equations with a small parameter in the highest derivative term and valid within a semi-infinite interval A. B. Vasil'eva. Dokl. AN SSSR 142 no 4 769-772 F '62.

Existence, uniqueness, and asymptotic behavior of the solution to a boundary value problem for a system of differential equations with a small parameter in the highest derivative term. V. A. Tupchiev. Dokl. AN SSSR 142 no. 6:1201-1204 F '62.

Method of nets for solving parabolic equations of order 2m with separable variables E. G. D'iakonov. Dokl AN SSSR 142 no 6.1236-1238 F '62.

DIFFERENTIAL GEOMETRY see Geometry, Differential

DIFFRACTION

Frequency characteristics of diffraction modulators of light having ferroelectric ceramic emitters of ultrasound. I. I. Adrianova. Opt i spektr. 12 no. 1:99-105 Ja '62.

Significance of X-ray, electron and neutron diffraction studies for solving the problems set by the 22d Congress of the CPSU G. S. Zhdanov. Izv. AN SSSR, Ser. fiz. 26 no. 3:1-11 Mr '62

DIFFUSION

Convective diffusion in the boundary layer during flow inside the angle. S. I. Antimov, IU. V. Khodyko. Dokl. AN BSSR 6 no. 1.19-21 Ja '62.

Diffusion in gases at high pressures. I. R. Krichevskii and others. Khim. prom no 2:105-111 F '62.

Diffusion in three-component systems in case of parallel and opposite diffusion streams [with summary in English]. P. IA. Siver. Dop. AN URSR no. 2:218-222 '62.

Ginzburg, I. P. [Possible methods for solving boundary layer problems in the case of dissociation and diffusion; Conference on Heat and Mass Transfer, Minsk, June 6-10, 1961] O vozmozhnykh metodakh resheniia zadach pogranichnogo sloia pri nalichii dissotsiatsii i diffuzii; soveshchanie po teplo-i massoobmenu, g. Minsk, 5-10 iiunia 1961 g. [Minsk, 1961] 35 p.
[MICROFILM]

Magnetic diffusion effect in an iron-nickel alloy studied by the internal friction method. I. B. Kekalo, B. G. Livshits. Izv. AN SSSR. Ser. fiz. 26 no. 2:279-283 F '62.

Phase transformations in thin layers of Ni - Se G. A. Efendiev, I. V. Ivanova Dokl. AN SSSR 143 no. 1 95-96 Mr '62

Relation between the thermal diffusion coefficient and the thermodynamic properties of binary mixtures Part 2 Dependence of the thermal diffusion coefficient of a gaseous mixture on pressure in the range 0.01-0.5 at. L. S. Kotousov Zhur. tekh. fiz. 32 no. 2.224-229 F '62

"Slow" diffusion of silver in germanium. V. E. Kosenko. Fiz. tver. tela 4 no. 1.59-61 Ja '62.

X-ray diffraction determination of diffusion coefficients by the method of thin double metal films. M. A. Levitskaia, N. A. Vodop'ianov Fiz. tver. tela 4 no. 2.458-460 F '62.

DIFFUSION COATINGS

Resistance to corrosion of the diffusion coatings of the turbine blades of gas-turbine locomotives F. A. Kovalev, I. V. Vikker Vest. TSNII MPS 21 no. 1 36-37 '62

DIGESTION

Some characteristics of digestion, water and salt metabolism and the feeding regimen in a hot colimate. A. IU. IUnusov Med. zhur. Uzb no. 6:7-12 Je '60

Studying the decomposition of cellulose in the sheep rumen. V. A. Moiseev. Vest. AN Kazakh. SSR 18 no. 1:76-80 Ja '62.

Ugolev, A. M. [Digestion and its adaptive evolution] Pishchevarenie i ego prisposobitel'naia evoliutsiia. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 305 p.

DIGESTION—CONGRESSES

Scientific conference devoted to the problems of the physiology and pathology of digestion and absorption K. A. Lange. Fiziol. zhur 48 no. 2:232-235 F '62

DIGESTIVE ORGANS

Digestive apparatus after extensive resection of the intestine [with summary in English]. G. L. Aleksandrovich. Sov. med 25 no. 12:35-41 D '61

Interrelation between the state of the periodontium and of the digestive organs. S. M. Volynskii Probl. stom 5:35-40 '60.

DIGESTIVE ORGANS—DISEASES

General principles for the differentiated use of a therapeutic diet at a health resort in diseases of the digestive organs [with summary in English]. R. L. Blokh, A. M. Nogaller. Vop. pit. 21 no. 1 9-13 Ja-F '62.

Genesis, prevention, and treatment of gastroduodenal hemorrhages complicating steroid therapy [with summary in English]. E. G. Pikhlak. Terap. arkh. no. 12 83-90 '61

Kitaigorodskaia, O. D. [Digestive disorders in schoolchildren] Rasstroistva pishchevareniia u detei shkol'nogo vozrasta. Moskva, Medgiz, 1961. 87 p. (Sovety roditeliam)
(DNLM)

DIGESTIVE ORGANS—RADIOGRAPHY

Fanardzhian, V. A. [X-ray diagnosis of diseases of the digestive tract] Rentgenodiagnostika zabolevanii pishchevaritel'nogo trakta. Erevan, Armianskoe Gos. izd-vo.
Vol. 1. 1961. 204 p.
(DNLM)

DIGITAL COMPUTER CIRCUITS see Electronic digital computers

DIKES (GEOLOGY) see subdivision under Balkhash Lake region; Schmidt Peninsula

DILATOMETRY

Dilatometric investigation of silicon-copper alloys. D. I. Lainer, L. A. Malysheva. Trudy Giprotsvetmetobrabotka no 20.6-13 '61.

DIMITROV, GEORGI, 1882-1949

Outstanding fighter for peace, democracy, and communism; on the 80th anniversary of G. M. Dimitrov's birth. P. S. Sokhan'. Ukr. ist. zhur. 6 no. 2:141-143 Mr-Ap '62.

DIMORPHISM (ANIMALS)

Sexual dimorphism of racial diagnostic signs. V. G. Vlastovskii. Vop. antr. no. 6:57-70 '61.

DIONESSOV, SEMEN MAKSIMILIANOVICH, 1901-

Semen Maksimilianovich Dionesov (on his 60th birthday). Fiziol. zhur. 48 no. 1:115 Ja '62.

DIOPHANTINE ANALYSIS

Cassels, John William Scott. [Introduction to diophantine approximation. Translated from the English] Vvedenie v teoriiu diofantovykh priblizhenii. Pod red. i s dop. A. O. Gel'fonda. Moskva, Izd-vo inostr. lit-ry, 1961. 212 p.
(RPB)

DIOXANE

Photoreaction of carbon tetrachloride with dioxane. G. A. Razuvaev and others. Zhur. ob. khim. 31 no. 12: 4057-4058 D '61.

Quenching of the radioluminescence of terphenyl solutions in dioxane by bromides. V. I. Gusynin, V. L. Tal'roze. Opt. i spektr 12 no 1:136-137 Ja '62

DIOXASPIRONONANE

Catalytic conversions of 1, 6-dioxaspiro[4, 4]nonanes L. F. Bel'skii Izv AN SSSR Otd. khim nauk no. 2-333-336 F '62.

DIOXOLANE

Polyene compounds. Part 15: Reaction of 2-phenyl-1, 3-dioxolane with vinyl ethyl ether. B. M. Mikhailov, L. S. Povarov Zhur. ob khim 32 no 2:446-452 F '62.

DIPHENYLOL PROPANE

Preparation of diphenylol propane I. M. Blilk and others. Khim. prom. no 2:93-96 F '62.

DIPHTHERIA

(see also subdivision under Starodorozhsk District, Turkmenistan)

Changes in higher nervous activity in children with diphtheria at various phases of the infectious process E. Kh. Ganiushina Trudy Inst. vys. nerv. deiat. Ser patofiziol. 8.72-79 '61.

Determination of the optimal antigen dose for active immunization. Report No. 1 Determination of the optimal dose of native diphtherial anatoxin [with summary in English]. P. V. Pavlov, A. G. Leonova Zhur. mikrobiol., epid i immun 32 no 9:8-12 S '61.

Errors in the diagnosis of diphtheria. M. N. Bessonova, Z. A. Kaplan. Zdrav. Bel 7 no 12:34-38 D '61

Influence of infectious diseases of bacterial and virus etiology on the intensity and duration of immunity to diphtheria P. G. Rytik. Zhur. mikrobiol., epid. i immun. 32 no. 9:141 S '61.

DIPHTHERIA—BACTERIOLOGY

Bacteriological diagnosis of diphtheria by means of serum tampons. M. N. Peksheva. Med. zhur. Uzb. no. 3 64-67 Mr '60.

DIPHTHERIA—PREVENTIVE INOCULATION

Comparative characteristics of the clinical aspects of diphtheria in vaccinated and unvaccinated children. R. K. Kistaubaeva. Zdrav. Kazakh 21 no. 10:41-45 '61

Phagocytic reaction in diphteria. V. S. Abagiants. Med. zhur. Uzb. no. 2:66 F '60.

DIPHTHERIA ANTITOXIN

Detoxifying and disintoxifying properties of mycerin in relation to tetanus and diphtheria toxins [with summary in English] V. N. Derkach. Antibiotiki 6 no. 12. 1101-1104 D '61.

Effect of antibiotics and their combinations on the activity of antitoxic immunity in diphtherial anatoxin immunization [with summary in English]. T. M. Kokushina. Antibiotiki 6 no. 12:1073-1079 D '61

DIPLOMATS see subdivision under Germany, West

DIPOLE MOMENTS

Octupole interaction of polarized atoms in crystals. I. TS. Liast. Fiz. tver. tela 4 no 1:3-7 Ja '62.

DIRECT CURRENT MACHINERY see Electric motors, Direct current

DISABILITY EVALUATION

(see also subdivision under Novorossiysk; Perm Province)

Answer of the Minister of Social Insurance. Sots. obesp. 23 no. 1:22-23 Ja '62.

Cases from practice. L. Folgin. Sots. obesp. 23 no. 1: 20-21 Ja '62.

Collective farm
I. Aulov
Pr
S

Ter
ot

DISA

Syn
bo
ar
lit

DISA

All
Zl

Dis
zl

"Hi
by
vr

Kuc
m
ri
pr
15

Mo
Ne
M

Rej
M
T
'6

RMAMENT (Continued)
rategy and arms control" [in English] by Thomas C chelling, Morton H. Halperin. Reviewed by IU. Fadin ie.zhdunar.zhizn' 9 no 4 142-144 Ap '62
true path toward lasting peace among the peoples. Arzumanian Kommunist 38 no 4 25-35 Mr '62
are for peace without arms! Nov vrem 20 no 12 2 Mr '62

OVERIES (IN GEOGRAPHY)
storical atlas of geographical discoveries and explora- ons " Reviewed by V L. Afanas'ev Vop ist. no 2 7-149 F '62.

RIMINATION, RACIAL see Race discrimination

ASE (PATHOLOGY) see Pathology

ASE GERMS see Bacteria, Pathogenic

ASES—CLASSIFICATION see Nosology

ASES, MENTAL see Mental illness

VASHING MACHINES
hwasher developed by the electrician Samkhanov, Nikiforov, Obshchestv pit no 11 34 N '61

LANE
raction of disilanes and chlorobenzene in the gaseous ase. L. A Chernyshev and others. Zhur ob khim no 2,368-374 F '62.

FECTION AND DISINFECTANTS
change of experience in disinfection. N. V. Pankov, drav. Tur. 5 no. 6:44 N-D '61

hkov, V. I., ed [Methods for studying disinfectant, secticidal and deratting preparations] Metody issledo- anila dezinfektsionnykh, dezinsektsionnykh i deratizatsionnykh preparatov Moskva, Medgiz, 1961 235 p (DNLM)

OCATIONS
mediate and late results in the treatment of open intra ticular injuries of the extremities M N Farshatov, L Glebov Vest khir no 2 74-78 '62
uction of traumatic dislocations of the large joints ing curare-like preparations M. P. Rovba Zdrav el. 7 no 12,28-29 D '61.

OCATIONS IN CRYSTALS
mation of dislocations in bismuth crystals split along e joint plane V M Kosevich Kristallografiia 7 1-97-102 Ja-F '62
ervation of dislocations in metals by means of an ectron microscope L G Orlov, M. P. Usikov, L. M. evskii Usp fiz. nauk 76 no. 1:109-152 Ja '62
ariscopic analysis of the dislocation structure of a ystal. V L Indenbom, V I Nikitenko, L S Milevskii z.tver tela 4 no 1:231-235 Ja '62
ation between the distribution of dislocations near e indentation mark and the strength of a crystal M P askol'skaia, G. F Dobrzhanskii Kristallografiia 7 1:103-106 Ja-F '62
ory of Cottrell's atmosphere. G. L Krasko, B IA ubov Dokl. AN SSSR 142 no. 2 326-329 Ja '62
ay method of observation and determination of low- nsity dislocations in germanium L. I. Datsenko z.tver. tela 4 no 2 524-529 F '62.

OCATIONS IN METALS
nge in the coercive force of hardened nickel during neating. I IA. Dekhtiar, L. G. Madatova. Izv. AN SSR. Ser. fiz. 26 no 2:270-273 F '62.
nges in the dislocation structure of 1Kh18N9T steel ring hardening and recovery M P. Usikov, L M evskii Metalloved i term obr met no 3 18-20 '62
ermination of the plasticity criterion. V. P. Severnko, R. M. Kal'nitskii Dokl. AN BSSR 6 no. 2 97-99 '62.
edity of the structure of dislocations in phase transformations L I Mirkin Dokl AN SSSR 142 no. 6 99-1290 F '62
etime of current carriers at different stages of duration of the impurity atmospheres of dislocations copper atoms. L. S Milevskii. Fiz. tver. tela 1 2 429-433 F '62.

SSAL OF EMPLOYEES see Employees, Dismissal

DERLY CONDUCT
e problems concerning the responsibility for dis- derly conduct. I. M. Sadovnikov. Sov. gos. i pravo 2:118-120 F '57.
re is a "palace of culture" in the city of Bykhov, Petrov. Sov. deput. trud. no. 2:112 F '62

DERS OF PERSONALITY see Personality, Disders of

RSIMETRY
ods of determining powder dispersivity in the prod- ion of hard alloys. K. B. Deriagin and others. Sbor. d. VNIITS no. 2:158-171 '60.
data on the dispersimetric analysis of aromatic drocarbons B V. Ioffe, O. E Batalin. Neftekhimiia no 2:156-162 Mr-Ap '61

DISPERSION ANALYSIS see Particle size determination

DISPLACEMENT (SHIPS)
Calculating stability curves by prototype with changes of the main dimensions and the coefficient of total displacement of the vessel N K. Dormidontov, L G Lysenko, K S Kozlov Trudy LIVT no 5 3-11 '60

DISSERTATIONS, ACADEMIC—BIBLIOGRAPHY see Bibliography—Dissertations, Academic

DISSOCIATION
Ginzburg, I. P. [Possible methods for solving boundary layer problems in the case of dissociation and diffusion, Conference on Heat and Mass Transfer, Minsk, June 5-10, 1961] O vozmozhnykh metodakh resheniia zadach pogranichnogo sloia pri nalichii dissotsiatsii i diffuzii, soveshchanie po teplo- i massoobmenu, g. Minsk, 5-10 iiunia 1961 g. [Minsk, 1961] 35 p. [MICROFILM]

DISTANCE GEOMETRY
Derivation of projective metrics in the Lobachevskii three-dimensional space B A Shekhter Trudy LHIIT no. 41:5-10 '61
Topological and metric properties of the multiplicative structure of prime numbers. E V Novoselov Dokl. AN SSSR 142 no 6 1255-1257 F '62

DISTILLATION
Investigations in the field of titanium tetrachloride purification. T. A Zavaritskaia. Titan i ego splavy no. 5:195-200 '61.
Starting from early times... K. V. Kostrin. Neftianik 7 no 2 32 F '62.
Utilization of shale phenols for extractive distillation E. F. Petukhov. Khim i tekh gor. slan. i prod. ikh perer no 8:106-109 '60
Catalytic stabilization of the ligroine and kerosene fraction of lignite resins R P Govorova. Zhiri prats' Inst. tepl. AN URSR no. 23:86-91 '61.

DISTILLATION, FRACTIONAL
Developing methods of cold fractionation of shale tar Report No. 1 N. I. Zelenin and others Khim i tekh gor. slan. i prod. ikh perer no. 8:195-200 '60.
Fractional composition and reflux-to-product ratio in the rectification of multicomponent mixtures B IA Susanov. Zhur. prikl. khim. 35 no 2:371-377 F '62
Kogan, V. B. [Azeotropic and extractive rectification] Azeotropnaia i ekstraktivnaia rektifikatsiia. Leningrad, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1961. 314 p.
Thermal effects in the rectification of multicomponent mixtures B. G Bergo, IA. D Monko, V. M. Platonov Khim i tekh. topl. i masel 7 no. 3:1-5 Mr '62.

DISTILLATION APPARATUS
Method of calculating the number of plates in the distillation of multicomponent mixtures. V. I. Antakhov, D. D. Zykov. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 1. 188-191 Ja-F '62.

DISTILLING, ILLICIT
(see also subdivision under Molvotitskiy District)
His son will never see the light of the sun A. Bezuglov Sots zakon 39 no. 2 74-76 F '62.

DISTILLING INDUSTRIES—BY-PRODUCTS
Economic efficiency of the production of glycerin from distills' slops V N Rybachuk Izv. vys. ucheb. zav., pishch tekh no 6 11-16 '61.

DISTRIBUTIVE EDUCATION see subdivision under Chimkent; Kazakhstan

DISULFIDE
Interaction of di-2-benzothiazyl disulfide with rubbers of various structures. B A. Dogadkin, M S. Fel'dshtein, E. N. Belitcva. Dokl AN SSSR 142 no. 4 826-830 F '62

DISULFIDE—THERAPEUTIC USE
Neurological complications in treatment with antabuse. Vop. psikh. no. 4:266-269 '60.

DITILIN
Ditilin for relaxing the musculature of swine. N. P. Korneev, V. N. Zhulenko Veterinariia 39 no. 1:62 Ja '62.
Prolonged apnea caused by the use of listenon (succinylcholine chloride). N. V. Prakhov Grud. khir. 4 no. 1: 105-106 Ja-F '62

DIURETICS AND DIURESIS
Clinical tests of the diuretic action of allacyl [with summary in English]. E. N Artem'ev, I O. Turlianskaia Terap. arkh no. 12 96-100 '61.
Use of diuretics in cardiac insufficiency. G. L. Kats. Vrach. delo no. 1:152-153 Ja '62.

DIVING, SUBMARINE
Checking and repairing underwater apparatus. N. Timofeiuk. Voen. znan. 38 no. 1 33 Ja '62.
Thirteen steps. E. Fedorovskii. Vokrug sveta no. 2:6-9 F '62.

DIVORCE
Ulkevich, N. G. [Grounds for divorce in Soviet domestic relations] Osnovaniia razvoda po sovetskomu semeinomu pravu. Minsk, Izd-vo Belgosuniv., 1960. 60 p. (CLU)

DNEPRODZERZHINSK—COKE INDUSTRY
The first plant in the Republic to be awarded the communist labor title L Bogodist, K. Ivanchenko Ekon Sov Ukr no 1 59-63 My-Je '61

DNEPROPETROVSK—AUXILIARY POLICE
Our people struggle against criminal offenses and the violation of Soviet laws. A. Iudin Rad. pravo no 1: 91-94 Ja-F '62
Voluntary policemen of an industrial plant. V Karagodskii, I Mendel'son Sots. zakon. 39 no. 2 81 F '62

DNEPROPETROVSK—FACTORY LIBRARIES
Library of excellent works M. Kanel'skaia. Klub i no. 1 11-13 Ja '62.

DNEPROPETROVSK—SEWAGE DISPOSAL
Improving the quality of the water of the upper portion of the Dnieper Reservoir and the Dnepropetrovsk Municipal Waterworks K. V. Shchogolev and others Visnyk AVIA URSR no. 4-66-68 '61.

DNEPROPETROVSK—STEEL INDUSTRY
Knyshev, I. N., and V. M. Pron', [Our confident steps] Tverdoi postup'iu. Kiev, 1961. 45 p. (Obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii Ukrainskoi SSR Ser 1, no 20)

DNEPROPETROVSK—WORKINGMEN'S CLUBS
You should see our "palace." Petro Kolakash. Ukraina no 4,15-16 F '62.

DNEPROPETROVSK PROVINCE—AGRICULTURE
How the party organizations of Dnepropetrovsk Province struggled for the introduction of progressive work practices into collective farming, 1953-1961. D P Kuntsenko Ukr. ist. zhur 6 no. 1 33-39 Ja-F '62

DNEPROPETROVSK PROVINCE—COLLECTIVE FARMS—TRANSPORTATION
Economic efficiency in the use of transportation means V. Kotelianets. Tekh. v sel'khoz. 22 no 2:56-57 F '62

DNEPROPETROVSK PROVINCE—PRECAST CONCRETE CONSTRUCTION
Reinforced concrete three-dimensional bathrooms. P Biriukov, D Dotlibov, V Epshtein. Zhil. stroi no. 12 17-18 '61

DNIEPER BASIN—COAL
Studying the coals of Novo-Moskovsk deposit in the Ukraine as a raw material for chemical industries. V. I. Dal', G. S. Fomenko, A. M Keltel'glaman. Ugol' Ukr. 6 no. 2,20 F '62

DNIEPER-DONETS LOWLAND—GEOLOGY, STRUCTURAL
Some recent data on the geotectonic development of the Dnieper-Donets Lowland [with summary in English] Dop AN URSR no 1 95-99 '62

DNIEPER RIVER—PERCH
Materials on the food of perch (Perca fluviatilis) in the middle reaches of the Dnieper River [with summary in English]. V. V. Polishchuk, V. V. Sheratiuk. Dop. AN URSR no. 1:111-117 '62.

DNIEPER RIVER—RUNOFF
Forecasting the summer inflow of water at the Dnieper and Kuybyshev Hydroelectric Power Stations V. I. Sapozhnikov Shor. rab po gidrol. no. 1:113-147 '59.

DNIEPER VALLEY—ALLUVIUM
Geological age of ancient alluvial sediments in the southern area of the lower Dnieper. V. O. Topachevs'kyi Geol. zhur. 22 no. 1:100-108 '62.

DNIEPER VALLEY—BRONZE AGE
From archaeological work in the upper Dnieper Valley, 1958. I I Artemenko Krat. soob. Inst. arkheol. no. 84:63-68 '61.

DNIEPER VALLEY—CLASSICAL ANTIQUITIES
Importations during the period of antiquity on the territory of the middle Dnieper Valley from the fourth through the second century B. C. N. A. Onaiko. Sov. arkheol 6 no 1,66-82 '62

DNIEPER VALLEY—COAL GEOLOGY
Lithofacies characteristics of sediments of the $B(C^2_1)$ series in the lower Carboniferous of the northern slope of the Ukrainian Crystalline Massif. M. T. Kucherenko, A. V. Sokol'skaia. Izv. vys. ucheb. zav.; geol. i razv. 1 no. 11:13-20 N '61

DNIEPER VALLEY—COKE-OVEN GAS
Utilization of coke-oven gas in ferrous metallurgy plants in the Dnieper Valley. I. M. Dik. Koks i khim. no. 1 54-56 '62.

DNIEPER VALLEY—COMMERCE
Importations during the period of antiquity on the territory of the middle Dnieper Valley from the fourth through the second century B. C. N. A. Onaiko. Sov. arkheol. 6 no. 1:66-82 '62

DNIEPER VALLEY—FAULTS (GEOLOGY)

Tracing the fault zone by geophysical methods. Z. O. Krutykhova'ka, B. IA. Savenko. Geol. zhur. 21 no. 6: 58-66 '61.

DNIEPER VALLEY—FRESHWATER FAUNA

Birher, T. I. [Value of invertebrates occurring in large masses in the Dnieper River and the Dnieper-Bug Liman as food of fishes] Kormova tsinnist' dlia ryb masovykh form bezkhrebetnykh Dnipra i Dniprovs'ko-Buz'kogo limanu. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 108 p.

DNIEPER VALLEY—GEOLOGY

Antecedency of the Dnieper Valley above the rapids. N. N. Karlov. Dokl. AN SSSR 142 no. 5:1140-1142 F '62.

DNIEPER VALLEY—GLACIAL EPOCH

Effect of structural relief on the formation and bedding of glacial sediments in the central Dnieper Valley. L. M. Dorofeiev. Geol. zhur. 21 no. 6: 74-82 '61.

DNIEPER VALLEY—HORNBLENDE

Characteristics of granitoid hornblendes of the Osnitsk and Korosten' complexes of the Ukrainian Crystalline Shield [with summary in English on p. 497]. O. N. Matkovskii. Min. sbor. no. 14:373-385 '60.

DNIEPER VALLEY—MAGNETIC PROSPECTING

Tracing the fault zone by geophysical methods. Z. O. Krutykhova'ka, B. IA. Savenko. Geol. zhur. 21 no. 6: 58-66 '61.

DNIEPER VALLEY—MOUNDS

Scythian burial with a La Tène sword in the middle Dnieper Valley. A. V. Bodinskii. Sov. arkheol. 6 no. 1: 272-276 '62.

DNIEPER VALLEY—SLAVS—CRANIOLOGY

Craniology of the medieval population of the Volga and Dnieper basins; a preliminary report. T. I. Alekseeva. Vop. antr. no. 8 110-113 '61.

DNIEPER VALLEY—STONE AGE

From archaeological work in the upper Dnieper Valley, 1956. I. L. Artemenko. Kratk. soob. Inst. arkheol. no. 84 53-60 '61.

DNIESTER RIVER—FRESHWATER FAUNA

Effect of the dam of Dubossary Reservoir, embankment, and irrigation pumps on the fresh-water fauna of the lower Dniester River. M. S. Burmuzhev, D. S. Kalinich. Okhr. prir. Mold. no. 1:90-100 '60.

DNIESTER VALLEY—GARNET

Garnet from migmatites in the Dniester Valley [with summary in English on p. 492]. I. P. Sidorenko. Min. sbor. no. 14:297-303 '60.

DNIESTER VALLEY—GEOLOGY, STRATIGRAPHIC

Pre-Cambrian spores in the Dniester Valley. N. A. Volkova. Dokl. AN SSSR 142 no. 4 893-895 F '62.

DNIESTER VALLEY—MIGMATITES

Garnet from migmatites in the Dniester Valley [with summary in English on p. 492]. I. P. Sidorenko. Min. sbor. no. 14:297-303 '60.

DNIESTER VALLEY—MITES

Materials on the gamasid mites of insectivores and rodents of the upper Dniester Basin. M. P. Rudyshyn, O. M. Bilokon'. Nauk. zap. Nauk.-pryrod. muz. AN URSR 3 61-68 '61.

DNIESTER VALLEY—PARASITES—BIRDS

Materials on the infestation of birds of the upper Dniester Valley by ectoparasites. M. I. Cherkashchenko. Nauk. zap. Nauk.-pryrod. muz. AN URSR 0 69 77 '61.

DNIESTER VALLEY—POTTERY, PRIMITIVE

Archaeological work in the Dniester Valley in 1958. A. I. Melikova. Kratk. soob. Inst. arkheol. no. 94:113-124 '61.

DNIESTER VALLEY—SULFUR CRYSTALS

Sulfur twins from the Dniester Valley [with summary in English on p. 494]. B. I. Sreobrodol'skii. Min. sbor. no. 14:341-350 '60.

DOBROLIUBOV, NIKOLAI ALEKSANDROVICH, 1836-1861

Golubov, S. N., and others, eds. [N. A. Dobroliubov in the memoirs of his contemporaries] N. A. Dobroliubov v vospominaniiakh sovremennikov. [Leningrad] Gos. izd-vo khudozh. lit-ry, 1961. 487 p. (Serila literaturnykh memuarov)

DOBRONRAVOV, VLADIMR VASIL'EVICH, 1901-

Scientific, pedagogical and social activity of Professor V. V. Dobronravov. S. S. Tikhomirov and others. [Trudy] MVTU no. 104:7-10 '61.

DOCTORS see Physicians

DOCUMENTARY MOTION PICTURES see Motion pictures, Documentary

DODECYL ALCOHOL

Dehydration of primary dodecyl alcohol over magnesium sulfate. L. Spitsyn, I. P. Mikhailenko, G. N. Pirogova. Dokl. AN SSSR 140 no. 5:1090-1092 O '61.

DOG BREEDING

Give more attention to the clubs! K. Nemtsov, V. Kniazev. Voen. znan. 38 no. 3:36 Mr '62.

DOGS—TRAINING

Sakharov, N. A. [Technique of training service dogs] Tekhnika dressirovki sluzhebnykh sobak. Moskva, Izd-vo M-va sel'. khoz. RSFSR, 1961. 141 p.

DOGS AS LABORATORY ANIMALS

Method for artificial feeding of puppies in the early postnatal period. N. V. Toropova. Zhur. vys. nerv. deiat. 11 no. 4:763-765 Jl-Ag '61.

DOMESTIC ARCHITECTURE see Architecture, Domestic

DOMESTIC EDUCATION

Miakushkov, V. A. [Inculcating work habits in children by the family] Vospitanie trudovykh navykov u detei v sem'e, prakticheskoe posobie. Moskva, Izd-vo "Znanie," 1961. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 11, Pedagogika, no. 8)

We are preparing for school; notes of a mother. A. Gromtseva. Sem'ia i shkola 17 no. 3:6-9 Mr '62.

DOMESTIC ENGINEERING see subdivision under Virgin Territory

DOMESTIC RELATIONS

The building of communism and the development of domestic relations [with summary in English, p. 185]. R. G. Balagushkin. Vop. filos. 16 no. 3,31-38 '62.

Voznluk, S. I. [The role of civil registry offices in strengthening family bonds] Organy ZAGSu u zmitsnenni radians'koi sim'i. Kyiv, 1961. 39 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 1, no. 10)

DON RIVER—RADIOACTIVE SUBSTANCES

Discharge of radioactive substances by the Don River into the Sea of Azov (1959). V. B. Stradomskii. Gidrokhim. mat. 34:72-76 '61.

Some data on the radioactivity of the water of the Don River. V. B. Stradomskii. Gidrokhim. mat. 34:67-71 '61.

DON RIVER—WATER—COMPOSITION

Changes observed in the discharge of organic substances and biogenous elements by waters of the Don River into the Sea of Azov following the construction of Tsimlyansk Reservoir. V. G. Datsko, V. L. Vasil'eva. Gidrokhim. mat. 34:77-85 '61.

DON VALLEY—ARCHAEOLOGY

Relations of the Alano-Bulgarian tribes of the Don Valley with the Slavs in the eighth - ninth centuries. S. A. Pletneva. Sov. arkheol. 6 no. 1:83-94 '62.

DON VALLEY—REVOLUTION, 1917-1921

Pollakov, I. A. [How the Don Cossacks fought against the Bolsheviks; reminiscences in five parts] Donskie kazaki v bor'be s bol'shevikami, vospominaniia (v piati chastiakh). Munich, 1962. 388 p.

DONETS BASIN

Synopsis of the book "Survey of the history of Donets Basin." V. V. Danylevs'kyi. Var. z ist. tekh. no. 7: 131-131 '61.

DONETS BASIN—BOOKSELLERS AND BOOKSELLING

Take technological literature to the enterprises of the Donets Basin. D. Timonnikov. Sov. knizh. torg. 15 no. 1 16-18 Ja '62.

DONETS BASIN—COAL

Economic efficiency of the utilization of Donets Basin gas coals for power production. S. U. Landsman, L. V. Pastushenko. Zbir. prats'. Inst. tepl. AN URSR no. 23: 62-70 '61.

DONETS BASIN—COAL—CLASSIFICATION

Typification of Donets coal and anthracite mined in 1958 in accordance with the international coal classification. B. I. Shtromberg, N. M. Dvuzhil'naia. Koks i khim. no. 1:12-14 '62.

DONETS BASIN—COAL GEOLOGY

Metamorphism of coal in the Donets Basin. M. L. Levenshtein. Sov. geol. 5 no. 2:61-70 F '62.

"Structure and accumulation conditions of basic coal measures and coal seams of the Middle Carboniferous in the Donets Basin" by IU. A. Zhemchuzhnikov and others. Reviewed by A. V. Makedonov. Izv. AN SSSR. Ser. geol. 27 no. 3 115-119 Mr '62.

DONETS BASIN—COAL MINES AND MINING

Concerning the over-all reorganization and modernization of the mines of Donbassantratsit Combine. M. S. Gubanov. Ugol' Ukr. 6 no. 2:1-6 F '62.

"Irmino" Mine No. 4 - this is an enterprise of communist labor. IU. N. Markovskii, IA. D. Krut'. Ugol' 37 no. 1:10-11 Ja '62.

Kaplan, I. I. [Use of new equipment and techniques in coal mining; basic stages of technological progress in the Donets Basin mines] Vnedrenie novoi tekhniki v ugol'noi promyshlennosti; osnovnye etapy tekhnicheskogo progressa na shakhtakh Donbassa. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 93 p. (Nauchno-proizvodstvennaia literatura po voprosam ekonomiki)

Materials for the establishment of time norms for rest periods of miners in the coal mines of the Donets Basin. F. Agaibov and others. Biul. nauch. inform., trud i zar. plata 3 no. 2 36-43 '62.

Methodology for establishing norms for the number of workers in miners' brigades and norms for the rate of development mining. A. Denisenko, N. Prokopenko, V. Sai. Biul. nauch. inform., trud i zar. plata 5 no. 2: 32-36 '62.

Nomograms for determining the distance between crosscuts. IU. I. Lerner, V. L. Pokrass. Sbor. trud. Inst. gor. dela AN URSR no. 8,107-112 '61.

Roof caving without the use of battery stulls in Ostrava-Karvina Basin mines and possibility of using this method in the Donets Basin mines. V. P. Trofimov, E. T. Proiavkin. Ugol' Ukr. 6 no. 1:12-14 Ja '62.

Shortcomings in the application of over-all mechanization and automation in Donets Basin mines. M. T. Matveev, I. V. Sinitsa. Ugol' Ukr. 6 no. 2:24-25 F '62.

Synchronous factor of seam mining in the Donets Basin mines. P. Z. Zviagin. Ugol' Ukr. 6 no. 2 9-13 F '62.

Undermining of workings under the conditions of Donets Basin flat dipping seams. A. M. Shushkov. Ugol' 37 no. 2:17-19 F '62.

DONETS BASIN—COAL MINES AND MINING—ACCOUNTING

Practice in the use of business accounting in Section No. 4 of Yasinovka Mine Administration. S. M. Chumakov. Ugol' 37 no. 1:13 Ja '62.

DONETS BASIN—COAL MINES AND MINING—AIR CONDITIONING

Urgent problems of air conditioning in the Donets Basin mines. V. T. Balanovskii. Ugol' 37 no. 1:53-54 Ja '62.

DONETS BASIN—COAL MINES AND MINING—FINANCE

"Kommunist-Novaya" Mine operates without subsidies. V. IA. Tkach. Ugol' Ukr. 6 no. 1:5-6 Ja '62.

DONETS BASIN—COAL MINES AND MINING—LABOR PRODUCTIVITY

New record. N. M. Khudosovtsev. Ugol' 37 no. 3 15 Mr '62.

No more lagging in the "Lutugin" Mine. N. I. Zolotukha, I. I. Klimovitskii, G. M. Gal'ko. Ugol' Ukr. 6 no. 1: 7-9 Ja '62.

DONETS BASIN—COAL MINES AND MINING—SAFETY MEASURES

Development mining in deposits presenting a hazard of sudden outbursts. M. F. Kokhan. Bezop. truda v prom. 6 no. 2:26-28 F '62.

"Outburst" of coal seams in the Donet Basin mines. N. R. Bel'skaia, L. N. Karagodin, P. A. Troitskii. Ugol' 37 no. 2:43-47 F '62.

DONETS BASIN—COAL MINING MACHINERY

Mechanization of coal extraction by means of KMS small-range plows in mining steeply dipping Donets Basin seams. A. P. Arovoi and others. Ugol' 37 no. 3 29-31 Mr '62.

New equipment for coal mines. N. G. Vereskunov. Bez. truda v prom. 6 no. 1:17-18 Ja '62.

New sprayer attachment of the "Donbass-1" cutter-loader. A. D. Sukach, I. T. Leleka. Ugol' Ukr. 6 no. 1:36-37 Ja '62.

DONETS BASIN—MINE TIMBERING—COSTS
Cost of supporting development workings of Donets Basin mines in relation to the depth of their location K. I. Tatomir and others. Sbor. trud. Inst. gor. dela AN URSR no. 8:98-106 '61

DONETS BASIN—MINING ENGINEERING
At the conference of engineer and technician representatives of the Donets Basin Economic Council. B. M. Sharanskii. Ugol' Ukr. 6 no. 1:45-46 Ja '62

DONETS BASIN—PALEOBOTANY, STRATIGRAPHIC
Lepidodendropsis flora in the southern part of the Donets Basin. T. A. Ishchenko. Paleont. zhur. no. 3:98-102 '61

DONETS BASIN—ROCK DRILLS
Use of the new drills in Donets Basin mines. A. G. Kolesnikov. Ugol' Ukr. 6 no. 1:35-36 Ja '62

DONETS BASIN—ROCKS, SEDIMENTARY
Materials on the lithology of upper Jurassic variegated sediments in northwestern margins of the Donets Basin. I. I. Litvin. Izv. vys. ucheb. zav., geol. i razv. 4 no. 12: 62-66 D '61.

DONETS BASIN—RUGOSA
Fomichev, V. D. [Rugosa and the stratigraphy of the Middle and Upper Carboniferous and Permian sediments in the Donets Basin] Korally Rugosa i stratigrafiia sredne- i verkhnekamennougol'nykh i permskikh otlozhenii Donetskogo basseina. Moskva, Gos. izd-vo geol. lit-ry, 1953. 621 p. (Leningrad. Vsesoiuznyi geologicheskii institut. Trudy)
_____ _____ _____ Atlas. 90 p.

DONETS BASIN—STEEL INDUSTRY
Patronage aid of the V. I. Lenin Communist Youth League to the construction sites of steel mills in the Donets Basin, 1958-1961. V. IA. Filimonenko. Ukr. ist. zhur. 6 no. 2:54-64 Mr-Ap '62.

DONETS RIDGE—LOESS
Origin of loesslike rocks in the Donets Ridge. A. S. Riabchenkov. Vop. gidrogeol. i inzh. geol. no. 19:125-135 '61

DONETS VALLEY—WORMS, INTESTINAL AND PARASITIC
Helminth larvae in aquatic insects of the Northern Donets River and its bottom-land bodies of water. N. N. Shevchenko. Dokl. AN SSSR. 142 no. 4 972-975 F '62

DONETSK—MINING ENGINEERING
Towers over a town. K. Liublins'kyi. Nauka i zhyttia 11 no. 12 28 D '61.

DONETSK—PUBLIC HEALTH
Medical institute's aid to the public health organs [with summary in English]. M. V. Verzhbiovskii. Sov. zdrav. 21 no. 1 16-19 '62

DONETSK PROVINCE—BOARDING SCHOOLS
Training in public work and independence. IU. Azarov. Nar. obr. no. 3 68-71 Mr '62.

DONETSK PROVINCE—GEOLOGY, STRUCTURAL
Recent data on the geological structure of the zone of junction of the Pokrovo-Kireyevo and Tel'manovo blocks (northeastern part of the region of the Sea of Azov) [with summary in English]. T. S. Lebedev and others. Dop. AN URSR no. 1:91-94 '62.

DONETSK PROVINCE—STONE, CRUSHED
Quarrying and complete utilization of building materials. E. A. Funt. Sbor. trud. Inst. gor. dela AN URSR no. 8: 49-52 '61.

DONETSK PROVINCE—SURGICAL SOCIETIES
Work of the Stalino Province Society of Surgeons in 1959. V. A. Mikhailichenko. Nov. khir. arkh. no. 3, 119 My-Je '60.

DOPPLER EFFECT
Some characteristics of the Doppler effect in anisotropic media. K. A. Barsukov. Zhur. tekh. fiz. 32 no. 2 161-167 F '62.

DORMICE—PARASITES see Parasites—Dormice

DOROGINA—SEWER PIPE
Water permeability of ceramic sewer pipes manufactured by the Dorogina Ceramic Pipe Plant. R. M. Zalomii, I. M. Gotlib. Trudy NIIStroikeramiki no. 16: 100-111 '60.

DOUBLE BASS
Briede, B. [Violoncello and contrabass] Cello un kontrabass. Riga, Latvijas Valsts izdevnieciba, 1961. 34 p. (Okrestra instrument) [In Latvian]

DOUGH
Investigating the technology of preparing dough containing the scalded flour leavened with thermophile lactic acid bacteria. I. M. Roiter and others. Izv. vys. ucheb. zav., pishch. tekh. no. 6:58-65 '61.

DOVATOR, LEV MIKHAILOVICH, 1903-1941
How we studied the biography of L. M. Dovator, Hero of the Soviet Union. M. P. Gracheva. Nach. shkola 30 no. 2:17-18 F '62.

DRAFTING, MECHANICAL see Mechanical drawing

DRAGOMIROV, MIKHAIL IVANOVICH, 1830-1905
M. I. Dragomirov's military aphorisms. Voen.-ist. zhur. 4 no. 3 119-123 Mr '62

DRAINAGE
(see also subdivision under Kura Lowland, Kurgan Province; Latvia, Polesye)
Drainage of swampy lands. I. B. Levanovskii. Priroda 51 no. 2:73-78 F '62
Regulation of moisture conditions on drained lands by the evacuation of the excess water. I. V. Minaev. Trudy MIIZ no. 6:159-164 '59.
Unsteady liquid flow to a horizontal drain with a filter. IU. M. Shekhtman. Inzh. zhur. 1 no. 3 169-172 '61.

DRAINAGE, SURGICAL
Active sponge rubber and gauze osmotic drainage. R. Sh. Breitman. Nov. khir. arkh. no. 3 96 My-Je '60
Needle-trocar for supplying a drainage catheter to the sympathetic ganglia. A. M. Riabov. Nov. khir. arkh. no. 3 96-100 My-Je '60

DRANG NACH OSTEN
Failure of the "Unkatistenverein's plans of German expansion in the East [with summary in English, p. 197] F. H. Gentzen. Nov. i noveish. ist. no. 1:55-71 '62.

DRAWBRIDGES
Bascule bridge over the bunker for unloading dump trucks. V. S. Lugovets. Gor. zhur. no. 11:74 N '61.

DRAWING—INSTRUCTION
Questions and answers. M. N. Rozanov, I. P. Glinskaia. Nach. shkola 30 no. 3:80-83 Mr '62.
Teachers are studying. E. V. Lebedeva. Doshk. vosp. 35 no. 2:40-44 F '62

DRAWING (METALWORK)
Determination of internal stresses in BrKMts3-1 bronze rods and causes for the cracking of these rods in storage. K. K. Goderzian and others. Trudy Giproisvetmetobrabotka no. 20 167-186 '61.
New material for drawing dies. S. A. Valiev. Kuz.-shtam. proizv. 4 no. 2:41-42 F '62.

DREDGING MACHINERY
Dredging machinery for working soil at a depth of 15 m. Gidr. stroi. 32 no. 12:46 D '61.
Put to use the potentialities of the Channel Dredging and Maintenance Fleet. G. Smirnov, I. Liubimov. Mor. flot. 22 no. 3 38-40 Mr '62.
Starikov, A. A. [Ways of improving the performance of river dredgers] Puti povysheniia proizvoditel'nosti rechnykh zemlesosov. Moskva, Izd-vo "Rechnoi transport," 1961. 92 p.

DRESSINGS (SURGERY) see Bandages and bandaging

DRESSMAKING
(see also subdivision under Iv'ye District)
Kozlov, V. N. [Design of women's dressmaker clothing made of striped fabrics] Modelirovanie zhenskogo legkogo plat'ia iz tkani v polosku. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1961. 107 p.
Ter-Ovakimian, I. A., ed. [Easy to make women's apparel] Zhenskoe legkoe plat'e. [By] L. P. Golinto i dr. Moskva, Gos. izd-vo mestnoi promyshl. i khudozh. promyslov. RSFSR, 1961. 465 p.

DRESSMAKING—PATTERN DESIGN
Application of the theory of sheath construction in designing patterns for knit goods. E. B. Koblinkova, L. A. Surko. Nauch. trudy MTILP no. 18:105-122 '60.

DRESSMAKING—STUDY AND TEACHING see subdivision under Brest

DRIFT see subdivision under Volga Valley

DRILL (AGRICULTURAL IMPLEMENT)
STS-15 self-loading seed and fertilizer drill. A. M. Shcherbakov. Trakt. i sel'khozmash. 32 no. 1:36-37 Ja '62.

DRILLING AND BORING MACHINERY
Heads for annular boring of through holes in cast iron. I. L. Fadiushin. Stan. i instr. 33 no. 3:26-27 Mr '62.
The SBO jet piercer boring rig. Shakht. stroi. 6 no. 2: 4 of cover F '62.
Selecting the power of the engine in rotary drilling of boreholes. N. IA. Repin. Ugol' 36 no. 7:15-16 Jl '61.
Vibration-resistant boring unit for machining bushings for fluid-friction bearings. L. K. Kuchma. Stan. i instr. 33 no. 1:9-11 Ja '62.

DRILLING AND BORING MACHINERY—TECHNOLOGICAL INNOVATIONS
Modernization of the vertical drilling machine. A. A. Agafonov, I. M. Stavitskii. Mashinostroenie no. 1:97-99 Ja-F '62.

DRILLING FLUIDS
Determination of the diameter of the zone of disturbance of a thermal field around a hole. G. A. Cheremenskii. Zap. LGI 39 no. 2:80-90 '61.

DRINKING WATER
Water intake during work under high air temperatures and restoration of body weight at different water rations. I. T. Fronin. Med. zhur. Uzb. no. 12 41-43 D '61

DROGOBYCH—EFFICIENCY, INDUSTRIAL
"They march toward communism; the movement of shock workers and the brigades and groups of communist labor in the city of Drogobych." Reviewed by Z. M. Hromova. Ukr. ist. zhur. 6 no. 2:133-135 Mr-Ap '62

DROGOBYCH—TEACHERS, TRAINING OF
Use of a pedagogical press in the training of future teachers. B. N. Mitiurov, O. D. Sokolova. Rad. shk. 40 no. 2:58-62 F '62.

DROPPING MERCURY ELECTRODES see Electrodes, Dropping mercury

DROUGHTS see subdivision under Ukraine

DRUG INDUSTRY
All efforts toward the realization of the new program of the CPSU. Med. prom. 15 no. 12:3-6 D '61.
Work of pharmaceutical factories. Report No. 2 [with summary in English] O. I. Belova, G. I. Rutkevich. Apt. delo 10 no. 6:49-52 N-D '61

DRUG INDUSTRY—EQUIPMENT AND SUPPLIES
Use of vibration compression in the medical industry. T. A. Sultanov, A. M. Volkov. Med. prom. 15 no. 12: 54-56 D '61.

DRUGS
Data on the effect of pharmacological agents on cholesterol metabolism and the content of lecithin in the blood (the pharmacotherapy of atherosclerosis). N. A. Khanazov. Vest. AMN SSSR 16 no. 11:40-47 '61.
New preparations. Kaz. med. zhur. no. 6:4 of cover N-D '61.

DRUGS—PHYSIOLOGICAL EFFECT
Drug resistance of mycobacteria tuberculosis in osteoarticular tuberculosis [with summary in French] V. A. Solov'ev. Probl. tub. no. 2 91-93 '62.
Effect of some drugs on the functioning of the ciliary apparatus of the nasal mucosa in man. B. I. Puskina. Vest. otorin. no. 2 28-32 '62
Effect of some medicinal substances on the indices of nitrogen metabolism in epilepsy. N. S. Ivanova, A. I. Krasnova. Vop. psikh. no. 4:117-123 '60.

DRUGS—STANDARDS
Review of "Pharmacological control of drugs." Vl. Kozlik and L. Jezek. Apt. delo 10 no. 6:83 N-D '61

DRUGSTORES see subdivision under Tiraspol'; Volozhino, Mogilev District

DRUMS (CONTAINERS)
A drum with pockets. V. Artamonov, V. Zholonkin. Izobr. i rats. no. 3, 10-11 Mr '62.

DRUNKENNESS (CRIMINAL LAW)
Concerning the inadequate basis of the clinical concept of pathological intoxication. I. F. Sluchevskii. Probl. sud. psikh. 9:453-466 '61
Discussion. N. I. Poglbko and others. Probl. sud. psikh. 9:467-493 '61.
Expert examination of the intoxicated state. I. P. Shcheta. Probl. sud. psikh. 9:423-439 '61.
Forensic psychiatric evaluation of grave forms of alcoholic intoxication and their delimitation from so-called pathological intoxication. K. G. Rabinovich. Probl. sud. psikh. 9:438-452 '61.
Forensic psychiatric examination of persons who have committed crimes in a state of alcoholic intoxication. T. D. Kashkarova. Probl. sud. psikh. 9:431-437 '61.
Necessity of reorganizing the expert examination of alcoholic intoxication and of introducing the quantitative determination of alcohol in the blood. E. IU. Kuru. Probl. sud. psikh. 9:408-412 '61.

DRUZHNO LAKE REGION—CITIES AND TOWNS, RUINED, EXTINCT, ETC.
The secret of Druzhno Lake. S. Seretskii. Vokrug sveta no. 5:54 My '61.

DRY ICE
Pimenova, T. F., and N. M. Novozhilov. [Use of dry ice in electric welding; scientific report] Primenenie sukhogo l'da v elektrosvarochnoi tekhnike; nauchnoe soobshchenie. Moskva, Gos. izd-vo torg. lit-ry, 1961. 36 p.

DRYING AGENTS
Production of an industrial batch of zeolite desiccant. M. I. Breiman and others. Khim. prom. no. 2:147 F '62.

DRYING APPARATUS
(see also subdivision under Russia, Northern)
Electric drying oven of the Astrakhan Fish Canning and Refrigerating Combine. V. M. Borkunov. Ryb. khoz. 38 no. 2:64-66 '62.

DRYING APPARATUS—BRICKS
Over-all automation of the operation of tunnel dryers. V. V. Eremenko, E. N. Vershinina. Trudy Zap.-Sib. fil. ASIA no. 3:51-60 '60.

DU BOIS, WILLIAM EDWARD BURGHARDT, 1868-
Honorary members of the Moscow Society of Naturalists. T. D. Gladkova, M. F. Nesturkh. Vop. antr. no. 6:139-143 '61

DUBNA—NUCLEAR PHYSICS—RESEARCH
The pulse of neutron arteries. V. Grigor'ev. IUn. tekh. 6 no. 1:33-36 Ja '62

DUBNO DISTRICT—FRUIT CULTURE
Mutual assistance. K. Zakaliuk and others. Ukraina no. 4:6-7 F '62

DUCKS—PARASITES see Parasites—Ducks

DUDIN, MIKHAIL ALEKSANDROVICH, 1916-
A poet and the times; on Mikhail Dudin. Dm. Moldavskii. Neva no. 9,204-208 '61

DUMP TRUCKS
(see also subdivision under Saransk)
A dump truck. M. Samoilov and others. Tekh. v sel'khoz 23 no. 2:50-51 F '62.
Self-dumping motortrucks, trailers and semitrailers. Avt. transp. 40 no. 3:37 Mr '62
Unloading of corn. I. Bykov. Sel'. mekh. no. 2:32-33 '62.

DUNAEVSKII, ISAAK OSIPOVICH, 1900-1955
Chetnov, A. A. Isaak Osipovich Dunaevskii. Moskva, Sovetskii kompozitor, 1961. 39 p. (V pomoshch' slushateliam narodnykh universitetov kul'tury. Besedy o muzyke)

DUNITE
Equation of state for gabbro and dunite at high pressures. V. N. Zharkov, V. A. Kalinin. Izv. AN SSSR. Ser. geofiz. no. 3:298-306 Mr '62

DUODENUM
Preliminary data on the nature of duodenal "hormones" of general action. A. M. Ugolev. Dokl. AN SSSR 142 no. 2:491-492 Ja '62
Prolapse of the gastric mucosa into the duodenal bulb. E. A. Brusilovskii. Zdrav. Kazakh. 21 no. 6:71-72 '61.

DUODENUM—CANCER
Case of cancer of the duodenum. V. G. Golovashchenko. Vest. rent. i rad. 36 no. 4:76-77 Jl-Ag '61.
Diagnosis and treatment of cancer of Vater's ampulla [with summary in English]. A. F. Gradzhev, A. M. Granov. Vop. onk. 8 no. 1:25-30 '62

DUODENUM—HERNIA
Rupture of the duodenum. P. G. Petrusenko. Zdrav. Bel. 7 no. 12:60-61 D '61

DUODENUM—RADIOGRAPHY
Method for examining the duodenum in its hypotonia. N. I. Rybakova, M. M. Sal'man. Vest. rent. i rad. 36 no. 4:42-44 Jl-Ag '61.

DUODENUM—SURGERY
Application of a direct gastroduodenal anastomosis after a stomach resection because of cancer. A. P. Mirzaev. Vop. onk. 8 no. 2:57-63 '62.
Exocrine function of the pancreas after a stomach and duodenum resection by Petrushinskii's method. IU. Khaimov. Med. zhur. Uzb. no. 11:50-56 N '61
Late result following choledochoduodenostomy for a persistent nonhealing biliary fistula. A. F. Tolchcev. Nov. khir. arkh. no. 1:114-115 Ja-F '60.
Late results of stomach and duodenum resection. M. I. Petrushinskii. Med. zhur. Uzb. no. 11:45-47 N '61.
Method for pancreatoduodenal resections. M. I. Izrailev. Nov. khir. arkh. no. 1:107-109 Ja-F '60.

DUODENUM—ULCERS
Stomach resection for stenosis following suturing of a perforating ulcer of the duodenum three times. E. N. Kolikov, S. A. Rodkin. Kaz. med. zhur. no. 6:56-57 N-D '61.
Use of Beclard's suture with utilization of the underlying tissues in low penetrating duodenal ulcers. IU. N. Murashov. Zdrav. Bel. 7 no. 6:42-43 Je '61.

DURA MATER—DISEASES
Thromboses of the sinuses of the dura mater, of the cerebral veins and subdural hematomas in infectious psychoses with an acute course. I. V. Katarinova. Vop. psikh. no. 4:347-353 '60.

DURA MATER—TRANSPLANTATION
Experience with the use of a preserved dura mater flap in tympanoplasty [with summary in English]. IU. B. Preobrazhenskii. Vest. otorin. no. 4:60-66 '61.

DURA MATER—TUMORS
Genesis of epidural hematomas appearing without direct injuries of the meningeal vessels. N. IA. Vasin. Vest. khir. no. 2:122-123 '62.

DUSHANBE—THEATER
"King Deer." K. Krivitskii. Teatr 23 no. 2:99-100 F '62.

DUSHETI REGION—TRACHYTE
Trachytes of the Dusheti region. N. I. Skhirtladze, N. I. Mrevlishvili. Soob. AN Gruz. SSR 27 no. 6:687-690 D '61.

DUST
New method of gravimetric determination of the dust content of the air of industrial sites. A. I. Frank. Gig. truda i prof. zab. 6 no. 1:55-59 Ja '62.
Studies in the comparative hygienic evaluation of the dust of metallic alloys [with summary in English]. O. IA. Mogilevskaia. Gig. truda i prof. zab. 6 no. 1:8-14 Ja '62

DUST—REMOVAL
Study of vacuuming underground bunkers. O. D. Neikov. Shor. trud. inst. gor. dela AN URSR no. 8:122-131 '61

DUST COLLECTORS
Determination of the statistical pressure in the operation of a dust collector consisting of a venturi with a cyclone. A. A. Kekin, S. TSoi, A. N. Stakhanov. Izv. AN Kazakh SSR. Ser. gor. dela no. 2:85-90 '61.

DUST EXPLOSION
Explosion of natural fuel dusts in ventilated units. S. L. Shagalova, V. A. Reznik. Teploenergetika 9 no. 2:25-29 F '62.

DVINA RIVER, NORTHERN see Northern Dvina River

DVINA RIVER, WESTERN see Western Dvina River

DWELLINGS see subdivision under Georgia; Malta, Siberia, Russia, Northern

DYAKS
Kelabits. V. Iskol'dskii. Vokrug sveta no. 3:38-39 Mr '61.

DYES AND DYEING
Complex compounds of polymethine dyes with silver ions. Part 3: Formation of silver complexes by thiatricarbocyanines containing various substituents in the polymethine chain. K. I. Pokrovskaia. Trudy NIKFI no. 40:86-94 '60
Cyanine dyes containing fluorine. Part 10: Cyanine dyes containing fluorine in the polymethine chain. L. M. IAgupol'skii, B. E. Gruz. Zhur. ob. khim. 31 no. 12:3955-3961 D '61.
Effect of the introduction of amino groups into the heterocyclic residues of cyanine dyes on their basicity. N. S. Spasokukotskii, E. S. Kozlova. Trudy NIKFI no. 40:70-85 '60
Heat resistance of the aqueous solutions of direct dyes. V. E. Rostovtsev. Tekst. prom. 21 no. 6:54-57 Je '61.
Method for recording absorption spectra of dyes in transmitted light on plate-shaped silica and aluminosilicate gels. Z. Z. Vysotskii, L. F. Divnich, S. S. Butsko. Opt. i spektr. 12 no. 2:327-328 F '62.
Monotone dyeing of fabrics made from synthetic fibers with direct light fast dyes. A. A. Kharkharov, G. A. Pokrovskaia. Tekst. prom. 22 no. 1:60-62 Ja '62
New forms of vegetable raw materials. E. N. Moiseev, S. D. Shteinbok, A. A. Nikitin. Vest. AN SSSR 32 no. 2:54-56 F '62.
Pigment dyeing of fabrics. I. IA. Shtern, I. V. Fodiman, N. M. Raikhman. Tekst. prom. 22 no. 1:62-64 Ja '62
Some derivatives of benzothiazole. Part 7: Obtaining crystalline 2-methylbenzothiazole. A. F. Vompe. Trudy NIKFI no. 40:119-120 '60.
Studies in the field of azomethine dyes. Part 4: Indoaniline dyes, derivatives of 1, 2-hydroxynaphthoic acid amides containing heterocyclic residues in the presence of nitrogen amide. B. S. Portnaia and others. Trudy NIKFI no. 40:106-118 '60.
Studies in the field of cyanine dyes. Part 14: Some thiacarbocyanines containing ethyl or isopropyl groups in the heterocyclic residues. I. I. Levkoev and others. Trudy NIKFI no. 40:5-11 '60.
Studies in the field of cyanine dyes. Part 15: 5, 5'- and 6, 6'-diphenylthiacarbocyanines. S. A. Kheifets, N. N. Sveshnikov. Trudy NIKFI no. 40:12-20 '60.
Studies in the field of cyanine dyes. Part 16: Some properties of the quaternary salts of 9-methylphenanthridine. I. I. Levkoev, V. V. Durmashkina. Trudy NIKFI no. 40:21-25 '60.
Synthesis of dimerocyanine dyes, derivatives of 1, 3 diazo-substituted imidazolidinones. M. V. Deithmeister, L. D. Zhilina. Trudy NIKFI no. 40:26-33 '60.
Two-stage method of filling fabrics with vat dyes. P. I. Kon'kov, T. N. Kulikova, S. N. TSvetkov. Tekst. prom. 22 no. 1:54-56 Ja '62.
Use of reducers for resist dyeing with insoluble azo dyes. K. Dimov, S. Mikhailova. Tekst. prom. 21 no. 6:64-66 Je '61.

DYES AND DYEING—CELLULOSE
Dyeing of "nitron" fibers processed with hydrogen peroxide. F. I. Sadov, A. R. Boldenko. Tekst. prom. 21 no. 12:44-46 D '61.
Preparing "nitron" fibers for dyeing. F. I. Sadov, A. R. Boldenko. Tekst. prom. 21 no. 6:58-62 Je '61.

DYES AND DYEING—CHEMISTRY
"Chemistry of dyes" by B. M. Bogoslovskii, N. G. Laptev. Reviewed by P. B. Moryganov, B. N. Mel'nikov, V. F. Borodkin. Tekst. prom. 21 no. 6:88-89 Je '61.

DYES AND DYEING—COTTON
Development rate of insoluble azo dyes on fabrics. S. A. Plaksin. Tekst. prom. 22 no. 1:57-59 Ja '62.

DYES AND DYEING—RAYON
Effect of surface-active substances on the dyeability of acetate fibers with dispersion dyes. F. I. Sadov, K. G. Kalinina, G. P. Shesternina. Izv. vys. uchab. zav.; tekh. leg. prom. no. 1:56-65 '62.

DYES AND DYEING—SPECTRA
Absorption spectra of the emulsions with polymethine dyes, derivatives of 3, 4-benzoquinoline. E. B. Lifshits, Trudy NIKFI no. 40:62-69 '60

DYES AND DYEING—TEXTILE FIBERS
Dyeing of cotton and staple yarn in bobbins with vat dyes. IU. V. Ludmer, L. V. Stoian, A. P. IUrkova. Tekst. prom. 21 no. 6:66-67 Je '61
Reaction of active dyes with polyamide fibers. A. D. Virnik, M. A. Chekalin. Tekst. prom. 21 no. 12:47 D '61

DYNAMIC PROGRAMMING see Programming (Mathematics)

DYNAMICS
Applicability of dynamic Volterra equations to nonholonomic systems. G. N. Kniazev [Trudy] MVTU no. 104:78-90 '61.
Contribution to the theory of fluctuant transitions of various systems from one steady state to another. P. S. Landa, R. L. Stratonovich. Vest. Mosk. un. Ser. 3 Fiz., astron. 17 no. 1:33-45 Ja-F '62.

DYNAMICS, MOLECULAR see Molecular dynamics

DYNAMICS OF A PARTICLE
Dynamic properties of elementary particles and the theory of the scattering matrix. V. B. Beresteteskii. Usp. fiz. nauk 76 no. 1:25-77 Ja '62.
Polarization of transient radiation in the case of an inclined entrance. Izv. AN Arm. SSR. Ser. fiz.-mat. nauk 15 no. 1:115-121 '62.

DYNAMOMETER
Modernized VISKhOM hydraulic traction dynamograph. A. A. Vysotskii. Trakt. i sel'khozmash. 32 no. 2:30-31 F '62.
Recording dynamometer for studying relaxation processes in polymer materials. A. M. Snisarenko, Z. N. Tarasova. Kauch. i rez. 21 no. 2:37-39 F '62.
Testing machinery by means of a set of dynamometers. M. I. Kotochigova. Izm. tekh. no. 3:17-18 Mr '62
Three-component dynamometer for lathes. M. F. Poletika. Izm. tekh. no. 3:18-20 Mr '62.

DYNAMOS see Electric generators

DYSENTERY
Aldolase activity in the mild form of acute bacillary dysentery treated with chlortetracycline and bacteriophage [with summary in English]. G. S. Mironov. Antibiotiki 7 no. 2:155-157 F '62.
Amount of phosphatase and enterokinase in feces of infants in dysentery. I. F. Fasylov. Med. zhur. Uzb. no. 2:27-28 F '60.
Concentration of antibiotics from the tetracycline series after their intramuscular administration in acute dysentery and the state of the intestinal microflora during this method of treatment [with summary in English]. V. N. Krasnogolovets. Antibiotiki 7 no. 2:179-182 F '62.

DYSPROSIUM—ISOTOPES

Coincidences between conversion electrons arising in the decay of $Dy^{153} \rightarrow Tb^{153}$ D S Dzhelepov and others. Izv AN SSSR. Ser fiz 26 no.2 202-204 F '62

DYSPROSIUM—MAGNETIC PROPERTIES

Effect of a helicoidal magnetic structure on the magnetostriction of dysprosium [with summary in English]. K. P. Belov, S A Nikitin. Zhur. eksp i teor fiz 42 no.2:403-407 F '62

DYSTROPHY

Thiamine metabolism in children with rickets and dystrophy. V. I. Belousova kaz. med. zhur. no. 4,51-53 Jl-Ag '61.

DYSTROPHY—PSYCHOSOMATIC ASPECTS

Histopathology of mesogenic dystrophy. V. A. Romasenko. Vop. psikh. no. 4:338-346 '60.

DZHAMBUL PROVINCE—BOOKSELLERS AND BOOKSELLING

With people and for people. R. Tamarina Koop Kazakh. 4 no 3 12-14 Mr '61

DZHAMBULSKIY DISTRICT—BRONZE AGE

The Bronze Age burial mound in the Karakuduk Valley A. G. Maksimova. Trudy Inst. ist., arkheol i etn AN Kazakh. SSR no 12:62-71 '61

DZHAMBULSKIY DISTRICT—MOUNDS

The Bronze Age burial mound in the Karakuduk Valley A. G. Maksimova. Trudy Inst. ist., arkheol. i etn AN Kazakh. SSR no. 12:62-71 '61.

DZHANKOY DISTRICT—CRIMINAL INVESTIGATION

How the Soviet public helps criminal investigators. IU. Rushkin. Rad pravo no 1,105-106 Ja-F '62.

DZHANYBEK REGION—DESERT FLORA

Rhythmic features of the development of main seasonal groups of semidesert plants in the Dzhanybek region G. P. Belostokov Biul. Glav bot sada no 44 56-58 '61

DZHAVAD, KHASHM, 1911-

People and events. Nov. vrem 20 no. 11: 22, 28 Mr '62

DZHEBRAIL DISTRICT—GEOLOGY, STRATIGRAPHIC

Materials on the stratigraphy of Cretaceous deposits in Dzhebrail District, Azerbaijan S. S. R. M. M. Aliev, R. A. Aliev. Dokl. AN Azerb. SSR 17 no. 11:1043-1047 '61.

DZHETY-SU—KAZAKHS

Family tribal make-up of the Kazakhs and their distribution on the Semirech'ye territory V V. Vostrov Trudy Inst. ist., arkheol. i etn AN Kazakh. SSR no 12: 119-135 '61.

DZHEZKAZGAN—AGRICULTURE

Agriculture in the suburbs of Bolshoi Dzhezkazgan; present state and prospects of expansion A I Leonov, S. D. Raevskaia. Trudy Sov po izuch. prolzv. sil Kazakh AN Kazakh. SSR 2,61-82 '61.

DZHEZKAZGAN—CONSTRUCTION INDUSTRY

Do away with hitches in the Dzhezkazgan construction project. E. Volkov. Nar. khoz. Kazakh 20 no 1:17-20 Ja '62.

DZHEZKAZGAN—COPPER MINES AND MINING

Do away with hitches in the Dzhezkazgan construction project. E. Volkov. Nar. khoz Kazakh. 20 no 1:17-20 Ja '62.

DZHEZKAZGAN—ORE DRESSING—HYGIENIC ASPECTS

Medical service for workers in the Dzhezkazgan Concentrating Mill. N. V Mun. Zdrav. Kazakh. 21 no. 10:8-10 '61.

DZHEZKAZGAN DISTRICT—COPPER MINES AND MINING

New mining technology in the Dzhezkazgan Mine M. K. Bupezhanov. Gor zhur no. 11 7-9 N '61

DZHEZKAZGAN DISTRICT—MINING ENGINEERING

Area of use of types of technology in working thick deposits of Dzhezkazgan. I. Z. Lysenko Izv. AN Kazakh SSR. Ser. gor. dela no. 2:16-21 '61.

DZHEZKAZGAN DISTRICT—QUARTZITE

Polovinkina, IU. IR. [Basic and ultrabasic rocks of Karsakpay in connection with the genesis of ferruginous quartzites] Osnovnye i ul'traosnovnye porody Karsakpaia v sviazi s problemoi genezisa zhelezistykh kvartsitov. Moskva, Gos. izd-vo geol. lit-ry, 1952. 86 p. (Leningrad, Vsesoiuznyi geologicheskii institut. Trudy)

DZHEZKAZGAN DISTRICT—ROCK PRESSURE

Centrifugal modeling in studying the stability of chamber roofs as applied to the conditions in Dzhezkazgan A. Ch. Musin, M. T. Bakaev, K. Zh. Takelekov Izv. AN Kazakh. SSR. Ser. gor. dela no. 1:3-17 '61.

DZHRABER REGION—STONE AGE

Upper Acheulean workshop in Dzhraber, Armenia. V. P. Liubin. Krat. soob. Inst. arkheol. no. 82:59-67 '61.

DZUNGARIAN ALA-TAU—RUNOFF

Normal annual runoff and its distribution over the northern slope of the Dzungarian Ala-Tau P. F Lavrent'ev Sbor rab po gidrol no. 1:32-42 '59

Vertical zonality of the sources of runoff for rivers of high-mountain regions P. F. Lavrent'ev, I. S Sosedov Sbor. rab po gidrol no. 1:43-47 '59

EAR—ABNORMITIES AND DEFORMITIES

Surgical treatment for congenital absence of the external auditory canal [with summary in English] A Radzimiński, J Bardach Vest. otorin. no 4 66-72 '61

EAR—CANCER

Case of curing skin cancer of the meatus acusticus externus by radiation using a GUT-CO-20 apparatus (gun), which led to deafness on the ear concerned S. K. Chengeri Med. zhur. Uzb no 9,62 S '61

EAR—DISEASES

Functional state of the cochlear analyzer in hypertension. A. G Ganiev. Med. zhur Uzb. no. 3 59-62 Mr '60.

Local intradermal novocaine block in ear diseases [with summary in English] E. K. Kirko. Vest. otorin no 4: 72-80 '61.

Otogenic abscess of the parietal lobe of the brain resulting in serous meningoencephalitis M S Rozenblat Vest. otorin no 2 104-105 '62.

Pathoanatomical picture of protracted adhesive processes in the middle ear. J. Hybasek. Vest. otorin no 4: 54-59 '61.

EAR—FOREIGN BODIES

Perforation of the ear drum caused by a living foreign body. IU. IA Slobodskii, B. M. Shneider. Zdrav Bel 7 no 6:63 Je '61

EAR—SURGERY

Effectiveness of stapes mobilization in the treatment of otosclerosis [with summary in English] L A Zaritskii, V. A. Gaevskii. Zhur. ush., nos. i gorl. bol. 20 no. 6:20-25 N-D '60

Free skin graft following a radical operation on the middle ear [with summary in English] B I Psakhis Zhur. ush., nos. i gorl. bol. 20 no. 6:70-73 N-D '60.

Functional prognosis of the surgical treatment of otosclerosis [with summary in English]. K. L. Khilov. Zhur ush., nos. i gorl. bol. 20 no. 6:7-12 N-D '60.

Late results of direct mobilization of the stapes and fenestration of the footplate in otosclerosis [with summary in English]. I. A. IAshan. Zhur. ush., nos. i gorl. bol. 20 no. 6:32-39 N-D '60.

New instruments for fenestration of the footplate of the stapes. V. A. Gaevskii. Zhur. ush., nos. i gorl bol. 20 no. 6:86 N-D '60.

Results of operations on the stapes in otosclerosis with ossification of the footplate [with summary in English]. A. I. TSyganov. Zhur. ush., nos. i gorl. bol. 20 no. 6: 39-45 N-D '60.

"Significance of Weber's test in fenestration" by M. Abrakhamovich [translated from the Czech]. Reviewed by V. Z. Tarasiuk. Zhur. ush., nos. i gorl bol. 20 no. 6:94 N-D '60.

Some problems in the functioning of a simplified sound-conducting apparatus for the middle ear [with summary in English] Lubomir Faltýnek Vest. otorin no 2 73-78 '62

State of hearing in otosclerosis at a late period following an operation for indirect mobilization of the stapes [with summary in English]. V. A. Gukovich. Zhur. ush., nos. i gorl. bol. 20 no. 6:25-32 N-D '60

Surgery of the stapes in otosclerosis [with summary in English]. A. I. Kolomiichenko. Zhur. ush., nos. i gorl bol. 20 no. 6:12-20 N-D '60.

They must hear. V. Derkach. Nauka i zhyttia 11 no. 12: 30 D '61.

This man can hear again. V. Horlenko, M. Liubyns'kyi. Ukraina no 4:28 F '62.

Use of polyethylene in surgery on the stapes. V. F. Nikitina Vest. otorin. no. 2, 65-72 '62.

Various types of grafts in tympanoplasty [with summary in English]. Jan Miodonski. Vest otorin no. 2:63-65 '62.

EAR—WOUNDS AND INJURIES

Electrical injury of the ear D. I. Shenker. Vest. otorin. no. 4:90-91 '61

Lightning injury of the organ of hearing. Z. I. Umanov. Vest. otorin. no. 4:91-92 '61.

Prevention of barotrauma of the ears in submarine personnel. M. T. Kroshko. Voen.-med. zhur. no. 6:64-66 Ag '61.

EARTH

Origin of the Earth. I. I. Potapov. Izv. vys. ucheb. zav., geol i razv. 5 no. 1:3-18 Ja '62.

Origin of the earth, its structure and composition. B. IU. Levin Vest. AN SSSR 32 no. 2:9-16 F '62.

Second discovery of the earth B. Liapunov. Tekh. mol. 30 no. 1:3-4 '62.

EARTH—BIBLIOGRAPHY see Bibliography—Earth

EARTH—FIGURE

Critical parallels of the earth's ellipsoid and their angular analogues in crystals B L Lichkov, I I Shafranovs'kyi. Geol zhur 21 no 6,19-23 '61

The figure of our planet. M. Kroshkin. Tekh. mol. 30 no 1:4-5 '62.

EARTH—INTERNAL STRUCTURE

Method of the combined interpretation of geophysical data for purposes of studying the density of deep crustal layers [with summary in English] I. G. Klushin Geol i geofiz no 11 99-107 '61.

Study of deep-lying mineral resources and problems of extradeep drilling. N. A. Beliaevskii, V. V. Fedynskii Sov. geol. 4 no. 12:55-77 D '61

To the center of earth over Mars. G. Gurevich Nauka i zhizn' 28 no 12,94-99 D '61

Way to underground treasures V. K. Kulykovs'kyi. Nauka i zhyttia 11 no 12:24-26 D '61

EARTH—ROTATION

Variation of the rate of the earth's axial rotation during the International Geophysical Year and International Geophysical Cooperation [with summary in English]. N. N. Pavlov, G. V. Staritsyn. Astron. zhur. 39 no. 1: 123-134 Ja-F '62.

EARTH—SURFACE

(see also subdivision under Latvia)

Characteristics of the development of the earth's crust in the Archean and Proterozoic. B. M. Kuz'mo Izv. vys. ucheb. zav. geol i razv. 4 no. 11:3-12 N '61

Crustal structure of platform areas [with summary in English]. I. A. Rezanov. Biul. MOIP Otd. geol 37 no. 1:25-42 Ja-F '62.

Main stages in the development of the earth's crust within the limits of recent continents [with summary in English]. I. A Rezanov Biul. MOIP. Otd. geol. 37 no. 1:8-24 Ja-F '62.

Structure of the earth's crust and some problems of petrography. G. D. Afanas'ev Izv. AN SSSR Ser. geol no. 3:22-35 Mr '61.

EARTH CURRENTS

Steady short-period variations of the field of earth currents. V. V Kubladze, L. V Kizirita. Izv. AN SSSR. Ser. geofiz. no 1:86-89 Ja '62.

EARTH MOVEMENTS

Present-day movements of the earth crust IU D Buianzhe. Vest. AN SSSR 32 no. 2 113-114 F '62.

EARTH SATELLITES see Artificial satellites

EARTH TEMPERATURE

(see also subdivision under Krivoy Rog Basin; Noril'sk region; Pripet Valley)

Determination of the diameter of the zone of disturbance of a thermal field around a hole G. A. Chetaev Zap. LGI 39 no. 2:80-89 '61.

The heat balance of the earth's surface. M. I. Budyko and others. Izv. AN SSSR. Ser. geogr. no 1 6-16 Ja-F '62.

Temperature conditions of the oil-and gas-bearing regions of central and eastern Ciscaucasia I. G. Kissin, E. A. Kazintsev. Geol nefti i gaza 6 no 2:41-45 F '62.

EARTHMOVING MACHINERY

(see also subdivision under Ukraine)

Borshchov, T. S. [Earthmoving machinery] Zemleroinye mashiny. Leningrad, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 320 p.

Machinery makes soil. A. M. Kirilukhin. Nauka i zhizn' 28 no. 12:2-6 D '61.

Zagrudnyi, I. V. [How to obtain high productivity from earthmoving machinery] Kak proizvoditel'no ispol'zovat' zemleroinye mashiny. [Belgorod] Belgorodskoe knizhnoe izd-vo, 1961. 42 p.

EARTHQUAKES

(see also subdivision under Bezymyannyy Volcano; Kopet-Dag)

Calibration of the magnitude scale. I. Vanek and others Izv. AN SSSR. Ser geofiz. no. 2:153-156 F '62

Deformations of the earth's surface associated with catastrophic distant earthquakes. V. F. Bondarenkovskii Izv AN SSSR. Ser geofiz no 2 145-152 F '62

EARTHQUAKES AND BUILDING see subdivision under Kazakhstan

EARTHQUAKES AND BUILDING—CONGRESSES

Session of the Council of Seismology of the Academy of Sciences of the U. S. S. R. devoted to research in the field of engineering seismology V. M. Arkhangel'skaia Izv. AN SSSR. Ser geofiz. no. 3. 394-396 Mr '62.

EARTHS, RARE see Rare earths

EARTHWORK

Working soil by means of shearing. A. S. Parfenov. Izv. vys. ucheb. zav. gstroi. i arkhit. 4 no. 6:121-125 '61.

EAST (FAR EAST) see Far East

EAST (NEAR EAST) see Near East

EAST (SOVIET FAR EAST) see Soviet Far East

EAST EUROPEAN PLAIN—SOIL FORMATION
Some peculiarities of soil formation in the extreme north of the East European Plain [with summary in English] N. A. Kreida Vest LGU 17 no 3,135-144 '62.

EAST GERMANY see Germany, East

EAST KAZAKHSTAN PROVINCE—COLLECTIVE FARMS—LABOR PRODUCTIVITY
How to calculate labor productivity on a collective farm D. M Shushpanov. Uchet i fin v kolkhoz i sovkhoz 19 no. 1;37-42 Ja '62.

EAST KAZAKHSTAN PROVINCE—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK
We are arming the workers with the ideas of the congress. P. Sorokin. Part. zhizn' Kazakh. 32 no 2-12-16 F '62

EAST KAZAKHSTAN PROVINCE—STATE FARMS
Light of my city. O Shestinskii Neva no 10 143-144 '61

EAST KAZAKHSTAN PROVINCE—TRANSPORTATION, AUTOMOTIVE
Loyal helpers. IU Koshelev. Koop. Kazakh. 4 no. 2-15-47 F '61

EASTER
Information on Easter. Sem'ia i shkola 17 no. 3-30 Mr '62

EASTER ISLANDS—ART OBJECTS
The new collections of the Department of Australia and Oceania of the Museum of Anthropology and Ethnography of the Academy of Sciences of the U. S. S. R L. G Rozina. Krat. soob. Inst. etn no. 36;69-74 '62.

EASTERN EUROPE see Europe, Eastern

EASTERN SIBERIA see Siberia, Eastern

EBERTHELLA TYPHOSA
Immunochemical analysis of dissociative forms of typhoid bacteria in relation to changes in their virulence and immunogenic properties [with summary in English] V. G Petrovskaia and others. Zhur. mikrobiol., epid. i immun. 32 no 9 105-112 S '61.
Sensitivity of freshly-isolated strains of typhoid bacilli to various antibiotics and their combinations [with summary in English] T M. Kokhanovskaia, G. O. Popova, E. N. Ulitsko. Antibiotiki 6 no 9;75-79 S '61

EBULLITION
Kutateladze, S. S. [Heat transfer in boiling; Conference on Heat and Mass Transfer, Minsk, January 23-27, 1961] Teploobmen pri kipenii, soveshchanie po teplo-i massoobmenu, g. Minsk, 23-27 ianvaria 1961 g. [Minsk, 1961] 37 p.
[MICROFILM]

ECHMIADZIN—ARCHITECTURE
New materials on the history of the construction of Echmiadzin O. Kh. Khalpakhchi'ian Arkhit nas. 19-131-136 '61

ECLIPSES, SOLAR—1961
Ionospheric effects observed during the solar eclipses of Dec. 2, 1056 and Feb. 15, 1961 in Gorkiy. V. A. Vasin, L. V. Grishkevich. Geomag. i aer. 1 no. 6,940-954 N-D '61.
Ionospheric effect of the solar eclipse of Feb 15, 1961 according to observations in Sukhard R. D. Sukhanova. Geomag. i aer 1 no 6 1016-1017 N-D '61.

ECLOGITE see subdivision under Ural Mountains

ECONOMIC ASSISTANCE, AMERICAN
(see also subdivision under Europe, Western, Japan)
Fedorov, V. F. [The invisible empire] Nevidimaia imperiia. Moskva, Gos. izd-vo polit. lit-ry, 1961. 94 p.
Secrets of American "aid." Victor Perlo Nov vrem. 20 no. 10;7-11 Mr '62.

ECONOMIC ASSISTANCE, RUSSIAN
(see also subdivision under Afghanistan)
Foreign public figures on Soviet assistance. Mezhdunar. zhizn' 9 no 3-165-166 Mr '62.

ECONOMIC COUNCILS, ADMINISTRATIVE see Administrative economic councils

ECONOMIC DEVELOPMENT
Important economic regions of the U. S. S. R. according to the new regionalization and problems of their development. P. M. Alampiev. Izv. AN SSSR. Ser. geog. no 1;57-71 Ja-F '62.

ECONOMIC GEOLOGY see Geology, Economic

ECONOMIC HISTORY
Capitalism is the path of national misery; facts and figures. Komm. Bel. 36 no. 3;66-67 Mr '62.
Comparing the levels of the economic development of two world systems. A. Alekseev. Plan. khoz. 39 no. 3;9-16 Mr '62.
Economic conditions of capitalist countries in 1961. B. Pinegin Mezhdunar. zhizn' 9 no. 4 67-07 Ap '62.
Economically underdeveloped countries in world capitalist economy. V. Rymalov. Mir. ekon i mezhdunar otn no. 3;34-39 Mr '62.
Falkner-Smith, Mary. [Outline history of bourgeois political economy (the mid-nineteenth to the mid-twentieth century)] Ocherki istorii burzhuaznoi politicheskoi ekonomii (seredina XIX - seredina XX vv.) Moskva, Izd-vo sots.-ekon lit-ry, 1961 295 p (CU)
Moscow. Akademiia obshchestvennykh nauk. [Intensification of the decay of capitalism under the conditions of a new stage of general crisis] Usilenie zagnivaniia kapitalizma v usloviiakh novogo etapa obshchego krizisa. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1961. 384 p.

ECONOMIC RESEARCH
(see also subdivision under Ukraine)
The 22d Congress of the CPSU and the further study of the problems of world development Mir ekon i mezhdunar otn no. 3;3-19 Mr '62.

ECONOMIC RESEARCH—CONGRESSES
Problems in the coordination of economic research. V. P. Evstigneev Vest AN SSSR 32 no 3;99-101 Mr '62

ECONOMIC ZONING
(see also subdivision under Georgia, India; Mongolia)
Important economic regions of the U. S. S. R. according to the new regionalization and problems of their development. P M Alampiev Izv AN SSSR. Ser. geog. no 1,57-71 Ja-F '62.

ECONOMICS
(see also subdivision under Germany; States, New, United States)
Pilumin, I. G. [History of economic theory] Istoriia ekonomicheskikh uchenii, ocherki teorii. Pod red. F. IA. Polianskogo. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 260 p.
Criticism of the present-day revisionist concept of the economic role of the state in the transition process from capitalism to socialism B. F. Shakhov Nauch. trudy MTILP no. 18 3-25 '60
Economic laws of the building of communism. A. Pashkov. Kommunist 38 no. 4;90-100 Mr '62
"The economic problems of the transition from socialism to communism," Reviewed by V. Loktev, E. Ryzhenkov. Komm. Bel 35 no 6;71-75 Je '61
How we carry out Lenin's theory of the correlation of economics and politics in the present-day phase of the building of communism in the U. S. S. R. N. I. Azarov Trudy MADI no. 26;101-121 '60
Zagodkin, V. N. [Production of relative surplus value; comments on the fourth section of the first volume of Karl Marx's "Capital"] Proizvodstvo otnositel'noi prilavochnoi stoimosti; kommentarii k IV otdelu I toma "Kapitala" K. Marksa. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 60 p. (V pomoshch' izuchaiushchim "Kapital" K. Marksa)
Lenin's plan for the construction of the basis of socialist economics. O. A. Rybakov. Trudy LKI no 30;101-112 '60.
Putiato, S. M. [Nature of the economic laws of socialism. Economic role of the socialist state] Kharakter ekonomicheskikh zakonov sotsializma Ekonomicheskaia rol' sotsialisticheskogo gosudarstva, lektsii, prochitannye v akademii. Moskva, Mosk. sel'khoz. akad. im K. A Timiriazeva, 1960. 69 p.

ECONOMICS—BIBLIOGRAPHY see Bibliography—Economics

ECONOMICS—STUDY AND TEACHING
(see also subdivision under Kazakhstan)
All-Union conference of the heads of social science departments in the institutions of higher learning. B. V. Gaubikh, A. D. Smirnov, S. T. Kaltakhchian Vest. vys. shkoly 20 no 3;7-35 Mr '62
"Elementary course in political economy" by L. A. Leont'ev Reviewed by F. Vinogradov and others. Polit. samoobr 6 no. 2;132-137 F '62
Vikulov, A. P. [Methodology for preparing and giving lectures on economics] O metodike podgotovki i chteniia lektsii po politicheskoi ekonomii. Leningrad, Ob-vo po raspr. polit. i nauchn. znanii RSFSR, 1961. 46 p.

ECONOMICS, MATHEMATICAL
An important work carried out by the Faculty of Economics Vest. Mosk. un Ser 8 Ekon., filos. 17 no 2 93-95 Mr-Ap '62.
Statistics and mathematics. A. Bolarskii Vest stat. no 3 18-29 '62

ECZEMA
Activity of carbonic anhydrase in the blood and skin of patients suffering from disseminated forms of eczema. L. M. Tatarenko Vest. derm. i ven. no. 2;45-48 '62.
Use of novocaine in the compound treatment of eczema. V. K. Kalgin, IU. I. Fishzon-Ryss. Voen.-med zhur. no 8;78 Ag '61.

EDEMA
Clinical use of hypothiazide in edema of varied origin [with summary in English]. Vrach. delo no. 1;44-50 Ja '62.
Factors responsible for the development of edema in patients with cardiac diseases. V. K. Serkova. Vrach. delo no 1 40-44 Ja '62.
Use of dihydrochlorothiazide (hypothiazide) [with summary in English] IA. IA. Riiv, Kh. M. Khanson. Vrach. delo no. 1 51-54 Ja '62

EDITING
Let's improve the editorial revision of legal publications. Sov gos. i pravo no 2,3-12 F '57.
Rules for the editing of articles. Izv. vys. ucheb. zav.; tekh. leg. prom. no. 1;150-151 '62

EDUCATION
(see also subdivision under Abkhazia; Arab Countries; Baku, Bukhara, Bulgaria; Chuvashia; Cuba, Nenets National Area, Orenburg Province; Poland, Samarkand, Tatar A.S.S.R., White Russia)
All-Russian conference in the Ministry of Education of the R. S. F. S. R. Nach. shkola 30 no 3 93-95 Mr '62
Beauty and richness of man. A. Levshin. Sem'ia i shkola 17 no 1 2-5 Ja '62.
Brief news. Nar. obr. no. 3 106 Mr '62.
Children have the right to happiness... from the letters of Nadezhda Konstantinovna Krupskaia Sem'ia i shkola 17 no 3 6-7 Mr '62
Educational logic. M. N. Alekseev. Sov. pedag. 26 no. 1 37-44 Ja '62
Formation of the new man. Nar. asv. no. 1;3-6 Ja '62.
In the Academy of Pedagogical Sciences. Nar. obr. no 3 123 Mr '62.
In the Ministry of Education of the R. S. F. S. R. Nar. obr. no. 2 123-126 F '62
In the Pedagogical Association of the R. S. F. S. R Nar. obr. no 2 126 F '62
Move forward with the help of science and the experience of progressive workers Nar. obr. no 3 1-7 Mr '62
N. K. Krupskaia on the connection between the work of schools and educational organizations. A. G. Kravchenko Sov pedag. 26 no. 2;96-105 F '62
"Picture atlas of the history of schools and education" [in German] by Robert Alt Reviewed by V. A. Rotenberg, V. M. Klarin. Sov. pedag. 26 no 1;146-149 Ja '62
[Strengthening the connection between school and life, and further development of the public education system in the U. S. S. R.] Ob ukreplenii sviazi shkoly s zhizn'iu i o dal'neishem razvitii sistemy narodnogo obrazovaniia v SSSR, Moskva, Gos. izd-vo iurid. lit-ry, 1961, 342 p. (Vazhneishie zakonodatel'nye akty Soiuza SSR i soiuznykh respublik)
Study of popular pedagogics. IA. I. Khanbikov Dokl. APN 5 no. 3;47-50 '61
Tasks of the CPSU in the field of education and training. Dokl. APN 5 no 5 5-10 '61
Truthful word of an American pedagogue on Soviet schools. I. Bychkov. Nach. shkola 30 no. 3;84-86 Mr '62

EDUCATION—BIBLIOGRAPHY see Bibliography—Education

EDUCATION—CONGRESSES
Symposium E. G. Edwards Mir nauki 5 no. 4 1-2 '61

EDUCATION—PERIODICALS
(see also subdivision under White Russia)
Basic problems of the plan of the "Sovetskaia Pedagogika" periodical for 1962. Sov. pedag. 26 no. 1, 158-160 Ja '62.
Our periodical in 1962. Nach. shkola 30 no. 2,94-96 F '62
Read it in the periodicals. Nar. obr. no. 2 120 F '62.
Read it in the periodicals Nar. obr no 3 115 Mr '62.

EDUCATION, [illegible]
(see a[illegible]
Concer[illegible]

EL[illegible]

EDUCATION, ELEMENTARY
(see also subdivision under Germany, West; Ivanovo Province)

Akademiia pedagogicheskikh nauk RSFSR, Moscow. Institut teorii i istorii pedagogiki. [Educational work with grade [-4 students] Vospitatel'naia rabota s uchashchimisia I-IV klassov, posobie dlia uchitelei i rukovoditelei uchebno-vospitatel'noi raboty v nachal'nykh klassakh shkoly. Pod red. V G. IAkovleva Moskva, Izd-vo Akad. pedagog nauk RSFSR, 1961. 419 p.

In an elementary school with longer hours A Mikhailov. Nar. obr no. 2:78-80 F '62.

What to do with backward students? N Mokretsova. Sem'ia i shkola 17 no 2 15-16 F '62

Work of the schools and groups with longer hours. A. I. Dovgun, G. M. Mel'nikova. Sov pedag. 26 no 1: 70-76 Ja '62

EDUCATION, HIGHER
(see also subdivision under Europe, Western; Leningrad; Poland)

[Bulletin of the Ministry of Higher and Secondary Specialized Education of the U. S. S. R.] Biul. Min. vys. i sred. spets. obr. SSSR no. 2 F '62.

Facts and figures. Vest. vys. shkoly 20 no. 3,66 Mr '62.

Let's make a worthy contribution to the powerful upsurge of agriculture Vest vys shkoly 20 no 3:3-6 Mr '62

EDUCATION, NAVAL see Naval education

EDUCATION, PHYSICAL see Physical education and training

EDUCATION, PRESCHOOL
(see also subdivision under Kuybyshev Province)

Day nurseries and kindergartens. A. M. Palivoda. Doshk. vosp. 35 no. 2:24-26 F '62.

Fruits of Soviet democracy. Doshk. vosp. 35 no. 2: 17-20 F '62.

Law of our life. Doshk. vosp. 35 no. 2:3-6 F '62.

Sorokina, A. I. [Preschool pedagogics; textbook for preschool normal schools] Doshkol'naia pedagogika; uchebnik dlia doshkol'nykh pedagogicheskikh uchilishch. Izd. 3. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 339 p.

Teachers of the generation that will live under communism. A. A. Lobachev. Doshk. vosp 35 no. 2:13-16 F '62.

EDUCATION, PRESCHOOL—CONGRESSES

Conference on sensory education of preschool children. F. Sokhin. Sov. pedag. 26 no. 2:155-159 F '62.

EDUCATION, RURAL
(see also subdivision under Veydeleyka District)

Let's bring knowledge and culture to rural youth. V. Kazantsev. Nar. obr. no. 3 82-84 Mr '62.

EDUCATION, SECONDARY

Track workers are studying. P. S. Lebedev. Put' i put. khoz. 6 no. 2. 25-26 '62.

EDUCATION, TECHNICAL see Technical education

EDUCATION AND CHURCH see Church and education

EDUCATION OF CHILDREN
(see also subdivision under Kazan)

Work is a great educator I. Svadkovskii. Sem'ia i shkola 17 no 2:2-5 F '62.

EDUCATIONAL PSYCHOLOGY

Independent work of students. R. G. Lemberg. Sov. pedag. 26 no. 2:15-27 F '62.

Main ways and means of the psychological preparation of students for work. M. G. Khitiarin. Nach. shkola 30 no. 2:58-63 F '62.

Methods of studying the process of elementary work skills in students. R. A. Nizamov. Dokl. APN S no 2: 25-28 '61.

Post-conscious attention in class. N. F. Dobrynin. Sov. pedag. 26 no. 2:28-36 F '62.

Process of problem solving and the difficulty of forming a fully valid operational subject in the mind. P IA. Gal'perin, L. F. Obukhova. Dokl. APN S no. 2:73-77 '61.

Stimulating students' attention (in teaching mathematics). Report No. 1. Stimulating role of leading examples. G. V. Kalmakchi. Dokl. APN S no. 3:35-38 '61.

EDUCATIONAL PSYCHOLOGY—PERIODICALS

Rules for authors. Dokl. APN S no 5.127 '61

EDUCATIONAL RESEARCH
(see also subdivision under White Russia)

New experimental research in manual training. S. M. Shabalov, I. N. IArovoi. Sov. pedag. 26 no. 1: 132-140 Ja '62.

Test of the experimental study of psychological laws under the conditions of teaching. Report No. 1. Analysis of a practical situation from the point of view of an assumed psychological law. B. B. Kossov. Dokl. APN S no. 3:65-68 '61.

Varieties of class, group and individual homework assignments and the forms of their coordination. E. S Rabunskii. Dokl. APN S no. 3:27-30 '61

EELWORMS see Nematoda

EFFICIENCY, INDUSTRIAL
(see also subdivision under Drogobych, Georgia; White Russia)

[Communists] Kommunisty. Moskva, Izd-vo "Pravda," 1962. 80 p. (Biblioteka "Komsomol'skoi pravdy," no. 1)

Knyshev, I. N., and V. M. Pron'. [Our confident steps] Tverdoi postup'iu. Kiev, 1961 45 p. (Obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii Ukrainskoi SSR. Ser. 1, no 20)

Moral development of personality in the groups of communist labor. V. K. Bakshutov. Nauch. dokl. vys. shkoly; filos. nauki S no. 1:41-48 '62

The new man is born of work. V. Korshuk. Komm. Bel. 36 no. 3:37-42 Mr '62

Readers stories and proposals. G. Likin and others. Mest. prom. i khud. promys. 3 no 2:36-37 F '62

Special features of the struggle between the new and the old during the building of communism S. P. Dudel' Vop. filos 16 no 3:120-130 '62

The watchword: quality. V. Progonov. Komsom. zhizn' no. 3:7-8 F '62.

EGGPLANT

Vegetative hybridization of eggplants and cabbages. I. E. Glushchenko. Agrobiologiia no. 6,854-869 N-D '61.

EGGS—MICROBIOLOGY

Antibiotic properties of the albuminous envelope in chicken, duck and guinea fowl eggs; the problem of immunity in the embryo [with summary in English]. N. A. Movchan. Vest. LGU 17 no. 3,54-65 '62.

EGGS—PRESERVATION

Canning eggs in liquid form F. Pankova, T. Prokof'eva, P. Liutikova Mias. ind. SSSR 32 no 6 22-23 '61

EGYPT—DESCRIPTION AND TRAVEL

Rubinova, Elena. [Lights of Asia; a trip to the East] Ogni Azii; puteshestvie na Vostok. Paris, 1961. 363 p.

EGYPT—FOREIGN RELATIONS—UNITED STATES

The U.S.A. and the Suez. A. Ermolaev. Az. i Afr. seg. no 2:55-56 F '62.

EGYPT—HISTORY

al-Shāfi'ī, Shuhdī Atiyah. [Development of the national liberation movement in Egypt, 1882-1956] Razvitie natsional'no-osvoboditel'nogo dvizheniia v Egipte, 1882-1956. Red. i vstup. stat'ia M. F. Gatullina. Moskva, Izd-vo inostr. lit-ry, 1961. 277 p

Social system of Hellenistic Egypt [with summary in English, pp 219-220]. V. V. Struve Vop. ist. no. 2:87-95 F '62.

EICHMANN CASE

Is the Eichmann case really finished? N. Komiev. Sov. iust no. 3:25-27 F '62.

Price of ashes; remarks on Germany (to be continued). Lev Ginzburg. Znamia 31 no 11:130-156 N '61.

EICOSATETRAENOIC ACID

Production of 5,8,11,14-eicosatetraenoic (arachidonic) acid. IU. B. Platnova and others. Zhur. ob. khim 32 no. 1 142-144 Ja '62.

EIGENFUNCTIONS

Expansion in eigenfunctions of a non-self-adjoint differential operator of even-numbered order in a space of vector functions M. G. Gimadislamov. Dokl AN SSSR 143 no 1 13-16 Mr '62

EIGENVALUES

Asymptotic behavior of the eigenvalues of a linear integral equation with a discontinuous kernel. G. M. Mordasova. Dokl. AN SSSR 142 no. 5:1022-1025 F '62.

EJECTOR PUMPS—COOLING

Redesigning of the cooling system of an ejector. V. M. Liubanskii, E. T. Kuz'min. Energetik 10 no. 3:16-17 Mr '62.

EISENSTEIN, SERGEI MIKHAILOVICH, 1898-1948

Autobiographic notes. Sergei Eisenstein. Isk. kino no. 1:125-140 Ja '62.

EKHABI REGION—GAS, NATURAL—GEOLOGY

Conditions of bedding and some problems in the formation of gas and oil pools of the Ekhabi field. G. G. Groshev. Trudy VNIGRI no. 181:180-190 '61.

EKHABI REGION—GEOLOGY, STRATIGRAPHIC

Dagi series of the Okha-Ekhabi region. N. A. Voloshinova. Trudy VNIGRI no. 181:63-72 '61.

EKHABI REGION—PETROLEUM—ANALYSIS

Nitrogen compounds of petroleum. Part 3: Neutral nitrogen compounds of Sakhalin oil of the Ekhabi field. N. N. Bezinger, M. A. Abdurakhmanov, G. D. Gal'pern. Neftekhimiia 1 no. 5:583-596 S-O '61.

EKHABI REGION—PETROLEUM GEOLOGY

Conditions of bedding and some problems in the formation of gas and oil pools of the Ekhabi field. G. G. Groshev. Trudy VNIGRI no 181:180 [illegible]

EKIBASTUZ—FIRES AND FIRE PREVENTION

With the help of Party organizations M. I. [illegible] Pozh. delo 8 no 2 27 F '62

EKIBASTUZ BASIN—STRIP MINING

Prospects of the expansion of strip mining in the Ekibastuz coal deposit I. P. Tedotov [illegible] no. 1:7-10 Ja '62.

ELASTIC FABRICS

Knitted fabrics made with elastic threads. [illegible] Tekst. prom 21 no. 12 51-52 D '61

ELASTIC PLATES AND SHELLS

Brittle destruction of a plate with a circular o[illegible] [with summary in English]. P. M. Vyzgal[illegible] Leonov. Dop. AN URSR no 2:174-178 [illegible]

Design of a long reinforced plate having a[illegible] arbitrary shape V. O. Geogdzhaev [illegible] no. 3 109-115 '61.

Determination of Green's tensor for a shallow [illegible] elastic base [with summary in English] [illegible] S. M. Shakhmaves'kyi Dop AN URSR no [illegible]

Elastoplastic problem of a circular disk [illegible] symmetrically distributed loads I. P. Pa[illegible] Inzh zhur. 1 no. 3 131-138 '61

Experimental study of the stability of cylindrical [illegible] beyond the elastic limit A. N. Bo[illegible] Dokl AN SSSR 142 no. 2:299-301 Ja '62.

Stability of a thin spherical shell. R. M. [illegible] Issl. po uprug. i plast. no. 1:36-45 '61

Stability of rectangular plates. A. Narimano[illegible] SSR. Ser. tekh nauk 6 no. 1:38-50 '61

Stability of thin shells under the action of hydr[illegible] pressure. V. V. Ponintovskii. Izvl po[illegible] no 1:165-168 '61.

Stressed state of a circular cylindrical shell [illegible] initial deviations from the regular shape [illegible] shtein. Issl. po uprug. i plast no 1 [illegible]

Transcritical deformations of cylindrical shells A. V. Pogorelov. Dokl AN SSSR 142 no. [illegible] '62

ELASTIC PLATES AND SHELLS—VIBRATIONS

Applying the specified theory of plate [illegible] problem of natural vibrations V. N. Mo[illegible] zhur. 1 no. 3:93-101 '61.

Determining the frequencies of free vibrations [illegible] cylindrical shell with elliptic cross sect[illegible] Ivanluta, R. M. Finkel'shtein. Izvl po[illegible] no. 1:46-51 '61.

Generalizing the asymptotic method for the [illegible] problems on eigenvalues for rectangular [illegible] Bolotin Inzh zhur. 1 no. 3.86-92 '61

Investigating forced vibrations of shallow [illegible] panels considering hysteresis losses in [illegible] M. A. Il'gamov. Izv. vys. ucheb. zav. [illegible] 56-65 '61.

Vibrations of a two-span panel in a vacuum [illegible] Makhortykh. Inzh zhur. 1 no. 3, 16[illegible]

ELASTIC RODS AND WIRES

Bending center of thin-walled multiply [illegible] O. G. Rybakina. Issl. po uprug. i plast. [illegible] '61.

Compression of elastic-viscous cylinders [illegible] plastometers with plane-parallel blocks [illegible] skoia. Dokl. AN SSSR 142 no. 6:1289 [illegible]

Elastic bending of a rod with variable curvature [illegible] Lyaov. Izv. vys. ucheb. zav. av. tekh [illegible] '61.

Elastoplastic stability of rods. V. G. [illegible] zhur. 1 no. 3:139-145 '61.

Problem of the natural transverse vibrations [illegible] varying cross section. S. B. Gutsuliak [illegible] SSR. Ser. fiz.-mat. i tekh. nauk no. 5:23 [illegible]

A variant of the solution of I. G. Bubnov's [illegible] V. D. Shaikevich. Izv. vys. ucheb. zav. [illegible] no. 6:14-18 '61.

ELASTIC WAVES

Motion of seismic energy in anisotropic [illegible] Osipov. Izv. AN SSSR. Ser. geofiz. [illegible]

Nature of changes in the propagation velocity [illegible] waves in anisotropic media. I. O. Dal'[illegible] SSSR Ser. geofiz. no. 1:3-10 Ja '62.

ELASTICITY

Bezukhov, N. I. [Fundamentals of the theory of elasticity, plasticity and creep] Osnovy teorii uprugosti, [illegible] nosti i polzuchesti. Moskva, Gos. Izd-vo [illegible] shkola," 1961. 536 p.

Effect of the constancy of the specific volume [illegible] on the character of its minor natural vibrations Anulov. Knuch. i roz. 21 no. 2:13-14 F '62

Effect of unilateral pressure on the natural [illegible] frequency of rock specimens. A. G. Kon[illegible] Izv. AN SSSR. ser. geofiz. no. 1:23 2[illegible] Ja '62

ELASTICITY (Continued)

Elastic properties of ammonium dihydrophosphate and the Laval-Raman theory of elasticity. K. S. Aleksandrov, L. N. Rishinkin. Dokl. AN SSSR 142 no. 6:1298-1300 F '62.

Elastic properties of rock-forming minerals. Report No. 3. Feldspars. K. S. Aleksandrov, T. V. Ryzhova. Izv. AN SSSR. Ser. geofiz. no. 2:186-189 F '62.

Errors in the solution of the elastic problem caused by the substitution of Poisson's ratios. V. I. Fomin. Issl. po uprug. i plast. no. 1:181-182 '61.

Kauderer, Hans. [Nonlinear mechanics. Translated from the German.] Nelineinaia mekhanika. Moskva, Izd-vo inostr. lit-ry, 1961. 777 p. diagrs. (RPB)

The Saint Venant principle. L. N. Vorob'ev, N. T. Glazunova. Izv. vys. ucheb. zav.; fiz. tekh. 4 no. 4:132-137 '61.

Simulating thermal stresses in the plane elastic problem. V. I. Fomin. Issl. po uprug. i plast. no. 1:183-185 '61.

Solution of Lamb's problem for media with weak anisotropy. P. IA. Beriashvili. Izv. AN SSSR. Ser. geofiz. no. 3:385-388 Mr '62.

Solution of the plane problem of the theory of elasticity for an angular sector in an area of stress. A. A. Babloian. Izv. AN Arm. SSR, Ser. fiz.-mat. nauk 15 no. 1:87-101 '62.

Some generalizations of the Hertz problem. I. B. Vol'kovich. Trudy KIIT no. 41:29-36 '61.

Theorem of the reciprocity of work and variational equations in the theory of elasticity [with summary in English]. IU. M. Shevchenko. Dop. AN URSR no. 2:170-172 '62.

Theory of Coriolis's atmosphere. G. L. Krasko, B. IA. Liubov. Dokl. AN SSSR 142 no. 2:326-329 Ja '62.

Ultrasonic method for the determination of the elastic constants of solids. N. V. Rapp. Zav. lab. 28 no. 1:66-68 '62.

ELASTIN

Using gelatin for plotting gauged tables for quantitative determination of collagen and elastin by the hydroxyproline method. S. Elmanov. Mias. ind. SSSR 32 no. 6:58 '61.

ELASTOMERS

Materials of high resilience based on graft copolymers of poly(vinyl chloride) with elastomers. A. A. Berlin and others. Khim. prom. no. 2:96-100 F '62.

ELBOW—FRACTURE

Surgical treatment of fractures and fracture-dislocations of the elbow. L. L. Shaftanskii. Ortop., travm. i protez. no. 12:47 '61.

ELBRUS, MOUNT

Recent activity of the Elbrus Volcano. IU. P. Masurenkov, I. IA. Panteleev. Dokl. AN SSSR 142 no. 6:1369-1371 F '62.

ELECTION LAW

Kim, A. I. [Soviet electoral system.] Sovetskaia izbiratel'naia sistema. Moskva, Gos. izd-vo iurid. lit-ry, 1962. 78 p.

Tumanov, F. V. [Procedure and organization of elections to the Supreme Soviet of the U. S. S. R.] Poriadok organizatsii i provedeniia vyborov v Verkhovnyi Sovet SSSR. Moskva, Gos. izd-vo iurid. lit-ry, 1962. 31 p.

ELECTIONS

Elections to the Supreme Soviet of the U. S. S. R. M. Georgadze. Sov. deput. trud. no. 2:3-10 F '62.

Elections to the Supreme Soviet of the U. S. S. R. Part. zhizn' Kazakh. 32 no. 2:9-11 F '62.

Everbody must vote! Rab. i stal. 30 no. 3, 1-2 Mr '62.

How they hold elections in capitalist countries. L. Dadiani. Kommunist 38 no. 4:108-116 Mr '62.

In the days of the election campaign. Kul't.-pros. rab. 20 no. 2:2-3 F '62.

Krutogolov, M. A. [Elections in our country and in theirs.] Vybory u nas i u nikh. Moskva, Izd-vo In-ta mezhdunarodnykh otnoshenii, 1962. 110 p.

March 18; the day of elections. Ukraina no. 3:1 F '62.

A triumph of socialist democracy. Komm. Vooruzh. Sil 2 no. 5:3-7 Mr '62.

Vodolagin, V. M., G. V. Ivanov, and V. P. Kostin, comps. [Guide for the voter.] Sputnik izbiratelia. Moskva, Gos. izd-vo polit. lit-ry, 1962. 255 p.

ELECTIONS—BIBLIOGRAPHY see Bibliography—Elections

ELECTRETS

Homemade electrets. I. Kriuchkov. IUn. tekh. 6 no. 1:20-21 Ja '62.

Using electrets in focusing electron beams. V. E. Manoilov, D. A. Tairova. Izv. vys. ucheb. zav.; prib. 5 no. 1:3-8 '62.

ELECTRIC APPARATUS AND APPLIANCES

Conference on explosion-proof electrical equipment. E. N. Zikeev, V. A. Khorunzhii. Vest. elektroprom. 33 no. 2:77-78 F '62.

ELECTRIC APPARATUS AND APPLIANCES—SAFETY MEASURES

Conference on explosion-proof electrical equipment. E. N. Zikeev, V. A. Khorunzhii. Vest. elektroprom. 33 no. 2:77-78 F '62.

ELECTRIC ARC

Processes occurring on metal electrodes of an alternating current arc as a source of light for spectra analyses. N. A. Makulov. Trudy Giprotsvetmetobrabotka no. 20:346-375 '61.

Theory of arc discharge columns. S. M. Krizhanskii. Zhur. tekh. fiz. 32 no. 2:185-191 F '62.

ELECTRIC BATTERIES

Determining the impedance of electrolytic cells by the effective current [with summary in English]. O. V. Horodys'kyi, E. V. Panov. Dop. AN URSR no. 2:205-207 '62.

ELECTRIC CABLES

Smirnov, L. P. [Manual on electric line and cable operations.] Monter-Kabel'shchik. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1961. 390 p.

[Technical documentation of cable jointing sleeves.] Tekhnicheskaia dokumentatsiia na kabel'nye mufty. Moskva, Gos. energ. izd-vo.

No. 12. [Pole boxes for SB, AB, and AAB cables with saturated paper insulation carrying 1, 6, and 10 kv.] Machtovye mufty dlia kabelei s bumazhnoi propitannoi izoliatsiei tipov SB, AB i AAB na napriazhenie 1, 6 i 10 kv. 1961. 61 p.

ELECTRIC CABLES—TESTING

Device for checking multistrand cables. F. F. Kan. Energetik 10 no. 3:24-26 Mr '62.

ELECTRIC CAPACITANCE

Capacitance in a stationary charge distribution between electrodes. S. V. Belliustin. Radiotekh. i elektron. 7 no. 3:491-498 Mr '62.

ELECTRIC CHARGE AND DISTRIBUTION

Capacitance in a stationary charge distribution between electrodes. S. V. Belliustin. Radiotekh. i elektron. 7 no. 3:491-498 Mr '62.

Electrostatic properties of an elementary device for storing charges originating on a dielectric target during secondary electron emission. L. A. Serebrov, S. A. Fridikhov. Radiotekh. i elektron. 7 no. 3:509-517 Mr '62.

ELECTRIC CIRCUITS—SAFETY MEASURES

Capacitive and semiconductor shunts in nonsparking circuits. M. A. Rol'nik. Bez. truda v prom. 6 no. 1:18-20 Ja '62.

ELECTRIC CONDUCTIVITY

Anisotropy of conductance and its effect on the flow of a conducting gas in tubes. IA. S. Ufland, A. N. Kanev. Zhur. tekh. fiz. 32 no. 2:249-252 F '62.

Functioning of a primary cell with a solid electrolyte having both ionic and electron conductivity. S. V. Karpachev, S. F. Pal'guev. Trudy Inst. elektrokhim. UFAN SSSR no. 1:101-103 '60.

ELECTRIC CONTACTORS

Modernized type LK-300GM linear contactor. A. V. Farafonov, L. A. Shchegolev. Vest. TSNII MPS 21 no. 1:19-22 '62.

ELECTRIC CONTACTORS—ELECTROMECHANICAL ANALOGIES

Use of electronic simulating devices in the calculation of mechanical vibrations of the contactors of electric apparatus. A. G. Nikitenko, V. I. Baturo. Izv. vys. ucheb. zav.; elektromekh. 5 no. 1:62-73 '62.

ELECTRIC CONTACTORS—VIBRATION

Use of electronic simulating devices in the calculation of mechanical vibrations of the contactors of electric apparatus. A. G. Nikitenko, V. I. Baturo. Izv. vys. ucheb. zav.; elektromekh. 5 no. 1:62-73 '62.

ELECTRIC CONTROLLERS

Contactless excitation regulator of the main generator of a diesel locomotive. V. D. Kuz'michi. Trudy MIIT no. 141:16-25 '61.

Design and calculation of the group controllers of the rolling stock. B. Z. Vaĭnshtein, G. G. Gudavadze, E. B. Kheifits. Vest. TSNII MPS 21 no. 1:15-19 '62.

Reversible system for regulating rotational speed of a d. c. motor with semiconductor keys. T. A. Glazenko. Izv. vys. ucheb. zav.; prib. 5 no. 1:62-73 '62.

ELECTRIC CONTROLLERS—STANDARDS

Devices and equipment for automation. Standartizatsiia 26 no. 2:48-49 F '62.

ELECTRIC CURRENT CONVERTERS

Calculation of the characteristics of a three-phase series inverter. S. D. Avakiants. Izv. vys. ucheb. zav.; elektromekh. 5 no. 1:91-98 '62.

Ionic frequency converter for converting 300 kw. power to 1000 c. p. s. A. V. Bamuner, A. V. Rubchinskii, A. E. Slukhotskii. Vest. elektroprom. 33 no. 2:30-33 F '62.

Sealed mercury-arc electric current converters. T. A. Suetin. Vest. elektroprom. 33 no. 2:23-29 F '62.

Semiconductor power rectifiers and converter devices. S. B. IUditskii. Vest. elektroprom. 33 no. 2:17-23 F '62.

Transistorized d. c. converter in the ER-T-59 regulator. V. V. Pevzner. Energetik 10 no. 2:20-21 F '62.

ELECTRIC CURRENT RECTIFIERS

Bobrov, E. G., and N. F. Kovtun. [Mercury rectifier unit with series-connected rectifying elements.] Rtutnovypriamitel'nyi agregat s posledovatel'nym soedineniem ventilei. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 106 p.

Controlled silicon rectifier. T. A. Zakirov. Izv. AN Uz. SSR Ser. tekh. nauk 6 no. 1:19-27 '62.

Over-all automation of the performance of electric filters. IU. A. Grigor'ev. Energetik 10 no. 2:14-15 F '62.

Rectifying selenium elements suited to currents of higher density. L. kh. Geller and others. Izv. AN Azerb. SSR Ser. fiz.-mat. i tekh. nauk no. 5:65-73 '61.

Study and design of voltage doubling rectifiers. E. A. Karpov. Radiotekhnika 17 no. 3:71-77 Mr '62.

ELECTRIC CURRENTS

Concerning the properties of alternating and direct current. G. P. Minin. Energetik 10 no. 2:36 F '62.

ELECTRIC CURRENTS—GROUNDING

Concerning chapter 1-7 of the "Regulations for the Installation of Electric Systems." A. M. Mavritsyn. Prom. energ. 17 no. 3:59-60 Mr '62.

Stem for superposing grounding on lines. M. P. Grobivker. Bez. truda v prom. 6 no. 1:35 Ja '62.

ELECTRIC CURRENTS—HEATING EFFECTS

Formation of a peculiar surface structure in wires annealed with direct current. D. N. Vasil'kovskii, E. M. Tadzhieva. Fiz. tver. tela 4 no. 1:90-95 Ja '62.

ELECTRIC CURRENTS, EDDY

Concerning the use of an additional contact wire for counteracting the eddy currents in a subway. L. I. Akimfiev. Elektrichestvo no. 2:84-85 F '62.

Dependence of losses due to eddy currents on the magnetic structure of electrical steel. V. V. Druzhinin, T. I. Prasova. Izv. AN SSSR, Ser. fiz. 26 no. 2:276-279 F '62.

ELECTRIC CUTOUTS

(see also subdivision under Ural Mountain region)

Concerning A. F. Chistiakov and B. M. German's articles on the heating of electric cutouts during the winter. V. A. IUditskii. Energetik 10 no. 3:10 Mr '62.

Heating of the oil and drives of 35 to 110 kv. cutouts during winter operation. A. F. Chistiakov. Energetik 10 no. 3:5 Mr '62.

New high-voltage equipment. Energetik 10 no. 2:39 F '62.

Performance of contactors made from metalloceramic preparations with a tungsten base in large electric cutouts. O. K. Teodorovich, G. V. Levchenko. Elektrichestvo no. 2:64-68 F '62.

Russian designs of air switches for large voltages. A. M. Bronshtein. Vest. elektroprom. 33 no. 2:38-44 F '62.

VEI air switches. V. B. Martynov, G. S. Puzyrliskii. Vest. elektroprom. 33 no. 2:34-38 F '62.

ELECTRIC DIPOLE MOMENTS see Dipole moments

ELECTRIC DISCHARGE LIGHTING

"Sirius," the little sun. N. Makarov. Tekh. mol. 30 no. 1:1-2 '62.

ELECTRIC DISCHARGES

Electron distribution by velocities, excitation, and ionization in a positive discharge column in neon. IU. M. Kagan, R. I. Liagushchenko. Zhur. tekh. fiz. 32 no. 2:192-196 F '62.

Investigating the flow in a discharge unit. V. N. Gusev. Inzh. zhur. 1 no. 3:161-165 '61.

Plasma stream in a pulse discharge. L. I. Grachikhin, L. IA. Min'ko, V. E. Pluta. Opt. i spektr. 12 no. 1:120-121 Ja '62.

Study of certain regularities of a pulse discharge. E. V. Kalinin. Elektrichestvo no. 3:89-92 Mr '62.

Study of luminescence arising in electric explosions of thin wires. M. P. Vaniukov, V. I. Isaenko. Zhur. tekh. fiz. 32 no. 2:197-201 F '62.

ELECTRIC DISCHARGES THROUGH GASES

Applicability of the law of similarity to the ignition of a gas discharge in hydrogen [with summary in English]. A. S. Pokrovskaia-Soboleva, B. N. Klimrafel'd. Zhur. eksp. i teor. fiz. 42 no. 2:427-429 F '62.

Concentration of charged particles in the plasma of an arc burning in an atmosphere of argon and helium. V. Kitaeva, V. V. Obukhov-Denisov, N. N. Sobolev. Opt. i spektr. 12 no. 2:178-185 F '62.

Instability of a plasma in a toroidal discharge excited by a traveling electromagnetic field [with summary in English]. R. A. Demirkhanov and others. Zhur. eksp. i teor. fiz. 42 no. 2:338-343 F '62.

Striated positive column of a gas discharge in a longitudinal magnetic field. A. A. Zaitsev, M. IA. Vasil'eva. Radiotekh. i elektron. 7 no. 3:557-565 Mr '62.

Use of discharge in a hollow cathode for the analysis of impurities in silicon. Kh. I. Zil'bershtein and others. Zav. lab. 28 no. 1:43-45 '62.

ELECTRIC DRIVING

Calculation of the smooth regulation of an electric drive using a system consisting of a generator and motor. A. P. Bezrodnyi. Izv. vys. ucheb. zav.; elektromekh. 5 no. 1:83-90 '62.

ELECTRIC DRIVING (Continued)

Electric drives and automatic control in the mining industry. V. S. Tulin Elektrichestvo no 3 1-5 Mr '62

Future development of automated industrial electric drives B. B. Voronetskii Prom. energ 17 no. 3,1-4 Mr '62.

ELECTRIC ENGINEERING

Aksel'rod, F. A., A. P. Gul'denbal'k, and M. P. Zaitsev. [Fundamentals of electrical engineering and electronics; a manual for electric welders] Osnovy elektrotekhniki i elektroniki, dlia elektrosvarshchikov. Moskva, Vses. uchebno-pedagog. izd-vo Profteknizdat, 1961. 183 p.

Foreign patents Elektrosvaz' 16 no 1 75-76 Ja '62

Mansurov, N. N., and V. S. Popov. [Theoretical electrical engineering] Teoreticheskaia elektrotekhnika. Izd. 3., perer. Moskva, Gos. energ. izd-vo, 1961. 655 p.

"Theoretical principles of electrical engineering" by A. E. Kaplianskii, A. P. Lynenko, and L. S. Polotovskii Book review. Izv. vys. ucheb. zav. ,elektromekh 5 no. 1:105-107 '62.

Through the pages of foreign magazines. Svetotekhnika 8 no. 3:31 Mr '62.

Through the pages of trade journals. Energetik 10 no. 2 37-38 F '62.

Through the pages of trade journals Energetik 10 no. 3:36-37 Mr '62.

ELECTRIC ENGINEERING—ABSTRACTS

[Electrical engineering.] Ref. zhur.: Elektrotekh Avtorskii ukazatel' za 1960 g. pt. 2.

[Electrical engineering and electric power.] Ref. zhur., Elektrotekh. i energ. no. 2 F '62.

ELECTRIC ENGINEERING—BIBLIOGRAPHY see Bibliography—Electric engineering

ELECTRIC ENGINEERING—HANDBOOKS, MANUALS, ETC.

Smirnov, B. V. [Handbook for beginning electricians on rural wire broadcasting and communications] Spravochnik molodogo elektromekhanika po sel'skoi sviazi i radiofikatsii Moskva, Vses. uchebno-pedagog izd-vo Profteknizdat, 1961. 431 p

Trunkovskii, L. E. [Electrician's manual on the use of industrial electric power systems] Elektromonter po ekspluatatsii promyshlennykh elektroustanovok. Moskva, Vses. uchebno-pedagog. izd-vo Profteknizdat, 1961. 226 p.

ELECTRIC ENGINEERING—LAWS AND LEGISLATION

Discussing some paragraphs of the Regulations for the Technical Operation of Electric Power Plants Equipped with Internal Combustion Engines as applied to the present day practices of diesel electric power plants A. IU. Vinogradskii Energomashinostroenie 8 no 3 43, 46 Mr '62

ELECTRIC ENGINEERING—MATERIALS

Decrease of the expenditure of materials in designing new equipment. V. V. Titov Elektrosila no 19 6-9 '60

Use of powdered metal materials in electrical engineering. A. B. Al'tman. Vest. elektroprom 33 no 2: 79-80 F '62

ELECTRIC ENGINEERING—SAFETY MEASURES

Russia (1917- R. S. F. S. R.) Glavnoe upravlenie po proizvodstvu elektromontazhnykh rabot. [Safety engineering and industrial hygiene regulations for electrical installation operations, in accordance with the May 7, 1960 decisions of the Central Committee of the Trade Union of Construction and Building Material Manufacturing Workers] Sbornik pravil tekhniki bezopasnosti i proizvodstvennoi sanitarii pri elektromontazhnykh rabotakh. Soglasovan s TsK profsoiuza rabochikh stroitel'stva i promyshlennosti stroitel'nykh materialov 7 maia 1960 g. Moskva, Gos. energ. izd-vo, 1961. 255

"Safety engineering" by P. A. Dolin, P. F. Solov'ev. Reviewed by A. V. Shtenger Bezop. truda v prom 6 no. 2:38 F '62.

Safety engineering regulations for operating and servicing the electric power systems of industrial enterprises Prom energ. 17 no. 3:55-56 Mr '62.

ELECTRIC ENGINEERING—STUDY AND TEACHING

Creating a technical instruction base for the training of rural electrifiers. IU. E. Durasevich. Shkola i proizv. 6 no. 2:76-84 F '62.

Elements of automation in the course on production training in electric engineering. A. I. Ivanov, P. I. Kharnashch. Shkola i proizv. 6 no. 2:24-28 F '62.

ELECTRIC EQUIPMENT INDUSTRY

All-Union V. I. Lenin Electrical Engineering Institute. Vest. elektroprom. 33 no. 2:1-3 F '62.

Decrease of the expenditure of materials in designing new equipment. V. V. Titov. Elektrosila no. 19, 6-9 '60.

Objectives of the S. M. Kirov "Elektrosila" plant in the current seven-year plan. Elektrosila no. 19:3-5 '60

ELECTRIC EQUIPMENT INDUSTRY—STANDARDS

Factory standardization and its effectiveness E. IA. Kazovskii, A. S. Mylarov, P. M. Zemskova Elektrosila no 19 37-47 '60

ELECTRIC EQUIPMENT INDUSTRY—WELDING

Device for welding circular and longitudinal seams (welding manipulator) A. A. Ekk Elektrosila no 19 49-50 '60

ELECTRIC FANS see Fans, Electric

ELECTRIC FIELDS

Effect of an electric field on the formation of crystallization centers. M. I. Kozlovskii Kristallografiia 7 no 1 157-159 Ja-F '62.

Effect of an electric field on the radical recombination luminescence of ZnS, CdS-Cu phosphor A. N. Gorban', V. A. Sokolov. Opt. i spektr. 12 no 1:116-117 Ja '62

Effect of radiation on the properties of Rochelle salt in low electric fields. E. V. Peshikov, S. V. Starodubtsev Fiz. tver. tela 4 no 1:239-245 Ja '62.

Gradients of electric fields set up by electrons at the sites of atomic nuclei V. S. Korol'kov, A. G. Makhanek Opt. i spektr. 12 no. 2:163-170 F '62

Luminescence of powdery phosphors in an electric field F. I. Kolomoitsev, V. P. Izotov, E. V. Stauer. Opt i spektr. 12 no. 1,127-129 Ja '62

Obtaining a series of electric fields with different polarity by means of ultrasonic waves and their application for the generation of electromagnetic waves I. M. Vigdorchik. Trudy KHIIT no 41,68-73 '61

ELECTRIC FIELDS—MEASUREMENT

Comparison of methods for checking frame-type field strength measuring devices in induction and radiation fields. V. S. Buzinov. Trudy inst Kom. stand., mer i izm. prib. no. 53 103-105 '61

Measuring electric field strength of a corona discharge. F. IA. Izakov Izm. tekh no 2:40-43 F '62

ELECTRIC FILTERS

Over-all automation of the performance of electric filters IU. A. Grigor'ev Energetik 10 no 2 14-16 F '62

Single-link narrow-band magnetostriction filters. IA. I. Velikin, E. V. Zelikh, A. I. Ivanova Elektrosviaz' 16 no 2 51-59 F '62

ELECTRIC FISHING

Some data on the reaction of Atlanto-Scandinavian herring to artificial light. S. Overko Trudy BaltNIRO no.7 59-62 '61

ELECTRIC FREQUENCY MEASUREMENTS see Frequency measurements

ELECTRIC FURNACES

(see also subdivision under Armenia)

Change in the phase voltages of electric ore-smelting furnaces V. S. Lerner Vest elektroprom 33 no 2 62-65 F '62.

Concerning the design of electric ore smelting furnaces. P. V. Sergeev Elektrichestvo no 3:32-37 Mr '62

Developing a procedure for the making of limestone and alumina semifinished products for the preparation of synthetic slag S. G. Voinov and others Stal' 22 no 2 126-132 F '62

Donskoi, A. V., and S. M. Kullashov. [Electrothermics] Elektrotermiia. Moskva, Gos. energ. izd-vo, 1961. 311 p.

Ferromagnetic screens for induction furnaces. I. A. Toropov Elektrichestvo no. 3:43-45 Mr '62.

Heat balance of electric shaft furnaces. N. V. Galitskii. Titan i ego splavy no. 5:264-266 '61.

Method for calculating nonsymmetrical three-phase networks for electric arc furnace systems. N. A. Markov, N. A. Poliakova. Elektrichestvo no. 2:33-37 F '62.

ELECTRIC FURNACES—EQUIPMENT AND SUPPLIES

Electromagnetic agitation of molten aluminum in the furnace A. I. Leushin Izv. vys. uchеb. zav., tsvet. met. 5 no. 1 94-100 '62

ELECTRIC FURNACES—TECHNOLOGICAL INNOVATIONS

Consumption of electric power has been reduced. A. N. Sobolev. Mashinostroitel' no 2:21 F '62.

ELECTRIC GENERATORS

(see also subdivision under Ukraine)

Creators. M. Nachinkin. Ogonek 40 no. 7:8 F '62.

Experience in adjusting the parallel operation of generators with mixed excitation. L. B. Rivlin, V. P. Terent'ev Energetik 10 no. 3:22-23 Mr '62.

Granovskii, V. L. [New ways for obtaining electric power] Novye puti polucheniia elektricheskoi energii. Moskva, Izd-vo "Znanie," 1962. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 4, Tekhnika, no. 22)

Shcherbakov, O. K. [Electronic and transistor voltage regulators for low and medium power d. c. and a. c. generators] Elektronnyi i poluprovodnikovyi regulatory napriazhenila dlia generatorov postoiannogo i peremennogo toka maloi i srednei moshchnosti. Moskva, In-t tochnoi mekhaniki i vychislitel'noi tekhn. Akad. nauk SSSR, 1957. 18 p.

Special features of the automatic excitation control system of the generators of a power plant feeding two electric power systems. G. V. Miklinevich, G. F. Kozlovskii. Elektrichestvo no. 2:1-5 F '62.

3PG parametric generator. M. Marinescu, R. P. Zhezherin. Elektrichestvo no. 3:87-88 Mr '62.

Ways to prevent the damage of generators. A. R. Mushinskii. Elek. i tepl. tiaga 6 no. 2:17-18 F '62.

ELECTRIC HEATING—CONGRESSES

Fourth Conference on High Frequency Electrothermics A. V. Donskoi. Elektrichestvo no 2:92-93 F '62.

ELECTRIC HOUSEHOLD APPLIANCES see Household appliances, Electric

ELECTRIC INDUSTRIES—QUALITY CONTROL see subdivision under Moscow

ELECTRIC INDUSTRIES—TECHNOLOGICAL INNOVATIONS see subdivision under Erivan

ELECTRIC INDUSTRY WORKERS

(see also subdivision under Moscow)

At high altitudes I. Vorob'ev Sov. foto 22 no. 3-11-13 Mr '62

ELECTRIC INSTRUMENTS see subdivision under Erivan

ELECTRIC INSULATORS AND INSULATION

(see also subdivision under Ural Mountain region)

Andrianov, K. A. [Macromolecular compounds for electrical insulation] Vysokomolekuliarnye soedineniia dlia elektricheskoi izoliatsii. Moskva, Gos. energ. izd-vo, 1961. 327 p. (Polimery v elektroizoliatsionnoi tekhnike, no. 1)

[MICROFILM]

Gamaliunov, N. I., ed. [Mechanization of the manufacture of electrical insulating materials of winding insulation, and drying as well as saturating operations] Mekhanizatsiia proizvodstva elektroizoliatsionnykh materialov, izoliatsionno-obmotochnykh i sushil'no-propitochnykh rabot. [By] V. A. Bromberg i dr. Moskva, Gos. energ. izd-vo, 1961. 99 p.

How we eliminated the malfunctioning of the sectional cutoff drives. A. P. Bogolubov, N. A. Artiushin Elek. i tepl. tiaga 6 no 2 9-10 F '62

Investigation of a high-voltage insulator placed in an electrolytic tub under a downfall of rain. B. E. Tasheva Elektrichestvo no 1:69-76 Mr '62.

Study of the discharge characteristics of soiled insulators. E. V. Korbug, S. D. Merkhalev, G. S. Stankevich. Elektrichestvo no 3:76-81 Mr '62

Supporting pantograph insulators made from glass reinforced plastics B. M. Cherniavskii Elek. i tepl. tiaga 6 no 2 22 F '62.

Use of electric insulation on substations located in districts with polluted air A. P. Burkatskii, M. G. Kucherenko, F. I. Kollada. Energetik 10 no 3:26 Mr '62

Use of polymers in electrical insulation. K. I. Zabyrina, M. B. Fromberg. Vest. elektroprom 33 no 2:50-55 F '62

ELECTRIC LAMPS see subdivision under Erivan

ELECTRIC LAMPS, FLUORESCENT see Fluorescent lamps

ELECTRIC LAMPS, INCANDESCENT

Small-sized incandescent lamps for ships. Svetotekhnika 8 no. 3:32 Mr '62.

ELECTRIC LAMPS, INCANDESCENT—FILAMENTS

Orientation of parts by means of a sieve [with summary in German]. A. Augstkalns Izv. AN Latv SSR no. 11 37-46 '61.

ELECTRIC LIGHT FIXTURES

Practice of applying the "Regulations for the installation of electric power systems" to the installation and operation of lighting fixtures. S. A. Sheidin. Svetotekhnika 8 no. 3:20-21 Mr '62.

ELECTRIC LIGHTING

Criteria for evaluating glare discomfort. M. M. Epanechnikov, Fan' Chzhi-fyn', [Fan Chin-fen]. Svetotekhnika 8 no. 3:1-6 Mr '62.

Work of the lighting engineering section of the Moscow Scientific Technological Society of the Power Industry in 1961. G. I. Ashkenazi. Svetotekhnika 8 no. 3,29 Mr '62.

ELECTRIC LIGHTING—STANDARDS

Concerning the proposed norms on electric lighting. N. K. Rolin. Svetotekhnika 8 no. 3:19 Mr '62.

ELECTRIC LIGHTING, FLUORESCENT see Fluorescent lighting

ELECTRIC LINES

Grounding of cable structures. Prom. energ. 17 no. 3: 57 Mr '62.

Smirnov, L. P. [Manual on electric line and cable operations] Montor-kabel'shchik. Moskva, Vses. uchebno-pedagog. izd-vo Profteknizdat, 1961. 300 p.

ELECTRIC LINES—MEASUREMENT

Error of the bridge method for locating damages in the insulation of communication cables. L. A. Parikozhka. Elektrosviaz' 16 no. 1 62-70 Ja '62.

ELECTRIC LINES—OVERHEAD

(see also subdivision under Armenia)

Choice of the wire size for low-voltage rural power distribution networks. R. G. Akopian. Mekh. i elek. sots. sel'khoz. 20 no. 1:46 '62.

Parallel erection of electric cables of overhead power transmission lines. Prom. energ 17 no. 3:58 Mr '62.

ELECTRIC LINES—OVERHEAD (Continued)

[Technical documentation of cable jointing sleeves] Tekhnicheskaia dokumentatsiia na kabel'nye mufty. Moskva, Gos. energ. izd-vo.

No. 12. [Pole boxes for SB, AB, and AAB cables with saturated paper insulation carrying 1, 6, and 10 kv.] Machtovye mufty dlia kabelei s bumazhnoi propitannoi izoliatsiei tipov SB, AB i AAB na napriazhenie 1, 6 i 10 kv. 1961. 61 p.

Volt-ampere characteristics and carrying capacity of nonlinear thervite resistors for commutational discharges. V. I. Pruzhinina-Gronovskaia, N. M. Kozlova, R. M. Kochetkova. Elektrichestvo no. 2,74-77 F '62

ELECTRIC LINES—POLES

Construction of cranes based on truck mounted towers for the installation of electric poles. G. S. Nesterenko, G. M. Tokarevich. Energetik 10 no. 3,26-27 Mr '62

New design of hooks for climbing wooden poles. F. S. Breus. Energetik 10 no. 3 32-33 Mr '62

Problems in the technology of producing prestressed concrete supports for overhead communication lines. G. S. Rodov, V. A. Semenov. Trudy Zap.-Sib. fil. ASIA no. 3,91-110 '60.

Sokolov, A. G. [Transmission line towers] Opory linii peredach, raschet i konstruirovanie. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 170 p.

ELECTRIC LINES—TESTING

Concerning the time intervals at which short high-voltage cables should be tested. V. I. Pogarskii. Energetik 10 no. 3:34 Mr '62.

ELECTRIC LINES—UNDERGROUND

Protection of underground cables against mechanical damages. Prom. energ. 17 no. 3:57 Mr '62

ELECTRIC LOCOMOTIVES

Antiskid device for ChS1 and ChS3 electric locomotives. S. D. Lemeshchenko, I. P. Khomunzhii, Iu. D. Kutkov. Elek. i tepl. tiaga 6 no. 2 15-16 F '62

Frequencies of the self-oscillations of electric locomotives with a two-stage elastic suspension. I. M. Popov. Vest. TSNII MPS 21 no. 1 14-15 '62

Marchenko, Iu. V., and G. N. Nikitin. [Maintenance and operation of electric a. c. locomotives] Obsluzhivanie i ekspluatatsiia elektrovozov peremennogo toka. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenia, 1961. 234 p.

Nonlinear networks containing steel used for the relay protection of a. c. locomotives. A. D. Drozdov, V. V. Nechitailov, V. I. Kopytov. Izv. vys. ucheb. zav. ;elektromekh. 5 no. 1:55-61 '62.

Practical advice for the operator of the recuperative VL22^{m} electric locomotive. S. M. Abiashin. Elek. i tepl. tiaga 6 no. 2 34-35 F '62.

Rykov, I. I. [High-speed switchgear of d. c. locomotives] Bystrodeistvuiushchie vykliuchateli elektrovozov postoiannogo toka. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenia, 1961. 71 p. (Bibliotechka mashinista elektrovoza)

Ways to protect the power circuit of the N8 electric locomotive in case of a damaged differential relay. N. V. Romanov. Elek. i tepl. tiaga 6 no. 2 33-34 F '62

ELECTRIC LOCOMOTIVES—BIBLIOGRAPHY see Bibliography—Electric locomotives

ELECTRIC LOCOMOTIVES—COLD WEATHER OPERATIONS

Characteristics of the operation of N8 electric locomotives in winter. N. F. Bogatyrev, L. I. Titerev. Elek. i tepl. tiaga 6 no. 2 3-4 F '62

ELECTRIC LOCOMOTIVES—CONGRESSES

Conference on the quality of electric locomotive manufacture. A. S. Shevlsov. Izv. vys. ucheb. zav. ;elektromekh. 5 no. 1:109-112 '62.

ELECTRIC LOCOMOTIVES—COOLING

Kaz'lanov, A. V., and others. [Heat exchange systems of series N60 a. c. electric locomotives] Teploobmennye ustroistva elektrovozov peremennogo toka serii N60. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenia, 1961. 22 p.

ELECTRIC LOCOMOTIVES—ELECTRIC EQUIPMENT

Transition coil for N60 electric locomotives. A. T. Zheleznlakov. Elek. i tepl. tiaga 6 no. 2:40-42 F '62.

ELECTRIC LOCOMOTIVES—INSPECTION

Russia (1923- U. S. S. R.) Glavnoe upravlenie po remontu podvizhnogo sostava i proizvodstvu zapasnykh chastei. [Technical instructions for checking the driving gears of electric trains and diesel locomotives] Tekhnicheskie ukazaniia po proverke zubchatykh koles tiagovykh peredach elektropodvizhnogo sostava i teplovozov. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenia, 1961. 91 p.

ELECTRIC LOCOMOTIVES—MAINTENANCE AND REPAIR see subdivision under Sverdlovsk

ELECTRIC LOCOMOTIVES—PRODUCTION STANDARDS see subdivision under Novocherkassk

ELECTRIC LOCOMOTIVES—SAFETY DEVICES

Measures which helped to increase the reliability of the armature bearings of ChS1 electric locomotive. N. N. Eltanskii. Elek. i tepl. tiaga 6 no. 2 10-12 F '62

ELECTRIC MACHINERY

Concerning the possible use of microwave equipment for checking the performance of electric current collectors. I. A. Barsukov. Vest. elektroprom. 33 no. 2 66-71 F '62

Concerning V. A. IAkovenko's article "Calculation of commutating flux rise for suddenly applied loads." IA. Shtepina, I. Bendl, V. A. IAkovenko. Elektrichestvo no. 2,89-92 F '62

Effect of the disruption of the even surface of a collector on the operation of the brush contact. A. P. Kuchumov, A. M. Trushkov. Izv. vys. ucheb. zav. ;elektromekh. 5 no. 1:101-104 '62.

Electromotive forces induced in the rotor winding of an asynchronous machine with a large air gap. R. R. Parts. Elektrichestvo no. 3,37-42 '62.

Practice of placing high-voltage rotating machinery in operation without preliminary drying. S. A. Gorodetskii. Prom. energ. 17 no. 3:31-33 Mr '62

Problems in the theory of an asynchronous machine with a periodically varying internal induction. P. A. Sviridenko. Nauch. trudy MTILP no. 18 216-223 '60

Through the pages of trade journals. Prom. energ. 17 no. 3:61 Mr '62

Use of a calibrated d. c. motor for derivation of mechanical characteristics. V. N. Andrianov, IU. A. Sementak. Prom. energ. 17 no. 3,12-13 Mr '62

Valve discharger for the protection of electric machinery. D. V. Shishman, N. N. Mekhova, V. D. Rozet. Vest. elektroprom. 33 no. 2,75-77 F '62

ELECTRIC MACHINERY—COOLING

Moskvitin, A. I. [Direct cooling of electric machinery] Neposredstvennoe okhlazhdenie elektricheskikh mashin. Moskva, Izd-vo Akad. nauk SSSR, 1962, 233 p.

ELECTRIC MACHINERY—DESIGN AND CONSTRUCTION

Vinogradov, N. V. [Manufacture of electric machinery] *Proizvodstvo elektricheskikh* mashin. Moskva, Gos. energ. izd-vo, 1961. 310 p.

ELECTRIC MACHINERY—DIRECT CURRENT

Conference on the commutation of d. c. machinery. Elektrosila no. 19 58 '60.

"DC machinery design" by IA. S. Gurin and M. N. Kuznetskin. Reviewed by M. F. Antipov and others. Elektrichestvo no. 3,95-96 Mr '62.

Regulated d. c. machinery with permanent magnets and nonsymmetric poles. L. M. Palaatin, A. M. Lapshinov. Elektrichestvo no. 2;48-51 F '62

ELECTRIC MACHINERY—MAINTENANCE AND REPAIR

Socket-brace for removing the bearing from the rotor shaft. P. I. Konyshev. Energetik 10 no. 2 16-17 F '62.

ELECTRIC MACHINERY—POLYPHASE

Multiphase inductor machinery with unlike poles. N. N. Lovin, G. L. Shturman. Elektrichestvo no. 2:52-55 F '62.

ELECTRIC MACHINERY—WINDINGS

Barombo, K. N., and L. M. Bernshtein. [Drying, saturation, and compounding of electrical machinery windings] Sushka, propitka i kompaundirovanie obmotok elektricheskikh mashin. Moskva, Gos. energ. izd-vo, 1961. 367 p.

Effect of the intensity of ventilation on the heating of the windings of electric traction machinery. V. D. Kuz'michev. Trudy MIIT no. 141;4-8 '61.

Resistance of the circuit of a double and triple-throw armature winding for equalizing currents. P. M. Ipatov. Izv. vys. ucheb. zav. ;elektromekh. 5 no. 1:28-36 '62.

ELECTRIC MACHINERY, SYNCHRONOUS

Apsits, V. V. [Synchronous machinery with hooked poles] Sinkhronnye mashiny s kogtoobraznymi polius*mi. Riga, Izd-vo Akad. nauk Latviiskoi SSR, 1959, 297 p.

El'kind, IU. M. [Experimental study of electromechanical processes in synchronous machinery, methods for measuring and oscillographic recording of electric currents, power, vibrations, and deformations] Eksperimental'noe issledovanie elektromekhanicheskikh protsessov v sinkhronnykh mashinakh; metody izmerenila i ostsillografirovaniia tokov, moshchnosti, vibratsii i deformatsii. Moskva, Gos. energ. izd-vo, 1961. 230 p.

Use of a similarity method for the determination of the rotor resistance of a salient-pole synchronous machine. A. V. Ivanov-Smolenskii, P. I. Lapchenko. Izv. vys. ucheb. zav. ;elektromekh. 5 no. 1:20-27 '62.

ELECTRIC MACHINERY INDUSTRY see subdivision under Moscow

ELECTRIC MACHINERY INDUSTRY—SAFETY MEASURES see subdivision under Armenia

ELECTRIC MEASUREMENTS

Checking of the resistance of a phase-zero loop in systems with dead ground neutral lines and voltages up to 1000 volts. G. P. Minin. Prom. energ. 17 no. 3:60 Mr '62.

Device for obtaining two equal quadrature voltage vectors. M. S. Roitman. Izm. tekh. no. 3:40 Mr '62.

Errors of a coaxial calorimeter-type power measuring device due to unequivalent heat losses. A. V. Grigor'ev and others. Trudy inst. Kom. stand., mer i izm. prib. no. 5,3 10-20 '61

Error of the bridge method for locating damages in the insulation of communication cables. I. A. Parikozhin. Elektrosviaz' 16 no. 1 62-70 '62

Error of the VIM-1 thermistor bridge in measuring impulse power. V. D. Frumkin. Trudy inst. Kom. stand. mer i izm. prib. no. 53 21-28 '61

Method for reproducing small high-frequency voltages. B. E. Rabinovich. Trudy inst. Kom. stand., mer i izm. prib. no. 5 3-20-35 '61.

New components for high-voltage measuring devices. A. M. Dubinin and others. Vest. elektroprom. 33 no. 2 14-49 F '62

Problem concerning the measurement of magnetodielectrics in the S band. I. A. Glinskii, A. F. Kuracvskii. Trudy inst. Kom. stand., mer i izm. prib. no. 5,3 80-94 '61

Problems in measuring currents and voltages at infralow voltages. V. P. Karpenko. Izm. tekh. no. 3,34-36 Mr '62

Stable amplifier for measuring the pH value of solutions with a glass electrode. A. D. Semenov, I. V. Bunkev. Gidrokhim. mat. 31:157-163 '61

Standard method for the reproduction of several harmonics of small high-frequency voltages. B. E. Rabinovich. Trudy inst. Kom. stand., mer i izm. prib. no. 53 36-41 '61.

Study of the errors of approximation formulas for calculating the dielectric permeability measured by a resonance method. O. V. Sleinkina. Trudy inst. Kom. stand. mer i izm. prib. no. 53 56-67 '61.

Study of the errors of standard equipment for the reproduction of small voltages with a frequency up to 1,000 mc. G. M. Strizhkov. Trudy inst. Kom. stand., mer i izm. prib. no. 53 45-55 '61

Use of a square-law detector for increasing the accuracy of attenuation measurements. E. I. Strelkova. Trudy inst. Kom. stand., mer i izm. prib. no. 53 56-61 '61

Use of indium arsenite in Hall transducers. S. G. Tarasov. Shor. trud. Inst. elektrotekh. AN URSR no. 21 56-62 '61.

Use of short-circuiting plunger in studying a method for measuring attenuation. F. I. Strelkova. Trudy inst. Kom. stand., mer i izm. prib. no. 53 62-71 '61.

Vector measuring device recording in the rectangular system of coordinates. A. I. TSiiber. Izv. vys. ucheb. zav. ;prib. 5 no. 1:27-30 '62.

X-ray diffraction and dielectric study of the system $Pb'TiO_3$ - $LaFeO_3$. S. A. Fedulov and others. Izv. AN SSSR, Ser. fiz. 26 no. 3:357-361 Mr '62.

ELECTRIC MEASUREMENTS—CONGRESSES

Development of automatic control methods and electric measurements. M. P. TSapenko. Vest. AN SSSR 32 no. 3:98-99 Mr '62.

ELECTRIC METAL CUTTING

Electric-pulse machining of parts of pneumatic and hydraulic equipment. S. FA. Bellin. Stan. i instr. 33 no. 3,21-23 Mr '62.

Surface air-arc cutting with alternating current. I. S. Shapiro, I. N. Seredkin. Svar. proizv. no. 2:23-25 F '62.

ELECTRIC METERS

(see also subdivision under Vilnius)

Electric meter for determining the efficiency of the ESh-4/40 excavator. 74-75 N '6[illegible]

New com[illegible] A. M. [illegible] 44-4

ELEC[illegible]

Eff[illegible] ol[illegible] ne[illegible]

ELE[illegible]

Del[illegible] re[illegible] li[illegible]

Ele[illegible] af[illegible] pa[illegible]

Ho[illegible] ci[illegible] i[illegible]

Pr[illegible] pl[illegible] '6[illegible]

Sa[illegible] n[illegible] k[illegible] E[illegible] li[illegible]

ELE[illegible]

Ele[illegible] G[illegible]

ELECTRIC MOTORS, DIRECT CURRENT

Reversible system for regulating rotational speed of a d. c. motor with semiconductor keys. T. A. Glazenko Izv. vys. ucheb zav ;prib. 5 no 1:62-73 '62

ELECTRIC MOTORS, INDUCTION

Diagram for determining the sizes of cables, wires, and fuses used in connecting an asynchronous motor to a power supply network G S. Nesterenko, G M Tokarevich. Energetik 10 no 3 27-20 Mr '62

Exact circular diagram of an asynchronous motor. A. A Efendizade, B. A. Listengarten. Dokl AN Azerb. SSR 17 no. 11;1053-1057 '61.

Special features in the design of three-phase asynchronous braking motors with tapered rotors. V. G. Tomnadze, IU. I. Chkhikvadze. Elektrichestvo no 3,46-50 Mr '62.

ELECTRIC MOTORS, SYNCHRONOUS

Concerning the change in the network of a magnetic control system of the SDK-320-333 synchronous motor. P D Fokin. Energetik 10 no. 2 22 F '62.

Concerning the heating-up of the solid rotor of a synchronous motor during its starting O. V. Ivanova, S. G. Shotrova Elektrichestvo no 2:56-58 F '62

ELECTRIC NETWORK ANALYZERS

Device for measuring the total power losses in the model of an a. c. network. V. M. Bykov, F. A. Zykin, I. M. Ushakov Izv. vys. ucheb. zav. ,energ 5 no. 1:37-12 Ja '62.

Glukhov, V. P., and E. A. Jakubaitis. [Physical simulation of choke-type magnetic amplifiers] Fizicheskoe modelirovanie drossel'nykh magnitnykh usilitelei, Riga, Izd-vo Akad. nauk Latvitskoi SSR, 1961. 191 p.

ELECTRIC NETWORKS

Analysis of two-stage parametric frequency converters M. E. Movshovich Radiotekhnika 17 no. 3 26-36 Mr '62.

Calculation of the optimum parameters of networks with parallel control. M. E. Zuhkov Vest. elektroprom. 33 no 2;58-62 F '62

Concerning a certain method for reducing multiterminal networks to an equivalent four-terminal network A A. Tfitin. Radiotekhnika 17 no. 3 10-18 Mr '62.

Concerning the application of Chaplygin's theorem A. D. Shkol'nikov Radiotekh. i elektron. 7 no. 3 576 Mr '62.

Method for calculating nonsymmetrical three-phase networks for electric arc furnace systems N. A. Markov, N. A. Poliakova. Elektrichestvo no. 2;33-37 F '62.

Method for determining the highest order of the differential equation of a linear electric network. S. L. Fridman Elektrosviaz' 16 no. 1,50-54 Ja '62

Problem concerning the passage of an AM signal through linear four-terminal networks L. O. Rodnianskii. Elektrichestvo no. 3;53-57 Mr '62.

Propagation of pulses in real cable networks with a coaxial and balanced design. LI Grodnev Elektrosviaz' 16 no. 2,60-66 F '62

Pulse shaping by parabolic lines. O. N. Litvinenko. Radiotekhnika 17 no 2;42-50 F '62

Relative changes of the main parameters of networks with variation of n parameters of their elements. L. IA Nagornyi Elektrosviaz' 16 no 2:30-44 F '62.

Remarks concerning A. S. Sergeev's article "Conversion of the structural networks of multistage system with transverse parallel excitation." S. A. Kovchin, A. Sergeev. Izv. vys. ucheb. zav. ;elektromekh. 5 no. 1: 113 '62.

Replies to B. IA. Bekker's article "Industrial a. c. signaling networks." O. A. Katsenovich, R. L. Abiatipov, A. I. Kropotov. Energetik 10 no. 2 6-10 F '62.

Switching relationships and independent initial conditions for electrical networks. A. S. Rozenfel'd, B. I. IAkhinson. Elektrichestvo no. 3;50-53 Mr '62.

Use of numerical boundary methods for designing pulse-voltage rectifiers for networks with an equivalent power rating. F. M. Kharchenko. Zbir. prats' z chchys. mat i tekh. 3;57-64 '61.

ELECTRIC OSCILLATORS see Oscillators, Electric

ELECTRIC POWER
(see also subdivision under Europe, Western; United States)

Literature in the field of industrial electric power production. Prom. energ. 17 no. 3;61 Mr '62.

Maksimov, A. A. [Economy in the use of electric power in industrial enterprises] Ekonomiia elektroenergii na promyshlennykh predpriiatiiakh. Moskva, Gos. energ. izd-vo, 1961. 119 p. (Za ekonomii elektricheskoi i teplovoi energii)

Maksimov, A. A. [Saving of electric power in industrial enterprises] Ekonomiia elektroenergii na promyshlennykh predpriiatiiakh. Moskva, Gos. energ. izd-vo, 1961. 119 p. (Za ekonomiiu elektricheskoi i teplovoi energii)

The year of great achievements. Energetik 10 no. 2:1-4 F '62.

ELECTRIC POWER—ABSTRACTS

[Electrical engineering and electric power.] Ref. zhur.: Elektrotekh. i energ. no. 2 F '62.

ELECTRIC POWER DISTRIBUTION

ARS-61-T apparatus for the remote control of rural electric power distribution networks. V. E. Efremov. Mekh i elek sots. sel'khoz 20 no 1;51-54 '62

Calculation of economical distribution of real and reactive power in an electric power system with given limitations in its operation K. A. Smirnov. Elektrichestvo no 3;6-9 Mr '62

Checking of the resistance of a phase-zero loop in systems with dead ground neutral lines and voltages up to 1000 volts G. P. Minin. Prom energ. 17 no 3;00 Mr '62

Concerning the properties of alternating and direct current G. P. Minin Energetik 10 no 2 36 F '62.

Device for measuring the total power losses in the model of an a. c. network V. M. Bykov, F. A. Zykin, I. M. Ushakov. Izv vys ucheb zav ,energ 5 no 1;37-42 Ja '62.

Economical choice of an electric transformer with aluminum windings. K. k. Balashov. Izv. vys. ucheb. zav. , energ. 5 no. 1-7-14 Ja '62

Economically effective choice of the power rating of electric transformers I. D. Kutlavin Izv vys. ucheb. zav. ,energ 5 no 1;1-6 Ja '62

Experience in adjusting the parallel operation of generators with mixed excitation. L. B. Rivlin, V. P Terent'ev. Energetik 10 no. 3-22-23 Mr '62.

Fedoseev, A. M. [Principles of relay protection] Osnovy releinoi zashchity. Izd. 2., perer. Moskva, Gos. energ. izd-vo, 1961. 439 p.

Further increase in the power rating of 110 kv. transformers, the idle current of which can be switched by standard disconnectors and isolators. Prom. energ 17 no. 3;58 Mr '62.

Higher-order harmonics in electric power transmission lines without cutouts at the higher voltage end K. P. Kadomskaia and others. Izv. vys ucheb. zav ;energ. 5 no. 1;15-23 Ja '62

Methodology for taking into account the performance of electric power systems during their design. G. F. Selina. *Elektrichestvo no. 3;82-84 Mr '62*

Methods for calculating the reliability of an electric power supply system taking into account the possibility of the development of faults. IA. F. Kuz'min Izv. vys ucheb. zav ,energ. 5 no 1,30-36 Ja '62.

Mimic bus for establishing the position of transformer taps. B. A. Kargin. Energetik 10 no. 3;23-24 Mr '62

Possibility of using cybernetics in the theory of relay protection of electric power systems. O V. Mamontov. Elektrichestvo no 2;6-10 F '62.

Principles of a short-circuit to ground relay protection system based on response to transients I. N. Popov. Elektrichestvo no. 2;14-19 F '62.

Problem concerning the determination of the optimum performance of electric power systems L. A. Krumin Elektrichestvo no. 3;05-07 Mr '62.

Use of a calibrated d. c. motor for derivation of mechanical characteristics. V. N. Andrianov, IU. A. Semenik Prom. energ 17 no. 3;12-13 Mr '62.

Use of an electronic digital computer for studying the resynchronization of generators in a complex electric system. V. F. Chesnachenko. Elektrichestvo no. 3;15-21 Mr '62.

Use of transverse compensation condensers for reducing the unbalance of partial phase operation. N. A. Mel'nikov. Elektrichestvo no. 2;10-14 F '62.

Voyage down a great "electric" river. V. But and others. Smena 30 no. 1;1 Ja '62.

ELECTRIC POWER DISTRIBUTION—ALTERNATING CURRENT

Overvoltage levels and insulation requirements in 700 kv. a. c. power transmission lines. A. A. Akopian and others. Vest. elektroprom. 33 no. 2;1-11 F '62.

ELECTRIC POWER DISTRIBUTION—EQUIPMENT AND SUPPLIES

Concerning N. N. Beliakov's article "Simplification of 35 kv ORU equipment." S. A. Kudriashov. Energetik 10 no. 3;30 Mr '62.

Zhuzin, A. F., E. V. Il'in, and N. I. Lazarev. [Installing electrical equipment in industrial enterprises and installations] Montazh elektrooborudovaniia promyshlennykh predpriiatii i ustanovok. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 263 p.

ELECTRIC POWER DISTRIBUTION—HANDBOOKS, MANUALS, ETC.

Kuznetsov, P. V., and I. A. Gureev. [Installation of electric power-distribution systems] Montazh raspredelitel'nykh ustroistv. Izd. 2., perer. i dop. Moskva, Gos. energ. izd-vo, 1961. (Spravochnik elektromontera, no. 3)

ELECTRIC POWER DISTRIBUTION—HIGH TENSION
(see also subdivision under Sweden)

Certain problems concerning the behavior of the high-frequency protection systems of 400 to 500 kv. lines in the presence of electromagnetic transients. S. B. Losev. Elektrichestvo no. 2;20-26 F '62.

Guz, V. P. [Present-day power supply circuits for the relay protection systems of high-voltage power distribution networks] Sovremennye skhemy pitaniia releinoi zashchity v vysokovol'tnykh setiakh. Kiev, Gos. izd-vo tekhn. lit-ry, 1961. 138 p.

Plug-type device for tapping high-voltage lines. S. P. Kryzhevich Gor. zhur no 7,75-76 Jl '61

ELECTRIC POWER DISTRIBUTION—SAFETY MEASURES

Increased safety measures for work on electric power distribution devices. T P. Musatov, A S. Kolendovskii Energetik 10 no. 2 18-20 F '62.

Problem concerning the application of operational and safety engineering regulations to the operation of public electric power plants, electric networks, and thermal networks. Prom. energ 17 no 3;57 Mr '62.

ELECTRIC POWER PLANTS
(see also subdivision under Maritsa Valley, United States)

Discussing some paragraphs of the Regulations for the Technical Operation of Electric Power Plants Equipped with Internal Combustion Engines as applied to the present day practices of diesel electric power plants. A IU Vinogradskii Energomashinostroenie 8 no. 3 43, 48 Mr '62.

Measures for preventing mussel growth in the water conduits of electric power plants. G. M. Bozhko-Stepanenko. Energetik 10 no 3;33 Mr '62.

Review of G. A Chilaev's book " Fuel economy and fuel supply systems of large foreign electric power plants " V. G. Zelikman Energetik 10 no 3 35-36 Mr '62

Special features of the automatic excitation control system of the generators of a power plant feeding two electric power systems. G V. Mikhnevich, G. F. Kozlovskii. Elektrichestvo no 2;1-5 F '62

Use of digital computers in calculating the most advantageous operation conditions of the electric power plant in a power system A. N. Zlatopol'skii, S. L. Pruzner Teploenergetika 8 no 3 8-11 Mr '62

ELECTRIC POWER PLANTS—COSTS

Economic efficiency of increasing the power of machinery units and blocks in steam condensation electric power plants. V. V. Bolotov, A. E Gel'tman. Teploenergetika 9 no 2-8-15 F '62

Method of economic evaluation of different variants of boiler-turbine equipment. P. P Dolgov. Energomashinostroenie 8 no 3 11-42 Mr '62

ELECTRIC POWER PLANTS—DESIGN AND CONSTRUCTION

Vital problems in the construction of electric power plants (translated from the German). K. Schroeder. Teploenergetika 9 no 3;84-88 Mr '62

Ways of speeding the construction of large thermal electric power plants and cutting construction costs. S. P. Goncharov. Teploenergetika 9 no 2 3-8 F '62.

ELECTRIC POWER PLANTS—ELECTRIC EQUIPMENT

Automatic signaling system of an electric power plant. M. L. Sviderskii. Energetik 10 no. 3;17-18 Mr '62.

ELECTRIC POWER PLANTS—EQUIPMENT AND SUPPLIES

Duel', M. A., G. A. Rabinovich, and IU. A. Shlionberg. [Automatic hydraulic regulators of thermal processes] Gidravlicheskie avtomaticheskie regulatory teplovykh protsessov. Moskva, Gos. energ. izd-vo, 1961. 199 p. [MICROFILM]

Experience in operating automatic control equipment. IU. N. Chekhovoi. Energetik 10 no. 3;4-7 Mr '62.

New design of the non-return valve with free discharge. G. I. Dombo. Energomashinostroenie 8 no. 3 47-46 Mr '62

Regulating the capacity of the once-through boiler-turbine unit. V. B. Rubin. *Teploenergetika 9 no 3;3-8 Mr '62.*

ELECTRIC POWER PLANTS—FIRES AND FIRE PREVENTION

Construction shortcomings caused the fire. P. Fetisov. Pozh delo 8 no. 2;13 F '62.

ELECTRIC POWER PLANTS—MANAGEMENT

Maraiin, G. A. [Saving of electric power in the operational needs of a thermal electric power plant] Ekonomiia elektroenergii na sobstvennye nuzhdy teplovoi elektrostantsii. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1961. 91 p.

ELECTRIC POWER POOLING see Interconnected electric utility systems

ELECTRIC POWER PRODUCTION

Constellation of terrestrial suns. H. Seltavin. Nauka i zhyttia 11 no. 1;14-16 Ja '62.

Dreams, plans, and reality. E Bova. Polit. samoobr. 6 no. 2;45-53 F '62.

Prospects for the development of electric power production in the U. S. S. R. E. A. Trofimovskaia. Geog. v shkole 25 no. 2;6-13 Mr-Ap '62.

A united electrical system. N. Oznobin. Starsh.-serzh. no. 9;34 S '61.

ELECTRIC POWER SUPPLY TO APPARATUS

Determination of the optimum supply voltage for the regulation of a. c. choke drives [with summary in English]. L. M. Boichuk. Avtomatyka no. 1;66-73 '62.

ELECTRIC PROSPECTING

Determination of the specific resistivity of rocks by the current recording method. G. A. Cheremenskii. Zap. LGI 39 no 2:71-75 '61.

Effect of overburden in the charged body method. G. A. Cheremenskii. Zap. LGI 39 no 2:76-79 '61.

Possibility of quantitative interpretation of low-frequency inductive anomalies. G. V. Prilo. Izv. AN SSSR. Ser. geofiz. no. 1 67-75 Ja '62.

Use of combined electric profiling in surveys of a complex ore deposit at the contact of two media having different electric conductivity. N. M. Onin, I. S. Tsigel'man. Zap. LGI 39 no. 2:110-113 '61

Using the helicopter variant of the induction method in electric mapping. IU. B. Shaub. Izv. AN SSSR Ser. geofiz. no 2 213-217 F '62.

ELECTRIC PROTECTION

Certain problems concerning the behavior of the high-frequency protection systems of 400 to 500 kv. lines in the presence of electromagnetic transients. S. B. Losev. Elektrichestvo no. 2:20-26 F '62

Circuit for automatic reclosing and switching-in of auxiliary power supply for substations with two triple-wound electric transformers. L. V. Surzhin, A. V. Nechitailov. Energetik 10 no. 3:28-30 Mr '62

Concerning chapter 1-7 of the "Regulations for the Installation of Electric Systems." A. M. Mavritsyn. Prom. energ. 17 no. 3:58-60 Mr '62.

Fedoseev, A. M. [Principles of relay protection] Osnovy releinoi zashchity. Izd. 2., perer. Moskva, Gos. energ. izd-vo, 1961. 430 p.

Guz, V. P. [Present-day power supply circuits for the relay protection systems of high-voltage power distribution networks] Sovremennye skhemy pitaniia releinoi zashchity v vysokovol'tnykh setiakh. Kiev, Gos. izd-vo tekhn. lit-ry, 1961. 138 p.

Possibility of using cybernetics in the theory of relay protection of electric power systems. O. V. Mamontov. Elektrichestvo no. 2:6-10 F '62.

Principles of a short-circuit to ground relay protection system based on response to transients. I. N. Popov. Elektrichestvo no 2:14-19 F '62.

Valve discharger for the protection of electric machinery. D. V. Shlubman, N. N. Mekhova, V. E. Rozet. Vest. elektroprom. 33 no. 2:75-77 F '62.

Volt-ampere characteristics and carrying capacity of nonlinear thervite resistors for commutational discharges. V. I. Pruzhinina-Granovskaia, N. M. Kozlova, R. M. Kochetkova. Elektrichestvo no. 2:74-77 F '62.

ELECTRIC RAILROADS

Pergel'muter, N. M., and others. [Electrification of lumbering enterprises] Elektrifikatsiia lesozagotovitel'nykh predpriiatii. Moskva, Goslesbumizdat, 1961. 358 p.

ELECTRIC RAILROADS—EQUIPMENT AND SUPPLIES

Improved synchronous starting circuit for electric multiple unit trains. G. L. Kligman, N. G. Visin. Elek. i tepl. tiaga 6 no. 2:8-9 F '62.

ELECTRIC RAILROADS—ROLLING STOCK

Efficient protection of the auxiliary circuits of the rolling stock of electric railroads. V. D. Radchenko, A. V. Farafonov. Elek. i tepl. tiaga 6 no 2:26-27 F '62

ELECTRIC RAILROADS—SUBSTATIONS

Voltage regulation in substations under load (from "La vie du rail," no. 803, 1961). L. A. Visloukh. Elek. i tepl. tiaga 6 no 2:47 F '62

ELECTRIC RAILROADS—WIRES AND WIRING

Bolshov, I. A., I. V. Pavlov, and O. K. Trenikhin. [Construction and operation of an a. c. contact network] Ustroistvo i ekspluatatsiia kontaktnoi seti peremennogo toka. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 219 p.

Concerning the methodology for designing the draw-off networks of trolley cars. D. B. Lomazov. Elektrichestvo no. 2:38-43 F '62.

Concerning the use of an additional contact wire for counteracting the eddy currents in a subway. L. I. Akinfiev. Elektrichestvo no. 2:84-85 F '62.

Connecting the amplifying wire without disconnection of the overhead contact system. L. I. Penzin. Elek. i tepl. tiaga 6 no. 2:18-20 F '62.

Constantly increase the operational safety of overhead contact systems (to be continued). N. I. Vetrov. Elek. i tepl. tiaga 6 no. 2:23-25 F '62.

ELECTRIC RAILWAY MOTORS

No more unwinding of wire bandages. E. M. Kitorov. Elek. i tepl. tiaga 6 no. 2:25 F '62.

Traction motors for rectifying locomotives with a 1000 volt rating. P. A. Zolotarev, V. B. Bratoliubov. Izv. vys. ucheb. zav. ,elektromekh. 5 no. 1:47-54 '62.

ELECTRIC RELAYS

Analyzing the self-oscillations in astatic relay systems for automatic control. S. M. Smirnov. Nauch. trudy MTILP no. 18:170-190 '60.

Approximation method of analyzing the self-oscillations in two-position control systems. S. M. Smirnov. Nauch. trudy MTILP no. 18:167-178 '60.

Calculation of the optimum parameters of networks with parallel control. M. E. Zubkov. Vest. elektroprom. 33 no 2:58-62 F '62

Fedoseev, A. M. [Principles of relay protection] Osnovy releinoi zashchity. Izd. 2., perer. Moskva, Gos. energ. izd-vo, 1961. 439 p.

Pulse pairs on operative d. c. A. G. Chachko. Prom. energ. 17 no 3:30 Mr '62

Relay for preventing short circuits due to the zero wire break. I. S. Ermakov. Bez truda v prom. 6 no. 1:35 Ja '62.

Reversive ring-type commutators. M. V. Koval's'kyi, V. IU. Reuts'kyi, B. O. Sigov. Avtomatyka no 1:74-78 '62.

Spark-proof d. c. telephone relay system. M. A. Rol'nik. Ugol' Ukr. 6 no 1:38-39 Ja '62

Switching relationships and independent initial conditions for electrical networks. A. S. Rozenfel'd, B. I. Akhinson. Elektrichestvo no 3:50-53 Mr '62

Transistor noncontact relay. L. D. Osnovich. Izv. vys. ucheb. zav. ,elektromekh. 5 no. 1:74-82 '62

TSentral'naia stantsiia iunykh tekhnikov, Moscow. [Automatic electronic switches] Avtomaticheskie elektronnye perekliuchateli. [Moskva] Izd-vo "Detskii mir" 1962. 1 fold. l. (Prilozhenie k zhurnalu "IUnyi tekhnik," no. 5(119))

ELECTRIC RESISTANCE

Contact electric resistance in high vertical pressure. L. F. Vereshchagin, E. V. Zubova, V. A. Shapochkin. Zhur. tekh. fiz. 32 no. 2:230-232 F '62

ELECTRIC RESONATORS

Concerning the Q-factor of disc cavities. A. I. Barchukov, IU. N. Petrov. Radiotekh. i elektron. 7 no 3:414-415 Mr '62.

ELECTRIC SPARK MACHINING see Electric metal cutting

ELECTRIC SUBSTATIONS

Circuit for automatic reclosing and switching-in of auxiliary power supply for substations with two triple-wound electric transformers. L. V. Surzhin, A. V. Nechitailov. Energetik 10 no. 3:28-30 Mr '62.

Power supply circuits for the electric traction in open-pit mines. L. V. Izvolenskii. Vest. TSNII MPS 21 no 1 38-39 '62

Transformer substations made of three-dimensional elements. V. Reznichenko, E. Sedeleva. Stroi. i arkhit. 9 no 12:32-33 D '61.

Use of electric insulation on substations located in districts with polluted air. A. P. Burkatskii, M. G. Kucherenko, F. I. Kolinda. Energetik 10 no 3:26 Mr '62

ELECTRIC SUBSTATIONS—MAINTENANCE AND REPAIR

In the technical council of the All-Union Main Power Administration attached to the State Planning Committee of the Council of Ministers of the U. S. S. R. Energetik 10 no. 2:38 F '62.

ELECTRIC SWITCHGEAR

(see also subdivision under Armenia)

New high-voltage equipment. Energetik 10 no 2:39 F '62.

TSentral'naia stantsiia iunykh tekhnikov, Moscow. [Automatic electronic switches] Avtomaticheskie elektronnye perekliuchateli. [Moskva] Izd-vo "Detskii mir" 1962. 1 fold. l. (Prilozhenie k zhurnalu "IUnyi tekhnik," no. 5(119))

ELECTRIC SWITCHGEAR—TESTING

Control of the attenuation of the recovery voltage in test systems. S. M. Krizhanskii. Elektrichestvo no. 2: 43-47 F '62.

ELECTRIC TRANSFORMERS

(see also subdivision under Leninakan)

Economical choice of an electric transformer with aluminum windings. K. K. Baloshov. Izv. vys. ucheb. zav. , energ. 5 no. 1:7-14 Ja '62.

Economically effective choice of the power rating of electric transformers. I. D. Kutiavin. Izv. vys. ucheb. zav. ,energ. 5 no. 1:1-6 Ja '62.

Experimental study of the effectiveness of an electrokinetic transformer operating on direct current. M. S. Kasim-Zade, I. D. Akkerman. Izv. AN Azerb. SSR. Ser. fiz.-mat. i tekh. nauk no. 5:91-96 '61.

Experimental study of the mechanical strength of electric transformers in the presence of short circuits. I. S. Nainshkov, S. I. Lur'e. Vest. elektroprom. 33 no. 2: 12-16 F '62.

Further increase in the power rating of 110 kv. transformers, the idle current of which can be switched by standard disconnectors and isolators. Prom. energ. 17 no. 3:58 Mr '62.

Mimic bus for establishing the position of transformer taps. B. A. Kargin. Energetik 10 no. 3:23-24 Mr '62.

Power diagrams of autotransformers. A. G. Kraiz. Izv. vys. ucheb. zav. ,elektromekh. 5 no. 1:15-19 '62.

Power transformers with a 20 kv. rating for indoor installation. Energetik 10 no. 3:37-38 Mr '62.

Transforming the one-phase current into a three-phase. P. Zhurba. Shkola i proizv. 6 no. 2:95 F '62.

ELECTRIC TRANSFORMERS—TESTING

Automation of inspection tests of power transformers. R. Mirzoian, A. Atrapetian. Prom. Arm. 4 no. 12:35-38 D '61.

ELECTRIC UTILITIES see subdivision under Kiev

ELECTRIC WELDING

(see also subdivision under Armenia; Gomel'; Khartsyzsk; Sverdlovsk)

Argon-arc welding with an additional flow of argon. A. A. Alov, V. M. Shmakov. Svar. proizv no 3:13-16 Mr '62.

Automatic welding in a carbon dioxide atmosphere. N. A. Salomatov. Svar. proizv. no. 3:33-34 Mr '62

Automatic welding of air tuyers in blast furnaces. N. A. Mal'tsev. Mashinostroenie no 1:62-66 Ja-F '62.

Characteristics of the rectifier effect in the electric slag process. D. A. Dudko, I. N. Rublevskii. Avtom. svar. 15 no 3:40-46 Mr '62

Distribution of elements in a drop attached to the butt end of the electrode during arc welding. A. A. Erokhin, N. P. Il'in. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 1:81-83 Ja-F '62.

Electric slag welding in ship repairs. A. T. Abramov. Svar. proizv. no. 3:32-33 Mr '62

Fatigue strength of joints made by electric slag welding in alloyed steels. I. V. Kudrinvtsev, N. M. Savvina, V. V. Chernykh. Svar. proizv. no. 3:1-5 Mr '62.

Galaktionov, A. T., I. R. Patskevich, and G. D. Stadnikov. [Electric welding; a welder's handbook] Elektrosvarshchik; spravochnoe posobie dlia rabochikh. Izd. 3., dop. i perer. Moskva, Mashgiz, 1961. 392 p.

Induction transducer of displacement with linear scale. R. M. Shirokovskii, V. M. Shchigel'skii. Avtom. svar. 15 no 3:84-85 Mr '62

Investigating parameters of welding in a protective, water vapor atmosphere. V. A. Gubenko, V. P. Norenko. Svar. proizv. no. 3:20-22 Mr '62

Mobile electric welding unit. B. V. Kolevatov. Gor. zhur. no 12:62-63 D '61

Pimenova, T. F., and N. M. Novozhilov. [Use of dry ice in electric welding, scientific report] Primenenie sukhogo l'da v elektrosvarochnoi tekhnike, nauchnoe soobshchenie. Moskva, Gos. izd-vo torg. lit-ry, 1961. 36 p.

Productivity of water vapor shielded welding. M. Z. Sheinkin. Svar. proizv. no. 3:24-25 Mr '62

Shinkevich, N. I., ed. [Manual on welded, threaded and riveted joints] Spravochnoe posobie po svarnym, rez'bovym i zaklepochnym soedineniiam. Minsk, Izd-vo M-va vysshego, srednego spetsial'nogo i professional'nogo obrazovaniia BSSR, 1961. 298 p.

Structural changes during resistance welding and subsequent heat treatment. V. M. Ankovskii, L. A. Dolinskaia. Svar. proizv. no. 3:11-13 Mr '62

Theoretical method of determining certain parameters of electric slag welding with lamellar electrodes. IU. N. Zaitsev. Svar. proizv. no. 3:5-7 Mr '62

Through the pages of trade journals. Prom. energ. 17 no 3:61 Mr '62

Torch for welding vinyl plastics. V. A. Sorokin. Khim. mash. no. 6:43 N-D '61.

Use of a VAGG-15/600 germanium rectifier as current feed source for built-up welding operations. A. V. Pokhachenko, IU. A. Zlotin, G. F. Sokolov. Avtom. svar. 15 no 3:79-83 Mr '62

Welding in a water vapor media. S. A. Zhukov. Svar. proizv. no. 3:26 Mr '62.

Welding takes only one second. IU. tekh. 6 no. 2:13 '62.

Where are the sources of success? Aleksei Ulesov. Sem'ia i shkola 17 no

ELECTRIC WI

Annual -
at
W
n
Co
o
S
C
In

ELE
De
v
I
El
I
I
El
I

ELECTRIC WELDING – EQUIPMENT AND SUPPLIES (Continued)

Gun with a built-in ring transformer for the spot welding of steel and aluminum alloys. S. V. Shablygin and others. Svar. proizv., no. 3, 30-31 Mr '62.

Improved welding equipment for vinyl plastics. A. I. Orlov. Khim. mash., no. 6:44-45 N-D '61.

Machine for welding curvilinear joints in a vertical plane. V. S. Ladnov. Svar. proizv., no. 2:28-29 F '62.

New grooving on argon-arc pipe welding machines. E. M. Krichevskii, V. IA. Gol'berg. Metallurg, 7, no. 3:25-27 Mr '62.

Nozzle holder of a semiautomatic hose welding machine. I. F. Shamanov. Svar. proizv., no. 3:38-39 Mr '62.

The PAU mobile motor-mounted welding unit. K. I. Zhitaev, A. M. Kiaizel'man. Biul. tekh.-ekon. inform., no. 1, 20-22 '62.

Speed conditions on continuous electric pipe welding machines. IU. M. Matveev, E. M. Krichevskii, V. A. Rymov. Stal', 22, no. 2:148-152 F '62.

TSegel'skii, V. L. [Mechanization of arc welding] Mekhanizatsiia dugovoi svarki. Moskva, Vses. uchebno-pedagog. izd-vo, Proftekhizdat, 1961. 142 p. (Novaia tekhnika i peredovye metody truda)

ELECTRIC WELDING—EXHIBITIONS

Welding and cutting exhibition in Essen (Federal German Republic). N. V. Podola. Avtom. svar., 15, no. 3:87-94 Mr '62.

ELECTRIC WELDING—HANDBOOKS, MANUALS, ETC.

Akselrod, F. A., A. P. Gul'denblit, and M. P. Zaitsev. [Fundamentals of electrical engineering and electronics, a manual for electric welders] Osnovy elektrotekhniki i elektroniki; dlia elektrosvarshchikov. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1961. 183 p.

ELECTRIC WELDING—HYGIENIC ASPECTS

Sanitation of working conditions in manual welding. B. IA. Sheinan and others. Svar. proizv., no. 2:37-38 F '62.

ELECTRIC WELDING—SAFETY MEASURES

Levi, S. S. [Guide to safety techniques for electric welders in assembly operations] Pamiatka po tekhnike bezopasnosti dlia elektrosvarshchika na montazhnykh rabotakh. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 15 p. (Tekhnika bezopasnosti)

ELECTRIC WIRE

Diagram for determining the sizes of cables, wires, and fuses used in connecting an asynchronous motor to a power supply network. G. S. Nesterenko, G. M. Tokarevich. Energetik, 10, no. 3:27-29 Mr '62.

ELECTRIC WIRE, INSULATED

Aluminum wires with oxide insulation. S. D. Kholodnyi. Elektrichestvo, no. 3:63-66 Mr '62.

ELECTRIC WIRING, INTERIOR

Concealed replaceable 1-464A-series industrial wiring for dwellings with heavy paneling. V. M. Barkan, S. IU. Aizenshtat, S. I. Genkin. Prom. energ., 17, no. 3:39-42 Mr '62.

Problems concerning electrical wiring operations in dwellings and public buildings. M. S. Zhivov, M. R. Naifel'd. Prom. energ., 17, no. 3:42-47 Mr '62.

Shortcomings of the standard designs of the electrical equipment of dwellings and public buildings. N. M. Pavlov. Prom. energ., 17, no. 3:48-50 Mr '62.

ELECTRICITY—SAFETY MEASURES

Danger! Live wire! I. Rabikovich. Starsh.-serzh., no. 10, 32 O '61.

ELECTRICITY, INJURIES FROM

Electrical injury of the ear. D. I. Shenker. Vest. otorin., no. 4, 90-91 '61.

Russia (1923- U. S. S. R.) Ministerstvo sviazi. Laboratoriia okhrany truda. [Safety engineering regulations for work on long-distance municipal telecommunication and wire broadcasting lines] Pravila tekhniki bezopasnosti pri rabotakh na mezhdugorodnykh, gorodskikh kabel'nykh linliakh sviazi i kabel'nykh linliakh radiofikatsii. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1960. 99 p.

ELECTRICITY, TERRESTRIAL *see* Terrestrial electricity

ELECTRICITY IN AGRICULTURE
(see also subdivision under Latvia)

Electrification of advanced collective cotton farms of Uzbekistan. V. T. Danil'chenko. Shor. nauch.-issl. rab. UzNIIME, no. 1:277-286 '59.

Experimental and theoretical work on problems of agricultural electrification. V. K. Pliugachev. Vop. zemledel' mekh., 6:268-307 '61.

Over-all electrification of milking and milk processing operations. P. Rubtsov, I. Sin'kov, N. Chernaev. Tekh. v sel'khoz., 22, no. 1:17-22 Ja '62.

Radio and electronics in agriculture. B. V. Smirnov. Mekh. i elek. sots. sel'khoz., 20, no. 1:31-33 '62.

Radio electronics should serve agriculture. A. Ganelin. Tekh. v sel'khoz., 22, no. 2:35-39 F '62.

Tractor mounted electric power plant. P. Kubenin. Tekh. v sel'khoz., 22, no. 2:38-39 F '62.

Use of auxiliary electric power plants in agriculture. D. N. Bystritskii, B. E. Dudina. Mekh. i elek. sots. sel'khoz., 20, no. 1:37-39 '62.

ELECTRICITY IN BUILDING

Electricity in building houses. T. Semenova. IUn. tekh., 6, no. 1:48 Ja '62.

ELECTRICITY IN LUMBERING

Effectiveness of a centralized power supply system in lumbering camps. G. S. Akodis, N. P. Roshkovskaia, M. G. Shitikov. Les. prom., 39, no. 12, 26-27 D '61.

Perel'muter, N. M., and others. [Electrification of lumbering enterprises] Elektrifikatsiia lesozagotovitel'nykh predpriiatii. Moskva, Goslesbumizdat, 1961. 356 p.

ELECTRICITY IN MINING

Concerning certain operational features of two-motor drives of unbalanced mine hoist systems. M. S. Novozhilova. Izv. vys. ucheb. zav., energ., 5, no. 1:43-49 Ja '62.

Contact wire suspension insulators on portable track systems. D. N. Tkachev. Gor. zhur., no. 7:77 Jl '61.

Convert the mining industry to electric power. A. M. Ilisiutin. Gor. zhur., no. 10:18-19 O '61.

Electric drives and automatic control in the mining industry. V. S. Tulin. Elektrichestvo, no. 3:1-5 Mr '62.

[Mine electrician's handbook] Spravochnik shakhtnogo elektrosliesaria. [By] V. V. Solebrennikov i dr. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 363 p.

Power supply circuits for the electric traction in open-pit mines. L. V. Izvolenskii. Vest. TSNII MPS, 21, no. 1:38-39 '62.

Some shortcomings of the magnetic PMV-1365A starter for 660 voltage. N. A. Kiriievich and others. Ugol', 37, no. 3:32-33 Mr '62.

System increasing the safety of spark-proof circuits. G. K. Lomonos. Ugol' Ukr., 6, no. 2:34-36 F '62.

ELECTRICITY IN MINING—SAFETY MEASURES

Hazards caused by stray currents in connection with blasting operations. M. N. Kosachev. Ugol' Ukr., 6, no. 1:46-47 Ja '62.

ELECTRICITY ON SHIPS

Electric equipment on motorships of the "Ugleural'sk" type. V. A. Panov, A. P. Markov. Inform. sbor., TSNIIMF, no. 52, Tekh. ekspl. mor. flota, no. 5:69-70 '60.

Small-sized incandescent lamps for ships. Svetotekhnika, 8, no. 3:32 Mr '62.

ELECTRIFICATION
(see also subdivision under Baku, Kalinin Province)

[Electrification is the road to communism] Elektrifikatsiia – put' k kommunizmu. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 88 p. (Bibliotechka "Nagliadnaia agitatsiia, propaganda i khudozhestvennoe oformlenie," no. 6)

Electrification of the national economy is one of the most important tasks during the period of the large-scale building of communism. O. Ivashchenko. Ekon. Sov. Ukr., no. 3:4-11 My-Je '61.

The Lenin plan of the State Committee for the Electrification of Russia and how it was carried out. V. D. Malyshev. Trudy MADI, no. 26, 48-69 '60.

Novitskii, V. A. [Electrification is the pivoting point in creating the economics of communism] Elektrifikatsiia-sterzhen' sozdaniia ekonomiki kommunizma. Minsk, 1961. 26 p. (Obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii Belorusskoi SSR, no. 24)

Problems concerning electrification and automation as viewed in the light of the decisions of the 22d Congress of the CPSU. O. M. Militskii. Avtomatyka, no. 1:3-4 '62.

Tamed lightning. IA. Shevchenko. Volov. ateist, no. 2:10-12 F '62.

ELECTRIFICATION, RURAL *see* Rural electrification

ELECTROACOUSTICS

Dreizen, I. G. [Electroacoustics and sound broadcasting] Elektroakustika i zvukovoe veshchanie. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1961. 643 p.

Fhikler, I. E. [Electroacoustical characteristics of a telephone channel] Elektroakusticheskie kharakteristiki telefonnogo trakta. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1961. 131 p.

ELECTROCAPILLARY PHENOMENA

Effect of manganese and silicon on the electrocapillary properties of cast iron in molten slag. B. V. Patrov. Izv. vys. ucheb. zav., ichern. met., 5, no. 1:48-51 '62.

Electrocapillary phenomena and the anode effect during the electrolysis of cryolite-alumina melts. Izv. vys. ucheb. zav.; tsvet. met., 5, no. 1:82-88 '62.

ELECTROCARDIOGRAPHY

Changes in the electrocardiogram during resection of the lungs in tuberculosis [with summary in English]. Z. N. Batezina. Grud. khir., 4, no. 1:79-81 Ja-F '62.

Electrocardiographic changes during acute poliomyelitis. V. A. Simongulov, T. N. Gegila. Soob. AN Gruz. SSR, 27, no. 6:779-783 D '61.

Electrocardiographic examinations of patients with myocardial infarction under the influences of exercise therapy. M. A. Voskanov, I. M. Grishina. Terap. arkh., no. 9:113-111 '61.

Electrocardiographic observations of pulmonary tuberculosis and hypertension. S. R. Lachinian. Probl. tub., no. 2:58-66 '62.

Electrocardiographic ruler. V. F. Lipkovskii. Vrach. delo, no. 1:137-139 Ja '62.

Electrocardiographic study of the effect of tinctures of certain plants of the genus Lagochilus. T. R. Abdurakhmanov, A. G. Sychev, V. A. TSybanova. Med. zhur. Uzb., no. 12:78 D '61.

Electrocardiography and phonocardiography in the diagnosis of defects of the interatrial septum [with summary in English]. M. I. Burmistrov, A. B. Zorin, A. I. Koblents-Mishke. Grud. khir., 4, no. 1:24-29 Ja-F '62.

"Fundamentals of electrocardiography" by A. V. Gol'tsman, I. T. Dmitrieva. Reviewed by L. M. Rakhlin. Kaz. med. zhur., no. 1, 113-114 Jl-Ag '61.

Intracavitary electrocardiography in cardiac catheterization. G. I. Astrakhantseva. Grud. khir., no. 5:32-36 '61.

Some vectorcardiographic and electrocardiographic changes in mitral defects of the heart [with summary in English]. P. L. Gladyshev. Sov. med., 25, no. 12:56-61 D '61.

ELECTROCHEMISTRY

Aftercurrents and cathodic current efficiency in the electrolysis of fused salts. M. V. Smirnov. Trudy Inst. elektrokhim. UFAN SSSR, no. 1:3-6 '60.

Behavior of a platinum electrode in fused carbonates when a mixture of oxygen and carbon dioxide is flowing around it. G. K. Stepanov, A. M. Trunov. Dokl. AN SSSR, 142, no. 4:866-869 F '62.

Effect of the alkali cation on the diffusion of protons in nickel oxide. G. IA. Sinidin', P. D. Lukovtsev. Dokl. AN SSSR, 142, no. 5:1130-1133 F '62.

Effect of the double layer structure on irreversible polarographic waves in the reduction of organic substances with consumption of protons in the potential-determining stage. S. G. Mairanovskii. Dokl. AN SSSR, 142, no. 5:1120-1123 F '62.

Effect of the electrical double layer structure on electrochemical desorption. I. A. Bagotskaia. Dokl. AN SSSR, 142, no. 5:1105-1107 F '62.

Potentiometric study of catalytic hydrogenation in dielectric media. A. B. Fasman and others. Dokl. AN SSSR, 142, no. 4:871-877 F '62.

Theory of autooscillations in passivation-free electrochemical systems with a falling characteristic. A. IA. Gokhshtein. Dokl. AN SSSR, 40, no. 5:1114-1117 O '61.

Thermogalvanic corrosion of metals. A. IA. Shatalov, I. K. Marshakov, S. A. Kaluzhina. Dokl. AN SSSR, 142, no. 6:1339-1341 F '62.

ELECTROCHEMISTRY—RESEARCH *see* subdivision under India

ELECTRODES

Centralized manufacture of electrodes for resistance welding machines. V. IA. Malykhin, S. K. Sliozberg. Avtom. svar., 15, no. 3:86 Mr '62.

Investigating electrodes with a gas shielding cellulose covering. I. N. Vornovitskii, A. G. Mazel'. Svar. proizv., no. 2, 12-14 F '62.

Movement of a plasma bundle along guiding electrodes. A. K. Musin. Radiotekh. i elektron., 7, no. 3:547-550 Mr '62.

Necessity of introducing a new technological characteristic of electrodes for the spatter coefficient. M. M. Popekhin. Svar. proizv., no. 2:38-39 F '62.

Use of sawdust for electrode coatings. V. P. Bondarevskii, V. V. Chirkin. Svar. proizv., no. 2:31 F '62.

ELECTRODES—TESTING

Highly productive low-toxicity ANO-1 electrodes. I. K. Pokhodnia, A. M. Beinish, A. E. Marchenko. Avtom. svar., 15, no. 3, 19-26 Mr '62.

ELECTRODES, CARBON

Behavior of anodes of an intimate mixture of titanium dioxide with carbon in the electrolysis of salt melts. M. V. Smirnov, S. F. Pal'guev. Trudy Inst. elektrokhim. UFAN SSSR, no. 1:29-33 '60.

Behavior of carbon-oxide vanadium anodes in the electrolysis of chloride melts. A. N. Baraboshkin, V. K. Sazhnov. Trudy Inst. elektrokhim., UFAN SSSR, no. 1:43-47 '60.

Carbon-oxide anodes with lower titanium oxides in the electrolysis of chloride melts. M. V. Smirnov, Iu. N. Krasnov. Trudy Inst. elektrokhim., UFAN SSSR, no. 1:35-41 '60.

ELECTRODES, DROPPING MERCURY

Possibility of a repeated determination on a stationary mercury drop in determining ultramicroimpurities. M. S. Zakharov, A. G. Stromberg. Zav. lab., 28, no. 1:13-15 '62.

ELECTRODES, GLASS

Effect of the composition of boron-aluminosilicate glass on their electrode and acid properties. B. P. Nikol'skii, N. P. Isakova, M. M. Shul'ts. Dokl. AN SSSR, 142, no. 6:1331-1334 F '62.

ELECTRODES, MERCURY

Determination of microquantities of chlorine ions on a stationary mercury electrode Kh. Z Brainina, D. M Roizenblat Zav. lab. 28 no 1 21-23 '62

Effect of the diameter of holes and of the extent of perforation of plate anodes on the voltage in horizontal mercury baths L. M. IAkimenko, R. I. Izosenkov. Zhur prikl. khim. 35 no 2;342-350 F '62

Platon mercury electrode of fluoroplasts. B IA Kaplan, P M Chipilev Zav lab 28 no 1 101-102 '62

ELECTRODES, PLATINUM

Behavior of a platinum electrode in fused carbonates when a mixture of oxygen and carbon dioxide is flowing around it. G K. Stepanov, A M. Trunov Dokl. AN SSSR 142 no 4:868-869 F '62

Measurement of adsorption potentials on a smooth platinum electrode A D Obrucheva Dokl AN SSSR 142 no. 4 859-861 F '62.

ELECTRODYNAMICS

Potential coefficients in a system of discs lying in the same plane. IU. IA. Iossel' Elektrichestvo no 3:67-69 Mr '62

ELECTROENCEPHALOGRAPHY

Changes in the bioelectrical activity of the cerebral cortex in patients with psychogenic hallucinations N. I. Smirnova. Probl. med psikh 9,269-273 '61.

Comparative physiological characteristics of the effect of the sympathetic nervous system on the electrical activity of the brain. T. N. Sollertinskaia Fiziol zhur. 48 no. 2,179-187 F '62.

Dynamic clinical electroencephalographic studies of vibration sickness caused by general vibration. P I. Shpil'berg, A S. Mel'kumova. Uch. zap. Mosk nauch - issl. inst. san. i gig. no 7:45-51 '60.

Electrical activity of the brain in reactive states in children and adolescents. G. N. Pivovarova Vop psikh. no. 4:200-209 '60.

Electroencephalographic study of the relationship between the visual and auditory analyzers in patients with vascular diseases of the brain [with summary in French] L. G. Makarova Zhur nevr. i psikh. 61 no 6 807-814 '61.

Electroencephalographic variant of extinction with reinforcement as a test of the strength of the nervous system. V. D. Nebylitsyn Dokl APN S no. 3;97-100 '61

Evoked potentials at various levels of the motor zone of the cortex of a cat and their relation to electroencephalogram waves [with summary in English] V M Stoiozhuk. Fiziol. zhur. [Ukr.] 8 no. 1:100-106 Ja-F '62.

General and local bioelectrical reactions in tumors of the brain from data of electrocorticography using functional stresses [with summary in French]. B S Ovsiannov. Zhur nevr i psikh 61 no. 11:1599-1607 '61.

"Marked rhythms" in the pre-start electroencephalogram in man and the mechanisms of motor dynamic stereotype formation. E. B. Sologub Fiziol. zhur. 48 no. 1:1-10 Ja '62.

Method of obtaining a stable conditioned reflex depression of the alpha rhythm. V D. Nebylitsyn Dokl. APN S no. 2; 93-96 '61.

Reflection of the terminal activity of the respiratory center on the electrogram of the medulla oblongata. A. M. Gurvich Fiziol. zhur. 48 no. 1;61-71 Ja '62.

Significance of the use of different types of interrupted light stimulation in registering the electroencephalogram in brain tumors [with summary in French] N. P Bekhtereva Zhur. nevr. i psikh 61 no. 11:1609-1614 '61.

Some clinical manifestations of the chronic effect of centimeter waves [with summary in English] E. A. Drogichina and others. Gig. truda i prof. zab. 6 no 1;28-34 Ja '62

Some electroencephalographic indices in chronic manganese intoxication D A. Ginzburg. Gig. truda i prof zab no 2:37-43 '62

ELECTROENCEPHALOGRAPHY—CONGRESSES

Fifth International Congress on Electroencephalography and Clinical Neurophysiology. N. P. Bekhtereva Fiziol. zhur. 48 no. 2,227-232 F '62.

ELECTROKYMOGRAPHY

Use of electrokymography in examining athletes' hearts. IU. G. Ablov. Teor. i prak. fiz. kul't. 24 no. 8;622-627 '61.

ELECTROLYSIS

Lower-valence rare earth oxychlorides. L. E. Ivanovskii and others. Trudy Inst. elektrokhim. UFAN SSSR no 1; 55-60 '60.

Removing chlorides from glucose solutions by electrolysis using the ion exchanger membranes. M I. Shchegrova, A. G. Koblianskii. Izv. vys. ucheb. zav. , pishch. tekh. no. 6 49-54 '61.

Time necessary to attain a steady state in electrolysis with a constant current intensity. A. N. Baraboshkin, M. V. Smirnov. Trudy Inst. elektrokhim. UFAN SSSR no. 1;7-10 '60.

ELECTROLYTE SOLUTIONS

Difference of potential between electrolyte solutions and activity coefficients of individual ions [with summary in English]. M. A. Izmailov, IU. F. Rybkin. Dop. AN URSR no 1:69-73 '62.

Potential distribution at the surface of a strongly ionized polymer macromolecule in an electrolyte solution. V G Levich, IU. I. IAlamov Dokl AN SSSR 142 no. 2. 398-402 Ja '62

ELECTROLYTES

Certain problems in the theory of polyelectrolytes at a low degree of ionization V. G Levich, IU. I IAlamov Dokl AN SSSR 142 no 4 851-854 F '62

Electromotive forces of electrochemical cells with solid electrolytes. Part 2. Simultaneous presence in an electrolyte of electron and hole-type conductivities S. V. Karpachev, S. F. Pal'guev. Trudy Inst. elektrokhim UFAN SSSR no 1;91-96 '60

Electromotive forces of electrochemical cells with solid electrolytes. S. V. Karpachev, S F Pal'guev Trudy Inst. elektrokhim. UFAN SSSR no 1;79-89 '60

Formation thermodynamics of a complex fluoride anion with trivalent titanium (TiF_6^{3-}) in fused salts M. V Smirnov, IU. N. Kiasnov. Trudy Inst elektrokhim *UFAN SSSR* no. 1;23-26 '60.

New electrolyte for electrolytic cadmium plating M E Lerner, A. D Galushko, R M Leshchiner Mashinostroenie no 1 74-75 Ja-F '62.

ELECTROLYTES—ANALYSIS

Improve the control of the electrolyte composition for aluminum electrolytic cells. M S Beletskii. TSvet met. 35 no. 2;56-59 F '62

ELECTROLYTES—CONDUCTIVITY

Surface recombination rate on the interface germanium - electrolytic solution V. A Tiagai, IU. V. Pleskov. Fiz tver. tela 4 no. 2 343-349 F '62.

ELECTROLYTIC CORROSION

Corrosion testing of porous specimens in melts by the gas permeability method. G K. Stepanov, G. G Arkhipov, A. M. Trunov Trudy Inst. elektrokhim, UFAN SSSR no 1;73-77 '60.

Ostapenko, V. N. [Mathematical problems concerning the protection of pipelines against electrolytic corrosion] Matematicheskie voprosy katodnoi zashchity truboprovodov ot korrozii. Kiev, Izd-vo Akad. nauk USSR, 1961. 60 p.

Problem of the electrolytic dissolution of gases at the porous gas electrodes Method and apparatus G. K. Stepanov Trudy Inst. elektrokhim. UFAN SSSR no 1: 65-71 '60.

ELECTROLYTIC OXIDATION see Oxidation, Electrolytic

ELECTROLYTIC REDUCTION see Reduction, Electrolytic

ELECTROMAGNETIC PROSPECTING

Analysis of some variants of airborne electric prospecting. D. S. Daev. Trudy Inst. geol. i geofiz. Sib. otd. AN SSSR no. 11 25-42 '61.

Effect of the surrounding medium on the results of inductive electric prospecting of ore deposits in the neighboring zone. A. A. Kaufman. Trudy Inst. geol. i geofiz. Sib. otd. AN SSSR no. 11;51-61 '61.

Effect of the surrounding medium on the results of inductive electric prospecting of ore deposits in the wave zone. A. A. Kaufman. Trudy Inst. geol. i geofiz. Sib. otd. AN SSSR no. 11;43-50 '61.

Electromagnetic field of the loop and cable in a multilayer medium. L. S. Gel'fand. Trudy Inst. geol. i geofiz. Sib. otd. AN SSSR no. 11 3-24 '61.

Electromagnetic fields in thin-layered media. M. N. Berdichevskii, L. L. Van'ian. Trudy Inst. geol. i geofiz. Sib. otd. AN SSSR no. 11;63-72 '61.

Some problems of magnetotelluric profiling and results of testing it in the southeast of the West Siberian Lowland. N. F. Kriotevich, G. M. Morozova. Trudy Inst. geol. i geofiz. Sib. otd. AN SSSR no. 11;73-86 '61.

ELECTROMAGNETIC THEORY

Totally reflecting resonance filter of limited size. Part 1. L. V. Iogansen. Opt. i spektr 12 no 2;318-320 F '62.

ELECTROMAGNETIC WAVES

Concerning the theory of resonant ferrite systems Siui IAn'-shen, [Hsu Yen-shên]. Radiotekh. i elektron. 7 no. 3 429-436 Mr '62.

Electromagnetic field and the input resistance of a turn with an infinitely long cylindrical ferrite core located in a conductive medium. P. P. Pavlov. Radiotekh i elektron. 7 no. 3 437-447 Mr '62.

Obtaining a series of electric fields with different polarity by means of ultrasonic waves and their application for the generation of electromagnetic waves. I M. Vigdorchik. Trudy KHIIT no. 41;68-73 '61.

Radiation of electromagnetic waves by a helical ferrite antenna. V. P Shestopalov, I. P. IAkimenko, V. IA. Zdorovik. Radiotekh. i elektron. 7 no 3 566-567 Mr '62.

ELECTROMAGNETIC WAVES—SPEED

The most probable value of the propagation velocity of electromagnetic waves (velocity of light). A. I. Kartashev. Izm. tekh. no. 3;59-60 Mr '62.

ELECTROMAGNETISM

Linear electromagnetic phenomena in a plasma. A. A. Rukhadze, V. P. Silin Usp. fiz. nauk 76 no. 1;79-108 Ja '62.

Verbitskii, I. I. [Electrostatics and electromagnetism] Elektrostatika i elektromagnetizm. Izd. 2., ispr. i dop. Minsk, Redaktsionno-izdatel'skii otdel BPI im. I. V. Stalina, 1961. 290 p.

ELECTROMAGNETS

Use of electromagnetic flowmeters to measure the flow of ore pulp. L. M. Korsunskii, L. R Linetskii TSvet met. 35 no 2;15-22 F '62.

ELECTROMETALLURGY

Study of metal ejection in an electric erosion process A. S. Zingerman Izv vys. ucheb. zav. ,elektromekh 5 no. 1;99-100 '62.

ELECTROMETALLURGY—HYGIENIC ASPECTS

Problems of industrial hygiene in the production of alloyed steels in electrometallurgical plants [with summary in English] V P Elshov Gig truda i prof zab no 2 3-10 '62

ELECTROMOTIVE FORCE

Electromotive forces of electrochemical cells with solid electrolytes Part 2. Simultaneous presence in an electrolyte of electron and hole-type conductivities. S V Karpachev, S. F. Pal'guev. Trudy Inst elektrokhim UFAN SSSR no. 1;91-96 '60.

Electromotive forces of electrochemical cells with solid electrolytes S V. Karpachev, S F Pal'guev Trudy Inst elektrokhim. UFAN SSSR no. 1,79-89 '60

Equilibrium potentials of zirconium in a fused equimolar mixture of sodium and potassium chlorides. V E Komarov, M. V Smirnov, A. N Baraboshkin Trudy Inst. elektrokhim. UFAN SSSR no. 1;17-22 '60

Measurement of adsorption potentials on a smooth platinum electrode. A D Obrucheva. Dokl AN SSSR 142 no. 4 859-861 F '62

Nonsteady-state photo e. m. f., coupled with the main carriers on an n-p-junction F M. Berkovskii, S M. Ryvkin Fiz. tver. tela 4 no. 2 376-378 F '62

Potential distribution at the surface of a strongly ionized polymer macromolecule in an electrolyte solution V G. Levich, IU. I. IAlamov Dokl. AN SSSR 142 no. 2 398-402 Ja '62

Problem of measuring the decomposition voltage of solid electrolyte solutions. S. F. Pal'guev, S V Karpachev, L. D. IUshina. Trudy Inst. elektrokhim. UFAN SSSR no. 1;105-110 '60.

Problem of the electromotive forces of cells with solid electrolytes having both electron and ionic conductivity S. V. Karpachev, S. F. Pal'guev. Trudy Inst elektrokhim UFAN SSSR no. 1;97-100 '60.

ELECTROMYOGRAPHY

Bioelectric activity of muscles in cases of trophic derangements with affection of peripheral motor neurons and muscles [with summary in English] G Enina Izv. AN Latv. SSR no. 1 111-116 '62

Electromyographic observations in the study of the pathology of speech. G. P. Platonova Vop. psikh. no. 4;330-337 '60

ELECTRON BEAMS

Characteristics of collective energy losses occurring in the passage of fast electrons through an anisotropic plasma [with summary in English]. I. O. Kulik Zhur eksp. i teor. fiz. 42 no 2,543-551 F '62

Effect of the beam of an electron accelerator on its accelerating system A. I. Baryshev, S A Kheifets Radiotekh i elektron 7 no 3 483-490 Mr '62.

Propagation of waves of finite amplitude in an electron stream. V I. Kanavets, A A. Kashirin Vest Mosk un Ser. 3; Fiz., astron. 17 no 1;7-18 Ja-F '62.

Using electrets in focusing electron beam Manoilov, D. A. Tairova. Izv. vys uche

ELI

E

ELECTRON MICROSCOPE (Continued)

Observations of dislocations in metals by means of an electron microscope. L. G. Orlov, M. P. Usikov, L. M. Utevskii Usp. fiz. nauk 76 no. 1:109-152 Ja '62

ELECTRON MICROSCOPY

Electron microscope study of the formation of layers of lead sulfide G. I. Distler, S. A. Dariusina. Kristallografiia 7 no. 1 107-113 Ja-F '62

Electron microscopy for the determination of metal texture D. I. Lainer, E. I. Krupnikova-Perlina, A. S. Bal Trudy Giprotsvetmetobrabotka no. 20:142-147 '61

Gritsaenko, G. S., E. S. Rudnitskaia, and A. I. Gorshkov, [Electron microscopy of minerals, equipment, research methods, and preparation techniques] Elektronnaia mikroskopiia mineralov, apparatura, metody issledovaniia i tekhnika preparirovaniia. Moskva, Izd-vo Akad. nauk SSSR, 1961. 131 p.

Some structural characteristics of scale formation on titanium. D. I. Lainer, M. I. TSypin Trudy Giprotsvetmetobrabotka no. 20:28-41 '61

ELECTRON TUBES

Along the stages of discovery. K. S. Rzhevkin. Nauka i zhizn' 28 no. 12:49-51 D '61.

Iorish, A. E., IA. A. Kaisman, and S. V. Ptitsyn. [Principles of the manufacturing technology of electric vacuum devices] Osnovy tekhnologii proizvodstva elektrovakuumnykh priborov. Moskva, Gos. energ. izd-vo, 1961. 515 p.

Katsman, IU. A. [Electron tubes for high and low frequencies; theory and design fundamentals] Elektronnye lampy dlia vysokikh i nizkikh chastot, teoriia i osnovy rascheta. Moskva, Gos. energ. izd-vo, 1961. 311 p.

TSarev, B. M. [Calculation and design of electron tubes] Raschet i konstruirovanie elektronnykh lamp. Izd. 2., perer. i znachitel'no dop. Moskva, Gos. energ. izd-vo, 1961. 671 p.

ELECTRONIC AMPLIFIERS see Amplifiers (Electronics)

ELECTRONIC ANALOG COMPUTERS

Methods for designing function converters with a width modulation and averaging voltages with a special shape V. B. Smolov, E. P. Ugriumov Izv. vys. ucheb. zav.; prib. 5 no. 1:40-46 '62.

ELECTRONIC ANALOG COMPUTERS—BIBLIOGRAPHY see Bibliography—Electronic analog computers

ELECTRONIC APPARATUS AND APPLIANCES (see also subdivision under Latvia)

Analyzer of the distribution density of the probabilities of random processes [with summary in English]. I. N. Bocharov, R. I. Stakhovskii Avtom. i telem. 23 no. 2 169-175 F '62.

Anodes of thermionic converters. V. G. Bol'shov, A. A. Zharinov Zhur. tekh. fiz. 32 no. 2:214-219 F '62.

Concerning the statistical evaluation of the reliability of "aging" devices. V. I. Siforov, G. B. Linkovskii Radiotekhnika 17 no. 1:52-57 Ja '62.

Testing an automatic comparator on an electronic model. I. E. Ibragimov, V. V. Savin, F. M. Nagieva. Izv. AN Azerb. SSR, Ser. fiz.-mat. i tekh. nauk no. 5:33-38 '61.

ELECTRONIC APPARATUS AND APPLIANCES—QUALITY CONTROL

Area of application of the exponential law in the determination of reliability. L. Leont'ev. Izv. AN Latv. SSR no. 12:19-24 '61.

ELECTRONIC CALCULATING MACHINES

Algorithm for converting the recording of the bracket form of formulas to Lukashevych's bracketless form K. L. IUshchenko, O. I. Kostiuchenko. Zbir. prats' obchys. mat. i tekh. 3:84-88 '61.

Algorithms of the formal check of bracket and bracketless forms of recording formulas with single and two-place operations. K. L. IUshchenko, O. I. Mikhailova. Zbir. prats' z obchys. mat. i tekh. 3:90-93 '61.

Analysis of the performance of a diode capacitor memory system. A. I. Kondalev. Zbir. prats' z obchys. mat. i tekh. 2:60-76 '61.

Certain new methods for solving systems of linear algebraic equations using electronic computers [with summary in English]. M. V. Rybashov. Avtom. i telem. 23 no. 2:248-255 F '62

A certain problem concerning the synthesis of the networks of electronic computers. H. H. Liubchenko. Zbir. prats' z obchys. mat. i tekh. 3:25-29 '61

Concerning a certain method for calculating the complex roots of algebraic equations using simulating systems [with summary in English] A. A. Kosarev, A. V. Martynov, L. I. IAkunina. Avtom. i telem. 23 no. 2:163-168 F '62.

Concerning a certain modification in multiplication. Z. L. Rabinovych. Zbir. prats' z obchys. mat. i tekh. 2:102-104 '61.

Concerning a certain principle for the construction of an automatic pattern recognizing computer [with summary in English]. V. M. Hlushkov. Avtomatyka no. 1:55-65 '62.

Concerning the increase of the reliability of electronic computers. L. N. Dashevs'kyi. Zbir. prats' z obchys. mat. i tekh. 2:87-95 '61.

Concerning the solution of linear systems. V. E. Shamans'kyi. Zbir. prats' z obchys. mat. i tekh. 3:111-114 '61.

Determination of a frequency characteristic using the computing stages of an electronic calculating machine [with summary in English] L. N. Darovskikh. Avtom. i telem. 23 no. 2 244-247 F '62

Evdokimov, I. S., G. P. Evstigneev, and V. N. Krfushin. [Digital computers] TSifrovye vychislitel'nye mashiny. Izd. 3., perer. i dop. Moskva, Mashgiz, 1961. 456 p.

Experimental diode capacitor memory system. A. I. Kondalev, A. IA. Zubatenko. Zbir. prats' z obchys. mat. i tekh. 2:105-110 '61.

Fridlender, F. L., and L. A. TSeitlin. [Electronic computers] Elektronnye vychislitel'nye mashiny. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 147 p.

Inertial method for integrating differential equations using electronic computers. G. E. Pukhov Izv. vys. ucheb. zav.; elektromekh. 5 no. 1:3-9 '62.

Kaasik, U., H. Salum, and M. Sinisoo. [Electronic calculating machines] Elektron-arvutusmasinad. Tallinn, Eesti Riiklik Kirjastus, 1960 194 p. [In Estonian]

The machine "amuses itself", the machine "guesses" I. Vladimirov Starsh.-seizh. no. 11 31 O[i. e. N] '61.

Modernization of the SELM computer for calculating correlation functions. Z. L. Rabynovich. Zbir. prats' z obchys. mat. i tekh. 3:70-75 '61.

Multiplier using a controlled nonlinear resistance [with summary in English] O. M. Kudriavtsev, R. A. Lipman. Avtom. i telem. 23 no. 2 190-195 F '62.

Nau
me
ni
Co
Economic Research and Planning] Trudy. Moskva, Izd-vo Akad. nauk SSSR.
Vol. 6. [Use of mathematical methods in technical and economic calculations] Matematicheskie metody v tekhniko-ekonomicheskikh raschetakh. 1961. 166 p.

Pavlov, B. V. [Use of electronic calculating machines for studying the fuel systems of diesel engines] Ispol'zovanie elektronnykh vychislitel'nykh mashin dlia issledovaniia toplivnykh sistem dizelei. Moskva, Mashgiz, 1962. 99 p.

Recognition of an identical truth and falsehood of logic algebra formulas. H. H. Liubchenko. Zbir. prats' z obchys. mat. i tekh. 2:39-50 '61.

Second conference on the use of computers in the structural analysis of crystals. V. G. Petrov. Kristallografiia 7 no. 1:163-164 Ja-F '62.

Sets enumerable and solvable by automats. V. A. Kozmidiadi. Dokl. AN SSSR 142 no. 5:1005-1006 F '62.

"Sibiriachka" calculating machine. IUn. tekh. 6 no. 2: 30-31 '62.

Single-cycle storage-type pulse summation device. V. M. Hlushkov. Zbir. prats' z obchys. mat. i tekh. 2: 33-38 '61.

Solving the differential equation of liquid fluctuations with quadratic resistances on an MN-7 electronic mathematical machine. N. A. Panchurin, E. A. Mallavko Trudy LIVT no. 3:8-15 '60.

Sosis, P. M. [Mechanization of the design of structures according to standard programs] Mekhanizatsiia raschetov sooruzhenii po tipovym programmam. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1961. 153 p.

Study of the errors of certain linear operations. IU. V. Blahoveshchens'kyi Zbir. prats' z obchys. mat. i tekh. 3:94-96 '61.

Use of calculating machines in the analysis of crystalline structures. M. A. Porai-Koshits. Izv. AN SSSR, Ser. fiz. 26 no. 3:322-330 Mr '62.

"The use of electronic calculating machines in historical research" [in Czech] by Jaroslav Purš. Reviewed by N. M. Pashaeva. Vop. ist. no. 2:189-190 F '62.

Using electronic calculating machines of continuous action for the analysis of the processes of convection heat exchange. I. G. Liberman, E. I. Taubman. Teploenergetika 9 no. 2:67-70 F '62.

ELECTRONIC CALCULATING MACHINES—INPUT-OUTPUT EQUIPMENT

Zak, L. A., N. P. Kuleshov, and I. A. Petrov. [Punched card information input and output systems of the BESM-2 computer] Sistema ustroistv vvoda i vyvoda na perfokartakh vychislitel'noi mashiny BESM-2. Moskva, Vychislitel'nyi tsentr AN SSSR, 1961. 26 p.

ELECTRONIC CIRCUITS

A certain problem concerning the synthesis of the networks of electronic computers. H. H. Liubchenko. Zbir. prats' z obchys. mat. i tekh. 3:25-29 '61.

ELECTRONIC CONTROL

Analysis of the basic correlations in electronic correction of color-separating distortions. IA. M. Sul'povar. Sbor. nauch. rab. VNIIPP no. 11:35-44 '60.

Automatic control of the alignment and duty of radio transmitters. Z. M. Salikhov. Izv. AN Uz. SSR. Ser. tekh. nauk 6 no. 1:5-18 '62.

ELECTRONIC DIFFERENTIAL

Photoelectric analyzer of I
Izm tekh no 2:3-5 F

ELECTRONIC DIGITAL COMPUTERS

Address algorithms and
K. L. IUshchenko Zbir
2:21-25 '61.

Buslenko, N. P., and IU. A.
tistical tests (Monte-Carlo
puters in its realization]
tanii (Monte-Karlo) i
vychislitel'nykh mashin
fiziko-matem. lit-ry, 1961

Calculating digital systems
square deviation G
Zaidenberg Izv. vys.
140-150 '61.

Concerning a certain algo
stant of the Shwartz
Zbir. prats' z obchys

Evdokimov, I. S., G. P. L
[Digital computers] Tsifr
Izd 3., perer. i dop. Mo

Group operations of the
K. O. Shkabarn, K. I.
mat. i tekh. 2:10-20 '61

Increasing the precision
G. G. Men'shikov. Izv.
74-78 '62.

Kraizer, L. P. [New elem
computers] Novye elementy
mashin. Moskva, Gos
(Massovaia radiobibliot

Mathematical parameters
matic digital computer
K. L. IUshchenko Zbir
6-7 '61.

Methods for calculating
of consolidated electric
day digital computers
no. 3,9-14 Mr '62.

Multiplying device used in
man Izm tekh no

Number of binary-decimal
which are convenient for
Izv. vys. ucheb. zav.; prib

Smol'nikov, N. IA. [Pro
"Ural" digital computer]
dlia tsifrovoi mashiny "
vetskoe radio," 1961.

Structural characteristics
placements to the digital
ucheb. zav., mashinost

Structural diagram and
construction of the "
L. N. Dasheva'kyi,
Zbir. prats' z obchys.

Subprogram library of the
IUshchenko, M. O.
mat. i tekh. 2:20-32 '61

Use of an electronic digital
synchronization of
system. V. F. Chesa
Mr '62.

Use of digital computers
geous operation conditions
in a power system. A.
Teploenergetika 9 no.

Using digital computers
tics of combined control
statistical data. V. P.
bakov. Izv. vys. uchebn.
139 '61.

ELECTRONIC INSTRUMENTS

Electronic device for
of defects in threads. A.
zav.; prib. 5 no. 1:9-1

Electronic instrument
of the ignition. B. G.
Mr '62

Modulation phase-sensitive
Skripnik. Izm. tekh.

Multichannel unit for
shafts. B. Z. Votlokhin
'62.

ELECTRONIC MEASUREMENTS

Electronic measurer of the
paper. F. A. Anokhin.
262 '60.

Highly efficient selection
IU. L. Sokolov. Izm. tekh.

Vibration measuring and
Elektrosila no. 10 59 62

ELECTRONIC TRANSLATION

ELECTRONICS

Aksel'rod, F. A., A. P.
Fundamentals of electrical
a manual for electric
i elektroniki; dlia elektro
uchebno-pedagog. izd-vo

ELECTRONICS (Continued)

"Electronics in photography" by IU.V.Shashin Reviewed by G. Aleksandrov Sov foto 22 no 3 11 Mr '62

"Magic" electron. I. Akalovs'kyi. Nauka i zhyttia 11 no. 1:28-31 Ja '62.

Radio electronics should serve agriculture A. Ganelin. Tekh. v sel'khoz. 22 no 2:35-39 F '62

Role of radio electronics and cybernetics in the new program of the CPSU. A. I Berg Radiotekh. i elektron 7 no 3 363-368 Mr '62

Vainshtok, I. S. [Electronics in the manufacture of precast concrete] Radioelektronika v proizvodstve sbornogo zhelezobetona. Pod red. P. K. Balat'eva. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 155 p.

ELECTRONICS—BIBLIOGRAPHY see Bibliography—Electronics

ELECTRONICS IN AGRICULTURE

Chudnovskii, A. F., and B. M. Shklmovich. [Transistorized devices in agriculture] Poluprovodnikovye pribory v sel'skom khoziaistve. Leningrad, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 197 p.

ELECTRONICS IN MILITARY ENGINEERING

[New advances in military technology for youthful readers] Molodezhi o novom v voennoi tekhnike. Moskva, Izd-vo DOSAAF, 1961 342 p.

ELECTRONICS IN NAVIGATION

Converting attachment for depth sounding on river craft. O. F. Chernyah. Avtomatyka no. 1:70-04 '62.

ELECTRONS

Calculation of the higher density moments of a nuclear charge in bremsstrahlung of a longitudinally polarized electron. F. S. Sadykhov. Vest Mosk un Ser. 3 Fiz., astron. 17 no. 1:19-21 Ja-F '62.

Coincidences between conversion electrons arising in the decay of $Dy^{153} \rightarrow Tb^{153}$. B. S Dzhelepov and others Izv. AN SSSR Ser. fiz 26 no. 2 202-204 F '62.

Combined resonance in crossed magnetic and electric fields L. L Bulshvili. Fiz. tver. tela 4 no. 2:558-560 F '62.

Conversion electrons from short-lived platinum and tungsten isotopes. E. P. Grigor'ev and others Izv. AN SSSR. Ser. fiz 26 no. 1:120-124 Ja '62.

Dependence of $\beta\gamma$-correlation on the electron velocity in the β-decay of Co^{60} and Au^{198} [with summary in English]. V. M. Lobashov, V. A. Nazarenko Zhur. eksp. i teor. fiz. 42 no. 2:350-363 F '62.

Determination of the amplitudes of betatron and synchrotron oscillations of electrons by high-speed motion picture photography [with summary in English] A. G. Ershov. Zhur. eksp. i teor. fiz. 42 no. 2:606-609 F '62.

Electron activation of mesic atoms. A. E. Ignatenko, M. G. Petrashku, D. Chultem. Zhur. eksp. i teor. fiz. 42 no. 2:646-647 F '62.

Electron density distribution in indium antimonide. N. N. Sirota, I. M. Gololobov. Dokl. AN SSSR 143 no. 1:156-158 Mr '62.

Electron distribution by velocities, excitation, and ionization in a positive discharge column in neon. IU. M. Kagan, R. I Lingushchenko. Zhur tekh fiz 32 no. 2:192-196 F '62.

Exchange effect in the excitation of 2_s and 2_p levels of hydrogen atoms by electrons. R. K. Peterkop. Opt. i spektr. 12 no. 1:145-147 Ja '62.

Experimentally determinable electron density distribution in crystals and their diamagnetic susceptibility. Dokl AN SSSR 142 no. 6 1270-1201 F '62.

Measuring electron mobility on the basis of plasma resistance in a magnetic field [with summary in English]. G. E. Pikus, N. S. Skvortzov, V. G. IUr'ev. Zhur. eksp. i teor. fiz. 42 no. 2:330-337 F '62.

Radiation defects in n-germanium, caused by the action of fast electrons. B. M. Konovalenko, S. M. Ryvkin, I. D. IAroshetskii. Fiz. tver. tela 4 no. 2:379-382 F '62.

Radiation effects on electron relaxation and plasma conductance in a strong magnetic field [with summary in English]. A. I. Akhiezer and others. Zhur. eksp. i teor. fiz. 42 no. 2:552-564 F '62.

Slow electrons in β-decay of P^{32}. I. I. Badenko, E. E. Berlovich, V. G. Fleisher. Izv. AN SSSR. Ser. fiz. 26 no. 2:197-201 F '62.

Spectrum of conversion electrons with an energy exceeding 1000 Kev, from a lutecium fraction. B. S Dzhelepov and others. Izv. AN SSSR, Ser. fiz. 26 no. 2:162-161 F '62.

Temperature dependence of the lifetime of current carriers in indium antimonide. D. N. Nasledov, IU. S. Smetannikova. Fiz. tver. tela 4 no. 1:110-121 Ja '62.

Theory of the entrainment of electrons by phonons in rhombohedral semiconductors. V. L. Gurevich, IU. A. Firsov. Fiz. tver. tela 4 no. 2:530-537 F '62.

Waves in electron streams. G. P. Potin. Radiotekh. i elektron. 7 no. 3:468-474 Mr '62.

ELECTRONS—CAPTURE

Determining the absorption coefficients for an electron stream in a solid on the basis of regular features of the X-ray photoemission from a massive photocathode. M. A. Rumsh, V. N. Shchemelev, Kh. Prois. Fiz. tver. tela 4 no. 1:63-68 Ja '62.

Development of the excelectronic emission method for investigating the trapping levels in crystal phosphors and its use for studying the trapping levels in CaS and SrS phosphors. V. L. Levshin, P. A Pipinis. Opt i spektr. 12 no. 2:259-264 F '62

ELECTRONS—EMISSION

Effect of dispersing on electron emissivity. A A Zhukhovitskii, L A Andreev. Dokl AN SSSR 142 no 6 1319-1322 F '62

ELECTRONS—SCATTERING

Cross section for inelastic electron scattering in metals. A. IA. Vlatskin. Fiz. tver. tela 4 no. 2 555-556 F '62.

Electron transfer of thallium and cobalt in liquid metal solutions. D. K. Belashchenko, G. A. Grifor'ev. Izv. vys. ucheb. zav. chern. met 5 no. 1.124-130 '62

Galvanomagnetic phenomena in semiconductors in anisotropic electron scattering I IA. Korenblit Fiz tver. tela 4 no. 1:166-178 Ja '62

Mechanism of scattering on impurity ions in Bi_2T_3 B A. Efimova, E V Kel'man, L S Stil'bans. Fiz tver. tela 4 no 1 152-156 Ja '62.

ELECTROOSMOSIS

Study of the electroosmotic treatment of concrete. A. V. Sidorov. Gidr. stroi. 32 no. 12:21-24 D '61.

ELECTROPHORESIS

Blood protein displacements in patients before and after mitral commissurotomy; electrophoretic study [with summary in English] B. S. Dobriakov Grud. khir. 4 no. 1:33-41 Ja-F '62.

Treating acute mastitis by electrophoresis and antibiotics. V. S. Chepovskii. Nov. khir. arkh no 1 84-87 Ja-F '60.

Treatment of diseases of the mouth by electrophoresis of antibiotics. G. I. Khaikin Zdrav Kazakh. 21 no. 5:30-31 '61.

Use of electrophoresis of drugs in treating subacute apical periodontitis. G I. Sirota. Probl stom 5:194-197 '60.

ELECTROPHORESIS—EQUIPMENT AND SUPPLIES

Simple apparatus for the fixation of phoregrams following their staining in glass jars V P Kvetkov. Lab. delo 8 no 2 57-58 F '62.

ELECTROPHYSIOLOGY

Biopotentials of the human spinal cord in a normal state and under pathological conditions [with summary in English]. M. B. Shtark. Fiziol. zhur. [Ukr.] 8 no. 1:120-127 Ja-F '62.

Changes in the electric activity of the pigeon brain under the effect of various stimuli [with summary in English]. N. V. Frolkova. Fiziol. zhur. [Ukr.] 8 no. 1:79-85 Ja-F '62.

D. S. Vorontsov's phenomenon in one neuromotor unit [with summary in English]. S. I. Fudel'-Osypova. Fiziol. zhur. [Ukr.] 8 no 1:38-44 Ja-F '62.

Data on the electrophysiological characteristics of the vestibular analyser in birds. L. V. Orlov. Fiziol. zhur 48 no. 1:24-30 Ja '62

Dynamics of the electrical reactions of the cortex in the process of individual development. R. S. Mnukhina Fiziol. zhur. 48 no. 2:170-178 F '62.

Effect of metabolism on the physical electrotonus in smooth muscles [with summary in English] M. F Shuba. Fiziol. zhur. [Ukr.] 8 no. 1:54-61 Ja-F '62.

Effect of total external irradiation with ionizing rays on the bioelectric activity of the heart [with summary in English]. K. Sh. Nadareishvili. Trudy Inst fiziol AN Gruz. SSR 12:229-240 '61.

Electrophysiological analysis of the reactivity of nerve cells of different levels of the nervous system in ontogenesis V. S. Sheveleva. Dokl. AN SSSR 142 no. 2. 493-495 Ja '62.

"Electrophysiological methods in biological research" by J. Bures, M. Petran, J. Zachar. Reviewed by P. Kostiuk. Fiziol. zhur. [Ukr.] 8 no 1:137-138 Ja-F '62.

Electrophysiological study of exercises prerequisite to mastering the straight hand balance on parallel bars. A. G. Vasil'ev. Teor i prak. fiz. kul't. 24 no. 10.757-760 '61.

Investigation of the sensitivity of various divisions of a dog's brain with the help of cannular electrodes. A. IA. Mohylevs'kyi. Fiziol. zhur. [Ukr.] 8 no. 1:132-136 Ja-F '62.

Lobachevskii's geometry used in medicine. B. V. Ognev, G. D. Novinskii. IUn. tekh 6 no. 2:16-17 '62.

Local and spreading potentials of individual mechanoreceptors (Vater-Pacini bodies). O. B. Il'inskii. Dokl. AN SSSR 142 no. 2:408-490 Ja '62.

Physicochemical mechanisms generating rhythmic oscillations of the electric potential in neural formations (reactions of the alpha rhythm type). V. V. Artem'ev. Dokl. AN SSSR 142 no. 6 1424-1427 F '62.

Physiological nature of the bioelectric phenomena of the brain under the action of barbiturates. I. S. Robiner. Vop. psikh. no. 4:199-207 '60.

Potential of the degenerating posterior cerebrospinal root of a cat [with summary in English]. T. M. Mamonets. Fiziol. zhur. [Ukr.] 8 no. 1:71-78 Ja-F '62.

Recording the action potentials of individual neurons on a magnetic carrier. B. IA. P'iatyhors'kyi. Fiziol. zhur. [Ukr.] 8 no. 1:129-131 Ja-F '62.

Role of subcortical formations in the bioelectric reactions of the cerebral cortex during acute radiation sickness. G. V. Izosimov. Radiobiologiia 1 no 6:946-952 '61.

Secondary electric response of the cerebral cortex [with summary in English]. P. M. Sterkov, V. V Russiev Fiziol. zhur. [Ukr.] 8 no. 1:45-53 Ja-F '62

Study of changes in the bio-electric mosaic of the cerebral cortex in schizophrenics during treatment with acepromazine (plegicil) [with summary in French]. F. A Leibovich Zhur. nevr. i psikh 61 no. 6 896-901 '61.

Tale of the green ray. V. Skok. Znan. ta pratsia no. 2 19-20 F '62.

ELECTROPHYSIOLOGY—ELECTRONIC EQUIPMENT

Semiconductor radio-frequency outlet element of a stimulator V. O Mais'kyi Fiziol zhur. [Ukr.] 8 no. 1:128-129 Ja-F '62.

ELECTROPHYSIOLOGY—EQUIPMENT AND SUPPLIES

Multichannel intracellular microelectrodes. A. I. Shapovalov. Fiziol zhur 48 no. 2 213-214 F '62.

ELECTROPHYSIOLOGY OF PLANTS

The propagating wave of excitation in higher plants. L I Gunar, A. M. Siniukhin. Dokl AN SSSR 142 no 4 954-956 F '62.

ELECTROPLATING

Photometric study of conditions for the formation of powdered metals. V N Kudriavtsev, N. K Baraboshkina, M. G. Batrukova. Zhur prikl. khim 35 no 2:450-452 F '62.

ELECTRORETINOGRAPHY

Sources of the electroretinogram in Cephalopoda. A. L. Byzov, O. IU. Orlov Fiziol zhur 48 no 1:16-23 Ja '62

Study of the electroretinogram of the faceted eye of the malva moth (Pectinophora malvella Hb.). V.V Vasilian Dokl. AN Arm. SSR 33 no. 5 231-234 '61.

ELECTROSTATICS

Potential coefficients in a system of discs lying in the same plane. IU. IA. Iossel' Elektrichestvo no. 3:87-89 Mr '62.

Verbitskii, I. L. [Electrostatics and electromagnetism] Elektrostatika i elektromagnetizm. Izd. 2., ispr. i dop. Minsk, Redaktsionno-izdatel'skii otdel BPI im. L. V. Stalina, 1961. 290 p.

ELECTROSURGERY

Comparative evaluation of mono- and bi-active electrocoagulation of tumors of the urinary bladder. M. T. Taukenov. Zdrav. Kazakh 21 no 10.16-20 '61

Effect of diathermocoagulation on dental pulp. L. I. Urbanovich. Probl. stom. 5, 163-168 '60.

Evaluation of diathermosurgical treatment of glandular and muscular hyperplasias of the cervix uteri [with summary in English]. E V. Molzhaninov. Vop. onk. 7 no. 7:54-58 '61.

Late results of treating chronic periodontitis by diathermocoagulation. A. I. Marchenko. Probl stom. 5:198-200 '60.

ELECTROTHERAPEUTICS

Unique "electric girdle" used at the end of last century. A. Grenader Zdrav. Bel 7 no 6:64 Je '61.

ELEKTROSTAL'—CHEMISTRY—STUDY AND TEACHING

For chemistry teachers. A Zolbin. Nar. obr. no. 3:35-36 Mr '62.

ELEMENTARY EDUCATION see Education, Elementary

ELENOVKA REGION (DONETSK PROVINCE)—LIMESTONE

Industrial adaptation of a washing screen to limestones at the Elenovka plant. A S. Sladkov. Gor. zhur no. 11:69-72 N '61

ELEPHANTIASIS

For life and for work. P. Medvedev. Neva no. 8:221 '61

Radical treatment of chronic lymphedema ("elephantiasis") of the lower extremities V. M. Sheinis Khirurgiia no 2:59-65 '62.

EMBALMING
"History of the embalming of corpses and the creators of Russian anatomical technique" by B. M. IAroslavtsev. Reviewed by N. D. Dovgiallo. Arkh. anat. gist. i embr. 41 no. 7 121 Jl '61.

EMBICHINE
Actue neuritis during novembichine therapy of a child suffering from a hearing disorder. N. V. Velikorussova, L. N. Artemkina. Vest. otorin. no. 2 95-96 '62.
Embichine therapy in neuritis of the acoustic nerve [with summary in English]. N. P. Kniga, S. M. Svirnovskaia. Vest. otorin. no. 2 78-81 '62.
Treatment of acoustic neuritis with novembichine [with summary in English]. IA. G. Volynkin, R. I. Stepanova. Vest. otorin. no. 2 81-83 '62.

EMBOLISM
Prevention of thromboembolic complications in lung cancer. E. P. Stepanian, IU. D. Moiseienko, N. IA. Kosorukova. Grud. khir. no. 5, 89-94 '61.
Resuscitation of the organism after clinical death caused by air embolism. F. A. Efendiev, N. M. Rzaev, R. A. Mustafaev. Dokl. AN Azerb. SSR. 17 no. 12:1185-1188 '61.
Thromboembolism of the aortal bifurcation as a complication following pneumonectomy. V. S. Bashenov. Zdrav. Bel. 7 no. 6 41-45 Je '61.

EMBROIDERY, UKRAINIAN
Embroidered wall hangings. H. Miestichkin. Ukraina no. 5:17 Mr '62.

EMBRYOLOGY
Antibiotic properties of the albuminous envelope in chicken, duck and guinea fowl eggs; the problem of immunity in the embryo [with summary in English]. N. A. Movchan. Vest. LGU. 17 no. 3:54-65 '62.
Detecting the arteries and veins of the mammary gland in the embryos of cows. V. P. Chumakov. Veterinariia 39 no. 1:81 Ja '62.
Endomitosis and polyteny of giant trophoblast cells. E. V. Zybina. Dokl. AN SSSR. 140 no. 5:1177-1180 O '61.
Great mystery of nature. T. Chystiakova. Nauka i zhyttia 11 no. 12:49-51 D '61.
Man is entrusted with life. D. Petrucci. Nauka i zhizn' 28 no. 12:40-42 D '61.

EMBYROLOGY—BATRACHIA
Neurohypophysis and adenohypophysis in the late period of the larval development of the frog [with summary in English]. A. A. Voitkevich. Arkh. anat. gist. i embr. 42 no. 2:69-82 F '62.

EMBRYOLOGY—FISHES
Experiments in incubating the eggs of the Baltic cod. G. B. Grauman. Trudy BaltNIRO no. 7:103-109 '61.
Mechanism of the transition of the blastocelic fluid into the cavity of the primary gut in sturgeon embryos. A. I. Zotin. Dokl. AN SSSR. 142 no. 4 966-971 F '62.
Relation between the hardiness of embryos and the age of parent fish [with summary on page 270]. V. M. Korovina. Izv. GosNIORKH. 51:118-124 '61.

EMBRYOLOGY (BOTANY) see Botany—Embryology

EMBRYOLOGY, HUMAN
Development of the spinal column during the human embryonic period. N. V. Popova-Latkina. Vop. antr. no. 6:21-29 '61.

EMERGENCIES, MEDICAL see Medical emergencies

EMOTIONS
Role of emotional excitation in the behavior of higher vertebrates [with summary in English]. I. S. Beritashvili. Trudy Inst. fiziol. AN Gruz. SSR. 12:19-53 '61.
Role of the archicortex in the emotional reactions of cats [with summary in English]. TS. A. Ordzhonikidze, M. A. Nutsubidze. Trudy Inst. fiziol. AN Gruz. SSR. 12: 95-106 '61.

EMPHYSEMA
Subcutaneous emphysema in obstetrical practice. A. K. Poplavskii. Kaz. med. zhur. no. 6 36-38 N-D '61.

EMPHYSEMA, PULMONARY
X-ray diagnosis of pulmonary emphysema in children [with summary in English]. IA. L. Shik. Vest. rent. i rad. 36 no. 6 11-16 N-D '61.

EMPLOYEE VACATIONS see Vacations, Employee

EMPLOYEES, DISMISSAL OF
Answering our readers' questions. Sov. iust. no. 2:21 Ja '62.
Judicial practice in cases concerning the reinstatement of workers to their former positions. M. Voronov. Rad. pravo no. 1:111-116 Ja-F '62.
Under what conditions can the management fire a worker? IU. IUrburgskii. Otv. na vop. trud. no. 8-53-55 Ag '61.

EMPLOYEES, TRAINING OF
Changes in the occupational structure of the Soviet laboring classes during the large-scale building of communism. R. A. Kleshcheva. Nauch. dokl. vys. shkoly; filos. nauki 5 no. 1:49-56 '62.
"Raising the cultural level and technical qualification of Soviet workers." Reviewed by B. G. Dolgodilin and others. Vop. filos. 16 no. 2 161-168 '62.

EMPLOYERS' LIABILITY
Compensation for disability caused by industrial accidents. I. Kharaz. Rad. pravo no. 1 143 Ja-F '62.
A conference of consulting lawyers. A. Semenov. Sov. iust. no. 1:26 F '62.
Decision No. 6 of the Plenum of the Supreme Court of the U. S. S. R. of December 14, 1961 "How Soviet courts should implement the Decree of the Presidium of the Supreme Soviet of the U. S. S. R. of October 1961 'Procedure in the examination of lawsuits concerning the liability of industrial enterprises and governmental agencies for injuries to workers' health during their work.'" Biul. Verkh. Suda no. 1:8-9 '62.
How industrial enterprises and governmental agencies and organizations should compensate workers and employees for injuries to health during their work. Biul. Verkh. Suda no. 1 40-47 '62.
In the Supreme Court of the U. S. S. R. Sots. zakon. 39 no. 2 64 F '62.
New regulations on liability for injury to workers' and employees' health. Sov. iust. no. 3:1-7 F '62.
Regulation No. 483/25 of December 22, 1961 of the State Committee of the Council of Ministers of the U. S. S. R. on Labor and Wages and the All-Union Central Council of Trade Unions. Biul. Verkh. Suda no. 1:39 '62.
Regulations on the liability of industrial enterprises and governmental agencies for injuries caused to workers' and employees' health during their work. Sov. iust. no. 2:28-32 Ja '62.
Rules for compensation payments of enterprises, offices and organizations to workers and employees for injury, mutilation and other damage to their health incurred in connection with their work (to be concluded in the next issue). Okhr. truda i sots. strakh. 5 no. 2, 39-41 F '62.
What are considered work-connected injury and occupational illness in the granting of social insurance payments. T. Petrova. Okhr. truda i sots. strakh. 5 no. 2:42-43 F '62.

EMPLOYMENT OF STUDENTS see Student employment

EMPYEMA
Bogush, L. K., and L. S. Gromova. [Surgical treatment of tuberculous empyemata.] Khirurgicheskoe lechenie tuberkuleznykh empiem. Moskva, Medgiz, 1961. 131 p. (DNLM)
Significance of bacterial flora in the development of postoperative empyema in tuberculous empyema of the pleura [with summary in English]. R. M. Rozenfel'd, P. Kh. Vinokurova. Grud. khir. 4 no. 1:81-84 Ja-F '62.

EMULSIONS
Dispersity and stability of emulsions stabilized by solid emulsifiers. A. B. Taubman, A. F. Koretskii. Dokl. AN SSSR. 140 no. 5 1128-1131 O '61.

EMULSIONS, PHOTOGRAPHIC see Photographic emulsions

ENAMEL AND ENAMELING
Razina, T. M. [Russian enamels and filigree.] Russkaia emal' i skan'. Moskva, Gosmestpromizdat, 1961. 35 p. illus.
Wear resistance of enamel coatings. G. I. Beltaev, IU. D. Barinov. Mashinostroenie no. 1 67-70 Ja-F '62.

ENCEPHALITIS
(see also subdivision under Tatar A.S.S.R.)
Amount of protein and protein fractions in the blood serum in otogenic encephalitis and abscesses of the brain. K. D. Mirazizov, G. A. Feigin. Med. zhur. Uzb. no. 9:33-35 S '61.
Cerebral rheumatism [with summary in English]. A. Panov. Pediatriia 41 no. 3:49-52 '62.
Clinical characteristics of encephalitis observed in Leningorsk. V. N. Nikol'skii, M. A. Ronkin. Zhur. nevr. i psikh. 61 no. 6 865-868 '61.
Clinical characteristics of hemorrhagic encephalitis [in Azerbaijani with summary in Russian]. Z. M. Salaeva. Azerb. med. zhur. no. 8:14-22 Ag '61.
Experimental study of a tissue vaccine against tick-borne encephalitis [with summary in English]. B. F. Semenov and others. Vop. virus. 6 no. 6:716-720 N-D '61.
Otogenic abscess of the parietal lobe of the brain resulting in serous meningoencephalitis. M. S. Rozenblat. Vest. otorin. no. 2 104-105 '62.
Symposium on the Biology of Viruses of the Tick-borne Encephalitis Group. E. Levkovich, S. Karpov. Vop. virus. 6 no. 6:756-760 N-D '61.
"Tick-born encephalitis" by Kh. L. Bel'man. Reviewed by I. Razdol'skii. Zhur. nevr. i psikh. 61 no. 6:947 '61.
Tuberculoma of the stump of the sclera associated with focal meningoencephalitis. N. S. Orlova. Kaz. med. zhur. no. 6:66-67 N-D '61.

ENCEPHALOGRAPHY
Electroencephalographic studies of vibration sickness. P. I. Shpil'berg. Uch. zap. Mosk. nauch.-issl. inst. san. i gig. no. 7:37-44 '60.

ENCEPHALOMYELITIS
Effect of some acridine derivatives on the poliomyelitis and murine encephalomyelitis viruses [with summary in English]. O. V. Bychkovskaia and others. Vop. virus. 6 no. 6 736-738 N-D '61.

ENCYCLOPEDIAS AND DICTIONARIES, UKRAINIAN
Onats'kyi, Ilvhen. [Little Ukrainian encyclopedia.] Ukrains'ka mala entsyklopediia. Buenos Aires, Nakladom Administratury UAPTs v Argentini. Vol. 9 NA - OL. 1962 1077-1201 p.

ENCYCLOPEDISTS
Nicolas Antoine Boulanger and the Encyclopedists [with summary in English, p. 198]. L. S. Gordon. Nov. i noveish. ist. no. 1:125-134 '62.

END OF THE WORLD
Komarov, V. N. [Will there be an end of the world?] Budet li konets mira? Moskva, Gos. izd-vo polit. lit-ry, 1961. 70 p. (Besedy s veruiushchimi.)

ENDOCARDITIS
Clinical anatomical characteristics of nephritis in chronic septic endocarditis. E. N. Solomina, M. A. Poteksaeva. Vest. AMN SSSR. 16 no. 12:33-39 '61.

ENDOCRINE GLANDS
Endocrine system and cardiac insufficiency. R. G. Mezhebovskii. Terap. arkh. no. 9:7-11 '61.

ENDOCRINE GLANDS—DISEASES
State of the maxillodental system in patients with certain endocrine disorders. L. P. Grigor'eva. Probl. stom. 5:398-404 '60.

ENDOCRINOLOGY
"Problems of endocrinology." Part 1. Reviewed by M. Piletskii. Zdrav. Bel. 7 no. 8:77-78 Ag '61.

ENDOMETHYLENENAPHTHALENE
Production of 2, 3, 6, 7-dioxide of 1, 4, 5, 6-diendomethylene-1, 4, 4a, 5, 8, 8a-hexahydronaphthalene. O. K. Gosteva and others. Plast. massy no. 2:55 '62.

ENDOMETRIUM
Simple method of obtaining material for the cytological study of the endometrium. A. I. Stupko. Vop. onk. 8 no. 1, 121-123 '62.

ENGELS, FRIEDRICH, 1820-1895
Friedrich Engels, researcher in Ireland's ancient history [with summary in English]. L. I. Gol'man. Sred. veka no. 19 8-31 '61.
Friedrich Engels' unpublished letter to Eugenie Longuet. Sred. veka no. 19 3-7 '61.

ENGINEERING
Sosis, P. M. [Mechanization of the design of structures according to standard programs] Mekhanizatsiia raschetov sooruzhenii po tipovym programmam. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1961. 153 p.

ENGINEERING—PERIODICALS
Our periodical. Avt. dor. 25 no. 1:3 of cover Ja '62.

ENGINEERING—PERIODICALS—INDEXES
Index of the periodical for 1961. Izv. vys. uchcb. zav.; mashinostr. no. 12:169-176 '61.

ENGINEERING, MECHANICAL see Mechanical engineering

ENGINEERING, RAILROAD see Railroad engineering

ENGINEERING, WATER-SUPPLY see Water-supply engineering

ENGINEERING GEOLOGY
(see also subdivision under Amu Darya Valley; Sayan Mountain region)
Larionov, A. K. [Engineering geology made interesting] Zanimatel'naia inzhenernaia geologiia. Moskva, izd-vo "Vysshaia shkola," 1961. 231 p.

ENGINEERING GEOLOGY—CONGRESSES
S
v stroitel'stve; materialy. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 230 p.

ENGINEERING LABORATORIES see subdivision under Moscow

ENGINES—LUBRICATION
Checking the lubricating system of engines. V. Cherkun. Sel'. mekh. no. 12:25-26 '61.

ENGLISH LANGUAGE
Handling of words with homonymy of a part of speech in the analysis of English texts. M. M. Langleben, E. V. Paducheva. Soob. Otd. mekh. i avtom. inform. rab. no. 2:226-233 '61.
Programming analysis of the English language (from translation through an intermediate language). E. V. Paducheva. Soob. Otd. mekh. i avtom. inform. rab. no. 2:210-227 '61.

ENGLISH LANGUAGE (Continued)

Syntactical analysis of prepositional groups in the English language. M.M Langleben Soob.Otd.mekh i avtom. inform. rab. no.2,234-242 '61

ENGLISH LANGUAGE—DIALECTS

Beliaeva, T.M., and I.A. Potapova. [The English language outside England] Angliiskii iazyk za predelami Anglii; posobie dlia studentov pedagogicheskikh institutov. Leningrad, Gos. uchebno-pedagogicheskoe izd-vo M-va prosv. RSFSR, 1961. 150 p.

ENGLISH LANGUAGE—DICTIONARIES—RUSSIAN

"English-Russian Dictionary" by Z.E. Rabinovich and others; a review. Tekst. perev. 21 no 12 83-84 D '61

Fal'kovich, M.M. [Guide to English vocabulary] Leksicheskii spravochnik po angliiskomu iazyku, uchebnoe posobie dlia studentov I-V kursov institutov i fakul'tetov inostrannykh iazykov Moskva, Izd-vo lit-ry na inostr. iazykakh, 1961 352 p

ENGLISH LANGUAGE—GRAMMAR

Krasinskaia, M.S., and I.A. Golovina. [Textbook of the English language] Uchebnik angliiskogo iazyka. 3., perer. izd. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 338 p.

ENGLISH LANGUAGE—STUDY AND TEACHING

Connection between teaching geography and foreign languages. S.M. Nikonova. Geog. v shkole 25 no. 2: 60-62 Mr-Ap '62.

English is spoken here today! E. Kotok. Shkola-int. no. 1:35-41 Ja-F '62.

ENGLISH LANGUAGE—STYLE

Verbal substitution in the modern English language [with summary in English]. E. IA. Antipova Vest. LGU 17 no. 2:137-149 '62.

ENGLISH LANGUAGE—TECHNICAL ENGLISH

Krasinskaia, M.S., and I.A. Golovina. [Textbook of the English language] Uchebnik angliiskogo iazyka. 3., perer. izd. Moskva, Gos.izd-vo "Vysshaia shkola," 1961. 338 p.

Pumpianskii, A.I. [Translation of English scientific literature; vocabulary] Perevod angliiskoi nauchnoi literatury; leksika. 2., ispr. izd. Moskva, Izd-vo Akad. nauk SSSR, 1961. 101 p.

ENGLISH LANGUAGE—TRANSLATING

Pumpianskii, A.I. [Translation of English scientific literature; vocabulary] Perevod angliiskoi nauchnoi literatury; leksika. 2., ispr. izd. Moskva, Izd-vo Akad. nauk SSSR, 1961. 101 p.

ENGLISH LANGUAGE—VERB

Back-formation of verbs from root words ending in "ing" in the English language [with summary in English]. A. V. Miachina Vest. LGU 17 no. 2:131-136 '62.

Verbal substitution in the modern English language [with summary in English]. E. IA. Antipova. Vest. LGU 17 no. 2:137-149 '62

ENGLISH LANGUAGE—WORD FORMATION

Back-formation of verbs from root words ending in "ing" in the English language [with summary in English] A. V. Miachina. Vest. LGU 17 no 2:131-136 '62.

ENGRAVING

Molsaev, A.G., and V.M. Petrov. [Manual for engraving of textile patterns] Rukovodstvo po gravirovaniiu tekstil'nogo risunka. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1961. 147 p.

ENGRAVINGS

(see also subdivision under Moscow)

Komelova, G.N. [Scenes from Russian folk life at the end of the 18th and beginning of the 19th century as depicted in engravings held in the collections of the State Hermitage] Stseny russkoi narodnoi zhizni kontsa XVIII - nachala XIX vekov po graviuram iz sobranii Gosudarstvennogo Ermitazha. Leningrad, Izd-vo Gos. Ermitazha, 1961. 25 p. illus.

ENSEMBLES (MATHEMATICS) see Aggregates

ENSILAGE

Lykhvar, D.F., and P.K. Chemerys. [Companion cropping of corn with pulse for silage] Sumisne vyroshchuvannia kukurudzy z zernobobovymy na sylos. Kyiv, 1961. 45 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 5, no. 24)

Pakhuchyi, V.M. [How to prepare high quality silage] IAk prygotuvaty sylos vysokoi iakosti. [Kharkiv] Kharkivs'ke knyzhkove vyd-vo, 1961. 86 p.

Silage harvester for operation at increased speeds. N. Avdeev and others. Tekh. v sel'khoz. 22 no. 1:43-44 Ja '62.

ENTERIC FEVER see Typhoid fever

ENTEROKINASE

Amount of phosphatase and enterokinase in feces of infants in dysentery. I.F. Fasylov. Med. zhur. Uzb. no 2:27-28 F '60.

ENTERTAINERS, RUSSIAN

His calling. V. Shumskii. Sov. voin 33 no. 22 43 N '61

ENTERTAINMENTS see Amusements

ENTIRE FUNCTIONS see Functions, Entire

ENTOMOLOGICAL RESEARCH

Man studies insects. P. Danits. Nauka i zhizn' 28 no. 12:68-73 D '61

ENTROPY

Some remarks apropos of the so-called "entropy death" of the universe K. P Stanlukovich Vop filos. 16 no 3:137 '62

ENZYMES

Change in the activity of some oxidation-reduction enzymes in Flexner's dysenteric bacteria during the process of adaptation to levomycetin [with summary in English]. M N Plotnikova Antibiotiki 7 no 2 154-155 F '62

Enzyme excretion function of the small intestine in chronic enteritis and enterocolitis [with summary in English] K. B Bakhadyrov Vop pit 21 no 1 29-33 Ja-F '62

Some indexes of the fermentative activity of the blood in patients with reactive psychoses. N I. Pogibko. Probl. sud psikh 9:258-268 '61

EPHEDRA see subdivision under Kazakhstan

EPIDEMIOLOGY

Epidemiological analysis and its significance in the problem of eradicating infections. Report No. 2: Method for an epidemiological examination of sporadic foci. G. P. Slavin, E S. Tyrkova. Zhur. mikrobiol., epid. i immun. 32 no. 9:121-124 S '61.

Epidemiology of noninfectious diseases. P. E. Verbov. Zhur. mikrobiol., epid. i immun. 32 no 9 124-125 S '61.

EPIDOTE CRYSTALS see subdivision under Kazakhstan; Transbaikalia

EPILEPSY

Bekhterev's choreic epilepsy [with summary in French] A. M Briskman Zhur nevr i psikh. 61 no. 6,862-864 '61

Case of epilepsy with multiple insulomas of the pancreas. F. D. Liubimova. Vop. psikh. no. 4:190-195 '60

Catamneses of epilepsy patients after treatment with hexamidine. N. S. Ivanova. Vop. psikh. no. 4:124-131 '60.

Change in the carotid glomus in epilepsy. F. D. Liubimova. Vop. psikh. no. 4:182-180 '60

Clinical aspect, etiology and pathogenesis of epilepsy. V. V. Pishchugin. Vop. psikh. no. 4:141-151 '60

Clinical characteristics and hormonal changes in so-called menstrual epilepsy. T. S. Zaichkina. Vop psikh no. 4:106-116 '60.

Clinical characteristics of the initial forms of epilepsy in children. O. P. IUr'eva. Vop. psikh no. 4:59-65 '60.

Effect of some medicinal substances on the indices of nitrogen metabolism in epilepsy. N. S. Ivanova, A. I. Krasnova. Vop. psikh no. 4:117-123 '60.

Epileptic psychoses. Report No. 1: Their course and differential diagnosis. E. K Molchanova. Vop. psikh. no. 4:70-78 '60.

Epileptic psychoses. Report No. 2: Dynamics of the clinical picture of epileptic psychoses under treatment with aminazine and reserpine in combination with anticonvulsant drugs. E. K. Molchanova. Vop. psikh. no. 4: 79-89 '60.

Epilepsy at an early age. M. A. Uspenskaia. Vop. psikh. no. 4:66-69 '60.

Frequency of epileptic manifestations in varied localization of brain tumors and their varied histological structure. D. K. Drobnokhodov. Vop. psikh. no. 4:132-140 '60.

Latent epilepsy. R. A. Nadzharov, N. G. Shumskii. Vop. psikh. no. 4:90-105 '60.

"Lectures on epilepsy" by Lorentz de Haas. Reviewed by M. Rokhlina Zhur. nevr. i psikh. 61 no. 11 1746-1750 '61.

Psychotherapy in epilepsy. A. N. Boldyrev. Vop. psikh. no. 4:170-177 '60.

Use of intermittent stimulation of the cortical processes in treating epilepsy. M. S. Shindler. Vrach. delo no. 1:145-149 Ja '62.

Use of small doses of radioactive phosphorus in the treatment of epilepsy. G. G. Sokolianskii, E. D. Dubovyi, IU. L. Kurako. Vrach. delo no. 1:72-75 Ja '62.

EPILEPTICS

Disorders of higher nervous activity in children with epilepsy. L. I. Bellakova. Trudy Inst. nerv. deiat. Ser. patofiziol. 8:103-108 '61.

Psychotherapy of epileptic patients. A. K. Mikhailov. Vop. psikh. no. 4:178-181 '60.

Some characteristics of the neurodynamics of children suffering from epilepsy in the form of petit mal attacks, and the effect of epimide on them. T. P. Fufygina. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. 8:117-126 '61.

Studies of the higher nervous activity in children suffering from epilepsy, with a relatively short course of the disease V. M. Bashina. Trudy Inst. vys nerv deiat Ser. patofiziol 8 109-116 '61

Work adaptability in epilepsy. A. I. Boldyrev. Vop. psikh no. 4: 152-169 '60.

EPITHELIUM

Experimental data for evaluating the proliferative capacity of the crevicular epithelium [with summary in English] V. I. Stetsula. Arkh pat no 2 49-55 '62.

EPOXY COMPOUNDS

Mulinovskii, M.S. [Olefin oxides and their derivatives] Oksi olefinov i ikh proizvodnye. Moskva, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1961. 552 p.

EPOXY RESINS

Production of 2, 3, 6, 7-dioxide of 1, 4, 5, 8-diendomethylene-1, 4, 4a, 5, 8, 8a-hexahydronaphthalene O. K. Gosteva and others Plast. massy no. 2 55 '62.

EQUATION OF STATE

Equation of state for gabbro and dunite at high pressures V N Zharkov, V A Kalinin Izv AN SSSR Ser geofiz no 3 298-306 Mr '62.

Equation of state of liquid normal hexane A M Mamedov. Izv. vys. ucheb. zav., neft' i gaz 4 no. 5,103-109 '61

EQUATIONS

Certain new methods for solving systems of linear algebraic equations using electronic computers [with summary in English] M. V Ryabshov. Avtom i telem 23 no 2 248-255 F '62.

EQUATIONS, DIFFERENTIAL see Differential equations

EQUATIONS, INDETERMINATE see Diophantine analysis

EQUATIONS, LINEAR see Linear equations

EQUATIONS, QUADRATIC

Choice of invariant variables for "many-tail" amplitudes [with summary in English]. V. E Asribekov Zhur eksp. i teor. fiz. 42 no. 2,565-578 F '62

EQUATIONS, ROOTS OF

Concerning a certain method for calculating the complex roots of algebraic equations using simulating systems [with summary in English]. A A Kosarev, A.V. Martynov, L. I. IAkunina Avtom. i telem 23 no. 2 163-168 F '62.

EQUILIBRIUM

An axisymmetrical problem of limit equilibrium A M. Kochetkov Inzh zhur. 1 no 3 146-150 '61.

EQUIVALENT CIRCUITS

Concerning a certain method for reducing multiterminal networks to an equivalent four-terminal network. A. A. Tiutin Radiotekhnika 17 no 3 10-19 Mr '62

ERBIUM

Electronic paramagnetic resonance and spin-lattice relaxation of an Er^{3+} ion in a CdF_2 single crystal G. M. Zverev and others. Fiz. tver tela 4 no. 2 392-395 F '62.

ERGOGRAPH

Characteristics of macrointerval in the motor activity of a man [with summary in English] V. S. Aver'ianov. Vest LGU 17 no. 3:93-101 '62.

Manifestation of the typological characteristics of man during the formation of work capabilities studied on an ergograph [with summary in English]. L. P. Pavlova Vest. LGU 17 no. 3:124 '62

ERIVAN—APARTMENT HO

Large-panel housing con

nazian G. V

ERIVAN—PRESSING OF GARMENTS

Redesigning of the pneumatic presser. R. Kagramanian. Prom. Arm. 5 no 2:12 F '62

ERIVAN—PUMPING MACHINERY

Eccentric driven pumps. Prom. Arm. 5 no. 2:37 F '62

ERIVAN—SEWAGE—PURIFICATION

Industrial water supply and purification of industrial sewage waters. A. Akopov. Prom. Arm. 4 no. 12: 22-24 D '61.

ERIVAN—SILK MANUFACTURE

New assortment of silk fabrics. A. Platkova. Prom. Arm. 5 no. 1 43-44 Ja '62

ERIVAN—THEATER

In the Sundukian Theater L. Samvelian. Teatr 23 no. 2: 102-103 F '62.

ERIVAN—WOOD INDUSTRY—LABOR PRODUCTIVITY

Some potentials of the growth of labor productivity in the Erivan Woolen and Worsted Combine. R. Gubaidulin. Prom. Arm. 4 no. 12 32-35 D '61.

EROSION

(see also subdivision under Buryat-Mongolia)

Empirical relationship for quantitative estimation of surface erosion of soils G. I. Shvebs Sbor. rab po gidrol. no 1 70-75 '59.

ERYTHEMA

Chronic erythema nodosum (personal observations) [with summary in English] O. K. Shaposhnikov Vest. derm. i ven. no 2 21-28 '62

ERYTHREMIA

Treatment of erythremia with radioactive phosphate. R. N. Karimova. Med. zhur. Uzb no 9:65-66 S '61

ERYTHROBLASTOSIS FETALIS

Diagnosis, clinical aspects, and treatment of hemolytic jaundice in newborns. L. V. Burenkova. Zdrav Kazakh. 21 no 6:45-51 '61.

Hemolytic jaundice in newborns and its complications affecting the nervous system. IA. IA. Gordon. Med zhur. Uzb. no. 12 49-53 D '61.

ERYTHROCYTES

Changes in erythrocytes in heavy athletes due to weight lifting. A. N. Vorob'ev, M. S. Kireeva. Teor i prak. fiz. kul't. 24 no. 8:591-592 '61.

Compensatory changes in the red blood in pulmonary insufficiency in siderosilicosis. G. Kh. Lazidi, A. A. Koval'chuk. Gig. truda i prof zab 6 no. 1:58-61 Ja '62

Reaction of indirect hemagglutination with preserved erythrocytes, preliminary report. V. A Sinitsyn, IA S Shvartsman. Lab. delo 8 no. 2 30-35 F '62

Red blood cell picture and the average erythrocyte diameter following partial and subtotal gastric resection [with summary in English]. N. P. Timakin. Terap. arkh. no. 9:84-89 '61

ERYTHROMYCIN

Effect of phosphorus on erythromycin biosynthesis [with summary in English]. S. L. Brinberg. Antibiotiki 7 no. 1:16-22 Ja '62.

Use of intramuscular tetracycline injections and erythromycin tablets for treating complicated influenza in children [with summary in English] L. G. Afonina, B. M. Nemirovskaia Antibiotiki 6 no. 12,1107-1111 D '61.

ERYTHROPOIETIN

Erythropoietins of plasma and serum in internal diseases [with summary in English]. A. IA. IAroshevskii. Terap arkh. no. 12 3-7 '61.

ESCHERICHIA COLI

Comparison of the therapeutic effectiveness of monomycin, colimycin, mycerin and kanamycin in experimental infections caused by enteropathogenic intestinal bacilli [with summary in English]. S. P. Shapovalova. Antibiotiki 7 no. 2 158-161 F '62.

Development of drug resistance in colienteritis pathogens in in vitro experiments [with summary in English]. A. D. Kovalenko. Antibiotiki 6 no. 9,82-85 S '61.

Effect of chloramphenicol (levomycetin) on the activity of acetylphosphatase and phosphotransacetylase of E. coli [with summary in English]. A. I. Korotiaev. Antibiotiki 7 no. 2:150-153 F '62.

Experimental studies of the immunology of colienteritis [with summary in English]. N. I. Zatsepin, P. V. Zadvornisk. Zhur. mikrobiol., epid. i immun. 32 no. 9. 112-116 S '61.

Influence of autonomic ganglionic block on the course of postmicrobial leukocytosis [with summary in English]. N. I. Krugliaia. Zhur. mikrobiol., epid. i immun. 32 no. 9:84-87 S '61.

ESENIN, SERGEI ALEKSANDROVICH, 1895-1925

History of S. A. Esenin's "Persian motifs." Vest. Mosk. un. Ser. 7: Filol., zhur. 17 no. 1:60-74 Ja-F '62.

Vershbitskii, N. K. [Meetings with Esenin; reminiscences] Vstrechi s Eseninym; vospominaniia. Tbilisi, Izd-vo Soiuza pisatelei Gruzii "Zaria Vostoka," 1961. 126 p.

ESKIMOS

Eskimo elements in the Chukchi and the Koryak culture I S Vdovin Trudy Inst etn 64 27-63 '61

ESOPHAGUS

Correlation between phonation and respiration in esophageal speech Karel Vrtička Vest. otorin no 2 54-58 '62

ESOPHAGUS—ABNORMITIES AND DEFORMITIES

Doronin, F. N. [Cicatricial stenosis of the esophagus] Rubtsovye suzhenila pishchevoda. [Saratov] Izd-vo Saratovskogo univ., 1961. 196 p. (DNLM)

ESOPHAGUS—CANCER

Intrapleural bypass anastomoses in inoperable cancers of the esophagus and cardial portion of the stomach [with summary in English]. S I IUpatov Vest khir no. 2 13-19 '62

Pathoanatomical and clinical X-ray changes appearing in the lungs during radiotherapy of esophageal cancer [with summary in English]. E D. Savchenko, T A Tret'iakova. Vest rent i rad 36 no 6 19-25 N-D '61

Some aspects of esophageal cancer. M. A. Akhmedov. Zdrav. Kazakh 21 no. 5:11-16 '61

Some problems in diagnosing cancerous tumors of the esophagus V. O. Kalina, G V. Skurkovich Vest otorin no. 2 59-62 '62

ESOPHAGUS—DISEASES

Reflex effects on the motor and secretory function of the stomach in cicatricial esophagostenosis. B. I. Matskevich Zdrav Bel. 7 no. 8:38-40 Ag '61

"Surgical treatment of cancer and benign stenosis of the esophagus" by A. A. Poliantsev. Reviewed by N. V. Sokolov. Kaz. med. zhur. no. 4:115-116 Jl-Ag '61.

ESOPHAGUS—DIVERTICULA

Cardiospasm and diverticulum of the esophagus [with summary in English] O. D. Fedorova. Vest. khir. no 2 19-24 '62.

Surgery for diverticula of the esophagus. A. O. Likhtenshein, Kaz. med. zhur. no. 6 55-56 N-D '61.

ESOPHAGUS—EXPLORATION

Importance of esophagocardiography in evaluating hemodynamic changes in heart defects. R. B. Minkin. Terap. arkh. no. 7:28-34 '61

ESOPHAGUS—FOREIGN BODIES

Asymptomatic presence of a foreign body in the esophagus terminated by aortic perforation. E. P. TSybina. Vest. otorin. no. 4:97-98 '61.

Transthoracic extraction of esophageal foreign bodies. G. A. Podoliak Vest. otorin. no. 4:80-80 '61

ESOPHAGUS—INTUSSUSCEPTION

Invagination of the esophagus in hernia of the esophageal hiatus of the diaphragm. G. I. Vainshtein. Vest. rent. i rad. 36 no. 4:74-76 Jl-Ag '61.

ESOPHAGUS—SURGERY

Anterior approach to the upper part of the thoracic section of the esophagus [with summary in English]. A S Lur'e Vest. khir no. 2, 11-13 '62

Cicatrical stenosis of the esophagogastric anastomosis and its treatment. A. S. Lur'e. Khirurgiia no. 2 77-81 '62

Late results of surgical treatment of cicatricial stenosis of the stomach and esophagus observed by X rays [with summary in English]. I. M. Stel'mashonok, G. F. Mazuro. Vest. rent. i rad. 36 no. 4:50-52 Jl-Ag '61.

Prevention of cicatricial stenosis in anastomoses with the esophagus [with summary in English]. M. Z. Sigal Grud. khir 4 no. 1:84-88 Ja-F '62.

X-ray study of the function of the gastrointestinal tract after plastic repair of the esophagus using the large intestine [with summary in English]. S. G. IArtaev. Vest. rent. i rad. 36 no. 4:53-56 Jl-Ag '61.

ESOPHAGUS—TUMORS

"Surgical treatment of cancer and benign stenosis of the esophagus" by A. A. Poliantsev. Reviewed by N. V. Sokolov. Kaz. med. zhur. no. 4:115-116 Jl-Ag '61.

ESOPHAGUS—WOUNDS AND INJURIES

Characteristics of the development and course of the cicatricial process following a burn of the esophagus and the histochemistry of the cicatrices. A. I. Boris. Zdrav. Bel. 7 no. 12:19-23 D '61.

Two cases of hemorrhage from the aorta in complicated trauma of the esophagus. V. F. Teteneva. Grud. khir. no. 5:110 '61.

X-ray diagnosis of complications resulting from esophageal perforation M. K Shcherbatenko. Vest. rent i rad. 36 no 6:54-56 N-D '61.

ESPIONAGE

Weapon of vigilance. A. Mokrov, V. Kuz'michev. Starsh.-serzh. no. 9:28 S '61.

"West Berlin" by P. A. Shteiniger [translated from the German]. Reviewed by A. Korkeshkin. Starsh.-serzh. no. 10:33 O '61.

ESPIONAGE, AMERICAN see subdivision under Lithuania

ESSEN, GERMANY—EXHIBITIONS

Welding and cutting exhibition in Essen (Federal German Republic) N V. Podola. Avtom svar. 15 no 3 87-94 Mr '62.

ESSENCES AND ESSENTIAL OILS

Study of the substances entering into the composition of essential oils. Part 2. Condensation of sabinene with diazoacetic ester. M. I. Gorlaev, G. A. Tolstikov. Zhur. ob. khim 32 no. 1 310-312 Ja '62.

ESTERS

Composition of esters obtained in the synthesis from CO and H_2 on an iron-copper catalyst. M F Ulanova and others. Neftekhimiia 1 no. 5:053-060 S-O '61.

Di-β,β^1-chloroethyl ester of vinylphosphinic acid as a starting material in the production of hardening phosphorus-containing polyesters. E. L. Gefter, A. IUldashev. Plast. massy no. 2:49-51 '62.

Heterocyclic compounds. Synthesis of benzoic, p-methoxyphenoxyacetic, and β-phenylmercaptopropionic esters of a γ-isomer of 1-(β-phenylethyl)-2, 5-dimethyl-4-ethynil-4-piperidol A. Sh. Sharifkanov, T. G. Sarbaev. Zhur. ob. khim. 32 no 2:419-422 F '62.

Heterocyclic compounds. Synthesis of phenoxyacetic, p-methoxyphenoxyacetic, and β-phenylmercaptopropionic esters of a γ-isomer of 1-(β-phenylallyl)-2, 5-dimethyl-4-ethynil-4-piperidol. A Sh. Sharifkanov, T. G. Sarbaev. Zhur. ob. khim. 32 no. 2:417-419 F '62.

Interaction of iso-C_3H_7Cl and tert-C_4H_9Cl with aromatic acid esters in the presence of magnesium and lithium. A. D. Petrov, E. P. Kaplan, M Kurash. Zhur. ob. khim. 32 no. 1 19-24 Ja '62.

Synthesis and properties of dialkylepoxyhexahydrophthalates. L. A. Mukhamedova and others Neftekhimiia 1 no. 1 88-92 Ja-F '61

Synthesis of allyl and propargyl full esters of 1-alkylthio-2-hydroxydichlorophosphine-3-chloro-1, 3-butadienes. I. I. Guseinov, G. S. Vasil'ev, M. F. Shostakovskii. Zhur. ob. khim. 32 no. 2:378-379 F '62.

Synthesis of esters by the action of the carbalkoxyl groups of olefins in the presence of carbon monoxide. IA. T. Eidus, K. V. Puritskii Neftekhimiia 1 no 1 82-87 Ja-F '61.

Synthesis of ketone esters and ketones by the reaction of chloroarylbutenes with sodium acetoacetic ester [with summary in English]. M. I. Hanushchak, M M. IUkhomenko, A. V. Dombrovs'kyi. Dop. AN URSR no. 2:211-215 '62.

Synthesis of saturated full esters of 1-alkylthio-2-hydroxydichlorophosphine-3-chloro-1, 3-butadienes. M. F. Shostakovskii, I. I. Guseinov, G. S. Vasil'ev. Zhur. ob. khim. 32 no. 2:375-377 F '62.

Synthesis of some organomercuric salts of the type $XC_6H_4CH(HgBr)CO_2C_2H_5$ Part 2. I. P. Beletskaia, O. A. Reutov, G. A. Artamkina. Zhur. ob. khim. 32 no. 1:241-244 Ja '62.

ESTONIA—AGRICULTURAL POLICY

Kahk, J. [Riots and reforms; the peasants' class struggle and the landowners' agrarian policy in Estonia, 1790-1840] Rahutused ja reformid; talupoegade klassivoitlus ja moisnike agraarpoliitika Eestis XVIII ja XIX sajandi vahetusel, 1790-1840. Tallinn, Eesti Riiklik Kirjastus, 1961 619 p. [In Estonian]

ESTONIA—BUILDING—ESTIMATES

Estonian S. S. R. Riiklik Ehituse ja Arhitektuuri Komitee. [Catalog of standard estimates for building operations for the construction in the Estonian S.S.R.] Ehitustoode uksushinnate kataloog Eesti NSV ehitustele. Katalog edinichnykh rastsenok na stroitel'nye raboty dlia stroitel'stva v Estonskoi SSR. Izd. 2. Tallinn, Eesti Riiklik Kirjastus. Vol. 1. 1960. 764 p.

ESTONIA—BUILDING MATERIALS

Time polishes the innovation. I. Khint. Izobr. i rats. no. 3:12-13 Mr '62.

ESTONIA—COLLECTIVE FARMS

Basic problems in the arrangement of collective farm villages and production centers in the Estonian S. S. R A. P. Astashkin. Trudy MIIZ no. 8:67-79 '59.

Schneider, H. [State control of collective farms through the district soviets of workers' deputies] Kolhoosido riiklik juhtimine rajooni toorahva saadikute noukogu poolt. Tallinn, Eesti Riiklik Kirjastus, 1959. 200 p.

ESTONIA—DESCRIPTION AND TRAVEL

Markson, Ago. [Estonian S. S. R.] Eesti NSV. Tallina, Eesti Riiklik Kirjastus, 1961. 96 p. [In Estonian]

ESTONIA—ETHNOLOGICAL MUSEUMS AND COLLECTIONS

Tartu. Etnograafia Muuseum. [The 50th anniversary of the Ethnographical Museum; a guide to the exhibition] 50 aastat Etnograafia Muuseumi; naituse juht. Tartu, 1961. 56 p. [In Estonian]

ESTONIA—FERTILIZERS AND MANURES

Mixing Estonian ground phosphorite with superphosphate. M. A. Veiderma. Khim. prom. no. 10:47-50 O '61.

ESTONIA—FINNO-UGRIAN STUDIES—BIBLIOGRAPHY
Eesti NSV Teaduste Akadeemia. [Finno-Ugrian studies in the Estonian S. S. R. | Finnougrovedenie v Estonskoi SSR, 1945-1960, kratkaia bibliografiia. Tallin, 1961. 14 p.

ESTONIA—HAWKWEED
Eesti NSV Teaduste Akadeemia. Zooloogia ja Botaanika Instituut. [Flora of the Estonian S. S. R. | Fesli NSV floora. Tallinn, Eesti Riiklik Kirjastus. [With summaries in Russian and German]
Vol. 7. Uksip, A., comp. 1961. 479 p.

ESTONIA—HISTORY
Eesti NSV Teaduste Akadeemia. Ajaloo Instituut. [From recent history] Kaasaja ajaloost, lühiartiklite kogumik. Toimetanud J. Kahk ja P. Laatn. Tallinn, Eesti Riiklik Kirjastus, 1961. 169 p. [In Estonian with summary in Russian]

ESTONIA—INDUSTRIES
Veimer, Arnold. [Comprehensive development and specialization of industries in the Estonian Economic Administrative Region] Kompleksnoe razvitie i spetsializatsiia promyshlennosti Estonskogo ekonomicheskogo administrativnogo raiona. Tallinn, Estonskoe ges. izd-vo, 1961. 347 p.
[MICROFILM]

ESTONIA—MUSEUMS
Rosenberg, I., comp. [Museums of the Estonian S. S. R.] Eesti NSV muuseumid. Tallinn, Eesti Riiklik Kirjastus, 1961. 447 p. [In Estonian]

ESTONIA—PEASANT UPRISINGS
Kahk, J. [Riots and reforms; the peasants' class struggle and the landowners' agrarian policy in Estonia, 1700-1840] Rahutused ja reformid, talupoegade klassivoitlus ja mõisnike agraarpoliitika Eestis XVIII ja XIX sajandil vahetusel, 1700-1840. Tallinn, Eesti Riiklik Kirjastus, 1961. 619 p. [In Estonian]

ESTONIA—PHOSPHORITES
Mixing Estonian ground phosphorite with superphosphate. M. A. Veiderma. Khim. prom. no. 10:47-50 O '61

ESTONIA—SHALE
New high capacity boiler unit for burning Estonian shale. V. S. Patychenko, V. I. Roznik, V. P. Zhelezniak. Energomashinostroenie 8 no. 2 1-4 F '62.

ESTONIA—SLATE
Experiment in using the chamber mining method in the mines of Estonslanets Trust. V. A. Viilup, A. P. Semenov. Ugol' 37 no. 1:13-18 Ja '62.

ESTONIA—SOVIETS
Propagation of the experience of progressive soviets. Sov. deput. trud. no. 2:105 F '62.

ESTONIA—WINTER SPORTS
They break the spell of bad weather. N. Khrabrova. Ogonek 40 no. 7:25 F '62.

ESTONIAN BOOKPLATES see Bookplates, Estonian

ESTROGENS
Study of the estrogens in the daily urine of cattle. A. P. Gul', O. N. Savchenko, G. S. Stepanov. Fiziol. zhur. 48 no 1:91-94 Ja '62.

ESTRONE
Variants of the total synthesis of estrone based on 1-vinyl-6-methoxy-1-tetralol and methyldihydroresorcinol. S. N. Ananchenko, Tao Dzhen E, I. V. Torgov. Izv. AN SSSR. Otd. khim. nauk no. 2:298-302 F '62.

ESTUARIES
Interaction of oceans and rivers. M. I. Zotin. Okeanologiia 2 no. 1:76-83 '62.

ETHANE
1, 2-diferrocenyl-1, 2-diphenylethane and 1, 1-diferrocenyl-1, 2-diphenylethane. A. N. Nesmeianov, I. I. Kritskaia. Izv. AN SSSR. Otd. khim. nauk no. 2, 352-351 F '62.
Recovery of dichloroethane vapors in a foam layer. V. Shventsov, V. Nesmelov, N. Lebedeva. Mias. ind. SSSR 32 no. 6:54-56 '61.

ETHANOL
Determination of ethylene chlorohydrin in the analysis of air. E. Sh. Gronsberg. Khim. prom. no. 2:144-145 F '62.

ETHER
Biphenyl ethers. Part 2: Synthesis of 2-oxy-2', 3-dimethoxy-4', 5-diformyl biphenyl ether. IU. S. TSizin, N. A. Preobrazhenskii. Zhur. ob. khim. 32 no. 1:132-135 Ja '62.
Reactions of phosphorus acid chlorides with glycerol epichlorohydrin and glycidol ethers. A. N. Pudovik, E. M. Faizullin. Zhur. ob. khim. 32 no. 1:231-237 Ja '62.

ETHERS
Chemical activity sterically unhindered. Part 1: Reaction of halomagnesium aryls with chloro-substituted ethers. I. I. Lapkin, R. G. Makhina. Zhur. ob. khim. 31 no. 12:4001-4006 D '61.

Glycol ethers and their derivatives. Part 39: Synthesis of γ-chloroethers of the aromatic series. Shamkhal Mamedov, D. N. Khydyrov. Zhur. ob. khim. 31 no. 12: 3905-3909 D '61.
Perchloric acid and its compounds as catalysts in organic synthesis. Part 3. Acetylation of certain aromatic hydrocarbons and ethers of monohydric and polyhydric phenols. G. N. Dorofeenko, L. V. Polishchuk. Zhur. ob. khim. 32 no. 2 364-367 F '62.
Polyene compounds. Part 15. Reaction of 2-phenyl-1, 3-dioxolane with vinyl ethyl ether. B. M. Mikhailov, L. S. Povarov. Zhur. ob. khim. 32 no. 2:445-452 F '62.
Simple glycol ethers and their derivatives. Part 41: Synthesis of alkoxy derivatives of methyl ethers of dihydric phenols. Shamkhal Mamedov, A. R. Mamedova. Zhur. ob. khim. 32 no. 2:407-410 F '62.
Synthesis of β-diethylaminoethylalkyl ethers of methylene glycol. Shamkhal Mamedov, A. K. Arabov. Dokl. AN Azerb. SSR 17 no. 12:1139-1142 '61.

ETHERS—SPECTRA
Vibrational spectra of vinyl alkyl ethers; theoretical analysis. E. M. Popov, G. I. Kagan. Opt. i spektr. 12 no. 2:194-199 F '62.
Vibrational spectra of vinyl ethers. Rotational isomerism. E. M. Popov, N. S. Andreev, G. I. Kagan. Opt. i spektr. 12 no. 1:37-41 Ja '62.

ETHERS—THERMAL PROPERTIES
Investigating the thermal molecular properties of some new ether preparations [in Azerbaijani with summary in English]. A. K. Abaszade and others. Dokl. AN Azerb. SSR 17 no. 11 1017-1022 '61.

ETHICS
History of the ethical theories of the Renaissance. N. V. Reviakina. Vest. Mosk. un. Ser. 9 Ist. 17 no 2:55-72 Mr-Ap '62.
Right to respect. V. Nemtsov. Ogonek 40 no. 7:14-15 F '62.
Shvartsman, K. A. [Critical evaluation of present-day bourgeois philosophical theories of ethics] Kritika sovremennykh burzhuaznykh filosofsko-eticheskikh sistem. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 50 p.

ETHIOPIA—DESCRIPTION AND TRAVEL
Biber, Otto. [Mysterious Kaffa; in a land of reigning gods] Tainstvennaia Kaffa; v strane tsarei-bogov. Moskva, Izd-vo Vostochnoi lit-ry, 1961. 146 p. (NJP)

ETHIOPIA—TREES
Brief anatomical description and the key for the identification of some most important commercial tree species of Ethiopia [with summary in English]. L. A. Lebedenko. Bot. zhur. 47 no. 1:79-91 Ja '62.

ETHNOLOGICAL MUSEUMS AND COLLECTIONS see subdivision under Estonia

ETHNOLOGY
(see also subdivision under Asia, Central; Baltic Sea region; Bulunskiy District; Buryat-Mongolia; Cuba; Daghestan; Greece; Kura Valley, Latvia; Siberia; Siberia, Western)
The angle of forehead transverse winding and its meaning in racial diagnostics. I. I. Gokhman. Vop. antr. no. 8 89-98 '61.

ETHNOLOGY—CONGRESSES
Preparing for the Seventh International Congress on Anthropology and Ethnography. V. V. Ginzburg, M. G. Levin, V. P. Iakimov. Arkh. anat. gist. i embr. 42 no. 2:127-128 F '62.

ETHYL ALCOHOL
Studying the kinetics of ethyl alcohol evaporation from a free surface into a closed gas filled space in connection with the gas passage. V. M. Chesunov, S. S. Vasil'ev. Nauch. trudy MTILP no. 18 156-166 '60.

ETHYLAMINE
Effect of cystamine on endogenous tissue respiration. S. P. IArmonenko. Radiobiologiia 1 no. 6:903-904 '61.
Effect of small doses of ionizing radiation and cystamine on the mitotic activity of the corneal epithelium and duodenal crypts. L. B. Berlin. Dokl. AN SSSR 142 no. 1. 218-220 Mr '62.

ETHYLENE
Economic effectiveness in the use of poly (vinyl chloride) in the cable industry. IU. T. Livshits, N. P. Fedorenko. Plast. massy no. 2:56-58 '62.
Equipment for manufacturing ethylene and acetylene by the process of hydrocarbon homogenous pyrolysis. V. I. Maiorov, T. N. Mukhina. Gaz. prom. 6 no. 12:42-46 '61.
Estimating the strength of plasticized polyvynil chloride reinforced with cotton and capron fibers [with summary in English]. E. S. Umans'kyi. Dop. AN URSR no. 2:187-191 '62.
Floors made of polyvinyl chloride tiles. G. Etin. Zhil. stroi. no. 12:21 '61.
High-speed photochemical hydrobromination of ethylene and propylene at low temperatures. G. N. Kovalev and others. Dokl. AN SSSR 142 no. 2:396-398 Ja '62.

Mechanical and chemical modification of polyvinyl chloride. N. K. Baramboim, G. K. Pytov. Nauch. trudy MTILP no. 18 46-51 '60.
Problems of industrial hygiene in the production of vinyl chloride from acetylene [with summary in English] V. S. Filatova, E. Sh. Gronsberg, M. S. Babochkina. Gig. truda i prof. zab. no. 2 10-15 '62.
Production of high purity ethylene. M. A. Dalin and others. Khim. prom. no. 2, 77-79 F '62.
Synthesis of some 1, 2-substituted ethylene with an α-naphthyl group. L. IA. Malkes, L. V. Shubina. Zhur. ob. khim. 32 no. 1 287-290 Ja '62.
Use of polyethylene in surgery on the stapes. V. F. Nikitina. Vest. otorin. no. 2 65-72 '62.

ETHYLENE—CONGRESSES
Conference on the production of ethylene and propylene. A. L. Rabkina, V. I. Kuz'min, G. N. Sel'ianova. Neftekhimiia 1 no. 5:721-723 S-O '61.

ETHYLENE—SPECTRA
Optical study of certain 1, 2-diaryl-substituted ethylenes in polystyrene. L. L. Nagornaia, L. IA. Malkes, L. V. Shubina. Opt. i spektr. 12 no. 1:117-120 Ja '62.

ETHYLENE OXIDE
Separate determination of small amounts of ethylene oxide, formaldehyde, and acetaldehyde in mixed aqueous solutions. S. M. Samoilov, V. N. Andievskii, I. L. Kotliarevskii. Izv. AN SSSR Otd. khim. nauk no. 2 201-208 F '62.
Some problems in ethylene oxidation. S. S. Bobkov, R. SH. Kazarnovskaia. Neftekhimiia 1 no. 5:661-668 S-O '61.

ETHYLENEDIAMINE
Dimer complexes in paramagnetic nickel compounds. Structure of $Nien_2Cl_2$ and $Nien_2Br_2$ crystals. A. S. Antaysbkina, M. A. Porai-Koshits. Dokl. AN SSSR 143 no. 1 105-108 Mr '62.

ETHYLENEDINE
Reactions of tin and titanium tetrahalides with diamines. Part 1. Ethylenediamine. T. N. Sumarokova, D. S. Sokenova. Zhur. ob. khim. 32 no. 1 3-9 Ja '62.

ETHYLENIMINE
Comparative study of the variability in antibiotic synthesis of various strains of Act. streptomycini under the influence of ultraviolet rays and ethyleneimine [with summary in English] S. I. Alikhanian, E. S. Morozova, S. I. Veselova. Antibiotiki 6 no. 12:1055-1058 D '61.

ETHYLSULFURIC ACID
Isotopic method used in studying the hydrolysis of salts of methylsulfuric and ethylsulfuric acids. I. P. Gregerov, A. M. Tarasenko. Zhur. ob. khim. 31 no. 12: 3878-3880 D '61.

EUDIOMETER
Manufacturing devices for checking the state of ventilation in shafts and mines. G. IU. Vlasov, S. P. Alekhichev, L. S. Voronkova. Bezop. truda v prom. 6 no. 2: 11-12 F '62.

EUROPE—CHURCH PROPERTY
"Church property in Europe, 701-1200" [in English] by David Herlihy. Reviewed by A. A. Svanidze. Vop. ist. no. 2:199-200 F '62.

EUROPE—COMMERCIAL POLICY
"The European Economic Community and the third countries" [in German] by Paul Erdman, Peter Rogge. Reviewed by K. Popov. Mir. ekon. i mezhdunar. otn. no. 3:148-151 Mr '62.

EUROPE, EASTERN—AGRICULTURE—CONGRESSES
Fourth Interrepublican Symposium on Problems of the Agraria
H. Stro

E

EUROPE, WESTERN—ECONOMIC ASSISTANCE, AMERICAN

"Expansion of the U S A in Europe under the veil of assistance, 1919-1923" D M Shusherskii Reviewed by O A Makarenko Ukr ist zhur 6 no 1 130-133 Ja-F '62

EUROPE, WESTERN—EDUCATION, HIGHER

Training of scientific and technical personnel in Western Europe Mir nauki 5 no 4 21-24 '61

EUROPE, WESTERN—ELECTRIC POWER

Consumption of electric power in Europe and the United States in 1960 G V, Serbinovskii Prom energ 17 no 3,53-55 Mr '62

EUROPE, WESTERN—FOREIGN ECONOMIC RELATIONS—IRAN

A trip of the Iranian prime minister through Western Europe, A,Zakharov, Mezhdunar,zhizn' 9 no 4 121-122 Ap '62,

EUROPEAN COMMON MARKET

The 'common market", facts and myths, Mezhdunar zhizn' 9 no 4 128-133 Ap '62

Greece in the noose of the Common Market Nov, vrem 20 no 12 15 Mr '62

They try to lay the fault at our door, I Mikhailov, Mezhdunar,zhizn' 9 no,3 108-109 Mr '62

The U.S A, and the "integration" in Europe IU Buzykin Mezhdunar,zhizn' 9 no 3 86-91 Mr '62,

EUROPEAN ECONOMIC COMMUNITY

"The European Economic Community and the third countries" [in German] by Paul Erdman, Peter Rogge Reviewed by K, Popov Mir ekon i mezhdunar otn, no, 3;148-151 Mr '62

EUROPEAN WAR, 1914-1918—CAUSES

Bovykin, V.I. [History of the origin of the First World War, Franco-Russian relations in 1912-1914] Iz istorii vozniknoveniia pervoi mirovoi voiny, otnoshenila Rossii i Frantsii v 1912-1914 gg [Moskva] Izd-vo Mosk univ., 1961. 206 p.

EUROPEAN WAR, 1914-1918—CONSCRIPT LABOR

A new document on the rear area workers A, Savitskii, Obshchestv, nauki v Uz no, 2,65-66 '61

EUROPEAN WAR, 1914-1918—DIPLOMATIC HISTORY

English bourgeois leaders and Austria-Hungary during the First World War. K B, Vinogradov Vop ist no 2;191-192 F '62

EUROPEAN WAR, 1914-1918—PERSONAL NARRATIVES

Spiridovich, A. I. [The great war and the February Revolution, 1914-1917] Velikaia Voina i Fevral'skaia Revolutsiia, 1914-1917 g. g. New York, Vseslavianskoe izd-vo, 1962, 315 p.

EUROPIUM—DECAY

Decay scheme of Eu^{149} Van Fu-tsiun' [Wang Fu-chün] and others, Izv AN SSSR Ser fiz 26 no 1 114-119 Ja '62

EUROPIUM—SPECTRA

Study of the γ-ray spectrum of Eu^{148}, A, Bakhmat and others Izv, AN SSSR Ser, fiz, 26 no, 2;217-220 F '62

EVAPORATION

(see also subdivision under Black Sea)

Studying the kinetics of ethyl alcohol evaporation from a free surface into a closed gas filled space in connection with the gas passage, V, M Chesunov, S S Vasil'ev, Nauch, trudy MTILP no, 18 156-166 '60

EVENING AND CONTINUATION SCHOOLS

Automation demands, E, Lysenko, Prof, -tekh, obr, 19 no, 2;29-30 F '62,

N, K, Krupskaia on special aspects of setting up the study plan in evening and continuation schools, P, V, Gornostaev, Dokl, APN 5 no, 5 65-68 '61,

Second and additional occupations, N, Lapshina, Prof, -tekh obr, 19 no 2;30 F '62

Ways to expand vocational and technical knowledge of students in the schools for working youth, P, A, Stepanov, Sov, pedag, 26 no, 1;57-63 Ja '62,

EVERGREENS

(see also subdivision under Volga Valley)

State of green plastids in the leaves of some evergreens under conditions of the Leningrad winter, V, G, Alexandrov, D, A, Tabenskii, Trudy Bot, inst, Ser, 7 no, 5;123-129 '62,

EVOLUTION

"The antecedents of man" [in English] by W, E, Le Gros Clark, Reviewed by T, D, Gladkova, Vop, antr, no 7; 155-158 '61,

Basic line of evolution of the higher primates in the Neocene, M, A Gremiatskii, Vop, antr, no 7;3-8 '61,

"Development of the psyche in the process of the evolution of living beings" by N, N, Ladygina-Kots, Reviewed by S, N, Arkhangel'skii, Vop, antr, no, 5;161-162 '60,

"The evolution of man's capacity for culture" [in English], Reviewed by V, P, Alekseev, Vop, antr, no, 7;150-154 '61,

Evolution of the specifically human areas of the brain cortex in Hominidae V, I, Kochetkova, Vop antr no, 7;11-22 '61,

"The foundation of human evolution" [in English] by W E Le Gros Clark Reviewed by T D Gladkova Vop antr no 8 168-169 '61

Letters to the editor, V, M, Kaganov, Bot, zhur, 46 no 11 1726-1727 N '61

EVOLUTION—STUDY AND TEACHING

Methodological instructions for the topic "Development of the animal world on earth" V F, Shalaev Biol v shkole no 2 17-23 Mr-Ap '62,

EWES—FEEDING AND FEEDS

Milk productivity in fine-wool ewes given mineral supplements to their diet T, Apsemetov, Vest sel'khoz nauki [Kazakh,] 4 no 11,46-46 N '61

EXAMPLE

Analogy and models, A, I, Uemov, Vop filos 16 no 3, 136-145 '62,

The role of models in sociological studies [with summary in English, p 186], P, P, Maslov Vop, filos 16 no, 3 62-78 '62,

EXCAVATING MACHINERY

(see also subdivision under Bratsk, Bulgaria, Floreshty region; Kazakhstan)

Choice of a drive for an underground excavator, V K Kozlo, S, S, Muzgin, Izv AN kazakh SSR Ser, gor dela no, 1;54-63 '61,

Dynamics of the crowding loader in connection with the penetration of the shovel bucket into the pile F P Kotenko, Trudy KHIIT no, 41 48-56 '61

Effect of the production of oversized rock in breaking limestones by means of boreholes on the productivity of an excavator and the effective weight of a dump car L I Baron, N, F Andrianov Vzryv delo no 47/4 216-222 '61

Electric meter for determining the efficiency of the ESh-4/40 excavator M I Burnosov Gor zhur no 11 74-75 N '61

Establishing the relationship between the efficiency of dump excavators and the transportation capacity of dead-end dumping roads, B Kh IUsupbekov, Vest AN Kazakh, SSR 18 no, 1;81-87 Ja '62,

Increasing the productivity of an excavator in short-delay blasting, D, M Kushnarev, V V, Bartnovskii Vzryv, delo no, 47/4 93-99 '61,

Performance of the excavating pump systems of land improvement enterprises, G, V Pastsov Vop zemledel' mekh, 5;179-218 '60,

Relation between the quality of rock scarifying and the efficiency of excavators, N A Larionov Gor, zhur, no 12 53-54 D '61,

EXCAVATIONS (ARCHAEOLOGY) see subdivision under Kuma Valley; Kharkov Province; Sukhumi region

EXCHANGE OF ATOMIC WEAPONS INFORMATION see Atomic weapons information

EXCITONS

Exciton luminescence of mixed crystals of naphthalene-H_8 - naphthalene-D_8, E F, Sheka Opt, i spektr 12 no, 1;137-140 Ja '62,

Exciton spectrum of hexagonal ZnSe monocrystals E, F, Gross, L, G Suslina, P A, Kon'kov, Fiz, tver, tela 4 no, 2 396-400 F '62,

Fine structure of exciton absorption lines in cadmium sulfide single crystals, E, G, Gross, B, S, Razbirin Fiz, tver, tela 4 no, 1,207-212 Ja '62,

Interpretation of the absorption K-spectra of sulfur in molecules and crystals by the Stark effect in an exciton R, L, Barinskii, B, A, Maliukov, Izv AN SSSR, Ser fiz, 26 no, 3;412-418 Mr '62

New exciton series of lines in the blue and dark-blue spectral regions in copper oxide crystals E, F, Gross, Chzhan Guan-in' [Chang Kuang-yin], Fiz tver tela 4 no, 1;261-264 Ja '62,

Reversible optical and hydrodynamic phenomena in a nonideal exciton gas, S, A, Moskalenko, Fiz, tver, tela 4 no, 1;276-284 Ja '62,

EXECUTIONS (LAW)

How to improve the execution of court decisions, L, Kulshin, Rad, pravo no, 1;144 Ja-F '62

EXERCISE

"Biomechanics of physical exercises" by D, D, Donskii, Reviewed by M, F, Ivanitskii, V, S, Gurfinkel', and M, A, Dzhafarov, Teor, i prak fiz, kul't, 24 no, 11; 860-862 '61,

Change in the cholesterin level in the blood of middle-aged and elderly persons following physical exercise, P, M, Babarin, L, S, Romanova, D, A, Chibichkina, Teor, i prak, fiz, kul't, 24 no, 10;763-766 '61,

Change in the radioactive iodine absorption curve in athletes as an effect of physical exercise, I, S, Khorol, Teor, i prak, fiz, kul't 24 no, 10;766-768 '61,

Creative discussion on the problem "Dynamics of restorative processes," V, L, Fedorov, Teor, i prak fiz, kul't, 24 no, 8;637-638 '61,

Determining the intensity of a lesson of physical exercises by means of a chronograph A, N Khun Teor i prak fiz kul't 24 no 12,948-952 '61

Physical culture in the daily schedule of groups of communist labor K, A Maloletko Teor i prak fiz kul't, 24 no 8 596-599 '61,

Physiology and biochemistry of physical exercise and related subjects at the Fifth All-State Congress of Czechoslovakian Physiologists N N IAkovlev Teor i prak, fiz, kul't 24 no, 10;778-779 '61

Vegetative changes occurring during the anaprimary excretion of physical exercises Z M, Ataev, Teor, i prak, fiz kul't, 24 no 8,593-595 '61

EXERCISE THERAPY

All-Union Medical Society on Medical Control and Curative Physical Culture, A, A Askerov, Teor i prak, fiz, kul't, 24 no 10,798-799 '61

Current status and problems of medical exercise therapy in the U, S S, R A G Safonov Sov, med 25 no 1; 15-21 D '61

Dynamics of the external respiration indices in bronchial asthma following acupuncture and physical exercise, B K, Kasymov Med zhur Uzb no, 3,39-41 Mr '60

Electrocardiographic examinations of patients with myocardial infarction under the influences of exercise therapy M, A, Voskanov, I, M Grishina Terap arkh no 9;113-114 '61

Saukkov-Serazini, I.M., and D.F. Doshin. [Medical control and exercise therapy] Vrachebnyi kontrol' i lechebnaia fizkul'tura. Moskva, Izd-vo "Fizkul'tura i sport," 1961. 287 p. (DNLM)

Some problems in exercise therapy in rheumatism in children M B, Kogan, I, L Muginova Pediatriia 41 no 3 45-48 '62

EXHIBITIONS see subdivision under Brno, Essen, Germany, Leipzig; Moscow; New York, City,; Paris; United States

EXILES see subdivision under Tunka

EXOSTOSIS

Observation of exostosis multiplex cartilaginea IA, G Valigura, Nov khir arkh, no,1-115-117 Ja-F '60

EXPERIMENTAL MEDICINE see Medicine, Experimental

EXPLOSIONS

Spallation phenomena in iron and steel brought about by the interaction of rarefaction shock waves A G Ivanov, S, A, Novikov, IU, I Tarasov, Fiz, tver, tela 4 no 1 249-260 Ja '62,

Study of luminescence arising in electric explosions of thin wires, M P, Vanukov, V I, Isaenko, Zhur, tekh fiz, 32 no 2 197-201 F '62,

EXPLOSIVES

Certain characteristics of detonation excitation in small density charges, A, I, Gol'binder, L M Svetlova, Dokl AN SSSR 142 no, 2;389-391 Ja '62,

Comparative data on the physicochemical properties of some liquid explosives G S, Sosnova and others Izv AN SSSR Otd, khim nauk no, 2 351-352 F '62,

Practice of using simple explosives in working ore deposits E G, Barsanov, V N, Mosinets, Vzryv delo no 47/1 112-117 '61,

EXTRACTION (CHEMISTRY)

Extraction method of determining admixtures of zinc and nickel in type alloys, N, A, Kiseleva, Sbor nauch, rab VNIIPP no, 11;155-163 '60,

Separation of large quantities of Fe^{III} from some metals in microgram concentrations, I, T, Klimov Gidrokhim mat, 34;128-130 '61,

EXTRACTION (CHEMISTRY)—CONGRESSES

Extraction in analytical chemistry, S, S, Rodin, Vest, AN SSSR 32 no, 3;97-98 Mr '62,

EXTRACTION APPARATUS

Hydrodynamic characteristics of a centrifugal extractor, A, I, Solodov, D, E, Shkolnopad, Khim, mash, no, 6;17-21 N-D '61,

EXTRACTS

Study of some details in the process of extraction from Viburnum bark [with summary in English], N, M, Brezhneva, Apt, delo 10 no, 6;24-27 N-D '61,

EXTREMITIES (ANATOMY)—FRACTURES

Analysis of the condition of the cardiovascular system in elderly patients with fractures of the upper and lower extremities, E, M, Fedorova, Ortop, , travm, i protez, no, 12;49 '61,

"Intraosseous fixation with a metallic pin in fractures of the long bones" by IA, G, Dubrov, Reviewed by D, K, IAzykov, Ortop, , travm, i protez, no, 12 87-88 '61,

EXTREMITIES (ANATOMY)—SURGERY

Intraosseous anesthesia in operations on the extremities, A, Abdugafurov, Med, zhur, Uzb, no, 9;50-53 S '61,

EXTREMITIES (ANATOMY)—TRANSPLANTATION

Characteristics of the blood circulation in autotransplanted extremities in dogs, E, V, Gurova, A, M, Mamish, N, F, Shin Fiziol, zhur, 48 no, 2;201-206 F '62,

EXTREMITIES, LOWER—DISEASES
Principles of surgical therapy in varicose veins of the lower extremities [with summary in English] G. S. Toprover. Vest. khir. no. 12, 19-56 '61

EXTREMITIES, LOWER—SURGERY
Errors, hazards, and complications in restorative operations on the blood vessels of the lower extremities. A. N. Filatov, K. Yu. Litmanovich. Vest. khir. no. 12, 87-92 '61.

EXUDATION (BOTANY)
Mass spectrometric identification of C_5H_8 (isoprene) type compounds in volatile secretions of plant leaves. G. A. Sanadze, G. M. Dolidze. Soob. AN Gruz SSR 27 no. 6 747-750 D '61.

EYE
Changes in the organ of vision in hypertension. L. V. Rokitskaia. Terap. arkh. no. 9:25-30 '61.

EYE—ACCOMODATION AND REFRACTION
Anomalies of refraction. M. A. Krichko. Zdrav. Bel. 7 no. 12:42-43 D '61.

EYE—CARE AND HYGIENE
Orlova, N. S. [All about the eyes for little children] Rebiatishkam pro glaza. 2. izd. Moskva, Medgiz, 1961. 30 p. (Bibliotechka shkol'nika)

EYE—DISEASES AND DEFECTS
Case of angioneurotic edema of the eye (Quincke). V. A. Pazjuk. Kaz. med. zhur. no. 6:67-68 N-D '61.
Case of curing hemophthalmia. E. E. Babishenko. Zdravookhranenie 4 no. 6:50-51 N-D '61.
Fifteen years' experience in tissue therapy in ophthalmological practice. I. A. Gusev. Med. zhur. Uzb. no. 9: 59-60 S '61.

EYE—INFLAMMATION
Prevention and treatment of sympathetic opthalmia. A. N. Medvedev. Med. zhur. Uzb. no. 9:36-38 S '61.

EYE—MUSCLES
Characteristics of the motor neurons of the nucleus of the trochlear nerve innervating the phasic fibers of the musculus obliquus oculi superior. D. P. Matiushkin. Fiziol. zhur. 48 no. 2:103-104 F '62.

EYE—MUSCLES—SURGERY
Surgical treatment of strabismus by shortening the appropriate muscle with a fold. M. F. Leont'eva. Zdrav. Kazakh. 21 no. 6:24-29 '61.

EYE—PARASITES
Orally larvae in the mucous membranes of the eye and nose. G. M. Gukasian. Vest. otorin. no. 2 101-102 '62.

EYE—WOUNDS AND INJURIES
Clinical aspects and treatment of penetrating eye injuries in children. L. I. Mikrukova. Zdravookhranenie 4 no. 6:19-22 N-D '61.

EYEGLASSES
TSentral'naia stantsiia lunykh tekhnikov, Moscow. [Eyeglasses and hearing aid combination] Prioniik - ochki. [Moskva] Izd-vo "Detskii mir," 1962. 1 fold. 1. (Prilozhenie k zhurnalu "Iunyi tekhnik," no. 1(115))

EYELIDS—ABNORMITIES AND DEFORMITIES
Congenital familial ptosis of the upper eyelid. B. T. Bakoienkov. Zdrav. Bel. 7 no. 6:63 Je '61.

EYELIDS—DISEASES
Treatment of blepharitis with a terramycin ointment. E. N. Indeikin. Voen.-med. zhur. no. 6:79 Ag '61.
Treatment of blepharitis with ultraviolet rays. M. V. Ratnev. Voen.-med. zhur. no. 8:80 Ag '61.

EYES, ARTIFICIAL see subdivision under Moscow

FABRICS, SYNTHETIC see Synthetic fabrics

FACADES
Factory finishing of panels made of cellular concretes. M. Peshkov and others. Zhil. stroi. no. 12, 11-13 '61.

FACIAL NEURALGIA see Neuralgia, Facial

FACTORIES—AIR CONDITIONING
Lovin, S. R. [New methods of the design and calculation of air inflow ducts for the ventilation systems of textile and light industry enterprises] Novye metody rascheta pritochnykh ventilitatsionnykh kanalov na predpriiatiiakh tekstil'noi i legkoi promyshlennosti. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1961. 71 p.

FACTORIES—DESIGN AND CONSTRUCTION
Conference on technological aesthetics and improving working conditions during the period of the building of communism. P. Petrochenko. Biul. nauch. inform. : trud i zar. plata 5 no. 1:56-58 '62.

FACTORIES—EQUIPMENT AND SUPPLIES
Method for determining the optimum size of deliveries. L. Osipovich. Fin. SSSR 23 no. 2:42-49 F '62.

FACTORIES—HEATING AND VENTILATION
Kucheruk, V. V., and I. S. Khazanov. [Operating and repairing ventilation systems in machinery plants] Ekspluatatsiia i remont ventilitatsionnykh ustanovok mashinostroitel'nykh zavodov. Izd. 2., perer. i dop. Moskva, Gos. uchebno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 317 p.

FACTORIES—WATER SUPPLY
Industrial water supply and purification of industrial sewage waters. A. Akopov. Prom. Arm. 4 no. 12 22-24 D '61.

FACTORY LIBRARIES see subdivision under Dnepropetrovsk, Moscow

FACTORY MANAGEMENT
Establishing assignments by sets and units for machine shops. N. A. Zhivliuk, N. A. Lebedev. Mashinostroenie no. 1 23-27 Ja-F '62.

FACTORY SANITATION
Improving working conditions. V. F. Mal'tsev. Mashinostroitel' no. 2 37 F '62.

FADEEV, ALEKSANDR ALEKSANDROVICH, 1901-1956
My ceaseless struggle. A. A. Fadeev. Rab. i stud. 37 no. 12:17 D '61.

FALLOWING
(see also subdivision under Kemerovo Province)
Comparative study of crops for green fallows. E. A. Kopeev. Vest. sel'khoz nauki (Kazakh.) 4 no. 12 21-25 D '61.

FAMILY
(see also subdivision under Georgia, Yenisey Valley)
Development of communism and strengthening of the family. G. Gromova. Polit. samoobr. 6 no. 2 124-131 F '62.
Editor's mail. Sem'ia i shkola 17 no. 2 38-40 F '62.
Thoughts about the family. A. Levshin. Sem'ia i shkola 17 no. 3 2-5 Mr '62.
Vestiges of ancient family forms among the Kara-Kalpaks. A. S. Morozova. Trudy TashGU no. 172:118-123 '60.

FANS, ELECTRIC
(see also subdivision under Spitak)
Russia (1917- R. S. F. S. R.) Glavnoe upravlenie sanitarnotekhnicheskikh i montazhnykh rabot. Procktno-naladochnoe upravlenie. [Fans used in ventilation and air-conditioning systems] Ventilatory, primeniaemye v sistemakh ventilitatsii i konditsionirovaniia vozdukha; sbornik spravochnykh dannykh. Moskva, TSentr. biuro tekhn. informatsii, 1960. 236 p.

FANS, MECHANICAL
Dzidziguri, A. A., and others. [Simultaneous operation of mine ventilators] Sovmestnaia rabota shakhtnykh ventilatorov. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 182 p.
Increasing the gap efficiency of axial fans. A. D. Sherstiukov. Ugol' Ukr. 6 no. 1:17-18 Ja '62.
Local resistance of right-angle joints attached to the exhaust hole of a centrifugal fan. V. S. Kozachenko. Vod. i san. tekh. no. 2:20-22 F '62.
Some results of the investigation of centrifugal fans in agricultural machinery. I. K. Chaban. Trudy BSKHA 34:146-165 '61.

FAOLITE
Property changes of raw faolites during long-term storage. I. A. Egorov. Plast. massy no. 2:71-73 '62.

FAR EAST—ARMED FORCES
"Mutual defense" treaties concluded by the United States. Mezhdunar. zhizn' 9 no. 4 146-147 Ap '62.

FAR EAST—FORAMINIFERA
Saidova, Kh. M. [Foraminiferal ecology and paleogeography of seas of the Soviet Far East and the northwestern part of the Pacific] Ekologiia foraminifer i paleogeografiia dal'nevostochnykh morei SSSR i severo-zapadnoi chasti Tikhogo okeana. Moskva, Izd-vo Akad. nauk SSSR, 1961. 231 p. illus.

FAR EAST—GEOLOGY—CONGRESSES
First All-Union Conference on the Geology and Metallogeny of the Pacific Belt. Iu. M. Pushcharovskii. Izv. AN SSSR, Ser. geol. no. 3:132-136 Mr '61.

FAR EAST—MONSOONS
Monsoons in the Far East. G. N. Vitvitskii. Biul. MOIP. Otd. geol. 37 no. 1:157 Ja-F '62.

FAR EAST—PALEOGEOGRAPHY
Saidova, Kh. M. [Foraminiferal ecology and paleogeography of seas of the Soviet Far East and the northwestern part of the Pacific] Ekologiia foraminifer i paleogeografiia dal'nevostochnykh morei SSSR i severo-zapadnoi chasti Tikhogo okeana. Moskva, Izd-vo Akad. nauk SSSR, 1961. 231 p. illus.

FAR EAST, SOVIET see Soviet Far East

FARM BUILDINGS
(see also subdivision under Armenia; Kazakhstan)
Stock fattening yards. G. Iablochko. Sel'. stroi. 16 no. 12:22-23 D '61.

FARM BUILDINGS—FIRES AND FIRE PREVENTION
Spring is coming. Pozh. delo 8 no. 2:1-2 F '62.

FARM MANAGEMENT
(see also subdivision under Kazakhstan; Lukhovitsy District; Okniisa District; Poltava Province; Turki District; Virgin Territory)
Improving the organization of land use on the "Maiak" Collective Farm in Topchikha District, Altai Territory. Kim Ir Gun. Trudy MIIZ no. 8:127-132 '59.

Kholmovoi, M. P. [Make use of resources wisely] Razumno ispol'zovat' resursy. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 86 p.

The Leninist style of management in agriculture. I. Vladimirov. Komm. Mold. 6 no. 7:67-71 Jl '61.

Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut ekonomiki sel'skogo khoziaistva. [Raising the level of the development of collective-farm operation] Povyshenie urovnia razvitiia kolkhoznogo proizvodstva. Moskva, Izd-vo ekon. lit-ry, 1961. 236 p.

On a collective farm economist. Uchet i fin. v kolkhoz i sovkhoz. 19 no. 1 29-32 Ja '62.

Stupalov, Yu. D. [Specialization and the combining of specialities on collective and state farms] Spetsializatsiia i sochetanie otraslei v kolkhozakh i sovkhozakh. Moskva, Izd-vo "Znanie," 1962. 30 p. (Narodnyi universitet kul'tury. Sel'skokhoziaistvennyi fakul'tet, no. 17)

Taking into account the relief in the organization of land use. S. I. Pomelov. Trudy MIIZ no. 8:169-174 '59.

FARM MECHANIZATION
(see also subdivision under Golodnaya Steppe)
Effect of the overall mechanization on the growth of the economy of collective farms. Pak-Dek-En, V. Speranskii. Tekh. v sel'khoz. 22 no. 2 13-16 F '62.
Efficient organization of the territory and use of machinery in agriculture. A. A. Maslov. Trudy MIIZ no. 8: 105-116 '59.
From the pages of agricultural journals. Tekh. v sel'khoz. 22 no. 2:92-93 F '62.
In the field and on a farm as in a workshop. Ivan Seriakov. Smena 39 no. 3:2-3 F '62.
Machinery for livestock raising. V. Michurina. Sel'. mekh. no. 12 38-40 '61.
Main trends. I. Gorlunov. Sel'. mekh. no. 12:6 '61.
Tkachenko, A. E., and S. A. Karpenko. [Machines for the overall mechanization of field crop cultivation] Mashiny dlia kompleksnoi mekhanizatsii rabot v polevodstve. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 128 p.
Work of the efficiency experts and inventors. A. Gol'denberg. Tekh. v sel'khoz. 22 no. 2:86-87 F '62.

FARM MECHANIZATION—BIBLIOGRAPHY see Bibliography—Farm mechanization

FARM MECHANIZATION—STUDY AND TEACHING
High indices. A. Akubenko. Prof.-tekh. obr. 19 no. 2: 4 F '62.
Interprovince seminar of machine operators in an agricultural institution of higher learning. A. A. Bil'nevich. Vest. vys. shkoly 20 no. 3:78-79 Mr '26.

FARM PRODUCE see subdivision under Predgornyy District

FARM PRODUCE—GRADING
Exhibition of equipment for determining the quality of farm products. L. Il'ina. Muk.-elev. prom. 27 no. 12, 6-8 D '61.

FARM PRODUCE—MARKETING see subdivision under Uzbekistan

FARM PRODUCE—PRICES
Kuvshinov, I. S., and M. N. Gumerov. [Price and price formation of farm products; a lecture] TSena i tsenoobrazovanie na produkty sel'skogo khoziaistva, lektsiia. Moskva, Mosk. sel'khoz. akad. im. K. A. Timiriazeva, 1960. 87 p.

FARM PRODU
Goberman, V
of leading
agricultura
gruzochny
nykh gruzo
Nauchno-te
shosseinyk
(DA)

Motor Vehic
transp. 40

Motortrucks
Avt. transp

FARMHOUSE

FARMING, P

FASCIAE (AN
Simultaneou
joint with
in English]
'61.

FASCISM
Crisis of in
A. Galkin.

FASHION
Fashions. 1
Fashions. 1
Spring fashi

FASTS AND FEASTS

Ogryzko, I. I. [Why we are against religious feasts] Pochemu my protiv religioznykh prazdnikov. [Leningrad] Lenizdat, 1961. 77 p. (Bibliotechka ateista)

FAT

Effect of the antioxidant propylgallate on the food value of fat [with summary in English] N. D. Bukhman Vop pit. 21 no 1:68-72 Ja-F '62

Materials concerning the study of parenteral feeding with fats Report 3 Lipid content of the lungs, liver, and spleen of rats following injection of a fat emulsion [with summary in English] V. Korzans Izv AN Latv SSR no 11 113-116 '61.

Method for fast determination of fat in the meat of herring on scouting ships V. N Podsevalov. Trudy BaltNIRO no. 7.195-196 '61.

FATIGUE TESTING MACHINES

Fatigue testing machine in a multistage programming of stresses. M. E. Gaif. Zav lab 28 no 1 109-111 '62

FATTY ACIDS see Acids, Fatty

FAULTS (GEOLOGY) see subdivision under Aktas Valley, Amur Valley, Dnieper Valley, Sakhalin

FAVUS see subdivision under Bashkiria; Turkmenistan

FEDIN, KONSTANTIN ALEKSANDROVICH, 1892-

People's destinies. K. Ostrov. Ogonek 40 no. 8:8 F '62.

FEDORENKO, PAVLO KOSTIANTYNOVYCH, 1900-1962

P. K. Fedorenko; obituary. Ukr. fiz. zhur 6 no. 2:158 Mr-Ap '62.

FEDOROV, VLADIMIR GRIGOR'EVICH, 1874-

Founder of the Russian school of the automatic weapon. N. Okhotnikov. Voen.-ist. zhur 3 no 12 106-114 D '61.

FEED MECHANISMS

Automatic feed of strips to press dies. I. M. Stavitskii. Mashinostroenie no. 1 103-104 Ja-F '62

Calculating feed-mechanism guides according to friction characteristics. G. A. Levit, B. G. Lur'e. Stan. i instr. 33 no. 1:12-15 Ja '62

Device for the mechanized feeding of parts in spot welding. L. M. Berson. Svar. proizv. no 3:28-30 Mr '62.

Elements of orientation devices in vibratory feed bunkers. V. A. Akhumovich. Mashinostroenie no. 1 94-96 Ja-F '62.

FEED MILLS

The AMK-2 unit for the preparation of mixed feed V. I Torba. Mashinostroenie no. 1.83-84 Ja-F '62.

FEED MILLS—EQUIPMENT AND SUPPLIES

Mixer and batcher for molasses. L. Dolgoruchenko. Muk.-elev. prom. 27 no. 12:17-18 D '61

FEED WATER

Installation of a mixing heater. E. L. Akhenval'd. Energetik 10 no. 3:21-22 Mr '62.

FEED WATER—TESTING

Analyzing water hardness in presence of aluminum. N. S. Litvinova. Teploenergetika 9 no 3:46-47 Mr '62.

FEED-WATER HEATERS

Use of the condenser as a feed water heater. I. M. Krichker. Energetik 10 no. 3:14-16 Mr '62.

FEED-WATER PURIFICATION

Electromagnetic method of preparing water to supply boilers. V. I. Kazantsev. Ment. i spets. rab. v stroi. 23 no. 12:15-17 D '61.

Gurvich, S. M. [Water treatment] Vodopodgotovka. Moskva, Gos. energ. izd-vo, 1961. 239 p.

Prevention of the bearing-out of iron oxide from steel wool filled filters. A. P. Mamet. Energetik 10 no. 2, 37 F '62

Redesigning of a chemical feed water purification system. L. E. Komarova. Energetik 10 no. 3:16 Mr '62.

FEEDING

Stock fattening yards. G. IAblochko. Sel'. stroi. 16 no. 12:22-23 D '61.

Technique for feeding trace elements. Vest. sel'khoz. nauki [Kazakh.] 4 no. 11:39-40 N '61.

FEEDING, ARTIFICIAL

Feeding by tube in treating patients with severe burns [with summary in English]. V. I Filatov, T. I. Golubev. Vop. pit. 21 no. 1:13-18 Ja-F '62.

FEEDS

(see also subdivision under Moscow Province; Penza Province; United States)

Automation of feed processing operations. M. M. Sokolov. Trakt. i sel'khozmash. 32 no. 1:21-23 Ja '62.

Mechanization of hay making operations. A. V. Demin, N. N. Eliseev. Mekh. i elek. sots. sel'khoz. 20 no. 1: 26-30 '62.

Pakhuchii, V. M. [Standards of feeding and forage shares] Normy godivli ta komovi ratsiony. Kyiv, Derzh. vyd-vo sil's'kohospodars'koi lit-ry, URSR, 1959. 206 p. (DA)

FEELINGS see Emotions

FELDSPAR

Elastic properties of rock-forming minerals Report No. 3 Feldspars. K. S Alekseandrov, T. V Ryzhova. Izv AN SSSR Ser geofiz. no. 2 166-169 F '62

FELT—TESTING

New method of determining the volumetric weight of felt goods. L. A. Luvishis Tekst prom 22 no. 1:73-75 Ja '62.

FELTWORK

"Feltwork technology" by M. P Pil'shchikov. Reviewed by M. I. Levin, A. O. Merpert. Tekst prom 22 no 1 90-91 Ja '62

Mechanization of the unloading of semifinished products from the hammer felting machine. V. D. Erlikh, M. P. Chelnokov Tekst prom. 21 no. 6.58 Je '61.

New reagents for feltwork. M. I. Levin and others Tekst. prom. 21 no 12:48-50 D '61

FEMORAL ARTERY—SURGERY

Autoplasty of the femoral artery with a venous transplant in gunshot injuries. N. A. Telkov, N. S. Zubareva, G. S. Sokolova. Vest. khir no. 12:85-86 '61.

Replacement of a defect of the femoral artery with a venous segment B. S Lubenets. Vest. khir no. 12: 86 '61.

FEMORAL NERVE—DISEASES

Blocks in ischias and neuralgia of the femoral nerves. E. A. Fel'dman. Sov. med 25 no 12:107-110 D '61

FEMUR—DISEASES

Pseudarthroses of the femoral neck and their osteosynthesis with metal nails. D. I. Chopchik. Ortop., travm. i protez. no. 1:19-23 '62.

Treatment of pseudarthrosis of the femoral neck. D. Berentei, L. Kalabai, Z. Medveshi. Ortop., travm i protez. no. 1:26-32 '62

Treatment of unknit fractures and pseudarthroses of the femoral neck by osteosynthesis with 3-pronged nails. V. M. Lirtsman. Ortop., travm. i protez. no 1:23-28 '62.

FEMUR—FRACTURE

High oblique subtrochanteric osteotomy in the treatment of ununited medial fractures and pseudarthroses of the femoral neck [with summary in English]. V. M. Lirtsman Vest. khir no. 2 82-87 '62

Treatment of lateral fractures of the neck of the femur. U. IA. Bogdanovich, A. IU Pedval'nyi. Kaz. med. zhur. no. 6 31-33 N-D '61

Use of a metal rod for the intraosseous fixation of femoral fractures in children. M. A. Akhmedov. Med. zhur. Uzb. no. 2:45-46 F '60.

FEMUR—SURGERY

Regeneration of the bone and the fate of lyophilized tubular homografts in osteoplasty of extensive defects of the diaphysis of the hip under experimental conditions. A. I Morozov. Ortop., travm. i protez. no 1 52-56 '62.

FERGANA—GEOLOGY

Principle stages in the geologic history of northern Fergana. G. M. Aladatov. Trudy KF VNII no. 6: 380-396 '61.

Subsurface geology of the Fergana Valley according to geophysical data. L. S. Vol'vovskii, V. Z. Rinboi, V. I. Shraibman. Sov. geol. 5 no. 1:156-160 Ja '62.

FERGANA—HYDROLYSIS

Provide the hydrolysis industry with cheap raw materials. Kh. Usmanov, V. Minina. Nar. khoz. Uzb. 4 no. 2: 73-75 F '62.

FERGANA—IRRIGATION

What retards the speed and efficiency in developing the central part of the Fergana Valley. P. Churov. Nar. khoz. Uzb. 4 no. 2:30-32 F '62.

FERGANA—MOLLUSKS, FOSSIL

Stone borer from the Paleogene of Fergana. R. L. Merklin Paleont. zhur. no. 3:127-129 '61.

FERGANA—OIL RESERVOIR ENGINEERING

Results of the combined studies of the Tertiary reservoir fluids of Fergana. Kh. A. Ravikovich. Geol. nefti i gaza 6 no. 2:45-49 F '62.

FERGANA—RAILROADS

History of the building of the Fergana Railroad, 1900-1917. I. Gafurdzhanova. Nauch. rab. i soob. Otd. obshchestv. nauk AN Uz. SSR 2:305-313 '61.

FERGANA—REVOLUTION, 1917-1921

Shamagdiev, S. A. [Outline history of the civil war in the Fergana Valley] Ocherki istorii grazhdanskoi voiny v Ferganskoidolline, Tashkent, Akad. nauk Uzbekskoi SSR, 1961. 386 p.

(MH)

FERGANA—TICKS

Distribution of ticks of the genus Alectorobius in some regions of the Fergana Valley. Kh. Kuzybaeva. Uzb. biol. zhur. no. 5:52-56 '61.

FERMENTATION

Effect of salt treatment on the fermentation activity of starch F. G. Krivolapov, L. E Sinel'nikova Izv. vys. ucheb zav., pishch tekh no. 6 33-36 '61.

FERMIUM—ISOTOPES

Druin, V. A., L. Brandshteir, and IA. Maly. [Measurement of the period of spontaneous fission of the fermium isotope Fm^{252}] Izmerenie perioda spontannogo deleniia izotopa fermiia Fm^{252}. Dubna, Ob"edinennyi in-t iadernykh issledovanii, 1962 12 p. [With summary in English]

FERNAU, JOACHIM

A slanderer and the Hermitage Dm Moldavskii. Neva no. 10.184-186 '61

FERRATES

Calculation of choke-type ferrite-diode elements with a split winding in the coupling loop. M. A. Levchenko, V. Y. Konozenko. Zbir. prats' z obchys mat. i tekh 3: 52-56 '61.

Calculation of generation thresholds in a ferrite with longitudinal pumping A. L Mikaelian, A. A Vasil'ev, V. S. Smorodinov. Radiotekh. i elektron. 7 no 3:558-569 Mr '62.

Calculation of the optimum parameters of ferrite systems based on the Faraday effect. A. M. Starodubtsev. Radiotekhnika 17 no. 1:32-39 Ja '62

Concerning the theory of resonant ferrite systems Siui IAn'-shen, [Hsü Yen-shên] Radiotekh. i elektron 7 no 3 429-136 Mr '62

Memory effect on ferrates. V. V. Potemkin, IU. V. Vasil'ev. Dokl. AN SSSR 140 no. 5:1051-1053 O '61.

Parametric representation of the hysteresis loop. G. M. Tikhomirov. Izv. vys. ucheb zav., elektromekh. 5 no. 1:10-14 '62.

FERRATES—ELECTRIC PROPERTIES

Temperature dependence of the static magnetic and electric properties of some garnet-structured ferrates. R. V. Telesnin, A. M. Efimova, R. A. IUs'kaev. Fiz. tver. tela 4 no. 2:361-365 F '62.

FERRATES—MAGNETIC PROPERTIES

Temperature dependence of the static magnetic and electric properties of some garnet-structured ferrates. R. V. Telesnin, A. M. Efimova, R A IUs'kaev. Fiz tver. tela 4 no. 2:361-365 F '62.

FERRATES—MEASUREMENT

Oscillograph for measuring the dynamic saturation curve of ferromagnetic substances A. G. Shishkov, IU. D. Ivanov, V. M. Gladkov. Elektrichestvo no. 2:68-70 F '62.

FERRITE (STEEL CONSTITUENT)—TESTING

Determining the complex permeability of ferrites in the range of meter waves A. F. Kugusevskii. Izm. tekh no. 2:53-55 F '62.

FERRITES—TESTING

Balance indicator for a. c. balancing networks used in testing ferromagnetic materials at increased frequencies. V. M. Il'in. Sbor. trud. Inst. elektrotekh. AN URSR no. 16: 111-114 '61.

FERRITIN

Detecting ferritin in the tissues. N. D. Klochkov. Arkh. anat. gist. i embr. 42 no 2:94-97 F '62.

FERROCENE

1, 2-diferrocenyl-1, 2-diphenylethane and 1, 1-diferrocenyl-1, 2-diphenylethane. A. N. Nesmeianov, I. I. Kritskaia. Izv. AN SSSR. Otd. khim. nauk no. 2:352-354 F '62.

FERROELECTRIC SUBSTANCES

Ferroelectrics-antiferromagnetics. V. A. Bokov, I. E. Myl'nikova, G. A. Smolenskii. Zhur. eksp. i teor fiz. 42 no. 2:643-646 F '62.

X-ray determination of the symmetry of elementary cells in the ferroelectric substances $(K_{0.5}Bi_{0.5})TiO_3$ and $(Na_{0.5}Bi_{0.5})TiO_3$ and of high-temperature phase transitions in $(K_{0.5}Bi_{0.5})TiO_3$. V. V. Ivanova and others. Izv. AN SSSR. Ser. fiz. 26 no. 3:354-356 Mr '62.

X-ray diffraction and electric study of the system $PbTiO_3$ - $BiFeO_3$. S. A. Fedulov and others. Kristallografiia 7 no. 1:77-83 Ja-F '62

FERROMAGNETIC RESONANCE

Excitation of spin waves by local surface magnetic irregularities. IU. M. IAkovlev. Fiz. tver. tela 4 no. 2.407-412 F '62.

Natural ferromagnetic resonance in fields on form anisotropy for one-domain Fe, Ni, Co particles. L. A. Dorfugin, M. A. Sigal. Fiz. tver. tela 4 no. 2:404-500 F '62.

Resonance of domain boundaries and spin resonance in magnesium-nickel ferrates. V. I. Shakhov, E. I. Kondorskii. Fiz. tver. tela 4 no. 1:26-35 Ja '62.

Vonsovskii, S. V., ed. [Ferromagnetic resonance; the phenomenon of resonance absorption of a high-frequency electromagnetic field in ferromagnetic substances] Ferromagnitnyi rezonans; iavlenie rezonansnogo pogloshcheniia vysokochastotnogo elektromagnitnogo polia v ferromagnitnykh veshchestvakh. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 343 p. (Sovremennye problemy fiziki)

FERROMAGNETISM

Anisotropy of thin ferromagnetic films M.K Savchenko, N.I.Sadikov, T.P.Izotova. Izv.AN SSSR.Ser.fiz. 26 no.2 311-317 F '62.

Domain structure of ferromagnetic materials. IA.S. Shur. Izv.AN SSSR Ser.fiz 26 no.2 281-282 F '62

Effect of a rotating magnetic field on a boiling layer containing ferromagnetic particles [with summary in English] Z.I Nekrasov and others Dop AN URSR no 1 42-44 '62.

Effect of lattice defects on the traveling speed of domain boundaries. I IA Dekhtiar, A.M Shalaev. Izv.AN SSSR.Ser.fiz 26 no.2 273-276 F '62.

Effective viscosity of a fluidized bed of polydisperse ferromagnetic particles in a variable magnetic field. Z.I.Nekrasov, V.V.Chekin. Izv.AN SSSR.Otd.tekh. nauk.Met.i topl. no.1,56-58 Ja-F '62.

Large Barkhausen jumps in the magnetization of thin ferromagnetic films. P.D Kim, G.M.Rodichev Izv AN SSSR Ser.fiz. 26 no.2 306-310 F '62.

No-hysteresis magnetization curves for ferromagnetic metals and alloys. A.I Drokin and others. Izv.AN SSSR Ser fiz. 26 no.2;291-295 F '62.

Observation of ferromagnetic domains with the help of dry magnetic powder [with summary in English] V Bilenskii. Izv. AN Latv SSR no.11 63-64 '61

Some characteristics of current carriers of ferromagnetics. V.L.Bonch-Bruevich, R.A.Suris. Fiz tver. tela 4 no.2,309-316 F '62.

Spin-lattice relaxation of nuclei during nuclear resonance in ferromagnetic substances [with summary in English]. L.L.Buishvili, N.P.Giorgadze Zhur. eksp.i teor fiz 42 no.2;400-502 F '62.

Theory of the magnetic reversal of thin ferromagnetic films in strong fields. A.M.Rodichev, D.N.Rumanov. Izv.AN SSSR.Ser.fiz. 26 no.2 296-299 F '62.

Use of delayed and advanced Green functions in the theory of ferromagnetism. D.N.IAkovlev Fiz tver. tela 4 no.1;179-181 Ja '62

FERROMANGANESE

Mechanized stripping of ferromanganese ingots M M Gladkii Metallurg 7 no 3 11 Mr '62.

FERROSILICON CRYSTALS—MAGNETIC PROPERTIES

Temperature dependence of the domain structure of ferrosilicon crystals. L.E.Startseva, A.A.Glazer, IA S Shur. Izv.AN SSSR.Ser.fiz. 26 no.2 262-265 F '62.

FERTILITY

Some problems with regard to the fecundity of herring in the Onega Bay L. F Anokhina. Dokl AN SSSR 142 no 6 1412-1415 F '62.

FERTILIZATION (BIOLOGY)

Experimental fertilization of the eggs of coregonoid fishes after the death of the female [with summary in English on pages 268-269]. A.N.Kuz'min. Izv. GosNIORKH 51;60-64 '61.

FERTILIZATION OF PLANTS

Effect of repeated pollination and the time between the two pollinations on seed ovaries. Chu Ch'ing-ling. Agrobiologiia no 6;804-809 N-D '61.

Process of fertilization in wheat. T.B.Batygina. Trudy Bot.Inst.Ser. 7 no.5;280-283 '62.

FERTILIZER SPREADERS

OAN-8 "Urozhai" mounted ammoniac and weed killer solution spraying machine. S D Sheruda, M. A. Gekhtman. Trakt.i sel'khozmash. 32 no.1,34 Ja '62.

Results of investigating deep furrow openers for fertilizer placement. G. M. Rudakov. Shor nauch.-issl. rab. UzNIIME no.1;66-76 '60.

SPU-40M fertilizer mixer-loader. A. T. Karpov. Trakt. i sel'khozmash 32 no.1;35-36 Ja '62.

STS-16 self-loading seed and fertilizer drill. A. M. Shcherbakov. Trakt.i sel'khozmash. 32 no.1,36-37 Ja '62.

FERTILIZERS AND MANURES

(see also subdivision under Estonia; Kazakhstan; Ukraine, Western)

Advanced methods for using fertilizers. V. IA Smirnova. Zemledelie 24 no 1;77-81 Ja '62

Improvement of a manure removing conveyor. L. Polonskii, L. Bronfman. Tekh.v sel'khoz. 22 no.1,24-26 Ja '62.

Mechanized removal of manure. V. Gamaliitskii. Tekh. v sel'khoz. 22 no. 2;28-30 F '62.

Preserve and increase soil fertility. A.Muromskii. Agrobiologiia no.6;921-923 N-D '61.

The RSSh-6 horticultural manure spreader. G. G. Shkirkin. Biul. tekh. -ekon. inform. no. 1;61-63 '62.

FERTILIZERS AND MANURES—PRICES

Shortcomings of the current price system for mineral fertilizers. A. Derlabin. Ekon. sel'khoz. 32 no.12; 77-82 D '61.

FERTILIZERS AND MANURES—TRANSPORTATION see subdivision under Vladimir Province

FETAL MEMBRANES—TRANSPLANTATION

Blood coagulation change under the influence of homologous tissues (pieces of the fetal cranial vault) V L Fishkin, M N Shikhaleeva Khirurgiia no 2 8-12 '62

FETUS

Embryological basis for the necessity of protecting the early period of intrauterine life in man. P.G.Svetlov Vest.AMN SSSR 16 no 11 54-57 '61.

Nutritional hygiene during pregnancy, and requirements of the embryo or fetus V. A. Leonov Zdrav Bel 7 no 8;53-56 Je '61

Review of I. A. Arshavskii's book, "The physiology of blood circulation in utero " G. I. Kositskii Fiziol zhur. 48 no.1;101-106 Ja '62.

Some data on the protection of the organism from the effect of ionizing radiation during its antenatal development. N. A. Kalinina. Radiobiologiia 1 no 6;958-962 '61.

FEVER, ENTERIC see Typhoid fever

FIBER GLASS REINFORCED PLASTICS see Glass reinforced plastics

FIBRINOLYSIS

State of the coagulation system and fibrinolytic activity of the blood in splenomegaly of varied etiology [with summary in English] F. A Efendiev, A M Akhundova, M M Abdullaev Khirurgiia no 2;3-8 '62

FICTION, AUTOBIOGRAPHIC

Seen by all and in solitude. T.Khmel'nitskaia. Neva no.11;194-197 '61.

FIELD ARTILLERY see Artillery, Field and mountain

FIELD CROPS

(see also subdivision under Ukraine)

Effective crop cultivation practices guarantee high yields. V. A. Bondarenko. Zemledelie 24 no 1 31-35 Ja '62

FIELD CROPS—VARIETIES see subdivision under Lithuania

FIELD HOSPITALS see Hospitals, Military

FIELD PEA

Converting the spring field pea (Pisum arvense) into the winter field pea. M P.Elsukov, L I Gromova, N P. IUshonkova. Agrobiologiia no 6 800-805 N-D '61

FIELD THEORY

Properties of a solution to Low's equation for a local field theory model [with summary in English]. B. M. Barbashov, G. V. Efimov. Zhur eksp.i teor fiz. 42 no. 2;520-525 F '62.

FIELDS, ALGEBRAIC

One class of isotropic random fields in Lobachevskii's space [with summary in English]. M. I. IAdrenko Dop AN URSR no. 1;15-18 '62.

FIGWORT see subdivision under Russia, Northwestern

FIGURE SKATING see Skating

FIJI ISLANDS—ANTIQUITIES

The new collections of the Department of Australia and Oceania of the Museum of Anthropology and Ethnography of the Academy of Sciences of the U.S.S.R. L. G. Rozina. Krat soob. Inst. etn. no. 38;69-74 '62.

FILARIA AND FILARIASIS

Case of a live parasite in the human crystalline lens. L. D. Mitskevich, M. F. Leont'eva. Zdrav. kazakh 21 no. 5;67-70 '61.

FILM ADAPTATIONS

Pogozheva, L. P. [From a book into a film; principles of film adaptation] Iz knigi v fil'm; tvorcheskie printsipy ekranizatsii. Moskva, Gos. izd-vo "Iskusstvo," 1961, 67 p.

FILMS (CHEMISTRY)

Apparatus for the study of polymer coatings. P. I. Zubov, L. A. Lepilkina. Vest. AN SSSR 32 no. 3;49-50 Mr '62.

Thickness of the film of liquids in film-type apparatus. L.IA. Zhivaikin. Khim. mash. no. 6;26-29 N-D '61.

FILMSTRIPS see subdivision under Tselinograd

FILTERS AND FILTRATION

Causes of the destruction of fine-wooled felt plates of fuel filters. G. P. Otkupshchikov, B. A. Englin. Khim i tekh. topl. i masel 7 no. 3;56-57 Mr '62.

Increasing the output capacity of vacuum filters at coal preparation plants. T. G. Fomenko and others Koks i khim. no. 12,11-15 '61.

Increasing the output capacity of vacuum filters by precoagulation of the charge. L. L. Papushin, V. M. Derevianskii. Koks i khim. no. 12,16-17 '61.

Prevention of the bearing-out of iron oxide from steel wool filled filters. A. P. Mamet. Energetik 10 no. 2; 37 F '62.

Use of UNF-30 for purifying water contaminated with some microbes. N. V. Ryzhov, E. V. Shtannikov. Voen.-med. zhur. no. 8;47-48 Ag '61.

FINANCE

(see also subdivision under Czechoslovakia; India, Irkutsk Province, Kharkov Province, Lugansk Province, Minsk, Novosibirsk Province, White Russia, Zaporozh'ye Province, Zlatoust)

[Auditing financial operations of the enterprises of regional economic councils] Proverka finansovoi deiatel'nosti predpriiatii sovnarkhozov. Avtorskii kollektiv pod rukovodstvom D. S. Mollakova Moskva, Gosfinizdat, 1961. 263 p.

Financial control in the building of communism. B Rivkin. Fin.SSSR. 23 no 1 19-29 Ja '62

Financial plans should be prepared in enterprises. G. Chechik. Fin. SSSR 23 no 2;55 F '62

How the documents granting a favor or immunity reflect the financial system of the Russian state from 1500 to 153J. S M. Kashtanov. Ist. zap no. 70 251-275 '61.

Improve the work of the control and auditing apparatus of financial organs Fin SSSR 23 no 2;3-7 F '62

Increase revenues and spend budget funds economically I. Fadeev. Fin SSSR 23 no 2;8-18 F '62

Kommunisticheskaia partiia Sovetskogo Soiuza. Vysshaia partiinaia shkola. [Finances and credit of the U. S. S. R., textbook] Finansy i kredit SSSR, uchebnoe posobie, Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1962. 253 p.

Omarov, A. M. [Business accounting in an enterprise] Khozialstvennyi raschet na predpriiatii. Moskva, Gos. izd-vo polit. lit-ry, 1961. 53 p. (Ekonomicheskie znaniia - rabochim)

Principle of public participation in the work of financial organs. V Gavrilov, V. Markteev Fin.SSSR 23 no 1;53-56 Ja '62.

Problems of business accounting during the period of the building of communism. Sh. Turetskii. Fin SSSR. 23 no 1 30-41 Ja '62.

Searching for hidden potentialities is the main task of the analysis of balances and reports for 1961 V Zagrekov, M. Rabinovich. Fin.SSSR. 23 no.1 42-49 Ja '62.

TSaritsina, G. A. [Business accounting and profit. Value and costs] Khozialstvennyi raschet i rentabel'nost' Stoimost' i sebestoimost'. Moskva, Gos izd-vo "Vysshaia shkola," 1961 67 p.

Voitolovskii, V. N., and L. G. Zverev. [Profit of an industrial enterprise] Rentabel'nost' promyshlennogo predpriiatiia. [Leningrad] Lenizdat, 1961. 28 p. (Osnovy ekonomicheskikh znanii kazhdomu rabochemu)

"Working capital in regional economic councils" by L. Rotshtein; "Economic analysis of the operations of enterprises." Book review Bukhg. uchet 19 no 2;78 F '62.

FINANCE—BIBLIOGRAPHY see Bibliography—Finance

FINANCE—LAW

Rovinskii, E. A., ed. [Soviet financial law] Sovetskoe finansovoe pravo. Moskva, Gos. izd-vo iurid lit-ry, 1961 350 p.

FINANCIAL EMPLOYEES

In the Collegium of the Ministry of Finance of the U.S.S.R. and the Presidium of the Central Committee of the Government Workers Trade Union Fin.SSSR. 23 no.1 93-95 Ja '62

Plenum of the Central Committee of the Government Workers Trade Union. Fin. SSSR. 23 no 1 94-95 Ja '62.

FINANCIAL STATEMENTS

(see also subdivision under Kazakhstan)

Our practice in preparing an annual report. I. Komkin. Bukhg. uchet 19 no.1;34-35 Ja '62

FINES (PENALTIES)

Limitation of administrative fines. A. Lunev. Sov. deput. trud. no. 2;95-98 F '62.

FINISHES AND FINISHING

Eliseeva, V. I. [Film forming polymers for leather finishing] Polimernye plenkoobrazovateli dlia otdelki kozhi. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1961, 236 p.

Increased demand for polyurethan resins in the U. S. A. (from "Canadian Paint and Varnish," 35, no. 5, 1961) Der. prom. 11 no. 3;32 Mr '62.

FINLAND—MAPS

New edition of the "Atlas of Finland." M. M. Vabar, R. S. Narskikh, L. P. Serebriannyi. Izv. AN SSSR. Ser. geog. no. 1;144-149 Ja-F '62.

FINNO-UGRIANS

On the work of sections and groups of the Institute of Archaeology of the Academy of Sciences of the U.S.S.R. in 1958. A. P. Smirnov, G. A. TSvetaeva. Krat. soob. Inst. arkheol. no. 85,130-142 '61.

FIRE CONTROL (GUNNERY)

Insure reliable control under any conditions. V. Khalipov. Voen. vest. 41 no 10,77-78 O '61.

FIRE ENGINES—SAFETY MEASURES
Frictional electricity can be grounded A Kosarev, V Shimanov Pozh delo 8 no 2 12 F '62

FIRE EXTINCTION—SOCIETIES, ETC.
(see also subdivision under Bukovina)
These are our worries. N Vasil'eva Pozh delo 8 no 2 4-5 F '62.

FIRE PREVENTION
Fireproofing properties of the FA monomer. N.N. Oster-Volkov Plast. massy no 2:73-74 '62
Readers' letters Pozh delo 8 no 2 30 F '62
Roitman, M.IA. [Fire-prevention measures in building] Pozharnaia profilaktika v stroitel'nom dele Izd 2, perer. Moskva, Izd-vo M-va kommun khoz. RSFSR, 1961 367 p.

FIRE PREVENTION—LAWS AND REGULATIONS
Russia (1923- U.S.S.R.) Ministerstvo elektrostantsii. [Fire-prevention requirements and regulations for the planning, building and operation of peat enterprises] Protivopozharnye normy i pravila proektirovaniia, stroitel'stva i ekspluatatsii torfopredpriiatii Moskva, Gos. energ izd-vo, 1959. 75 p

FIRE PREVENTION—STUDY AND TEACHING
Need for a standard textbook V. Malanov Pozh delo 8 no 2 25 F '62

FIREARMS
On a primitive type of firearmes. V. B. Vilinbakhov. Sov arkheol 6 no 1 295-300 '62

FIREMEN
(see also subdivision under Bukhara, Rostov)
Man from the ranks of the Party. L Stepanova. Pozh delo 8 no 2 18 F '62

FIREMEN—COMPETITIONS
Firemen of the Baltic Republics at the start. K Skvortsov. Pozh delo 8 no. 2 29 F '62

FIREPROOF BUILDING see Building, Fireproof

FIRES IN MINES see Mine fires

FIRST AID IN ILLNESS AND INJURY
(see also subdivision under Kotovskiy District, Moldavia)
Polyclinical service for traumatological patients. A.M. Dvorkin. Ortop, travm. i protez. no 12 40-44 '61.
Tracheal intubation in rendering first and emergency aid B. P. Zhukov. Sov. med 25 no. 12,114-117 D '61

FISH, CANNED
(see also subdivision under Kaliningrad)
Canned fish with vegetables made from large and small fishes exclusive of ganoids. A. A. Vershinin. Ryb. khoz. 38 no. 2:69-70 '62.
New types of canned fishery products made from cod liver N Kieva, L. Zakharova. Ryb. khoz 38 no 2. 71-72 '62.
Working out and investigating the process of preparing canned sprat pate G N. Kushtalov Izv vys ucheb zav, pishch tekh no 6 88-95 '61.

FISH, SMOKED
Selecting optimum smoking conditions for sprat and Baltic herring in the production of "sprat" type preserves by the use of live steam. M S Bidenko. Trudy BaltNIRO no. 7:171-184 '61.

FISH BY-PRODUCTS see Fishery products

FISH CULTURE
(see also subdivision under China)
Determining the stocking rates in acclimatizing fishes and planting bodies of water [with summary on pages 270-271]. V. S. Kirpichnikov. Izv. GosNIORKH 51: 125-136 '61.
Ecological principles of modern fish culture [with summary in English on page 266]. V.S Ivlev. Izv. GosNIORKH 51:7-14 '61.
Evaluating some diets for salmon on the basis of a histological analysis of the liver [with summary in English on page 267]. K. A. Faktorovich. Izv. GosNIORKH 51:37-46 '61.
Experimental fertilization of the eggs of coregonoid fishes after the death of the female [with summary in English on pages 268-269]. A. N. Kuz'min Izv. GosNIORKH 51:60-64 '61.
Rearing the Siberian white salmon from Lake Kubeno [with summary in English on page 268] N. I. IAndovskaia, Z. P. Tikhonova. Izv. GosNIORKH 51:52-59 '61.
Relation between the hardiness of embryos and the age of parent fish [with summary on page 270]. V. M Korovina. Izv. GosNIORKH 51:118-124 '61.
The technique of rearing young-of-the-year salmon [with summary in English on page 267]. N. I. IAndovskaia. Izv. GosNIORKH 51:28-36 '61.

FISH PONDS
Consultations. Ryb. khoz. 38 no. 2:83 '62.

FISH PROCESSING PLANTS—EQUIPMENT AND SUPPLIES see subdivision under Astrakhan

FISH TAGGING
Characteristics of the behavior of Ca^{45}, Sr^{90}, Ce^{144}, and Cs^{137} in the fish organism and methods for radioactive tagging of young fish [with summary in English on pages 271-272]. N. P. Rudakov Izv. GosNIORKH 51,165-254 '61.
Growth and survival rate of carp tagged with radioactive calcium and the effect of tagging on heredity [with summary in English on page 272]. V. S Kirpichnikov. Izv. GosNIORKH 51:255-265 '61
Results of tagging bream and pike perch in the Courland Lagoon A. S. Noskov. Trudy BaltNIRO no 7 141-146 '61

FISHERIES
(see also subdivision under Germany, East, Greenland; Kuybyshev Reservoir; Pacific Ocean, Poland; Sakhalin)
Improve the technique of fishing. Ryb. khoz. 38 no. 2: 3-9 '62.
Voinikanis-Miraskii, V. N. [Techniques of commercial fishing and the hunting of marine animals] Tekhnika promyshlennogo rybolovstva i promysel morskogo zveria. 2, izd., dop. i perer, dopushcheno Ministerstvom vysshego i srednego spetsial'nogo obrazovaniia SSSR v kachestve uchebnika dlia tekhnikumsa rybnoi promyshlennosti 3 iiunia 1961 g. Moskva, Pishchepromizdat, 1961. 501 p.

FISHERIES—BIBLIOGRAPHY see Bibliography—Fisheries

FISHERIES—ECONOMIC ASPECTS see subdivision under Latvia

FISHERIES—LABOR PRODUCTIVITY
Establishing work norms in the fishing industry B. D. Emerov Ryb. khoz. 38 no 2:74-76 '62

FISHERIES—RESEARCH see subdivision under Atlantic Ocean; Tonkin, Gulf of

FISHERY LAW AND LEGISLATION
Should the restriction of fishing gear types in fishing regulations be made on the basis of mesh size and design? N. N. Malashkin. Ryb. khoz. 38 no 2 26-28 '62

FISHERY PRODUCTS—ANALYSIS
Method for fast determination of fat in the meat of herring on scouting ships. V. N. Podsevnlov. Trudy *BaltNIRO no. 7 195-196 '61.*

FISHERY PRODUCTS—DRYING
Vitamin B1 content of pike perch meat dried by the sublimation method. E. S. Tkachenko. Ryb khoz 38 no. 2:72-73 '62.

FISHES see subdivision under Atlantic Ocean

FISHES—EMBRYOLOGY see Embryology—Fishes

FISHES—FOOD
Birher, T. I. [Value of invertebrates occurring in large masses in the Dnieper River and the Dnieper-Bug Liman as food of fishes] Kormova tsinnist' dlia ryb masovykh form bezkhrebetnykh Dnipra i Dniprovs'ko-Buz'kogo limanu. Kyiv, Vyd-vo Akad nauk URSR, 1961. 108 p.
Evaluating some diets for salmon on the basis of a histological analysis of the liver [with summary in English on page 267]. K. A. Faktorovich. Izv. GosNIORKH 51:37-46 '61.
Food and the degree of utilization of natural and artificial food by hybrids of the domestic carp and the Amur wild carp [with summary on page 269]. L. P Maksimova. Izv. GosNIORKH 51:65-95 '61.
Food of the Chinese perch (Siniperca chua tsi) in the Amur River. L. I. Sokolov. Ryb. khoz. 38 no. 2:23-25 '62.
Food of the young of Cololabis saira [with summary in English] E. A. Lubny-Gertsyk Trudy Inst okean 45 279-283 '61.
Materials on the food of perch (Perca fluviatilis) in the middle reaches of the Dnieper River [with summary in English]. V. V. Polishchuk, V V. Sherstiuk Dop. AN URSR no. 1 114-117 '62.
Problems concerning the feeding of Enchytraeus albidus Henle in culture [with summary in English on pages 269-270]. I. V. Ivleva. Izv. GosNIORKH 51:96-117 '61

FISHES—IDENTIFICATION see subdivision under Atlantic Ocean

FISHES—MIGRATION
Recent data on the tagging of herring in the waters of Sakhalin. A. D. Druzhinin. Ryb. khoz. 38 no. 2-16-19 '62.
Why fishes migrate and where they go. V. Movchan Ukraina no. 3:30 F '62.

FISHES—PARASITES see Parasites—Fishes

FISHES—PHYSIOLOGY
Fish with colorless blood. N. G. Zavgorodniaia. Biol. v shkole no. 2:86 Mr-Ap '62.

FISHES IN ART see subdivision under Russia, Northern

FISHING—IMPLEMENTS AND APPLIANCES
Shock absorber of the messenger rope. V. B. Fershtman Ryb. khoz. 38 no. 2:36-42 '62
Should the restriction of fishing gear types in fishing regulations be made on the basis of mesh size and design? N. N. Malashkin Ryb khoz. 38 no 2:26-28 '62

FISHING NETS
Motion of the bottom seine. V. A. Ionas. Ryb. khoz. 38 no. 2 47-53 '62.

FISSION, NUCLEAR see Nuclear fission

FISTULA
Enterostoma as a trophic fistula P I. Androsov. Vest khir. no. 2 40-45 '62.
Error in the diagnosis of a hepatobronchial fistula. A. I. Pkhakadze, E. M. Vovchenko Nov. khir. arkh no. 1: 104-106 Ja-F '60.
Intestinal obstruction in a child caused by evagination through a fecal fistula. Kh I. Fel'dman Nov. khir arkh no 3 91 My-Je '60.
Late result following choledochoduodenostomy for a persistent nonhealing biliary fistula. A. F. Tolcheev. Nov. khir arkh no 1 111-115 Ja-F '60.
X-ray diagnosis of renal-intestinal fistulas A V. Savelov. Vest rent i rad 36 no 6 66 N-D '61

FISTULA, ANAL
Treatment of rectal fistulae I N. Ulanovskii. Nov khir arkh no 3 56-60 My-Je '60

FISTULA, BRONCHIAL
Bronchoesophageal fistulae. O. G. Bortnikov. Grud. khir. 1 no 1:112-114 Ja-F '62
Congenital esophageal-bronchial fistula in an adult. M. V. Dorfman. Grud. khir no 5:112 '61
Paranephritis opening into the bronchus. P. V. Mikhailets Zdrav. Bel. 7 no. 12:62 D '61.

FLAME
[Flames and chemical kinetics. Translated from the English Preface by S. A. Gol'denberg] Plamena i khimicheskaia kinetika, sbornik statei. Moskva, Izd-vo inostr. lit-ry, 1961. 352 p.

FLAME PHOTOMETRY
Comparative study of methods for extracting potassium from plants for its determination by flame. B. N. Vishnevskaia Izv AN Kazakh SSR. Ser. bot. i pochv no 2 99-102 '61

FLANDERS—HISTORY—SOURCES
Sources of the history of Netherlands, Flanders, and Holland in the Leningrad Branch of the Institute of History of the U. S. S. R Academy of Sciences. V S. Liublinskii Sred veka no 19 285-291 '61

FLAVONOIDS
Flavonoids of parsnip fruit (Pastinaca sativa L.). N. P. Maksiutina, D. G. Kolesnikov Dokl. AN SSSR 142 no. 5,1193-1196 F '62

FLAX
(see also subdivision under Tolochin District)
Study of different flax harvesting methods. L. Kliatis. Tekh. v sel'khoz. 22 no. 2:81-83 F '62.

FLAXSEED—CLEANING
Wage system for workers in flaxseed cleaning enterprises. Biul. Gos. kom. po vop truda i zar. platy no. 9:3-4 '61.

FLEAS—EXTERMINATION
Use of aerosols of DDT for control of rat fleas in living areas. V. T. Osipian, V. B. Kazhdan Voen.-med. zhur. no 8:52-55 Ag '61

FLEXURE
Flexure of sectional plates with fastened rectangular edges P G Goloskokov Trudy LIVT no. 5 46-55 '60

FLIGHT
Optimum conditions for the horizontal flight of an aircraft. V. F. Krotov. [Trudy] MVTU no 104:54-66 '61.

FLIGHT—PHYSIOLOGICAL ASPECTS
Age does not hinder flying. A. Chapek. Grazhd. av. 18 no. 11:30 N '61.

FLIGHT TRAINING
(see also subdivision under Saratov Province)
Conversation with a flier. N. S. Belov. Vest. Vozd. Fl. no. 10:37 O '61.
Instructors' skills. G. G. Semenko. Vest. Vozd. Fl. no. 10.66-68 O '61.
Party man. P. N. Tabratov. Vest. Vozd. Fl. no. 10: 25-26 O '61.

FLOATING BODIES
Practical method of designing floating breakwaters in the form of a rectangular pontoon with extra buoyancy. N. I. Viazemskaia. Trudy LIVT no. 8:42-57 '60.

FLOOD CONTROL
Conditions for the control of flood flows. S. P. Pavlov. Trudy Gidroproekta no. 4:143-165 '60.

FLOOD FORECASTING see subdivision under Azerbaijan

FLOODS
(see also subdivision under Oka River; Sukhona River; Ukraine)

Comparative analysis of the results of computing maximum flood discharges resulting from snow melt by the use of formulas proposed by G. A. Alekseev, A. V. Ogievskii and V. I. Mokliak, M. F. Gribnyi, and L. T. Fedorov. Trudy Gidroproekta no. 4:55-77 '60.

Floods in the spring of 1961 in rivers of the European part of the U. S. S. R. V. N. Popkov, A. A. Khrmalian. Meteor. i gidrol. no. 2:57-61 F '62.

FLOOR COVERINGS
(see also subdivision under Armenia)

Hygienic evaluation of work conditions in the production of linoleum, polychlorvinyl and commarone tiles. I. M. Trakhtenberg, V. V. Paustovskaia, R. S. Braverman. Gig. truda i prof. zab. 6 no. 1:53-55 Ja '62.

Vsesoiuznyi nauchno-issledovatel'skii institut novykh stroitel'nykh materialov. [Synthetic floor coverings] Sinteticheskie materialy dlia pokrytiia polov. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 155 p. (Novye stroitel'nye materialy)

FLOOR COVERINGS—TESTING
Determination of the coefficient of friction and durability in the wear of the surface layer of floor coverings. V. S. Fedeova, N. A. Dikunova. Sbor. trud. VNIINSM no. 4:95-101 '61.

FLOORS
Study of the structure formation of a binder based on coumarone indene resins and tar residues of synthetic aliphatic acids. I. A. Romanova. Sbor. trud. VNIINSM no. 4:28-40 '61.

FLORISHTY REGION—EXCAVATIONS (ARCHAEOLOGY)
Archaeological excavations at an ancient settlement near the village of Florishty in 1958. T. S. Passek. Krat. soob. Inst. arkheol. no. 84:69-82 '61.

FLORISHTY REGION—STONE AGE
Archaeological excavations at an ancient settlement near the village of Florishty in 1958. T. S. Passek. Krat. soob. Inst. arkheol. no. 84:69-82 '61.

FLORICULTURE—STUDY AND TEACHING
School flower garden. B. A. Bykov. Nach. shkola 30 no. 3:35-39 My '62.

Work of the young floriculturists. L. V. Vil'kus, I. M. Koporskaia. Biol. v shkole no. 2:63-67 Mr-Ap '62.

FLOTATION
Conditions for preparing coal pulp for flotation. V. A. Shchanov, K. D. Voronov. Koks i khim. no. 1:18-21 '62.

Conference on S. I. Pol'kin's book "Flotation of rare metal and tin ores." N. G. Klimenko, I. I. Berlinskii. Izv. vys. ucheb. zav., tsvet. met. 5 no. 1:162-163 '62.

Dressing iron ores and refreating magnetite concentrates by the ion flotation method with anion collectors. E. L. Grintan, IA. M. Turetskii. Gor. zhur. no. 12:47-50 D '61.

Effect of the conditions of pyrite formation on its flotation properties. K. E. Rykov. Izv. vys. ucheb. zav., tsvet. met. 5 no. 1:44-49 '62.

"Flotation" by V. A. Glembotskii, V. I. Klassen, I. N. Plaksin. Reviewed by G. P. Slavnin, S. B. Leonov, G. D. Pavlov. Izv. vys. ucheb. zav., tsvet. met. 5 no. 1:104 '62.

Flotation of pyrochlore from carbonatite ores. S. I. Pol'kin. TSvet. met. 35 no. 2:12-15 F '62.

Improved selectivity of the flotation separation of carbonated calcium silicate ores. L. D. Rutobyl'skaia. Khim. prom. no. 2:111-114 F '62.

Limits for the use of K. F. Belogluzov's kinetic equations of the flotation process. A. D. Pogorelyi. Izv. vys. ucheb. zav., tsvet. met. 5 no. 1:33-40 '62.

Use of radioactive isotopes in studying the reaction of flotation reagents with coals. V. I. Klassen, V. A. Nevskaia, N. S. Vlasova. Ugol' 36 no. 7:41-44 Jl '61.

Using methanol extract from the middle cut of shale tar in the flotation of coal. N. I. Zelenin and others. Khim. i tekh. gor. slan. i prod. ikh perer. no. 3:102-116 '60.

FLOTATION—EQUIPMENT AND SUPPLIES
Action of gangue depressants in xanthate flotation with hydrocarbon oils. A. K. Livshits, A. S. Kuz'kin. TSvet. met. 35 no. 2:9-11 F '62.

Quantitative determination of dixanthogen by the polarographic method. I. N. Plaksin, E. A. Shrader. Izv. vys. ucheb. zav.; tsvet. met. 5 no. 1:41-43 '62.

Testing the performance of a centrifugal skimming machine. V. T. Barishpolets. Khim. prom. no. 2:121-122 F '62.

FLOUR
Problem concerning the enrichment of flour with vitamins (from "Przegląd Zbożowo-Młynarski," no. 12 1960). M. Tartakovskii. Muk.-elev. prom. 27 no. 3:31 S '61.

FLOUR—TRANSPORTATION
Motortrucks and tractor trains for the transportation of flour. Avt. transp. 40 no. 3:52 Mr '62.

FLOUR MILLS
(see also subdivision under Irkutsk; Mongolia)

Follow up on published material. Muk.-elev. prom. 27 no. 12:27 D '61.

Investigating the loading of the supporting frame of the AVM-20M flour-mill unit. A. Demskii. Muk.-elev. prom. 27 no. 12:21-23 D '61.

Need for improving the feed mechanisms for small roller mills. G. D. Gal'perin, A. I. Peisakhovich. Izv. vys. ucheb. zav., pishch. tekh. no. 6:100-105 '61.

FLOWERING OF PLANTS see Plants, Flowering of

FLOWMETERS
Automatic continuous performance of two ball-type measuring tanks. P. P. Kremlevskii, N. F. Gonek, M. S. Pedan. Izm. tekh. no. 3:50-53 Mr '62.

Errors of flow-switching devices in flow-measuring units. V. G. Tseitlin. Izm. tekh. no. 2:55-58 F '62.

Measuring pulsating gas flow. N. F. Gonek, L. A. Kirmalov, B. I. Pilipchuk. Izm. tekh. no. 3:48-49 Mr '62.

FLOWMETERS—TESTING
Effect of temperature on the readings of differential manometers and flowmeters. S. S. Kivilis, V. E. Oleinikov. Izm. tekh. no. 3:53-55 Mr '62.

Experimental determination of the time constant of vane-tachometer converters of flowmeters. L. L. Boshniak, L. N. Byzov, B. A. Kaznacheev. Izm. tekh. no. 2:58-60 F '62.

FLUE DUST see Fly ash

FLUES—CLEANING
Suspended buckets for work in chimneys and boiler furnaces. P. V. Shchukin. Energetik 10 no. 3:19-21 Mr '62.

FLUID DYNAMICS
Bogdoev, A. G. [Three-dimensional nonstationary motions of a continuous medium with shock waves] Prostranstvennye nestatsionarnye dvizheniia sploshnoi sredy s udarnymi volnami. Erevan, Izd-vo Akad. nauk Armianskoi SSR, 1961. 274 p.

Construction of a flow diagram for an irregular slowly varying motion of a liquid. E. A. Voitekhovskaia. Izv. vys. ucheb. zav., energ. 5 no. 1:119-124 Ja '62.

Heat transfer in case of laminar flow of nonstabilized viscous fluid in a short ring channel. V. A. Gertsovskii, V. G. Fastovskii, A. E. Rovinskii. Teploenergetika 9 no. 3:68-70 Mr '62.

Heated gas flow at constant pressure. V. I. Khabarov. Izv. vys. ucheb. zav.; av. tekh. 4 no. 4:147-148 '61.

Nomograms for determining pressure loss in pipes. D. N. Kuz'michev. Trudy GrozNII no. 10:201-204 '61.

FLUID MECHANICS
Solving the differential equation of liquid fluctuations with quadratic resistances on an MN-7 electronic mathematical machine. N. A. Panchurin, E. A. Malitavko. Trudy *LIVT no. 3:9-15 '60.*

FLUIDIZATION
Determining the critical rate of the "internal" suspension of small particles of a binary or polydispersed bed of granular material. V. N. Petrov. Izv. vys. ucheb. zav., neft' i gaz 4 no. 5:79-86 '61.

Effect of the size and specific gravity of solid particles on their coefficient of heat transfer toward gas in a fluidized bed. N. I. Gel'perin, V. G. Ainshtein. Khim. i tekh. topl. i masel 7 no. 3:6-9 Mr '62.

Effective viscosity of a fluidized bed of polydispersed ferromagnetic particles in a variable magnetic field. Z. I. Nekrasov, V. V. Chekin. Izv. AN SSSR, Otd. tekh. nauk, Met. i topl. no. 1:56-59 Ja-F '62.

Gladushko, V. I. [Pyrite roasting in a fluidized bed] Obzhig kolchedana v kipiashchem sloe. Kiev, Gos. *izd-vo tekhn. lit-ry USSR, 1961. 63 p.*

Heat or mass transfer between particles and the surrounding medium flowing past the particle. E. Ruckenstein. Zhur. prikl. khim. 2:377-384 F '62.

Investigating the process of entrainment of a dust-like and fine-grain material from fluid-bed reactors. E. V. Dönat. Khim. prom. no. 2:130-135 F '62.

Pseudofluidization of a suspended magnetite layer in a magnetic field [with summary in English]. M. Filippov. Izv. AN Latv. SSR no. 1:69-73 '62.

Reduction of ilmenite concentrates in a fluidized bed. V. A. Reznichenko and others. Titan i ego splavy no. 5:60-64 '61.

FLUIDIZATION—MODELS
Methods of hydrodynamic modeling of fluidized bed processes. A. A. Rozlovskii. TSvet. met. 35 no. 2:37-40 F '62.

FLUOBERYLLATES
Lattice parameters, symmetry of crystals and main features of the structural pattern of some metafluoberyllates. L. P. Mil'kova, M. A. Porai-Koshits. Izv. AN SSSR, Ser. fiz. 26 no. 3:368-377 Mr '62.

FLUORESCENCE
Polarized fluorescence and spectral classification of complex molecules. V. P. Klochkov, B. S. Neporent. Opt. i spektr. 12 no. 2:233-238 F '62.

Relaxation of the solvent while the dissolved molecules are in an excited state, and fluorescence spectra. A. S. Cherkasov. Izv. AN SSSR, Ser. fiz. 26 no. 1:81-83 Ja '62.

Ultraviolet fluorescence excitation spectra of irradiated yeast and their brightness. N. A. Pomoshchnikova, L. S. Agroskin. Radiobiologiia 1 no. 6:838-842 '61.

FLUORESCENCE MICROSCOPY
Effect of X irradiation in vitro on ultraviolet fluorescence intensity of peripheral blood cells in the rat. G. M. Barenboim, I. IA. Barskii, R. I. Pinto. Radiobiologiia 1 no. 6:843-850 '61.

Morphogenesis and morphology of pulmonary adenomas in mice according to data from intravital fluorescence microscopy. P. E. Moroz. Vop. onk. 8 no. 1:56-63 '62.

FLUORESCENT LAMPS
Large fluorescent lamps. I. M. Vesel'nitskii. Svetotekhnika 8 no. 3:13-19 Mr '62.

New type of fluorescent lamps and their characteristics. O. L. Svetotekhnika 8 no. 3:30 Mr '62.

"Sirius," the most powerful tubular xenon lamp in the world. I. S. Marshak, V. I. Vasil'ev, A. L. Vasserman. Svetotekhnika 8 no. 3:7-13 Mr '62.

FLUORESCENT LIGHTING
Tables of unit power for light fixtures with fluorescent lamps. L. IA. Shmuilovich. Svetotekhnika 8 no. 3:22-28 Mr '62.

FLUORIDES
Formation thermodynamics of a complex fluoride anion with trivalent titanium (TiF_3^-) in fused salts. M. V. Smirnov, IU. N. Krasnov. Trudy Inst. elektrokhim. UFAN SSSR no. 1:23-28 '60.

FLUORINE
(see also subdivision under Kola Peninsula)

$\beta\gamma$-correlations in β-decay of Mn^{56} and F^{20} [with summary in English]. V. M. Lobashev, V. A. Nazarenko. Zhur. eksp. i teor. fiz. 42 no. 2:370-374 F '62.

Cyanine dyes containing fluorine. Part 10: Cyanine dyes containing fluorine in the polymethine chain. L. M. IAgupol'skii, B. E. Gruz. Zhur. ob. khim. 31 no. 12:3955-3961 D '61.

FLUORINE—ANALYSIS
Arsenazo-aluminum method for the determination of fluorine [with summary in English]. A. F. Kuteinikov, V. M. Brodskaia, G. A. Lanskoi. Zhur. anal. khim. 17 no. 1:87-89 Ja-F '62.

Ion exchange method for the separation of fluorine from rare earths in solutions containing calcium and silicon present together. D. M. Chizhikov and others. Zhur. prikl. khim. 35 no. 2:276-280 F '62.

FLUORINE—ISOTOPES
Single-particle levels in O^{17} and F^{17} nuclei on the assumption of a strong coupling of the nucleon and core with the tetrahedron symmetry [with summary in English]. Z. Mattkhiz, V. G. Neudachin, IU. F. Smirnov. Zhur. eksp. i teor. fiz. 42 no. 2:592-596 F '62.

FLUORINE—PHYSIOLOGICAL EFFECT
Use of fluorinated phosphatic cement in certain diseases of the solid dental tissues. N. F. Danilevskii, Z. M. Epel'beim. Probl. stom. 5:140-145 '60.

FLUORINE COMPOUNDS
Heterolytic transformations of polyfluorinated azo alkanes. V. A. Ginsburg and others. Dokl. AN SSSR 142 no. 2:354-357 Ja '62.

FLUORINE ORGANIC COMPOUNDS
Hudlicky, Milos. [Chemistry of organic fluoro compounds. Translated from the Czech] Khimiia organicheskikh soedinenii ftora. Pod red. A. P. Sergeeva. Moskva, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1961. 372 p.

FLUORITE see subdivision under Shamkhor Valley; Transbaikalia

FLUORITE CRYSTALS
Infrared luminescence of F-centers in X-rayed fluorite crystals. I. I. Ezhik. Opt. i spektr. 12 no. 1:92-94 Ja '62.

FLUOROMETRY
Effect of large amounts of some elements on the fluorometric determination of gallium by rhodamine C. D. P. Shcherbov, N. V. Kagarlitskaia. Zav. lab. 28 no. 1:30-33 '62.

FLUOROSCOPIC DIAGNOSIS see Diagnosis, Fluoroscopic

FLUOSILICIC ACID
Decomposition of apatite in fluosilicic acid and the preparation of monocalcium phosphate. S. IA. Shpunt and others. Khim. prom. no. 10:50-54 O '61.

FLY ASH
Grain-size distribution as one of the basic characteristics of the fly ash of thermoelectric power plants. I. A. Ivanov. Izv. vys. ucheb. zav.; stroi. i arkhit. 4 no. 6:146-154 '61.

FLYSCH see subdivision under Carpathian Mountains

FOAM

Investigating the processes of heat exchange in cyclone-frothing apparatus during the cooling of gases by liquids S. A. Bogatykh, E. A. Reut. Khim mash. no 6 21-24 N-D '61.

FOG see subdivision under Black Sea

FOLDS (GEOLOGY) see subdivision under Irtysh Valley, Siberian Platform; Sikhote-Alin' Range

FOLK ART see subdivision under Lithuania

FOLK DRAMA, UKRAINIAN

Vologhin, I. A. [Origins of the folk theater in the Ukraine] Dzherela narodnogo teatru na Ukraini Kyiv, Derzh. vyd-vo obrazotvorchogo mystetstva i muzychnoi lit-ry URSR, 1960. 225 p

FOLK LITERATURE—HISTORY AND CRITICISM

Astakhova, A. M. [Folk tales on Russian epic heroes] Narodnye skazki o bogatyriakh russkogo eposa. Moskva, Izd-vo Akad. nauk, 1962. 118 p.

FOLK MUSIC see subdivision under Armenia

FOLK POETRY

All-Union Conference on Problems of Contemporary Folk Poetry F D Tkachenko Rad lit 6 no 2 157-158 Mr-Ap '62

FOLK SONGS—HISTORY AND CRITICISM

Dunaevskii, B. O. [Song is truth; a sketch on the folk song] Pesnia - pravda, ocherk o narodnoi pesne. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1960. 112 p

FOLK SONGS, BURYAT

Riddle songs. T. M. Boldonova Kraeved. sbor. no 6 137-139 '61

FOLK SONGS, KIRGHIZ

Verse rhythm and musical metrics of folk songs and recitatives. M. Baidzhiev Izv. AN Kir. SSR. Ser. obshchestv. nauk 3 no. 1:85-93 '61.

FOLK SONGS, RUSSIAN

Realistic features of the folk song of the Razgil'deev period. L. E. Eliasov. Kraeved. sbor. no. 6,111-124 '61.

FOLKLORE see subdivision under Transbaikalia

FOLKLORE, BURYAT

Buryat folklore in I. G Pryzhov's sphere of scientific interests. M. P. Khamaganov. Kraeved. sbor no 6 140-144 '61.

FOLKLORE, WHITE RUSSIAN

White Russian folklore. E. Hutarau. Belarus' 19 no. 2: 22 F '62.

FOOD

Lomonosov on food and eating. I. Vol'per. Obshchestv pit. no. 11:52-53 N '61.

Methodology for calculating the consumption of food products N. Kuznetsova. Biul nauch inform trud i zar. plata 5 no. 1:45-50 '62.

FOOD—ANALYSIS

Device for quantitative determination of air in food products. V. V. Kosacheva Izv. vys. ucheb. zav., pishch. tekh. no. 6 141-144 '61.

Simplified method for determining the amino nitrogen in food products I G Mokhnachev, V. N Zelinskaia. Izv. vys ucheb. zav , pishch tekh. no 6 136-140 '61.

FOOD—DRYING

Designing heat supplying devices for sublimation plants. E. I. Guigo, E. I. Kaukhcheshvili. Izv. vys. ucheb. zav , pishch tekh no. 6 110-124 '61

FOOD—PRESERVATION

Food products subjected to ionizing radiation for their preservation and the problems of their hygienic value IU. I Shtilinger. Vop pit. 21 no 1 54-61 Ja-F '62.

Hygienic characteristics of some food products sterilized with gamma rays [with summary in English]. G. I Bondarev. Vop. pit 21 no. 1 61-64 Ja-F '62.

FOOD—TABLES, CALCULATIONS, ETC.—BIBLIOGRAPHY see Bibliography—Food—Tables, calculations, etc.

FOOD, CANNED—PACKAGING

Packaging canned food. A. Barmash. Mias. ind. SSSR 32 no. 6:19 '61.

FOOD, EFFECT OF RADIATION ON

Effect of gamma rays and thermal processing on the destruction of antioxidants in lard [with summary in English]. V. I. Piul'skata. Vop. pit. 21 no. 1:65-68 Ja-F '62.

FOOD FOR INVALIDS see Cookery for the sick

FOOD HABITS OF ANIMALS see Animals, Food habits of

FOOD INDUSTRY

(see also subdivision under Buryat- Mongolia, Talgar)

Khomutov, P. I., ed. [The study of food products] Tovarovedenie prodovol'stvennykh tovarov. [By] A. A. Kolesnik i dr. Moskva, Gos. izd-vo torg. lit-ry, 1961. 511 p.

FOOD INDUSTRY—ACCOUNTING

Simplify the verification of documents and accounting for foodstuffs at wholesale bases. G. Dundukov, V. Kal'kutin. Bukhg. uchet 19 no. 1:54-58 Ja '62

FOOD INDUSTRY—HYGIENIC ASPECTS

"Fundamentals of industrial hygiene and fire prevention in the food industry" by F F Malakov. Reviewed by G. Duvankov. Okhr. truda i sots. strakh. 5 no. 1:40-41 Ja '62.

FOOD INDUSTRY—MICROBIOLOGY

Efficient method for taking washings from the hands [of workers] and equipment in food establishments. A V Brem. Lab delo 8 no. 2 52-53 F '62

FOOT

Measurement of the strength of the muscles of the leg and foot. IA. D. Shokhman. Ortop., travm. i protez. no. 1,70-72 '62.

FOOT—DISEASES

Some current problems in controlling epidermophytosis of the foot IU. IA. Ashmarin. Voen.-med zhur no. 8: 42-46 Ag '61.

Treatment of patients with epidermophytosis of the foot under hospital conditions. V. M. Leshchenko. Voen.-med. zhur no. 8:69-72 Ag '61

Wooden sandals for preventing epidermophytosis. P. I. Gedoian. Voen.-med. zhur no. 8:70 Ag '61

FOOT—RADIOGRAPHY

Device for X-ray examination of the foot and the ankle joint in standard conditions V R. Kochanov Vest rent. i rad 36 no 6 43-44 N-D '61

FOOT—SURGERY

Surgical treatment of valgoid hallux varus. L. A. Pasmannik Zdrav. Bel. 7 no. 6:46-47 Je '61.

FOOT—WOUNDS AND INJURIES

Subcutaneous rupture of tendons of the posterior tibial muscle A. D. Li Vest khir. no. 2:124-126 '62

FORAGE

[Not pasturing but feeding is the answer] Ne pasti, a kormit'. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 38 p. (Osnovy ekonomiki sel'skokhoziaistvennogo proizvodstva. Popularnaia serila)
(DA)

Tiutiunnikov, A. I. [Methods for increasing the quality of forage] Priemy povyshenila kachestva kormov. Moskva, Izd-vo sel'khoz. lit-ry, 1961. 119 p.
(DA)

FORAGE PLANTS—DRYING

Conversion of SZPB-2,0 grain driers for drying green forage. A. I. Neliubov. Trakt. i sel'khozmash. 32 no 1,23-26 Ja '62.

FORAMINIFERA see subdivision under Far East; Pacific Ocean

FORAMINIFERA, FOSSIL

(see also subdivision under Alay Range; Carpathian Mountain region; Krasnodar Territory; Pshekha Valley; Russia, Northern; Siberia; White Russia)

Classification of Endothyridae and Ozawainellidae families. S. E. Rozovskaia. Paleont. zhur. no. 3:19-21 '61.

Morphic and functional analysis of the inner structure of Bradyina shell. N. P. Malakhova. Paleont. zhur. no. 3: 14-18 '61.

FORCE AND ENERGY

Experimental study of the distribution of the number of cracks in relation to the energy released during the destruction of rocks. S. D. Vinogradov. Izv. AN SSSR. Ser. geofiz. no. 2,171-180 F '62.

Mal'kovskii, G. P. [Mass and energy in modern physics] O masse i energii v sovremennoi fizike. [Kazan'] Izd-vo Kazanskogo univ., 1961. 178 p.

Relation between the energy of elastic pulses generated during the destruction of solid bodies and the stress and size of ruptures. G. A. Konstantinova. Izv. AN SSSR. Ser. geofiz. no. 2:194-198 F '62.

FORECASTING, WEATHER see Weather forecasting

FORCEPS

Removal of ballotable foreign bodies in the trachea by means of bronchoscopic forceps with an electrical grip. N. A. Mel'chinskii. Zhur. ush., nos. i gorl. bol 20 no. 6:69 N-D '60.

FOREIGN VISITORS see also subdivision 'Visitors, Foreign' under Moscow

FORENSIC PSYCHIATRY

Acute alcoholic psychoses and their forensic psychiatric significance. Kh. A. Gasanov. Probl. sud. psikh. 9: 377-379 '61.

Concerning the inadequate basis of the clinical concept of pathological intoxication. I. F. Siuchevskii. Probl. sud psikh 9 453-466 '61

Criteria for irresponsibility in Soviet legislation. IU. A. Golubev. Vop. psikh. no. 4 47-56 '60

Discrepancies in diagnostic and expert examinations as revealed by data of the V. P Serbskii Institute on repeated expert examinations D. P. Lunts and others. Probl sud. psikh 9:503-516 '61

Discussion. A. L. Leshchinskii and others. Probl. sud. psikh. 9:46-57 '61.

Discussion. N. I. Poglbko and others. Probl. sud. psikh. 9:467-493 '61.

Expert examination of the intoxicated state. L. P. Shentis. Probl sud. psikh. 9,423-430 '61

Forensic psychiatric examination in civil procedure. E. M. Kholodkovskaia Probl sud psikh. 9:26-36 '61.

Forensic psychiatric examination in the clinical aspects of alcoholic diseases. V. E. Rozhnov. Probl sud psikh. 9,308-323 '61

Forensic psychiatric examination of persons with chronic alcoholism. I. K. [Anusheveskii. Probl. sud. psikh 9: 370-376 '61

Incompetence of mental patients and its relation to problems of irresponsibility. N. E. Isaevich Probl. sud psikh. 9:37-45 '61

Intermittent prolonged psychogenic stuporous states. Sh. A Gamkrelidze. Probl. sud psikh 9:101-107 '61.

Necessity of reorganizing the expert examination of alcoholic intoxication and of introducing the quantitative determination of alcohol in the blood E. IU. Kaiu Probl sud. psikh. 9:408-412 '61.

Problem of responsibility in crimes conditioned by situational psychogenias. A. L. Epshtein. Probl. sud. psikh. 9:281-290 '61

Resolution of the conference. Probl. sud. psikh. 9: 531-533 '61.

Retrograde amnesia in psychogenic reactions and its significance in forensic psychiatry S. M. Ilishita. Probl. sud. psikh 9:157-160 '61

Some problems arising during the practical application of compulsory treatment. P. V. Blinov. Probl. sud. psikh 9:85-92 '61.

Status and some prospects for the further development of forensic psychiatry. G. V. Morozov. Probl. sud psikh. 9:5-25 '61

Summary [of conference proceedings by the presiding officer]. A. V. Snezhnevskii Probl. sud. psikh. 9: 517-530 '61

FORENSIC PSYCHOLOGY see Psychology, Forensic

FOREST ECOLOGY

Effect of the root competition of trees on the assimilating activity of taiga grasses in spruce forests. V. G. Karpov. Dokl AN SSSR 140 no. 5:1205-1208 O '61.

Flora of the pine forests of Luga District, Leningrad Province [with summary in English]. N. A. Miniaev. Vest. LGU 17 no. 3,5-16 '62.

FOREST FIRES

Mozhul', V. G. [Safety measures and fire extinction in lumbering camps] Tekhnika bezopasnosti i protivopozharnaia tekhnika na lesozagotovkakh. 1961. 251 p.
(DA)

FOREST INFLUENCES

Effect of adult trees on the anatomical structure of the leaves of English oak seedlings in arid steppe plantations. K. I. Levitskaia. Bot. zhur. 46 no. 11:1678-1685 N '61.

Effect of forest belts on winds and turbulent exchange in the atmosphere. A. R. Konstantinov, P. A. Voronteev. Trudy UkrNIGMI no. 26,99-110 '61.

Effect of various forest plantations on soil. M. A. Vinokurov, E. I. Ivanova, N. A. Mironov. Pochvy IUzh. Urala i Povol. no. 4:87-99 '60.

FOREST MANAGEMENT

(see also subdivision under Latvia; Voronezh Province)

Ways for further improvement of forest management. I. M. Naumenko. Nauch. zap. VLTI 23:3-13 '61.

FOREST PRODUCTS

"Forest products and lumberyard management" by L. A. Komol'tsev. Reviewed by E. I. Lopukhov. Les. prom. 39 no. 12:3 of cover D '61

FOREST PROTECTION see subdivision under Moldavia

FOREST ROADS

Roads are of prime importance. S. Shalaev. Les. prom. 40 no. 1:25-26 Ja '62.

FOREST SOILS

(see also subdivision under Bashkiria)

Forest soils and forest typology. M. A. Vinokurov, P. V. Grishin. Pochvy IUzh. Urala i Povol. no. 4:81-89 '60.

Forest soils of southern Moldavia in connection with forest protection and regeneration. I. A. Krupenikov. Okhr. prir. Mold. no 1:70-76 '60.

FORESTRY RESEARCH

For advancement of Soviet forestry research. A. Pitnenov. Les. prom. 40 no. 1:9-10 Ja '62.

FORESTRY SCHOOLS AND EDUCATION see subdivision under Sverdlovsk

FORESTS AND FORESTRY
(see also subdivision under Amur Province; Uchur Valley; Veshenskaya District; Voronezh Province)
Forest soils and forest typology. M. A. Vinokurov, P. V. Gulbin. Pochvy IUzh Urala i Povol no. 1:61-66 '60.
[Our beacons; collection of articles on progressive workers in lumber, paper, woodworking industries and forestry] Nashi maiaki, sbornik ocherkov o peredovykh liudiakh lesnoi, bumazhnoi i derevoobrabatyvaiushchei promyshlennosti i lesnogo khoziaistva. Moskva, Goslesbumizdat, 1961. 125 p
Several sketches on an old forester. P. Daletskii. Neva no 9:160-172 '61

FORESTS AND FORESTRY—EQUIPMENT AND SUPPLIES
[Repair of lumbering and forestry machinery] Remont lesozagotovitel'nykh i lesokhoziaistvennykh mashin. [By] D. D. Erakhtin i dr. Moskva, Goslesbumizdat, 1961. 430 p.
(DA)

FORGE SHOPS
Blaikovskaia, V. S. [Main directions of specialization in forging] Osnovnye napravleniia spetsializatsii kuznechnogo proizvodstva. Moskva, Mashgiz, 1961. 108 p.
Developing mechanization and automation in forge shops. V. S. Blaikovskaia. Nauch. trudy MIEI no. 18:117-124 '61

FORGE SHOPS—PRODUCTION CONTROL
Industrial planning in metallurgical plant forge shops. I. U. Moshkovich, Kh. P. Zaitsev, A. A. Spasov. Kuz.-shtam. proizv. 4 no. 2:31-32 F '62

FORGING
(see also subdivision under Kazakhstan)
Calculating the heating of ingots and blanks for forging and their cooling during the forging. N. M. Zolotukhin. Konstr. i tekh. mash. no. 1:182-202 '61.
Cold bilateral upsetting of traction chain rollers. V. M. Miachkov. Kuz.-shtam. proizv. 4 no. 2:13-15 F '62.
Drop in the resistance of metal to deformation in forging large ingots. N. M. Zolotukhin, V. N. Kuz'minteev. Konstr. i tekh. mash. no. 1:203-207 '61.
Effect of flash thickness on the productivity and wear of roller dies. N. A. Noga. Kuz.-shtam. proizv. 4 no. 2:18-20 F '62.
Flow of metal caused by pressing. Ш. F. Chernyi. Konstr. i tekh. mash. no. 1:216-227 '61.
Investigating the speed and acceleration of the flow of metals. Ш. F. Chernyi. Konstr. i tekh. mash. no. 1: 217-217 '61.
Pressing low-plasticity alloys. L. V. Prozorov, Ш. F. Chernyi. Konstr. i tekh. mash. no. 1:208-211 '61.
"Upsetting and stamping" by I. Billigmann. Translated from the German. Reviewed by I. S. Volkov. Avt. prom. 28 no. 1:47 Ja '62.

FORGING—BIBLIOGRAPHY see Bibliography—Forging

FORGING—DEFECTS
Causes for the appearance of internal cracks in E1461 steel forgings. V. I. Moshkov. Kuz.-shtam. proizv. 4 no. 2:15-16 F '62.

FORGING—HYGIENIC ASPECTS
Measures on labor protection in the forge shop of the Likhachev Automobile Plant. Sh. I. Shuv. Kuz.-shtam. proizv. 4 no. 2:33 F '62.

FORGING—MODELS
Applying the method of hydrodynamic analogies to the theory of the press working of metals. A. A. Pozdeev, V. I. Tarnovskii. Izv. vys. ucheb. zav. ,chern. met. 5 no 1:99-100 '62.
Certain conditions of heat transfer in forgings during hot deformation. E. N. Moshnin. Kuz.-shtam. proizv. 4 no. 2:10-12 F '62.

FORGING MACHINERY
(see also subdivision under France)
The AB-120 automatic two-stroke cold-upsetting machine with a one-piece die. N. G. Zubok, F. P. Rabinovich. Mashinostroenie no 1 36-37 Ja-F '62.
Automatic forging die with a revolving punch head for hot forging. S. S. Sannikov, V. F. Kovalenko. Kuz.-shtam. proizv. 4 no. 2:34-37 F '62.
Automatic machinery enters workshops. V. Mikhailova. Okhr. truda i sots. strakh. 5 no 2:34-35 F '62.
Meshcheriia, V. T., and D. V. Charnko. [Technology of manufacturing forging and sheet metal working equipment] Tekhnologiia proizvodstva kuznechno-shtampovochnogo oborudovaniia i shtampovoi osnastki. Moskva, Mashgiz, 1961. 375 p.

FORGING MACHINERY—BIBLIOGRAPHY see Bibliography—Forging machinery

FORK LIFT TRUCKS
Automatic welding under flux of container lids. I. N. Egorov. Svar. proizv. no. 3:34-35 Mr '62.

FORM, MUSICAL see Musical form

FORMALDEHYDE
Improving the formaldehyde method for determining total nitrogen. I. M. Buznik. Voen.-med. zhur. no 8:50-52 Ag '61
Quinoline bases of coal tar as a source of raw materials for the production of monomers. Report No. 1: Carrying out the reaction of condensation of quinaldine with formaldehyde directly in a narrow fraction of quinoline bases. Z. IU. Kokoshko and others. Plast. massy no 2:51-54 '62.
Reaction of aqueous formaldehyde with phosphine and 1, 1, 2, 2-tetrafluoroethylphosphine. Kh. R. Raver, A. B. Bruker, L. Z. Soborovskii. Zhur. ob. khim. 32 no. 2: 588-590 F '62.
Separate determination of small amounts of ethylene oxide, formaldehyde, and acetaldehyde in mixed aqueous solutions. S. M. Samoilov, V. N. Andievskii, I. L. Kotliarevskii. Izv. AN SSSR. Otd. khim. nauk no. 2 201-208 F '62.

FORMALISM (RUSSIAN LITERATURE)
Myths and facts on "formalism." V. Nazarenko. Neva no. 11:103-103 '61.

FORMAMIDE
Activity coefficients of cesium chloride in N-methylformamide. Ш. M. Povarov and others. Dokl. AN SSSR 142 no 5:1120-1129 F '62

FORMIC ACID
Reactivity of Δ^5-3- and Δ-2-p-menthenes to maleic anhydride and allocinnamoxylic ester in comparison with their capacity to autoxidation. K. A. Pecherskaia, R. I. Belinkova. Zhidkofaz. okis. neprs. org. soed no. 1:145-150 '61.

FORMS (MATHEMATICS)
Irreducible disjunctive normal forms for certain classes of functions in algebra of logic. IU. L. Vasil'ev. Dokl. AN SSSR 142 no. 2 263-265 Ja '62

FORNALSKA, MARCJANNA
"Recollections of a mother" by Marcjanna Fornalska. Reviewed by M. Vasil'ev. Sem'ia i shkola 17 no 1 44-45 Ja '62.

FORRESTER, MAUREEN
Maureen Forrester. Natalia Rozhdestvenskaia. Sov. muz. 26 no. 2:105 F '62.

FORSTER, GEORG, 1754-1794
Philosophical theories of Georg Forster, a German philosopher of the 18th century. A. M. Deborin. Nauch. dokl. vys. shkoly: filos. nauki 5 no. 1:95-106 '62

FORSTERITE see subdivision under Kola Peninsula

FORTIFICATION
Ivanov, P. S., I. D. Poverin, and M. I. Esin. [Fortification installations for firing positions] Fortifikatsionnoe oborudovanie ognevykh pozitsii. Moskva, Voen. izd-vo M-va oborony SSSR, 1961. 118 p. (Biblioteka serzhanta)

FORTIFICATIONS, OLD see subdivision under Bratsk; Novogrudok; Uzbekistan

FOULING OF SHIP BOTTOMS
(see also subdivision under Kola Gulf)
Free passengers. B. Logvinenko, A. Tambiev. Nauka i zhizn' 28 no. 12:30 D '61.

FOUNDATIONS
(see also subdivision under Ukraine)
Features of a method of measuring the settlement of buildings and structures on settling soils. P. I. Brait. [Trudy] NIIOSP no. 16, 73-79 '61.
Florin, V. A. [Principles of soil mechanics] Osnovy mekhaniki gruntov. Leningrad, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam,
Vol. 2. [Deformation and stability of the foundations of buildings] Deformatsiia i ustoichivost' osnovanii sooruzhenii. 1961. 543 p.
Laying of shallow foundations in clayey soil. A. N. Tokin. Izv. vys. ucheb. zav. ;stroi. i arkhit. 4 no. 6:172-173 '61.
Results obtained in experimental determination of chemical parameters of filled earth foundations. F. Kadiss. Izv. AN Latv. SSR no. 12:41-46 '61.
Settlement of structures on settling soils compacted below the surface. V. G. Galitskii. [Trudy] NIIOSP no. 46, 54-72 '61.

v stroitel'stve; materialy. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 230 p.
Study of the effect of the plane shape and dimensions of foundations on the extent of settlement. IU. M. Abelev. [Trudy] NIIOSP no. 46:5-19 '61.
Swelling Khvalynian clays as foundations for structures. E. A. Sorochan. [Trudy] NIIOSP no. 46 92-110 '61.

FOUNDING
(see also subdivision under India; United States)
"Accuracy in founding"; book review by P. P. Berg. Lit. proizv. no. 2:48-3 of cover F '62.
Automatization of the pouring process. G. M. Orlov, V. K. Serganov. Lit. proizv. no 2 23-25 F '62
Dodin, IA. L., L. M. Marienbakh, and L. O. Sokolovskii. [New developments in foundry techniques] Novoe v tekhnike liteinogo proizvodstva. Pod red. L. M. Marienbakha. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1961. 231 p. (Novaia tekhnika i peredovye metody truda)
Effect of a rotating magnetic field on a boiling layer containing ferromagnetic particles [with summary in English] Z. I. Nekrasov and others. Dop. AN URSR no 1 12-14 '62.
[Foundryman's handbook] Spravochnaia knizhka liteishchika. Moskva, Mashgiz, 1961. 199 p
Fridliander, I. N., and M. B. Al'tman, eds. [Aluminum foundry alloys (properties, technology and melting, casting and heat treatment)] Liteinye aliuminevye splavy (svoistva, tekhnologiia plavki, lit'ia i termicheskoi obrabotki), sbornik statei. Moskva, Gos. nauchno-tekhn. izd-vo Oborongiz, 1961. 202 p.
Liquation of nonmetallic inclusions in centrifugally cast tractor liners. P. P. Luzan, A. I. Shevchenko. Mashinostroenie no 1 53-55 Ja-F '62
Multipurpose cast specimen. S. I. Gladkii, IU. A. Shul'te. Mashinostroenie no 1 56-57 Ja-F '62
Oreshkin, V. D. [Principles of founding] Osnovy liteinogo proizvodstva. Izd. 2. Moskva, Mashgiz, 1961. 326 p
Physical principles of casting in a rotating magnetic field. M. I. Kurbatov. Lit. proizv. no 2:30-32 F '62
Uralvagonzavod, Nizhniy Tagil. [Improving the technology of founding] Sovershenstvovanie tekhnologii liteinogo proizvodstva. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 138 p

FOUNDING—ACCOUNTING
"Economic aspects of founding" by IA. A. Gol'bin. Reviewed by A. A. Vilkov. Lit. proizv. no 2, 47-48 F '62.

FOUNDING—COSTS
Improving methods of determining founding costs. E. N. Likhachev, Kh. P. Zaitsev, I. E. Moshkevich. Lit. proizv. no. 2:9-12 F '62

FOUNDING—EQUIPMENT AND SUPPLIES
Unit for a hydraulic cleaning of castings. V. M. Mednikov, L. S. Plevskii. Mashinostroitel' no 2:18-19 F '62

FOUNDING—HYGIENIC ASPECTS see subdivision under Moscow Provice

FOUNDING—PRODUCTION STANDARDS
Norms for founding work. A. Khaitonova, B. IUsufovich. Biul. nauch. inform. i trud i zar. plata 5 no 2:22-27 '62.

FOUNDING—SAFETY MEASURES
Modernizing foundry machinery. M. Beterev. Okhr. truda i sots. strakh. 5 no. 1, 29-30 Ja '62.

FOUNDING—TERMINOLOGY
Terminology of foundry practice. L. M. Baryshevskii, E. V. Fil'. Lit. proizv. no. 2:41-42 F '62.

FOUNDRIES
Pavliutkin, S. P. [Organization and planning in foundries] Organizatsiia i planirovanie v liteinykh tsekhakh. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1962. 232 p.
Trends in the design of central regional foundries. S. E. Kharagorgiev, I. D. Shparaga. Mashinostroenie no 1 43-50 Ja-F '62

FOUNDRIES—EQUIPMENT AND SUPPLIES
Automatic machine for manufacturing molding hooks. P. M. Khalin. Mashinostroenie no 1 109 Ja-F '62.
Foundries will be transformed. I. Bol'shakov. Izobr. i rats. no. 3-4 Mr '62.
Gas-fired tilting furnaces. S. I. TSukerman, B. D. Melamed. Lit. proizv. no 2:40-41 F '62
[Instructions on safety measures in the storage of the working supplies of a foundry department] Instruktsiia po tekhnike bezopasnosti dlia rabochego shikhtovogo sklada liteinogo tseikha. [Moskva] Mashgiz, 1960. 14 p.
Mechanization level indices in founding. N. K. Lopyrev. Lit. proizv. no. 2:42 F '62.
Operation and repair of die casting machines. M. D. Belostotskii. Lit. proizv. no. 2:37-39 F '62.
Over-all mechanization and automatization of foundries specialized in shell molding. K. L. Shcherbakov. Lit. proizv. no. 2:17-19 F '62.

FOUNDRY SAND see Sand, Foundry

FOURIER SERIES
Determining the true contour of spectral distribution from the observed one using Fourier series. B. N. Grechushnikov. Opt. i spektr. 12 no. 1:135-136 Ja '62.

FRACTIONAL DISTILLATION see Distillation, Fractional

FRACTURES
(see also subdivision under Russia, Northern)
Immediate and late results in the treatment of open intra-articular injuries of the extremities. M. N. Farshatov, IU. I. Glebov. Vest. khir. no. 2 74-78 '62.

FRACTURES (Continued)

Morphology of calluses in experimental fractures at different periods following general roentgen irradiation F. M. Golub, A. I. Britun. Med. zhur. Uzb. no. 12 53-55 D '61.

Operative treatment of ununited fractures and false joints R. IA. IAkubov. Med. zhur. Uzb. no. 11 33-35 N '61.

FRANCE—AUTOMOBILE INDUSTRY

Using motion pictures for studying the expenditure of working time at the Renault Plants, France. P. Orlov. Biul. nauch. inform. trud i zar. plata. 5 no. 1 73-75 '62.

FRANCE—CATHOLIC CHURCH

"The advance or decline of French catholicism?" [in French] by G. Mury. Reviewed by S. A. Efirov. Vop. filos. 15 no. 3 166-170 '62.

FRANCE—COAL MINERS

The seventy sixth. E. Cheporov. Sov. foto. 22 no. 3 18 Mr '62.

FRANCE—COAL PREPARATION PLANTS—EQUIPMENT AND SUPPLIES

Mechanized coal preparation in France. L. Pozzetto. Chog. i bril. ugl. no. 17 87-101 '61.

FRANCE—COLONIES—AFRICA see Africa—French Colonies

FRANCE—COMMUNIST PARTY

Unity of will and action. Part. zhizn' no. 6 69 Mr '62.

FRANCE—DESCRIPTION AND TRAVEL

Meetings in France. A. Zhitomirskii. Iskusstvo. 25 no. 1 48-52 '62.

FRANCE—FOREIGN ECONOMIC RELATIONS—TURKEY

Expansion of French imperialism in Turkey, 1918-1922. D. M. Filipenko. Ukr. ist. zhur. 6 no. 1 74-83 Ja-F '62.

FRANCE—FOREIGN RELATIONS

Foreign policy of the Fifth Republic. Georges Cogniot. Mezhdunar. zhizn' 9 no. 3 35-46 Mr '62.

Molchanov, N. N. [Foreign policy of the French Fifth Republic.] Vneshniaia politika Frantsii, Piataia respublika. Moskva, Izd-vo In-ta mezhdunarodnykh otnoshenii, 1961. 118 p. (Vneshniaia politika, mezhdunarodnye otnosheniia)

FRANCE—FOREIGN RELATIONS—ALGERIA

France and Algeria. Nov. vrem. 20 no. 11:2-3 Mr '62.

FRANCE—FORGING MACHINERY

At the French Industrial Exhibition in Moscow in 1961. G. N. Mekhed. Biul. tekh.-ekon. inform. no. 1:92-96 '62.

FRANCE—GEOLOGY, STRATIGRAPHIC

Triassic sediments in France; conference on the Triassic in France and adjacent countries. V. I. Slavin. Sov. geol. 4 no. 12:148-151 D '61.

FRANCE—HISTORY—SOURCES

Documents on the history of France of the middle of the 16th century. Sred. veka. no. 19 282-329 '61.

FRANCE—HOUSING

Housing problem in France. A. Mogilevskaia. Mir. ekon. i mezhdunar. otn. no. 3:114-115 Mr '62.

Workers' housing in France. V. Saprykov. Otv. na vop. trud. no. 3:48-52 Ag '61.

FRANCE—LOOMS

Loom with a new system of automatic bobbin feed from the box. A. S. Manukhin. Tekst. prom. 22 no. 1:84-85 Ja '62.

FRANCE—MANUSCRIPTS

Some problems concerning the production of manuscript books in France during the 13th-15th centuries [with summary in French]. V. L. Romanova. Sred. veka. no. 19 80-107 '61.

FRANCE—MOTION-PICTURE PLAYS

The difficulty is to produce the best films as possible for the greatest number of viewers. René Clair. Isk. kino. no. 2:172-173 F '62.

FRANCE—MOTION PICTURES IN INDUSTRY

Using motion pictures for studying the expenditure of working time at the Renault Plants, France. P. Orlov. Biul. nauch. inform.: trud i zar. plata. 5 no. 1 73-75 '62.

FRANCE—NEUROLOGY

Some scientific studies carried out in neurophysiological laboratories in France. Fiziol. zhur. 48 no. 1:111-114 Ja '62.

FRANCE—PAINTERS

Unemployed painter. I. Kobzev. Kul't.-pros. rab. 23 no. 1:49 Ja '62.

FRANCE—POLITICS AND GOVERNMENT

Black web. Ukraina no. 5:3 Mr '62.

Blood on the Place de Bastille. Ogonek 40 no. 8:26-27 F '62.

The French Estates General of 1614-1615 and their significance [with summary in French]. K. Alson. Sred. veka no. 19:160-184 '61.

"Patrice Lumumba" from a Paris suburb. A. Krivopalov. Smena 39 no. 1 19-21 Ja '62.

The Resistance Movement and the problem of the postwar political system in France [with summary in English, p. 198]. L. M. Vidiasova. Nov. i noveish. ist. no. 1:99-111 '62.

FRANCE—RELATIONS (GENERAL) WITH RUSSIA

Meetings in France. A. Zhitomirskii. Iskusstvo. 25 no. 1 48-52 '62.

FRANCE—REVOLUTIONS

"Movement of the 'possessed'" by IA. M. Zakher. Reviewed by V. S. Alekseev-Popov, S. L. Sytin. Nov. i noveish. ist. no. 1:158-160 '62.

FRANCE—SKIS AND SKIING

Preseasonal training of French mountain skiers for the 8th Olympics. E. IA. Mikhailova, M. A. Nagornaia. Teor. i prak. fiz. kul't. 24 no. 8 609-611 '61.

FRANCE—SOCIALIST PARTY

Political struggle in the French socialist movement relating to the "Millerand case." F. A. Fedorova. Uch. zap. Mosk. gor. ped. inst. 93:217-277 '59.

Struggle of German and French socialists against militarism and military provocations in the 1880's. IU. M. Grigor'ev. Vop. ist. no. 3:183-184 Mr '62.

FRANCE—STRIKES AND LOCKOUTS

General strike of French workers in June 1936. V. S. Boitsov. Uch. zap. Mosk. gor. ped. inst. 93 83-135 '59.

FRANCE—TEXTILE MACHINERY

Textile machinery at the French Exhibition in Moscow. A. S. Manukhin. Tekst. prom. 21 no. 12:86-88 D '61.

FRANCE—TOLL ROADS

Toll highway in the south of France. V. F. Babkov. Avt. dor. 25 no. 2:27-29 F '62.

FRANCE—WARS OF THE HUGUENOTS, 1562-1598

Akademiia nauk SSSR, Institut istorii, Leningradskoe otdelenie. [Source materials concerning French civil wars in 1561-1563.] Dokumenty po istorii grazhdanskikh voin vo Frantsii, 1561-1563 gg. Moskva, Izd-vo Akad. nauk SSSR, 1962. 361 p.

FRANCE—WELDING—EQUIPMENT AND SUPPLIES

At the French Industrial Exhibition in Moscow in 1961. G. N. Mekhed. Biul. tekh.-ekon. inform. no. 1:92-96 '62.

FRANCE—WORLD WAR, 1939-1945

Failure to explain the reasons of French defeat in 1940. V. P. Smirnov. Vop. ist. no. 3:167-168 Mr '62.

FRANCE—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS

"Military and civil organization"; history of a resistance group from 1940 to 1946 [in French] by A. Calmette. Reviewed by V. S. Nov. i noveish. ist. no. 1:160-163 '62.

The Resistance Movement and the problem of the postwar political system in France [with summary in English, p. 198]. L. M. Vidiasova. Nov. i noveish. ist. no. 1:99-111 '62.

FRANCHISE see Elections

FRANCO-RUSSIAN ALLIANCE

Boykin, V. I. [History of the origin of the First World War; Franco-Russian relations in 1912-1914] Iz istorii vozniknovenia pervoi mirovoi voiny; otnoshenia Rossii i Frantsii v 1912-1914 gg. [Moskva] Izd-vo Mosk. univ., 1961. 206 p.

FRANKFURT AM MAIN—CHEMICAL APPARATUS—EXHIBITIONS

Thirteenth Exhibition of ACHEMA Chemical Apparatus. L. A. Kostandov, B. D. Mel'nik. Khim. prom. no. 10: 68-77 O '61.

FRANKO, IVAN, 1856-1916

Ivan Franko's pen names. M. Nazarevs'kyi. Ukraina no. 3:17 F '62.

FRANZ JOSEF LAND—ALBEDO

Basic features of the radiation regime of glaciers on Franz Josef Land. V. A. Murkin. Meteor. i gidrol. no. 2:23-27 F '62.

FREEZE-DRYING

Freeze-drying pure cultures of nodule bacteria. M. I. Goriaev, Z. S. Seitov, Z. M. IAkovleva. Vest. AN Kazakh. SSR 18 no. 1:107 Ja '62.

Vitamin B1 content of pike perch meat dried by the sublimation method. E. S. Tkachenko. Ryb. khoz. 38 no. 2:72-73 '62.

FREEZING POINTS OF SOLUTION see Cryoscopy

FREEZING PROCESS (CIVIL ENGINEERING) see Soil freezing

FREIGHT AND FREIGHTAGE
(see also subdivision under Kazakhstan)

Improve the transportation of export and import cargoes. Mor. flot 22 no. 3:1-3 Mr '62.

Navigation season (annual) charter and its functions. B. Riabinskii. Mor. flot 22 no. 3:13-14 Mr '62.

FREIGHT AND FREIGHTAGE—CLAIMS

Answering our readers' questions. Sov. iust. no. 3:24 F '62.

FREIGHTERS

Approximation method for the evaluation of modernization variants of power-propelled cargo carriers for inland navigation. B. A. Pakhomov. Trudy LIVT no. 5 35-47 '60.

FRENCH LANGUAGE—DICTIONARIES—RUSSIAN

Chaadaev, N. A., V. N. Isaev, and V. A. Monakhov, comps. [Concise French-Russian dictionary of naval terms.] Kratkii frantsuzsko-russkii voenno-morskoi slovar'. Pod red. A. S. Bondarenko. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 344 p.

FRENCH LANGUAGE—STUDY AND TEACHING

TSetlin, V. S. [Methods of teaching French grammar in the secondary school] Metodika obucheniia grammaticheskim navykam frantsuzskogo iazyka v srednei shkole, osnovnye voprosy. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1961. 265 p.

FRENCH LANGUAGE—TERMS AND PHRASES

"Conceptual field of beauty in modern French" by O. Duchacek. Reviewed by V. A. Zvegintsev, A. I. Kuznetsova. Vest. Mosk. un. Ser. 7 Filol., zhur. 17 no. 1:89-93 Ja-F '62.

FRENCH LITERATURE—HISTORY AND CRITICISM

Shkunaeva, I. D. [Contemporary French literature] Sovremennaia frantsuzskaia literatura, ocherki. Moskva, Izd-vo IMO, 1961. 332 p.

FREQUENCY CHANGERS

Analysis of two-stage parametric frequency converters. M. F. Movshovich. Radiotekhnika. 17 no. 3 26-36 Mr '62.

Concerning a certain method for the analysis of harmonic frequency dividers. I. Kh. Rizkin. Radiotekhnika. 17 no. 3 78-80 Mr '62.

Ionic frequency converter for converting 300 kw. power to 1000 c.p.s. A. V. Bamuner, A. V. Rubchinskii, A. E. Slukhotskii. Vest. elektroprom. 33 no. 2:30-33 F '62.

FREQUENCY MEASUREMENTS

Measuring a nonmutual phase shift in a rectangular ferrite wave guide. A. S. Elizarov. Izm. tekh. no. 2:48-53 F '62.

Method which is free of mismatch errors for measuring the weakening of attenuators. B. E. Rabinovich. Izm. tekh. no. 3:44-47 Mr '62.

FREQUENCY MULTIPLIERS

Design of a multistage frequency multiplier. M. E. Zhabotinskii, IU. L. Sverdlov. Radiotekhnika. 17 no. 2:31-41 F '62.

FREQUENCY REGULATION

Frequency stabilization of a reflex klystron using an additional cavity. G. M. Utkin, A. V. Khrunov. Radiotekh. i elektron. 7 no. 3 448-459 Mr '62.

Method for designing four-terminal variable equalizers. O. F. Kosminskii. Elektrosviaz' 16 no. 2:45-50 F '62.

Svetlov, P. V., and V. I. Nilov. [Methods for quartz crystal stabilization of a frequency band] Metody kvartsevoi stabilizatsii v diapazone chastot. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1961. 225 p.

FRESHWATER FAUNA see subdivision under Dnieper Valley; Dniester River

FRICTION

Friction losses in rolling guides. Z. M. Levina, N. I. Kalnykov. Stan. i instr. 33 no. 1:15-17 Ja '62.

Heating and melting of a solid due to friction. L. I. Rubinshtein. Dokl. AN SSSR. 142 no. 5:1061-1064 F '62.

Internal friction in an ordered iron-nickel alloy. F. N. Dunaev, G. P. IAkovlev. Izv. AN SSSR. Ser. fiz. 26 no. 2:201-207 F '62.

Magnetic diffusion effect in an iron-nickel alloy studied by the internal friction method. I. B. Kekalo, B. G. Livshits. Izv. AN SSSR. Ser. fiz. 26 no. 2:279-283 F '62.

Resistance to wear of the surface layer under conditions of alternating shearing deformations in the case of sliding friction. V. D. Evdokimov. Dokl. AN SSSR 143 no. 4:84-86 Mr '62.

Two-term friction law. I. V. Kragel'skii. Dokl. AN SSSR 140 no. 5:1048-1050 O '61.

FRICTION CLUTCHES see Clutches (Machinery)

FRICTIONAL RESISTANCE (HYDRODYNAMICS)

Experimental determination of the coefficients of resistance of steel cables surrounded by a flow moving in the direction of the axis of the cable. M. N. Aleksandrov. Trudy LKI no. 32:15-18 '60.

FROGS

Neurohypophysis and adenohypophysis in the late period of the larval development of the frog [with summary in English]. A. A. Voitkevich. Arkh. anat. gist. i embr. 42 no. 2:69-82 F '62.

FROST RESISTANCE OF PLANTS see Plants—Frost resistance

FROZEN GROUND
(see also subdivision under Igarka region, Krasnoyarsk Territory; Ireleekh Valley, Khal'mer-Yu region; Russia, Northern, Tunara Valley)

Composition and structure of frozen Quaternary sediments in the Vorkuta region T. N. Zheatkova Trudy Inst. merzl AN SSSR 17:17-24 '61

Formation of the structure of permanently frozen layers within the limits of the seasonally frozen layer E. G. Katasonova Trudy Inst merzl AN SSSR 17 25-33 '61

Permafrost study, the science of frozen ground. I. A. Nekrasov. Priroda 51 no 2:19-26 F '62

Traces of the existence of permanently frozen layers of rock within the European part of the U S S R outside the area of their present distribution N B. Novosel'skaia. Trudy Inst. merzl AN SSSR 17 78-93 '61

Winter erection of embankments of clayey soil treated with artificial salting. S. B. Ukhov. Gidr. stroi 32 no. 12:27-29 D '61.

FRUIT

Hygienic evaluation of fruits from plants treated with derivatives of dithiocarbamic acid [with summary in English]. A G. Khmaladze, P. I Kapanadze, O K Rizhamadze Vop. pit 21 no. 1 74-77 Ja-F '62

Oscillographic investigation of the parameters of electric plasmolysis of fruits and berries. B L Flaumenbaum, M IU. Kazandzhii, F I Kogan Izv vys. ucheb. zav., pishch. tekh. no 6 79-81 '61.

FRUIT—DISEASES AND PESTS
(see also subdivision under Kuba District)

Economic evaluation of measures for protecting orchards against fruit moths and scab. S. G. Abdullaev, T. D Zakhariapina Trudy AzSTAZRa 1 81-88 '60.

FRUIT CULTURE see subdivision under Dubno District; Moldavia

FRUIT JUICES

Effect of electrification of fruits on the fermenting activity of polyphenoloxidases S. I IAnkov Izv vys ucheb. zav., pishch tekh no. 6 55-57 '61.

FRUIT TREES—DISEASES AND PESTS

Materials concerning the injurious insects of fruit trees of the Western Ukraine. V I Zdun Nauk zap Nauk - prykrad. muz. AN URSR 9:45-51 '61.

FRUIT TREES—FROST RESISTANCE see subdivision under Kzyl-Orda

FRUNZE—BALLET

Successes of a Kirghiz theater. V. Vlasov Sov. muz. 26 no. 2:55-59 F '62.

FRUNZE—OPERA

Successes of a Kirghiz theater. V. Vlasov. Sov. muz. 26 no. 2:55-59 F '62.

FRUNZE—THEATER

"Face to face." S. Dunina. Teatr 23 no 2:90-92 F '62.

Soviet reality on the stage of the Kirghiz State Theater of the Drama. B. Dzhumabaev. Izv AN Kir. SSR Ser. obshchestv. nauk 3 no. 1:53-66 '61.

FUEL
(see also subdivision under Kazakhstan)

Dellagin, G. N., and B. V. Kantorovich. [Mass transfer in the combustion of fuel in fluid flow. Conference on Heat and Mass Transfer, Minsk, January 23-27, 1961] Massoobmen v protsesse gorenila topliva v potoke; soveshchanie po teplo-i massoobmenu, g. Minsk, 23-27 ianvaria 1961 g. [Minsk, 1961] 20 p. [MICROFILM]

Effect of the disproportionation of composition and of the increase in the yield of volatile products in fuel pyrolysis at high heating rates. Z. F. Chukhanov, A. P Kashurichev, IA. A. Stonans Dokl. AN SSSR 143 no 1 162-165 Mr '62.

Inexpensive fuel for public food service enterprises. N. Malcev. Obshchestv. pit. no. 11:30-30 N '61.

New additives to fuels and oils (survey). IA. B. Chertkov Khim. i tekh. topl. i masel 7 no 3:64-66 Mr '62.

Review of G. A. Chilaev's book "Fuel economy and fuel supply systems of large foreign electric power plants." V. G. Zelikman. Energetik 10 no. 3:36-36 Mr '62.

FUEL PUMPS

Selecting an efficient design of the gasoline booster pump for motor vehicles. N. N. Glilin, K. P. Kalugin. Avt. prom. 28 no. 1:21-23 Ja '62.

FUEL PUMPS—MAINTENANCE AND REPAIR

Two proposals on the repair of fuel pumps. A. A. Chasovalkov. Elek. i tepl. tiaga 6 no. 2:20 F '62.

FUMARIC ACID

Aromatic hydrocarbons. Part 22: Dimethylalkylbenzenes. Fumaric acid in diene synthesis. V. R Skvarchenko, R. IA. Levina, R. P Shibaeva. Zhur. ob. khim 32 no. 1: 111-113 Ja '62.

FUNCTIONAL ANALYSIS

Continuous additive functionals from a multidimensional Wiener process. A. D. Ventsel' Dokl. AN SSSR 142 no. 6:1223-1226 F '62.

Convergence of the cubage process for absolute continuous functions. L. A. IAnovich Dokl. AN BSSR 6 no. 2:77-78 F '62

Derivative and integral from a general point of view. G. P. Tolstov Dokl AN SSSR 142 no 5:1040-1042 F '62.

Exact evaluation of the remainders of formulas of mechanical cubage and multidimensional interpolation S. M. Ermakov. Dokl. AN BSSR 6 no. 2:73-76 F '62

Ritz's method in nonlinear problems. S. G Mikhlin. Dokl. AN SSSR 142 no 4 792-793 F '62.

Some results concerning characteristic functionals. V. V. Sazonov Dokl AN SSSR 142 no 5:1034-1035 F '62

FUNCTIONAL ANALYSIS—CONGRESSES

Vsesoiuznaia konferentsiia po funktsional'nomu analizu i ego primeneniiu, 5th, Baku, 1959. [Funcational analysis and its application, transactions] Funktsional'nyi analiz i ego primenenie, trudy. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1961. 289 p.

FUNCTIONS

Irreducible disjunctive normal forms for certain classes of functions in algebra of logic IU L Vasil'ev Dokl. AN SSSR 142 no. 2 263-265 Ja '62.

Regular functions with a positive real part in the ellipse [with summary in English]. L. O. Dunduchenko, S. A Kasianiuk Dop AN URSR no. 2 147-150 '62

FUNCTIONS, ANALYTIC

A-Integrals of the Cauchy type. G. A. Khuskivadze. Soob AN Gruz SSR 27 no. 6,663-670 D '61.

Algebraic theory of generalized analytic functions on closed Riemann surfaces. IU. L Rodin Dokl AN SSSR 142 no 5:1030-1033 F '62.

Behavior of an adiabatic invariant in the case of slow periodic variation of Hamilton's function V I. Arnol'd Dokl. AN SSSR 142 no. 4:758-761 F '62

Cauchy type integrals and boundary value problems for generalized analytic functions on closed Riemann surfaces IU L Rodin Dokl AN SSSR 142 no. 4 798-801 F '62.

General form of a certain operator acting on a pair of holomorphic functions. K. A. Mustafaev. Izv AN Azerb SSR, ser. fiz. -mat. i tekh nauk no 5,3-7 '61.

Number of divisors within an angle. Lai Dyk Tkhin' Dokl. AN SSSR 143 no. 1 28-30 Mr '62

FUNCTIONS, CHARACTERISTIC see Eigenfunctions

FUNCTIONS, CONTINUOUS

Characteristic of a ring of all continuous functions on a bicompact E. A. Gorin Dokl. AN SSSR 142 no 4 781-784 F '62

Constructive characteristic of a certain class of functions. V F. Vlasov. Dokl AN SSSR 142 no 4:773-775 F '62

Continuation of functions V. P. Mikhailov Dokl. AN SSSR 141 no 1 42-45 Mr '62

Wiener type theorem for series in Walsh functions G N. Agaev. Dokl AN SSSR 142 no 4 751-753 F '62.

FUNCTIONS, ENTIRE

Growth of functions on a sequence of points in a ray. V. P. Gromov. Izv. AN Arm. SSR, Ser. fiz. -mat nauk *15 no. 1:37-51 '62.*

Theory of the best approximation of functions of several variables by means of entire functions of finite power A. S. Dzhafarov. Dokl. AN SSSR 142 no 2:266-269 Ja '62

FUNCTIONS, HYPERGEOMETRIC

Integral transformations with kernels representing generalized hypergeometric functions and generalized Volterra functions. S. A. Akopian Izv. AN Arm. SSR Ser fiz. -mat. nauk 15 no 1:13-36 '62.

FUNCTIONS, MODULAR

Expansion in systems of rational functions with fixed poles M. M. Dzhrbashian Dokl. AN SSSR 143 no. 1 17-20 Mr '62

Weighted best approximation by rational functions on the entire real axis. G. S. Kocharian. Izv. AN Arm. SSR, Ser. fiz. -mat. nauk 15 no. 1:73-86 '62.

FUNCTIONS, ORTHOGONAL

Some fundamental inqualities in the theory of orthogonal polynomials. IA. L. Geronimus. Dokl. AN SSSR 140 no. 5:1002-1004 O '61.

FUNCTIONS, POTENTIAL see Differential equations, Partial

FUNCTIONS OF REAL VARIABLES

Frolov, N. A. [Theory of functions of real variables; textbook for pedagogical institutes] Teoriia funktsii deistvitel'nogo peremennogo; uchebnoe posobie dlia pedagogicheskikh institutov. Izd. 2, Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 171 p.

FUNCTIONS OF SEVERAL VARIABLES

Necessary and sufficient conditions for the nomographing of functions of several variables. S. V Smirnov. Dokl. AN SSSR 142 no. 2:282-285 Ja '62.

Theory of the best approximation of functions of several variables by means of entire functions of finite power. A. S. Dzhafarov. Dokl. AN SSSR 142 no. 2 266-269 Ja '62.

FUNGICIDES

Antifungal action of the antibiotic griseofulvin [with summary in English] Z. G. Stepanishcheva. Antibiotiki 6 no. 9,41-43 S '61

Arievich, A. M., and G. N. Pershin, eds. [Epilin in the treatment of dermatomycosis of the scalp] Epilin v terapii dermatomikozov volosistoi chasti golovy. *Moskva, Medgiz, 1961 130 p.* (DNLM)

Brief report on testing new preparations for controlling pests and diseases of agricultural crops. Trudy AzSTAZRa 1:135-142 '60

Mechanized station for preparing insecticide and fungicide solutions N Fliger. Tekh. v sel'khoz 22 no 2: 20-23 F '62.

Methyl mercury pentachlorophenolate, a new fungicide. IU. A. Ol'dekop, N. A. Maier Dokl AN BSSR 6 no 2: 107-108 F '62

Organic fungicides as substitutes for copper-containing preparations N. N. Mel'nikov and others Khim prom no 10,28-30 O '61

FUR TRADE see subdivision under Kanin Peninsula

FURALDEHYDE

Polarographic method for determining the furfural in products of the hydrolysis industry V. G. Kul'nevich, K. M. Kardailova, F S Omel'chenko Izv. vys ucheb zav., pishch tekh. no 6 145-149 '61.

Vapor-liquid equilibrium in the system furfurole - water - acetic acid. IU. A TSirlin Zhur prikl. khim 35 no. 2,409-416 F '62.

FURALDEHYDE—DIPOLE MOMENTS

Dipole moments of some derivatives of furfurole. K. N. Kovalenko and others Zhur ob khim. 32 no. 2 549-553 F '62.

FURAN

Furan compounds. Part 17: Synthesis of 1,2-dihydroxydipyrroles and pyrrolizidines by the intramolecular catalytic dehydration of furan and tetrahydrofuran amines. A. A. Ponomarev, I M Skvortsov Zhur ob khim. 32 no. 1:97-101 Ja '62.

Furan series. Part 20: Reactions of condensation, oxidation, and reduction of furan-2, 5-dialdehyde K. IU. Novitskii, V. P. Volkov, IU. K. IUr'ev. Zhur ob. khim 32 no. 2:399-402 F '62

Furanidino-pyrazoles. I. K. Korobitsyna and others. Zhur ob. khim. 31 no. 12:3921-3926 D '61.

New method of synthesizing α-β-disubstituted furans. IA L. Gol'dfarb, L D Tarasova Dokl AN SSSR 142 no 2 358-361 Ja '62.

Syntheses in the domain of 5-nitrofuryl-2-polyalkenals and 5-nitrofuryl-2-polyalkenones. Reaction of carbethoxymethylene-triphenylphosphorane and acetylmethylene triphenylphosphorane with α,β-unsaturated and polyene aldehydes of the 5-nitrofuran series. K K. Venter and others Dokl. AN SSSR 140 no. 5:1073-1075 O '61

FURAN—SPECTRA

Ultraviolet absorption spectra of nitrofurans. J Eiduss, L Muceniece. Izv AN Latv. SSR no 11 65-82 '61.

FURAZOLIDONE

Antimicrobial activity of furazolidone and antibiotics in experimental paratyphoid infection [with summary in English]. L. Alekseeva Izv. AN Latv SSR no 12: 85-90 '61.

FURFURYL ALCOHOL

Benzoates of 2, 5-dimethoxy-2, 5-dehydrofurfuryl alcohols and some of their reactions N. K. Kochetkov and others Zhur. ob khim. 31 no *12:3909-3916 D '61*

FURMANOV, DMITRII ANDREEVICH, 1891-1926

Isbakh, A. A. [Bolshevik, writer, and commissar] Bol'shevik, pisatel, komissar Moskva, Izd-vo "Znanie," 1961. 63 p. (Prochti, tovarishch!)

FURNACES

Automated supply of fuel oil in boiler furnaces. IU. N. Novozhilov. Energetik 10 no. 3:11-12 Mr '62.

Calculation of the resistance of cyclones. A. S. Kovbasiuk Izv. vys. ucheb. zav. ;eneig. 5 no. 1:85-92 Ja '62.

Determining the optimum conditions for the operation of the furnaces of a boiler unit. V. G. Karpenko Zbir prats', Inst. tepl. AN URSR no. 23:37-48 '61.

Improvement of the main sections of a furnace with a rabbler plank. S. V. Tatishchev, V. A. Slavinskii, I. I. Shishin. Energetik 10 no. 2 5-8 F '62

Studying the thermal system of ribbed water screens. A. L. Bychkovskii. Teploenergetika 9 no. 2:38-40 F '62.

Trapping of the soot from the flue gases of boiler furnaces. N. F. Dergachev. Energetik 10 no. 3:33-34 Mr '62.

Use of tubular furnaces for temperature regulation. F. I. Khasmamedov. Izv. AN Azerb SSR. Ser fiz. -mat. i tekh. nauk no. 5:105-116 '61.

FURNACES—CLEANING

Suspended buckets for work in chimneys and boiler furnaces. P. V. Shchukin. Energetik 10 no 3:19-21 Mr '62.

FURNACES—SAFETY APPLIANCES

Design of the cross section of safety valves in connection with dust explosions. S. L. Shagalova, V. A. Reznik. Teploenergetika 9 no. 3:41-45 Mr '62

Explosion of natural fuel dusts in ventilated units. S. L. Shagalova, V. A. Reznik. Teploenergetika 9 no. 2 25-29 F '62.

FURNACES, HEAT TREATING

Measuring and regulating temperature in heat-treating furnaces. A. A. Shmonin. Izm. tekh. no. 2 27-28 F '62

Quenching unit for heat treatment of pinions. S. F. Solodovnik. Mashinostroenie no. 1 41-43 Ja-F '62

FURNACES, HEATING

Anokhin, G. A., and IU. N. Ivanov. [Masonry and home furnace construction] Kamennye i pechnye raboty, posobie dlia uchashchikhsia IX-XI klassov sel'skoi srednei shkoly. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 231 p.

Investigating radiation recuperators and two-conductor burners used in forge shops. G. F. Degtev, V. I. Kharchenko. Kuz.-shtam. proizv. 4 no. 2:28-30 F '62.

Nonoxidizing heating of steel in an open-flame, fuel-fired furnace. E. A. Kondakov, A. I. Vashchenko. Izv. vys. ucheb. zav., chern. met. 5 no. 1:190-197 '62

Operation of heating furnaces of a medium sheet mill. M. L. Gapunik, V. A. Dudarev, E. I. Spivak. Stal' 22 no. 2 176-178 F '62

Precipitation of soot carbon in flame furnaces for nonoxidizing heating. A. I. Vashchenko, A. E. Lifshits. Izv. vys. ucheb. zav., chern. met. 5 no. 1:198-203 '62

FURNACES, HEATING—TESTING

Operations of a test chamber in a compartment furnace for rapid heating on natural gas. G. N. Kheifets and others. Stal' 22 no. 2 170-173 F '62

FURNITURE

Chernyshev, G. A. [Manufacture of wicker articles] Proizvodstvo pletenykh izdelii. Moskva, Gos. izd-vo mestnoi promyshl. i khudozh. promyslov RSFSR, 1961. 107 p.

Conference on problems in the design and manufacture of furniture for one-family apartments. Der. prom. 11 no. 3:26-27 Mr '62.

New design of furniture drawers. B. G. Karpovich. Der. Prom. 11 no. 3:20-22 Mr '62

FURNITURE INDUSTRY

(see also subdivision under Armenia)

For old and new residents. I. Suslin. Mest. prom. i khud. promys. 3 no. 2:10-12 F '62.

FURUNCULOSIS

Kimbarovskii's colored sedimentation reaction in furunculosis. A. K. Igumnov. Zdrav. Bel. 7 no. 6:44-45 Ag '61

Peripheral blood of patients with furuncles and furunculosis. A. K. Igumov. Vest. derm. i ven. no. 2:48-51 '62.

Treatment of furuncles with biomycin and ascorbic acid. M. E. Babichenko. Voen.-med. zhur. no. 8:78 Ag '61.

FUSED SALTS

Calculating the viscosity of fused salts (oxides). O. K. Sokolov. Izv. vys. ucheb. zav., tsvet. met. 5 no. 1:89-93 '62

FUSES (ORDNANCE)

Proximity fuses. A. Dorofeev. Vest. Vozd. Fl. no. 11: 87-89 N '61

FUSULINIDAE, FOSSIL see subdivision under Ussuri Valley

GABBRO

(see also subdivision under Krasnoyarsk Territory)

Equation of state for gabbro and dunite at high pressures. V. N. Zharkov, V. A. Kalinin. Izv. AN SSSR. Ser. geofiz. no. 3:298-306 Mr '62

GADOLINITE

Nature of gadolinite in amazonite pegmatite veins. A. IA. Luts. Zap. Vses. min. ob-va 90 no. 6:704-709 '61.

GADOLINIUM—MAGNETIC PROPERTIES

Temperature dependence of certain magnetic properties of gadolinium. R. V. Telesnin, D. V. Al'meneva, V. A. Pogozhev. Fiz. tver. tela 4 no. 2:357-360 F '62.

GADOLINIUM SALTS—OPTICAL PROPERTIES

Luminescence of gadolinium salts. A. N. Zaidel' and others. Izv. AN SSSR Ser. fiz. 26 no. 1:74-80 Ja '62

GAGARIN, IURII ALEKSEEVICH, 1934-

The first astronaut is telling his story. A. Furazhkov. Komm. Mold. 6 no. 7:72-76 Jl '61.

"First flight to the stars." IA. Cherniavskii. Kryl. rod. 12 no. 10:28 O '61.

GALACTOSE

Synthesis and study of aminodeoxy-sugars. Part 2: N-aryl derivatives of 6-amino-6-deoxy-diacetone-D-galactose. V. I. Veksler. Zhur. ob. khim. 31 no. 12: 4045-4051 D '61

GALAXIES

Stellar magnitude of the jet in NGC 4486 [with summary in English]. V. I. Moroz. Astron. zhur. 39 no. 1 161-162 Ja-F '62

GALAXY see Milky way

GALL BLADDER—CANCER

Cancer of the gall bladder and of the extrahepatic bile ducts. I. V. Avdei. Zdrav. Bel. 7 no. 6:35-37 Je '61

GALL BLADDER—DISEASES

Differential treatment of dyskinesia of the gall bladder. S. V. Bazanova. Kaz. med. zhur. no. 6:15-17 N-D '61

Functional and histochemical changes in the pancreas in diseases and following surgery of the liver, gall bladder, stomach and pancreas (survey of Soviet and foreign literature). L. P. Volkova. Vest. khir. no. 2 129-139 '62

GALL BLADDER—RADIOGRAPHY

Comparative evaluation of the results of duodenal probing and cholecystography in calculous cholecystitis. A. K. Khodzhimatov. Med. zhur. Uzb. no. 9:43-47 S '61

GALL BLADDER—SURGERY

Methods of cholecystoenterostomy, hepatogastrostomy, and hepatoenterostomy. IU. T. Komorovskii. Nov. khir. arkh. no. 4:42-48 Jl-Ag '60

GALLIC ACID

Effect of the antioxidant propylgallate on the food value of fat [with summary in English]. N. D. Bukhman. Vop. pit. 21 no. 1:68-72 Ja-F '62.

Interaction of propylgallate with the Rous's sarcoma virus adsorbed on erythrocytes and stromas. E. S. Elkhovskaia, L. P. Lipchina, A. G. Chetverikov. Dokl. AN SSSR 142 no. 2:405-407 Ja '62.

Specific suppression of the activity of glycolytic redox enzymes by the inhibitors of free-radical reactions. E. A. Neifakh. Dokl. AN SSSR 142 no. 6:1405-1408 F '62

GALLINAE see subdivision under Buryat-Mongolia

GALLIUM

(see also subdivision under Karelia)

Concerning the form of gallium occurrence in the oxidation zone of sulfide deposits. N. I. Razenkova, G. F. Galaktionova. Geokhimiia no. 1 80-82 '62.

Effect of a gallium admixture and temperature on the thermal conductivity of amorphous and crystalline selenium. B. D. Aliev, G. M. Aliev, I. G. Kerimov. Izv. AN Azerb. SSR, Ser. fiz.-mat. i tekh. nauk no. 5:39-43 '61.

Effect of some impurities on the cementation of gallium with sodium amalgam. A. T. Nizhnik, Z. V. Shakhter. Zhur. prikl. khim. 35 no. 2:295-300 F '62

GALLIUM—ANALYSIS

Effect of large amounts of some elements on the fluorometric determination of gallium by rhodamine C. D. P. Shcherbov, N. V. Kagarlitskaia. Zav. lab. 28 no. 1 30-33 '62

GALLIUM ANTIMONIDE

Mobility and effective mass of holes in gallium antimonide. V. I. Ivanov-Omskii, B. T. Kolomiets, Chzhou-Khuan [Chou-huang]. Fiz. tver. tela 4 no. 2:303-307 F '62.

GALLIUM ANTIMONIDE—ELECTRIC PROPERTIES

Current carrier mobility and the effective electron mass in alloys of indium and gallium antimonides. V. I. Ivanov-Omskii, B. T. Kolomiets. Fiz. tver. tela 4 no. 1:290-302 Ja '62.

GALLIUM COMPOUNDS

Precipitation and extraction of gallium as halo compounds with bases of the antipyrine series [with summary in English]. A. I. Busev, L. M. Skrabkova. Zhur. anal. khim. 17 no. 1:56-59 Ja-F '62.

GALLIUM OXIDE

Coordination of gallium and aluminum in vitreous silicates. S. K. Dubrovo, A. A. Kefeli. Zhur. prikl. khim. 35 no. 2:441-443 F '62.

GALLIUM PHOSPHIDE

Production of gallium phosphide. G. V. Samsonov, L. L. Vereikina, IU. B. Titkov. Zhur. prikl. khim. 35 no. 2: 242-245 F '62.

GALLS (BOTANY)

Comparison of galls and teratomata caused by insects with fruits and seeds. E. I. Slepian. Bot. zhur. 46 no. 11:1702-1717 N '61.

GALVANIZING—BY-PRODUCTS

Technology of the electrolytic refining of crude tin and high density metals. N. S. Golikov. TSvet. met. 35 no. 2:40-43 F '62.

GAME AND GAME BIRDS see subdivision under Moldavia

GAMES

Chkanikov, I. N. [For adults and for children] Dlia vzroslykh i dlia detei. [Moskva] Izd-vo VTsSPS Profizdat, 1961. 116 p.

Games for quickness of wit and resourcefulness. S. Glazer. Sem'ia i shkola 17 no. 3 47-48 Mr '62.

Homemade games. V. Maltsev. Sem'ia i shkola 17 no. 1,47 Ja '62

Hour for outdoor games. A. Guzhalovskii. Shkola-int no. 1:57-62 Ja-F '62.

GAMES, THEORY OF

[Application of the theory of games in military affairs. Translated from the English. Preface by V. O. Ashkenazy and IU. S. Golubev-Novozhilov] Primenenie teorii IGR v voennom dele, sbornik. Moskva, Izd-vo "Sovetskoe radio," 1961. 360 p.

Vorob'ev, N. N. [Randomized joint actions in finite games; author's abstract of his dissertation presented in candidacy for the degree of Doctor of Physics and Mathematics] Randomizirovannye sovmestnye deistvila v konechnykh igrakh; avtoreferat dissertatsii na soiskanie uchenoi stepani doktora fiziko-matematicheskikh nauk. Leningrad, Akad. nauk SSSR, 1960. 12 p.

GAMMA GLOBULIN

Antibiotics in combination with gamma globulin in experimental pertussis infection of chicken embryos [with summary in English]. A. E. Tebiakina, S. M. Chalkovskaia. Antibiotiki 6 no. 9:53-56 S '61.

GAMMA-RAY SPECTROMETRY

Observation of the Mössbauer effect in a tin-containing polymer. V. A. Briukhanov and others. Zhur. eksp. i teor. fiz. 42 no. 2:637-639 F '62.

GAMMA RAYS

Biochemical and baking properties of flour from wheat subjected to Co^{60} gamma rays. N. V. Romenskii and others. Izv. vys. ucheb. zav., pishch. tekh. no. 6 28-32 '61

Formation of color centers in quartz glass and sodium silicate glass under the action of gamma radiation. G. V. Biurganovskaia, N. F. Orlov. Opt. i spektr. 12 no. 2:278-284 F '62.

Gamma field intensity above the sea surface. A. F. Fedorov, G. V. Samokhin. Dokl. AN SSSR 143 no. 1:101-103 Mr '62

Gamma rays in connection with inelastic scattering of 2.95 Mev. neutrons from Al^{27}. L. Graudina and others. Izv. AN Latv. SSR no. 1:51-52 '62.

Gamma rays produced in inelastic scattering of 2.95 Mev. neutrons on Ta^{181} nuclei [with summary in English]. L. IA. Graudyna and others. Zhur. eksp. i teor. fiz. 42 no. 2:349-352 F '62.

Indreash, G., and others. [Study of γ-rays in the resonance system of a cyclotron] Issledovanie γ-luchei rezonansnoi sistemy tsiklotrona. Dubna, Ob'edinennyi in-t iadernykh issledovanii, 1962. 10 p. [With summary in English]

Intensity and spectral composition of the gamma radiation of sea water. V. N. Lavrenchik, G. N. Sofiev. Izv. AN SSSR. Ser. geofiz. no. 2 275-278 F '62.

Radiation field of a monodirectional point source of γ-quanta. L. R. Kimel', O. I. Leipunskii. Atom. energ. 12 no. 3 230-237 Mr '62.

Spatial distribution in water of multiply scattered γ-quanta from monodirectional Au^{198}, Co^{60}, and Na^{24} sources. V. I. Kukhtevich, B. P. Shemetenko. Atom. energ. 12 no. 3:204-210 Mr '62.

Study of the γ-ray spectrum of Eu^{148}. A. Bakhmat and others. Izv. AN SSSR. Ser. fiz. 26 no. 2:217-220 F '62.

GAMMA RAYS—INDUSTRIAL APPLICATIONS

Tarasenko, N. IU. [Industrial hygiene in connection with gamma defectoscopy of metal articles] Gigiena truda pri gamma-defektoskopii metallicheskikh izdelii. Moskva, Medgiz, 1960. 59 p. (Biblioteka prakticheskogo vracha)

GAMMA RAYS—PHYSIOLOGICAL EFFECT

Analyzing the influences of the hypothalamic area on the state of labyrinthine tonic reflexes after irradiation. Z. A. Ianson. Radiobiologiia 1 no. 6:933-939 '61.

Antiproteolytic factor of the blood plasma of animals and its changes due to radiation injury. R. G. Mkrtchian, B. N. Tarusov. Dokl. AN SSSR 142 no. 2 402-404 Ja '62.

An attempt to affect the fate of transplanted marrow cells in the irradiated animal organism by the use of hormones. IU. M. Zaretskaia. Radiobiologiia 1 no. 6: 892-898 '61.

Behavior of mice following gamma irradiation. V. G. Khrushchev, N. G. Darenskaia, G. M. Pravdina. Radiobiologiia 1 no. 6:940-945 '61.

Early changes in the cholinesterase activity and acetylcholine content of certain tissues in rats following lethal gamma irradiation. N. V. Korneeva. Radiobiologiia 1 no. 6:858-860 '61.

Effect of small doses of ionizing radiation and cystamine on the mitotic activity of the corneal epithelium and duodenal crypts. L. B. Berlin. Dokl. AN SSSR 143 no. 1 218-220 Mr '62.

Mineral metabolism in the bone tissue of rabbits exposed to chronic gamma irradiation. N. I. Elkina. Radiobiologiia 1 no. 6:874-877 '61.

GAMMA RAYS — PHYSIOLOGICAL EFFECT (Continued)

Some causes of disorders in enzymatic decomposition of desoxyribonucleoproteins following whole-body gamma irradiation. N. V. Ermolaeva. Radiobiologiia 1 no 6: 834-837 '61.

Using the high-frequency electric conductivity method in studying sorption characteristics of irradiated proteins. V. K. Tkach, L. A. Frenkel'. Radiobiologiia 1 no. 6:824-829 '61.

GAMMA RAYS—SAFETY MEASURES

Tarasenko, N. IU. [Industrial hygiene in connection with gamma defectoscopy of metal articles] Gigiena truda pri gamma-defektoskopii metallicheskikh izdelii. Moskva, Medgiz, 1960. 59 p. (Biblioteka prakticheskogo vracha)

GAMMA RAYS—SPECTRA

Spectrum of γ-rays emerging from the horizontal channel in the VVR-M reactor. I. F. Barchuk and others. Atom. energ. 12 no 3 251-254 Mr '62.

GAMMA RAYS—THERAPEUTIC USE

Clinical evaluation of telegammatherapy of malignant tumors in the late stages. R. V. Konevalov. Vop onk. 8 no 1:102-106 '62.

GARDENING—EQUIPMENT AND SUPPLIES

Garden tools and equipment. A. Z. Selivanov. Shkola i proizv. 6 no 2:85-90 F '62.

The RSSh-6 horticultural manure spreader. G. G. Shkilkin. Biul tekh.-ekon. informa. no. 1:61-63 '62.

GARIBLIK REGION—ICHTHYOSAURIA

Find of a lower Cretaceous ichthyosaur in the southeastern Caucasus. A. G. Khalilov, G. A. Aliev, Ak. A. Alizade. Dokl. AN Azerb. SSR 17 no. 11:1049-1051 '61.

GARNET see subdivision under Chulym Valley; Dniester Valley; Volhynia; Volnovakha region; Yenisey Valley

GARNOVSKAIA, GALINKA NIKOLAEVNA, 1923-1958

Galina Nikolaevna Garnovskaia; obituary. Khim. i tekh. gor. plan i proektirovan. no 6:251-252 '60.

GAS, NATURAL
(see also subdivision under Carpathian Mountain region; Ekhabi region, Shebelinka region, Tien Shan; Uzbekistan)

Calculation of the compressibility of gas in water displacement by gas in a linear layer with constant pressure values on the layer boundaries. S. N. Buzinov. Trudy VNIIGAZ no. 11:162-170 '61.

Determination of the natural gas potential of coal measures in exploratory boreholes by the KG-55 core gas sampler. M. A. Ermekov. Sbor. nauch. trud. KazGMI no 10:208-213 '59.

Experimental burning of natural gas without sufficient air supply. A. I. Obraztsov, S. I. Strizhikoza, V. N. Chazov. Gaz. prom. 6 no 12 27-28 '61.

Mamikonov, A. G., and M. G. Geshelin. [Remote control in the oil and gas industries] Telemekhanika v neftianoi i gazovoi promyshlennosti. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 350 p.

Nomograms for determining the heat value of combustion products and the loss of heat resulting from the chemical underburning of natural gas. F. G. Tagi-Zade. Gaz. prom 6 no. 12:25-27 '61.

Prospects for development in the oil and gas industries of the U. S. S. R. between 1960 and 1980. Neft. khoz. 40 no 1:1-6 Ja '62.

Transfer of lime cupolas to firing with natural gas. L. V. Sudoplatov, B. V. Ilsiunas, G. IA. Berkovich. Metallurg 7 no 3:18-19 Mr '62.

GAS, NATURAL—GEOLOGY
(see also subdivision under Adriatic Sea region; Africa, West; Azerbaijan; Caspian Sea; Caucasus, Northern; Crimea; Emba region; Krasnodar Territory; Kuban; Kuban-Azov Lowland; Pechora Valley; Saratov Province; Tuapse District; Vilyuy region; Volgograd Province)

Basic geologic regularities in the distribution of natural gases in the U. S. S. R. A. I. Kravtsov. Izv. vys. ucheb. zav., geol. i razv. 5 no. 1:62-73 Ja '62.

Concerning the article of N. I. Bulatov and others "Classification of predicted oil and gas reserves and method of rating them." F. G. Gugari, N. N. Rostovtsev, N. G. Chochia. Sov. geol. 5 no. 2:157-159 F '62.

"Geology of oil and gas" by N. A. Eremenko. Reviewed by V. Vasil'ev. Geol. nefti i gaza 6 no. 2:59-62 F '62.

Method of setting up boundaries for artesian and oil- and gas-bearing basins. F. A. Baru and others. Izv. vys. ucheb. zav.; geol. i razv. 4 no. 11:95-101 N '61.

Slin-Dokshurin, A. I., L. A. Gulineva, and G. A. Mogilevskii, eds. [Methodological handbook on hydrogeological, and microbiological studies for evaluating oil- and gas-bearing potentials] Metodicheskoe rukovodstvo po gidrogeologicheskim gidrokhimicheskim i mikrobiologicheskim issledovaniiam dlia otsenki perspektiv neftegazonosnosti nedr. [By] G. V. Bogomolov i dr. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 263 p.

Some problems in developing oil and gas reserves in the first decade of creating the material and technical base of communism. A. A. Trofimuk. Geol. nefti i gaza 6 no. 2:1-9 F '62.

GAS, NATURAL—PIPELINES
(see also subdivision under Yakutia)

Device for a more accurate determination of the direction and depth of underground pipelines. V. P. Kozachok. Gaz. prom. 6 no 12 38-40 '61.

Genkina, L. A., and A. S. Boronikhin. [Gas distributing stations and distribution regulation points of gas pipelines] Gazoraspredelitel'nye stantsii i kontrol'no-raspredelitel'nye punkty magistral'nykh gazoprovodov. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 147 p.

Hydraulic calculation of urban gas pipelines. V. V. Datochnyi. Gaz. prom. 6 no 12 30-33 '61.

Operating asbestos-cement gas pipelines. M. D. Sokov. Neft. khoz. 40 no 1 69-70 Ja '62.

GAS, NATURAL—STORAGE

Analysis of a study of the Kaluga Highland based on the principles of a combined study of structures intended for underground gas storage. M. S. Korochkin. Trudy VNIIGAZ no. 11:16-50 '61.

Combined study of water-bearing layers intended for underground gas storage. A. L. Khein and others. Trudy VNIIGAZ no. 11, 3-15 '61.

Comparison of estimated and actual data on test gas injection into the Gdov water-bearing layer of the Kaluga structure. E. V. Levykin. Trudy VNIIGAZ no. 11:80-101 '61.

Effect of the geometry of injection and discharge systems on the efficiency of pumping gas into a water-bearing layer. A. L. Khein, G. I. Zadora, P. IA. Altukhov. Trudy VNIIGAZ no. 11:346-356 '61.

Experimental study of fluid displacement by gas in connection with underground storage of gas in water-bearing structures. A. L. Khein, S. N. Buzinov, P. IA. Altukhov. Trudy VNIIGAZ no. 11, 266-278 '61.

Experimental study of the process of extracting gas from a model of a layer saturated with water and gas. A. L. Khein, S. N. Buzinov, P. IA. Altukhov. Trudy VNIIGAZ no. 11:279-295 '61.

Experimental study of the two-stage process of dehydrating a water-bearing layer with gas. A. L. Khein, S. N. Buzinov, P. IA. Altukhov. Trudy VNIIGAZ no. 11: 296-345 '61.

Gas-dynamic method of studying structures intended for underground gas storage and an example of its use in studying the Kaluga structure. E. V. Levykin, V. N. Raaben, S. N. Buzinov. Trudy VNIIGAZ no. 11: 51-79 '61.

Method of calculating the injection of gas into water-bearing layers. S. N. Buzinov. Trudy VNIIGAZ no 11: 124-144 '61.

Using data from nonsteady displacement of fluid by gas in a method for the experimental determination of phase permeabilities. A. L. Khein, S. N. Buzinov, P. IA. Altukhov. Trudy VNIIGAZ no. 11:241-265 '61.

Using the method of moving sources for calculating the injection of gas into underground gas reservoirs in water-bearing layers. A. L. Khein. Trudy VNIIGAZ no. 11:102-123 '61.

Using the method of successive changes in functionals stable states for solving certain problems on water displacement by gas. A. L. Khein, S. N. Buzinov. Trudy VNIIGAZ no. 11:145-161 '61.

GAS AND OIL ENGINES

Check of the lubrication system of an engine. S. Ushakov. Tekh. v sel'khoz. 22 no. 1:16 Ja '62.

Istomin, P. A. [Kinetics and dynamics of piston-type internal combustion engines with combined cycles; generalized method for analyzing crankgears of engines] Kinematika i dinamika porshnevykh DVS s kombinirovannymi skhemami; obobshchennyi metod analiza krivoshipno-shatunnykh mekhanizmov dvigatelei. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1961. 303 p.

Nigmatulin, I. N. [Working processes in turbopiston engines] Rabochie protsessy v turboporshnevykh dvigateliakh. Moskva, Mashgiz, 1962. 314 p.

GAS AND OIL ENGINES—CYLINDERS

Increasing the heat resistance of cylinder heads of the SMD-7 engine. V. F. Krivokobyl'skii, V. P. Eremkin. Mashinostroenie no. 1:84-86 Ja-F '62.

GAS AND OIL ENGINES—DESIGN AND CONSTRUCTION

"Internal combustion engines" by IU. B. Margulis. Reviewed by G. F. Kudriashov, E. G. Chekmenev. Energomashinostroenie 8 no. 2 45-46 F '62.

GAS AND OIL ENGINES—FUEL SYSTEMS

Methods of calculating fuel injection in internal combustion engines taking into account the effect of the pressure value with a throttle opening. R. K. Gizatulin. Trudy MIIT no. 141:51-60 '61.

GAS AND OIL ENGINES—MAINTENANCE AND REPAIR

Advice to the machinery operators. A. Babenko. Tekh. v sel'khoz. 22 no. 2:58 F '62.

GAS AND OIL ENGINES—VIBRATION

Balancing of engines during their assembling operation. V. IU. Vakhtel', IU. P. Kisel'. Trakt. i sel'khozmash. 32 no. 3 11-13 Mr '62.

GAS AS FUEL

Chepel', V. M. [Burning of gases in stoves and boiler furnaces and maintenance of gas systems in plants] Szhiganie gazov v topkakh kotlov i pechei i obsluzhivanie gazovogo khoziaistva predpriiatii. Izd. 4., ispr. i dop. Leningrad, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 422 p.

Nauchno-tekhnicheskoe obshchestvo energeticheskoi promyshlennosti. Chelliabinskoe oblastnoe pravlenie. [Experiences in the use of gas fuel in industry, power engineering and municipal economy] Opyt ispol'zovanie gazovogo topliva v promyshlennosti, energetike i gorodskom khoziaistve. Leningrad, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 291 p.

GAS BURNERS

Experimental burning of natural gas without sufficient air supply. A. I. Obraztsov, S. I. Strizhikoza, V. N. Chazov. Gaz. prom. 6 no 12 27-28 '61.

Gas burner with central gas feed. A. A. Avdeeva. Teploenergetika 8 no 3:38-41 Mr '62.

Improved gas burner for rotary kilns. A. F. Meshik, V. I. Shubin. Nauch. soob. NIITSementa no 11:1-6 '61.

GAS BURNERS—SAFETY MEASURES

Automatic safety valve. B. F. Zhurin. Mashinostroitel' no 2:26 F '62.

GAS CHROMATOGRAPHY

Chromatographic systems and standardized units for gas chromatographs. V. G. Berezkin, S. K. Krasheninnikov. Neftekhimiia 1 no. 5:700-705 S-O '61.

Gas-liquid chromatography of isoprenoid compounds. B. A. Rudenko and others. Izv. AN SSSR Otd. khim. nauk no. 2 236-243 F '62.

Method for calculating chromatograms in gas-liquid chromatography. V. G. Berezkin. Neftekhimiia 1 no 2: 169-171 Mr-Ap '61.

Selecting conditions for the separation of complex mixtures of hydrocarbons by gas chromatography. M. S. Vigdergauz, K. A. Gol'bert. Neftekhimiia 1 no. 5:706-715 S-O '61.

Use of gas-liquid partition chromatography for calculating the coefficients of relative volatility in multicomponent systems. S. K. Ogorodnikov, V. B. Kogan. Zhur. prikl. khim. 35 no. 2:461-464 F '62.

GAS DISTRIBUTION

Chepel', V. M. [Burning of gases in stoves and boiler furnaces and maintenance of gas systems in plants] Szhiganie gazov v topkakh kotlov i pechei i obsluzhivanie gazovogo khoziaistva predpriiatii. Izd. 4., ispr. i dop. Leningrad, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 422 p.

GAS DISTRIBUTION—SAFETY MEASURES

Gas-pressure control in gas-distribution lines. I. S. Bersenev. Bez truda v prom 5 no. 1:33-34 Ja '62.

GAS DYNAMICS

Bauer, Frantisek, and Jindrich Marek. Izentropicheskoe techenie gazov; tablitsy i popravochnye nomogrammy. Isentropic gas-flow; tables and Correction Nomograms. Prague, Izd-vo Chekhoslovatskoi Akad. nauk, 1961. 643 p. [Parallel texts in Russian and English] [MICROFILM]

Comparison of estimated and actual data on test gas injection into the Gdov water-bearing layer of the Kaluga structure. E. V. Levykin. Trudy VNIIGAZ no. 11:80-101 '61.

Contribution to the theory of a magneto-gas dynamic oscillator. M. I. Kiselev. Vest. Mosk. un. Ser. 3. Fiz., astron. 17 no. 1:63-68 Ja-F '62.

Deich, M. F. [Gas dynamics in engineering] Tekhnicheskaia gazodinamika. Izd. 2., perer. Moskva, Gos. energ. izd-vo, 1961. 670 p.

Gas-dynamic method of studying structures intended for underground gas storage and an example of its use in studying the Kaluga structure. E. V. Levykin, V. N. Raaben, S. N. Buzinov. Trudy VNIIGAZ no 11: 51-79 '61.

Poliakov, IU. A., and E. A. Mil'kina. [Method for studying heat transfer in a short-duration process in gas dynamics; Conference on Heat and Mass Transfer, Minsk, January 23-27, 1961] Metod izucheniia teploobmena v kratkovremennom gazodinamicheskom protsesse, soveshchanie po teplo-i massoobmenu, g. Minsk, 23-27 ianvaria 1961 g. [Minsk, 1961] 17 p. [MICROFILM]

GAS FLOW

Anisotropy of conductance and its effect on the flow of a conducting gas in tubes. IA. S. Ufiland, A. N. Kanev. Zhur. tekh. fiz. 32 no 2 249-252 F '62.

Diffusion type thermal shielding by means of a porous plate in a gas dynamic flow through percolation of a liquid and physicochemical reaction in a laminar boundary layer. E. P. Vaulin, N. N. Gvozdkov. Zhur. tekh. fiz. 32 no. 2:238-247 F '62.

GAS FLOW (Continued)

Gvozdkov, N. N., and E. P. Vaulin. [Heat transfer from a porous plate in gas flow, Conference on Heat and Mass Transfer, Minsk, January 23-27, 1961] O teploobmene poristoi plastiny v gazovom potoke, soveshchanie po teplo-i massoobmenu, g Minsk, 23-27 ianvaria 1961 g [Minsk, 1961] 16 p
[MICROFILM]

Nonsteady fluid and gas flow toward imperfect wells in the case of spontaneous pressure or yield changes on well bottoms. A. L. Khein. Trudy VNIIGAZ no. 11,175-202 '61.

Sovershennyi, V. D., and G. A. Tiskii. [Sublimation of a solid near the critical point in plane and axially symmetric gas flows; Conference on Heat and Mass Transfer, Minsk January 23-27, 1961] Sublimatsiia tverdogo tela v okrestnosti kriticheskoi tochki v ploskom i osesimmetrichnom potokakh gaza, soveshchanie po teplo-i massoobmenu, g. Minsk, 23-27 ianvarla 1961 g [Minsk, 1961] 15 p
[MICROFILM]

Theory of the centrifugal nozzle. L. A. Klinchko. Teploenergetika 9 no. 3,34-37 Mr '62

GAS GOVERNERS

Improvement of the RND regulator V J Koha Gaz. prom 6 no 12 29 '61

GAS INDUSTRY—EQUIPMENT AND SUPPLIES

Talts, E. M., N. G. Titov, and N. V. Shishakov. [Methods of analyzing and testing coal for use as raw material in industry] Metody analiza i ispytaniia uglei kak syr'ia dlia promyshlennogo ispol'zovaniia Izd. 2, perer i dop Moskva, Gos. nauchno-tekhn izd-vo lit-ry po gornomu delu, 1961. 314 p

GAS INDUSTRY—FIRES AND FIRE PREVENTION

[Fundamentals of safety engineering and fire prevention in the petroleum and gas industries] Osnovy tekhniki bezopasnosti i protivopozharnoi tekhniki v neftianoi i gazovoi promyshlennosti. [By] G. M. Grigorian i dr Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1962. 222 p.

GAS INDUSTRY—SAFETY MEASURES

The subdued griffons. IU. Gavrilov. Vokrug sveta no. 3: 33 Mr '61.

GAS MASKS

"Gas masks used in fire fighting" by V. Dekhterev. Reviewed by I Kosykh. Pozh delo 8 no 2-31 F '62

GAS PIPES

Shal'nov, A. P. [Mechanizing the laying of gas pipes in cities] Mekhanizatsiia prokladki gorodskikh gazoprovodov. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1961. 128 p.

Thin-walled pipes in heating and gas supply systems. I. Sharmanovskii. Sel'. stroi 16 no. 12:23 D '61

GAS PIPES—STANDARDS

Draft standard for water and gas pipes. D Z. Krasnopol'skii Standartizatsiia 26 no 2 26-28 F '62.

GAS PRODUCERS

Improvement of shale gas generators with lateral flow of heat carrier V. M. Efimov, I Kh Rooks Gaz. prom 6 no. 12 18-20 '61.

Method for measuring temperature in the combustion zone of a gas generator N. V. Podbornov, N. N Norkin Gaz prom 6 no 12 16-18 '61

Testing the gas generator under conditions of priming return and maximum loads. Kh I. Kolodtsev, V. I. Babii Teploenergetika 9 no. 3:21-25 Mr '62.

GAS-TURBINE LOCOMOTIVES

The GT 101-001 gas-turbine locomotive. L. M. Khakharev, A. I. Shchepakin Mashinostroenie no 1:78-82 Ja-F '62

GAS TURBINES—DESIGN AND CONSTRUCTION

Natural stability of a single-shaft gas turbine unit. I. S. Ratner Energomashinostroenie 8 no 3 30-34 Mr '62

GAS TURBINES—TESTING

Effect of the efficiency of turbomachines and pressure losses in the gas-air track on the efficiency of a gas turbine system under unrated operating conditions V. V. Konsetov Energomashinostroenie 8 no 2 22-25 F '62.

Methods of overall tests of diffusers and exhaust pipes. A. E. Zariankin. Teploenergetika 9 no 3:89-91 Mr '62.

Results of the thermal tests of type GT-700-4 gas turbine systems. M D Perminov Teploenergetika 9 no. 2: 45-48 F '62.

GAS WELDING AND CUTTING

A machinery designer from Akhtyrka M. Iniushko. Ukraina no 4.9 F '62.

Propane-butane cutting at the Chelyabinsk Pipe Rolling Mill. IU. A. Kalachev, A. T. Beresnev, L. I. Sergeev Svar. proizv. no. 3:36-37 Mr '62.

Tolerances for the flame cutting of riser-heads on steel castings. A. K Ponomarev. Lit. proizv no 2 11 F '62.

Using city gas for the oxygen cutting of metal. B I. Smirnov. Svar. proizv no. 3:37-38 Mr '62.

GAS WELDING AND CUTTING—EQUIPMENT AND SUPPLIES

Modernization of a PP-1 portable gas-cutting machine. V. A. Babich, A. G. Semenov. Svar. proizv no. 2: 34-35 F '62

GAS WELL LOGGING see subdivision under Kuban-Azov Lowland

GAS WELLS

Basing the method for calculating the geological and physical parameters of a layer on data from a study of wells with the harmonic law of stimulation. S. N. Buzinov, I. D. Umrikhin. Trudy VNIIGAZ no. 11:219-240 '61.

Changes in the pressure on the bottom of an imperfect injection well drilled to the full depth of the production layer of periodic yield. A. L. Khein, G. M. Ivanova Trudy VNIIGAZ no. 11,203-218 '61.

Depth of tubing in a gas well V S. Tolmachev. Gaz. prom 6 no. 12 1-7 '61.

Exploitation of a gas pool with a constant number of wells. F. G. Tempel'. Trudy VNIIGAZ no. 11:171-174 '61.

Planning the development of gas and gas-and-oil fields. M T Abasov. Azerb neft khoz. 40 no. 8-24-26 Ag '61

Some methods for calculating gas injection into a horizontal aquifer. I A Charnyi, J. A. Misantkov. Gaz. prom 6 no. 12 34-37 '61.

Temperature conditions of gas wells. S A. Bobrovskii, V I Chernikin Gaz prom 6 no. 12:14-16 '61.

GAS WELLS—EQUIPMENT AND SUPPLIES

Temperature schedule for the operation of gas-well head setup and gas field pipelines. IU. F. Makogon, V. P. Voitsitskii, E. I. Petukhov. Gaz prom. 6 no. 12:7-13 '61.

GASES

Problem of the electrolytic dissolution of gases at the porous gas electrodes. Method and apparatus. G. K. Stepanov. Trudy Inst. elektrokhim. UFAN SSSR no. 1: 65-71 '60.

Selecting oils for charges in order to increase benzene and gas output. IU. B. Tiutiunnikov and others. Koks i khim no. 6:43-45 '61

GASES—ANALYSIS

Manometric analysis of gases. V. G. Karpenko. Zbir. prats'. Inst. tepl. AN URSR no. 23:45-48 '61

GASES—DRYING

Using new sorbents in the advanced-stage dehydration of gases Z. A. Zhukova and others. Khim. prom. no. 2: 100-105 F '62.

GASES—THERMAL PROPERTIES

Method of derivating the equation of state of a real gas from a limited amount of initial experimental data. V. V. Altunin. Teploenergetika 9 no. 3:72-78 Mr '62.

Studying the gas exchange process in a four-stroke diesel engine by means of the analogy method. M. G. Makhan'ko, Z. I. Kravets. Trudy MIIT no. 141:61-68 '61.

GASES IN BLOOD see Blood, Gases in

GASES IN METALS

Investigating the gas content of certain nonferrous metals by the method of mass spectrometry. IU. V. Orlovtsev, V. V. Krapukhin, A. N. Krestovnikov. Izv. vys. ucheb. zav., tsvet. met. 5 no. 1:132-138 '62.

GASES IN SOILS

Effect of various factors on seasonal changes in the liberation of CO_2 in turf-Podzolic soils. V. P. Firsova, Z. N. Arefieva. Pochvy IUzh. Urala i Povol. no. 4: 157-165 '60.

GASOLINE
(see also subdivision under Karadag region)

Determination of normal paraffin hydrocarbons in gasolines with the aid of molecular sieves. L. N. Kvitkovskii, E. V. Grushetskaia Khim. i tekh topl i masel 7 no. 3 61-64 Mr '62.

Industrial application of tubogrid-type plates for recovering natural gasoline by solar oil. IU. I. Dytnerskii and others Koks i khim no 6:10-43 '61.

Low octane straight-run gasoline decomposed by pyrolysis into butylenes, divinyl, and aromatic hydrocarbons T. N. Mukhina, G. F. Lesokhina, S. E. Itsek Khim. prom. no. 2,80-82 F '62

Production of automobile gasoline. N I Zelenin and others. Khim i tekh gor slan i prod ikh pererab. no. 8: 75-83 '60

Synthesis of ethyl benzene by catalytic reforming of narrow gasoline fractions G N Maslianskii and others Neftekhimiia 1 no 2 187-194 Mr-Ap '61

GASOLINE—ANALYSIS

Group composition of producer gasoline. I. N. Kamenskaia, E. E. Feofilov. Khim i tekh. gor slan. i prod ikh pererab no. 8:237-250 '60

GASOLINE LOCOMOTIVES

Simplified graph-analysis determination of the number of gasoline locomotives required for rock, gravel, and sand open pits and a comparison of the economic efficiency of various types of gasoline locomotives A. P. Vladimirov, I V Milliukova. Sbor. trud. NIIZhelezobetona no. 3:91-107 '60.

GASTRITIS see Stomach—Inflammation

GASTROINTESTINAL HEMORRHAGE

Diagnostic value of an immediate X-ray examination in profuse gastroduodenal hemorrhages [with summary in English] Nguen Tkin Ko and others. Vest rent. i rad 36 no. 4 39-42 Jl-Ag '61

GASTROTOMY see Stomach—Surgery

GATCHINA—PENSIONERS—SOCIETIES, ETC.

"Thank you, dear people!" M. Bodrov. Sots. obesp. 23 no. 1:37-38 Ja '62.

GATCHINA DISTRICT—AGRICULTURAL EXPERIMENT STATIONS

Viacheslavova, T. V., and N. N. Beliaev. [Correct crop rotation is the basis for high crop yields; from the practices of the Gatchina Variety Testing Station] Pravil'nyi sevooborot - osnova vysokikh urozhaev; iz opyta raboty Gatchinskogo sortouchastka. [Leningrad] Lenizdat, 1961. 61 p.
(DA)

GATES, HYDRAULIC

Valve gate of varying profile. V. I Petrashen'. Gidr. stroi. 32 no. 12:37-38 D '61.

GAUGING

Effect of the intensity of changes in deformation resistance on the accuracy of cold planar gauging. A. I Maksimov, N. S. Kunitsa, A. N. Brilukhanov. Kuz.-shtam. proizv. 4 no. 2:5-8 F '62.

GAY—DESCRIPTION

Town arose in the steppe. N. Bykov, IA. Ilumkin. Ogonek 40 no. 7,4-5 F '62

GEAR CUTTING

Effect of thermal deformations on the precision of machine tools for machining bevel gears. B. G Zudov, S. M. Belgorodskii. Stan i instr. 33 no. 1:17-19 Ja '62.

Machining closed internal toothings. P. I. Pereverzilo. Stan i instr. 33 no. 3:15-16 Mr '62.

Modern methods for machining spur gears. P. I. Pereverzilo. Stan. i instr. 33 no. 1:22-23 Ja '62.

GEAR-CUTTING MACHINES

The 5702 gear-shaving machine. A. V. Kolesnikov. Biul. tekh.-ekon. inform. no. 1:26-27 '62.

Using two-way cutter heads in cutting bevel gears with circular teeth on machine tools with a nonmillable spindle. K. M. Pismanik. Stan i instr. 33 no. 3:11-13 Mr '62.

GEAR-CUTTING MACHINES—TESTING

Control of the precision of machine tools for cutting bevel gears. V. A. Chervotkin Standartizatsiia 26 no 2. 21-23 F '62.

Seismic method for testing kinematic precision of gear-cutting machines, survey of foreign literature. A. N. Avdulov. Stan. i instr. 33 no. 1:40-44 Ja '62.

GEAR-SHAPING MACHINES

Cold form rolling of pinion teeth. V. I. Gomozov. Izv. vys. ucheb zav., mashinostr. no. 12.82-87 '61.

GEARING
(see also subdivision under Kramatorsk)

All-Union scientific technical conference on gear transmissions K. I. Zablonskii. Mashinostroenie no. 1: 111-113 Ja-F '62.

GEARING (Continued)
All-Union scientific technical conference on the characteristics and precision of involute toothed and worm gear transmissions. V.I Korzhukin. Stan.i instr. 33 no.1 45-46 Ja '62.

Kolpenko, IA. I. [Mechanical speed variators] Mekhanicheskie variatory skorosti. Kiev, Gos. izd-vo tekhn lit-ry USSR, 1961. 219 p.

Heat treatment of low-module gear wheels by heating with high frequency currents and self-tempering S L Rustom, V. N. Nikitin, A. P Bystrikov Metalloved. i term obr met. no 3 31-38 Mr '62

Specific rigidity of teeth of textolite and polyamide gear wheels. M. V Kukharev. Izv. vys. ucheb. zav. ;prib 5 no. 1:136-139 '62.

Synthesis of a flat transmission crankgear with a restricted value of the angle of transmission V. IA. Beletskii. Izv. vys ucheb zav. ;prib 5 no. 1:140-146 '62.

GEARING, SPUR
Khaiakhugh, V. A. [Cylindrical reducing gears; reference manual] Reduktory tsilindricheskie; spravochnoe rukovodstvo Moskva, Mashgiz, 1961. 140 p.

GEHLENITE
Brithollte from clinker and gehlenite containing rare earths. V. V. Lapina, N. N. Kurtseva, D. M. Knizeva. Zap. Vses. min ob-va 90 no 6:727-731 '61

GELATIN
Adsorption of gelatin by coal and mineral adsorbents as related to their activity and the pH of the medium. N F. Fimolenko, L N Malashevich Dokl AN BSSR 6 no 1 35-38 Ja '62.

Using gelatin for plotting gauged tables for quantitative determination of collagen and elastin by the hydroxyproline method. S Elmanov. Mine. ind. SSSR 32 no 6. 59 '61

GEMMATION (BIOLOGY) see Plants—Reproduction

GENERAL SEMANTICS
"Theory of knowledge in general semantics" by G. A. Brutian. Reviewed by P. Popov. Int.-filol. zhur. no 3/4 343-346 '61

GENERALIZED SPACES see Spaces, Generalized

GENERATIVE ORGANS—DISEASES
Nature and epidemiology of condylomatosis acuminatum. N. A. Teokharov Vest. derm. i ven. no. 2:51-56 '62.

GENERATIVE ORGANS, FEMALE—CANCER
Chorioepithelioma. A. A. Davidenko. Vrach. delo no. 1 103-101 Ja '62.

Ethymidine in the treatment of neglected cases of female genital cancer [with summary in English]. A. I. Brodskii Vop. onk. 8 no 2 84-88 '62.

Immediate results of Thio-TEPA treatment of patients with cancer of the female genitalia [with summary in English]. A. N. Kosareva. Vop. onk. 7 no. 7:94-99 '61.

GENERATIVE ORGANS, FEMALE—DISEASES
Change in the blood serum proteins in inflammatory diseases of the female genitalia. I. A. Brusilovskii. V. N Kirsanova. Kaz. med. zhur. no. 6:38-39 N-D '61.

Kukolev, IA. V. [Genitourinary fistulae] Genital'nye svishchi. Kiev, Gos. med. izd-vo USSR, 1961. 144 p. (DNIM)

Rational antibiotic treatment of inflammatory diseases of the female genitalia. V. N Kirsanova. Kaz. med. zhur. no. 6:39 N-D '61.

GENERATIVE ORGANS, FEMALE—TUMORS
Oncological care in Leningrad [with summary in English]. K. M. Bazhenova, V. N. Demin. Vop. onk. 7 no. 7:90-94 '61.

GENERATIVE ORGANS, MALE—ABNORMITIES AND DEFORMITIES
Anomalies of the generative organs. I. A. IAnushko. Zdrav. Bel. 7 no. 8:62-64 Ag '61.

GENETICS
Akademiia nauk SSSR. Otdelenie biologicheskikh nauk. [Radiation genetics] Radiatsionnaia genetika; sbornik rabot. Moskva, Izd-vo Akad. nauk SSSR. 1962. 367 p.

GENEVA—CONGRESSES
The Soviet Union has ratified the International Convention on Electrical Communications. Z. I. Nikiforova Vest svyazi 22 no. 2:31-32 F '62.

GENEVA—WATER SUPPLY
The Prieure filtration station at Geneva. A. M. Konushkov. Ved. i sanit. tekh. no. 2:34-40 F '62.

GENOA CONFERENCE, 1922
Dawn of the peaceful coexistence policy. L. Bezymenskii, N. Matkovskii. Nov. vrem. 20 no. 11:6-17 Mr '62.

GENOA REGION—CYCLONES
Causes of the genesis of the Genoese cyclone. S. R. Gunir. Meteor. i gidrol. no. 2:30-31 F '62.

GENOCIDE
Andriukhin, M. N. [Genocide is the most horrible crime against humanity] Genotsid - tiagchaishee prestuplenie protiv chelovechestva Moskva, Gos izd-vo iurid lit-ry, 1961. 126 p.

GENRE PAINTING
Nikiforov, B. M. [Genre painting] Zhanrovaia zhivopis'. Moskva, Izd-vo Akad. khudozh. SSSR, 1961. 123 p. (Sovetskoe izobrazitel'noe iskusstvo)

GEOCHEMICAL PROSPECTING
(see also subdivision under Ural Mountains)
Akademiia nauk SSSR. Institut geologii i razrabotki goriuchikh iskopaemykh. [Geochemistry of oil and oil fields] Geokhimiia nefti i neftianykh mestorozhdenii. Moskva, Izd-vo Akad. nauk SSSR, 1962. 205 p.

Ni, Cr, Ti, Nb and some other elements in kimberlites and the possibility of using geochemical methods in searching for kimberlite bodies [with summary in English] V A. Litinskii Geokhimiia no 9 742-749 '61

Use of semiquantitative spectrum analysis for some geochemical deductions. IU. N. Kapkov. Zap LGI 39 no. 2:110-123 '61.

GEOCHEMISTRY
(see also subdivision under Kazakhstan)
Fluorine, phosphorus, and trace element concentration in bone remains of fossil fishes and dolphins. L N. Kudrin, A S Sivkova, S. S Martynova. Dokl AN SSSR 142 no 4. 930-932 F '62.

Geochemistry and the resolutions of the 22d Congress of the CPSU. Geokhimiia no 1 3-5 '62.

"Geochemistry of the landscape" by A. I. Perel'man. Reviewed by A. A. Saukov Priroda 51 no 2:124-125 F '62

Perel'man, A. I. [Geochemistry and landforms] Geokhimiia i landshafty. Moskva, Izd-vo "Znanie," 1961. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser 12, Geologiia i geografiia, no. 19)

Summaries of the principal articles in "Geochimica et Cosmochimica Acta" no. 1, 1962. Geokhimiia no. 1: 93-96 '62.

Using nonparametric tests in statistical processing of geochemical data [with summary in English]. I. D. Riabchikov. Geokhimiia no. 9:807-811 '61

GEODESY
Shilov, P. I. [Geodesy] Geodeziia. Moskva, Izd-vo geodez. lit-ry, 1961. 392 p.

GEODESY—ABSTRACTS
[Astronomy and geodesy.] Ref. zhur. . Astron. i geod. no. 2 F '62.

GEODESY—CONGRESSES
S"ezd vsesoiuznogo astronomo-geodezicheskogo obshchestva. 3d, Kiev, 1960. [Transactions of the Congress of the All-Union Astronomical and Geodetic Society] Trudy. Moskva, Izd-vo Akad. nauk SSSR, 1962. 257 p.

GEO-ELECTRIC PROSPECTING see Electric prospecting

GEOGRAPHICAL NAMES see Names, Geographical

GEOGRAPHICAL RESEARCH
"Essays from the history of Russian geographical research in 1725-1765" by V I. Grekov Reviewed by A. V. Efimov, L. A. Gol'denberg. Vest AN SSSR 32 no. 2. 120-121 F '62

General meeting and meeting of the Department of Geology and Geography of the Academy of Sciences of the U.S.S.R. on November 14-17, 1961. Izv. AN SSSR. Ser. geog. no. 1:3-5 Ja-F '62.

Visit of a Columbian geographer to the U.S.S.R. IA. G. Mashbits. Izv. AN SSSR. Ser. geog. no. 1. 163-164 Ja-F '62.

GEOGRAPHICAL SOCIETIES see subdivision under Vologda

GEOGRAPHY
(see also subdivision under Burma; Germany, East; Poland)
Abroad. Geog. v shkole 25 no. 2:79-84 Mr-Ap '62.

Danilov, A. D. [Geography of the U.S.S.R.; nature and population] Geografiia SSSR; priroda i naselenie. Moskva, Izd-vo "Znanie," 1961. 38 p. (Narodnyi universitet kul'tury: Estestvennonauchnyi fakul'tet, no. 21)

[Land and people; geographical calendar for 1962] Zemlia i liudi; geograficheskii kalendar' 1962. Moskva, Gos. izd-vo geogr. lit-ry, 1961. 253 p.

——— ——— [Africa, 1951 and 1961; colored maps. Supplement] Afrika 1951 i 1961 gody; tsvetnye karty. Prilozhenie.

M. V. Lomonosov's role in developing geography and the science of natural history in Russia. A. A. Grigor'ev. Izv. AN SSSR. Ser. geog. no. 1:115-120 Ja-F '62.

GEOGRAPHY—ABSTRACTS
[Geography.] Ref. zhur.: Geog. nos. 2-3 F-Mr '62.

GEOGRAPHY—AUDIO-VISUAL AIDS
Combined apparatus for geographical study stations. A. E. Broshenko. Geog. v shkole 25 no 2:56-58 Mr-Ap '62 '62

Exhibition of visual aids on geography made by geography teachers, members of the All-Union Society of Inventors and Innovators. V. Erdeli. Geog. v shkole 25 no. 2: 86 Mr-Ap '62.

Hanging up maps and geographical pictures with the help of permanent magnets S I Nepomniashchi, V. I. Kir'ianov. Geog. v shkole 25 no. 2 58-59 Mr-Ap '62.

GEOGRAPHY—BIBLIOGRAPHY see Bibliography—Geography

GEOGRAPHY—CONGRESSES
General Conference of the Department of Geological and Geographical Sciences of the Academy of Sciences of the U S S R., November 17, 1961 Izv. AN SSSR Ser geol 27 no 3 129-131 Mr '62

GEOGRAPHY—RESEARCH see Geographical research

GEOGRAPHY—STUDY AND TEACHING
Anuchin, V. A. [Criticism on the comprehensiveness of geography] O kritike edinstva geografii. Predisl. N. N. Baranskogo. Moskva, Mosk. gos. univ., im. M. V. Lomonosova, 1961. 32 p.

Articles on the summer work of geography teachers printed in the periodical. Geog v shkole 25 no 2 74 Mr-Ap '62.

Connection between teaching geography and foreign languages. S. M. Nikonova Geog v shkole 25 no 2: 60-62 Mr-Ap '62.

"Development of geography lessons on continents" by B. A. Kondrat'ev, S. A Smirnov; "Northern Caucasus" by E. P. Maslov. Reviewed by F Rodionova Geog v shkole 25 no. 2:37 Mr-Ap '62.

Discussing special methods of teaching geography. Kh. I. Barskaia and others. Geog v shkole 25 no 2:86-87 Mr-Ap '62.

Editor's mail. Geog. v shkole 25 no. 2:65-67 Mr-Ap '62.

Extracurricular work on geography in boarding schools. D. M. Romanov. Geog v shkole 25 no 2 50-55 Mr-Ap '62.

"Geography of U. S. S. R." Reviewed by K. P. Stroev Geog. v shkole 25 no. 2:24-27 Mr-Ap '62.

Goroshchenko, V. P. [Studying geographical data in elementary schools; textbook for normal schools] Izuchenie geograficheskikh svedenii v nachal'noi shkole; uchebnik dlia pedagogicheskikh uchilishch Izd. 4., ispr. i dop. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961 173 p.

"Methods of teaching geography" by S F. Kargalova, T S Panfilova, V. G. Erdeli. Reviewed by V Kholopov Nar. obr. no. 2:119 F '62.

GEOGRAPHY, AGRICULTURAL see Agricultural geography

GEOGRAPHY, ANCIENT
El'nitskii, L. A. [Knowledge of northern lands in classical antiquity] Znaniia drevnikh o severnykh stranakh. Moskva, Gos. izd-vo geogr. lit-ry, 1961. 222 p.

GEOLOGICAL SOCIETIES

Activity of geological sections of the Moscow Naturalists' Society. Biul MOIP. Otd. geol. 37 no 1:145-148 Ja-F '62.

GEOLOGICAL SURVEYS

Aims and problems of large-scale hydrogeological surveys. A. A. Makkaveev. Sov geol 5 no 2:127-129 F '62.

Along unbeaten tracks. . . . F. Beliakova. Neva no. 10 217-218 '61.

Over-all inspection of geological surveying enterprises. P. I. Rakhmanov Bez. truda v prom. no. 1, 29-31 Ja '61.

GEOLOGICAL TIME

Age determination of beryls and other minerals containing inclusions by the Rb/Sr method [with summary in English] E. K. Gerling, IU. A Shukoliukov, I. I. Matveeva Geokhimiia no 1 67-72 '62

Age of terraces in the middle of the Vyatka River [with summary in English], N. G. Ivanova. Biul MOIP Otd. geol. 37 no. 1:111-119 Ja-F '62.

Analysis of errors in the lead method of absolute age determination [with summary in English]. I. V. Chernyshev Geokhimiia no 1 73-81 '62.

Determination of the age of metamorphic schists of the Baikal-Sayan mountainous region in the Academy of Sciences of the Ukrainian S. S. R M. P. Semenenko, F. I. Kotlova'ka, S. H. Domydenko. Geol zhur. 21 no 6: 56-66 '61.

Geochronology of the Pre-Cambrian [with summary in English]. A. P. Vinogradov, A. I. Tugarinov. Geokhimiia no. 9:723-731 '61.

Geological age of ancient alluvial sediments in the southern area of the lower Dnieper. V. O. Topacheva'kyi. Geol. zhur. 22 no. 1:106-109 '62.

Significance of the argon-potassium ratio in oceanic silt. A. IA. Krylov, A. P Lisitsyn, J I. Sitins. Izv. AN SSSR. Ser. geol. no. 3:87-100 Mr '61.

Some initial errors in the determination of absolute geological age by the strontium method [with summary in English]. I. M Gorokhov Geokhimiia no. 9:812-820 '61.

GEOLOGY

(see also subdivision under Bunger Hills region, Antarctica; Carpathian Mountains; Caucasus; Caucasus, Northern; Dnieper Valley, Fergana; Kokchetav Province; Kyzyl Kum; Minusinsk Basin; Polesye; Pytkov Kamen' region; Rodionovka region, Zaporozh'ye Province; Russian Platform; Sakhalin; Sayan Mountains; Sredinnyy Range; Tashkent Province; Transbaikalia; Tuva A. S. S. R.; Verkhoyansk Range; Volga-Ural region; White Russia, Zmeinyy Island)

Basic characteristics of the philosophical materialism in M. V. Lomonosov's works on geology; on the 250th anniversary of M. V. Lomonosov's birth. V. A. Aprodov Sov. geol. 4 no. 12:3-13 D '61.

Lomonosov and modern geology. V. E. Khain. Sov. geol. 4 no. 12:14-28 D '61.

M. V. Lomonosov; on the 250th anniversary of his birth. I. I. Shafranovskii. Zap. Vses. min. ob-va 90 no. 6: 652-659 '61.

Problems facing Soviet geologists in the light of the resolutions of the 22d Congress of the CPSU. Geol. zhur. 21 no. 5:3-4 '61.

Problems of geology in the light of the program of the CPSU. Vest. Mosk. un. Ser. 4: Geol. 17 no. 1:3-14 Ja-F '62.

Resolutions of the Central Asiatic and Kazakhstan Interdepartmental Conference on the Study of the Quarternary Period, Tashkent, February 20-25, 1961. Sov. geol. 4 no. 12:142-148 D '61.

Scientific conference of the faculty and students of the Moscow Geological Prospecting Institute. Izv. vys. ucheb. zav. ;geol. i razv. 4 no. 12:110-116 D '61.

"Short course in the geology of the U. S. S. R." by E. D. Shlygin. Reviewed by M. M. Lavrov. Izv. vys. ucheb. zav. ;geol. i razv. 4 no. 11:135-140 N '61.

Some problems of Soviet geologists and the 22d Congress of the CPSU. Biul. MOIP. Otd. geol. 37 no. 1:3-7 Ja-F '62.

Special features of geological processes [with summary in English, p. 186]. M. M. Odintsov. Vop. filos. 16 no. 3:131-136 '62.

Zhukov, M. M., V. I. Slavin, and N. N. Dunaeva. [Principles of geology] Osnovy geologii. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr. 1961. 625 p.

GEOLOGY—ABSTRACTS

[Geology.] Ref. zhur. : Geol. no. 2 F '62.

GEOLOGY—BIBLIOGRAPHY see Bibliography—Geology

GEOLOGY—CHARTS, DIAGRAMS, ETC.

Method of plotting geological profiles. Azhdar Aliev. Dokl. AN Azerb. SSR 17 no. 12:1169-1172 '61.

GEOLOGY—CONGRESSES

First All-Union Conference on the X-ray Study of Minerals, held in Kiev, September 25-29, 1959. IA. Giller, IU. F. Pekun. Min. sbor. no. 14:475-476 '60.

General Conference of the Department of Geological and Geographical Sciences of the Academy of Sciences of the U. S. S. R., November 17, 1961 Izv AN SSSR. Ser. geol 27 no 3 129-141 Mr '62

[Papers of the Faculty of Geology of Moscow University; for the 21st session of the International Geological Congress] Sbornik trudov geologicheskogo fakul'teta Moskovskogo universiteta; k XXI sessii Mezhdunarodnogo geologicheskogo kongressa. [Moskva] Izd-vo Mosk. univ., 1961. 222 p.

Triassic sediments in France; conference on the Triassic in France and adjacent countries. V. I. Slavin. Sov geol 4 no. 12:148-151 D '61.

GEOLOGY—DICTIONARIES

A brief Russian-Chinese geological dictionary. V. P. Petrov. Min sbor. no. 14:436-444 '60.

GEOLOGY—MAPS

Combined use of geophysical methods in making large-scale maps. G S. Shteinberg. Zap. LGI 39 no 2:114-118 '61.

Conference on the establishment of an international standard symbols for geological maps and petrological plans. IU. A. Ivanov. Sov. geol 5 no 2:149-151 F '62.

Efficient methods for geological mapping and prospecting in salt-dome regions. G. D. -A. Aizenshtadt and others. Sov. geol. 4 no 12:113-116 D '61.

GEOLOGY, ECONOMIC

Important problems of the subsurface and mining geology. Sov. geol. 5 no. 1:3-8 Ja '62.

Let us carry out the decisions of the historic 22d Congress of the CPSU. Sov. geol. 4 no. 12:I-IV D '61.

Under the leadership of the Party to the victory of communism. Zap. Vses. min. ob-va 90 no. 6:I-II '61.

GEOLOGY, STRATIGRAPHIC

(see also subdivision under Adz'va Valley; Alazeya Plateau; Altai Mountains; Amur Valley; Antarctic regions, Arai Sea region; Bakhchisaray District; Berdyanskaya Spit; Birsk region; Carpathian Mountain region; Chernogora Range region; China, Chusovaya Valley; Dniester Valley; Donets Basin, Dzhebrail District; Ekhabi region, France; Karadag region; Karategin Range; Kazakhstan; Kil'mentay District; Kostenki; Kostenki region; Krasnodar Territory; Lesser Khingan Mountains; Mgachi region, Northern Dvina Valley; Nura Valley; Ob' Valley; Okha region; Pechora Valley; Pripet Valley; Russia, Southern; Saitovo region; Sakhalin, Siberia, Eastern; Sikhote-Alin' Range; Soviet Far East; Sukhnay Baybet region; Svalyava region; Tatar A. S. S. R.; Taymyr Peninsula; Tien Shan; Timan Ridge; Tuva A. S. S. R.; Udmurt A. S. S. R.; Ural Mountains; Uzbekistan; Verkhoyansk Range; Volga Valley; Volga-Ural region; Volgograd region; Volyn-Podolian Upland; Vorkuta region, Komi A. S. S. R.; White Russia)

Basic line of evolution of the higher primates in the Neocene. M. A. Gremiatskii. Vop. antr. no. 7:3-8 '61.

Delineation of the lower Cretaceous stages. V. V. Drushchits. Biul. MOIP. Otd. geol. 37 no. 1:154-155 Ja-F '62.

GEOLOGY, STRATIGRAPHIC—CONGRESSES

Sixth Congress of the International Association on the Study of the Quaternary Period (INQUA) in Poland, 1961. M. I. Neishtadt. Izv. AN SSSR. Ser. geog. no. 1: 150-155 Ja-F '62.

GEOLOGY, STRUCTURAL

(see also subdivision under Altai Mountains, Apsheron Peninsula; Azov Sea region; Caspian Sea region; Caucasus; Dnieper-Donets Lowland; Donetsk Province; Gissar Range; Iceland; Kara-Tau, Krasnodar Territory; Kura Lowland; Moldavia; Pamirs; Sakhalin; Siberia, Western; Siberian Platform; Transbaikalia; Ukraine; Ulu-Tau; Zyrya region)

Some characteristics of the subsurface geology of the platform type territories in the Soviet Union. A. A. Borisov. Sov. geol. 5 no. 1:35-53 Ja '62.

Tectonics and igneous activity. A. V. Peive. Izv. AN SSSR. Ser. geol. no. 3:36-54 Mr '61.

GEOLOGY, STRUCTURAL—MAPS see subdivision under Sakhalin; Volgograd Province

GEOMETRICAL OPTICS see Optics, Geometrical

GEOMETRY

Pogorelov, A. V. [Some results in geometry in the large] Nekotorye rezul'taty po geometrii v tselom. Khar'kov, Izd-vo Khar'kovskogo Gos. univ., 1961. 88 p.

Problems concerning the creation of a machine language for geometry. N. M. Ermolaeva, IU. A. Shikhanovich. Soob. LEM AN SSSR no. 1:211-215 '60.

GEOMETRY—AUDIO-VISUAL AIDS

Comparative efficiency of various methods of combining visual aids in geometry classes. A. K. Artemov. Dokl. APN 5 no. 5, 35-38 '61.

GEOMETRY—PROBLEMS, EXERCISES, ETC.

Danilova, E. F. [How to help students find a way to solve geometrical problems] Kak pomoch' uchashchimsia nakhodit' put' k resheniiu geometricheskikh zadach. 2. ispr. i dop. izd. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 141 p. (Iz opyta uchitelia)

GEOMETRY—STUDY AND TEACHING

Generalized conception in problem solving Report No 2 Some prerequisites for the origin of initial conception A. V. Brushlinskii. Dokl. APN 5 no 2:49-54 '61

GEOMETRY, ALGEBRAIC

Estimates of the chromatic number of connected graphs A. P. Ershov, G. I. Kozhukhin. Dokl. AN SSSR 142 no 2, 270-273 Ja '62

GEOMETRY, ANALYTIC—GRAPHIC METHODS

Analytical properties of a graph with one circuit and five external momenta [with summary in English] I. I. Kostyrko. Dop. AN URSR no 2:161-164 '62

GEOMETRY, DESCRIPTIVE

Zelenin, E. V. [Course in descriptive geometry including problems and exercises] Kurs nachertatel'noi geometrii s zadachami i uprazhneniiami. Izd. 2., dop. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 392 p.

GEOMETRY, DIFFERENTIAL

Affine connectivities on manifolds of nearly complex structure V. A. Gaukhman. Dokl. AN SSSR 142 no. 4: 776-780 F '62.

Katilius, P. [Differential geometry] Diferencialine geometrija. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 292 p. [In Lithuanian]

Pogorelov, A. V. [Lectures on differential geometry] Lektsii po differentsial'noi geometrii. Izd. 3. Khar'kov, Izd-vo Khar'kovskogo Gos. univ. im. A. M. Gor'kogo 1961. 105 p.

[MICROFILM]

GEOMETRY, PROJECTIVE

Chetverukhin, N. F. [Projective geometry] Proektivnaia geometriia. Izd. 7. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 359 p.

Linear manifolds of straight lines and planes in four-dimensional projective space. S. E. Kazarpetian. Izv AN Arm. SSR. Ser. fiz.-mat. nauk 15 no. 1:53-72 '62

Modenov, P. S., and A. S. Parkhomenko. [Geometrical transformations] Geometricheskie preobrazovaniia. [Moskva] Izd-vo Mosk. univ., 1961. 230 p.

GEOMETRY, SOLID

Some correct problems for ultrahyperbolic and wave equations with data on the characteristic cone. A. S. Blagoveshchenskii. Dokl. AN SSSR 140 no. 5:998-[illegible] O '61.

GEOMORPHOLOGY

(see also subdivision under Belozersk District, Bulgaria; Lava Valley; Siberia, Western; Ural Mountain region; Volga Valley; Vologda Province)

Geomorphological problems in M. V. Lomonosov's works on the 250th anniversary of his birth. V. A. Panfilov. Sov. geol. 4 no. 12:107-113 D '61.

My reply to L. G. Kamanin and S. S. Korzhuev. I. S. Shchukin. Izv. AN SSSR. Ser. geog. no. 1:130-132 Ja-F '62.

Some data on the effect of man's activity on recent processes of relief formation E. N. Azbukina. Uch. zap. LGU no. 298:37-46 '61.

GEOPHYSICAL PROSPECTING see Prospecting—Geophysical methods

GEOPHYSICAL RESEARCH

(see also subdivision under Ukraine)

Science and the building of communism. Geomag. i aer. 1 no. 6:853-855 N-D '61.

GEOPHYSICS

Free oscillations of the earth; attenuation. V. N. Zharkov Izv. AN SSSR. Ser. geofiz. no. 2:169-170 F '62.

GEOPHYSICS—ABSTRACTS

[Geophysics.] Ref. zhur. : Geofiz. nos. 1-2 J-F '62.

GEOPHYSICS—BIBLIOGRAPHY see Bibliography—Geophysics

GEOPOLITICS

Drogel', E. IA. [The "theories" of imperialist aggressors "Teorii" imperialisticheskoi agressii. Moskva, Izd-vo "Znanie," 1961. 46 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 2, Filosofiia, no. 23)

GEORGIA—ADMINISTRATIVE AND POLITICAL DIVISIONS

[Administrative and territorial division of the Georgian S. S. R.] as of May 1, 1960] Administrativno-territorial'noe delenie Gruzinskoi SSR na 1 maia 1960 goda. Izd. 2. Tbilisi, Otdel po voprosam raboty Sovetov Prezidiuma Verkhovnogo Soveta Gruzinskoi SSR, 1960. 304 p.

[MICROFILM]

GEORGIA—BRONZES
"Bronzes of ancient Georgia" by F. Tavadze, T. Sakvarelidze. Reviewed by V. A. Pazukhin. Sov. arkheol. 6 no. 1:316-320 '62

GEORGIA—CALAVERITE
Tellurous mineral in the pyrite type copper sulfide ores of southeastern Georgia. E. L. Lakhadze, G. V. TSintsadze. Soob. AN Gruz. SSR 27 no. 6:699-702 D '61.

GEORGIA—DWELLINGS
Dwellings and settlements of Georgian mountaineers in the past and in the present. A. I. Robakidze. Krat. soob. Inst. etn. no. 36:29-35 '62

GEORGIA—ECONOMIC ZONING
Characteristics of the establishment of economic regions in a mountain country as exemplified by the Georgian S. S. R. G. G. Gvelesiani. Soob. AN Gruz. SSR 27 no. 6: 679-685 D '61.

GEORGIA—EFFICIENCY, INDUSTRIAL
The cooperation of labor, science, and culture. F. Makharadze. Kommunist 38 no. 4:127-128 Mr '62.

GEORGIA—FAMILY
The undivided family according to Georgian ethnographic data. R. I. Kharadze. Krat. soob. Inst. etn. no. 36:22-28 '62.

GEORGIA—LABOR AND LABORING CLASSES
Natmeladze, M. V., and N. I. Surun. [History of the Georgian laboring classes, 1921-1958] Iz istorii rabochego klassa Gruzii, 1921-1958 gg. Tbilisi, Izd-vo. Akad. nauk Gruzinskoi SSR, 1961. 248 p.

GEORGIA—LAUREL
Origin of bay laurel (Laurus nobilis) in northern Georgia. K. F. Ankvab. Biul. Glav. bot. sada no. 43:12-14 '61.

GEORGIA—MANGANESE ORES
Distribution of dispersed amounts of manganese, iron, and phosphorus in the manganese-bearing deposits of the Georgian S. S. R. G. Sh. Butuzova, L. E. Shterenberg. Dokl. AN SSSR 142 no. 6:1305-1308 F '62.

GEORGIA—ORE DEPOSITS
Conditions of the formation of the ore beds of Gornaya Racha. T. A. Tvalchrelidze. Soob. AN Gruz. SSR 27 no. 6:703-709 D '61.

GEORGIA—ORTHOPEDIC SOCIETIES
Report on the 6th session of the Georgian Society Traumatologists and Orthopedists. E. F. Lordkipanidze. Ortop., travm. i protez. no. 12:64-65 '61.

GEORGIA—PHYSIOLOGY—RESEARCH
A brief review of the work of the Institute of Physiology of the Academy of Sciences of the Georgian S. S. R., on the 40th anniversary of Soviet Georgia [in Georgian]. Trudy Inst. fiziol. AN Gruz. SSR 12:3-18 '61.

GEORGIA—SCIENCE
Mushkelishvili, N. I. [Science in Soviet Georgia; brief review] Nauka v Sovetskoi Gruzii; kratkii obzor. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1961. 87 p.

GEORGIA—TAPEWORMS
Distribution of species of the genus Diphyllobothrium in Georgia. T. E. Rodonaia, B. E. Kurashvili. Soob. AN Gruz. SSR 27 no. 6:703-704 D '61.

GEORGIA—VILLAGE COMMUNITIES
The undivided family according to Georgian ethnographic data. R. I. Kharadze. Krat. soob. Inst. etn. no. 36:22-28 '62.

GEORGIA—WASPS
Materials on a faunistic survey of the genus Polistes (Vespidae, Hymenoptera) in Georgia. D. N. Kobakhidze. Soob. AN Gruz. SSR 27 no. 6:759-761 D '61.

GEPTNER, VLADIMIR GEORGIEVICH, 1901
Vladimir Georgievich Geptner; on his 60th birthday. E. E. Syroechkovskii. Izv. AN SSSR. Ser. geog. no. 1: 164-165 Ja-F '62.

GERANIC ACID
Cyclization of isoprenoid compounds. Report No. 4. Low temperature cyclization of geranic acid and its ester. V. A. Smit and others. Izv. AN SSSR. Otd. khim. nauk no. 2 312-317 F '62.

GERIATRICS
(see also subdivision under Tatar A. S. S. R.)
Our experience with geriatric surgery. N. I. Trutan'. Nov. khir. arkh. no. 2:39-42 '62.
Some characteristics of acute inflammatory diseases of the abdominal organs in elderly subjects [with summary in English]. K. I. Myshkin, I. I. Skatin. Sov. med. 25 no. 12:30-35 D '61.

GERIATRICS—CONGRESSES
Second Conference on Problems of Gerontology and Geriatrics. G. L. Khit'. Vop. antr. no. 7:145-146 '61.

GERMAN DEMOCRATIC REPUBLIC see Germany, East

GERMAN FEDERAL REPUBLIC see Germany, West

GERMAN LANGUAGE—OLD HIGH GERMAN—TERMS AND PHRASES
Semantics of the Old High German verb "faran." V. L. Silin. Vest. Mosk. un. Ser. 7. Filol., zhur. 17 no. 1: 83-88 Ja-F '62.

GERMAN LANGUAGE—STUDY AND TEACHING
Class, group and individual synthetic home reading in the German language in senior grades. E. S. Rabunskii. Dokl. APN 5 no. 5:49-52 '61.
Gez, N. I., and G. A. Shtegeman. [Methodological instructions for the tenth-grade German textbook; teachers' manual] Metodicheskie ukazaniia k uchebniku nemetskogo iazyka dlia X klassa, posobie dlia uchitelei. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSVSR, 1961. 108 p.
Shellapina, L. S. [Teaching the German spoken language in a boarding school; grades 1-2] Obuchenie nemetskoi ustnoi rechi v shkole-internate, I-II klassy. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1961. 84 p. (Biblioteka shkol-internatov)
Teaching the spoken language in the fifth grade during the third quarter. V. Vykhota. Nar. asv. no. 1:74-83 Ja '62
TSirapkina, E. S. [German language in a kindergarten; from the experience of teaching the German language in the Kindergarten No. 1 of Ryazan] Nemetskii iazyk v detskom sadu; iz opyta obuchenila nemetskomu iazyku v detskom sadu No. 1, g. Riazani. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 94 p.
Use of technical terminology in teaching the German language in evening (staggered) schools for adults. Report No. 1. Comparing the effectiveness of methods of lexicological interpretation and translation. E. A. Khokhlachev. Dokl. APN 5 no. 5:45-48 '61.
Varieties of class, group and individual homework assignments and the forms of their coordination. E. S. Rabunskii. Dokl. APN 5 no. 3:27-30 '61.

GERMAN REUNIFICATION QUESTION (1949-)
In the past and now. Mezhdunar. zhizn' 9 no. 3 147-150 Mr '62.

GERMANATES—SPECTRA
Vibrational spectra of silicates. Part 4. Interpretation of the spectra of silicates and germanates with annular anions. A. N. Lazarev. Opt. i spektr. 12 no. 1:60-65 Ja '62.

GERMANIUM
(see also subdivision under Ukraine)
Diffusion and solubility of thallium in germanium. V. I. Tagirov, A. A. Kuliev. Fiz. tver. tela 4 no. 1:272-275 Ja '62.
Double Coulomb excitation of the 0^+ level in Ge^{70}. IU. P. Gangrskii, I. Kh. Lemberg. Izv. AN SSSR. Ser. fiz. 26 no. 2:212-214 F '62.
Forms of germanium migration during lithogenesis. I. P. Lomashov. Dokl. AN SSSR 140 no. 5:1174-1176 O '61.
Hall coefficient of p-germanium as a function of the magnetic field strength. P. I. Baranskii, R. M. Vinetskii. Fiz. tver. tela 4 no. 1:280-281 Ja '62.
Negative photoconductivity in germanium at the temperature of liquid helium. V. P. Dobrego, S. M. Ryvkin. Fiz. tver. tela 4 no. 2 553-555 F '62.
Sensitivity of germanium and silicon photocells in the region of impurity excitation. F. M. Berkovskii, S. M. Ryvkin. Fiz. tver. tela 4 no. 2:366-375 F '62.
"Slow" diffusion of silver in germanium. V. E. Kosenko. Fiz. tver. tela 4 no. 1:59-61 Ja '62.
Surface recombination rate on the interface germanium - electrolytic solution. V. A. Tiagai, IU. V. Pleskov. Fiz. tver. tela 4 no. 2 343-346 F '62.
Thermodynamics of germanium reactions taking place during the thermal processing of coal. G. A. Bergman, E. I. Shmuk. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 1:60-66 Ja-F '62.

GERMANIUM—ELECTRIC PROPERTIES
Current efficiency in the anodic dissolution of germanium. M. N. Platonova. Zhur. prikl. khim. 35 no. 2:334-337 F '62.

GERMANIUM CRYSTALS
Some characteristics of the growth of germanium dendrites, their twin structure, and the anomalous segregation of impurities in dendritic crystallization. M. A. Medvedev and others. Fiz. tver. tela 4 no. 1:36-43 Ja '62.

GERMANIUM CRYSTALS—DEFECTS
Radiation defects in n-germanium, caused by the action of fast electrons. B. M. Konovalenko, S. M. Ryvkin, I. D. IAroshetskii. Fiz. tver. tela 4 no. 2:379-382 F '62.

GERMANIUM CRYSTALS—ELECTRIC PROPERTIES
Investigating the magnetoelectric properties of n- and p-type germanium monocrystals along their main crystallographic axes. R. G. Annaev and others. Trudy Fiz.-tekh. inst. AN Turk. SSR 7:3-34 '61.

GERMANIUM CRYSTALS—GROWTH
Mechanism of the growth of germanium layers. G. A. Kurov. Fiz. tver. tela 4 no. 2 564-567 F '62.

GERMANIUM CRYSTALS—MAGNETIC PROPERTIES
Investigating the magnetoelectric properties of n- and p-type germanium monocrystals along their main crystallographic axes. R. G. Annaev and others. Trudy Fiz.-tekh. inst. AN Turk. SSR 7:3-31 '61.

GERMANY—COMMERCE—RUSSIA
The Russo-German Commercial Treaty of 1904. M. L. Ostretsova. Uch. zap. Mosk. gor. ped. inst. 93:137-216 '59.

GERMANY—ECONOMICS
"German academic socialism" [in German] by F. Vocklerling. Reviewed by B. A. Aizin. Vop. ist. no. 3: 177-179 Mr '62.

GERMANY—FOREIGN RELATIONS
"From Ribbentrop to Adenauer, documents concerning the Bonn Ministry of Foreign Affairs" [in German] Reviewed by K. Vladimirov, T. Nikolaev. Mezhdunar. zhizn' 9 no. 3 136-142 Mr '62.

GERMANY—HISTORY
"German antifascists in the struggle against Hitler's dictatorship" by L. I. Gintsberg, IA. S. Drabkin. Revised by M. Kiymskii. Prep. ist. v shkole 17 no. 2 101-103 Mr-Ap '62.
"Germany under the fascist regime, 1933-1939" by G. L. Rozanov. Reviewed by L. I. Gintsberg. Vop. ist. no. 3: 143-146 Mr '62.
Notes on books. Sred. veka no. 19:283-284 '61.
Rozanov, G. L. [Germany under the rule of fascism, 1933-1939] Germaniia pod vlast'iu fashizma, 1933-1939 gg. Moskva, Izd-vo IMO, 1961. 502 p.
Suppression of bourgeois democracy in Germany during the rule of fascists [with summary in English, p. 221]. G. N. Goroshkova. Vop. ist. no. 2,115-121 F '62.

GERMANY—POLES
"Aussenpolitik" is angry with the historian Geiss. K. B. Vinogradova. Vop. ist. no. 3:191-192 Mr '62.

GERMANY—POLITICAL PRISONERS
"Human race will rise." Reviewed by M. Vasil'ev. Doshk. vosp. 35 no. 2:118-120 F '62.

GERMANY—REFORMATION
"Dialogues. Publicism. Letters." by Ulrich von Hutten. Reviewed by V. E. Sred. veka no. 19 246-247 '61.

GERMANY—RELATIONS (GENERAL) WITH RUSSIA
Formation of the society "Friends of New Russia" in Germany [with summary in English]. M. S. Kuz'min. Vest. LGU 17 no. 2:150-155 '62.

GERMANY—SOCIALIST PARTY
Peaceful settlement of the German problem and the "court opposition." M. Voslenskii. Mezhdunar. zhizn' 9 no. 3 54-62 Mr '62.
Struggle of German and French socialists against militarism and military provocations in the 1880's. IU. M. Grigor'ev. Vop. ist. no. 3:183-184 Mr '62.

GERMANY—WORLD WAR, 1939-1945
Aggression of Fascist Germany against Poland and the position of the western states. V. Dashichev. Voen.-ist. zhur. 3 no. 12 36-49 D '61.

GERMANY, EAST—GEOGRAPHY
"German Democratic Republic" by S. I. Ledovskikh; "Studying the hometown in the economic geography course" by K. P. Goreva Reviewed by A Shibanova Geog. v shkole 25 no. 2:87 Mr-Ap '62.

GERMANY, EAST—GLIDING AND SOARING
Gliding in East Germany Guenter Staman Kryl. rod. 13 no 1 17 Ja '62.

GERMANY, EAST—HAIRDRESSING
Modern hair style Mest. prom. i khud promys. 3 no. 1 20-21 Ja '62

GERMANY, EAST—INDUSTRIAL MANAGEMENT
Intraplant comparative analysis in the German Democratic Republic. S Deich. Bukhg. uchet 19 no 2 72-73 F '62.

GERMANY, EAST—LABOR DISPUTES
Examination of labor disputes in the German Democratic Republic. B. Strashun. Sov. just. no. 2 25-26 Ja '62

GERMANY, EAST—MINE HAULAGE
Expansion of conveyer transport in the open-pit mines of the German Democratic Republic M G. Potapov, P. V. Molchanov Ugol' 37 no. 3.60-61 Mr '62.

GERMANY, EAST—MUSIC
The composer and society. K. Schwen Sov. muz. 26 no. 2:126-127 F '62.

GERMANY, EAST—OFFICE EQUIPMENT AND SUPPLIES
Mechanizing the work of the administrative staff. Bruno Porsche. Vnesh. torg. 42 no 2:35-36 '62.

GERMANY, EAST—TANKS (MILITARY SCIENCE)
On guard for their native republic. Starsh. -serzh no 11 13 O[i. e. N] '61

GERMANY, EAST—WAGE PAYMENT SYSTEMS
Compiling a reference book for using wage forms and systems in the German Democratic Republic G. Shiutte. Biul nauch inform tiud i zar: plata 5 no 1 59-60 '62

GERMANY, WEST—ARMED FORCES
Bundeswehr shows its claws. N. Sergeev Starsh. -serzh. no. 10 28 O '61

GERMANY, WEST—ARMS AND ARMOR
Armament of the Bundeswehr. A Aleksandrov Voen. vest 41 no 10.120-122 O '61

GERMANY, WEST—BORING MACHINERY
Modern drilling machines manufactured by West German and Swedish firms E. V Sheremet'ev Izv AN Kazakh SSR, Ser. gor dela no 2:114-120 '61.

GERMANY, WEST—COAL PREPARATION
Partial underground coal preparation. H Shoenmueller. Oborg. i brik. ugl. no 17.105-114 '61

GERMANY, WEST—DEFENSES
The German Federal Republic and the arms race. F. Nikol'skii. Mir. ekon i mezhdunar. otn. no. 3:116-120 Mr '62.
Revanchism in cellophane. G. Gurkov. Ogonek 40 no. 7: 22-23 F '62.

GERMANY, WEST—DESCRIPTION AND TRAVEL
Shelnis, Z. S. [Wotan's shadow is here again] Snova ten' Votana. Moskva, Gos izd-vo polit. lit-ry, 1961 68 p.

GERMANY, WEST—DIPLOMATS
The Ministry of Foreign Affairs of the Federal German Republic. Mezhdunar. zhizn' 9 no.4 147-148 Ap '62.

GERMANY, WEST—EDUCATION, ELEMENTARY
The periodical "Der Stern" had to admit this. Ukraina no. 3 6 F '62

GERMANY, WEST—FOREIGN ECONOMIC RELATIONS—TURKEY
Legal successors of German colonialism in Turkey. B Potapovskii. Az. i Afr. seg. no. 2:26-28 F '62.

GERMANY, WEST—FOREIGN RELATIONS
"From Ribbentrop to Adenauer; documents concerning the Bonn Ministry of Foreign Affairs" [in German]. Reviewed by K. Vladimirov, T. Nikolaev. Mezhdunar. zhizn' 9 no. 3:138-142 Mr '62
The Ministry of Foreign Affairs of the Federal German Republic. Mezhdunar. zhizn' 9 no. 4:147-148 Ap '62.
Shaposhnichenko, P. P. [Policy of the Bonn Government is a menace to the security of European states; a study of the foreign policy of the German Federal Republic in 1949-1961] *Politika Bonna - ugroza bezopasnosti v Evrope; ocherk vneshnei politiki FRG, 1949-1961 gg.* Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1962, 131 p.

GERMANY, WEST—HISTORY—STUDY AND TEACHING
"The Third Reich in history classes of West German schools" [in German] by R. Seliger. Reviewed by T. D. Auerbach. Vop. ist no. 3:196 Mr '62.

GERMANY, WEST—LIBRARIES
Status of public libraries in the Federal Republic of Germany. T. S. Stupnikova. Bibliotekoved i bibl za rub. no. 8:124-142 '61.

GERMANY, WEST—MACHINE-TOOL INDUSTRY
Machine tools manufactured in West Germany. I. P Donchik Mashinostroenie no. 1:116-119 Ja-F '62

GERMANY, WEST—MILITARISM
Bonn provocateurs and revanchists. N. Ismailov. Vest Vozd. Fl. no. 11,92 N '61
Collaboration of the dollar and the swastika. L. P. Makarov, N. F Golovanov. Vest. Vozd Fl. no. 10;91-94 O '61.
The road of revanche and aggression. L. Makarov, N. Golovanov. Komm Vooruzh Sil 2 no. 5:80-84 Mr '62.

GERMANY, WEST—MILITARY POLICY
Bonn is a hotbed of militarism and revenge. I. Sergeeva. Otv na vop. trud no. 6;29-34 Je '61.

GERMANY, WEST—POLITICS AND GOVERNMENT
Social Democratic Party of Germany before the Bundestag elections. M. Bystrov. Otv. na vop trud. no. 6; 35-42 Je '61

GERMANY, WEST—SOCIAL SCIENCES—STUDY AND TEACHING
Ideological basis and problems of political training of youth in West Germany. T. F. IArkina. Sov. pedag. 26 no. 1:141-146 Ja '62.

GERMANY, WEST—TANKS (MILITARY SCIENCE)
Armament of the Bundeswehr. A. Aleksandrov. Voen. vest 41 no. 10 120-122 O '61.

GERMANY, WEST—TRUCK TRAILERS
Special purpose semitrailers and trailers manufactured at the Blumhardt Plant in West Germany. Avt transp. 40 no 3 56 Mr '62.

GERMANY, WEST—WAR CRIMINALS
"Unpunished war criminals", collected documents [in German]. Reviewed by M. Krymskii Mezhdunar. zhizn' 9 no. 1;137-139 Ap '62.

GERMICIDES see Disinfection and disinfectants, *Fungicides*

GERMINATION
Changes of pH and Eh in cotton seeds soaked in water. M. Kh. Ibragimov. Uzb. biol. zhur. no. 6:26-31 '61.
Structure and germination of seeds of Astragalus denisssimus Boriss. and Astragalus pileodeladus Freyn et Sint. I. A. Pankova, A. A. Nikitin. Trudy Bot. inst. Ser. 5 no. 10:150-168 '62.
Transformation of protein fractions during the germination of corn seeds A. N. Pavlov. Dokl AN SSSR 143 no 1 235-238 Mr '62

GESTATION see Pregnancy

GETTERS
Glebov, G. D. [Absorption of gases by active metals] Poglosheniie gazov aktivnymi metallami. Moskva, Gos. energ. izd-vo, 1961. 183 p.

GEYSERS see subdivision under Dagi Bay

GHANA
Brief notes about new states, Ghana and Dahomey. Mezhdunar. zhizn' 9 no. 4 152-155 Ap '62.

GHANA—ADVERTISING
Advertising in the Republic of Ghana. A. Zlotnikova. Vnesh. torg. 42 no. 2.45-46 '62.

GHANA—DESCRIPTION AND TRAVEL
In the midst of a green savanna. V. Iordanskii. Vokrug sveta no. 1-24-27,57 Ja '62.

GHANA—THEATER
A play which exposes religious superstitions. S. Mezhyrova. Voiov. ateist no. 2, 55 F '62

GIBBERELLINS
Effect of gibberellin on photosynthesis and respiration in leaves of the tea plant. *M. A. Ali-zade, A. M. Babaeva* Dokl. AN SSSR 142 no 2:476-480 Ja '62.

GIBBSITE see subdivision under Ural Mountains

GILYAKS see subdivision under Amur Valley; Sakhalin Island

GINSENG
Pharmacological study of the ginseng herb, Panax schinseng Nees V. Esenb [with summary in English]. N. I. Suprunov. Apt. delo 10 no 6;28-35 N-D '61

GINZBURG, GRIGORII ROMANOVICH, 1904-1962
Heavy losses. S. Feinberg. Sov. muz. 26 no 2;93-97 F '62.

GINZBURG, LEV NATANOVICH, 1911-
Jubilee of Professor L. N. Ginzburg, doctor of technical sciences. Tekst prom 22 no. 1.96 Ja '62

GIRDERS see Beams and girders

GIRDERS, CONTINUOUS see Beams and girders, Continuous

GISSAR RANGE—GEOLOGY, STRUCTURAL
Recent tectonic pattern of the southwestern spurs of the Gissar Range. V. M. TSeisler. Izv vys. uchab. zav., geol. i razv 4 no 12;30-39 D '61

GISSAR RANGE—ROCKS, IGNEOUS
Role of metasomatism in the genesis of granitoid rocks and postmagmatic formations in the southern part of the Gissar Range (southern Tien Shan) R B. Baratov, A Kh Khasanov Dokl AN SSSR 142 no 6 1355-1358 F '62

GLACIERS see subdivision under Altai Mountains; Soviet Central Asia

GLADIOLUS
Monoculture of gladioli and viability of their corms. V. A Sharonov Biul. Glav bot. sada no 44 77-82 '61

GLANDS, DUCTLESS see Endocrine glands

GLASS
The dimensions of structural sheet glass. N. Kozlov. Zhil stroi no 12,23 '61.
Formation of color centers in quartz glass and sodium silicate glass under the action of gamma radiation G. V. Blurganovskaia, N F. Orlov. Opt. i spektr 12 no. 2,278-284 F '62.
Reversibility of cracks in glass V M. Finkel', I A Kalkin Dokl AN SSSR 143 no 1 90-91 Mr '62

GLASS—ELECTRIC PROPERTIES
Conductance of sodium-lead-silicate glass containing iron oxide. L. A. Grechanik, E. A. Fainberg, I N Zertsalova. Fiz. tver. tela 4 no. 2:454-457 F '62.

GLASS—SPECTRA
Absorption bands of latent image centers in photosensitive glass. V. A. Borgman, V. G. Chistoserdov. Opt i spektr 12 no. 1;140-141 Ja '62.
Coordination of gallium and aluminum in vitreous silicates. S. K. Dubrovo, A. A. Kefeli Zhur. prikl. khim. 35 no. 2;441-443 F '62.

GLASS BLOWING AND WORKING
Nilender, R. A., ed. [Vacuum technology; properties and treatment of glass. Translated from the Hungarian] Vakuumnaia tekhnika; svoistva stekla i ego obrabotka. Moskva, Gos. energ. izd-vo, 1961. 158 p.

GLASS CONSTRUCTION
Glass and lightweight reinforced concrete panels with joints. A. Kolmovskoi. Zhil. stroi no. 12 28-29 '61

GLASS CONTAINERS
Use of blood transfusion bottles as containers for plasma drying I. V. Ivanov. Zdrav. Bel. 7 no. 8.58-60 Ag '61

GLASS ELECTRODES see Electrodes, Glass

GLASS FACTORIES see subdivision under Gomel'

GLASS FIBER INDUSTRY—EQUIPMENT AND SUPPLIES
Accelerate the output of equipment for glass fiber plants K. F. Leonov. Standartizatsiia 26 no. 2.39-40 F '62

GLASS FIBERS—TESTING
Floating device for determining the tensil strength of glass fibers [with summary in German]. O. Kukurs, B Hofmanis Izv. AN Latv. SSR no. 1:75-76 '62

GLASS MANUFACTURE
Zezin, M. A. [Regulating devices of automatic control systems used in glass manufacture] Reguliruiushchie ustroistva sistem avtomatiki v stekol'noi promyshlennosti. Moskva, Gos. nauchno-issl. in-t stekla, 1961. 53 p. (Sbornik nauchno-tekhnicheskoi informatsii)

GLASS MANUFACTURE—HYGIENIC ASPECTS see subdivision under Ordzhonikidzevskiy District

GLASS PIPE see Pipe, Glass

GLASS REINFORCED PLASTICS
Sorochishin, A. G. [Glass reinforced plastics; manufacture and use] Stekloplastiki; proizvodstvo i primenenie. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 166 p. (Novye stroitel'nye materialy)
Supporting pantograph insulators made from glass reinforced plastics B. M. Chernavskii Elek. i tepl tiaga 6 no 2 22 F '62.

GLASS REINFORCED PLASTICS—TESTING
Statistical development of the results of testing AG-4C-type glass plastics for strength. E. I. Stepanychev. Plast massy no. 2:63-67 '62.

GLASS RESEARCH
Formation of glass-microcrystal structures. N. V. Solomin, V. I. Shelubskii, N. M. Vaisfeld. Dokl. AN SSSR 140 no. 5;1087-1089 O '61.

GLASSWARE, EGYPTIAN

Two vessels of Egyptian glass from the collections of the Samarkand Museum M. Amindzhanova Nauch. rab i soob Otd. obshchestv. nauk AN Uz. SSR 2:280-283 '61

GLAUCONITE

Catalytic contact transformations of cyclohexane and methylcyclohexane in the presence of a natural glauconite catalyst V. I. Kvitkashvili Soob. AN Gruz. SSR 27 no. 6:671-676 D '61.

GLAUCOPHANE see subdivision under Ural Mountains

GLAZING

Glazing window casements without using putty. IU. Vernikovskii. Sel'stroi 16 no 12 24 D '61

GLENN, JOHN HERSHEL, 1921-

John Hershel Glenn Nov vrem 20 no 10 11 My '62

GLIDERS (AERONAUTICS)

Unusual towing hook. IU. Sokolov Kryl. rod 13 no 1: 25 Ja '62.

GLIDING AND SOARING
(see also subdivision under Germany, East; Sumy)

Results of the infringement of discipline M Sul'gin. Kryl. rod. 13 no. 1:21 Ja '62.

GLINKA, MIKHAIL IVANOVICH, 1804-1857

M. I. Glinka. Nar. nav. no. 1:91 Ja '62.

M. I. Glinka as a pianist, performer and composer. V. D. Nyrkova. Trudy Gos. muz.-ped inst. no. 2:99-117 '61.

GLOBULIN

Effect of chlortetracycline on the blood serum cholesterol and globulin level and on the adrenocortical function in mild forms of acute bacillary dysentery [with summary in English]. G. S. Mironov, V. I. Gushch, M. K. Shvalko Antibiotiki 7 no. 1:39-41 Ja '62

GLOSSOPHARYNGEAL NERVE—DISEASES

Unusual observation of Hunt's neuralgia (neuralgia of the geniculate ganglion) associated with neuralgia of the glossopharyngeal nerve. I. A. Travenets Vest otorin no 2 87-89 '62.

GLUCOSE

Characteristics of nutritional hyperglycemia and the absorption of glucose by the intestine in a vegetative ganglionic block produced by ganglionolytic preparations. I. A. Dzhevetskaia. Fiziol zhur. 48 no 2:207-212 F '62

Removing chlorides from glucose solutions by electrolysis using the ion exchanger membranes. M. I. Shchegtova, A. G. Kobilianskii Izv. vys. ucheb. zav., pishch. tekh. no 6 49-51 '61

Synthesis of oligosaccharides with different types of bonds from glucose induced by an enzymatic liver preparation I. S. Tukomskaia Dokl. AN SSSR 142 no 5: 1190-1192 F '62

GLUE

Use of BF-2 glue in museum practice. N. Kh. Grigor'ev Lab. delo 8 no. 2 61 F '62.

GLUSHKOV, IGOR' L'VOVICH, 1911-

Developer of parachute equipment, K. Petrov. Kryl. rod. 12 no. 10:22 O '61.

GLUTACONALDEHYDE

Certain transformations of glutaconaldehyde dianils. N. E. Grigor'eva and others. Zhur. ob. khim 32 no. 2: 493-501 F '62.

GLUTAMIC ACID—PHYSIOLOGICAL EFFECT

Effect of various therapeutic doses of glutamic acid on the higher nervous activity of children suffering from neuropsychic diseases. A. M. Sumskaia. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. 8:127-133 '61.

GLUTARIC ACID

Synthesis of β-substituted glutaric acid esters. D. A. Maikarian, R. P. Dvoitsyneeva, N. A. Preobrazhenskii. Zhur. ob. khim. 32 no 1:140-142 Ja '62.

GLUTEN

Combustion heat of gluten proteins with reference to the formation of gluten. V. V. Ponomarev and others. Dokl AN SSSR 142 no 4 848-849 F '62.

GLYCERIDES

Total synthesis of soya-bean oil triglycerides. G. A. Serebrennikova and others. Dokl. AN SSSR 140 no. 5: 1093-1096 O '61.

GLYCEROL

Economic efficiency of the production of glycerin from distillers' slops. V. N. Rybachuk. Izv. vys. ucheb. zav.: pishch. tekh. no. 6:11-16 '61.

Production of glycerol and glycols by hydrogenolysis of xylitol. N. A. Vasiunina and others. Khim. prom. no. 2, 82-86 F '62

Production of 2, 3-dithioglycerin without purifying by distillation. V. P. Dvernitskii, V. E. Petrunkin. Med. prom. 15 no. 12:41-43 D '61.

Reactions of phosphorus acid chlorides with glycerol epichlorohydrin and glycidol ethers. A. N. Pudovik, E. M. Faizullin Zhur. ob. khim. 32 no 1 231-237 Ja '62

GLYCOGEN

Dynamics of glycogen distribution in regenerating skeletal muscle during the period of early postembryonal development in rats [with summary in English]. N. N. Dampel'. Arkh. anat. gist. embr 40 no. 6:54-59 Je '61

Histochemical data on changes in the level of glycogen in the central nervous system of guinea pigs after electric shock [with summary in French] T. Genchev. Zhur. nevr. i psikh 61 no 11 1675-1683 '61

GLYCOLIC ACID

Fermentation synthesis of optically active peptides from racemic amino acids. Part 3 Synthesis of L-tryptophan peptides from carbobenzoxy-D, L-tryptophylglycolic acid M. M. Botvinik, I. P. Kuranova, Zhur ob khim 32 no 1 16-19 Ja '62

GLYCOLS

Polyethylene glycols and some of their derivatives. A. N. Pudovik, T. M. Moshkina Zhur ob khim. 31 no 12: 4028-4033 D '61.

Production of glycerol and glycols by hydrogenolysis of xylitol N. A. Vasiunina and others Khim. prom no 2 82-86 F '62

Reaction of thallium (III) chloride with glycol. A. V. Gruneva, N. T. Presniak. Zhur. ob. khim 32 no 1 315-317 Ja '62.

Synthesis and conversions of glycols of the δ series. Part 2 Conversions of 3,4,7-trimethyl-6-keto-1-nonene-3, 7-diol. T. A. Favorskaia, Z. A. Shevchenko. Zhur. ob. khim. 32 no. 1:46-50 Ja '62

Tracer method determination of by-products in the synthesis of ethylcellosolv M. R. Leonov, I. A. Korshunov Zhur. ob. khim. 32 no. 1 208-212 Ja '62.

GLYCOLYSIS

Specific suppression of the activity of glycolytic redox enzymes by the inhibitors of free-radical reactions E. A. Neifakh. Dokl AN SSSR 142 no 6 1405-1408 F '62

GLYCOPROTEINS

Clinical significance of studying serum glycoproteins in some chronic intestinal diseases. M. V. Budianskii Ter. ap. arkh no 9:101-105 '61

Glycoprotein component of neurosecretion [with summary in English]. E. I. Tarakanov, V. F. Malorova Arkh anat. gist. i embr. 42 no 2 61-65 F '62.

GLYCOSIDES, CARDIAC see Cardiac glycosides

GLYCYRRHETINIC ACID

Some syntheses based on glycyrrhetinic acid A. A. Riabinin, N. K. Konovalova. Zhur ob khim. 32 no 2: 644-646 F '62

GLYOXYLIC ACID

Diene synthesis with glyoxylic acid esters. IU. A. Arbuzov, E. M. Klimov, E. I. Klimova Dokl. AN SSSR 142 no. 2:341-343 Ja '62.

GNESIN, MIKHAIL FABIANOVICH, 1883-1957

Gnesin, M. F. [Articles, reminiscences, materials] Stat'i, vospominaniia, materialy. Moskva, Sovetskii *kompozitor, 1961. 329 p.*

GO (GAME)

The go game. S. Ryabkov. IUn. tekh. 6 no. 2:76-78 '62.

GOBBING (MINING) see Mine filling

GOD—PROOF

Critical evaluation of some present-day theological efforts to "prove" the existence of God. I. K. Noskov Nauch. dokl. vys. shkoly: filos. nauki 5 no. 1:114-121 '62.

GODS see subdivision under Asia Minor

GOGOL', NIKOLAI VASIL'EVICH, 1809-1852

Sorokin, IU. S. [Instructions for compiling a dictionary for N. V. Gogol's "Dead souls."] Instruktsiia po sostavleniiu slovaria k "Mertvym dusham" N. V. Gogolia. Moskva, Akad. nauk SSSR, 1960. 75 p. (MH)

GOITER
(see also subdivision under Andizhan Province; Leninogorsk District, Tatar A. S. S. R.; Volzhsk District, Mari A. S. S. R.)

Changes in the protein content of blood plasma in goiter during compound surgical treatment. D. A. Maker. Nov. khir. arkh. no. 1:51-55 Ja-F '60.

Oscillography and its importance in the clinical diagnosis of goiter. P. N. Karlenko, N. G. Asrian, V. A. Berezovskaia. Med. zhur. Uzb. no. 6:25-29 Je '60.

Using applications of Borislav ozocerite in scar infiltration in patients operated on for goiter. V. M. Udod. Nov. khir. arkh. no. 1:122 Ja-F '60.

GOLD see subdivision under Transcarpathia

GOLD—DECAY

Dependence of βγ-correlation on the electron velocity in the β-decay of Co^{60} and Au^{198} [with summary in English]. V. M. Lobashov, V. A. Nazarenko Zhur. eksp i teor. fiz. 42 no 2:358-363 F '62

GOLD—ISOTOPES

Use of radioactive gold (Au^{198}) in radical operations for stomach cancer S. V. Ryzhkov and others Vop. onk 8 no 2 51-56 '62.

GOLD MINERS see subdivision under Nerchinsk region

GOLD MINES AND MINING see subdivision under Irkutsk Province

GOLD ORES see subdivision under Chita Province, Indigirka Valley

GOLD ORES—CLASSIFICATION

Russia (1923- U. S. S. R.) Gosudarstvennaia kommissiia po zapasam poleznykh iskopaemykh [Instructions for applying the classification of reserves to primary gold deposits] Instruktsiia po primeneniiu klassifikatsii zapasov k korennym mestorozhdeniiam zolota Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1955. 46 p.

GOL'DBERG, NIKOLAI MAKSIMOVICH, 1891-1962

N. M. Gol'dberg, obituary. Vop. ist. no. 2:214 F '62.

GOL'DENVEIZER, ALEKSANDR BORISOVICH, 1875-1962

Heavy losses. S. Feinberg. Sov. muz 26 no. 2:93-97 F '62.

GOLD'SHTEIN, LEV MIKHAILOVICH, 1902-

Lev Mikhailovich Gold'shtein, on the 60th anniversary of his birth. Vop onk 8 no 1:125-126 '62

GOLODETS, RAISA NAUMOVNA, 1897-

Raisa Naumovna Golodets Med. sestra 20 no 11 57 N '61.

GOLODNAYA STEPPE—FARM MECHANIZATION

Diversified mechanized farming. V. Kulikov Zemledelie 24 no 1 29-31 Ja '62.

GOLODNAYA STEPPE (NORTHERN) see Bet-Pak-Dala

GOMEL'—ELECTRIC WELDING

Her youngest daughter. A. Zakharenka. Rab. i sial. 37 no. 7:2-3 Jl '61.

GOMEL'—GLASS FACTORIES

Restless daughter of Varvara TSimafeevna. Aliaksandr Zakharanka. Rab i sial. 37 no. 12 6-7 D '61.

GOMEL'—PALACES

A palace on the Sozh. M. Minkovich. Belarus' 10 no. 2, 21 F '62.

GOMEL' PROVINCE—REST HOMES

Our recreation. E. Tarasevich. Rab. i sial. 37 no. 7:11 Jl '61.

GONCHAROV, IVAN ALEKSANDROVICH, 1812-1891

Prutskov, N. I. [Craftsmanship of Goncharov the novelist] Masterstvo Goncharova - romanista. Moskva, Izd-vo Akad. nauk SSSR, 1962. 228 p.

GONIOMETRY

Reduction of goniometric data on crystals to a single principal meridian V. B. Tasharskii. Zap Vses. min. ob-va 90 no. 6 691-695 '61

GONORRHEA

Assimilation and excretion of levomycetin from the organism in gonorrhea F. I. Stekhun. Med. zhur. Uzb. no 9:57 S '61

Diagnosis of gonorrhea in the gynecological health center of the medical-sanitary section of the Magnitogorsk Metallurgical Combine. G. A. Erofeeva Vest. derm. i ven. no. 2 67-68 '62.

State of certain functions of the liver in the tetracycline treatment of gonorrhea. A. M. Golosovker. Med. zhur Uzb. no. 9:57-58 S '61

GOPPE, GERMAN

"Anjilita"; a poem by German Goppe. Reviewed by L. Popova. Neva no. 11 206-208 '61.

GORBOVSKII, GLEB

"In quest of warmth"; verse by Gleb Gorbovskii Reviewed by I. Mikhailov Neva. no. 9:213 '61

GORETSKII, IURII KONSTANTINOVICH, 1912-1961

IUrii Konstantinovich Goretskii; obituary. M. N. Altgauzen and others. Sov geol. 4 no. 12:153-155 D '61.

GORETSKIY DISTRICT—SOILS

Distribution of the available forms of microelements in soils of northeastern Goretskiy District, Mogilev Province. N. IA. Sedukho Trudy BSKHA 34:104-108 '61.

GOR'KII, MAKSIM, 1868-1936

Genre characteristics of M. Gor'kii's play "Dostigaev and others" [with summary in English] E. A. Nikulina. Vest. LGU 17 no 2 88-96 '62

It had to be proved! Iskusstvo kino no. 1:99-103 Ja '62.

"M. Gor'kii's journalistic work" by A. Ovcharenko. Reviewed by M. I. Pryhodii. Rad. lit. 6 no 2 136-138 Mr-Ap '62

GORKIY—CHILDREN'S CLUBS

Children are doing good work. L. Raspopova. Klub i shkola no. 1:31-32 Ja '63.

GORKIY—IONOSPHERE

Ionospheric effects observed during the solar eclipses of Dec. 2, 1955 and Feb. 15, 1961 in Gorkiy. V. A. Vasin, L. V. Grishkevich. Geomag. i aer. 1 no 6 949-954 N-D '61

GORKIY—PROSTHESIS

Our complaints against suppliers. L. Akhodova. Sots. obesp. 23 no. 1 45 Ja '62.

GORKIY—RECRUITING AND ENLISTMENT

With animation in the district military registration and enlistment office. A. Sobolev. Starsh. serzh. no. 11 7 Oct. 61

GORKIY—THEATER

"Vasilii Terkin." L. Sakharova. Teatr 21 no 2 92-94 F '62.

GORKIY PROVINCE—LOADING AND UNLOADING—*SAFETY MEASURES*

There are less accidents with a greater number of machines. V. Miroshnichenko. Okhr. truda i sots. strakh. 5 no 2 18 F '62

GORKIY PROVINCE—PEAS

Peas in northern Gorkiy Province. B. Abramov, V. Shubin. Zemledelie 24 no 1:45-46 Ja '62

GORKIY PROVINCE—SOVIETS

These committees make decisions and ensure their execution. A. Zhilin. Sov. deput. trud. no. 2 57-60 F '62.

GORKIY PROVINCE—TOURISM

"Paths in the forest; hiking routes of Gorkiy Province." Reviewed by L. Trube. Geog. v shkole 25 no 2 90 Mr-Ap '62.

GORLOVKA—MACHINERY INDUSTRY

Omel'ianenko, P. D., comp. [Donetsk arsenal] Donetskii arsenal. Stalino Knizhnoe izd-vo, 1960. 144 p. (Iz istorii fabrik i zavodov)
(MIl)

GORNAYA SHORIYA—MINING MACHINERY

Practice of using PPM-4M loaders in the iron mines of Gornaya Shoriya. P. A. Mikhirev, B. V. Zakhvatkin. Gor. zhur. no. 11 51-52 N '61.

GORNAYA SHORIYA—SKARNS

Monticellitite skarns in Gornaya Shoriya. V. I. Sinkakov, N. M. Sinkakova. Zap. Vses. min. ob-va 90 no 6: 720-727 '61

GORNO-ALTAI AUTONOMOUS PROVINCE—LARCH

Mountain types of larch and Siberian pine forests in the Usti-Kan Forest Working Circle, Gorno-Altai Autonomous Province. IU. A. Nechaev. Nauch. zap. VLTI 23, 69-79 '61.

GORNO-ALTAI AUTONOMOUS PROVINCE—PINE

Mountain types of larch and Siberian pine forests in the Usti-Kan Forest Working Circle, Gorno-Altai Autonomous Province. IU. A. Nechaev. Nauch. zap. VLTI 23; 69-79 '61.

GOR[illegible] R INDUSTRY

[illegible]d of them. V. Lipski. Rab. i stal' 37

[illegible]. G. Popov. Neva no. 8:217-218

[illegible]S RUSSIA)—ANTIQUITIES

Milograd culture in the villages of [illegible]hern White Russia. O. N. Mel'nikov-[illegible]ol. 6 no. 1:163-172 '62

[illegible]S RUSSIA)—MOUNDS

Milograd culture in the village of [illegible]ern White Russia. O. N. Mel'nikov-[illegible]ol 6 no. 1:163-172 '62.

[illegible]on under Crimea

[illegible]RSHIP

[illegible]on under Poland)

[illegible]ist collectivization. O. H. Lobuneta', [illegible]. Ser. susp. nauk no. 3:56-66 '60.

[illegible]ING

[illegible]rade administration in the U. S. S. R. [illegible]e their work" by M. A. Fialkov, [illegible]okin. Sov. deput. trud. no 2:91-92

GOVERNORS (MACHINERY)
(see also subdivision under Armenia)

Characteristics of the regulator for a hydraulic turbine of the RO-40 type. N. K. Barkov. Energomashinostroenie 8 no. 2 39-42 F '62.

Regulating the capacity of the once-through boiler-turbine unit. V. B. Rubin. Teploenergetika 9 no. 3:3-9 Mr '62

GRADERS (EARTHMOVING MACHINERY)—MAINTENANCE AND REPAIR

Krivshin, A. P., and A. N. Mikhailov. [Repairing motor graders] Remont avtogrejderov. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo trans. i shosseinykh dorog RSFSR, 1961. 132 p.

GRADING AND MARKING (STUDENTS)

Correcting Russian language notebooks in grades 1-8 and literature notebooks in grades 5-11. Rus. iaz. v shkole 23 no. 1 117-118 Ja-F '62

Norms for grading of Russian language papers in grades 5-11 of secondary schools. Rus. iaz. v shkole 23 no. 1 111-116 Ja-F '62.

GRAFFITI see subdivision under Crimea

GRAFTING

Changes in the amino acid composition of grafted plants. E. S. Avundzhian. Dokl. AN SSSR 142 no. 6:1209-1211 F '62.

Effect of grafting on speeding up the ripening of hybrid potato seedlings. M. S. Garshina. Trudy BSHKA 34: 102-103 '61.

Propagation of Lombardy popular (Populus Bolleana Lauche) by grafting. P. K. IAkovlev. Biul. Glav. bot. sada no. 43:87 '61.

Vegetative hybridization of eggplants and cabbages. I. E. Glushchenko. Agrobiologiia no. 6:851-869 N-D '61.

GRAFTING OF SKIN see Skin grafting

GRAIN
(see also subdivision under Karelia)

All-Union inspection of the quality of grain at the Exhibition of the Achievements of the National Economy of the U. S. S. R. Muk.-elev. prom. 27 no. 9:10-11 S '61.

Centrifugal grain distributor. F. Botvinko. Sel'. mekh. no 2 29-30 '62.

High-speed grain harvesting machinery. A. Vysypkov, A. Bliznikov. Sel'. mekh. no. 2 10-13 '62

Make every effort for the development of grain farming and increase grain production. Ekon. sel'khoz. 32 no. 12:1-11 D '61.

Use of high-speed machinery in harvesting grain and corn. Sel'. mekh. no. 2 19-21 '62.

Virgin-land state farms are an important source of socialist accumulation. V. Semenov. Fin. SSSR 23 no. 2: 26-34 F '62.

GRAIN—*ANALYSIS*

Electric apparatus for determining grain moisture. G. Bardyshev. Muk.-elev. prom. 27 no. 12:27 D '61

Manganese content in the straw and grain of cereal crops cultivated in TSelinograd and Karaganda Provinces. P. G. Grabarov, S. K. Kul'kina. Izv. AN Kazakh. SSR. Ser. bot. i pochv. no. 2:91-97 '61

GRAIN—CLEANING

Stationary cylindrical cockle separators are being used for cleaning grain the conveyor chain. M. Shaferman. Muk.-elev. prom. 27 no. 9:20 S '61.

Study of the performance of devices for cleaning the grids of grain cleaning machinery. M. E. Karlov. Trakt. i sel'khozmash. 32 no. 2:22-25 F '62.

Use every means to improve the dust removal in grain elevators. V. Vitlin, V. Korotkov, IA. Benin. Muk.-elev. prom. 27 no. 9:21-24 S '61.

Use of medium-pressure fans in grain cleaning. G. V. Maiorov. Mekh. i elek. sots. sel'khoz. 20 no. 1:40-41 '62.

VO-50 grain cleaning machine. IU. Mestechkin. Muk.-elev. prom. 27 no. 9:21 S '61.

GRAIN—COSTS see subdivision under Rostov Province

GRAIN—DRYING

SZPB-2, 0 cylindrical grain drier; based on materials of the Northwestern Machinery Testing Station. V. Frolov. Ekon. sel'khoz. 32 no 12:83-84 D '61.

GRAIN—FERTILIZERS AND MANURES

Effect of fertilizers on the yield of lupine and winter crops in loamy turf-Podzolic soils. E. M. Tomson. Trudy BSKHA 34:87-94 '61.

GRAIN—FROST RESISTANCE

Ice crust and measures for controlling its killing of winter crops. N. M. Shamanin. Zemledelie 24 no. 1: 47-50 Ja '62.

GRAIN—HARVESTING

Physiological principles of harvesting grain in separate stages. P. A. Vlasiuk, D. F. Protsenko, O. I. Kolosha. Bot. zhur. 46 no. 11:1638-1648 N '61.

GRAIN—TRANSPORTATION

Grain releasing system for loading railroad cars through the upper hatches. E. Romanov, I. TSirlin. Muk.-elev. prom. 27 no 9:18-20 S '61.

Mathematical method for calculating agricultural transportation problems. L. A. Goberman. Mekh. i elek. sots. sel'khoz. 20 no 1:21-26 '62.

Send trains fully loaded with grain into districts where it is to be consumed. Muk.-elev. prom. 27 no 9:1-2 S '61.

Tractor trains for grain transportation. IU. Sokolov, L. Karpov. Avt. transp. 40 no. 3:44-45 Mr '62.

GRAIN ELEVATORS
(see also subdivision under Novosibirsk Province)

Borisevich, A. A. [Problems of the economics of grain receiving enterprises] Voprosy ekonomiki khlebopriemnykh predpriiatii. Pod red. A. N. Platonova. Moskva, Izd-vo tekhn. i ekon. lit-ry po voprosam zagotovok, 1961. 150 p.

Follow up on published material. Muk.-elev. prom. 27 no 12:27 D '61

Grain releasing system for loading railroad cars through the upper hatches. E. Romanov, I. TSirlin. Muk.-elev. prom. 27 no. 9:18-20 S '61.

Improve the organization of work in different sections of the grain receiving enterprises. Z. Chukhar'ko and others. Muk.-elev. prom. 27 no 9:11-16 S '61.

Letters to editor. Muk.-elev. prom. 27 no. 12:27 D '61.

Observing the settling of grain elevators. S. Razbotshchuk. Muk.-elev. prom. 27 no 12:20-21 D '61

Round silos of high capacity. V. Pavlov. Muk.-elev. prom. 27 no 12:18-19 D '61

Use every means to improve the dust removal in grain elevators. V. Vitlin, V. Korotkov, IA. Benin. Muk.-elev. prom. 27 no 9:21-24 S '61.

GRAIN HANDLING

Brief news. Muk.-elev. prom. 27 no. 9:32 S '61.

Implement the decisions of the 22d Congress of the CPSU without delay. Trakt. i sel'khozmash. 32 no. 1:1-2 Ja '62.

"Mechanization of grain handling operations" by V. I. Pyshkin. Reviewed by I. Semenov. Muk.-elev. prom. 27 no. 9:32 S '61.

GRAIN-HANDLING MACHINERY
(see also subdivision under Pavlodar Province)

Reconstruction of the intake equipment of a grain drying and cleaning tower. A. Fainblit. Muk.-elev. prom. 27 no. 12:12 D '61.

GRAIN MILLING
(see also subdivision under Krasnodar, Leningrad)

In the local organization of the scientific and technical society of the TSiurupa grain milling combine. N. Kilchigin. Muk.-elev. prom. 27 no. 9:9-10 S '61

GRAIN-MILLING MACHINERY see subdivision under Italy

GRAIN TRADE—ACCOUNTING

Improving economic accountability in grain receiving enterprises. N. Mozzhukhin. Muk.-elev. prom. 27 no 12:3 D '61.

GRAMICIDIN

Combined use of penicillin and gramicidin in pulpitis. O. D. TSyganenko. Probl. stom. 5:156-159 '60.

Titration of gramicidin by the agar diffusion method with the use of holes [with summary in English]. G. V. Kochetkova. Antibiotiki 7 no. 1:80-82 Ja '62.

GRAMINEAE see Grasses

GRAMSCI, ANTONIO, 1891-1937

Antonio Gramsci; on the 25th anniversary of his death in the fascist prison. M. N. Ivanyts'kyi. Ukr. ist. zhur. 6 no. 2:143-144 Mr-Ap '62.

GRANARIES

Brief news. Muk.-elev. prom. 27 no. 9:32 S '61.

Courses designed to raise the qualification of workers. M. Novominskii. Muk.-elev. prom. 27 no. 9:27 S '61

Improve the organization of work in different sections of the grain receiving enterprises. Z. Chukhar'ko and others. Muk.-elev. prom. 27 no. 9:11-16 S '61.

We are receiving the new grain in well equipped granaries. P. Demidiuk. Muk.-elev. prom. 27 no. 9:3-4 S '61.

We are well prepared to receive the new grain. N. Shumskii. Muk.-elev. prom. 27 no. 9:27 S '61.

GRANARIES—HEATING AND VENTILATION

Study and calibration of the DKV-3 grain temperature regulating system. S. Suvorov, L. Solodenikov. Muk.-elev. prom. 27 no. 9:24-27 S '61.

GRANITIZATION see subdivision under Ukraine

GRANULAR LIDS see Conjunctivitis, Granular

GRAPES

Characteristics of seeds and seedlings of grape vine obtained from self-rooted and grafted plants Iordan K Ivanov Agrobiologiia no 6 811-820 N-D '61

Effect of the temperature and length of the day on the growth and development of grape seedlings. I M Filippenko. Agrobiologiia no.6 810-813 N-D '61

GRAPHIC METHODS

Choice of invariant variables for "many-tail" amplitudes [with summary in English]. V E Asribekov Zhur eksp. i teor. fiz. 42 no 2 565-576 F '62

GRASSES
(see also subdivision under Apsheron Peninsula, Samarkand Province)

Biological foundations of the characteristics of tillering gramineous plants in relation to remote hybridization V. V. Skripchinskii Biul. Glav bot sada no 43 34-47 '61.

Effect of perennial grasses on the dynamics of free forms of nitrogen in soils. A V Kalinovskii Trudy BSKHA 34:22-27 '61

Intercalary growth of grass leaves I K Kirshin. Dokl. AN SSSR 142 no 2 474-477 Ja '62

Morphologic characteristics of lodicules in some representatives of the grass family A V Dobrotvorskaia Trudy Bot. inst. Ser 7 no. 5:148-165 '62.

Selecting lawn grasses. B. IA. Sigalov Biul. Glav bot. sada no. 43:23-27 '61.

GRASSES—FERTILIZERS AND MANURES

Applying trace element fertilizers to perennial grasses. Ch S. Rakisheva Vest. sel'khoz nauki [Kazakh.] 4 no. 12 51-56 D '61

GRAVIMETER (GEOPHYSICAL INSTRUMENT)

Determining the attenuation coefficient of a gravimeter with a high degree of damping. V. A. Romaniuk. Trudy Inst. fiz. Zem. no. 18:125-131 '61.

Results of calibrating the GAE-3 gravimeters K IA Koz'iakova. Izv AN SSSR. Ser geofiz no 3.368-380 Mr '62

GRAVIMETRY

Determining the acceleration of gravity with a gravimeter mounted on a mobile foundation. V. A. Romaniuk. Trudy Inst. fiz. Zem. no. 18 3-97 '61.

Determining the correction for the Eötvös effect in gravity acceleration measurements from the airplane. E. I. Popov Izv AN SSSR Ser. geofiz no 3 381-391 Mr '62.

Estimating the accuracy of measuring gravity acceleration at sea by the use of gravimeters. E. I. Popov. Izv. AN SSSR Ser geofiz. no 1 30-53 Ja '62.

Methods of processing the recordings of marine gravimeters and their precision F I Popov Izv. AN SSSR. Ser. geofiz no 2 203-209 F '62

GRAVITATION

Interaction of bodies emanating gravitational waves. Part 2. K. P. Stanliukovich. Vest. Mosk un Ser 3. Fiz., astron. 17 no. 1:78-80 Ja-F '62

Invariant formulation of the gravitational wave field theory [with summary in English]. IU B. Rumer. Zhur. eksp. i teor. fiz. 42 no. 2:577-583 F '62.

GRAVITY

On B A. Andreev's article "Free-air anomalies and isostasy." E. N. Liustikh Izv AN SSSR. Ser. geofiz no. 3:392 Mr '62.

On E. N. Liustikh's notes referring to my article "Free-air anomalies and isostasy." B. A. Andreev. Izv. AN SSSR. Ser. geofiz. no 3 392-393 Mr '62.

Surface gravity dislocations and gravity tectonics. S. S. Shul'ts. Uch. zap. LGU no. 298:3-26 '61.

GRAVITY, LOCAL DISTURBANCE OF see Plumb-line deflections

GRAVITY PROSPECTING
(see also subdivision under Siberia, Western; Verkhoyansk Range)

Analytical continuation of two-dimensional potential fields and its use in solving inverse problems in magnetic and gravity prospecting. Report No. 1. V. N. Strakhov. Izv AN SSSR. Ser. geofiz. no. 3 307-316 Mr '62.

Analytical continuation of two-dimensional potential fields and its use in solving inverse problems in magnetic and gravity prospecting. Report No. 2 V. N. Strakhov. Izv. AN SSSR. Ser. geofiz no 3 336-347 Mr '62.

Choice of the limits of integration in reducing three-dimensional anomalies to a two-dimensional level [with summary in English]. K. P. Tiapkin. Dop. AN URSR no. 1:37-41 '62.

Considering the relief effect in observations with a gravity gradienter. D. G. Uspenskii. Zap. LGI 39 no. 2:52-70 '61.

Defining the elements determining the location of an elongated ellipsoid of revolution from gravity and magnetic observations. N. L. Gol'land. Trudy Inst. geol. i geofiz. Sib. otd. AN SSSR no. 11:119-125 '61.

Detecting local structures by a combined analysis of gravity and magnetic anomalies. E. D. Chernova. Trudy Inst. geol. i geofiz. Sib. otd. AN SSSR no. 11:159-166 '61.

Fundamental problems of the method of a combined analysis of magnetic and gravity anomalies. G. I. Karataev. Trudy Inst. geol. i geofiz. Sib. otd. AN SSSR no. 11:127-157 '61.

Grushinskii, N. P. [Introduction to gravimetry and gravity prospecting] Vvedenie v gravimetriiu i gravimetricheskuiu razvedku [Moskva] Izd-vo Mosk univ., 1961. 205 p.

Iun'kov, A. A., N. L. Afanas'ev, and N. A. Fedorova. [Method for rapid computation of gravity anomalies] Uskorennyi sposob vychisleniia anomalii sily tiazhesti. Moskva, Gos. izd-vo geol. lit-ry, 1961. 57 p.

One integral method of interpreting gravity and magnetic anomalies. E. G Bulakh, L. G Evsikova Izv. AN SSSR. Ser geofiz no. 1 90-91 Ja '62

Some possibilities of gravity prospecting in studying the structure of crystalline basement. I G Klushin Zap LGI 39 no. 2, 99-109 '61

GREAT BRITAIN—AIRPLANES, MILITARY

Military transport plane "Argosy." Vest. Vozd Fl. no 10, 95 O '61

GREAT BRITAIN—COKE OVENS

Repairing masonry of coke-oven batteries (from "The Gas World," 154, no 4011, 1961) Koks i khim no 12 59 '61

GREAT BRITAIN—COLONIES

Marx, Karl. [Colonial system of capitalism] O kolonial'noi sisteme kapitalizma. Moskva, Gos izd-vo polit. lit-ry, 1959. 337 p.
(NNC)

GREAT BRITAIN—COLONIES—AFRICA see Africa—British colonies

GREAT BRITAIN—COMMUNICATION

"The big sell; structure and strategy of the mass media" [in English] by Judith Todd. Reviewed by B. Antonovich. Nov. vrem. 20 no. 11:30-31 Mr '62.

GREAT BRITAIN—COOPERATIVE SOCIETIES

In the cooperative guilds of England. M. Kopeikina. Sov. potreb. koop 6 no 2:56-57 F '62.

GREAT BRITAIN—CULTURE

Eliseenko, N. P., and E. P. Ilpatov. [Research and cultural organizations of Great Britain] Nauchno-issledovatel'skie i kul'turnye uchrezhdeniia Velikobritanii. Moskva, Vses. in-t nauch. i tekhn. informatsii, 1961. 177 p.

GREAT BRITAIN—DIESEL LOCOMOTIVES

Type 5 diesel locomotive (from "Diesel Railway Traction," S 1961). Elek. i tepl. tiaga 6 no. 2 47 F '62.

GREAT BRITAIN—ECONOMIC CONDITIONS

Special features of the economic development of England from 1921 to 1929 [with summary in English, pp 219-220] V G Trukhanovskii Vop. ist. no 3, 72-93 Mr '62

GREAT BRITAIN—FOREIGN RELATIONS

The Foreign Office. Mezhdunar. zhizn' 9 no 3, 153-154 Mr '62.

GREAT BRITAIN—FOREIGN RELATIONS—ASIA, CENTRAL

Babakhodzhaev, A. Kh. [Bankruptcy of English policy in Central Asia and the Middle East, 1918-1924] Proval angliiskoi politiki v Srednei Azii i na Srednem Vostoke; 1918-1924. Moskva, Izd-vo Vostochnoi lit-ry, 1962. 167 p.

GREAT BRITAIN—FOREIGN RELATIONS—CONGO, REPUBLIC OF THE

The inspirers of aggression against the Congo. Mezhdunar. zhizn' 9 no. 4 149-151 Ap '62.

GREAT BRITAIN—HISTORIOGRAPHY

New studies of Soviet historians devoted to English history from the 17th to the 20th century. I. A. Nikitina, M. M. Karliner. Nov. i noveish. ist. no. 1:139-152 '62.

GREAT BRITAIN—HISTORY—BIBLIOGRAPHY

"Writings on British history, 1940-1945" [in English]. Reviewed by I. I. Frolova. Vop. ist. no 2:204-205 F '62

GREAT BRITAIN—HISTORY—STUDY AND TEACHING

"History in the secondary school" [in English] by C. F. Strong Reviewed by G. Z. Ioffe. Prep ist. v shkole 17 no. 2, 101-103 Mr-Ap '62.

GREAT BRITAIN—MANORS

Evolution of the manorial structure in the English Midlands between the years 1086-1279 [with summary in English]. M. A. Barg. Sred. veka no. 19 53-79 '61.

GREAT BRITAIN—MINING ENGINEERING

Organization of design and planning in the coal industry of Great Britain. E. P. Kravtsov Shakht. stroi. 6 no. 2:28-30 F '62.

GREAT BRITAIN—NUCLEAR REACTORS

Experience gained in the operation of the Calder Hall reactors. Atom. energ. 12 no. 3:250-261 Mr '62.

GREAT BRITAIN—PRIVATE SCHOOLS

Special aspects of the work of English "public schools" V. Lapchinskaia, A. Nusenbaum Nar obr no. 3:101-105 Mr '62.

GREAT BRITAIN—PUMPING MACHINERY

Motor pumper with a gas turbine engine. M Isaev Pozh delo 8 no 2 32 F '62

GREAT BRITAIN—RELATIONS (GENERAL) WITH RUSSIA

Scientific ties between Russian and English biologists, from the materials of the Archives of the Academy of Sciences of the U. S. S. R. I. V. Zhigalova, M. I. Radovskii Trudy Inst ist. est i tekh 41:91-111 '61

GREAT BRITAIN—SHEET STEEL

Heat treatment of plate steel [from foreign practices]. E. S. Levinzon Stal' 22 no 2 167-165 F '62.

GREAT BRITAIN—TECHNICAL EDUCATION

London, Leeds, Southampton, notes on British institutions of higher learning A. P. Zhuravlev Vest. vys shkoly 20 no. 3, 81-86 Mr '62.

GREAT BRITAIN—WELDING—EQUIPMENT AND SUPPLIES

Welding equipment in England. G. A. Turkov, G. N. Strekalov Biul tekh.-ekon. inform. no 1, 88-92 '62

GREAT BRITAIN—WORLD WAR, 1939-1945

Operation "Sea Lion" and the defense of England. B Fedorov, A. Orlov Voen.-ist zhur. 4 no. 2 48-61 F '62.

GREAT FERGANA CANAL

The party organization of Uzbekistan in the struggle to increase the tempo of construction; history of the struggle of the Communist Party of Uzbekistan in the building of the Great Fergana Canal. IU. Ibragimov. Trudy TashGU no. 170:147-169 '60

GREECE—ANTHROPOGEOGRAPHY

The anthropological structure of the population of Greece. Geographical differentiation of distinct features. A. N. Pulianos. Trudy Inst. etn. 71:269-291 '61.

GREECE—ATHEISM

Religious freethinking and atheism in ancient Greece. F. Kh. Knaidi. Nauch. dokl. vys. shkoly; filos. nauki 5 no. 1:122-130 '62.

GREECE—ETHNOLOGY

Basic data on the anthropology of the population of Greece A. N. Pulianos. Vop. antr. no 5:109-113 '60.

GREECE—FOREIGN ECONOMIC RELATIONS

Greece in the noose of the Common Market. Nov. vrem. 20 no. 12 15 Mr '62

GREENHOUSE MANAGEMENT

Mechanization and automation of work in greenhouses R A Akopian. Trakt. i sel'khozmash 32 no. 1:29-32 Ja '62.

GREENHOUSES—HEATING AND VENTILATION

Automatic regulation of air temperature and humidity in greenhouses. R. Akopian. Tekh. v sel'khoz. 22 no. 1: 8-11 Ja '62

GREENLAND—FISHERIES

Some data on the state of fish resources and fisheries near the coast of Greenland. E. B. Gruzneva. Trudy BalNIRO no. 7:147-153 '61.

GREISEN
(see also subdivision under Kazakhstan)

Some characteristics of the greizenization of granite-porphyries K A. Mukhlia. Sbor. nauch trud. KazGMI no. 18 144-150 '59.

GRIBACHEV, NIKOLAI MATVEEVICH, 1910-

Privalov, B. A. [Nikolai Gribachev; a story of our fellow citizen] Nikolai Gribachev; rasskaz o nashem zemliake. [Briansk] Briianskii rabochii, 1960. 49 p.
(MH)

GRIEVANCE PROCEDURES
(see also subdivision under White Russia)

In the Supreme Court of the R. S. F. S. R. Okhr. truda i sots. strakh. 5 no. 2:47 F '62

GRIGISKES—COMMUNITY CENTERS

Man is the main thing. A. Osipov. Klub 11 no. 1:6-8 Ja '62.

GRIGNARD REAGENTS

Reaction of stannols with the Grignard reagent. M. F. Shostakovskii, N. V. Komarov, V. K. Mistiunas. Izv AN SSSR. Otd. khim. nauk no. 2 388 F '62.

GRINDING AND POLISHING

Device for removing burrs from slots. N. B. Ponomarev. Mashinostroenie no. 1:102-103 Ja-F '62.

Equipment for honing splined holes. N. I. Goroctskii. Stan. i instr. 33 no. 3:1-4 Mr '62

GRINDING AND POLISHING (Continued)

Honing with increased allowances. A. P. Babichev Stan i instr. 33 no. 3:4-6 Mr '62.

Mechanization and automation of the polishing of gas-turbine engine blades. B. V. Shaskol'skii. Izv. vys. ucheb. zav., mashinostr. no. 12 105-112 '61.

Organizing and equipping the working area of a grinding machine operator. G. D. Kochetkov. Mashinostroitel' no. 2:40-42 F '62.

The 6S 136 automatic centerless grinding machine. Stan. i instr. 33 no. 1 44-45 Ja '62.

Stand for lapping spherical surfaces. B. IA. Grinberg. Mashinostroitel' no. 2, 20 F '62.

Twist-drill grinding. L. G. Dibner. Stan. i instr. 33 no. 1 25-29 Ja '62.

GRINDING MACHINES

Automatic machine for polishing journals of stepped shafts. V. K. Grigor'ev. Biul. tekh.-ekon. inform. no. 1:31-33 '62.

Automation of the centerless grinding machine. A. G. Ivchenko, B. L. Smolenskii, M. A. Rokhlenko. Stan. i instr. 33 no. 3:40-42 Mr '62.

Blade-sharpening machine. N. Riabets. Mashinostroitel' no. 2:28 F '62.

The 3G185 centerless grinding machine. Stan. i instr. 33 no. 3:45-46 Mr '62.

The 3K161 automatic infeed circular-grinding machine. S. M. Krivitskii. Biul. tekh.-ekon. inform. no. 1:29-31 '62.

GRINDING MACHINES—ATTACHMENTS

Additional headstock for grinding pinion ends on a circular grinding machine. B. F. Sheremet. Stan. i instr. 33 no. 3:45 Mr '62.

GRINDING MACHINES—MAINTENANCE AND REPAIR

Accelerated repair. A. Kormiltsayn. Mashinostroitel' no. 2:24 F '62.

GRINDING MACHINES—TECHNOLOGICAL INNOVATIONS

Modernization of the universal tool-grinding machine. L. D. Menitskii. Mashinostroitel' no. 2:23 F '62.

GRINDING WHEELS

Profiling multithread-grinding wheel. V. D. Gliass. Stan. i instr. 33 no. 1 33-34 Ja '62.

GRIPPE see Influenza

GRISEOFULVIN

Antifungal action of the antibiotic griseofulvin [with summary in English]. Z. G. Stepanishcheva. Antibiotiki 6 no. 9:41-43 S '61.

GRODNO—TEACHERS' INSTITUTES

Teachers and institutes for raising the qualification of teachers. V. Parfionau. Nar. asv. no. 1:18-24 Ja '62.

GRODNO DISTRICT—HISTORICAL MUSEUMS

The village of Putrishki; collective farm museum tells its story. N. Siarheeva. Rab. i sial. 37 no. 6:6-7 Je '61.

GROPIANOV, EVLAMPII ANTONOVICH, 1894-

Modest toiler. Nov. khir. arkh. no. 1 125-126 Ja-F '60.

GROSBEAKS see subdivision under Siberia

GROUND CONTROLLED APPROACH—EQUIPMENT AND SUPPLIES

Convenient device. V. B. Pashuto. Vest. Vozd. Fl. no. 10:83 O '61.

GROUND-EFFECT MACHINES

Aerosleigh with an air cushion. G. Lipman. IUn. tekh. 6 no. 1:57-59 Ja '62.

Flying ships and automobiles. R. Bulanov, E. Roi. Starsh.-serzh. no. 9:36-37 S '61.

Ground-effect machines are a new type of transportation. B. Mikhailov. Za rul. 20 no. 1:20-21 Ja '62.

GROUPS, THEORY OF

Certain indicants of generalized solvability and speciality of rd-groups. V. P. Gromyko. Dokl. AN SSSR 142 no. 6:1231-1232 F '62.

Composition of the parameters of a Lorenz group. F. I. Fedorov. Dokl. AN SSSR 143 no. 1:56-59 Mr '62.

Finite groups with one class of unattainable isoorder subgroups. S. A. Safonov. Dokl. AN BSSR 6 no. 2:79-80 F '62.

Integral representations of a quaternary group. L. A. Nazarova. Dokl. AN SSSR 140 no. 5:1011-1014 O '61.

Multiplicative semigroups of rings. S. R. Kogalovskii. Dokl. AN SSSR 140 no. 5:105-107 O '61.

Radicals in group pairs. B. I. Plotkin. Dokl. AN SSSR 140 no. 5:1019-1022 O '61.

Remark on commutative semigroups. I. S. Ponizovskii. Dokl. AN SSSR 142 no. 6:1258-1260 F '62.

Representation of semigroups by means of binary relations. B. M. Shain. Dokl. AN SSSR 142 no. 4 808-811 F '62.

Semigroups of one-to-one transformations. E. G. Shutov. Dokl. AN SSSR 140 no. 5:1026-1028 O '61.

Theory of radicals in groups. K. K. Shchukin. Dokl. AN SSSR 142 no. 5:1047-1049 F '62.

GROUTING

Adhesive forces between cement and the surface of sedimentary rocks. IU. A. Onishchenko. Sbor. trud. Inst. gor. dela AN URSR no. 8:66-74 '61.

Self-compaction of concrete. IU. D. Snegirev. Trudy NPI 113 39-45 '61.

GROWTH (PLANTS)

Intercalary growth of grass leaves. I. K. Kirshin. Dokl. AN SSSR 142 no. 2 474-477 Ja '62.

GROWTH PROMOTING SUBSTANCES

Herbicides and plant growth controlling agents. Part 37. Synthesis of some urea derivatives. N. N. Mel'nikov, K. D. Shvetsova-Shilovskaia, T. S. Zakharova. Zhur. ob. khim. 32 no. 2, 381-383 F '62.

Metabolites of tumor causing bacteria as growth stimulants of higher plants. R. M. Galach'ian. Izv. AN Arm. SSR Biol. nauki 15 no. 1:15-24 Ja '62.

Treatment of corn seeds with new growth promoting substances before planting. V. A. Pavlov. Zemledelie 24 no. 1 69-71 Ja '62.

Use of growth stimulants in the transplant of seedlings and rooting of cuttings. K. E. Ovcharov. Shkola i proizv. 6 no. 2:65-70 F '62.

GROZNYY PROVINCE—OIL FIELDS

Sources of Groznyy oil. G. Ershov. Neftianik 7 no. 1, 28-29 Ja '62.

GROZNYY PROVINCE—OIL FIELDS—PRODUCTION METHODS

Economic efficiency of remote control of Groznyy fields and ways of increasing it. M. M. Umanskii, L. M. Umanskii. Trudy GrozNII no. 10:175-184 '61.

GROZNYY PROVINCE—PETROLEUM GEOLOGY

Characteristics of the formation of the clay series in the Chokrak horizon of the Groznyy oil region based on the Fe and Mn differentiation. A. N. Reznikov. Izv. vys. ucheb. zav., neft' i gaz 4 no. 5:13-17 '61.

GRUDININA, NATALIIA

"Diary of a heart"; verse by N. Grudinina. Reviewed by I. Mikhailov. Neva no. 10 209-210 '61.

GUANIDINE

Derivatives of aminoguanidine and their transformations. Part 2: Derivatives of nitroamino- and diaminoguanidines and their transformations. G. I. Chipen, V. IA. Grinshtein, R. P. Preiman. Zhur. ob. khim. 32 no. 2, 454-459 F '62.

GUANIDINE CRYSTALS

Effect of gamma-radiation on the ferroelectric properties of guanidine aluminum sulfate crystals. V. A. IUrin, A. S. Baberkin, I. S. Zheludev. Kristallografiia 7 no. 1 147-150 Ja-F '62.

GUANO see subdivision under Kazakhstan

GUARD DUTY

Security in bivouac. K. Maksimov. Voen. vest. 41 no. 10 110-114 O '61.

GUBAIDULINA, SOFIIA, 1931-

Open all windows! V. Bobrovskii. Sov. muz. 26 no. 2: 23-26 F '62.

GUBKIN, IVAN MIKHAILOVICH, 1871-1939

Academician Ivan Mikhailovich Gubkin, the founder of Russian petroleum geology. P. IA. Antropov. Sov. geol. 4 no. 12:28-32 D '61.

Ivan Mikhailovich Gubkin's scientific contribution and the present time. A. A. Bakirov. Sov. geol. 4 no. 12: 33-54 D '61.

GUIANA, BRITISH see British Guiana

GUIDED MISSILES

Peresada, S. A. [Ground-to-air guided rocket missiles] Zenitnye upravliaemye rakety. Moskva, Voen. izd-vo M-va oborony SSSR, 1961. 79 p. (Za voenno-tekhnicheskie znaniia)

Proximity fuses. A. Dorofeev. Vest. Vozd. Fl. no. 11: 87-89 N '61.

GUIDED MISSILES—RADIO CONTROL

Tipugin, V. N., and V. A. Veitsel'. [Radio control] Radioupravlenie. Moskva, Izd-vo "Sovetskoe radio," 1962. 749 p.

GUINEA—POLITICS AND GOVERNMENT

The morning of Guinea. Volodymyr Chornyi. Ukraina no. 5:6-7 Mr '62.

GUMS

Interrelation between the state of the periodontium and of the digestive organs. S. M. Volynskii. Probl. stom. 5:35-40 '60.

GUMS—DISEASES

(see also subdivision under Ukraine)

Antibiotics in combination with orthopedic measures in the treatment of pyorrhea alveolaris. M. R. Marei. Probl. stom. 5:87-91 '60.

Bar-type prosthesis with fixators in pyorrhea alveolaris involving the lower frontal teeth. S. P. Mudryi, A. I. Marchenko. Probl. stom. 5:101-103 '60.

Comparative evaluation of therapeutic methods for pathological alveoli in complex treatment of pyorrhea alveolaris. E. P. Reusova, M. IA. Malikova. Probl. stom. 5:63-67 '60.

Effect of sensitization of the animal organism on the state of the periodontium. N. F. Danilevskii, O. V. Petrova. Probl. stom. 5:28-34 '60.

Experimental data for evaluating the proliferative capacity of the crevicular epithelium [with summary in English]. V. I. Stetsula. Arkh. pat. no. 2:49-55 '62.

Frequency of the different forms and stages of pyorrhea alveolaris. S. P. Mudryi. Probl. stom. 5:16-20 '60.

Morphological changes in the periodontium following extirpation of the upper cervical sympathetic ganglion. E. V. Udovitskaia, N. A. Kodola. Probl. stom. 5:99-[illegible] '60.

Novocaine block in the compound treatment of pyorrhea alveolaris. N. S. Gulieva, A. I. Marchenko. Probl. stom. 5:68-73 '60.

Orthodontic treatment of a deformed bite in pyorrhea alveolaris. V. L. Ustimenko, L. P. Grigor'eva. Probl. stom. 5:104-109 '60.

Parallelism of the clinical and roentgenological aspects of periodontal tissues in pyorrhea alveolaris. A. D. Mukhina. Probl. stom. 5:51-56 '60.

Phagocytosis reaction in the treatment of pyorrhea alveolaris by autohemotherapy. O. G. Datsenko. Probl. stom. 5:114-121 '60.

Role of short-wave diathermy in the compound treatment of pyorrhea alveolaris. Z. N. Sharnevskaia. Probl. stom. 5:82-86 '60.

Splinting of mobile teeth in pyorrhea alveolaris. A. D. Mukhina, T. V. Sharova. Probl. stom. 5:110-113 '60.

Study of the microflora in pyorrhea alveolaris. S. L. Utevskaia, E. I. Dobrovol'skaia, G. A. Lichman. Probl. stom. 5:41-45 '60.

Use of a microbicidal novocaine solution among other drugs for the local treatment of the inflammatory-dystrophic form of pyorrhea alveolaris. Z. A. Ellis. Probl. stom. 5:57-62 '60.

Use of carbon dioxide in the compound treatment of pyorrhea alveolaris. I. O. Novik and others. Probl. stom. 5:74-81 '60.

Use of dental bridges in pyorrhea alveolaris. V. S. Kurilenko. Probl. stom. 5:92-95 '60.

Use of lightweight detachable prostheses in pyorrhea alveolaris. N. A. Dobytko. Probl. stom. 5:96-100 '60.

GUMS—INNERVATION

Data for the study of the periodontal nerves. E. D. Bromberg. Probl. stom. 5:15-21 '60.

Research data on the innervation of human gums. N. V. Liubchenko. Probl. stom. 5:372-375 '60.

GUMS—MICROBIOLOGY

Study of the microflora in pyorrhea alveolaris. S. L. Utevskaia, E. I. Dobrovol'skaia, G. A. Lichman. Probl. stom. 5:41-45 '60.

GUMS AND RESINS

Gums and guttiferous plants and their economic significance. L. P. Markova. Trudy Bot. inst. Ser. 5 no. 10: 7-35 '62.

New forms of vegetable raw materials. E. N. Moiseev, S. D. Shteinbok, A. A. Niklin. Vest. AN SSSR 32 no. 2: 54-56 F '62.

GUMS AND RESINS, SYNTHETIC see Resins, Synthetic

GUN FIRE CONTROL see Fire control (Gunnery)

GUNITE

Using gunite for lining mine workings. M. A. Iev, IU. Z. Shapiro. Shakht. stroi. 6 no. 2:4-8 F '62.

GUNSHOT WOUNDS

Autoplasty of the femoral artery with a venous transplant in gunshot injuries. N. A. Telkov, N. S. Zubareva, G. S. Sokolova. Vest. khir. no. 12:65-66 '61.

Malignant degeneration of trophic ulcers, ulcerative cicatrices and osteomyelitic fistulae produced by gunshot wounds. E. V. Mazurik. Nov. khir. arkh. no. 2:70-71 '62.

GUR'YEV—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

In close contact with the life of a plant. B. Shirokov. Part. zhizn' Kazakh. 32 no. 2:65-66 F '62.

GUR'YEV PROVINCE—COOPERATIVE SOCIETIES

This is the right course. G. Tochilin. Koop. Kazakh. 4 no. 3:45 Mr '61.

GURZUF—SANATORIUMS

Organization and methods for climatotherapy in the Gurzuf sanatorium of the Ministry of Defense. V. I. Vasilenko. Voen.-med. zhur. no. 8:74-75 Ag '61.

IOYE, LAKE

odical fluctuations of the level of Lake Gusinoye and formation of its basin D B Bazarov Kraeved r. no. 6 43-47 '61

OV, VASILII MIKHAILOVICH, 1902-

lii Mikhailovich Gus'kov, his 60th birthday Izv. vys ueb. zav., tsvet met. 5 no. 1 156-160 '62

IASTICS

e also subdivision under Ukraine)

tional factor in industrial gymnastics. N. IU. nov. Teor. i prak. fiz kul't. 24 no. 12:924-926

king with young gymnasts. V. A. Sokhatskii. Teor. rak. fiz kul't 24 no. 10, 784-785 '61

ASTICS, MEDICAL see Exercise therapy

COLOGY

e attention to the health of young girls. V. K. Lysen- Zdrav Bel. 7 no 12:53-54 D '61

blems in obstetrics and gynecology on the pages of azanskii Meditsinskii Zhurnal" since its foundation V. Manenkov. Kaz med. zhur no 4:98-102 Jl-Ag

of ACTH in obstetrics and gynecology. IA. E. Krivits- Kaz med. zhur no 4:49-50 Jl-Ag '61

k record of a gynecological station. V. S. Lur'e. rav. Bel 7 no. 6, 12-13 Je '61

COLOGY—CONGRESSES

f news. R. G. Bakieva, B G Sadykov. Kaz. med. r. no 6 90 N-D '61.

UM

-acteristics of solidification processes involved in formation of crystal structure in semihydrated gyp- n suspensions at 20° and 60°. E. A Amelina, E. E. alova, P. A. Rebinder Dokl AN SSSR 142 no 4 1-836 F '62.

-action between calcium aluminate and gypsum at h temperature. S D. Okorokov and others Zhur. kl. khim. 35 no. 2:255-263 F '62

, I. L., V. B. Ratinov, and S. G. Sitenok. [Manufacture gypsum and gypsum products] Proizvodstvo gipsa i ovykh izdelii. Moskva, Gos. izd-vo lit-ry po stroit., shit. i stroit. materialam, 1961. 190 p.

HORIZON see Artificial horizons (Aeronautical truments)

SCOPE

ayler of some gyroscopes. S. S. Tikhmenev. udy] MVTU no. 104:38-41 '61.

ct of the elasticity of the axial supports for the outer g of the gimbals on the nutational vibrations and ft of a gyroscope S. A. Khailamov. Dokl AN SSSR no. 5:1054-1057 F '62.

oscopes in ship models. N. TSelovol'nikov. Voen. an. 38 no. 2:34 F '62.

ion of a statically balanced gyroscope in gimbals set a vibrating foundation. A. M. Leatev Izv. vys. ucheb v. ;prib. 5 no. 1:82-88 '62.

ov, V. A. [The gyroscopic effect, its manifestations l applications] Giroskopicheskii effekt, ego proiavle- i i ispol'zovanie. Leningrad, Gos soiuznoe izd-vo ostroit promyshl., 1961. 103 p.

ory of a gyroscopic follow-up system in the case of idental disturbance L. IA. Roitenberg. Dokl. AN SR 142 no 5:1050-1053 F '62.

IJA REGION—DESCRIPTION AND TRAVEL

k, A. Haanjamaa. Tallinn, Eesti Riiklik Kirjastus, 1. 70 p. [In Estonian with summary in Latvian]

TUAL CRIMINALS see Recidivists

HIUM FLUORIDE

onium and hafnium oxo-fluorides IU. A. Buslaev, E. Gorbunova, M P. Gustiakova. Izv. AN SSSR. Otd. im. nauk no. 2 195-201 F '62.

AI, ZOIA MYKHAILOVNA, 1902-

zhenko, L. P. [Zoia Mykhailovna Haidai, People's ress of the U. S. S. R.] Zoia Mikhailovna Gaidai, odnaia artistka SSSR. Kyiv, Derzh. vyd-vo obra- vorchoho mystetstva i muzychnoi lit-ry URSR, O. 26 p. (Dekada ukrains'koi literatury ta mystetstva) (MH)

—ABNORMITIES

t causes the excessive growth of hair on the woman's e. A. S. Husarova. Rab. i stal. 37 no. 6:23 Je '61

DRESSING see subdivision under Germany, East

M I TARMIZI, 9th cent.

riptions on a fragment from the architectural en- mble of the Hakim i Tarmizi Mausoleum. M. E. sson. Trudy TashGU no. 172:44-60 '60.

IAIN GOL, BATTLE OF, 1939

ighter airplanes" by A. V. Vorozheikin. Reviewed by Simakov. Vest. Vozd. Fl. no. 11:84-86 N '61.

HALIDES—SPECTRA

Photoluminescence of heavy metal halides and semiconductor crystals M U Belyi, I S. Gorban', A A. Shishlovskii. Izv. AN SSSR Ser fiz 26 no 1 103-112 Ja '62.

HALL EFFECT

Design of error compensating networks for Hall transducers S G Taranov Shor. trud Inst elektrotekh AN URSR no. 18 38-44 '61

Hall coefficient of p-germanium as a function of the magnetic field strength P. I. Baranskii, R M Vinetskii Fiz. tver. tela 4 no. 1:289-291 Ja '62

Hall effect in cerium in a first-order phase transition A I. Likhter, V. A. Venttsel' Fiz tver tela 4 no. 2 485-489 F '62.

Lifetime of current carriers at different stages of saturation of the impurity atmospheres of dislocations by copper atoms. L S. Milevskii Fiz. tver tela 4 no. 2 429-433 F '62.

Mobility and effective mass of holes in gallium antimonide. V. I. Ivanov-Omskii, B T. Kolomiets, Chzhou-Khuan [Chou-huang] Fiz. tver. tela 1 no. 2 383-387 F '62

Photo-Hall effect and photoconductivity in a magnetic field. V. N Dobrovol'skii Fiz. tver tela 4 no. 2 329-335 F '62.

HALLEY'S COMET

Determination of the physical characteristics of the cyanogen halos about Halley's Comet of 1910 II D O. Mokhnach. Dokl AN SSSR 142 no 2 301-307 Ja '62.

HALLUCINATIONS AND ILLUSIONS

Changes in the bioelectrical activity of the cerebral cortex in patients with psychogenic hallucinations. N. I. Smirnova Probl sud psikh. 9:269-273 '61

Chronic hallucinations in organic brain diseases. E. IA. Shternberg. Vop. psikh. no. 4:273-283 '60.

HALLUCINOGENIC DRUGS—TOXICOLOGY

Clinical aspects and treatment of poisoning with some hallucinogens. E V. Ermakov. Voen.-med. zhur. no. 8, 89-91 Ag '61.

HALOGENATION

Radical halogenation of isoxazoles. N. K. Kochetkov, S D. Sokolov, N M. Vagurtova. Zhur. ob khim 32 no. 1 325-326 Ja '62.

HAMMERS

Designing rods for stamping hammers L. V. Nikitin Inzh. zhur. 1 no 3, 165-168 '61.

HAND

Morphological analysis of the human hand as the organ of work in N I. Pirogov's research studies G. A. Savich Vop antr. no 8 116-122 '61

HAND—ABNORMITIES AND DEFORMITIES

Surgical treatment in a case of acquired radial manus valga. T. A. Brovkina. Ortop., travm i protez. no. 1: 73-75 '62

HANDEL, GEORG FRIEDRICH, 1685-1759

Galatskaia, V. S. [Musical literature of foreign countries textbook for music schools. Translated by P. Rika] Aizrobezu muzikas literatura: Macibu gramata skolam. Riga Latvijas Valsts izdevnieciba. [In Latvian] Vol. 2. 1961. 218 p.

HANDICAPPED—EMPLOYMENT

Work adaptability in epilepsy. A. I. Boldyrev. Vop. psikh. no. 4:152-160 '60.

HANDICRAFT see subdivision under Languedoc; Nizhniy-Tagil region

HARBORS

Tulikov, I. M., and M. B. Gavrilenko. [Work organization of the labor fleet] Organizatsiia raboty portovogo flota. Moskva, Izd-vo "Morskoi transport," 1961. 122 p.

HARD FACING

Investigation of hard facing in a water vapor atmosphere. N. P. Emel'ianov, K. M. Mal'kov. Svar. proizv. no. 3: 16-20 Mr '62.

Mechanized hard facing of crane wheels at the Alchevsk Metallurgical Plant S. IA Shekhter. Avtom. svar 15 no. 3:73-78 Mr '62

Standardization of hard-faced drill bits. V. N. Volkov, I. E. Rudavskii. Izv vys ucheb. zav. ;geol. i razv. 4 no 12:103-109 D '61.

HARDBOARD

Adhesives for the manufacture of particle boards. A. G. Zebrodkin. Der. prom. 11 no. 3:3-5 Mr '62.

Botvinik, E. S., and others. [Use of the continuous method for the manufacture of particle boards] Proizvodstvo struzhechnykh plit nepreryvnym sposobom. Moskva, Goslesbumizdat, 1961. 98 p.

Fiber-particle boards. A. D. Shapiro, S. G. Rozinova. Der. prom. 11 no. 3:6-8 Mr '62.

Finishing of particle boards with the PE-219 polyester varnish. E. A. Vinogradova, L. L. Korshun, M. M. Notkin. Der. prom. 11 no. 3:24-25 Mr '62.

Nekhai, S. M., and V. I. Khitarov. [Power presses for the manufacture of particle boards] Pressy dlia struzhechnykh plit. Moskva, Goslesbumizdat, 1961. 76 p.

Problems in the theory of accelerated gluing of panels made of wood waste in a high-frequency field. V. M. Khrulev. Trudy Zap.-Sib. fil AS1A no. 3 61-72 '60.

HARDNESS

Glazov, V. M., and V. N. Vigdorovich. [Microhardness of metals] Mikrotvердost' metallov Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1962 224 p.

HARDNESS—TESTING

Effect of cobalt content on the hardness of ceramic metal WC - Co hard alloys. A. B Platov. Shor trud VNIITS no 2 82-89 '60

HARES

Weight characteristics of the skeleton and bone marrow in the common European hare (Lepus europaeus Pall.) V. I. Kosobutskii Dokl AN SSSR 143 no 1 242-244 Mr '62

HARMONIC ANALYSIS

Photoelectric analyzer of harmonics. Sh G. Shilonskii. Izm. tekh no 2:3-5 F '62.

Some problems in harmonic analysis. B. P. Panchakh. Dokl AN SSSR 142 no. 5:1026-1029 F '62

Znezdnyi, A. M. [Harmonics synthesis in radio engineering and electrical communications] Garmonicheskii sintez v radiotekhnike i elektrosviazi. Moskva, Gos energ. izd-vo, 1961 535 p

HARMONIC FUNCTIONS

Growth of functions which are harmonic within a cylinder and bounded on its surface together with their normal derivative. I. S. Arshon, M. A. Evgrafov. Dokl AN SSSR 142 no 4 762-765 F '62.

Instance of a function which is bounded outside a circular cylinder and is harmonic everywhere in space. I. S. Arshon, M A Evgrafov Dokl AN SSSR 143 no. 1, 9-10 Mr '62

HARROWS

The BDP-4.1 harrow. E. Ogryzkov, T. Ogryzkova, G. Chugunov. Tekh. v sel'khoz. 22 no 2:40 F '62

Semimounted BDP-41 disc harrow. V. A. Vishnevskii Trakt. i sel'khozmash. 32 no. 2:34 F '62

HARVESTING MACHINERY

Concerning the efficiency of agricultural harvesting machinery. M. E. Matsepuro, V. V. Katsygin Vop. zemledel., mekh. 7:5-27 '61.

Drive for a crop collector M. Kshunin Sel'. mekh. no 2 31 '62.

Harvesting unit made up of three reapers. N. Kiselev Sel'. mekh no 2 13-15 '62.

High-speed grain harvesting machinery. A. Vysypkov, A. Bliznakov. Sel' mekh no 2 10-13 '62.

Machine for harvesting sugar beet seed plants. S. IA. Bogachev. Trakt. i sel'khozmash. 32 no 2:33 F '62.

Motion of a harvester around a turn. S. S. Ivanov. Mekh. i elek sots. sel'khoz 20 no 1:43-44 '62.

Silage harvester for operation at increased speeds. N. Avdeev and others. Tekh. v sel'khoz. 22 no. 1:43-44 Ja '62.

Time rates for the dismantling and assembling of SK-3 self-propelled combines. Tekh. v sel'khoz. 22 no. 2: 77-80 F '62.

HAUERITE see subdivision under Raddusa

HAURYLAU, LEANID

"Fidelity"; verse by L. Hauryiau. Reviewed by R. Biarozkin Belarus' 19 no. 2:29 F '62.

HAWAIIAN ISLANDS—DESCRIPTION AND TRAVEL

On the Hawaiian Islands S. Korolev. Nov vrem. 20 no. 12 24-26 Mr '62.

HAWKWEED see subdivision under Estonia

HAWTHORN

Occurrence of natural accretion of hawthorn and medlar. I. D. Nechiporchuk and others. Agrobiologiia no. 6:918-920 N-D '61.

HAY see subdivision under United States

HAY—HARVESTING

The SNU-0,5 hay stacker and loader. S. F. Cheliel. Biul. tekh. -ekon. inform. no. 1:83-85 '62.

HAZEL—DISEASES AND PESTS

Cylindrosporium infection of hazel and chestnut and measures for its control. T. M. Akhundov. Trudy AzSTAZRa 1:115-122 '60.

HEAD—WOUNDS AND INJURIES

Statistical analysis of late sequelae from a closed injury of the head. M. E. Vartanian and others. Vop. psikh. no. 4:284-289 '60.

HEALTH EDUCATION

Health education in controlling religious prejudices. IA. N Trakhtman. Med. sestra 20 no. 11 28-34 N '61

Hygiene instruction in a children's medical institute. E. N. Selezneva. Med sestra 20 no. 11 45-50 N '61

Hygiene instruction in day nurseries. S A. Babadzhanova. Med. sestra 20 no. 11 54-55 N '61

Hygiene instruction in the polyclinic of children's Hospital No 21 L A. Popova. Med sestra 20 no 11 50-52 N '61.

Inculcating hygienic habits in students. S A Chuev Biol. v shkole no. 2;30-31 Mr-Ap '62.

Lessons on the topic "Care and hygiene of the U. S. S R. population." A. M. TSuzmer Biol v shkole no. 2-25-30 Mr-Ap '62.

Make wider use of the village cultural and educational institutions for spreading medical and hygienic knowledge. M. E. Zinger Med. sestra 20 no 11 14-17 N '61.

Participation of nurses in introducing some forms of sanitary instruction to the population. IA. L. Grossman Med. sestra 20 no 11 18-21 N '61

Publication by nurses of health bulletins. N. A. Albutov. Med. sestra 20 no 11 42-45 N '61.

HEALTH RESORTS, WATERING PLACES, ETC.
(see also subdivision under Kazakhstan, see also Caucasus)

Selecting patients for sanatorium and spa treatment. L. Khasin Zdrav Bel 7 no 6;21-23 Je '61

The today and tomorrow of our resorts. I. Kozlov. Sov. profsoiuzy 18 no. 1;35-37 Ja '62.

HEARING

Characteristics of the activity of the auditory analyzer in aphasia [with summary in English]. S. I Kaidanova, IA. A. Meerson. Zhur vys. nerv. deiat. 11 no 4;602-608 Jl-Ag '61.

Comparative characteristics of the dynamics of neural processes in the auditory and visual analysors in dogs in relation to the characteristics of their structure [with summary in English]. N. S. Popova. Zhur. vys. nerv. deiat. 11 no. 4;590-596 Jl-Ag '61

Conditioned reflex changes of the critical discretion interval in the auditory analyzer in man[with summary in English]. Zhur. vys. nerv. deiat. no. 4;593-601 Jl-Ag '61.

Effect of signal value of a stimulus on the thresholds of auditory sensitivity in the process of industrial training D. G. El'kin. Dokl. APN 5 no. 3;57-60 '61.

Electroencephalographic study of the relationship between the visual and auditory analyzers in patients with vascular diseases of the brain [with summary in French]. L. G. Makarova Zhur. nevr i psikh. 61 no 6 807-814 '61.

Mechanism of the perception of the spoken syllable I. A. Zimniaia. Dokl. APN 5 no 3;69-74 '61.

Morphological bases for the unequal role of the auditory and optical analysors in the behavior of dogs and monkeys [with summary in English]. V. P. Zvorykin Arkh. anat. gist. i embr. 41 no. 7;28-37 Jl '61.

Reaction of the auditory organ to high-frequency noise in hot shop conditions [with summary in English]. A. G. Rakhmilevich. Zhur. ush., nos. i gorl. bol. 20 no. 6; 62-65 N-D '60.

Research on the functions of hearing in persons specializing in the inspection of machinery by ear. Report No. 2. Sound-pitch range of hearing. IU A Kalikinskii. Dokl APN 5 no. 2 55-56 '61.

Research on the functions of hearing in persons specializing in the inspection of machinery by ear. Report No. 3. Distinguishing the volume of sound. IU. A. Kalikinskii. Dokl. APN 5 no. 3-75-78 '61.

Simplified auditory probe. M. I. Ovsiannikov. Zhur. ush., nos. i gorl. bol. 20 no. 6;87 N-D '60.

Some data on cortical localization and separate work of paired auditory centers in dogs [with summary in English]. V. M. Mosidze. Trudy Inst. fiziol. AN Gruz. SSR 12;107-119 '61.

Some methods of studying sound-pitch sensitivity in preschool children. Report No. 2 Differentiating pure tones under the conditions of their objectivation. T A. Repina. Dokl. APN 5 no. 5 69-72 '61.

Zonal nature of isolated sound perception. I. A. Zimniaia. Dokl. APN 5 no. 2;43-48 '61

HEARING, DEFECTIVE, IN CHILDREN see Defective hearing in children

HEARING AIDS

Individualized aural inserts for hearing aids. A. L. Prilutskii. Zhur. ush., nos. i gorl. bol. 20 no. 6;87-88 N-D '60.

TSentral'naia stantsiia lunykh tekhnikov, Moscow. [Eyeglasses and hearing aid combination] Priemnik - ochki. [Moskva] Izd-vo "Detskii mir," 1962, 1 fold. l. (Prilozhenie k zhurnalu "Iunyi tekhnik," no. 1(1115))

HEART

Action of polyglucin on the heart and the hemodynamics during plethoric transfusion and during acute hemorrhage [with summary in English] I. B. Gurevich, V. B Kozinet. Arkhiv. pat. no 2;42-49 '62.

Effect of total external irradiation with ionizing rays on the bioelectric activity of the heart [with summary in English]. K. Sh. Nadareishvili. Trudy Inst fiziol AN Gruz SSR 12 229-240 '61.

Elastic tendons in the heart of vertebrates and their functional significance. Kh M Malikov Med zhur Uzb. no 3 73-74 Mr '60

Formation of reflex regulation of the activity of the heart and respiration in animals in phylogenesis and ontogenesis D. A. Biriukov and others Fiziol zhur 18 no 1. 55-63 Ja '62

Intracavitary electrocardiography in cardiac catheterization. G. I. Astrakhanteeva Grud. khir no 5 32-38 '61

Pathologic anatomical changes in the heart in accident injuries [with summary in English] F Shurmin Izv AN Latv SSR no 11 117-122 '61

Seismocardiography - a new method in the study of the functional state of the heart. B. S. Bozhenko. Terap arkh. no 9,55-64 '61.

Significance of the tone of the vagus nerve centers in the economic form of cardiac activity A. I Smirnov Vest AMN SSSR 16 no 12,65-73 '61

Take care of your heart from your youth up. I. Pishchugin. Kryl. rod 13 no. 1 26 Ja '62

HEART—ABNORMITIES AND DEFORMITIES

Carbohydrate function of the liver in congenital defects of the heart N. G. Zernov. Kaz med. zhur. no. 6 11-13 N-D '61.

Electrocardiography and phonocardiography in the diagnosis of defects of the interatrial septum [with summary in English] M. I. Burmistrov, A. B. Zorin, A. I Koblents-Mishke Grud khir. 4 no 1;24-29 Ja-F '62

Indications for surgery and the choice of method in defects of the interatrial septum [with summary in English] V. I. Burakovskii, F. N. Romashov Grud. khir. 4 no. 1,3-10 Ja-F '62.

Pathological anatomy of congenital defects of the heart. L. D. Krymskii Vest. AMN SSSR 16 no 12;80-84 '61

HEART—DISEASES

Changes of the myocardium in Botkin's disease. L. S. Shvarts and others. Terap. arkh. no. 9;71-78 '61

Clinical phonocardiographic observations in disorders of the heart rhythm and its conductivity in children [with summary in English] M. K Oskolkova, T. I. Ternova. Pediatriia 41 no. 3;26-33 '62

Congenital fibroelastosis of the heart. IU A Medvedev, T. E Medvedeva. Kaz. med. zhur. no. 6 52-54 N-D '61.

Endocardial fibroelastosis in children [with summary in English]. I. O. Levinas. Pediatriia 41 no 3 81-89 '62

Endocrine system and cardiac insufficiency. R. G. Mezhebovskii Terap. arkh no 9;7-11 '61

Factors responsible for the development of edema in patients with cardiac diseases. V. K. Serkova. Vrach. delo no. 1;49-44 Ja '62.

Importance of esophagocardiography in evaluating hemodynamic changes in heart defects. R. B. Minkin Terap. arkh no. 7;28-34 '61.

Kuprianov, P. A., and V. I. Mishura. [Heart defects and their surgical treatment] Poroki serdtsa i ikh khirurgicheskoe lechenie. [Leningrad] Medgiz, 1961. 66 p. (Nauchno-populiarnaia meditsinskaia literatura) (DNLM)

Pancreatic function in cardiac diseases. I. V. Kozlovskii. Zdrav. Bel 7 no. 6;32-34 Je '61

Pericardiac diseases ("Acta universali carolinai," No. 4, 1960). Zdrav. Bel. 7 no. 6;65 Je '61.

Role of Sokolskii-Bouillaud's disease in the etiopathogenesis of diabetes [in Azerbaijani with summary in Russian]. T. G. Khalafov. Azerb. med. zhur. no. 8; 29-35 Ag '61.

Use of diuretics in cardiac insufficiency. G. L. Kats. Vrach. delo no. 1;152-153 Ja '62.

HEART—DISEASES—PSYCHOSOMATIC ASPECTS

Psychiatric aspect of surgery in acquired defects of the heart [with summary in English]. V. V. Kovalev. Grud. khir. 4 no. 1;18-24 Ja-F '62.

HEART—EXAMINATION

Use of electrokymography in examining athletes' hearts. IU. G. Ablov. Teor. i prak. fiz. kul't. 24 no. 8;622-627 '61.

HEART—FOREIGN BODIES

Foreign body in the heart. IU. N. Murashov. Zdrav. Bel. 7 no. 12;60 D '61.

HEART—HYPERTROPHY AND DILATATION

Change in size of the left auricle in mitral stenosis. M. I. Neporent, I. I. Sivkov, N. L. IAstrebtsova. Terap. arkh. no. 7;16-22 '61.

Preparing patients for and the postoperative course in surgical treatment of cardiac aneurysms [with summary in English]. R. N. Lebedeva, I. S. Kun, I. Z. Kozlov. Sov. med. 25 no. 12;26-30 D '61.

HEART—INFARCTION

Electrocardiographic examinations of patients with myocardial infarction under the influence of exercise therapy M. A. Voskanov, I M Grishina Terap arkh no 9,113-114 '61.

Induction of necroses in the myocardium of rabbits by isadrine (isopropylnoradrenaline) [with summary in English] IU. Anshelevich, A. Amelina, M Melzobs Izv. AN Latv SSR no 12 91-94 '61.

Postinfarction syndrome [with summary in English]. A. M. Damir, S Kh Sidorovich Terap arkh no 7,7-10 '61

Prophylaxis and therapy of experimental myocardial infarction in rabbits by preparations derived from Bunge's Zizyphora. F. D. Dzhumagalieva Vest AN Kazakh. SSR 18 no. 1;53-56 Ja '62

Protein fractions of the blood serum in acute myocardial infarction following thrombosis [with summary in English] N. I. Semenovich Terap. arkh. no. 9;39-42 '61

Use of nitrous oxide in stenocardia and myocardial infarction under first aid conditions [with summary in English]. V. S Belkin Terap. arkh no 12 51-56 '61

Variations in serum iron in patients with acute myocardial infarction [with summary in English] M I Zolotova-Kostomarova, L. R. Nozdrukhina Terap arkh no 12 42-51 '61.

Wolff-Parkinson-White clinical electrocardiographic syndrome in a patient with myocardial infarction A. S Smetnev, T. I Bolinkova, Terap arkh no 9,110-112 '61

HEART—MUSCLE

Effect of some pharmacological substances on oxygen consumption by a "dry" myocardium of the isolated dog' heart L. V. Rozenshtraukh Dokl AN SSSR 140 no 5 1220-1222 O '61.

Free transplantation of the heart muscle in dogs in an experiment [with summary in English]. N. P. Sinitsyn Arkh. anat. gist. embr. 40 no. 6;41-45 Je '61.

HEART—MUSCLE—BLOOD SUPPLY

Blood supply of the papillary heart muscles in man [with summary in English]. E. B. Koslagina. Vrach. delo no. 1,37-40 Ja '62.

HEART—MUSCLE—DISEASES

Vectorcardiogram in myocardial hypertrophy of the right ventricle [with summary in English]. N. A. Gvatua, P. F. Demidiuk, A I Leshchenko. Vrach. delo no 1 31-37 Ja '62.

HEART—RADIOGRAPHY

Contractile and tonic function of the heart in patients subjected to the action of ionizing radiation. G IU. Koval' Kaz med zhur. no. 6,10-11 N-D '61.

Roentgenography of the heart during phases of the cardiac cycle selected at random [with summary in English] V S Gurfinkel' and others Vest. rent i rad 36 no 6 25-28 N-D '61.

Tomography of the heart and large vessels. D. M. Abdurasulov, K. E. Niklishin, N. F. Mushenkova. Med. zhur. Uzb no 11;20-24 N '61

HEART—SOUNDS

Clinical phonocardiographic observations in disorders of the heart rhythm and its conductivity in children [with summary in English]. M. K. Oskolkova, T. I. Ternova Pediatriia 41 no. 3;26-33 '62

Electrocardiography and phonocardiography in the diagnosis of defects of the interatrial septum [with summary in English]. M. I. Burmistrov, A B. Zorin, A. I. Koblents-Mishke. Grud. khir. 4 no 1;24-29 Ja-F '62.

Phonocardiography in the diagnosis of valvular diseases of the heart [with summary in English]. I. K. Sledzevskaia. Vrach. delo no. 1;26-31 Ja '62.

HEART—SURGERY

Changes of venous pressure in aneurysm of the heart and its experimental resection [with summary in German]. E. Ezerietis. Izv AN Latv. SSR no. 12;75-80 '61.

Kuprianov, P. A., and V. I. Mishura. [Heart defects and their surgical treatment] Poroki serdtsa i ikh khirurgicheskoe lechenie. [Leningrad] Medgiz, 1961. 66 p. (DNLM)

New method of registering the blood pressure in the ventricle of the heart of dogs. N. P. Sinitsyn. Grud. khir. no. 5;18 '61.

Psychiatric aspect of surgery in acquired defects of the heart [with summary in English]. V. V. Kovalev. Grud khir. 4 no. 1;18-24 Ja-F '62.

Severe complications in heart operations. V. K. IAsevich, E. M. Khodiev, Kh. Kh. TSener Med. zhur. Uzb. no 11 25-28 N '61.

HEART—VALVES—DISEASES

Phonocardiography in the diagnosis of valvular diseases of the heart [with summary in English]. I. K. Sledzevskaia. Vrach. delo no. 1;26-31 Ja '62.

Surgical treatment of tricuspid insufficiency; survey of the literature. IU. A. Galushko, A. D. Levont, P. P. Ananikian. Grud. khir. 4 no. 1;121-126 Ja-F '62.

HEART BEAT

Accelerometric precordial ballistocardiogram (kinetocardiogram) in normal subjects (Possibility of determining the phase structure of cardiac contractions) I. E. Ornanskii. Terap. arkh. no. 9 65-70 '61.

Study of minute and systolic volume of the heart during bar weight-lifting. A. N. Vorob'ev. Teor. i prak. fiz. kul't. 24 no. 12:921-923 '61

HEART FAILURE

Some problem in treating heart arrest during emergency surgical aid [with summary in English in insert]. N. M. Riabova, B. N. Rabinovich, Z. A. Topchaishvili. Ortop., travm. i protez. no. 12:23-28 '61

Use of direct cardiac massage for artificial blood circulation (experimental-morphological data) [with summary in English] B. V. Antipov, IU. M. Gal'perin. Grud. khir. no. 5:52-56 '61

HEAT—CONDUCTION

Calculating the heating of ingots and blanks for forging and their cooling during the forging. N. M. Zolotukhin. Konstr. i tekh. mash. no. 1:182-202 '61

Determining thermophysical properties in a wide range of temperatures. D. V. Budrin, IU. G. IAroshenko, V. D. Suchkov. Izv. vys. ucheb. zav.; prib. 5 no. 1:118-127 '62.

Device for determining the coefficients of heat conductivity of light concretes and other building materials. A. S. Epshtein. Trudy Zap.-Sib. fil. ASIA no. 3:42-50 '60.

Engineering method of analyzing nonstationary processes of heat conductivity in thin multiple-layer walls. G. V. Petrazhitskii, V. I. Polezhaev. Teploenergetika 9 no. 2:73-76 F '62

Estimated equation of the heat conductivity of heavy petroleum products. Z. I. Geller, IU. L. Rastorguev. Teploenergetika 9 no. 2:93-95 F '62.

Rapid determination of the temperature dependence of heat conductivity of fibrous and loose materials. G. S. Platunov. Izv. vys. ucheb. zav.; prib. 5 no. 1:110-117 '62.

Solving the differential equation of heat conduction applicable to the problems of heating of forging and rolling ingots. N. M. Zolotukhin. Konstr. i tekh. mash. no. 1:174-181 '61.

HEAT—CONVECTION

Darybaev, Kh. A., and others. [Some aspects of convective heat transfer in an incompressible fluid (internal problem); Conference on Heat and Mass Transfer, Minsk, January 23-27, 1961] Nekotorye voprosy konvektivnogo teploobmena v neszhimaemoi zhidkosti (vnutrennaia zadacha); soveshchanie po teplo-i massoobmenu, g. Minsk, 23-27 ianvaria 1961 g. [Minsk, 1961] 17 p.

[MICROFILM]

Studying the process of convection heat exchange in winding slit conduits. I. M. Kovalenko. Teploenergetika 9 no. 2:77-79 F '62

Using electronic calculating machines of continuous action for the analysis of the processes of convection heat exchange. I. G. Libertsman, E. I. Taubman. Teploenergetika 9 no. 2:67-70 F '62.

HEAT—PHYSIOLOGICAL EFFECT

Effect of gamma rays and thermal processing on the destruction of antioxidants in lard [with summary in English]. V. L. Pirl'skaia. Vop. pit. 21 no. 1 65-68 Ja-F '62.

Influence of a high environmental temperature on simultaneous complex conditioned reflexes in dogs [with summary in English]. L. M. Sidorova. Zhur. vys. nerv. deiat. 11 no. 4:697-702 Jl-Ag '61.

State of gastric secretion in workers in hot workshops. V. A. Sukhanova. Gig. truda i prof. zab. no. 2:55-57 '62.

HEAT—RADIATION AND ABSORPTION

Apanasevich, P. A., and V. S. Aizenshtadt. [Tables of the distribution of energy and photons in an equilibrium radiation spectrum] Tablitsy raspredeleniia energii i fotonov v spektre ravnovesnogo izlucheniia. Minsk, Izd-vo Akad. nauk BSSR, 1961. 250 p.

Ekkert, E. R., A. A. Khaydov, and V. Zh. Minkovich. [Heat transfer, reduction temperature and surface friction in a plane plate with hydrogen injection into the laminar boundary layer] Teploobmen, temperatura vosstanovleniia i poverkhnostnoe trenie na ploskoi plastine s podachei vodoroda v laminarnyi pogranichnyi sloi; soveshchanie po teplo- i massoobmenu, g. Minsk, 5-10 iiunia 1961 g. [Minsk, 1961] 34 p.

[MICROFILM]

HEAT—TRANSMISSION

Certain conditions of heat transfer in forgings during hot deformation. E. N. Moshnin. Kuz.-shtam. proizv. 4 no. 2:10-12 F '62.

Considering the effect of a longitudinal nonisothermal layer on the coefficient of heat transfer under inner problem conditions. L. I. Kudriashev, V. K. Liakhov. Izv. vys. ucheb. zav.; av. tekh. 4 no. 4:104-110 '61.

Determining the heat transfer coefficients in calculations for installations used in evaporating and heating molasses waste. N. IU. Tobilevich, I. I. Sagan', V. T. Galiacha. Izv. vys. ucheb. zav., pishch. tekh. no. 6 112-118 '61

Diffusion type thermal shielding by means of a porous plate in a gas dynamic flow through percolation of a liquid and physicochemical reaction in a laminar boundary layer. E. P. Vaulin, N. N. Gvozdkov. Zhur. tekh. fiz. 32 no. 2 238-247 F '62.

Effect of the size and specific gravity of solid particles on their coefficient of heat transfer toward gas in a fluidized bed. N. I. Gel'perin, V. G. Ainshtein. Khim. i tekh. topl. i masel 7 no. 3:6-9 Mr '62

Gvozdkov, N. N., and E. P. Vaulin. [Heat transfer from a porous plate in gas flow, Conference on Heat and Mass Transfer, Minsk, January 23-27, 1961] O teploobmene peristoi plastiny v gazovom potoke, soveshchanie po teplo-i massoobmenu, g. Minsk, 23-27 ianvaria 1961 g. [Minsk, 1961] 16 p.

[MICROFILM]

Heat balance of electric shaft furnaces. N. V. Galitskii. Titan i ego splavy no. 5:254-266 '61

Heat or mass transfer between particles and the surrounding medium flowing past the particle. E. Ruckenstein. Zhur. prikl. khim. 35 no. 2:377-384 F '62

Heat transfer in case of high-pressure steam condensation within pipes. Z. L. Miropol'skii. Teploenergetika 9 no. 3:79-83 Mr '62

Heat transfer in case of laminar flow of nonstabilized viscous fluid in a short ring channel. V. A. Gertsovskii, V. G. Fastovskii, A. E. Rovinskii. Teploenergetika 9 no. 3:68-70 Mr '62.

Investigating thermal processes in converter "caissons" and chimneys. S. M. Andon'ev and others. Stal' 22 no. 2 173-176 F '62

Kutateladze, S. S. [Heat transfer in boiling; Conference on Heat and Mass Transfer, Minsk, January 23-27, 1961] Teploobmen pri kipenii; soveshchanie po teplo-i massoobmenu, g. Minsk, 23-27 ianvaria 1961 g. [Minsk, 1961] 37 p.

[MICROFILM]

Lykov, A. V. [Study of heat and mass transfer in a boundary layer using methods involving the thermodynamics of irreversible processes; Conference on Heat and Mass Transfer, Minsk, January 23-27, 1961] Primenenie metodov termodinamiki neobratimykh protsessov k issledovaniiu teplo-i massoperenosa v pogranichnom sloe; soveshchanie po teplo-i massoobmenu, g. Minsk, 23-27 ianvaria 1961 g. [Minsk, 1961] 17 p.

[MICROFILM]

Mikheev, M. A., and I. M. Mikheeva. [Brief course in heat transfer] Kratkii kurs teloperedachi. Moskva, Gos. energ. izd-vo, 1960. 208 p.

[MICROFILM]

One-dimensional nonstationary heating and melting of a solid body moving in gas along its plane surface. E. M. Shakhov. Inzh. zhur. 1 no. 3:46-59 '61.

Optimum arrangement of heating surfaces consisting of circular tubes. A. I. Risovich. Teploenergetika 9 no. 2:32-35 F '62.

Perel'man, T. L. [Heat transfer in a laminar boundary layer during flow over a thin plate containing internal sources; Conference on Heat and Mass Transfer, Minsk, 1961] Teploobmen v laminarnom pogranichnom sloe pri obtekanii tonkoi plastiny s vnutrennimi istochnikami; soveshchanie po teplo-i massoobmenu, g. Minsk, 1961 g. [Minsk, 1961] 9 p.

[MICROFILM]

Polikov, IU. A., and E. A. Mil'kina. [Method for studying heat transfer in a short-duration process in gas dynamics; Conference on Heat and Mass Transfer, Minsk, January 23-27, 1961] Metod izucheniia teploobmena v kratkovremennom gazodinamicheskom protsesse; soveshchanie po teplo-i massoobmenu, g. Minsk, 23-27 ianvaria 1961 g. [Minsk, 1961] 17 p.

[MICROFILM]

Predvoditelev, A. S. [Aerodynamics of rarefied gases and heat-transfer problems; Conference on Heat and Mass Transfer, Minsk, January 23-27, 1961] Ob aerodinamike razrezhennykh gazov i zadachakh teploobmena; soveshchanie po teplo-i massoobmenu, g. Minsk, 23-27 ianvaria 1961 g. [Minsk, 1961] 24 p.

[MICROFILM]

Shteinberg, V. M. [New method for calculating a nonsteady-state temperature field for a semi-infinite inhomogeneous complex of bodies in mutual thermal contact; Conference on Heat and Mass Transfer, Minsk, January 23-27, 1961] Novyi metod rascheta nestatsionarnogo temperaturnogo polia dlia polubeskonechnogo neodnorodnogo kompleksa tel, nakhodiashchikhsia vo vzaimnom teplovom kontakte; soveshchanie po teplo-i massoobmenu, g. Minsk, 23-27 ianvaria 1961 g. [Minsk, 1961] 17 p.

[MICROFILM]

Soveshchanie po teplo- i massoobmenu, Minsk, 1961. [Abstracts of papers and reports presented at the Conference on Heat and Mass Transfer; supplement] Tezisy dokladov i soobshchenii (dopolnenie). Minsk, 1961. 99 p.

[MICROFILM]

Studying the heat transfer in the working cylinder of a diesel engine. G. B. Rosenblit. Energomashinostroenie 8 no. 2:19-22 F '62.

Subbotin, V. I., and others. [Heat transfer and turbulent heat transport in a flow of liquid metals, Conference on Heat and Mass Transfer, Minsk, January 23-27, 1961] Teplootdacha i turbulentnyi perenos tepla v potoke zhidkikh metallov, soveshchanie po teplo-i massoobmenu, g. Minsk, 23-27 ianvaria 1961 g. [Minsk, 1961] 18 p.

[MICROFILM]

Thermal field of the cathode in an aluminum electrolytic cell. M. A. Korobov, A. M. TSyplakov, B. I. Timchenko. TSvet. met. 35 no. 2:48-55 F '62.

Thickness of the film of liquids in film-type apparatus. L. IA. Zhivaikin. Khim. mash. no. 6:25-29 N-D '61.

Vaulin, E. P. [Heat and mass transfer in a body in the case of a solid - gas-phase transition occurring on its surface, Conference on Heat and Mass Transfer, Minsk, January 23-27, 1961] Teplo-i massoobmen pri nalichii na poverkhnosti tela fazovogo perekhoda tverdoe telo - gaz, soveshchanie po teplo-i massoobmenu g. Minsk, 23-27 ianvaria 1961 g. [Minsk, 1961] 16 p.

[MICROFILM]

Voropaev, A. F. [Temperature control in deep mines] Upravlenie teplovym rezhimom v glubokikh shakhtakh, Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 246 p.

Vulis, L. A. [Overlapping of molecular and molar effects in the transition region of a flow, Conference on Heat and Mass Transfer, Minsk, June 5-10, 1961] O vzaimonalozhenii molekuliarnykh i molia nykh effektov v perekhodnoi oblasti techeniia; soveshchanie po teplo-i massoobmenu, g. Minsk, 5-10 iiunia 1961 g. [Minsk, 1961] 16 p.

[MICROFILM]

HEAT ACCUMULATORS see Heat regenerators

HEAT CAPACITY

Specific heat (c_v) of water and water vapor in phase transitions and supercritical parameters. Kh. I. Amirkhanov, A. M. Kerimov. Dokl. AN SSSR 142 no. 5:1101-1104 F '62.

HEAT ENGINEERING

Morgulis, P. S., and N. T. Romanenko. [Guide for practical laboratory work in heat engineering; course on machinery] Rukovodstvo k praktikumu po teplotekhnike (kursa mashinovedeniia). Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv., 1961. 60 p. diagrs.

Samoilov, V. P. [Heat-consuming systems in the cotton industry] Teplotsepol'zuiushchie ustanovki khlopchatobumazhnoi promyshlennosti. Dopushcheno 20/V 1959 g. Ministerstvom vysshego obrazovaniia SSSR v kachestve uchebnogo posobiia spetsial'nosti "Promyshlennaia teploenergetika" vuzov tekstil'noi promyshlennosti. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1961. 283 p.

Shumskii, E. G., and B. A. Bogdasarov. [General heat engineering] Obshchaia teplotekhnika. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 459 p.

HEAT ENGINEERING—BIBLIOGRAPHY see Bibliography—Heat engineering

HEAT EXCHANGERS

Abrasive cleaning of shell-and-tube heat exchangers (from "Industrial and Engineering Chemistry," 52, no. 12, 1960) Koks i khim. no. 12:59-60 '61

Application of ultrasonics for removing scale from heat-exchange apparatus. N. M. Khvatkov, V. F. Makienko. Koks i khim. no. 6:46-49 '61.

Heat transfer and hydraulic resi with spherical stamped-out sh others. Izv. vys. uch '61.

Investigating the hea finned laminar heat corrugated fill rac Kremn'ov, Z. V. Sen URSR no. 2:196-200

Investigating the processes of heat exchange in cyclone-frothing apparatus during the cooling of gases by liquids. S. A. Bogatykh, E. A. Reut. Khim. mash. no. 6:21-24 N-D '61.

New design for cyclone heat exchangers. V. K. Khokhlov, A. E. Miagkov. Nauch. soob. NIITSementa no. 11:9-11 '61.

HEAT EXCHANGERS—CLEANING

Flushing heat exchangers with hot water. Neftianik 7 no. 2:24 F '62.

HEAT OF COMBUSTION

Combustion heat of gluten proteins with reference to the formation of gluten. V. V. Ponomarev and others. Dokl. AN SSSR 142 no. 4:946-949 F '62.

HEAT OF FORMATION

Effect of the temperature of preparing a one-phase tantalum-tungsten carbide on the incubation period of decomposition. A. E. Koval'skii, E. IA. Vrzheshch. Sbor. trud. VNIITS no. 2 129-134 '60.

HEAT OF FORMATION (Continued)

Heat of formation of decaborane. G. L. Gal'chenko, B. I. Timofeev, S. M. Skuratov Dokl AN SSSR 142 no 5, 1077-1080 F '62

Heat of formation of n-butyl ester of di-n-butylboric acid. G.L. Gal'chenko and others Zhur.ob.khim 32 no.1:284-287 Ja '62

HEAT OF REACTION see Chemical reaction, Heat of

HEAT OF VAPORIZATION

Mass-spectrometric determination of the heat of vaporization of monomers and the bond energy dimers. G.M. Martynkevich. Izv.AN SSSR,Otd.tekh.nauk.Met. i topl. no.1:127-133 Ja-F '62.

HEAT REGENERATORS

Investigating radiation recuperators and two-conductor burners used in forge shops. G F. Degtev, V.I Kharchenko. Kuz.-shtam.proizv. 4 no.2:28-30 F '62.

Use of secondary power resources at the Ust'-Kamenogorsk Lead and Zinc Combine N.A Stoliarevskii TSvet.met 35 no 2:23-28 F '62

HEAT-RESISTANT ALLOYS—HEAT TREATMENT

Effect of the method of heat treatment on some properties of heat-resistant alloys. L. F. Chernov. Konstr.i tekh.mash. no.1:261-267 '61.

HEAT-RESISTANT STEEL see Steel, Heat-resistant

HEAT TREATING FURNACES see Furnaces, Heat treating

HEATING

Breaks in the operation of a heating system A. M. Shklover. Vod.i san.tekh. no 2,6-11 F '62

HEATING FROM CENTRAL STATIONS

Efficient diagram of a turbine installation for the electric power system of a district heating plant D P Gokhshtein Energomashinostroenie 8 no 2 12-14 F '62

Erection of pipelines for heating systems above ground. B. V. Lapatin. Izv vys. uchab zav. ,energ 5 no.1: 99-104 Ja '62.

HEATING FROM CENTRAL STATIONS—CONGRESSES

Baltic Conference on Heating from Central Stations [in Latvian]. K. Paegle Izv AN Latv. SSR no 1 143 '62

HEATING FROM CENTRAL STATIONS—SAFETY MEASURES

Problem concerning the application of operational and safety engineering regulations to the operation of public electric power plants, electric networks, and thermal networks. Prom. energ. 17 no 3:57 Mr '62.

HEATING PIPES

Thin-walled pipes in heating and gas supply systems. I. Sharmanovskii. Sel'. stroi. 16 no.12:23 D '61

HEATING PLANTS—MAINTENANCE AND REPAIR

Conical feeler gage for measuring the diameters of elevator jets. A V. Savinov Energetik 10 no 2 17 F '62

HEBLER, INGRID

Ingrid Hebler. Sov.muz. 26 no.2:100-110 F '62.

HEGEL, GEORG WILHELM FRIEDRICH, 1770-1831

Hegel on the concreteness of ideas. Zh. Abdil'din. Trudy Inst.filos.i prava AN Kazakh.SSR 5:146-166 '61.

Marxist interpretation of Hegel's works and its distortion by revisionists. A. Gede. Nauch. dokl. vys shkoly; filos. nauki 5 no.1:107-113 '62.

Moments in the idea of development in Hegel's philosophy. M.I. Bakanidze Trudy Inst.filos i prava AN Kazakh SSR 5:188-216 '61

A session devoted to the 125th anniversary of Hegel's death. Sov gos. i pravo no. 2:124-127 F '57.

HELICOPTERS
(see also subdivision under Kazan)

Helicopters with rotors on wings. N. Kamov. Kryl. rod. 12 no.10:26 O '61

HELICOPTERS—JUVENILE LITERATURE

Helicopter. IUn.tekh. 6 no.2:42-43 '62

HELICOPTERS—MAINTENANCE AND REPAIR

Belikov, V. T., N. N. Panov, and V. V. Filippov. [Maintenance of helicopters] Tekhnicheskaia ekspluatatsiia vertoletov. Moskva, Voen. izd-vo M-va oborony SSSR, 1961. 311 p.

HELICOPTERS—MODELS

Construction of the model of a coaxial helicopter. V. Slepkov. Kryl rod. 12 no.10:29-30 O '61.

HELICOPTERS—PILOTING see subdivision under Vladimir

HELIUM—SPECTRA

Observation of the enhancement of the infrared helium line 10830 A [with summary in English]. P.V.Shchegolev. Astron.zhur. 39 no.1:158-159 Ja-F '62.

HELMINTHOLOGY see subdivision under Kazakhstan

HEMATOMA

Genesis of epidural hematomas appearing without direct injuries of the menigeal vessels N IA. Vasin Vest khir no 2 122-123 '62

Thromboses of the sinuses of the dura mater, of the cerebral veins and subdural hematomas in infectious psychoses with an acute course. I. V. Katarinova Vop.psikh. no. 4:347-353 '60.

HEMOCHROMATOSIS

Idiopathic pulmonary hemosiderosis [with summary in English] K. K. Vasil'eva, M G Miodik, N A. Fokina Vest rent. i rad 36 no 6 16-19 N-D '61

HEMOGLOBIN

New data in the study of the forms of hemoglobin; survey A S TSirkina Lab delo 8 no 2 3-7 F '62

HEMOLYMPH

Comparative histology of the blood and connective tissue Form elements in the hemolymph of Ixodes ticks [with summary in English]. V. A. TSvileneva Arkh. anat. gist. embr. 40 no.6:01-100 Je '61

HEMOLYSIS AND HEMOLYSINS

Determining the catalase activity of hemolyzed blood in 1-second and 15-second periods of reaction with hydrogen peroxide S. I. Krainev Lab delo 8 no 2 13-18 F '62

Mass centralized production of dry hemolysin. Z. I. Borishpolets. Veterinariia 39 no.1:77-79 Ja '62

HEMOPHILIA

Hemorrhagic diathesis in burn disease [with summary in English]. L. M. Kitachkin, V. I. Filatov. Sov med 25 no 12:42-48 D '61.

Laboratory differentiation of hemophilia and the functional state of the coagulation system of the blood in hemophiliacs. N A Messineva, E V. Karaseva. Lab. delo 8 no 2 7-13 F '62.

Pathogenesis of hemophilia and the mechanism of hemostatic effect in treating aplastic and hypoplastic anemias. F. E. Fainshtein, I. D. Orlova Terap arkh no 7:84-91 '61

HEMORRHAGE

Action of polyglucin on the heart and the hemodynamics during plethoric transfusion and during acute hemorrhage [with summary in English] I. B. Gurevich, V. B. Koziner. Arkh pat no 2:42-49 '62.

Case of arterial hemorrhage in tuberculous infection of the endothoracic lymph nodes. V. I Gribkov, S B. Tiatov Probl tub. no. 2 100-101 '62.

Changes in some components of blood coagulation in patients who have suffered massive hemorrhage or the terminal state. E. P. Stepanian, E. M. Smirenskaia Grud khir. 4 no.1:41-48 Ja-F '62.

Degree of bleeding during tonsillectomy and its comparison with the most widely spread indices of a coagulogram [with summary in English]. V G. Ermolaev Vest otorin no. 2 42-46 '62.

Genesis, prevention, and treatment of gastroduodenal hemorrhages complicating steroid therapy [with summary in English] E. G Pikhlak Terap arkh no. 12 83-90 '61

Late secondary hemorrhage following surgery in necrosis of the pancreas. IU I. Diukov. Nov.khir.arkh. no.1:108-110 Ja-F '60.

So-called spontaneous intraperitoneal hemorrhages [with summary in English] M. G. Salamatov. Khirurgiia no 2,28-36 '62.

Two cases of hemorrhage from the aorta in complicated trauma of the esophagus. V. F. Teteneva. Grud. khir. no. 5:110 '61.

HEMORRHAGE, UTERINE

Climacteric hemorrhages. V.V.Slonitskii. Fel'd.i akush. 26 no.11:23-26 N '61.

Cytology of the epithelium of the uterine mucosa in climacteric hemorrhages following administration of trace elements G. I Ioffe-Goluhchik, V. F. Farkhadi Med zhur. Uzb. no 3,67-69 Mr '60.

Treating atonic hemorrhage in the postnatal period by a tight tamponade of the uterus and vagina. K. M. Semakov. Kaz. med. zhur. no. 4:45-47 Jl-Ag '61

HEMORRHAGIC FEVER
(see also subdivision under Tatar A.S.S.R.)

Types of hemorrhagic fever diseases with natural foci, studied in the territory of the U.S.S.R. T.A.Bashkirev. Kaz.med.zhur. no.6:42-47 N-D '61.

HEMORRHOIDS

Operative treatment of hemorrhoids complicated by acute thrombophlebitis. B. D. Dobychin, K. V Luzhnov. Nov. khir. arkh. no 3,38-43 My-Je '60.

Pathogenesis and clinical aspects of hemorrhoids. M. I. Kolomiichenko. Nov. khir. arkh. no. 3,12-17 My-Je '60.

Prevention and treatment of hemorrhoids. P.G.Gatsuk. Fel'd.i akush. 26 no.11:15-18 N '61.

HEPARIN

Heparinization of the blood in operation using the artificial blood circulation system apparatus of the Scientific Research Institute of Experimental Surgical Apparatus and Instruments in an experiment [with summary in English] L. V. Potashov and others Grud khir 4 no 1: 12-16 Ja-F '62

HEPATITIS, INFECTIOUS
(see also subdivision under Uzbekistan)

Activity of the alkaline phosphatase of the blood serum in Botkin's disease. I.E.Golubovskii Kaz.med.zhur no.6:19-20 N-D '61

Change in blood coagulation factors in Botkin's disease IU. S. Sapun. Zdrav Bel. 7 no 8:21-26 Ag '61

Changes of the myocardium in Botkin's disease. I. S. Shvarts and others Terap arkh no. 9,71-78 '61

Characteristics of jaundice in pregnant women [with summary in English] N. A. Faibei Sov med. 25 no 12,40-55 D '61

Clinical characteristics of Botkin's disease in the case of parenteral (serum) infection. R. M. Shapiro, M. S. Khomenko Zdrav Kazakh. 21 no 5,60-63 '61

Conferences devoted to infectious hepatitis I. B. Mellia Voen.-med.zhur no 8,94-95 Ag '61

Diagnostic and prognostic significance of the thymol test in epidemic hepatitis. L. I Gol'dberg, R. I Vorob'evskaia. Kaz med.zhur. no 6 17-18 N-D '61

Functional significance of morphological changes in the liver in hepatitis and cirrhosis [with summary in English]. S. S. Vail' Terap arkh no. 9:79-84 '61

Lactic acid in the blood in infectious hepatitis. Sh. A. Sultanov. Med zhur Uzb. no.9:60 S '61

Morphology of the liver from data of intravital puncture during the treatment of Botkin's disease with blood transfusions. F.V.Arsent'ev. Kaz. med.zhur no 6 20-21 N-D '61.

Tryptophan - xanthurenic test in acute and chronic hepatitis [with summary in English] I. M. Raukin Vop pit 21 no. 1 33-38 Ja-F '62.

HEPATITIS, INFECTIOUS—CONGRESSES

Conference on infectious hepatitis at Kiev. I. K. Mashbaev, T. I. Metskan Med. zhur Uzb no 9:79-80 S '61.

HEPTADIENYNE

Selective oxidation of 2-methyl-1,5-hexadien-3-yne and 3-methyl-2,6-heptadien-4-yne by peroxyacetic acid. I.G.Tishchenko, M.G.Gurevich Zhtidkofaz.okisl.neprug.soed. no.1:95-96 '61.

HEPTANE

Dehydrocyclization of n-heptane over rare earth oxides Kh. M. Minachev, M. A. Markov, O. K Shchukina Neftekhimiia 1 no. 5:610-612 S-O '61.

HEPTANOL—SPECTRA

Infrared absorption spectra of n-heptanols. M. V. Shishkina. Neftekhimiia 1 no. 2 255-259 Mr-Ap '61

HERBARIUM see subdivision under Tomsk

HERBICIDES

Coke by-products industry should furnish agriculture with herbicides I.E.Volodko, V V Pilipev, I. V Nesterova. Koks i khim. no 1:41-43 '62

Content of chlor-IFC in carrots and onions grown in soil treated with this herbicide. A. M Shcheva Vop pit 21 no 1:73-74 Ja-F '62.

Effect of the herbicides simazine and V-6650 on soil micro-organisms and soil fauna. K. Steinhauser, I. Naglitsch, I. Schlicht Agrobiologiia no 6:877-881 N-D '61.

GAN-8 "Urozhai" mounted ammoniac and weed killer solution spraying machine S. D Sherudo, M. A. Gokhman. Trakt. i sel'khozmash 32 no. 1 31 Ja '62

Production of monochloroacetic acid. E. V. Sergeev, A. I. Englin, V. N. Egorova. Khim. prom. no. 10:41-45 O '61.

Prospective herbicides. N. N. Melnikov and others. Khim. prom. no. 10:39-40 O '61.

HEREDITY

So-called chemical sources of heredity. K. IU. Kostinkova. Nauch. dokl. vys. shkoly;filos. nauki 5 no 1:149-153 '62.

HERMAPHRODITISM

Hermaphroditism of the flower of angiosperms. V. G. Aleksandrov, A. V. Dobrotvorskaia. Trudy Bot. inst Ser. 7 no. 5:5-30 '62.

HERNIA
(see also subdivision under Andizhan Province)

Case of constriction of the appendix, the loop of the small intestine and the omentum in femoral hernia. O. Charyev, K. S. Atanlazova. Zdrav. Turk. 5 no.6: 25-26 N-D '61.

Case of rectal rupture with prolapse of the loops of the small intestine. IU. F. Shutko. Nov. khir. arkh. no 1 118-120 Ja-F '60.

Constricted abdominal hernia in the presence of an abscess of the ileocecal region of appendicular origin. O. A. Mavyev. Zdrav. Turk. 5 no. 6:26 N-D '61.

HERNIA (Continued)
Herniotomy by A. V. Martynov's method in a rural district hospital V. F. Kurasov Sov med 25 no 12:113-111 D '61.
Intestinal obstruction in a child caused by evagination through a fecal fistula Kh I Fel'dman Nov.khir arkh no. 3 91 My-Je '60
Late pains following herniotomy and characteristics of the topography of the ilioinguinal nerve V. V. Pavlov Zdrav. Kazakh. 21 no 5 24-27 '61
Left strangulated inguinoscrotal hernia with gangrenous appendicitis. I. K. Zhukovskii Zdrav. Bel. 7 no 12: 61 D '61.

HEROES
(see also subdivision under Kalinin Province)
Heirs of military glory. Voen vest 11 no. 10-21 O '61
"People of immortal deeds." Voen vest. 11 no. 10 123-134 O '61.

HEROES IN LITERATURE
"Heroes of our times." Reviewed by V. Chalmaev Znamia 31 no. 12:204-214 D '61.

HERPES
Titration of herpes virus by the method of counting negative colonies without the use of agar. N V Kaverin. Vop virus. 6 no 6 710-742 N-D '61

HERRING see subdivision under Baltic Sea; North Sea; Norwegian Sea; Onega Bay; Sakhalin

HERRING, CANNED
Production of new types of canned herring. V. I. Pechatina, A. P. Leonova. Trudy BaltNIRO no 7:193-194 '61

HERTZEN, ALEKSANDR IVANOVICH, 1812-1870
Goals of science in the service of life. A. I. Hertzen on the study of nature. A. I. Shvartsman. Priroda 51 no. 2: 59-65 F '62.
Great friend of the Ukrainians, on the 150th anniversary of A. I. Hertzen's birth. F. O. IAstrebov Ukr ist zhur. 6 no. 2:140-141 Mr-Ap '62.
Great philosopher, humanist, and revolutionary democrat. I. Rinkov. Komm. Bel. 36 no 3:60-65 Mr '62

HETEROCYCLIC COMPOUNDS
"Achievements of science; chemical sciences Vol 7. Chemistry and technology of macromolecular compounds, heterocyclic compounds." Reviewed by A. D Petrov. Vest. AN SSSR 32 no. 2 118-120 F '62.

HETEROSTRACI see subdivision under Podolia

HEUSINGER, ADOLF, 1807-
Heusinger will not be able to justify himself! Egbert von Frankenberg. Nov vrem. 20 no 12 13 Mr '62.

HEXADIENYNE
Selective oxidation of 2-methyl-1,5-hexadien-3-yne and 3-methyl-2,6-heptadien-4-yne by peroxyacetic acid. I G. Tishchenko, M. G Gurevich. Zhidkofaz. okis. nepr. org. soed. no. 1:85-96 '61.

HEXANAMIDE
Recrystallization of polycaproamide subjected to mechanical treatment. V. A. Kargin and others Dokl. AN SSSR 142 no. 5:1084-1085 F '62

HEXANE
Equation of state of liquid normal hexane A. M. Mamedov. Izv. vys. ucheb. zav.; neft' i gaz 4 no. 5.103-109 '61.
γ-Radiolysis of hexane in the presence of small amounts of benzene. L. S. Polak and others. Neftekhimiia 1 no. 5:695-699 S-O '61.
Kinetics of the dehydrogenation of hexanes on alumina-chromium oxide catalysts. Al. A. Petrov Neftekhimiia 1 no. 1:33-38 Ja-F '61.
Synthesis of vinylcyclohexane and styrene from butadiene. IA. M. Paushkin, A G. IUzvink. Neftekhimiia 1 no. 1: 60-64 Ja-F '61.

HEXANEDIAMINE
Mechanism of secondary and tertiary amine formation in the process of catalytic hydrogenation of adiponitrile to hexamethylenediamine L. Kh. Freidlin, T. A. Sladkova. Izv. AN SSSR, Otd khim. nauk no. 2:336-341 F '62.

HEXENAL
Reaction of 2-ethyl-2-hexenal and acrolein with alkaline hydrogen peroxide. I.G. Tishchenko, B.V. TSirlinskii. Zhidkofaz. okis. nepr. org. soed. no. 1:105-111 '61.

HEXOBARBITAL—THERAPEUTIC USE
Effectiveness of narcopsychotherapy in protracted hypochondric states [with summary in English]. M.E. Teleshevskaia. Vrach. delo no. 1:85-88 Ja '62.

HEXONIUM
Dynamics of blood serum protein fractions during the treatment of hypertension with alkaloid preparations of Rauwolfia serpentina and hexonium [with summary in English]. G. V. Kalugina. Terap. arkh. no. 7:46-50 '61.

HEXYNE
Conjugated systems. Part 151. Synthesis properties of vinyl-tert-butylacetylene I A. Maretina, A. A Petrov. Zhur ob khim. 32 no 1 127-132 Ja '62.

HIBERNATION, ARTIFICIAL see Artificial hibernation

HIDES AND SKINS
Histological changes of pigskins preserved under high temperature N. Smol'skii, F. Skvortsov. Mias. ind SSSR 32 no 6 50 '61
New system of processing raw hides S. Viskin. Mias. ind SSSR 32 no 6 34 '61.

HIDES AND SKINS—STANDARDS
Inspection of raw hides at the receiving centers. M Bograd, I Ovsii Mias ind SSSR 32 no. 6 25 '61.

HIDES AND SKINS—STORAGE
Establishing the aging factors of pigskins in preserving and storage. A Niewiarowicz, W Pietrzykowski Mias ind SSSR 32 no 6 53-54 '61

HIGH BLOOD PRESSURE see Hypertension

HIGH MOLECULAR WEIGHT COMPOUNDS see Macromolecular compounds

HIGH TEMPERATURE MATERIALS see Materials at high temperature

HIGHER EDUCATION see Education, Higher

HIGHWAY CONSTRUCTION see Road construction

HIGHWAY RESEARCH
Instructions for economic highway research. M. F. Smirnov. Avt. dor. 25 no 1:29-30 Ja '62
Over-all technical and economic highway research in transportation centers. V. Viktorov Avt. dor 25 no 1.26-27 Ja '62

HIGHWAY TRANSPORT WORKERS
(see also subdivision under Bugul'ma; Bukovina; Ossetia; Simferopol, Transcaucasia; White Russia)
A Communist should undertake the most difficult task. N. Padasi'. Avt transp 40 no. 2.6-7 F '62.
He is already working on his quota for 1964. I. Gavrilov. Avt. dor 25 no. 1:13 Ja '62.
An honorable title has been conferred on the collective. G. Korlaushkin Avt dor. 25 no 1:11-12 Ja '62.
Skilled drivers. A Abdullin Avt transp 40 no 3.63 Mr '62
Training highway transport workers in economics. G. Avlakhov Avt transp. 10 no. 3 62 Mr '62.

HILBERT SPACE
Hilbert's boundary value problem with shear. G.S Litvinchuk, E. G. Khasabov Dokl. AN SSSR 142 no 2 274-277 Ja '62.

HINDI DRAMA—HISTORY AND CRITICISM
Potabenko, S. I. [Hindi drama in the struggle for the freedom and independence of India] Dramaturgiia khindi v bor'be za svobodu i nezavisimost' Indii. Moskva, Izd-vo vostochnoi lit-ry, 1962. 88 p.

HINDUS—LEGAL STATUS, LAWS, ETC. see subdivision under South Africa, Republic of

HIP JOINT—DISEASES
Case of bilateral tabetic osteoarthropathy of the coxofemoral joint. F. M. Shiriak. Ortop., travm i protez. no. 1:82-84 '62.

HIP JOINT—DISLOCATION
Treating old dislocations of the hip using the combined methods of Schanz and Bogoraz in B. I. Berliner's modification. A. Abdugafurov. Med. zhur. Uzb no. 11: 30-32 N '61.

HIP JOINT—FRACTURE
Results of conservative and surgical methods in treating hip fractures. S. S. Korolev. Voen.-med. zhur. no. 8: 80-81 Ag '61.

HIP JOINT—WOUNDS AND INJURIES
Gunshot fractures of the hip in irradiated animals treated by metallic osteosynthesis without the use of antibiotics [with summary in English]. L. M. Kotel'nikov, V. S. Turusov. Arkh. pat. no. 2:65-70 '62

HIROSHIMA—BOMBARDMENT, 1945
Ogura, Toyofumi. [With the corpse of my wife; adventures in Hiroshima] Su zmonos lavonu; pergyvenimai Hirosimoje. Vilnius, Valstybine politines i moksliines literatoros leidykla, 1960. 43 p. [In Lithuanian]

HISTAMINE
New data on the reactivity of the body of histamine in plague intoxication. A. G. Kratinov, N. M. Kharkova. Zhur. mikrobiol., epid. i immun. 32 no. 9:135-136 S '61.

HISTORIANS, CATHOLIC see Catholic historians

HISTORICAL LIBRARIES see subdivision under Moscow

HISTORICAL MATERIALISM see Dialectical materialism

HISTORICAL MUSEUMS see subdivision under Grodno District; Kharkov; Moscow; Uzbekistan

HISTORICAL RESEARCH
(see also subdivision under Italy; Poland; Ukraine)
Historical research. Nov. i noveish. ist. no. 1:184-195 '62.
Objectives of the study of Soviet historical experience in the building of socialism in the light of the decisions of the 22d Congress of the CPSU [with summary in English, pp. 215-216] M. P. Kim Vop. ist no 2,3-19 F '62.
The 22d Congress of the CPSU and the tasks of the historians of Soviet society Ist zap no 70:3-10 '61
"The use of electronic calculating machines in historical research" [in Czech] by Jaroslav Purš. Reviewed by N. M. Pashaeva. Vop ist no 2:189-190 F '62

HISTORY
Brief notes. Vop ist. no. 2:206-207 F '62.
Brief notes. Vop. ist. no. 3.205 Mr '62.
M Lomonosov and historical science [in Latvian]. A. Drizulis Izv. AN Latv. SSR no. 1-13-16 '62.

HISTORY—AUDIO-VISUAL AIDS
V I Lenin's voice in classes V. I Pilipenko. Prep ist v shkole 17 no 2 61-62 Mr-Ap '62

HISTORY—BIBLIOGRAPHY see Bibliography—History

HISTORY—CURIOSA AND MISCELLANY
History news. Prep ist. v shkole 17 no. 2:125-128 Mr-Ap '62

HISTORY—DICTIONARIES
[Soviet historical encyclopedia] Sovetskaia istoricheskaia entsiklopediia. Glav. red. E. M. Zhukov. Moskva, Gos. nauchn. izd-vo "Sovetskaia entsiklopediia."
Vol. 1. Aaltonen - aiany. 1961. 1023 columns [MICROFILM]

HISTORY—PHILOSOPHY
Clerical historiography is a tool of imperialism [with summary in English, pp. 221-222]. V I. Rutenberg Vop ist. no. 3 103-113 Mr '62
Historicism of V. G. Belinskii's views [with summary in English, p 219]. A. M. Deborin Vop. ist. no 3:51-71 Mr '62.
How present-day ideas influence historical studies. Z. P. IAkhimovich. Vop ist. no. 3 186-189 Mr '62
"Idea of the West" as an ideological "corroboration" of the world hegemony of the U. S. A. A. E. Kunina Vop ist. no. 3:194-195 Mr '62
Phenomenological nature of the idealistic methodology of history [in Armenian with summary in Russian]. E K Markarian Ist.-filol zhur. no. 3/1:122-132 '61.
Some methods used by the bourgeois falsifiers of history [with summary in English, pp 220-221] E. B. Cherniak Vop ist. no. 2:96-114 F '62.
V. I. Lenin on the role of the masses in history. S. IU. Zak. Pratsi Od. un. 150 Ser susp. nauk no. 3:35-44 '60.

HISTORY—SOURCES
"Present-day reminiscences about the past, memoirs and our time" by V. Kardin Reviewed by F. Samsonov. Voen.-ist. zhur. 4 no 2 111-117 F '62
Some remarks apropos of the proposed course on the sources of history. I. IA. Bisk. Nov. i noveish. ist. no. 1:137-138 '62.

HISTORY—STUDY AND TEACHING
All-Union conference of the heads of social science departments in the institutions of higher learning. B. V. Gnubkin, A. D. Smirnov, S. T. Kaitakhchian Vest. vys shkoly 20 no. 3:7-35 Mr '62.
"How to study the Soviet policy of peace in secondary schools" by M. M. Kovalenko, Sh. T. Kiperman Reviewed by I. M. Skrypkin. Ukr. ist zhur 6 no. 2.136-138 Mr-Ap '62.
In the Academy of Pedagogical Sciences. Prep ist. v shkole 17 no 2 119-120 Mr-Ap '62.
In the Commission on Historical Education. Prep. ist. v shkole 17 no 2 117-119 Mr-Ap '62
Leningrad, Leningradskii gorodskoi institut usovershenstvovaniia uchitelei. [Teaching recent history; collection of articles] Iz opyta prepodavaniia noveishei istorii; sbornik statei. Pod red. V. A. Orlova. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 123 p.
Motion-picture lessons on history. N. Polkovnikova. Nar. obr. no. 2:98-99 F '62.
New methods of teaching history in the grades 5 and 6 of secondary schools N I. Barabash, A V. Ivanchenko. Ukr. ist zhur. 6 no 1.84-90 Ja-F '62.
"Popular forms of extracurricular work on history" by A. F Rodin. Reviewed by I. P. Shepetovskaia. Prep. ist. v shkole 17 no. 2 98-100 Mr-Ap '62.
Seminar of the heads of history study rooms in advanced training institutes for teachers. Prep. ist. v shkole 17 no. 2.120-121 Mr-Ap '62.

HISTORY – STUDY AND TEACHING (Continued)

Teaching of history in schools should be raised to the level of new tasks. M M Lysenko, G.I Pidluts'kyi Rad. shk 40 no 2,29-33 F '62.

Twenty-Second Congress of CPSU and the aims of teaching recent history IA S Drabkin, L P Rakhmanova Prep ist v shkole 17 no 2 51-60 Mr-Ap '62

HISTORY, ANCIENT

Akademiia nauk SSSR. Institut narodov Azii. [The ancient world, collection of articles] Drevnii mir; sbornik statei. Moskva, Izd-vo vostochnoi lit-ry, 1962. 657 p.

HISTORY, MODERN

"Modern history." Vol 3 (1870-1918). Reviewed by A. L. Narochnitskii. Vop ist. no 2;118-154 F '62

The 22d Congress of the CPSU and the study of recent historical events [with summary in English, p. 197] Nov. i noveish. ist. no 1:3-13 '62.

HISTORY, MODERN—BIBLIOGRAPHY see Bibliography—History, Modern

HISTORY, MODERN—SOURCES

Studying the general sources of recent history and the sources of its special subjects T. G. Soltanovskaia Nov. i noveish. ist. no. 1:135-137 '62

HNATIUK, DMYTRO MYKHAILOVYCH, 1925-

Stefanovych, M. P. [Dmytro Mykhailovych Hnatiuk; People's Singer of the U. S. S. R.] Dmytro Mykhailovych Hnatiuk, narodnyi artyst SRSR. Kyiv, Derzh. vyd-vo obrazotvorchoho mystestva i muzychnoi lit-ry URSR, 1961. 21 p.

HOBBIES

In the world of small-scale technology. L. Lidel's. Sem'ia i shkola 17 no. 1:30-31 Ja '62

HOCKEY

Hockey mosaic. Smena 39 no. 1:28-29 Ja '62.

Mikhail Ostintsev plays in the first line G. Granaturov. Starsh. -serzh no 11 39 O[i e. N] '61.

HODEIDA, YEMEN—DESCRIPTION

The sea came to Hodeida. A. Gorbunov. Vokrug sveta no 3:16-19 Mr '61.

HODGKIN'S DISEASE

Case of generalized lymphogranulomatosis effectively treated with novoembichine. I. R. Kuvaeva. Med. zhur Uzb. no. 12:79 D '61

Case of primary lymphosarcoma of the stomach. IA I Pushchevol Nov khir arkh. no. 2;69 '62.

Diagnosis of isolated pulmonary lymphogranulomatosis. M. S Starichkov Vest. rent i rad. 36 no. 6.50-52 N-D '61.

Isolated lesions of the small intestine in lymphogranulomatosis. V. B. Antonovich. Vest. rent i rad 36 no. 4 79-80 Jl-Ag '61.

Lesions of the small intestine in lymphogranulomatosis. L. M. Savinykh. Vest. rent. i rad. 36 no. 4 77-78 Jl-Ag '61.

X-ray diagnosis of lesions of the small intestine in lymphagranulomatosis L. M. Savinykh. Med. zhur. Uzb. no 12 77 D '61.

HODJA, SAID ALI

Said Ali Hodja, a traveller from Central Asia, in India. P. Rasul'-zade. Nauch. rab. i soob. Otd. obshchestv. nauk AN Uz. SSR 2:209-213 '61.

HOISTING MACHINERY

Electric 3LSE three-drum scraper winches with h 14, 28, [illegible] tt capacity. Shakht. stroi. 6 no 2:

[illegible]ik po kotlonad- [illegible] red. M. P. [illegible] 1961. 688 p.

[illegible]ne parts and [illegible] mashin i [illegible] Izd-vo

[illegible]ine parts and [illegible] mashin [illegible]kva, Gos.

[illegible]s with an [illegible]ntrol] Avto- [illegible]yok s [illegible]enchatom [illegible]hno-tekhn.

[illegible]rtical shafts, 6-17 F '62,

[illegible]item in Kopeisk- Ugol' 36

HOISTING MACHINERY—ELECTRIC DRIVING

Concerning certain operational features of two-motor drives of unbalanced mine hoist systems M. S. Novozhilova. Izv. vys. ucheb. zav.; energ. 5 no 1:43-49 Ja '62

HOLIDAYS

"The days of patron saints are the harmful traces of the past" by P. I. Korobko Reviewed by A Fedorienko Volov ateist no 2 62-63 F '62

HOLLAND see Netherlands

HOLUB, EMIL

Emil Holub, an African Czech. L. IAkubovich. Vokrug sveta no 3:54-56 Mr '61.

HOME AND SCHOOL

(see also subdivision under Lipetsk)

Editor's mail Sem'ia i shkola 17 no. 2:38-40 F '62.

From a teacher's diary. V. V. Sogomonian. Doshk. vosp. 35 no 2;73-79 F '62.

Parents lend me their assistance. E. Nekrashevich. Nar. obr. no. 1:45-49 Ja '62

Thoughts about the family. A Levshin. Sem'ia i shkola 17 no. 3 2-5 Mr '62.

To the adults about children. Z. A. Kalinina. Doshk. vosp. 35 no 2;80-82 F '62.

HOME AND SCHOOL—BIBLIOGRAPHY see Bibliography—Home and school

HOME AND SCHOOL—PERIODICALS see subdivision under Poland

HOME ECONOMICS

Fedorova, N. V., comp. [Useful advice] Poleznye sovety. [Leningrad] Lenizdat, 1961 479 p.

Home economics. Rab. i stial. 37 no. 12:24 D '61.

"Lada's" advice in home economics. Rab. i stial. 37 no. 6 20 Je '61.

Methodology for calculating the consumption of food products. N. Kuznetsova Biul nauch inform trud i zar plata 5 no. 1:45-50 '62

Useful advice. Koop. Kazakh. 4 no. 11:61-63 N '61.

Useful advice. Rab. i stial 38 no 3:24 Mr '62

HOME EDUCATION see Correspondence schools and courses; Domestic education

HOOKWORM DISEASE

Case of ancylostomiasis simulating gastroduodenal hemorrhage. A. A. Mikhailiants Med. zhur. Uzb. no. 3 74-75 Mr '60.

HOPS

Antibiotic properties of hops and their application in brewing A. M. Kormushkina Izv. vys. ucheb zav., pishch. tekh. no 6 96-99 '61.

Antibiotic properties of hops [with summary in English]. A. M. Kormushkina. Antibiotiki 7 no. 1:74-76 Ja '62

HORIZONTAL BAR

Technique and training method for executing a triple somersault backward from the horizontal bar. V. D. Maksimov, O. S. Leonov. Teor. i prak. fiz. kul't. 24 no. 8:584-587 '61.

HORMONE THERAPY

Effective hormonotherapy in cancer of the prostate gland with skeletal metastases. L. A. Baran. Nov. khir. arkh. no. 4:104 Jl-Ag '60.

Svechnikova, N. V., V. F. Saenko-Liubarskaia, and L. A. Malinovskaia. [Treatment of pathological climacteric] Lechenie patologicheskogo klimaksa. Kiev, Gos. med. izd-vo USSR, 1961. 88 p. (Biblioteka prakticheskogo vracha) (DNLM)

Treatment of bronchial asthma with hormonal preparations. Sh. I. Gogniashvili, G. V. Gurgenidze, B. Kh. Rachveishvili. Soob. AN Gruz. SSR 27 no. 6:703-706 D '61.

HORMONES

Effect of lydase on the activity of some hormonal preparations in schizophrenia [with summary in French]. A. L. Gamburg. Zhur. nevr. i psikh. 61 no 11:1705-1709 '61.

Preliminary data on the nature of duodenal "hormones" of general action. A. M. Ugolev. Dokl. AN SSSR 142 no. 2:491-492 Ja '62.

HORNBEAM

Efficient utilization of hornbeam wood in the national economy [with summary in English, p. 73]. N. S. Sereda. Visnyk ABIA URSR no. 4:40-45 '61.

HORNBLENDE see subdivision under Dnieper Valley

HORNFELS see subdivision under Kremenchug region

HORSE CHESTNUT see subdivision under Ukraine

HOSE—MAINTENANCE AND REPAIR

Electric vulcanization of hose. N. Petrov. Pozh. delo 8 no. 2,23-24 F '62.

HOSIERY INDUSTRY—EQUIPMENT AND SUPPLIES

Testing of the apparatus determining the tightness of the yarn package. Z. A. Torkunova. Tekst. prom 21 no 6;69-70 Je '61

HOSIERY INDUSTRY—QUALITY CONTROL see subdivision under Kharkov

HOSPITALS

Centralization of city hospitals under conditions prevailing in the southern earthquake districts of the Kazakh S.S.R. M. A. Gura Trudy Kazakh. fil. AS[illegible] no 2 23-34 '60.

HOSPITALS—OUTPATIENT SERVICES

Fortieth anniversary of the establishment of night sanatoria in the U S S R M P. Roitman Sov. zdrav 21 no 1 52-56 '62.

HOSPITALS, MILITARY

(see also subdivision under Moscow)

Communists of a hospital prepare themselves to meet the 22d Congress of the CPSU worthily. D. F. Mospanov Voen.-med. zhur. no 8;16 Ag '61

Leading personalities of our hospital. K. I Bashmakov. Voen.-med zhur. no. 8,12-15 Ag '61.

HOT-AIR HEATING

Apartment heating by means of gas hot-air heaters. M. I. Rabinovich, N. F. Biziukin, L. N Vasil'kovskii Ved i san. tekh. no 2,3-6 F '62

HOURS OF LABOR

Additional leave and shortened workday for workers engaged in harmful work in earthwork operations of the construction of subways, tunnels and other underground structures Biul Gos kom po. vop truda i zar. platy no. 9;21-22 '61.

HOUSE ORGANS

Voice of the factory newspaper. I. Selishchev. Part. zhizn' no. 5:37-38 Mr '62.

HOUSEHOLD APPLIANCES, ELECTRIC

Abramov, P. R., and V. G. Zaitsev. [Metal and electric household goods and appliances] Metallokhozialstvennye i elektrobytovye tovary Izd. 2., perer i dop Moskva, Gos. izd-vo torg. lit-ry, 1961 309 p.

HOUSING

(see also subdivision under France; Uzbekistan)

How to register the workers who apply for assignment of dwellings. Sov. deput. trud. no. 2;100-101 F '62.

"Present-day housing problems", practice in economic and statistical analysis by D. L. Broner Reviewed by V. Novikov Vest stat no 3-73-76 '62

HOUSING—HYGIENIC ASPECTS see subdivision under Minsk

HOUSING—LAW AND LEGISLATION

Answering our readers' questions. Sov. iust. no. 2;24 Ja '62.

Partition of living quarters in the houses which belong to governmental agencies and industrial enterprises. M. Bychkov. Rad. pravo no. 1-115-118 Ja-F '62.

HOUSING FOR PHYSICALLY HANDICAPPED see subdivision under Dalmatovo

HOUSING MANAGEMENT see subdivision under Odessa Province

HREBEN', AVRAM RODIONOVYCH, 1876-

IUsov, A. A. [The folk lyrist Hreben'] Lirnik Greben', Moskva, Sovetskii kompozitor, 1961. 45 p. (Narodnye pevtsy i muzykanty)

HREBINKA, IEVHEN, 1812-1848

Hrebinka in the Nezhin Gymnasium. M. Vizyr, IU. Kolesnychenko. Ukraina no 3 17 F '62.

HULLS (NAVAL ARCHITECTURE)

Barabanov, N. V. [Design of ship hulls] Konstruktsiia korpusa morskikh sudov. Pod red. V. P. Belkina. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1961. 467 p.

Calculating curves for elements of theoretical drawings in the initial stages of design. A. N. Bogusiavskii. Trudy LIVT no. 5,12-18 '60

Calculation of allowances for the dimensions of plates of plane sections. B IU. Fridman. Trudy LKI no. 31: 105-115 '60.

Intersection joint of bottom longitudinals of tankers with transverse bulkheads. A. L. Vasil'ev. Trudy LKI no. 32: 19-34 '60.

Main directions in the revision of rules of the U. S. S. R. Register (Hulls) for the classification and building of seagoing steel ships. A. Maksimadzhi. Mor. flot 22 no. 3-32-33 Mr '62

Study of the relation of the time required to assemble and weld a hull to the number of sections, and a construction variant (for boats) E. I. Nikitin. Trudy LKI no. 31: 31-50 '60.

Treskunov, P. I. [Cutter and press-worker] Rezchik-pressovshchik. 2., perer. i ispr. izd. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1961. 148 p.

HUMAN EMBRYOLOGY see Embryology, Human

HUMERUS—FRACTURE
Deformations in the region of the elbow following supracondyloid and transcondyloid fractures of the humerus in children. A. A. Akhundov Ortop., travm. i protez. no. 12:48-49 '61
Diaphyseal fractures of the humerus and results of treating them [with summary in English] A. A. Astvatsaturian Vest. khir. no. 12:60-64 '61

HUMUS see subdivision under Karelia

HUNGARY—AGRICULTURAL ADMINISTRATION
People of the new Hungary. Mykhailo Odynets' Ukraina no. 3-9-10 F '62

HUNGARY—AGRICULTURAL MACHINERY
Work of the Hungarian Scientific Research Institute in the field of farm mechanization. D. Bankhazi Mekh. i elek. sots. sel'khoz. 20 no. 1:55-57 '62

HUNGARY—ALUMINUM INDUSTRY
The gate to Bakony Mountains. A. Shalnev. Vokrug sveta no. 5:13-16 My '61

HUNGARY—ANTHROPOLOGY
Anthropological study in Hungary and a symposium on ethnic anthropology in Budapest in 1959. V. V. Bunak. Vop. antr. no. 5:137-140 '60.

HUNGARY—CLOTHING INDUSTRY
Research work of the Hungarian clothing industry. P. Nemeth. Izv. vys. ucheb. zav. tekh. leg. prom. no. 1:147-149 '62.

HUNGARY—CRANIOLOGY—PERIODICALS
New Hungarian journal on ethnic anthropology. V. P. Alekseev Vop. antr. no. 8 163-166 '61

HUNGARY—CREDIT
Practice and methods for issuing credit in Hungary. Z. Atlas. Den. i kred. 20 no. 2, 10-56 F '62.

HUNGARY—KINDERGARTEN
Success of work depends on the cohesion of the group. I. Sabady. Doshk. vosp. 35 no. 3:99-103 F '62.

HUNGARY—LIBRARIES, SPECIAL
"Library of the Hungarian Academy of Sciences; 1826-1961." Reviewed by N. I. Tiulina. Bibliotekoved. i bibl. zn. rub. no. 6:171-173 '61.

HUNGARY—MOTION-PICTURE PLAYS
Hungarian motion-picture art today. György Hámos, Ervin Drtiany. Isk. kino no. 1:153-156 Ja '62.

HUNGARY—PETROLEUM—PIPELINES
Oil workers in the people's democracies. Neftianik 7 no. 2,33 F '62.

HUNGARY—RESTAURANTS, LUNCHROOMS, ETC.—EQUIPMENT AND SUPPLIES
Modern equipment in Hungarian restaurants and lunchrooms. Obshchestv. pit. no. 11 56-57 N '61

HUNGARY—REVOLUTION, 1918-1919
How Transcarpathian workers struggled for the Hungarian Soviet Republic in 1919. B. I. Spivak. Ukr. ist. zhur. 6 no. 2:107-110 Mr-Ap '62.

HUNGARY—SOCIAL CONFLICT
Present-day class struggle in Hungary [with summary in English], p. 197]. D. Nemes. Nov. i noveish. ist. no. 1:14-26 '62.

HUNGARY—TECHNOLOGICAL INNOVATIONS
People of the new Hungary. Mykhailo Odynets'. Ukraina no. 3 9-10 F '62.

HUNGARY—WORLD WAR, 1939-1945—ATROCITIES
"Unpunished war criminals", collected documents [in German]. Reviewed by M. Krymskii. Mezhdunar. zhizn' 9 no. 4 137-139 Ap '62.

HUNGER
Role of the frontal segments of the cerebral cortex in the formation of feeding behavior. K. V. Sudakov. Fiziol. zhur. 48 no. 2:166-169 F '62.

HUNTING
Vasarmeiskoe voenno-okhotnich'e obshchestvo. [Favorite places for hunting; description of hunting grounds] Liubimye mesta okhoty; opisaniia okhotnich'ikh ugodii. Otvet. red. F. K. Prudnikov. Moskva, Voen. izd-vo M-va oborony SSSR, 1961. 387 p.

HUSBAND AND WIFE
My family. Maiyia Mihai. Rab. i sial. 37 no. 12:5 D '61.

HUSSITES
Rubtsov, B. T. [Heroic deeds of the Taborites] Podvigi taboritov. Moskva, Izd-vo Akad. nauk SSSR, 1961. 130 p. (Nauchno-populiarnaia serila)

HYALURONIDASE
Dynamics of hyaluronidase distribution in a tumor-affected organism under the action of antitumor serum. L. S. Birukova. Vrach. delo no. 1:153-154 Ja '62.
Structural changes in the infra-alveolar nerve under the action of novocaine with hyaluronidase L. I. Urbanovich, I. I. Bobrik. Probl. stom. 5:376-382 '60

HYALURONIDASE—PHYSIOLOGICAL EFFECT
Effect of lydase on the activity of some hormonal preparations in schizophrenia [with summary in French] A. L. Gamburg Zhur. nevr. i psikh. 61 no. 11 1705-1709 '61.

HYBRIDIZATION, VEGETABLE
Berliand, S. S. [Plant hybridization] Gibridizatsiia rastenii. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1957. 317 p.
(DA)
Biological foundations of the characteristics of tillering gramineous plants in relation to remote hybridization V. V. Skripchinskii. Biul. Glav. bot. sada no. 43:34-47 '61.
Nucleic acids and remote hybridization of yeast. G. P. Serenkov, S. V. Kust. Dokl. AN SSSR 142 no. 5: 1197-1200 F '62.

HYDATIDS
Comments on A. B. Kheifits' letter on "Radical operations in echinococcosis." E. I. Zakharov, N. G. Nazarevskii Nov. khir. arkh. no. 4:119-121 Jl-Ag '60.
Radical operations in echinococcosis. A. B. Kheifits. Nov. khir. arkh. no. 4:117-119 Jl-Ag '60.

HYDRATION
Tertiary triatomic alcohols of the acetylenic and ethylenic series and their chemical conversations. Part 26 Hydration of 5-methyl-2-(oxycyclopentyl)-3-hexyne-2,5-diol and 2,4-di(1-oxycyclopentyl)-3-butyne-2-ol V. I. Nikitin, A. B. Zegel'man Zhur. ob. khim. 32 no. 1:40-46 Ja '62

HYDRAULIC CONTROL
Duel', M. A., G. A. Rabinovich, and Iu. A. Shilozberg. [Automatic hydraulic regulators of thermal processes] Gidravlicheskie avtomaticheskie regulatory teplovykh protsessov. Moskva, Gos. energ. izd-vo, 1961. 199 p. [MICROFILM]

HYDRAULIC CONVEYING
Automation of the hydraulic transportation. B. I. Zasadych. Ugol' 37 no. 1:24-27 Ja '62.
Determining the intensity of water hammer in the pulp line during hydraulic transportation of sand. A. G. Dzhvarsheishvili. Soob. AN Gruz. SSR 27 no. 6:731-737 D '61.
Hydraulic conveying of a mixture of sand and gravel. I. G. Khaskol'berg. Sbor. trud. NIIZHelezobetona no. 3: 118-123 '60.
Study of the basic parameters of hydraulic conveying of chalk under winter conditions A. D. Gusarov, Iu. M. Petrov. Sbor. trud. NIIZHelezobetona no. 3:124-133 '60.

HYDRAULIC ENGINEERING
(see also subdivision under Mediterranean Sea)
Defining more precisely the norms and technical conditions for the calculation of maximum discharges in the design of hydraulic structures on rivers S. N. Kritskii, M. F. Menkel'. Trudy Gidroproekta no. 4:9-23 '60.
Hydraulic flushing of the head sections of irrigation systems and settling tanks. G. A. Ter-Abramiants. Trudy VNIIGIM 28:123-170 '58.
In the Presidium of the Central Administration of the Scientific Technological Society of the Power Industry. Gidr. stroi. 32 no. 12:60-61 D '61.
Transverse circulation as a method of increasing the suspending capacity of the stream in open channels. Kh. Sh. Shapiro. Trudy VNIIGIM 28:171-220 '58.

HYDRAULIC ENGINEERING—BIBLIOGRAPHY see Bibliography—Hydraulic engineering

HYDRAULIC ENGINEERING—EQUIPMENT AND SUPPLIES
Use of polymers in hydraulic engineering machinery. N. A. Vasil'ev. Gidr. stroi. 32 no. 12:29-32 D '61.

HYDRAULIC ENGINEERING—RESEARCH
Accuracy of laboratory wave investigation. V. K. Shtenteel', I. A. Stepanov. Trudy LIVT no. 8:58-62 '60.
[illegible]
Design of Hydraulic Structures] Nauchno-issledovatel'skie raboty Gidroproekta. Pod obshchei red. V. I. Sevast'ianova. Moskva, Gos. energ. izd-vo, 1961. 214 p.

HYDRAULIC JACKS
Manual hydraulic jack. I. I. Andreev. Mashinostroenie no. 1:108-109 Ja-F '62.
New jack. Put' i put. khoz. 6 no. 2:19 '62.

HYDRAULIC JACKS—TECHNOLOGICAL INNOVATIONS
Matveenko's hydraulic jacks in operation. Put' i put. khoz. 6 no. 2:32 '62.

HYDRAULIC JUMP
Calculating the parameters of high turbulence occurring during hydraulic jumps V. M. Makkaveev Trudy LIVT no. 7:41-48 '60.

HYDRAULIC MACHINERY
Kopyrin, M. A. [Hydraulics and hydraulic machinery] Gidravlika i gidravlicheskie mashiny. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 301 p.

HYDRAULIC MINING
(see also subdivision under Kizel Basin)
Coordination conference on the planning of hydraulic mines. M. M. Faizlev, V. L. Radionovskii Ugol' Ukr. 6 no. 2:47 F '62
Economic efficiency of hydraulic underground mining. P. Z. Zviagin, L. L. Maizel' Ugol' 37 no. 1,38-43 Ja '62.
Features of dredging deep-seated place deposits. I. I. Afanas'ev Gor. zhur. no. 11 39-42 N '61
High pressure 10N8x4A type pump for operations in the closed wash water circuit in hydraulic mining. N. D. Ofengenden, V. A. Dolgopolov. Ugol' 37 no. 1:27-28 Ja '62.
[illegible]
materials] Gidromekhanizatsiia zemlianykh i otkrytykh rabot; materialy. Moskva, Gos. energ. izd-vo, 1961. 222 p.
Ways of improving hydraulic rock fracturing G. A. Nurok, V. A. Antonov. Gor. zhur. no. 11 28-31 N '61.

HYDRAULIC MINING—CONGRESSES
Conference of hydromechanization. K. A. Chernoskutov. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 1:192 Ja-F '62.
Scientific and technical conference on problems in hydraulic mining. Ugol' 37 no. 1:64 Ja '62

HYDRAULIC MODELS
Applying the method of hydrodynamic analogies to the theory of the press working of metals. A. A. Pozdeev, V. I. Tarnovskii. Izv. vys. ucheb. zav. ;chern. met. 5 no. 1:99-109 '62.
Gas-hydraulic analogy of plane and axisymmetrical flows. D. A. Munshtukov Izv. vys. ucheb. zav. ;av. tekh. 4 no. 4:39-44 '61.
Molchanov, E. I. [Using the hydraulic analogy method for studying temperature fields in gas turbine units; Conference on Heat and Mass Transfer, Minsk, January 23-27, 1961] Primenenie metoda gidravlicheskoi analogii dlia issledovaniia temperaturnykh polei v elementakh gazovykh turbin; soveshchanie po teplo-i massoobmenu, g. Minsk, 23-27 ianvaria 1961 g. [Minsk, 1961] 17 p. [MICROFILM]

HYDRAULIC PRESSES
Contact electric resistance in high vertical pressure. L. F. Vereshchagin, E. V. Zubova, V. A. Shapochkin Zhur. tekh. fiz. 32 no. 2 230-232 F '62.
Contact strength of hard alloys of brand VK L. F. Vereshchagin, V. A. Shapochkin, L. B. Pirogova Zhur. tekh. fiz. 32 no. 2 233-237 F '62

HYDRAULIC PRESSES—MAINTENANCE AND REPAIR
Repair by cold welding of a cast-iron cylinder on a 1000-ton hydraulic press. S. G. Shchebrov. Svar. proizv. no. 2:35-36 F '62.

HYDRAULIC STRUCTURES
Automation of a dam-type water intake unit with a multichambered settling tank and bottom flushing galleries. S. B. Skvortsov. Trudy VNIIGIM 28:51-59 '58
Complete mechanization of the construction of tray canals. I. Samoilov, V. Zabelin, A. Gol'din Tekh. v sel'khoz. 22 no. 1:29-33 Ja '62.
Gurevich, V. B. [Building hydraulic structures of precast reinforced concrete; calculations, analysis and execution of the operations] Stroitel'stvo gidrotekhnicheskikh sooruzhenii iz sbornogo zhelezobetona; raschety, issledovaniia i proizvodstvo rabot. Moskva, Izd-vo "Rechnoi transport," 1961. 296 p.
Hydraulic conditions in areas of flow hindering structures. V. V. Balanin, V. M. Seleznev. Trudy LIVT no. 7:5-16 '60.
Khmerik, Iu. A. [Design of hydraulic structures] Proektirovanie i rashchet gidrotekhnicheskikh sooruzhenii. [Kiev] Izd-vo Kievskogo univ., 1961. 362 p.
Multichambered settling tanks with hydraulic sediment control in a damless water intake. A. G. Khachatrian. Trudy VNIIGIM 28:102-122 '58.
[Operation of hydraulic structures] Ekspluatatsiia gidrotekhnicheskikh sooruzhenii. Izd. 2. [By] V. S. Zhdanov i dr. Moskva, Izd-vo "Rechnoi transport," 1961. 289 p.
Results of model studies of a sediment-regulating water intake unit with a multichambered settling tank. N. A. Voznesenskii. Trudy VNIIGIM 28:19-50 '58

HYDRAULIC STRUCTURES (Continued)

Sediment-regulating water intakes with multichambered settling tanks V. A. Shaumian Trudy VNIIGiM 28 3-18 '56.

Stream division in chambers of the settling tank with transverse bottom flushing galleries N. A. Voznesenskii Trudy VNIIGiM 28 80-101 '56

HYDRAULIC TURBINES

Characteristics of the regulator for a hydraulic turbine of the RO-40 type N. K. Barkov Energomashinostroenie 8 no. 2 39-42 F '62

Experimental study of the flow in the circulation circle of a hydraulic torque converter with a centrifugal Francis-type turbine L. P. Grianko Izv. vys. ucheb. zav., energ. 5 no. 1 111-118 Ja '62

Scientific problems of hydraulic turbine engineering N. N. Kovalev. Vest. AN SSSR 32 no. 2 38-43 F '62

Shchapov, N. M. [Turbine equipment of hydroelectric power plants] Turbinnoe oborudovanie gidrostantsii. Izd. 3., dop. Moskva, Gos. energ. izd-vo, 1961. 318 p.

HYDRAULIC TURBINES—BLADES

Design of the working blades of axial hydraulic turbines G. A. Svinarev Energomashinostroenie 8 no. 3 13-17 Mr '62

HYDRAULIC TURBINES—DESIGN AND CONSTRUCTION

Kovalev, N. N. [Hydraulic turbines; design and construction] Gidroturbiny, konstruktsii i voprosy proektirovaniia. Moskva, Mashgiz, 1961. 614 p.

HYDRAULICS

Al'fer'ev, M. IA. [Hydromechanics] Gidromekhanika. Izd. 2., perer. i dop. Moskva, Izd-vo "Rechnoi transport," 1961. 326 p.

Approximation method of determining the time required to drain a reservoir when the gates are open to a known extent. B. O. Egiazarian Izv. vys. ucheb. zav., stroi. i arkhit. 4 no. 6:79-83 '61

Dynamic action of the stream on the shields of M. V. Potapov's stream-guiding system. Trudy VNIIGiM 28 221-269 '56.

Experimental study of the coefficients of discharge and resistance of the scupper holes during lateral discharge S. S. Zolotov Trudy LKI no. 31 15-19 '60

Fluid flow in the area of confluence of two streams G. I. Trofimov Trudy LIVT no. 7:49-56 '60

Hydraulic calculations for complex systems of water-pipes using isopiestic measurements N. U. Koida. Izv. vys. ucheb. zav., stroi. i arkhit. 4 no. 6:97-103 '61

Kopyrin, M. A. [Hydraulics and hydraulic machinery] Gidravlika i gidravlicheskie mashiny. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 301 p.

Podvidz, L. G., ed. [Laboratory course in hydraulics and pumping machinery] Laboratornyi kurs gidravliki i nasosov. [By] O. V. Baibakov i dr. Moskva, Gos. energ. izd-vo, 1961. 248 p.

Rabinovich, E. Z. [Hydraulics] Gidravlika. Izd. 3., ispr. i perer. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 408 p.

Theory of shield opening design. G. I. Melkonian, IU. Chmel'. Trudy LIVT no. 8:16-22 '60

HYDRAZINE

Free radicals of the hydrazine series Part 6. Synthesis and properties of α-phenyl-α-fluorenyl-β-picrylhydrazyl R. O. Matevosian, A. K. Churkov. Zhur. ob. khim. 32 no. 1 245-250 Ja '62.

Free radicals of the hydrazine series. Part 7. Synthesis of α-(4-methoxyphenyl)-α-phenyl-β-picrylhydrazyl, α-(4-methoxybiphenyl)-α-phenyl-β-picrylhydrazyl, and study of their chemical and physical properties R. O. Matevosian, A. K. Chirkov. Zhur. ob. khim. 32 no. 1 251-256 Ja '62.

Investigations in the field of α,α-diphenyl-β-picrylhydrazine A. E. Arbuzov, F. G. Valitova. Izv. AN SSSR. Otd. khim. nauk no. 2:354 F '62.

Mechanism of the hydrazine effect on the process of ferric oxide scale formation. N. N. Mankina, B. N. Sobolev. Teploenergetika 9 no. 3:48-50 Mr '62

Structure and reactivity of hydrazine derivatives. Part 2: Kinetics of the reaction between aliphatic acid hydrazides and benzoyl chloride in benzene solution. A. P. Grekov, M. S. Marakhova. Zhur. ob. khim. 32 no. 2, 542-549 F '62.

Synthesis of phenizine. T. P. Sycheva, IA. G. Nekhlin, M. R. Shchukina. Med. prom. 15 no. 12:14-17 D '61.

HYDROBIOLOGICAL RESEARCH

Eesti NSV Teaduste Akadeemia. Zootoogia ja Botaanika Instituut. [Hydrobiological research] Hudrobioloogilised uurimused. Tartu. [In Estonian with summaries in Russian and German]
Vol. 2. 1961. 411 p.

HYDROBROMIC ACID

High-speed photochemical hydrobromination of ethylene and propylene at low temperatures. G. N. Kovalev and others. Dokl. AN SSSR 142 no. 2:396-398 Ja '62.

δ-Lactones and δ-lactams. Part 28: Dehydrobromination of dibromides of isomeric benzotetrahydrocoumarins. N. P. Shusherina, N. D. Dmitrieva, R. IA. Levina. Zhur. ob. khim. 32 no. 1:213-216 Ja '62.

HYDROCARBONS
(see also subdivision under Khibiny Mountains)

Aromatic hydrocarbons. Part 21. Polynuclear hydrocarbons including 9-phenylfluorene and p-terphenyl systems V. B. Skvarchenko, D. TS. TSybikova, R. IA. Levina. Zhur. ob. khim. 32 no. 1 108-111 Ja '62.

Catalytic reforming of naphthenic hydrocarbons of gasoline fractions into aromatic hydrocarbons on a catalyst with 0.1-0.3% of nickel IA. M. Paushkin, T. P. Vishniakova, V. G. Chernukhina. Izv. vys. ucheb. zav., neft' i gaz 4 no. 5 69-73 '61.

Conversions of cyclopentane, dekalin and tetralin into aromatic hydrocarbons in the presence of alumino silicates. A. V. Topchiev and others. Neftekhimiia 1 no. 2 204-212 Mr-Ap '61

Deuterium exchange between aromatic hydrocarbons and liquid deuterium chloride A. I. Kitova, IA. M. Varshavskii. Dokl. AN SSSR 142 no. 5 1112-1115 F '62

High degree of conversion in the oxidation of liquid hydrocarbons L. K. Obukhova and others. Neftekhimiia 1 no. 5:669-674 S-O '61.

Isomerization of hydrocarbons of petroleum paraffin wax. L. G. Zherdeva and others. Neftekhimiia 1 no. 5: 639-647 S-O '61.

"Mechanism of hydrocarbon oxidation in the gas phase" by V. IA. Shtern. Reviewed by V. V. Voevodskii. Neftekhimiia 1 no. 1 124-125 Ja-F '61

Perchloric acid and its compounds as catalysts in organic synthesis. Part 3. Acetylation of certain aromatic hydrocarbons and others of monohydric and polyhydric phenols G. N. Dorofeenko, L. V. Polishchuk. Zhur. ob. khim. 32 no. 2:364-367 F '62

Production of hemichloronitroso hydrocarbons. A. E. Kiztov, E. A. Abrazhanova, S. I. Zlotchenko. Zhur. ob. khim. 31 no. 12 4043-4044 D '61.

Selecting conditions for the separation of complex mixtures of hydrocarbons by gas chromatography M. S. Vigdergauz, K. A. Gol'bert. Neftekhimiia 1 no. 5:706-715 S-O '61.

Use of gas-liquid partition chromatography for calculating the coefficients of relative volatility in multicomponent systems. S. K. Ogorodnikov, V. B. Kogan. Zhur. prikl. khim. 35 no. 2:461-464 F '62.

HYDROCARBONS—ANALYSIS

Modified cryoscopic method for determining the purity of hydrocarbons. N. I. Lashkevich Neftekhimiia 1 no. 2 286-291 Mr-Ap '61.

New data on the dispersimetric analysis of aromatic hydrocarbons. B. V. Ioffe, O. E. Batalin Neftekhimiia 1 no. 2 156-162 Mr-Ap '61.

Synthesis and properties of indan hydrocarbons. A. V. Topchiev, N. F. TSytovich, E. S. Pokrovskaia Neftekhimiia 1 no. 1 15-22 Ja-F '61.

HYDROCARBONS—SPECTRA

Synthesis and investigation of the ultraviolet absorption spectra of hydrocarbons of the 1,1-diphenylethane series. E. M. Terent'eva and others Neftekhimiia 1 no. 2 141-148 Mr-Ap '61

HYDROCARBONS—THERMAL PROPERTIES

Heat conductivity of gaseous saturated hydrocarbons at atmospheric pressure at different temperatures. I. F. Golubev, IA. M. Nazlev Izv. AN Azerb. SSR. Ser. fiz.-mat. i tekh. nauk no. 5:97-104 '61.

HYDROCEPHALUS

Edema and swelling of the cerebral substance under conditions of occlusive hydrocephalus [with summary in French] IU. N. Kvitnitskii-Ryzhov. Zhur. nevr. i psikh. 61 no. 6:848-854 '61.

HYDROCHLORIC ACID

Principal effects of the reaction of hydrochloric acid with carbonate rock. D. N. Kuz'michev. Trudy GrozNII no. 10:194-200 '61.

HYDROCHLORIC ACID—THERAPEUTIC USE

Use of hydrochloric acid solution in the treatment of infected wounds with delayed healing. V. I. Burkov. Nov. khir. arkh. no. 4:111-112 Jl-Ag '60.

HYDROCYANIC ACID

New method to determine prussic acid in plants. A. Mardashko. Nauka i zhyttia 11 no. 12:37 D '61.

HYDRODYNAMICS

Analysis of energy losses in streams with a ridged bottom. N. S. Znamenskaia. Trudy GGI no. 88:125-138 '61.

Barlybaev, Kh. A., and others. [Some aspects of convective heat transfer in an incompressible fluid (internal problem); Conference on Heat and Mass Transfer, Minsk, January 23-27, 1961] Nekotorye voprosy konvektivnogo teploobmena v neszhimaemoi zhidkosti (vnutrennialia zadacha); soveshchanie po teplo-i massoobmenu, g. Minsk, 23-27 ianvaria 1961 g. [Minsk, 1961] 17 p.

[MICROFILM]

Comments on N. A. Fuks' methods of deducting the law governing the vertical distribution of particles suspended in a turbulent flow. O. M. Todes. Zhur. tekh. fiz. 32 no. 2:258-259 F '62.

Differential equations of turbulent motion of fluids. F. P. Kovalenko Dokl. AN BSSR 6 no. 2:121-124 F '62.

Effect of a change in the permeability of a layer and interlayer on fluid flow [in Azerbaijani with summary in Russian] K. I. Kuliev. Azerb. neft. khoz. 40 no. 8 26-29 Ag '61

Effect of a magnetic field on surface waves in a conducting fluid V. G. Levich, IU. IA. Gurevich Dokl. AN SSSR 143 no. 1 64-67 Mr '62

Effect of the degree of restriction of a flow in a channel on the distribution of speeds in it V. N. Martenssen Izv. vys. ucheb. zav. gazovaia neft. i arkhit. 4 no. 6:81-86 '61

Equations of relativistic radiation hydrodynamics. V. A. Fok. Dokl. AN SSSR 140 no. 5 1033-1036 O '61.

General theory of steady motions in relativistic hydrodynamics I. S. Shikin Dokl. AN SSSR 142 no. 2 296-298 Ja '62

Gurevich, M. I. [Theory of flows of an ideal liquid] Teoriia strui ideal'noi zhidkosti. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 496 p.

Hydrodynamic characteristics of a centrifugal extractor. A. I. Solodov, D. E. Shkoropad. Khim. mash. no. 6:17-21 N-D '61.

Ladyzhenskaia, O. A. [Mathematical aspects of the dynamics of a viscous incompressible fluid] Matematicheskie voprosy dinamiki vlazkoi neszhimaemoi zhidkosti. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 203 p. (Sovremennye problemy matematiki)

Resistances in the lower boundary of a self-stimulating area during work with air models. N. P. Gilarov, O. F. Morozova Trudy LIVT no. 7:17-32 '60.

Reversible optical and hydrodynamic phenomena in a nonideal exciton gas. B. A. Moskalenko. Fiz. tver. tela 4 no. 1:276-284 Ja '62.

Vertical distribution of particles suspended in a turbulent flow N. A. Fuks Zhur. tekh. fiz. 32 no. 2 255-257 F '62

Vibration of a viscous liquid in a cylindrical horizontally moving cavity. I. S. Chitkina. [Trudy] MVTU no. 104: 137-142 '61

Vulis, L. A. [Overlapping of molecular and molar effects in the transition region of a flow; Conference on Heat and Mass Transfer, Minsk, June 5-10, 1961] O vzaimonalozhenii molekuliarnykh i molliarnykh effektov v perekhodnoi oblasti techeniia; soveshchanie po teplo-i massoobmenu, g. Minsk, 5-10 iiunia 1961 g. [Minsk, 1961] 16 p.

[MICROFILM]

HYDROELECTRIC POWER see subdivision under Koras, North

HYDROELECTRIC POWER STATIONS
(see also subdivision under Albania; Armenia; Ukraine; see also Bratsk Hydroelectric Power Station; Inguri Hydroelectric Power Station, Nurek Hydroelectric Power Station)

Bernshtein, L. B. [Tidal electric power plants in modern power engineering] Prilivnye elektrostantsii v sovremennoi energetike. Moskva, Gos. energ. izd-vo, 1961. 270 p. (Materialy po proektirovaniiu gidroenergeticheskikh uzlov. Seriia 4. Gidroelektrostantsii. Konstruktsii i materialy)

Concerning the determination of the economic efficiency of hydroelectric power stations. M. M. Belonnov. Elektrichestvo no. 2:86-88 F '62.

Determination of the effect of a hydroelectric power station on fuel consumption in a system. M. G. Gurman, T. L. Zolotarev. Gidr. strol. 32 no. 12:47 D '61.

From the material of the Seventh Congress on Large Dams; hydroelectric developments designed by French engineers. Gidr. strol. 32 no. 12:48-54 D '61.

Method of calculating the strength of a block of the engine building of a hydroelectric power station as a spatial framed system. A. I. Popov. Gidr. strol. 32 no. 12:33-37 D '61.

Shchapov, N. M. [Turbine equipment of hydroelectric power plants] Turbinnoe oborudovanie gidrostantsii. Izd. 3., dop. Moskva, Gos. energ. izd-vo, 1961. 318 p.

Thermodynamic analysis of the thermal system of a magnetohydrodynamic generator. D. P. Gokhshtein. Teploenergetika 9 no. 3:51-56 Mr '62.

HYDROGEN

Calculation of the cross section for free-free electron transitions in the field of a neutral hydrogen atom. V. D. Romanov. Opt. i spektr. 12 no. 1:111-113 Ja '62.

Composition of esters obtained in the synthesis from CO and H_2 on an iron-copper catalyst. M. F. Ulanova and others. Neftekhimiia 1 no. 5:653-660 S-O '61.

Exchange effect in the excitation of 2_s and 2_p levels of hydrogen atoms by electrons. R. K. Peterkop. Opt. i spektr. 12 no. 1:145-147 Ja '62.

Experimental study of μ^--mesic atom processes in gaseous hydrogen [with summary in English]. V. P. Dzhelepov and others. Zhur. eksp. i teor. fiz. 42 no. 2: 439-449 F '62.

Long experience in operating the BR-1 and BR-5 process hydrogen units. I. P. Ustiukin. Khim. mash. no. 6:11-17 N-D '61.

HYDROGEN BOMB

Rougeron, Camille. [Utilization of energy from a thermonuclear explosion Translated from the French] Ispol'zovanie energii termojadernogo vzryva Pod red S I Azar'eva. Moskva, Izd-vo inostr lit-ry, 1957. 295 p. (OCU)

HYDROGEN BONDING

Hydrogen bond between molecules of acetylenic aldehydes and ketones A. A. Petrov, V. B. Lebedev, I. G. Savich Zhur ob khim 32 no 2 658-659 F '62

HYDROGEN-ION CONCENTRATION

Oxidation-reduction potential and the pH of sediments in the northeastern part of the Pacific Ocean [with summary in English] E A Romankevich, N V Petrov Trudy Inst okean 45 72-85 '61

Stable amplifier for measuring the pH value of solutions with a glass electrode. A. D Semenov, I V. Dusler Gidrokhim. mat. 34:157-163 '61.

Structure-forming capacity of polymers in dependence on the pH of the medium. G L Maslenkova Plast. massy no. 2:45-46 '62.

HYDROGEN NUCLEUS *see* Protons

HYDROGEN PEROXIDE

Determining the catalase activity of hemolyzed blood in 1-second and 15-second periods of reaction with hydrogen peroxide S. I. Krainev Lab delo 8 no 2 13-16 F '62.

Oxidation of methyl vinyl ketone and methyl isopropenyl ketone by alkaline hydrogen peroxide. I G. Tishchenko. Zhidkofaz. okis nepr. org soed. no. 1 73-83 '61.

Photographic chemiluminescence method for the determination of microquantities of copper and hydrogen peroxide [with summary in English]. A K. Babko, N. M. Lukovskaia. Zhur. anal. khim 17 no 1:50-52 Ja-F '62.

Reaction of 2-ethyl-2-hexenal and acrolein with alkaline hydrogen peroxide. I. G Tishchenko, B. V Tsirlinskii. Zhidkofaz. okis nepr org. soed no. 1 105-111 '61.

HYDROGEN SULFIDE

Absorption of CO_2 and H_2S by water solutions of monoethanolamine N I. Gel'perin, V Z Grishko Gaz. prom 6 no. 12 46-51 '61.

Planning equipment for the biochemical extraction of hydrogen sulphide. V. D Pleshakov. Trudy NPI 114: 13-18 '61.

Using hydrosulfuric waters in the water supply. S. N. Linevich. Trudy NPI 114:7-11 '61.

HYDROGENATION

Effect of the hydrogenation conditions on physical properties of the hydrogenated fat from cottonseed oil G. I. Kolesnikov, G D. Minakova Izv. vys. ucheb. zav.; pishch tekh. no 6 44-48 '61

Hydrogenation of aldehydes obtained by oxo synthesis over a nickel-chromium catalyst. M. I Stitch, I. P Sidorov, L. L. Martynova. Khim. i tekh. topl. i masel 7 no. 3:18-19 Mr '62.

Investigation of hydrogenation reactions of piperylene stereoisomers on a skeletal nickel catalyst L Kh. Freidlin, E. F. Litvin, I. F. Zhukova Neftekhimiia 1 no 2 213-217 Mr-Ap '61.

Polarographic investigation of the hydrogenation process. Part 7: Hydrogenation of mixtures of cis-trans isomeric acids. A. L. Markman, E. V. Zinkova. Zhur. ob. khim. 32 no. 2:353-358 F '62.

Potentiometric study of catalytic hydrogenation in dielectric media. A. B Fasman and others. Dokl. AN SSSR 142 no. 4 874-877 F '62.

Processing of phenolic resin obtained in the production of phenol via cumene. A. B. Vol'-Epshtein, M. N. Zharova, V. V. Surovtseva. Khim. prom. no. 2:88-93 F '62.

Tertiary triatomic alcohols of the acetylenic and ethylenic series and their chemical conversions. Part 25 Mechanism of the hydrogenation of polyhydroxyl-containing derivatives of acetylene. V I. Nikitin, N. V Malorova. Zhur. ob. khim 32 no 1 33-40 Ja '62.

HYDROGENOLYSIS

Hydrogenolysis of sulfur-containing organic compounds on an aluminum-cobalt-molybdenum catalyst. A A. Rybnikova, I. N. Tits-Skvortsova, E. Nozdov. Neftekhimiia 1 no 1:100-104 Ja-F '61.

HYDROGRAPHY

(see also subdivision under Kuybyshev Reservoir; Ob' River)

Tower for reservoir observations. F. I. Belykh. Sbor. rab po gidrol no. 2:29-32 '61.

HYDROLOGY

(see also subdivision under Aden, Gulf of; Baltic Sea; Berelekh River, Yakutia; Caspian Sea; Ili Delta; Irtysh River; Kuybyshev Reservoir; Pacific Ocean; Polomyat' River; Red Sea; Suez Canal)

Determining the magnitude of the error of discharge measurements in rivers by the "area-velocity" method. L. V. Selivanov. Meteor. i gidrol. no. 2:48-50 F '62.

Estimating the forecasts of seasonal phenomena. D. D. Kvasov Sbor. rab. po gidrol no 1:148-153 '59

Formulas for determining standard parameters of curves representing the distribution of the sum, the difference, and the product of independent statistical values. G. A. Alekseev Sbor rab po gidrol. no 1 128-133 '59

Lebedev, V. V. [Hydrology] Gidrologiia. Leningrad, Izd-vo "Rechnoi transport," 1959. 192 p. (faU)

Probability calculation of compensational stream flow control. IA D. Gil'denblat, D. V Kozmiasov Trudy Gidroproekta no 4 166-183 '60.

Studying hydrological phenomena by parametric composition of probability distribution functions of natural factors. E. G. Blokhinov. Trudy Gidroproekta no 4:118-127 '60

HYDROLOGY—BIBLIOGRAPHY *see* Bibliography—Hydrology

HYDROLOGY—CONGRESSES

Conference on trends in and coordination of scientific problems in the field of hydrology M. Lavrinovich Izv AN Latv SSR no 11 139-140 '61.

HYDROLYSIS

(see also subdivision under Fergana)

Correlation of the rate constants in the alkaline hydrolysis of aromatic sulfonic acid esters as dependent on their structure. V. A. Pal'm, R. V. Vizgert. Dokl. AN SSSR 142 no. 5:1091-1094 F '62.

Hydrolysis of cyclic polymethylsiloxanes. K. A. Andrianov, G. IA. Rumba. Zhur. ob. khim. 31 no. 12: 4038-4042 D '61.

Isotopic method used in studying the hydrolysis of salts of methylsulfuric and ethylsulfuric acids. I. P. Gragerov, A. M. Tarasenko. Zhur. ob. khim. 31 no. 12: 3878-3880 D '61

Mechanism of hydrolysis of aromatic sulfochlorides. Part 12. R. V. Vizgert Zhur. ob. khim. 32 no. 2: 628-633 F '62.

Mechanism of hydrolysis of phenyl esters of substituted benzenesulfonic acid. Part 13. R. V. Vizgert. Zhur ob khim. 32 no 2,633-637 F '62

Photometric determination of pentoses in hydrolysates. O B Kravinskii, I F Rudomanova, D N. Lutseva. Izv. vys. ucheb. zav.; pishch. tekh. no. 6 150-153 '61.

Polarographic method for determining the furfural in products of the hydrolysis industry. V. G. Kul'manovich, K. M Kardailova, F. S. Omel'chenko. Izv vys. ucheb. zav., pishch tekh no. 6:145-149 '61.

HYDROMECHANICS *see* Fluid mechanics

HYDROROMEITE *see* subdivision under Transcarpathia

HYDROMETER

Electronic hydrometer. O Andreev. Zemledelie 24 no. 1 53 Ja '62

HYDROMETEOROLOGY

(see also subdivision under Kama Hydroelectric Power Station; Soviet Central Asia)

At the geophysical station. A. A. Krutov. Put' i put. khoz. 6 no. 2:21 '62.

HYDROMETEOROLOGY—PERIODICITY

Relation between long-range cyclic variations of hydrological, meteorological, and biological factors and the variations of solar activity. V. I. Duginov. Sbor. rab po gidrol no. 2:87-102 '61.

HYDROPEROXIDE

Autoxidation of 1-isopropyl-1-cyclohexene and 1-ethyl-1-cyclopentene to hydroperoxides. V. F. Beliaev. Zhidkofaz. okis. nepr. org. soed. no. 1:97-104 '61.

Preparation of 1, 2, 3, -trimethyl-2-cyclohexene hydroperoxide. K. A. Pecherskaia, E. G. Ermolneva. Zhidkofaz. okis., nepr. org. soed. no. 1:119-122 '61.

Reaction of alkaline splitting of cumene hydroperoxide. Part 1: Some properties of a hydrated sodium salt of cumene hydroperoxide. V. A. Beliaev, M. S. Nemtsov. Zhur. ob. khim. 31 no. 12:3855-3860 D '61.

Reaction of alkaline splitting of cumene hydroperoxide. Part 2: Some properties of an anhydrous sodium salt of cumene hydroperoxide. V. A. Beliaev, M. S. Nemtsov. Zhur. ob. khim. 31 no. 12:3861-3869 D '61.

HYDROPHOBIA *see* Rabies

HYDROXYLATION

Hydroxylation of allyl alcohol by hydrogen peroxide in the presence of mercury and its compounds. L. V. Sulima. Zhur. ob. khim. 32 no. 1:307-309 Ja '62.

HYGIENE

Bogdanov, IA. M., and G. M. Krakovink. [Hygiene] Gigiena. Moskva, Izd-vo "Fizkul'tura i sport," 1961. 167 p. (DNLM)

Some hygienic properties of slightly stretching knit fabrics. L. V. Proskurnikova. Tekst. prom. 21 no. 12:53-54 D '61.

HYGIENE, VETERINARY *see* Veterinary hygiene

HYPERGEOMETRIC FUNCTIONS *see* Functions, Hypergeometric

HYPERGLYCEMIA

Characteristics of nutritional hyperglycemia and the absorption of glucose by the intestine in a vegetative ganglionic block produced by ganglionlytic preparations. I. A. Dzhevetskaia Fiziol zhur 48 no. 7:807-812 J '62.

HYPERONS

Hyperon production in lead by K^+ mesons having a mean energy of ~100 Mev. [with summary in English] D V Nikgo and others Zhur. eksp i teor. fiz 43 no. 2:435-438 e '62

HYPERTENSION

Histochemical evidence on the significance of the adaptation reserve in hypertension [with summary in English]. D. L. Panchenko. Vrach. delo no. 1, 12-18 Ja '62.

Blood lipoproteins and protein fractions in hypertension N S. Lebed' Zdrav Bel 7 no 6 28-32 Je '61.

Change in lipid protein fractions in the blood serum in young hypertensive patients. V. V. Volkova. Terap arkh. no 7:50-54 '61

Changes in external respiration in pulmonary hypertension of various origins. S. E. Slavina, G. A. Mitenkina Sov. med 25 no. 12 95-99 D '61

Changes in the organ of vision in hypertension. I. V. Rokitskaia Terap arkh no. 9:25-30 '61.

Characteristics of nocturnal hemodynamics in hypertension. I. V. Zakharov Terap arkh. no 9:20-25 '61.

Cholesterol content of blood in hypertension [with summary in English]. N. I. Guseva Terap arkh. no 9: 16-20 '61

Cholesterol level in the blood and the functional state of the liver in hypertension [with summary in English] A. N. Grigor'iantz. Terap. arkh no. 7:41-46 '61

Correlation of α- and β-lipoproteins in the blood serum in atherosclerosis of the coronary vessels and hypertension according to the stages of the disease. I. P. Bodnar'. Vest. AMN SSSR 16 no 12:40-43 '61

Daily rhythm of the secretion of aldosterone in hypertension. O. V. Kireeva Terap. arkh no 7:38-43 '61

Data on the study of drugs used in Chinese popular medicine for treating hypertension, nephritis, dilution and cancer. Report No. 2. G. K. Nikonov and others. Apt. delo 10 no. 6:73-78 N-D '61

Diurnal dynamics and asymmetry of arterial pressure in cerebrovascular lesions and hypertension. Z. IA. Elstinskaia. Med. zhur. Uzb. no 2:51-56 F '60.

Dynamics of blood serum protein fractions during the treatment of hypertension with alkaloid preparations of Rauwolfia serpentina and hexonium [with summary in English]. G. V. Kalugina Terap arkh. no. 7:46-50 '61.

Effect of animal protein, common salt and restrictive diet (apples) days on the hemodynamics in hypertension [with summary in English]. G. F. Sorokin. Vop pit. 21 no. 1:22-29 Ja-F '62.

Effect of reserpine and hypothiazine treatment on urinary excretion of catechol amines in hypertension [with summary in English] V. V. Menshikov. Terap arkh no. 9:12-16 '61.

Electrocardiographic changes in hypertension treated with daucarine. A. S. Ismagulov. Zdrav. Kazakh. 21 no 6:30-34 '61.

Electrocardiographic observations of pulmonary tuberculosis and hypertension. S. R. Luchinina. Probl. tub. no. 2, 58-66 '62.

Functional state of the cochlear analyzer in hypertension. A. G. Guniev. Med zhur. Uzb. no. 3:58-62 Mr '60.

"On the pathology of the nervous system in hypertension" by N. D. Man'kovskii, V. M. Slonimskaia, Z. N. Bracheva. Reviewed by E. Shmidt. Zhur. nevr. i psikh. 61 no. 6: 947-950 '61.

[Problems in the physiology and pathology of the vascular tonus] Voprosy fiziologii i patologii sosudistogo tonusa. Kiev, Gos. med. izd-vo USSR, 1961. 274 p. (DNLM)

Treatment of first and second stage hypertension at the "Eshert" sanatorium. G. Kh. Kaiuntov and others. Voen.-med. zhur. no. 8:83 Ag '61.

Use of acupuncture in hypertension. N. A. Tsiomo, V. K. Pavelis. Zdrav. Kazakh. 21 no. 5:42-44 '61

Use of daucarine in hypertension. A. S. Ismagulov. Zdrav. Kazakh. 21 no. 10:24-27 '61.

HYPERTHYROIDISM

Case of the development of hypothyreosis in a patient with hyperthyreosis. M. K. Umarova. Med. zhur. Uzb. no. 6:70 Je '60.

Results of radioactive iodine treatment of thyrotoxicosis. R. I. Vizgina. Vrach. delo no. 1:81-85 Ja '62.

HYPNOTISM IN SURGERY

Hypnoanesthesia. A. N. Kabanovskii. Nov. khir. arkh. no. 4:67-70 Jl-Ag '60.

HYPOCHLOROUS ACID

Reaction of cerium with hypochlorous acid compounds. A. A. Ivakin. Zhur. prikl. khim. 35 no. 2:245-250 F '62.

HYPOCHONDRIA
Effectiveness of narcopsychotherapy in protracted hypochondric states [with summary in English]. M.E. Teleshevskaia. Vrach.delo no.1:85-88 Ja '62.
Treatment of one of the forms of the hypochondriac syndrome of neurotic origin V.IA Deglin Vop psikh. no.4:236-240 '60.

HYPODERMIC INJECTIONS see Injections, Hypodermic

HYPOGLYCEMIA
Hypoglycemic disease caused by adenoma of the islands of Langerhans. M.F. Kamaev, N.R. Kopystianskii Nov. khir. arkh. no. 2,16-21 '62

HYPOTHALAMUS
Analyzing the influences of the hypothalamic area on the state of labyrinthine tonic reflexes after irradiation. Z.A. IAnson. Radiobiologiia 1 no.6:933-939 '61

HYPOTHALAMUS—DISEASES
Characteristics of vascular reflexes in diseases of the hypothalamic region [with summary in French]. N.I. Grashchenko, G.A. Sevost'ianova. Zhur. nevr. i psikh. 61 no.6 837-842 '61.

HYPOTHALAMUS—INNERVATION
Bioelectrical activity of single neurons of the hypothalamus in short-term shifts of osmotic pressure in the reservoir of the internal carotid artery and the portal vein of the liver. B.F. Tolkunov. Fiziol. zhur. 48 no.1: 39-46 Ja '62

HYPOTHERMIA
Oxygen saturation of the blood in tetralogy of Fallot during surgery for suturing an intra-arterial anastomosis in hypothermia [with summary in English] R.S. Vinitskaia, T.M. Darbinian. Grud. khir. no.5:42-48 '61.

HYPOTHESIS
M.V. Lomonosov and the scientific hypothesis [in Armenian with summary in Russian]. B.M. Kedrov. Ist.-filol. zhur. no.3/4:23-38 '61.

HYSTERESIS
Parametric representation of the hysteresis loop. G.M. Tikhomirov. Izv. vys. ucheb. zav. ;elektromekh. 5 no.1:10-14 '62.

IAKOVLEV, NIKOLAI NIKOLAEVICH, 1911-
Nikolai Nikolaevich IAkovlev (on his 50th birthday). Fiziol zhur. 48 no.1:117 Ja '62.

IAKZHIN, ALEKSANDR ANDREEVICH, 1907-1961
Aleksandr Andreevich IAkzhin, obituary. Izv. vys. ucheb. zav., geol. i razv 5 no 1 1-IV Ja '62

IBARRURI, RUBEN, 1920-1942
Dear name of an unforgettable hero. K. Hlushanin, R. Paretskaia. Belarus' 19 no.2:20 F '62.

ICE
(see also subdivision under Antarctic regions; Boris Vilkitskiy Strait; Ukraine)
Ice crust and measures for controlling its killing of winter crops. N.M. Shamanin. Zemledelie 24 no 1: 47-50 Ja '62

ICE AGE see also subdivision 'Glacial epoch' under Dnieper Valley

ICE ON RIVERS, LAKES, ETC.
(see also subdivision under Ladoga, Lake; Siberia, Eastern; Volga River; Yenisey River)
Calculation of the load limit of an ice cover when loads are standing on the ice. D.F. Panfilov. Izv. vys. ucheb. zav. ;stroi. i arkhit. 4 no.6:47-57 '61.
Icings and the discharge capacity of the stream channel under the ice cover. K.I. Rossinskii. Trudy Gidroproekta no.4:298-316 '60.
Use of compressed air to form nonfreezing areas in water reservoirs. B.S. Borodkin, G.I. Melkonian. Trudy LIVT no.6:23-34 '60.

ICE SPORTS see Winter sports

ICELAND—GEOLOGY, STRUCTURAL
Tectonic pattern and position of Iceland. M.V. Muratov. Izv. vys. ucheb. zav., geol. i razv. 4 no.12:16-29 D '61.

ICHTHYOSAURIA see subdivision under Gariblik region

ICONS
Depiction of artisans' articles on early icons. IU.M. Zolotov. Sov. arkheol. 6 no.1:301-304 '62.

IDENTIFICATION
Craniometry as one of the methods for increasing the reliability of determining sex on the basis of the skull V.I. Pashkova. Vop. antr. no.7:95-101 '61.
Method for determining pair correspondences of bones. V.G. Vlastovskii. Vop. antr. no.5:133-136 '60.

IDENTITY, PERSONAL see Personality

IGARKA—ECONOMIC CONDITIONS
"We are from Igarka." Shvva Kozhevnikov. Smena 38 no 24;9-10 D '61.

IGARKA REGION (KRASNOYARSK TERRITORY)—FROZEN GROUND
Effect of a blanket of snow on the dynamics of seasonally and permanently frozen layers. G.S. Konstantinova. Trudy Inst. merzl AN SSSR 17 46-52 '61

IIRELEKH VALLEY—FROZEN GROUND
Ice content and temperature on the permanently frozen layers of the Khabardin ravine. E.B. Belopukhova. Trudy Inst. merzl AN SSSR 17 58-62 '61

ILEUM
Meckel's diverticulum in surgical practice. Kh. A. Khakimov. Med zhur Uzb. no 11;58-59 N '61.

ILEUM—CANCER
Leiomyosarcoma of the ileum. V IA Unru. Vest. rent. i rad 36 no.6 53-54 N-D '61

ILEUM—DISEASES
Terminal ileitis. T. Orynbaev. Zdrav. Kazakh. 21 no 6;18-20 '61.

ILEUM—FOREIGN BODIES
Perforation of the ileum by a fish bone. B.Z. Liubin. Zdrav. Bel. 7 no 6;60 Je '61.

ILEUM—INNERVATION
Intramyogan nervous apparatus of the ileocecal valve in man [with summary in English]. E.A. Dyakin. Arkh. anat. gist. i embr. 41 no.7:85-89 Jl '61.

ILI DELTA—HYDROLOGY
Dynamics of stream channel processes in the Ili Delta. R.M. Khaidarov. Trudy Gidroproekta no.4;266-272 '60.

ILI VALLEY—MINERALS IN SOIL
Sodium carbonate salinization of soils in the lower Ili Valley. A.A. Litvinova. Izv. AN Kazakh. SSR. Ser. bot. i pochv no 2,56-63 '61.

IL'INA, GALINA ALEKSANDROVNA
Galina Aleksandrovna Il'ina. Med. sestra 20 no.11;58 N '61.

ILIOINGUINAL NERVE
Late pains following herniotomy and characteristics of the topography of the ilioinguinal nerve V.V. Pavlov Zdrav. Kazakh. 21 no. 5;24-27 '61.

ILISHEVO DISTRICT—SOILS—CLASSIFICATION
Valuation of arable soils as exemplified by the M. Gafuri Collective Farm, Ilishevo District, Bashkiria. S.N. Taichinov, S.G. Gizzatullin, A.V. Dobrov. Pochvy IUzh. Urala i Povol no.4;51-64 '60.

ILIYSKIY DISTRICT—COOPERATIVE SOCIETIES
Best in the district. V. Shevchenko. Koop. Kazakh. 4 no.12;34-35 D '61.

ILLICIT DISTILLING see Distilling, Illicit

ILLUSIONS, OPTICAL see Optical illusions

ILLUSTRATION OF BOOKS
Recently found illustrations of "Dead souls." N. Ostrovs'kyi. Ukraina no.5-24 Mr '62.

IL'MEN PRESERVE—MINERALOGY
Stone book. G.Meiel'skii. Volrug sveta no.1-30-32 Ja '62.

IL'MENEV, STEPAN IVA.IOVICH, 1900-1961
Stepan Ivanovich Il'menev; an obituary. Zemledelie 24 no.1;93 Ja '62.

ILMENITE
Conversion of ilmenite into rutile in supergene processes. IE.H. Kukovs'kyi, IU.V. Kononov. Geol. zhur. 21 no.6;97-102 '61.
Investigating interaction processes of the lower titanium oxides with ilmenite. V.A. Roznichenko, T.P. Ukolova. Titan i ego splavy no.5;75-79 '61.
Metallurgical processing of ilmenite concentrates and titanium-magnetites for the purpose of obtaining iron powder and a product with a high titanium content. N.N. Timoshenko and others. Titan i ego splavy no.5: 69-74 '61.
Method of processing ilmenite concentrates for the production of titanium dioxide. E.P. Beliakova. Titan i ego splavy no.5;289-294 '61.
Use of ilmenite concentrates for the production of pigmented titanium dioxide by the sulfuric-acid method. M.L. Borodina and others. Titan i ego splavy no.5: 282-288 '61.

IMAGE ICONOSCOPE
Experience in the use of studio LI101 camera tubes. K.A. Fedorov. Tekh. kino i telev. 6 no.2:33-37 F '62.

IMIDAZOLE
Derivatives of imidazole. Part 26. A.V. El'tsov, L.S. Efros Zhur ob. khim. 31 no.12;3994-4001 D '61.
Derivatives of imidazole. Part 27. A.V. El'tsov, L.S. Efros. Zhur. ob. khim. 32 no 1;196-199 Ja '62.

IMIPRAMINE
Synthesis of imizine hydrochloride N-(3-dimethylaminopropyl)-iminodibenzyl. V.G. IAshunskii and others. Med. prom 15 no 12;10-13 D '61.

IMITATION
Physiological study of long-delayed imitation in anthropomorphic monkeys (chimpanzees). L.A. Firsov. Vop antr. no.5:19-39 '60.

IMMUNITY
Change in the correlation of protein fractions in the blood serum of immunized animals under the influence of antibiotics [with summary in English]. N.V. Chumachenko, E.M. Sokolova. Antibiotiki 7 no.1 41-43 Ja '62.
Conference on nonspecific prevention of infections and on methods for increasing the resistance of the body during treatment. Z. Tulegenov, A.Z. Buzina. Zdrav. Kazakh. 21 no.10;75-76 '61.
Dynamics of the accumulation of antibodies in animals with varying types of nervous systems under conditions of simultaneous vaccination with several antigens. L.D Amiantova. Zhur. mikrobiol., epid. i immun 32 no.9:139-140 S '61
Experimental studies of the immunology of colienteritis [with summary in English]. N.I. Zatsepin, P.V. Zadvornisk. Zhur. mikrobiol., epid. i immun. 32 no.9: 112-116 S '61.
Influence of the bone marrow on artificial immunity in irradiated animals [with summary in English]. M.A. Tumanian, A.V. Izvekova, Zhur. mikrobiol., epid. i immun. 32 no.9:58-64 S '61.
Intradermal allergic reaction as an indication of immunity to plague [with summary in English]. E.I. Korobkova, L.P. Pavlova, E.E. Bukhrakh. Zhur. mikrobiol., epid. i immun. 32 no.9:37-42 S '61.
Participation of the lymphoid organs in immunogenesis and the role of steroid hormones in this process [with summary in English]. A.N. Meshalova. Zhur. mikrobiol., epid. i immun. 32 no.9:77-83 S '61.
Relationship between individual characteristics of immunogenesis and typological characteristics of the nervous system in rabbits. Report No.2: Dynamics of the formation of agglutinins in relation to the functional force of neural processes [with summary in English]. V.N. Krylov, O.V. Malinovskii Zhur mikrobiol., epid. i immun. 32 no.9:92-96 S '61
Some problems of the mechanism of artificially aquired immunity [with summary in English]. S.I. Ginzburg-Kalinina. Zhur. mikrobiol., epid. i immun. 32 no.9: 52-58 S '61.

IMMUNOCHEMISTRY
Chemical nature of the antigen function and immunological specificity of proteins. A.I. Nikolaev Med. zhur. Uzb no 3,35-39 Mr '60.

IMMUNOLOGY
Development of concepts in immunology. V.I. Ioffe. Vest. AMN SSSR 16 no.11;58-64 '61.
Immunobiologic reactions in lambs born of ewes vaccinated with strain 19. G.G. Cheremisin. Veterinariia 39 no.1;31-33 Ja '62.
Immunobiological properties of antigenic complexes from Mycobacterium tuberculosis [with summary in English]. A.I. Togunova, M.L. Khatenever, L.V Zhulina. Zhur. mikrobiol., epid. i immun. 32 no.9:116-120 S '61.
Immunodiagnostic tests in malignant growths in man. IU.N. Mol'kov. Vop. onk. 8 no.1;107-117 '62.
State of the general (nonspecific) immunological reactivity of the organism in disorders of the cerebral circulation. E.Z. Putintseva. Zdrav. Kazakh. 21 no.6;39-43 '61.

IMPACT
Some results of calculating the total strain of the structure taking into account repeated elastic impacts. Z.L. Berodze, G.N. Razmadze. Soob. AN Gruz. SSR 27 no.6;715-719 D '61.

IMPEDANCE (ELECTRICITY)
Determining the impedance of electrolytic cells by the effective current [with summary in English]. O.V. Horodys'kyi, E.V. Panov. Dop. AN URSR no.2;205-207 '62.

IMPELLERS
Heat treatment of turbogenerator and steam turbine rotors. P.V. Skliuev. Metalloved i term. obr. met no.3:45-49 Mr '62.

IMPELLERS—TESTING
Determining the deflection of the turbine rotor during the first critical revolution number under operating conditions. M.I. Lappa. Energomashinostroenie 8 no.2: 43-45 F '62.
Temperature stresses in the turbine rotor under nonstationary operating conditions. E.IA. Gertsberg. Energomashinostroenie 8 no.2;26-28 F '62.

IMPENNES see Penguins

IMPERIALISM
Rudenko, G. F. [Lenin's methodology of research on imperialism] O leninskoi metodologii issledovaniia imperializma. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 57 p.

INAGLI REGION—APATITE
Strontium apatite, a new mineral. A. F. Efimov, S. M. Kravchenko, Z. V. Vasil'eva. Dokl. AN SSSR 142 no. 2 439-442 Ja '62.

INCANDESCENT LAMPS see Electric lamps, Incandescent

INCOME
Problems of methodology and method in determining volume of production of national income in the Union republics. V. Osminin. Nauch. rab. i issled. Otd. obshchestv. nauk AN Uz. SSR 2 13-23 '61.

INDAN
N-bis(chloroethyl)amines of bicyclic compounds. Part 5: Some new derivatives of indan, tetrahydronaphthalene, and benzocycloheptane. K. V. Levshina, I. I. Kolodkina, S. I. Serglevskaia. Zhur. ob. khim. 32 no. 2:461-467 F '62.
Oxidative and oxidative-hydrolytic transformations of organic molecules. Part 35: Synthesis and properties of polyfunctional substituted indans. L. A. Shchukina, E. P. Semkin. Zhur. ob. khim. 32 no. 2:403-403 F '62.
Synthesis and properties of indan hydrocarbons. A. V. Topchiev, N. E. TSytovich, E. S. Pokrovskaia. Neftekhimiia 1 no. 1 15-22 Ja-F '61.

INDANDICARBOXYLIC ACID
Stereochemistry of cyclic compounds. Part 44: Synthesis and stereochemistry of cis-hydrindan-4, 5-dicarboxylic acids. V. F. Kucherov, E. P. Serebriakov. Zhur. ob. khim. 32 no. 2:426-432 F '62.

INDANDIOL
Catalytic hydrogenation of 2-substituted 1, 3-indandiones to corresponding 1, 3-indandiols. T. T. Dumpis, G. IA. Vanag. Dokl. AN SSSR 142 no. 2 362-365 Ja '62.

INDANDIONE
Catalytic hydrogenation of 2-substituted 1, 3-indandiones to corresponding 1, 3-indandiols. T. T. Dumpis, G. IA. Vanag. Dokl. AN SSSR 142 no. 2 362-365 Ja '62.
Production of 2-aralkyl-1-indanone-3-ols by the catalytic hydrogenation of 2-aryliden-1, 3-indandiones. T. T. Dumpis, G. IA. Vanag. Dokl. AN SSSR 142 no. 6:1308-1311 F '62.

INDANONE
Production of 2-aralkyl-1-indanone-3-ols by the catalytic hydrogenation of 2-aryliden-1, 3-indandiones. T. T. Dumpis, G. IA. Vanag. Dokl. AN SSSR 142 no. 6:1308-1311 F '62.

INDAZOLE
Some derivatives of 3-aminomethylindazole. N. V. Dudykina, N. K. Kochetkov. Zhur. ob. khim. 32 no. 1 81-84 Ja '62.

INDEX NUMBERS (ECONOMICS)
Indices of the profitable production of industrial enterprises. N. Chumachenko. Den. i kred. 20 no. 2:33-40 F '62.

INDIA—ASCETICISM
Classification of behavior forms in ancient Indian psychology. A. M. Piatigorskii. Dokl. APN S no. 5 109-114 '61.

INDIA—BOTANY, MEDICAL
Most important medicinal plants in the scientific and popular medicine of India. N. IA. Itskov, P. N. Kibal'chich. Biul. Glav. bot. sada no. 43:88-93 '61.

INDIA—DESCRIPTION AND TRAVEL
In search of the rhinoceros. U. Ulrich, W. Ulrich. Vokrug sveta no. 5:18-21 My '61.
"Travel notes of Abdurazzak Samarkandi on his trip to India." Reviewed by I. Nizamutdinov. Obshchestv nauki v Uz. no. 2:61-62 '61.

INDIA—ECONOMIC ZONING
Problems in the economic regionalization of India. L. V. Komar, K. M. Popov. Izv. AN SSSR. Ser. geog. no. 1:37-47 Ja-F '62.

INDIA—ELECTROCHEMISTRY—RESEARCH
Electrochemical research in India. IA. M. Kolotyrkin, A. N. Frumkin. Vest. AN SSSR 32 no. 3:56-58 Mr '62.

INDIA—FINANCE
Shein, N. V. [State finances of India] Gosudarstvennye finansy Indii. Moskva, Gosfinizdat, 1961. 209 p.
"State finances of India" by N. Shein. Reviewed by V. Pistrenkov. Fin. SSSR 23 no. 2:90-91 F '62.

INDIA—FOUNDING
Foundry practice in India. IA. G. Politakov. Lit. proizv. no. 2:46-47 F '62.

INDIA—HISTORY
Origin and work of the bourgeois-nationalist organizations in India on the eve of the 1857 rebellion. M. Kutina. Nauch. rab. i issled. Otd. obshchestv. nauk AN Uz. SSR 2:109-208 '61.

INDIA—LANGUAGES
Akademiia nauk SSSR. Institut narodov Azii. [Languages of India] IAzyki Indii, sbornik statei. Moskva, Izd-vo vostochnoi lit-ry, 1961. 409 p.

INDIA—POLITICS AND GOVERNMENT
India on the eve of the general elections. A. Ashraf. Az. i Afr. seg. no. 2 22-24 F '62.
Political organizations of the Indian national bourgeoisie as a predecessor of the National Congress of India. M. Kutina. Obshchestv. nauki v Uz. no. 3:62-64 '61.

INDIA—RELATIONS (GENERAL) WITH RUSSIA
Our Indian friends. V. Balabushevich. Nov. vrem. 20 no. 10,12 Mr '62.
The ties with Rakshabandhan are strengthened. E. Chelyshev. Az. i Afr. seg. no. 2:51 F '62.

INDIA—SMALLPOX
Some data on the incidence of smallpox in India. K. A. Makirov. Zdrav. Kazakh. 21 no. 6:53-58 '61.

INDIA—SOCIAL CONDITIONS
Porovshchikov, K. A. [Under the sun of India, a land which is fantastic and ordinary] Pod solntsem Indii, strany skazochnoi i obyknovennoi. Moskva, Gos. izd-vo detskoi lit-ry M-va prosv. RSFSR, 1961. 158 p.

INDIA—STEEL INDUSTRY
Bhilai-2. V. Sergeev. Mezhdunar. zhizn' 9 no. 3:90-99 Mr '62.

INDIA—TECHNICAL ASSISTANCE, RUSSIAN
"Belarus" in India. O. Khaul'kevich. Neva no. 0: 218-219 '61.
Bhilai-2. V. Sergeev. Mezhdunar. zhizn' 9 no. 3:90-99 Mr '62.

INDIAN OCEAN—OCEAN BOTTOM
The bottom of the Indian Ocean. A. Begenlovskii. Tekh. mol. 30 no. 1,6 '62.

INDIAN OCEAN—PHYTOPLANKTON
Tropical phytoplankton of the Indian Ocean. I. N. Sukhanova. Dokl. AN SSSR 142 no. 5:1162-1164 F '62.

INDIAN OCEAN—RARE EARTH METALS
Distribution of rare earth metals in waters of the Indian Ocean [with summary in English]. IU. A. Balashov, L. M. Khitrov. Geokhimiia no. 9:790-800 '61.

INDIAN OCEAN—ZOOPLANKTON
Distribution of macroplankton in the northern part of the Indian Ocean. N. M. Voronina. Okeanologiia 2 no. 1 118-125 '62.

INDICATORS AND TEST PAPERS
New metal indicators for barium ions. Determination of sulfates [with summary in English]. S. B. Savvin, IU. M. Dedkov, V. P. Makarova. Zhur. anal. khim. 17 no. 1: 43-47 Ja-F '62.

INDIGESTION see Dyspepsia

INDIGIRKA VALLEY—GOLD ORES
Some characteristics of the geology and metallogeny of the upper Indigirka Valley [with summary in English]. I. S. Rozhkov, G. A. Grinberg, G. G. Kukulinskii. Geol. i geofiz. no. 11,3-13 '61.

INDIGO CARMINE
Production of stable indigo carmine solutions for injections. L. P. Volkovinskaia, A. M. Pozharskaia. Med. prom. 15 no. 12:46-49 D '61.

INDIUM—SPECTRA
Plasmon spectra in In and InSb. L. A. Balabanova. M. M. Bredov, B. A. Kotov. Fiz. tver. tela 4 no. 1:86-89 Ja '62.

INDIUM ANTIMONIDE
Electron density distribution in indium antimonide. N. N. Sirota, E. M. Gololobov. Dokl. AN SSSR 143 no. 1:156-158 Mr '62.
Thermomagnetic Nernst-Ettinghausen effects in degenerated indium antimonide. O. V. Emel'ianenko, F. P. Kesamanly, D. N. Nasledov. Fiz. tver. tela 4 no. 2:546-548 F '62.

INDIUM ANTIMONIDE—ELECTRIC PROPERTIES
Current carrier mobility and the effective electron mass in alloys of indium and gallium antimonides. V. I. Ivanov-Omskii, B. T. Kolomiets. Fiz. tver. tela 4 no. 1:299-302 Ja '62.

INDIUM ANTIMONIDE—SPECTRA
Plasmon spectra in In and InSb. L. A. Balabanova. M. M. Bredov, B. A. Kotov. Fiz. tver. tela 4 no. 1:86-89 Ja '62.

INDIUM ANTIMONIDE—THERMAL PROPERTIES
Temperature dependence of the lifetime of current carriers in indium antimonide. D. N. Nasledov, IU. S. Smetannikova. Fiz. tver. tela 4 no. 1,110-121 Ja '62.

INDO-ARYAN LANGUAGES
Germanic, Baltic, and Italic languages. N. S. Chemodanov. Vest. Mosk. un. Ser. 7 Filol., zhur. 17 no. 1: 33-39 Ja-F '62.

INDOANILINE
Studies in the field of azomethine dyes. Part 4: Indoaniline dyes, derivatives of 1, 2-hydroxynaphthoic acid amides containing heterocyclic residues in the presence of nitrogen amide. B. S. Poltnaia and others. Trudy NIKFI no. 10:100-118 '60.

INDOLE
Introduction of substituents into the benzene ring of indole. Part 7: Sulfamides of the indole and indoline series. A. P. Terent'ev, Ge Ban-lun', M. N. Preobrazhenskaia. Zhur. ob. khim. 32 no. 1:177-181 Ja '62.

INDOLINE
Introduction of substituents into the benzene ring of indole. Part 7: Sulfamides of the indole and indoline series. A. P. Terent'ev, Ge Ban-lun', M. N. Preobrazhenskaia. Zhur. ob. khim. 32 no. 1:177-181 Ja '62.

INDOLOL
Serotonin and its role in mental diseases. V. M. Banshchikov, G. V. Stoliarov. Zhur. nevr. i psikh. 61 no. 6:934-943 '61.

INDONESIA—ECONOMIC CONDITIONS
Akademiia nauk SSSR. Institut narodov Azii. [The Republic of Indonesia, 1945-1960] Respublika Indoneziia, 1945-1960. Moskva, Izd-vo vostochnoi lit-ry, 1961. 382 p.

INDONESIA—ECONOMIC GEOGRAPHY
Elovatskii, I. P. [A land of a thousand islands] Strana tysiach ostrovov. Moskva, Izd-vo "Znanie," 1961. 61 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 12, Geologiia i geografiia, no. 24)

INDONESIA—POLITICS AND GOVERNMENT
Akademiia nauk SSSR. Institut narodov Azii. [The Republic of Indonesia, 1945-1960] Respublika Indoneziia, 1945-1960. Moskva, Izd-vo vostochnoi lit-ry, 1961. 382 p.

INDONESIA—RICE
Rice cultivation in Indonesia. N. B. Natal'in. Zemledelie 24 no. 1:82-86 Ja '62.

INDUCTION HARDENING
Hardening of nonuniform parts with induction heating. S. F. Solodovnik. Metalloved. i term. obr. met. no. 3: 61-62 Mr '62.
Heat treatment of low-module gear wheels by heating with high frequency currents and self-tempering. S. I. Rustem, V. N. Nikitin, A. P. Bystrikov. Metalloved. i term. obr. met. no. 3:34-38 Mr '62.
Some characteristics of cooling in a water-air mixture in induction hardening. IA. I. Spektor, A. P. Gracheva. Metalloved. i term. obr. met. no. 3:38-14 Mr '62.

INDUCTION HEATING
Donskoi, A. V., and S. M. Kulikov. [Electrothermics] Elektrotermiia. Moskva, Gos. energ. izd-vo, 1961. 311 p.
Problems in the theory of accelerated gluing of panels made of wood waste in a high-frequency field. V. M. Khrulev. Trudy Zap.-Sib. fil. ASiA no. 3:61-73 '60.
Use of induction heating for the preparation of highly resistant pipe with a finished surface. K. F. Starodubov, IU. P. Gul', A. F. Siukhin. Izv. vys. uchob. zav. tsvetn. met. 5 no. 1:169-170 '62.

INDUSTRIAL ACCIDENTS
(see also subdivision under United States)
Decree of the Presidium of the Supreme Soviet of the U.S.S.R. of October 2, 1961. Bezop. truda v prom. 6 no. 1:30 Ja '62.
Industrial accidents should be prevented. Vest. sviazi 22 no. 2:25 F '62.
Surveying the place of accident. N. IAbikov. Okhr. truda i sots. strakh. 5 no. 1:34-35 Ja '62.

INDUSTRIAL BUILDINGS
(see also subdivision under Karaganda Basin)
[Handbook for the designer of industrial, residential, and public buildings and structures; organization of construction and execution of building and assembly operations. Industrial construction] Spravochnik proektirovshchika promyshlennykh, zhilykh i obshchestvennykh zdanii i sooruzhenii; organizatsiia stroitel'stva i proizvodstvo stroitel'no-montazhnykh rabot. Promyshlennoe stroitel'stvo. Pod red. P. M. Sushkova. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 372 p.

INDUSTRIAL BUILDINGS (Continued)

Osipov, L. G., P. P. Serbinovich, and V. E. Krasenskii. [Public and industrial buildings, architectural and structural designs and building elements] Grazhdanskie i promyshlennye zdaniia, arkhitekturno-konstruktivnye skhemy i elementy zdanii. Izd. 2., perer. Pod obshchei red. L. G. Osipova. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 470 p.

INDUSTRIAL COSTS see Costs, Industrial

INDUSTRIAL ELECTRIC TRUCKS

Wagon with an ejector device for feeding the metal from the furnace to the forging hammer. IU. A. Zhuravlev. Kuz.-shtam. proizv. 4 no. 2:40-41 F '62

INDUSTRIAL EQUIPMENT—MAINTENANCE AND REPAIR

Centralize the establishment of technical specifications for repairing. V. I. Bublik. Mashinostroitel' no. 2 39 F '62

Keep the stock of production equipment in perfect condition. V. Sanamian. Prom. Arm. 5 no. 2 17-19 F '62

INDUSTRIAL EQUIPMENT—TECHNOLOGICAL INNOVATIONS

Problems of economic effectiveness of new equipment and means for automation. G. A. Shaumian. Izv. vys. ucheb. zav., mashinostr. no. 12 31-42 '61

INDUSTRIAL HYGIENE
(see also subdivision under Czechoslovakia, Volgograd, White Russia)

Across Italy. G. Rakitin. Okhr. truda i sots. strakh. 5 no. 1 46-47 Ja '62

Development of communism is the work of the people. Okhr. truda i sots. strakh. 5 no. 1:1-3 Ja '62.

Editor's mail. Okhr. truda i sots. strakh. 5 no. 1:38 Ja '62.

Emotional factor in industrial gymnastics. N. IU. Ivanov. Teor. i prak. fiz. kul't. 24 no. 12:924-926 '61.

[Fundamentals of safety engineering and fire prevention in the petroleum and gas industries] Osnovy tekhniki bezopasnosti i protivopozharnoi tekhniki v neftianoi i gazovoi promyshlennosti. [By] G. M. Grigorian i dr. Moskva, Gos. nauchno-tekhn. izd-vo nefti. i gorno-toplivnoi lit-ry, 1962. 222 p.

Hygienic evaluation of work conditions in the production of linoleum, polychlorvinyl and coumarone tiles. I. M. Trakhtenberg, V. V. Paustovskaia, R. S. Braverman. Gig. truda i prof. zab. 6 no. 1:53-55 Ja '62

Industrial accidents and occupational disease in the capitalist world. M. Kasvinov. Okhr. truda i sots. strakh. 5 no. 1:43-45 Ja '62.

Problems in industrial hygiene and the state of health of workers in benzoyl peroxide production. V. A. Kalanovich, S. M. Kavalerova, Z. A. Troitskii. Gig. trud i prof. zab. 6 no. 1:46-49 Ja '62

Problems of industrial hygiene in the production of vinyl chloride from acetylene [with summary in English] V. S. Filatova, E. Sh. Gronsberg, M. S. Babochkina. Gig. truda i prof. zab. no. 2 10-15 '62.

Sanitary hygienic characteristics of work conditions in streptomycin production. V. G. TSapko, V. V. Paustovskaia, N. A. Krasnoshchekov. Gig. truda i prof. zab. 6 no. 1:52-53 Ja '62.

Selection of duty cycle in an industry with low physical exertion and high precision of anlytical control [with summary in English] G. G. Rud'. Gig. truda i prof. zab. 6 no. 1 14-21 Ja '62.

Solov'eva, L. V. [Prevention of suppurative skin diseases in agriculture and industry] Profilaktika gnoinichkovykh zabolevanii kozhi v sel'skom khoziaistve i na proizvodstve. Moskva, Medgiz, 1961. 53 p. (Nauchno-populiarnaia meditsinskaia literatura) (DNLM)

INDUSTRIAL HYGIENE—AUDIO-VISUAL AIDS

More on posters. Okhr. truda i sots. strakh. 5 no. 2. 24-25 F '62.

INDUSTRIAL HYGIENE—BIBLIOGRAPHY see Bibliography—Industrial hygiene

INDUSTRIAL HYGIENE—CONGRESSES

All-Union Conference of State Sanitation Inspectors and Industrial Sanitation Specialists. S. S. Sal'khodzhaev, K. IU. Usupov, M. IA. Kordon. Med. zhur. Uzb. no. 2:73-75 F '60

Conference on the toxicology of high molecular weight compounds and chemical raw materials used for their synthesis. V. D. Bartenev. Gig. truda i prof. zab. 6 no. 1, 62-63 Ja '62.

INDUSTRIAL HYGIENE—PERIODICALS

Correspondence conference of our readers. A. Kravtsov, and others. Okhr. truda i sots. strakh. 5 no. 1:26 Ja '62.

INDUSTRIAL MANAGEMENT
(see also subdivision under Aktyubinsk Province; Armenia, Germany, East; Irkutsk Province; Kazakhstan; Leningrad; Moscow; Sverdlovsk Province; Tajikistan; Ukraine; United States; White Russia; Zagorsk; Zlatoust)

An academic conference at an industrial plant. M. Mikhailov. Vest. Mosk. un. Ser. 8: Ekon., filos. 17 no. 2:91-93 Mr-Ap '62.

Analysing the formation and use of a fund for adopting new machinery. R. Novikov, S. Rimom. Fin. SSSR. 23 no. 1 80-83 Ja '62

[Auditing financial operations of the enterprises of regional economic councils] Proverka finansovoi deiatel'nosti predpriiatii sovnarkhozov. Avtorskii kollektiv pod rukovodstvom D. S. Mollaeva. Moskva, Gosfinizdat, 1961. 263 p.

Garetovskii, N. V. [Enterprise fund, new order for its formation and utilization] Fond predpriiatila; novyi poriadok obrazovaniia i ispol'zovaniia. Moskva, Gosfinizdat, 1961. 43 p. (Finansy promyshlennosti)

Good management means saving. I. Orlov. Mest. prom. i khud. promys. 3 no. 1 5-6 Ja '62

In the Collegium of the Ministry of Finance of the U. S. S. R. and the Presidium of the Central Committee of the Government Workers Trade Union. Fin. SSSR. 23 no. 1:93-95 Ja '62.

Increase revenues and spend budget funds economically. I. Fadeev. Fin. SSSR. 23 no. 2:8-10 F '62

Inexhaustible source. Z. Lebedeva. Mest. prom. i khud. promys. 3 no. 1 6-7 Ja '62

Methods of calculating the maximum value of the transient intraoperational surplus. I. B. Bass. Izv. vys. ucheb. zav., tekh. leg. prom. no. 1:3-4 '62

Na
n
r
C
Economic Research and Planning] Trudy. Moskva, Izd-vo Akad. nauk SSSR.
Vol. 6. [Use of mathematical methods in technical and economic calculations] Matematicheskie metody v tekhniko-ekonomicheskikh raschetakh. 1961. 186 p.

New rules governing the financing of expenditures connected with the creation and introduction of technological innovations. V. Stetsiura. Ekon. Sov. Ukr. no. 3 116-118 My-Je '61.

Pavliutkin, S. P. [Organization and planning in foundries] Organizatsiia i planirovanie v liteinykh tsekhakh. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1962. 232 p.

Polikarpov, M. S., O. M. Gershanovskii, and A. E. Zholkevich. [Planning of industrial production in terms of costs] Planirovanie proizvodstva produktsii promyshlennosti v stoimostnom vyrazhenii. Moskva, Izd-vo ekon. lit-ry, 1961. 110 p.

Potentialities around us. I. Pososhkov. Mest. prom. i khud. promys. 3 no. 2:16 F '62

Raise the level of accounting, control and auditing work. Bukhg. uchet 19 no. 2:1-4 F '62.

Searching for hidden potentialities is the main task of the analysis of balances and reports for 1961. V. Zagrekov, M. Rabinovich. Fin. SSSR. 23 no. 1 42-49 Ja '62.

"Who determines the business policy of large enterprises? Relationship between the ownership of capital and the right of its administration" [in German] by Siegfried Cassier, book review. Nov. vrem. 20 no. 11:21-22 Mr '62.

INDUSTRIAL MEDICINE see Medicine, Industrial

INDUSTRIAL ORGANIZATION
(see also subdivision under Ukraine)

Kheinman, S. A. [Economic problems in the organization of industrial production] Ekonomicheskie problemy organizatsii promyshlennogo proizvodstva. Moskva, Gos. izd-vo polit. lit-ry, 1961. 335 p.

Let's talk about assortments. M. Liashko. Mest. prom. i khud. promys. 3 no. 1:11-12 Ja '62.

INDUSTRIAL PAINTING see Painting, Industrial

INDUSTRIAL PLANTS—DESIGN AND CONSTRUCTION

Akademiia stroitel'stva i arkhitektury SSSR. Institut gradostroitel'stva i rayonnoi planirovki. [Instructions for drafting general plans of industrial enterprises] Ukazaniia po proektirovaniiu general'nykh planov promyshlennykh predpriiatii. Odobreny Gosudarstvennym komitetom Soveta Ministrov SSSR po delam stroitel'stva 15 noiabria 1960 g. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 131 p.

INDUSTRIAL PLANTS—VIBRATION

Significance of vibrations in industrial production in the pathogenesis of occupational deafness [with summary in English]. IA. S. Temkin, P. S. Kublanova. Zhur. ush., nos. i gorl. bol. 20 no. 6:66-70 N-D '60.

INDUSTRIAL PROCUREMENT

Cooperative deliveries in industry. S. S. Alekseev, V. K. Mamutov. Sov. gos. i pravo no. 2:44-52 F '62.

Improving the supply of materials and equipment is the most important objective. A. Abramian, I. Burshtein. Ekon. stroi. no. 2:25-31 F '62.

Industrial procurement workers must have special training. G. Khobotov. Nar. khoz. Kazakh. 20 no. 2:92-93 F '62.

"Supplying the industry of a regional economic council with materials and equipment" by N. V. Ivanov, N. K. Maliutin, A. A. Fleishman. Reviewed by N. Khovriakov. Nar. khoz. Kazakh. 20 no. 1:85-87 Ja '62.

INDUSTRIAL PROCUREMENT—ACCOUNTING

Improve accounting in organizations that supply and sell materials and equipment. V. Novak, S. Finkel'. Bukhg. uchet 19 no. 1:27-31 Ja '62.

INDUSTRIAL PSYCHOLOGY see Psychology, Industrial

INDUSTRIAL RELATIONS
(see also subdivision under Kurgan; Moscow; Ural'sk-Kamenogorsk)

Improving production relations in the period of large-scale building of communism. P. Khod'kov. Kommun. Bel. 35 no. 6:43-49 Je '61

Smetannikova, N. D. [Educational work in a brigade of communist labor] Vospitatel'naia rabota v brigade kommunisticheskogo truda. [Moskva] Izd-vo VTsSPS Profizdat, 1961. 101 p.

INDUSTRIAL RESEARCH see Research, Industrial

INDUSTRIAL SAFETY

Consultations. Bezop. truda v prom. 6 no. 1:37 Ja '62

Consultations. Bezop. truda v prom. 6 no. 2:34-36 F '62.

For further technological development and working safety in industry. G. P. Zablotskii. Bezop. truda v prom. 6 no. 1:1-3 Ja '62

In the Presidium of the All-Union Central Council of Trade Unions. Okhr. truda i sots. strakh. 5 no. 2 45 F '62

In the State Mine Inspection of the Ukrainian S. S. R. Bezop. truda v prom. 6 no. 2:39 F '62

[Instructions on safety measures in the storage of the working supplies of a foundry department] Instruktsiia po tekhnike bezopasnosti dlia rabochego shikhtovogo sklada liteinogo tsekha. [Moskva] Mashgiz, 1960. 11 p.

Readers' letters. Bezop. truda v prom. 6 no. 2:37 F '62

Readers' letters. V. M. IUr'ev and others. Bezop. truda v prom. 6 no. 1:36 Ja '62.

[Regulations on safety engineering: steam boilers, pressure vessels, hoisting machinery] Ohutustehnika eeskirjad: Aurukatlad, survemasinad, tostemasinad. Toine, talendatud ja parandatud trukk. Tallinn, Eesti Riiklik Kirjastus, 1960. 205 p. [In Estonian]

INDUSTRIAL SAFETY—BIBLIOGRAPHY see Bibliography—Industrial safety

INDUSTRIAL SAFETY—LAWS AND LEGISLATION

Russia (1923- U. S. S. R.) Komitet po nadzoru za bezopasnym vedeniem rabot v promyshlennosti i gornomu nadzoru. [Safety regulations in connection with operations in coal preparation and coal briquet plants and coal classification; mandatory for all coal preparation, coal briquetting and classification plants in all branches of industry] Pravila bezopasnosti pri vedenii rabot na ugleobogatitel'nykh i uglebriketnykh fabrikakh i sortirovkakh; obiazatel'ny dlia ugleobogatitel'nykh i uglebriketnykh fabrik i sortirovok vsekh otraslei promyshlennosti. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 31 p.

INDUSTRIAL SAFETY EDUCATION see Safety education, Industrial

INDUSTRIAL STATISTICS

Industrial production of capitalist countries. N. Rydvanov. Mir. ekon. i mezhdunar. otn. no. 3:154-157 Mr '62

Vorob'ev, N. IA. [Studies on the history of industrial statistics in prerevolutionary Russia and the U. S. S. R., methods of collecting and processing statistical data] Ocherki po istorii promyshlennoi statistiki v dorevoliutsionnoi Rossii i v SSSR; metody nabliudenila i obrabotki. Pod red. S. M. IUgenburga. Moskva, Gosstatizdat, 1961. 130 p.

INDUSTRIAL TELEVISION
(see also subdivision under Khartsyzsk)

Application of television techniques to pipe welding. B. V. Kondrat'ev, N. IA. Novikov, I. I. Andreev. Svar. proizv. no. 2:30 F '62.

INDUSTRIAL TOXICOLOGY

A
Lit
(continued)

INDUSTRIAL WASTES

Inexhaustible source. Z. Lebedeva. Mest. prom. i khud. promys. 3 no. 1:6-7 Ja '62.

INDUSTRY

Malzel', M. M., ed. [Basic processes, machinery, and apparatus of light industry] Osnovnye protsessy, mashiny i apparaty legkoi promyshlennosti. [By] N. N. Arkhipov i dr. Moskva, Izd-vo nauchno-tekhn. lit-ry. RSFSR, 1961. 491 p.

Moscow. Universitet. Ekonomicheskii fakul'tet. Kafedra ekonomiki zarubezhnykh stran. [Characteristics of developing industrial production in capitalist countries] Osobennosti razvitiia promyshlennogo proizvodstva v kapitalisticheskikh stranakh. Pod red. V. A. Zhamina. [Moskva] Izd-vo Mosk. univ., 1961. 239 p.

INDUSTRY (Continued)
Ogurcumov, V. V. [Technological innovations from the basis for the development of industrial production] Tekhnicheskii progress - osnova razvitiia proizvodstva. *Moskva, Izd-vo "Znanie," 1961. 61 p. (Narodnyi universitet kul'tury: Tekhniko-ekonomicheskii fakul'tet, no 16-17)*

INDUSTRY—ABSTRACTS
[Economics of industry.] Ref. sbor. Ekon. prom. nos. 2-3 F-Mr '62.

INDUSTRY—PRODUCTION STANDARDS
Use on large scale of technically justified standards in production. S. Arutiunian Prom. Arm. 6 no. 1:21-25 Ja '62.

INDUSTRY AND ART *see* Art and industry

INEQUALITIES (MATHEMATICS)
Some fundamental inequalities in the theory of orthogonal polynomials. IA. L. Geronimus. Dokl. AN SSSR 140 no. 5:1002-1004 O '61.

INFANTILE PARALYSIS *see* Poliomyelitis

INFANTS
Combined instrument for estimation of the weight and the height of infants. B. M. Abramovich Vop. anti no. 3 126-129 '61.
Nutrition of and care for infants of eight and nine months. R. Vol'skaia. Rab. i stial 36 no. 3 19-20 Mr '62.

INFANTS—CARE AND HYGIENE
Care and nursing of children in the village during the first months of their lives S. A. Polchanova. Med. sestra 20 no. 11, 21-27 N '61.

INFANTS—DISEASES
Amount of phosphatase and enterokinase in feces of infants in dysentery. I. F. Fasylov. Med. zhur. Uzb. no. 2:27-28 F '60.
Diagnosis of acute appendicitis in infants. S. I. Kilonskii. Zdrav. Bel. 7 no. 12:32 D '61.
Skin cancer in a one-year old child. P. D. Tuliaganov. Med. zhur. Uzb. no. 9:63 S '61.

INFANTS—NUTRITION
Clinical experimental data on the significance of fully adequate nutrition for the prevention of disorders in the physical development of infants [with summary in English]. M. I. Olevskii Vop. pit. 21 no. 1 38-44 Ja-F '62

INFANTS (NEWBORN)
Prevention of staphylococcal diseases in mothers and newborn infants by means of immunization with a purified sorbed staphylococcal anatoxin [with summary in English]. A. M. Chelnyi, V. S. Titova, S. A. Zlatkina. Zhur. mikrobiol., epid. i immun. 32 no. 9:27-30 S '61.
Use of micaress for treating asphyxia in newborns. M. I. Shtemberg. Zdravookhranenie 4 no. 6:17-19 N-D '61.

INFANTS (NEWBORN)—DISEASES
Prevention and treatment of pneumonia in newborns. D. I. Iskhakova. Med. zhur. Uzb. no. 2:28-30 F '60.

INFECTION
Influence of the infectious process on the form and some properties of the normal microflora of the macroorganism. I. E. Demikhovskii. Zhur. mikrobiol., epid. i immun. 32 no. 9:140-141 S '61.
Nature of intoxication in anaerobic infection. I. V. Nikonov. Zhur. mikrobiol., epid. i immun. 32 no. 9: 137 S '61.

INFECTION, FOCAL
Importance of chronic focal infection in the course of rheumatism in children in a local sanatorium [with summary in English]. E. I. Voikova. Pediatriia 41 no. 3:22-26 '62.

INFLAMMATION
Effect of some antibiotics on the course of aseptic inflammation [with summary in English]. V. V. Bystrova Antibiotiki 7 no. 1:52-56 Ja '62.
Use of the method of "skin windows" for studying the cytomorphology of inflammatory exudate. A. I. Shchurenkova. Lab. delo 8 no. 2:46-47 F '62.

INFLUENZA
Biochemistry of the thermolabile factor of normal sera activating immune anti-influenza sera [with summary in English]. R. IA. Poltak, A. A. Iakrov. Vop. virus. 6 no. 6:678-684 N-D '61.
Characteristics of the course of influenza during the epidemic of 1959. T. T. Chernaia, E. E. Kormanova. Vrach. delo no. 1:116-121 Ja '62.
Comparative study of the therapeutic effectiveness of modern anti-influenza drugs and methods. Z. I. Krasovitskii. Vrach. delo no. 1:121-122 Ja '62.
Differential diagnosis of influenza. N. I. Morozkin and others. Vrach. delo no. 1:112-116 Ja '62.
Humoral immunity in A_2 influenza and its epidemiological significance N. P. Koriushenko, L. N. Rybinskaia. Vrach. delo no. 1:107-112 Ja '62.
Inter-institute conference of the Academy of Medical Sciences of the U. S. S. R. on the problem of influenza. G. G. Mirkhailov. Zdrav. kazakh 21 no 10:73-75 '61.
Is there an increase in the morbidity from influenza? M. K. Nesterenko. Vop. virus. 6 no. 6 738-740 N-D '61
Use of intramuscular tetracycline injections and erythromycin tablets for treating complicated influenza in children [with summary in English]. L. G. Afonina, B. M. Nemirovskaia. Antibiotiki 6 no 12, 1107-1111 D '61

INFLUENZA—MICROBIOLOGY
Antigenic structure of 24 strains of parainfluenza virus type I Sendai [with summary in English] Khou Ikh'-de (Hou Yih-tê), A. S. Gorbunova. Vop. virus. 6 no 6 691-697 N-D '61
Study of the genetic characteristics of vaccinal strains of the influenza virus type A2 [with summary in English]. V. D. Solov'ev and others Vop. virus 6 no. 6 681-691 N-D '61
Use of fluorescent antibody method for studying the localization of influenza and parainfluenza virus antigens during the process of their multiplication in the cells [with summary in English] V. D. Lotte, F. M. Kirillova. Vop. virus 6 no. 6 656-661 N-D '61.

INFORMATION STORAGE AND RETRIEVAL SYSTEMS
Analysis of the performance of a diode capacitor memory system A. I. Kondalev. Zbir. prats' z obchys. mat. i tekh. 2:60-76 '61
Economic data processing and accounting. G. Popov. Bukhg. uchet 19 no. 2:62-67 F '62.
Experimental diode capacitor memory system. A. I. Kondalev, A. IA. Zubatenko. Zbir. prats' z obchys. mat. i tekh. 2:105-110 '61.

INFORMATION THEORY
Algorithm for converting the recording of the bracket form of formulas to Lukashevych's bracketless form. K. L. IUshchenko, O. I. Kostiuchenko Zbir. prats' obchys. mat. i tekh. 3:84-89 '61.
Algorithms of the formal check of bracket and bracketless forms of recording formulas with single and two-place operations. K. L. IUshchenko, O. I. Mikhailova. Zbir. prats' z obchys. mat. i tekh. 3:90-93 '61.
Artificial languages for biology. D. G. Lakhuti. Soob. LEM AN SSSR no 1:216-240 '60.
Asymptotic expression of transmission speed with high reliability. A. A. Kharkevich. Radiotekhnika 17 no. 1: 76-77 Ja '62.
Certain new methods for constructing "voltage-code" converters [with summary in English]. M. G Reinberg. Avtom. i telem. 23 no. 3:203-213 F '62.
Concerning a certain method for recognizing printed symbols. IU. T. Mytulins'kyi, L. S. Lozyns'kyi. Zbir. prats' z obchys. mat. i tekh. 3:45-51 '61.
Concerning the algorithm of the conversion of structural formulas of organic chemistry to a canonized form. V. B. Borshchev, G. E. Vladuts, V. K. Finn. Soob. LEM AN SSSR no. 1:99-171 '60.
Concerning the automation of the conversion of the names of organic compounds to a standard form, and the conversion of structural formulas to systematic names. A. M. TSukerman, G. G. Stetsiura Soob. LEM AN SSSR no. 1:241-248 '60.
Concerning the "catch" effect of code wheels [with summary in English]. G. I. Panov. Avtom. i telem. 23 no. 2:199-202 F '62.
Concerning the conversion algorithm of a complex compound given in a rational nomenclature to a linear formula. A. L. Seifer, V. S. Shtein. Soob. LEM AN SSSR no. 1:172-183 '60.
Expediency of the introduction of the erasure interval. L. F. Borodin, I. I. Grushko. Radiotekhnika 17 no 3: 37-47 Mr '62.
Gutkin, L. S. [Theory of optimum radio reception methods in the presence of fluctuation noise] Teoriia optimal'nykh metodov radiopriema pri fluktuatsionnykh pomekhakh. Moskva, Gos. energ. izd-vo, 1961. 487 p.
Interference rejection of a receiver producing a combination of self correlation function readings. N. F. Vollerner, N. G. Gutkin, M. L. Karnovskii. Radiotekhnika 17 no. 2:3-9 F '62.
Linear coding of images. B. S. TSybakov. Radiotekh. i elektron 7 no. 3:375-385 Mr '62.
Measurements in the automation of intellectual work. K. B. Karandeev. Izm. tekh. no. 3:1-3 Mr '62.
Methods for algorithmating the conversion of inorganic compounds to formulas. A. L. Seifer. Soob. LEM AN SSSR no. 1:183-204 '60.
Methods of studying the effectiveness of reactions in connection with the quantity of information. Siui Lian'-tsan. Dokl. APN 5 no. 5:81-84 '61
Pre-emphasis and filtration in a channel with varying parameters. V. I. Kulia. Radiotekhnika 17 no. 2: 24-30 F '62.
Principal trends and methods for present-day documentation in the construction of the theories of mathematical logic information search systems. N. I. Stiazhkin. Soob. LEM AN SSSR no. 1:29-66 '60.
Problems concerning the creation of a machine language for geometry N. M. Ermolaeva, IU. A. Shikhanovich. Soob. LEM AN SSSR no 1:2u-2:5 '60
Problem concerning the use of semantic relationships in an information machine. D. G. Lakuti. Soob. LEM AN SSSR no. 1:204-211 '60
Problems in the creation of a machine language for organic chemistry G. E. Vladuts, V. K Finn Soob. LEM AN SSSR no 1:67-90 '60
Problems of mathematical logic in the creation of a machine language for an information machine V. A. Uspenskii Soob. LEM AN SSSR no. 1:5-28 '60
Relationships between codes of different rank. V. V. Ivanov. Soob. Otd. mekh. i avtom. inform. rab. no 2 28-29 '61
Spectral density of the potential in the output of a coincidence cascade M. V. Maksimov Radiotekhnika 17 no 3 61-70 Mr '62
Studying the process of information digestion by man in situations involving choice Report No 1 Effect of the importance of individual signals on the dependence of selection reaction time upon the informational capacity of the signal E. P. Krinchik Dokl. APN 5 no. 5: 73-76 '61.

INFRARED RAYS
Effect of infrared light on the luminescence of pure and mixed silver-halide phosphors. V. M. Belous, S. I. Golub. Opt. i spektr. 12 no 2:271-274 F '62.
Infrared luminescence of F-centers in X-rayed fluorite crystals. I. I. Bzhik. Opt. i spektr. 12 no 1:92-94 Ja '62.

INFRARED RAYS—INDUSTRIAL APPLICATIONS
Infrared heating of stock-raising buildings. A. A. Khudenko. Visnyk ABiA URSR no 4:68-69 '61.
Invisible becomes visible. V. Frolov. Kryl. rod. 13 no. 1 30-31 Ja '62.

INGOT MOLDS
Calculation of heat processes connected with the molding of steel ingots L. S. Rudoi Izv. vys. ucheb. zav. chern. met. 5 no. 1:57-60 '62.

INGULETS REGION—BISMUTH ORES
Native bismuth in the Pre-Cambrian of the Krivoy Rog [with summary in English]. F. I. Solovieva Dop. *AN URSR no. 2:237-240 '62.*

INGURI HYDROELECTRIC POWER STATION
The Inguri Hydroelectric Power Station. T. G. Gegelia, I. A. Amiredzhibi. Gidr. stroi. 32 no. 12:4-8 D '61.

INGURI HYDROELECTRIC POWER STATION—BUILDING
Construction of the Inguri Hydroelectric Power Station. Gidr. stroi. 32 no. 12:46 D '61

INGURI RIVER—POWER UTILIZATION
Plan for the development of the Inguri River. A. A. Bashkirov, P. V. Dzhordzhadze. Gidr. stroi. 32 no. 12:1-3 D '61.

INHERITANCE AND SUCCESSION
(see also subdivision under Uzbekistan)
The rights of private property and inheritance in the "Basic Principles of the Civil Law of the U. S. S. R. and *the Union Republics,*" B. *Antimonov, K. Grave. Sov.* inst. no. 3:2-4 F '62

INHIBITION
Age characteristics of inhibition of verbal reactions in children. M. V. Sokolova. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. 8:20-27 '61.
Central inhibition and acute pulmonary edema. D. F. Plotsityi, A. M. Monasenkov. Dokl. AN SSSR 142 no. 4: 865-867 F '62.
Comparative physiological characteristics of extinguishing inhibition [with summary in English]. T. P. Shliafer. Zhur. vys. nerv. deiat. 11 no. 4:753-758 Jl-Ag '61.
Localization of some forms of conditioned and unconditioned inhibition [with summary in English]. I. I. Tokarenko. Zhur. vys. nerv. deiat. 11 no. 4:703-710 Jl-Ag '61.

INHIBITION (CHEMISTRY)
Formation of inhibitor radicals in the oxidation of polypropylene. A. L. Buchachenko, M. S. Khlopliankina, M. B. Neiman Dokl. AN SSSR 143 no. 1:146-149 Mr '62.

INJECTIONS, HYPODERMIC
Treatment of endarteritis obliterans by subcutaneous administration of novocaine and blood transfusions. I. I. Khozhainov, I. I. Bulynin, M. D. Lapin. Nov. khir. arkh. no. 4:78-81 Jl-Ag '60.

INJECTIONS, HYPODERMIC—EQUIPMENT AND SUPPLIES
Apparatus for infusion. V. G. Morozov. Kaz. med. zhur. no. 6:77-78 N-D '61.

INJECTIONS, INTRAVENOUS
Intravenous drip administration of a novocaine solution in the treatment of endarteritis obliterans. I. S. Vasilenko. Nov. khir. arkh. no. 4:74-78 Jl-Ag '60.

INJURIES FROM ELECTRICITY see Electricity, Injuries from

INLAND NAVIGATION see also subdivision 'Navigation' under *Northern Dvina River*

INLAND WATER TRANSPORTATION

Bogdanov, B. V., and M. G. Gal'perin [Sectional barge trains for propulsion by pushing] Sektsionnye sostavy, dlia vedzhdeniia sposobom tolkaniia. Moskva, Izd-vo "Rechnoi transport," 1961 144 p

From one sea to the other. Vokrug sveta no. 1 28-29 Ja '62

Russia (1917- R.S.F.S.R.) Ministerstvo rechnogo flota. [Regulations for the technical operation of the R.S.F.S.R. river transportation fleet, January 29, 1960] Pravila tekhnicheskoi ekspluatatsii rechnogo transporta RSFSR. Vvedeny v deistvie prikazom ministra rechnogo flota No. 12 ot 29 Ianvaria 1960 g. Moskva, Izd-vo "Rechnoi transport," 1961. 104 p.

INOCULATION see Vaccination

INSANE—LAWS AND LEGISLATION

Scientific elaboration of legislation on mental patients. A. IA. Dorsht Probl sud psikh 9 494-502 '61

INSANE, CRIMINAL AND DANGEROUS

Carrying out compulsory treatment. Z. G. Us. Probl. sud psikh. 9,70-84 '61

Discussion. A. A. Perel'man and others. Probl. sud. psikh. 9,230-235 '61.

Discussion. A. IA. Dorsht and others. Probl. sud, psikh. 9,94-99 '61.

Measures of organs of the public health system in preventing socially dangerous acts of mental patients. IA. M. Kalashnik. *Probl. sud psikh. 9-58-72 '61.*

Present status of the problem of measures of a medical character and of some necessary revisions in the operation instruction on the order of applying compulsory treatment. N. N. Timofeev. Probl. sud. psikh 9;73-78 '61

Some problems arising during the practical application of compulsory treatment. P. V. Blinov *Probl sud.* psikh. 9 85-92 '61.

INSANITY, DELUSIONAL see Paranoia

INSCRIPTIONS, ARABIC see subdivision under Termez

INSECTICIDES

Brief report on testing new preparations for controlling pests and diseases of agricultural crops. Trudy AzSTAZRa 1 135-142 '60

Chlorinated insecticides made from hexachlorocyclopentadiene. L. G. Vol'fson, L. M. Kogan Khim. prom *no* 10:8-13 O '61

Diethylamide of the metatoluic acid (DETA preparation), an effective repellent. IA. A. Mandel'baum, Kh. E. Khobelan. Khim prom. no. 10;22-26 O '61.

Mechanized station for preparing insecticide and fungicide solutions. N. Fliger. Tekh v sel'khoz 23 no 2-20-23 F '63.

New insecticides acting on contact. S. A. Roslavtseva, IA. A. Mandel'baum, P. V. Popov. Khim prom no 10; *14-15 O '61*

Organic insecticide-fungicides. Part 61. Synthesis of *some* mixed ethyl mercaptoethyl thiophosphates. IA. A. Mandel'baum and others. *Zhur. ob. khim. 31 no. 12* 3947-3949 D '61

Organic insecticide-fungicides. Part 62: Synthesis of new derivatives of phosphonoacetic acid. N. N. *Mel'nikov* and others. Zhur. ob. khim. 31 no. 12;3949-3953 D '61.

Organic insecticide-fungicides. Part 63: Synthesis of *some derivatives* of phosphinic acids. N. N. Mel'nikov, IA. A. Mandel'baum, Z. M. Bakanova. Zhur. ob. khim. 31 *no. 12;3953-3955 D '61*

Phosphamide, a highly effective insecticide. N. N. Mel'nikov and others. Khim. prom. no 10;17-20 O '61

Recovery of insecticidal preparations in aryl esters of the N-alkyl carbamic acid. N. N. Mel'nikov and others. Khim. prom no. 10;15-17 O '61

Some trends in studying the mode of action of *phosphorus containing* organic insecticides. N. N. Mel'nikov. Khim. prom. no. 10;20-22 O '61.

Using chemists' weapons IUn tekh. 6 no. 2-18-20 '62.

Vasilkov, V. L., ed. [Methods for studying disinfectant, insecticidal and derating preparations] Metody *issledovaniia dezinfektsionnykh*, dezinsektsionnykh i deratizatsionnykh *preparatov* Moskva, Medgiz, 1961. 235 p. (DNLM)

INSECTICIDES—TOXICOLOGY

Experimental data on the toxicological characteristics of *methylethylthiophos*. *N. K. Statsek*, T. N. Pan'shina. Gig. truda i prof. zab no. 2,53-55 '62.

INSECTIVORA—PARASITES see Parasites—Insectivora

INSECTS—FOOD

Effect of growth-promoting substances on phytophagous insects. N. M. Edel'man, A. M. Efros. Dokl. AN SSSR 142 no. 5;1172-1175 F '62.

INSECTS, AQUATIC—PARASITES see Parasites—Insects, Aquatic

INSECTS, INJURIOUS AND BENEFICIAL see subdivision under Karelia, Ukraine, Western

INSECTS, INJURIOUS AND BENEFICIAL—BIOLOGICAL CONTROL see subdivision under Kuba District

INSTRUMENT INDUSTRY see subdivision under Armenia

INSTRUMENT INDUSTRY—CONGRESSES

Scientific and technical conference on ways of reducing the time needed for adopting new devices in the instrument manufacturing industry I. Mamaev. Biul nauch inform trud i zar plata 5 no 1 54-55 '62.

INSTRUMENT LANDING SYSTEMS

Instrument landing. S. G. Dedukh. Vest. Vozd. Fl. no 10,58-61 O '61

INSTRUMENT MANUFACTURE

Advanced technology in metal working. S. Ilin. Prom. Arm. 5 no. 2;43-48 F '62

Novgunovskii, IA. L., and L. V. Svechnikov. [Mechanization and automation of control operations in the manufacture of machines and instruments] Mekhanizatsiia i avtomatizatsiia kontrol'nykh operatsii v mashinostroenii i priborostroenii Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961 313 p.

Mechanization of assembling operations at the "Tizpribor" Plant E. S. Bogoroditskii, V. S. Sushkin. Priborostroenie no 2;22-23 F '62.

INSTRUMENT MANUFACTURE—CONGRESSES

Scientific and technical conferences on the *manufacture of* instruments. Priborostroenie no 2;32 and 3 of cover F '62.

INSTRUMENTATION AND ORCHESTRATION (BAND)

Lysan', G. A. [Reading scores and instrumentation for brass bands] Chtenie partitur i instrumentovka dlia dukhovykh orkestrov. Moskva, TSentr. dom nar. tvorchestva im. N. K. Krupskoi, 1961 114 p

INSTRUMENTS

Kamenetskii, V. IA. [Manufacturing machine and instrument parts from capron] Izgotovlenie detalei mashin i priborov iz kaprona. Moskva, Mashgiz, 1961. 80 p.

INSTRUMENTS—STANDARDS

[Types and basic parameters of instruments and automatic controllers in the state *standards of the U. S. S. R.*] Tipy i osnovnye parametry priborov i avtomaticheskikh regulatorov v gosudarstvennykh standartakh *SSSR*. Izdanie ofitsial'noe. Moskva, Gos. izd-vo standartov, 1961. 751 p.

INSTRUMENTS OF WAR see Munitions

INSULATING MATERIALS see subdivision under Rostov Province

INSULATING MATERIALS—TESTING

Automatic instrument for determining the coefficient of heat conductivity of building materials and *heat insulating* materials. B. V. Spektor, V. I. Riazantsev, G. A. Kozachenko. Zav. lab. 28 no. 1;104-105 '62.

INSULATING OILS

(see also subdivision under Armenia)

Heating of the oil and drives of 35 to 110 kv. *cutouts* during winter operation. A. F. Chlatiakov. Energetik 10 no. 3;8 Mr '62.

Stabilization of reclaimed transformer oils by adsorbents, activated by gaseous *ammonia*. *I. V. Brai.* Energetik 10 no. 2;26-28 F '62.

Use of the *VTI-1 additive* for increasing the life of transformer oil in oil filled inlets. A. P. Veselovskii. Energetik 10 *no. 2 29-30 F '62.*

INSULATION (HEAT)

Nomenclature and characteristics of thermal *insulating materials* for insulating pipelines, thermal networks, *and equipment* in electric power plants. Energetik 10 no. 2,40 F '62.

Nomenclature *and characteristics* of thermal insulating materials for pipelines, thermal *networks*, and equipment of electric power plants. Energetik 10 no. 3;39-40 Mr '62.

Rapid determination of the temperature *dependence* of heat conductivity of fibrous and loose materials. E. S. Platunov. Izv. vys. ucheb. zav.; prib 5 no 1;110-117 '62.

INSULIN

Treatment of diabetes with long-action insulin and sulfanilamide *preparations*. M. I. Dashkevich. Zdrav. Bel. 7 no. 6;37-39 Je '61.

Lichko, A. E. [Insulin comas; clinical aspects, mechanisms of development and insulin shock treatment of psychoses] Insulinovye komy; klinika, mekhanizmy razvitiia, insulinoshokovoe lechenie psikhozov. Moskva, Izd-vo Akad. nauk SSSR, 1962, 259 p. (DNLM)

Pressure in the central artery of the retina in schizophrenia during treatment with insulin, aminazine and reserpine [with summary in French]. K. F. Manukov *chenko Zhur nevr i psikh* 61 no 11 1690-1704 '61

INSURANCE, AGRICULTURAL

Kotenin, E. V. [Economic significance of insuring collective farm property] Ekonomicheskoe znachenie strakhovaniia imushchestva kolkhozov. Moskva, Gosfinizdat, 1961. 65 p.

INSURANCE, LIABILITY

Liability insurance. V. Rakhmilovich. Sov. kust no 4, *21-22 F '62*

INSURANCE, PROPERTY see subdivision under Dzerzhinskiy District

INSURANCE, SOCIAL

(see also subdivision under Lipetsk Province, Ul'yanov Province; United Arab Republic; United States)

Charter of social insurance. Okhr. truda i sots. strakh. 5 no. 2;7-10 F '62.

Fiftieth anniversary of Lenin's program for workers' insurance. V. Leont'ev. Sots. obesp. 23 no. 1 9 11 Ja '62.

Follow-up on our articles. Okhr. truda i sots. strakh. 4 no 2 20 F '62.

Forty years after the decree on *social insurance*. L. Reznik Neftianik 7 no. 1;24 Ja '62.

Glorious 50th anniversary. A. Ankudinov. Okhr. truda i sots. strakh. 5 no 1;6-7 Ja '62.

Let's increase the role of public workers in the administration of social security. Okhr. truda i sots. strakh 5 no 2;1-3 F '62.

Majestic prospects. N. A. Murav'eva. Sots. obesp. 23 *no. 1 1-3 Ja '62.*

Today and tomorrow of social insurance. V. Zvonarev. Sots. obesp 23 no. 2;1-4 F '62.

INSURANCE, SOCIAL—BIBLIOGRAPHY see Bibliography—Insurance, Social

INSURANCE, SOCIAL—EMPLOYEES

(see also subdivision under Moscow)

The head of the district department of social insurance organizes the work. A. Nazarov. Sots. obesp. 23 no. 1;12-15 Ja '62.

How claims should and should not be checked. Sots. *obesp. 23 no 2;62-63 F '62.*

INSURANCE, SOCIAL—PERIODICALS

Correspondence conference of our readers. Okhr. truda i sots strakh. 5 *no. 2;39 F '62.*

INSURANCE, UNEMPLOYMENT

Borisov, G. IA., and L. N. Gorovatyi. [Unemployment aid for workers and office employees during *temporary* loss of working capacity; questions and answers] Posobiia rabochim i sluzhashchim po vremennoi netrudosposobnosti v voprosakh i otvetakh. 2. izd., ispr. i dop. Moskva, Gos. izd-vo jurid. lit-ry, *1961*. 130 p.

INTEGRAL CALCULUS see Calculus, Integral

INTEGRAL EQUATIONS

Asymptotic behavior of the eigenvalues of a linear integral equation with a discontinuous kernel G. M. Mirina sova. Dokl. AN SSSR 142 no. 5;1022-1025 F '62

Concerning a certain algorithm for calculating the *constant* of the Shwarz-Christoffel integrals. L. M. Ivanishe. Zbir. prats' z obchys. mat. i tekh. *3;13-18 '61.*

First order integral equations and approximate solution to the inverse problem of a potential. V. K. *Ivanov*. Dokl. AN SSSR 142 no. 5;998-1000 F '62.

Index of systems of two-dimensional singular integral equations. A. I. Vol'pert. Dokl AN SSSR 142 *no. 4* 776-777 F '62.

Some correct problems for ultrahyperbolic and wave equations with data on the characteristic cone. A. K. Blagoveshchenskii. Dokl. AN SSSR 140 no. 5;999-1000 O '61.

Stability of solutions to integral equations. A. Pratov. *Issl. po int.-diff. uravn. v Kir.* no 1;201-212 '61.

INTEGRALS

A-integrals of the Cauchy type. G. A. Khuskivadze. Soob. AN Gruz. SSR 27 no. 6;663-670 D '61.

Derivative and integral from a general point of view. G. P. Tolstov. Dokl. AN SSSR 142 no. 5;1040-1042 F '62.

Order of *convergence* of *singular integrals*. R. O. Mamedov. Dokl. AN Azerb. SSR 17 *no. 12;1127-1131 '61.*

Order of convergence of singular integrals in Lebesgue's points of a given order. R. O. Mamedov. Dokl. AN *Azerb. SSR 17 no. 11;1005-1008 '61.*

Smolianskii, M. L. [*Tables of indefinite integrals*] Tablitsy neopredelennykh integralov. Moskva, Gos. izd-vo fiziko-matem. lit-ry, *1961. 108 p.*

Using the Cauchy-Vorobichagin method to solve integrals of the *Maxwell-Moore* type. V. P. Lyakov. [Trudy] NIIOSP no. 41;4-6 '60.

IFFERENTIAL EQUATIONS
T. Vazhevskii's topological principle for inte-ential equations. V, D, Fedorov. Issl, po int, -v Kir no. 1 111-132 '61
theory of integrodifferential equations. I, N. v. Issl. po int -diff urav, v Kir no 1:251-263
e evaluation of solutions to linear integrodiffer-uations. IU, A, Ved' Issl po int -diff urav, v 1,55-75 '61
of the solutions to integrodifferential equations small parameter at the highest derivative. liev. Issl. po int, -diff urav, v Kir. no, 1: '61.
on the solution to a certain problem for inte-ential equations, L, E, Krivoshein. Issl, po uruv, v Kir, no 1:177-189 '61
for the existence of an almost periodic solu-certain class of integrodifferential equations, tushenko. Issl, po int, -diff, uiav, v Kir 166 '61
of asymptotic solutions to second-order inte-ential equations, IU, A, Ved', Issl po int - v Kir. no, 1:77-102 '61.
'anal solutions of one integrodifferential equa-aining a parameter [with summary in English]. URSR no, 1,18-22 '62.
ethod for solving systems of linear integrodif-equations I, E, Krivoshein. Issl po int - v Kir. no, 1:101-109 '61.
oundary value problem for a linear integrodif-equation. IU, A, Ved', V, Z, Merenkov, Issl iff. urav, v Kir. no, 1:243-249 '61.
ptotic property of solutions to linear integro-ial equations. IU, A, Ved', Issl, po int-diff ir. no 1:103-110 '61.
olutions to integrodifferential equations. IA, V, M, Imanaliev Issl, po int, -diff, urav, v Kir, 158 '61.
olutions to nonlinear systems of integrodiffer-uations with a small parameter. M, Imanaliev, nt, -diff, urav, v Kir. no, 1:139-144 '61.
of the solutions to a certain class of integro-ial equations I, A, Finkel', Issl po int, - v Kir. no, 1:265-273 '61.
the solution to a certain class of integrodiffer-uations with delayed argument. G, F, IAkov-sl, po int, -diff, uiav, v Kir. no, 1:167-176 '61
lems in the qualitative theory of integrodiffer-uations. IA, V, Bykov Issl, po int, -diff urav, o, 1:3-54 '61.

TUALS
ed article on the Russian intelligentsia. R, E, Vop, ist, no, 3:190-191 Mr '62.

NCE LEVEL—TESTING see Mental tests

NCE OF ANIMALS see Animal intelligence

NGEABLE MECHANISMS—STANDARDS
ability of machine parts by weight. M, G, Standartizatsiia 26 no, 2 3-9 F '62

JECTED ELECTRIC UTILITY SYSTEMS
control of the performance of large consoli-ctric power systems according to their fre-d real power. M, D, Kuchkin. Elektrichestvo 4 Mr '62.
for calculating the load distribution in electric tems with hydroelectric power stations. S, V, M, Pavlov, V, A, Siabikov. Elektrichestvo 9 Mr '62,
r calculating the optimum operating conditions dated electric power systems using present-d computers, V, S, Shakhanov. Elektrichestvo Mr '62

AL NERVES see Nerves, Intercostal

ECORATION
ur life, O, Turchenko. Nauka i zhyttia 11 18 D '61.
ina, A, N. [Furnishing an apartment] Blagou-kvartiry. Moskva, Izd-vo M-va kommun. FSR, 1961. 80 p.
[Art and everyday life] Iskusstvo i byt. Sovetskii khudozhnik, 1961. 36 p. (Besedy ve, no, 6)
evening. I. Bakhterev. Neva no. 10:174-183

LLIC COMPOUNDS
of compounds in binary sulfide systems. loy. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl., Ja-F '62.
O, T., IU, B, Padorno, and V, P, Dzhanov-ndard X-ray patterns of hard and high-loys] Etalonni rentgenogramy tverdykh i kh spoluk. Pid red. H. V. Samsonova. Kyiv, nd. nauk URSR, 1961. 62 p.
rmal method of producing manganese-bismuth llic compounds. E. M. Natanson, V. V. Bushin, tsova. Dokl. AN SSSR 143 no. 1:126-129 Mr

, Laves phases in the system C Zn, Ga, In, Ge uk, V. IA. Markiv. Kristallografiia 7 no. 1: 162.

INTERNAL FIXATION IN FRACTURES
Gunshot fractures of the hip in irradiated animals treated by metallic osteosynthesis without the use of antibiotics [with summary in English] L, M, Kotel'nikov, V, S, Turusov Arkh pat no, 2 65-70 '62.
Indications for metallic osteosynthesis in combined injuries. B, A, Matveev, G, G, Slovetskii Voen, -med zhur. no, 9:68-69 Ag '61
"Intraosseous fixation with a metallic pin in fractures of the long bones" by IA G Dubrov. Reviewed by D,K. IAzykov Ortop , travm, i protez no, 12:57-58 '61.
Metallic osteosynthesis in bone fractures in children. Z, G, Dzhabiev, D, M, Mamedov, T, Kh, Tagieva. Vest khir. no 12,57-59 '61
Osteoplasty and intramedullary nailing in the treatment of unknit fractures and pseudarthroses. R, IA IAkubov. Ortop., travm, i protez. no, 1 13-18 '62.
Osteosynthesis in fractures of the clavicle. N, IA. Vaisfel'd Voen -med, zhur no 8,61 Ag '61
Pseudarthroses of the femoral neck and their osteosynthesis with metal nails. D, I Chopchik Ortop., travm i protez. no, 1 19-23 '62.
Surgical fixation of the spine in uncomplicated compressive fractures of the corpus vertebrae; preliminary report. IA L, TSivtian, E, A, Ramikh Ortop., travm, i protez no, 12 48 '61.
Treatment of fractures of the long tubular bones by osteosynthesis using bone and metal pins according to data from the Surgical Department for a ten year period (1949-1958). F, A, Burdyga. Med, zhur Uzb. no 11: 35-39 N '61.
Treatment of medial fractures of the femoral neck using a three-pronged metal pin. A, F, Kechin. Med, zhur. Uzb. no, 11:71 N '61
Treatment of unknit fractures and pseudarthroses of the femoral neck by osteosynthesis with 3-pronged nails. V, M, Lirtsman. Ortop., travm, i protez no, 1 23-28 '62.

INTERNAL MEDICINE see Medicine, Internal

INTERNAL SECURITY see subdivision under United States

INTERNATIONAL AGENCIES—HANDBOOKS, MANUALS, ETC.
Akademiia nauk SSSR. Institut mirovoi ekonomiki i mezhdunarodnykh otnoshenii. [International economic organizations; handbook] Mezhdunarodnye ekonomicheskie organizatsii; spravochnik. 2., dop. izd. Moskva, Izd-vo Akad. nauk SSSR, 1962. 1108 p.

INTERNATIONAL COMPETITION see Competition, International

INTERNATIONAL GEOPHYSICAL YEAR, 1957-1958
Variation of the rate of the earth's axial rotation during the International Geophysical Year and International Geophysical Cooperation [with summary in English]. N, N, Pavlov, G, V, Staritsyn Astron, zhur. 39 no, 1: 128-134 Ja-F '62.

INTERNATIONAL LAW—BIBLIOGRAPHY see Bibliography—International law

INTERNATIONAL RELATIONS
Evaluation of the new forms of international economic and political relations in the program of the CPSU. G, M, Kharakhash'ian. Vest. Mosk. un, Ser, 8 Ekon , filos 17 no, 2,3-11 Mr-Ap '62.
Noninterference into the internal policy of foreign states is the principal condition for peaceful coexistence. A N, Talalaev. Vest, Mosk, un, Ser, 10: Pravo 17 no, 1: 47-55 Ja-Mr '62.

INTERNATIONAL RELATIONS—BIBLIOGRAPHY see Bibliography—International relations

INTERNATIONALISM
Inculcating the principles of proletarian internationalism in students during Soviet history classes and extracurricular work. V, Arlou. Nar, asv. no, 1:38-44 Ja '62.
Vynnychenko, I, A, [Be an internationalist!] Bud' internatsionalistom. Kyiv, 1961. 45 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR, Ser, 10, no, 11)

INTERPARLIAMENTARY UNION
A meeting in Weimar, P, Lobanov, Sov, deput, trud, no, 2:107-110 F '62.

INTERSEXUALITY see Hermaphroditism

INTERVERTEBRAL DISK—SURGERY
Clinical aspects and treatment of lumbar intervertebral disk prolapse as a surgical problem. Report No 3, A, I, Arutiunov, M, K, Brotman. Nov, khir, arkh. no, 4: 3-17 Jl-Ag '60.

INTERVIEWING (JOURNALISM)
Sukontsev, A, A, [Your notebook] Tvoia zapisnaia knizhka, Moskva, Gos, izd-vo polit, lit-ry, 1961, 60 p, (Biblio-techka zhurnalista)

INTESTINAL AND PARASITIC WORMS see Worms, Intestinal and parasitic

INTESTINES
Characteristics of nutritional hyperglycemia and the absorption of glucose by the intestine in a vegetative ganglionic block produced by ganglionlytic preparations I, A, Drzhevetskaia, Fiziol zhur 48 no 2:207-212 F '62.
Characteristics of the development of atypical intestines in the carp [with summary in English] H, S Shuliak Dop AN URSR no, 1,121-127 '62
Dietic treatment of peptic ulcer and chronic gastritis and the conditions of the intestines [with summary in English]. A V, Frol'kis. Vop pit. 21 no 1:18-22 Ja-F '62.
Electron microscope study of the structure of the smooth muscle tissue of the intestinal wall in Triton [with summary in English]. I, B, Pavlova, N, M, Sheatopalova, V, N, Reingol'd, Arkh, anat, gist embr. 40 no 6:64-70 Je '61
Mechanism of the transition of the blastocelic fluid into the cavity of the primary gut in sturgeon embryos A, I Zotin, Dokl AN SSSR 142 no 4 968-971 F '62.

INTESTINES—ABNORMITIES AND DEFORMITIES
Significance of anomalies of the intestine for selecting the type of anastomosis in gastric resections [with summary in English] A, A Troitskii. Khirurgiia no 2 91-95 '62

INTESTINES—BLOOD SUPPLY
Architectonics of the intramural blood vessels of the large intestine in man and the hindgut of some animals [with summary in English]. M, I, Urmanov. Arkh, anat, gist, embr, 40 no, 6:71-81 Je '61.

INTESTINES—CANCER
Acute obstruction owing to primary cancer of the small intestine. A A Aslanian. Nov khir, arkh no 3:69 My-Je '60.
Total removal of the colon and rectum in polyposis with malignization of polypi. I, M, Miloslavskii. Nov, khir, arkh. no, 4:102-104 Jl-Ag '60.

INTESTINES—DISEASES
(see also subdivision under Alma-Ata)
Case of constriction of the appendix, the loop of the small intestine and the omentum in femoral hernia. O, Charyev, K, S, Atanlazova. Zdrav, Turk. 5 no, 6: 25-26 N-D '61.
Clinical significance of studying serum glycoproteins in some chronic intestinal diseases. M, V, Budinskii. Terap, arkh. no, 9:101-105 '61.
Diverticulosis of the small intestine. A, P, Lebedev. Vest, rent, i rad. 36 no, 4,80-81 Jl-Ag '61.
Enzyme excretion function of the small intestine in chronic enteritis and enterocolitis [with summary in English]. K, B, Bakhadyrov Vop, pit. 21 no, 1:29-33 Ja-F '62.
Etiology of gastrointestinal diseases in children. P, G, Podgornova, Med, zhur, Uzb. no, 2:23-26 F '60.
Hemorrhagic gangrene of the entire small intestine due to tuberculous pylethrombosis N, P, Shramko. Nov, khir, arkh. no, 4:99-101 Jl-Ag '60.
Interinstitute conference on the problem of "intestinal infections." Zhur, mikrobiol., epid, i immun. 32 no, 9:152 S '61.
Intestinal phlegmons. V, M, Grishkevich. Zdrav, Bel. 7 no, 6:48-49 Je '61
Phlegmon of the intestine. A, E, Aronin. Nov, khir. arkh. no 1:80-84 Ja-F '60.
Phlegmon of the small intestine. D, N, Tikhomirov. Nov, khir, arkh. no 3 86 My-Je '60.
Resolution. Zhur, mikrobiol., epid, i immun. 32 no, 9: 152-155 S '61.
X-ray diagnosis of lesions of the small intestine in lymphogranulomatosis. L, M, Savinykh. Med, zhur. Uzb. no, 12,77 D '61.

INTESTINES—INNERVATION
Reaction of some unconditioned interoceptive reflexes as a result of the application of tetracycline at the level of splenic and intestinal interoceptors [with summary in English]. G, G, Popovich and others. Antibiotiki 6 no, 12:1063-1070 D '61.
Sensitivity of the receptors of the small intestine to potassium ions. L, A, Baraz. Dokl, AN SSSR 140 no, 5:1213-1216 O '61.

INTESTINES—INTUSSUSCEPTION
Case of eventration of Meckel's diverticulum through the umbilical ring with invagination and eventration of the loops of the small intestine through the diverticulum in a 20-day old infant. D, S, Karimov. Med, zhur, Uzb. no, 2:70 F '60
Case of intussusception of the entire large intestine into the sigmoid, flexure and two eventrations of the intestine in the postoperative period. V, V, Stepaniants. Zdrav, Turk. 5 no, 6:27 N-D '61.
Resection of the ileocecal angle with part of the ascending colon in invagination in an infant. B, G, Broderzon. Zdrav, Bel. 7 no, 8:61-62 Ag '61.

INTESTINES—MICROBIOLOGY
Concentration of antibiotics from the tetracycline series after their intramuscular administration in acute dysentery and the state of the intestinal microflora during this method of treatment [with summary in English]. V, N, Krasnogolovets. Antibiotiki 7 no, 2 170-182 F '62.

INTESTINES—OBSTRUCTIONS

Acute obstruction owing to primary cancer of the small intestine A A Aslanian Nov khir arkh no 3 89 My-Je '60

Al'tshul', A. S. [Mechanical obstruction of the intestines] Mekhanicheskaia neprokhodimost' kishechnika; klassifikatsiia, patogenez, klinika i lechenie. [Leningrad] Medgiz, 1961. 251 p. (Biblioteka prakticheskogo vracha) (DNLM)

Cholelithic ileus N. K. Mitropol'skii. Nov. khir. arkh. no 1 113-114 Ja-F '60.

Intestinal obstruction in a child caused by evagination through a fecal fistula Kh I. Fel'dman Nov. khir. arkh no. 3 91 My-Je '60

Volvulus. I. U. Ibadov. Fel'd. i akush. 26 no. 11:11-15 N '61.

INTESTINES—RADIOGRAPHY

Clinical and roentgenological signs of cancer of the cecum and ascending colon [with summary in English]. L. P. Simbirtseva Vop onk. 7 no 7 74-83 '61

Method for X-ray examination of the large intestine using tannin [with summary in English]. L. P. Simbirtseva Vest. rent i rad 36 no. 4 56-59 Jl-Ag '61

X-ray diagnosis of renal-intestinal fistulas A V Savelov. Vest rent i rad 36 no 6 66 N-D '61

X-ray observations of intestinal function after gastrectomy [with summary in English]. IU. M. Pentsyrev Vest. rent i rad. 36 no 4 44-49 Jl-Ag '61.

INTESTINES—SURGERY

Airtightness of intestinal sutures A A Zaporozhets Dokl. AN BSSR 6 no 1 65-68 Ja '62

Case of extensive resection of the intestine. P. K Bolchuk. Nov khir arkh no 3 89-90 My-Je '60

Digestive apparatus after extensive resection of the intestine [with summary in English] G. L. Aleksandrovich. Sov med 25 no 12:35-41 D '61.

Enterostoma as a trophic fistula. P. I. Androsov. Vest. khir. no. 2 40-45 '62

Extending the limits of permissible resections of the small intestine. V. D. Bratus' Nov. khir arkh. no 4: 48-52 Jl-Ag '60.

New modification of the V-shaped anastomosis [with summary in English] A. A Shalimov. Vest khir. no. 2 54-57 '62

Resection of the ileocecal angle with part of the ascending colon in invagination in an infants B G. Broderzon. Zdrav. Bel. 7 no 8.61-62 Ag '61.

Total removal of the colon and rectum in polyposis with malignization of polypi. I. M. Miloslavskii. Nov. khir. arkh. no 4.102-104 Jl-Ag '60

Two cases of extensive resection of the small intestine. L. A Shifrin Nov khir. arkh. no. 3 86-88 My-Je '60

Use of plastic surgery of the small intestine in surgery on the urinary tracts. A. I. Pavlov. Nov. khir. arkh. no. 1 55-59 Ja-F '60

INTESTINES—TRANSPLANTATION

Plastic surgery using the small intestine in repeated interventions for diseases of the stomach surgically treated previously. E. I. Zakharov, O. O. Lavrov Nov. khir arkh. no 2:43-47 '62.

Replacement of a loop of the large intestine with loops of the small intestine in an experiment. S. A. Dalimov. Med zhur Uzb. no. 11:47-49 N '61.

X-ray study of the function of the gastrointestinal tract after plastic repair of the esophagus using the large intestine [with summary in English]. S.G IArtsev. Vest. rent i rad 36 no. 4.53-58 Jl-Ag '61.

INTESTINES—TUMORS

Clinical morphological analysis of polypi of the rectum and sigmoid intestine. F. I. Leshchenko, K. P. Ganina. Nov. khir arkh. no 3:43-51 My-Je '60

Isolated lesions of the small intestine in lymphogranulomatosis V. B Antonovich Vest. rent. i rad. 36 no. 4: 79-80 Jl-Ag '61.

Lesions of the small intestine in lymphogranulomatosis. L. M. Savinykh. Vest rent. i rad. 36 no. 4.77-78 Jl-Ag '61.

INTOXICATION see Drunkenness (Criminal law)

INTRATRACHEAL ANESTHESIA

Combined adapter-holder with tooth spacer for intubation anesthesia. M. S. Pavliuk. Nov. khir. arkh. no. 4:122 Jl-Ag '60.

Complications in intubation anesthesia. F. R. Chernikhovskii. Grud. khir. . no. 5:117-118 '61.

Intubation anesthesia in province and district hospitals. V. M. Velikii, E. M. Borovyi. Nov. khir. arkh. no. 4: 70-73 Jl-Ag '60.

Potentiated combined intratracheal anesthesia in the extirpation of the larynx. S. A. Bogomolov, M. F. Korolev. Vest. otorin. no. 4:31-36 '61.

Principles of anesthesia in thymectomy in myasthenia. IU. B. Nechaev, L. A. Anokhin, N. N. Bulanova. Grud. khir. no. 5:96-102 '61.

Use of intratracheal anesthesia in otorhinolaryngological surgery. A. M. Talyshinskii. Vest. otorin. no. 4:15-20 '61.

INTRATRACHEAL ANESTHESIA—COMPLICATIONS AND SEQUELAE

Some hazards and complications in the use of potentiated endotracheal anesthesia with muscle relaxants E. M. Vovchenk, I. D. Tanasienko Nov. khir arkh. no 4: 52-56 Jl-Ag '60

INTRAVENOUS ANESTHESIA

Use of intravenous and intraosseous anesthesia. IU. S. Kozyrev. Voen.-med zhur no. 8:82 Ag '61.

Use of the ganglion-blocking compound arfonad during surgical operations V. P. Osipov Nov. khir. arkh. no 4:59-64 Jl-Ag '60.

INVARIANTS

Choice of invariant variables for "many-tail" amplitudes [with summary in English]. V. E. Asribekov. Zhur. eksp. i teor. fiz. 42 no. 2:565-576 F '62

Invariant formulation of the gravitational wave field theory [with summary in English]. IU B. Rumer Zhur. eksp. i teor. fiz. 42 no. 2:577-583 F '62.

INVENTIONS

More attention to suggestions for improvements and inventions. G. A. Monakhov. Zdrav. Bel. 7 no. 8:50-51 Ag '61.

INVERTEBRATES—ANATOMY

Development of the vascular system in phylogenesis [with summary in English]. N. G. Khlopin. Arkh. anat. gist. i embr. 41 no. 7:3-20 Jl '61.

INVESTMENTS, AMERICAN see subdivision under Canada; Ukraine

IODINE

Bromine and iodine in natural waters of the White Russian S. S. R. TS. A. Kagan, D. A. Gel'fer. Gidrokhim. mat. 34:86-94 '61.

Effectiveness of treating dysentery with antibiotics in combination with iodinol [with summary in English]. E. P. Shuvalova. Antibiotiki 6 no 12:1111-1114 D '61

IODINE—ISOTOPES

Functional state of the liver in thyrotoxicosis during the course of I^{131} therapy [with summary in English] N. Khamidov. Terap. arkh. no. 7:99-104 '61.

Results of radioactive iodine treatment of thyrotoxicosis. R. I. Vizgina. Vrach. delo no. 1:61-65 Ja '62.

IODINE—THERAPEUTIC USE

Clinical value of the iodine reaction for the diagnosis of early pregnancy. L. A. Kozlov. Kaz med zhur. no. 6.36 N-D '61.

IODINE COMPOUNDS—SPECTRA

Spectrophotometric study of iodine compounds with one positive valence. V. O Mokhnach, N. M. Rusakova. Dokl. AN SSSR 143 no. 1 122-125 Mr '62.

IODINE IN THE BODY

Change in the radioactive iodine absorption curve in athletes as an effect of physical exercise. I. S. Khorol. Teor. i prak. fiz. kul't. 24 no. 10:706-708 '61

IODOMETRY

Quantitative determination of thiourea by iodatometric titration. I. L. Baghanly, I. K. Guseinov. Dokl. AN Azerb. SSR 17 no. 12:1143-1145 '61.

ION EXCHANGE

Removing chlorides from glucose solutions by electrolysis using the ion exchanger membranes. M. I. Shchegreva, A. G Koblianskii Izv. vys. ucheb. zav. ; pishch. tekh. no. 6:49-54 '61.

Semiclassic consideration of the problem of electron exchange in solutions. R. R. Dogonadze. Dokl AN SSSR 142 no. 5:1108-1111 F '62.

ION EXCHANGE RESINS

Dehydration of trimethylcarbinol on ion exchange resins. M. IA. Klimenko, Z. N. Verkhovskaia, L. B. Vystavkina. Neftekhimiia 1 no. 5:630-638 S-O '61.

Ion exchange adsorption of phytopathogenic viruses [with summary in English]. I. G. Atabekov. Vop. virus. 6 no. 6 669-672 N-D '61.

Ion exchange method for the separation of fluorine from rare earths in solutions containing calcium and silicon present together. D. M. Chizhikov and others. Zhur. prikl. khim. 35 no. 2:276-280 F '62.

Polymerization and hydration of diene hydrocarbons on the KU-2 cation exchanger. N. G. Poliankii, T. I. Kozlova. Neftekhimiia 1 no. 5:624-629 S-O '61.

ION ROCKETS

[Ion, plasma, and electric-arc rocket engines. Translated from the English] Ionnye plazmennye i dugovye raketnye dvigateli; sbornik statei. Moskva, Gos. izd-vo lit-ry v oblasti atomnoi nauki i tekhniki, 1961. 405 p.

ION SOURCES

Effect of directional generation of ions from a three-band ion source of a mass spectrometer. M. S. Chupakhin, E. Gradshtain. Dokl. AN SSSR 142 no. 2:337-339 Ja '62.

Three-band ion sources. L. N. Gall' and others. Zhur. tekh. fiz. 32 no. 2:202-207 F '62.

IONIZATION

Certain problems in the theory of polyelectrolytes at a low degree of ionization V G Levich, IU. I IAlamov Dokl AN SSSR 142 no 4 851-854 F '62.

Electron activation of mesic atoms. A. E. Ignatenko, M. G. Petrashku, D. Chultem. Zhur. eksp. i teor fiz 42 no. 2:646-647 F '62.

Ionization of the ionosphere at night (corpuscular hypothesis). G. S. Ivanov-Kholodnyi, L. A. Antonova. Dokl. AN SSSR 140 no. 5:1062-1065 O '61.

Mass-spectroscopic study of the photoionization effectiveness of benzene derivatives in relation to their spectra. M. E. Akopian, F. I. Vilesov, A. N. Terenin. Dokl. AN SSSR 140 no. 5:1037-1040 O '61.

Threshold temperature of surface ionization of cesium on tungsten as a function of the elasticity of cesium vapors. E IA Zundberg, V. I Paleev, A IA. Tontegode Zhur tekh. fiz. 32 no 2 200-213 F '62.

IONIZATION OF GASES

Photo-ionization of excited many-electron atoms and ions [with summary in English]. L. M. Biberman, I. G. Norman, K. N. Ulianov. Astron. zhur. 39 no. 1:107-115 Ja-F '62.

IONIZED AIR see Air, Ionized

IONOSPHERE

(see also subdivision under Gorkiy; Salekhard)

Ionization of the ionosphere at night (corpuscular hypothesis). G. A. Ivanov-Kholodnyi, L. A. Antonova. Dokl. AN SSSR 140 no. 5:1062-1065 O '61.

IONOSPHERIC RADIO WAVE PROPAGATION

Diffusivity of reflection from the F_2 layer of the ionosphere. N. M. Erofeev, E. K. Dubrovskaia. Trudy Fiz tekh. inst. AN Turk. SSR 7:156-161 '61.

IONS

Change in the surface properties of p-silicon following irradiation with lithium ions. M. M. Bredov, A. B. Nuromskii. Fiz. tver. tela 4 no. 2, 562-564 F '62

Mechanism of scattering on impurity ions in Bi_2Te_3 B. A. Efimova, E. V. Kel'man, L. S. Stil'bans Fiz tver. tela 4 no. 1:152-156 Ja '62.

Nuclear interactions of heavy ions. A. TSukker. Usp fiz. nauk 76 no. 2:360-382 F '62.

Oscillations of a cold plasma containing ions of two kinds V. L. IAkimenko. Zhur. tekh. fiz. 32 no. 2:160-170 F '62.

Relaxation times of Cr^{3+} and Fe^{3+} ions in rutile single crystals. A. A. Manenkov, V. A. Militaev, A. M. Prokhorov. Fiz. tver. tela 4 no. 2:388-391 F '62.

Study of the secondary emission provoked by fast neutral atoms of alkali metals U. A. Arifov and others Dokl AN SSSR 143 no. 1:69-71 Mr '62.

IONS—SCATTERING

Interaction of slow positive rubidium and cesium ions with a molybdenum surface [with summary in English] V. I. Veksler. Zhur. eksp. i teor. fiz. 42 no. 2:328-329 F '62.

Some properties of secondary neutral ion emission. U A Arifov, N. N. Fliantis, A. Kh. Aiukhanov. Dokl AN SSSR 142 no. 6:1265-1267 F '62.

IONS—SPECTRA

Interaction between medium energy (10 -100 Kev.) atomic particles and solids; energy spectra of secondary ions [with summary in English]. B. V. Pashin. Zhur. eksp. i teor. fiz. 42 no. 2:313-324 F '62.

IPRONIAZID

Effect of iproniazid on resistance to hypoxemia in mice. K. S. Shadurskii. Zdrav. Bel. 7 no. 8:36-37 Ag '61

IRAN—BOUNDARIES—RUSSIA

History of Soviet-Iranian relations from 1010 to 1026. I. IUsupov. Nauch. rab. i soob. Otd. obshchestv. nauk AN Uz. SSR 2:226-234 '61.

IRAN—ECONOMIC GEOGRAPHY

Gorelikov, S. G. [Iran; economic and geographical features] Iran; ekonomiko-geograficheskaia kharakteristika. Moskva, Gos. izd-vo geogr. lit-ry, 1961. 351 p.

IRAN—FOREIGN ECONOMIC RELATIONS—EUROPE, WESTERN

A trip of the Iranian prime minister through Western Europe. A. Zakharov. Mezhdunar. zhizn' 9 no. 4 121-122 Ap '62.

IRAN—HISTORY

Melikov, O. S. [Establishment of Shah Riza's dictatorial rule in Iran] Ustanovlenie diktatury Reza-Shakha v Irane. Moskva, Izd-vo vostochnoi lit-ry, 1961. 122 p.

IRAN—RELATIONS (GENERAL) WITH RUSSIA

Influence of the annexation of Central Asia to Russia on contiguous Eastern countries (Iran). B. Mannanov. Nauch. rab. i soob. Otd. obshchestv. nauk AN Uz. SSR 2: 214-225 '61.

IRAQ—SMALLPOX—PREVENTION

Preparation for and conduction of mass smallpox vaccination in Iraq with aid from the Soviet Union [with summary in English] A V Zakarian. Vop. virus 6 no. 6 733-735 N-D '61

IRAQ—TRADE UNIONS

For peace, work freedom, and solidarity! Az. i Afr. seg. no. 2:8-9 F '62

IRELAND—HISTORY

Friedrich Engels, researcher in Ireland's ancient history [with summary in English]. L. I Gol'man. Sred veka no. 19 8-31 '61.

Friedrich Engels' unpublished letter to Eugenie Longuet. Sred. veka no. 19:3-7 '61.

IRITIS

Treatment of the severe form of iridocyclitis using alcohol-novocaine retrobulbar anesthesia of the eye N. V. Bekaurl, M. I. Volkova. Sov. med. 25 no 12:133-134 D '61

IRKUTSK—AIRPLANES—MAINTENANCE AND REPAIR

Ground workers had to catch up. A. Vedernikov, V. Chernikov, I. Gralvorontsev. Grazhd. av. 18 no. 11:11 N '61.

IRKUTSK—AIRPORTS

Ground workers had to catch up. A. Vedernikov, V. Chernikov, I. Gralvorontsev. Grazhd. av. 18 no. 11:11 N '61.

IRKUTSK—FLOUR MILLS

Fifty years of the Irkutsk Flour Mill. A. Grabovskii Muk.-elev. prom. 27 no. 12:4 D '61.

IRKUTSK—MEDICINE, INDUSTRIAL

Sick rate will be even lower. A. Fofanov. Okht. truda i sots strakh. 5 no. 2:14-15 F '62.

IRKUTSK—ORTHOPEDIC SOCIETIES

Report on the 46th session of the Irkutsk Society of Traumatologists and Orthopedists. K S Migalina. Ortop., travm. i protez. no. 12 59-60 '61.

IRKUTSK BASIN—COAL GEOLOGY

Types of secondary alterations in sand-gravel rock of coal-bearing layers in the Irkutsk Basin and their possible association with underground waters V. I. Koporulin. Izv. AN SSSR, Ser. geol. 27 no. 3 73-87 Mr '62.

IRKUTSK BASIN—WATER, UNDERGROUND

Types of secondary alterations in sand-gravel rock of coal-bearing layers in the Irkutsk Basin and their possible association with underground waters. V I Koporulin Izv AN SSSR. Ser. geol 27 no. 3 73-87 Mr '62.

IRKUTSK DISTRICT—EDUCATION, COMPULSORY

Compulsory education in a district. M. Bagaev. Nar. obr. no. 2:10 F '62.

IRKUTSK PROVINCE—COURTS

Let's improve the guidance of people's courts. I. Vinogradov. Sov. iust. no. 4:4-5 F '62.

IRKUTSK PROVINCE—FINANCE

Analyze the financial and managerial operations of enterprises more deeply. A. Aiushiev. Fin. SSSR. 23 no. 1:73-76 Ja '62.

IRKUTSK PROVINCE—GOLD MINES AND MINING

Gold plunderers (conclusion). B. Bershadskii. Ogonek 40 no. 7:18-22 F '62.

IRKUTSK PROVINCE—INDUSTRIAL MANAGEMENT

Analyze the financial and managerial operations of enterprises more deeply. A. Aiushiev. Fin. SSSR. 23 no. 1:73-76 Ja '62.

IRKUTSK PROVINCE—PROSPECTING

Mineev, I. K. [Mineral wealth of a native land; practice of conducting a geological field trip in Irkutsk Province] Bogatstva nedr rodnogo kraia; opyt provedeniia geologicheskogo pokhoda v Irkutskoi oblasti. Moskva, Izd-vo "Znanie," 1961. 22 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 12, Geologiia i geografiia, no. 23)

IRON

Distribution of dispersed amounts of manganese, iron, and phosphorus in the manganese-bearing deposits of the Georgian S. S. R. G. IU. Butuzova, L. E. Shterenberg. Dokl. AN SSSR 142 no. 6:1395-1398 F '62.

Separation of large quantities of Fe^{III} from some metals in microgram concentrations. I. T. Klimov. Gidrokhim. mat. 34:128-130 '61.

IRON—ANALYSIS

Polarographic method for determining titanium and iron in titanium-zirconium and iron ores and concentrates. L. N Liubimova, V. G. Sochevanov. Zav. lab. 28 no. 1:15-17 '62.

IRON—HYDROGEN CONTENT

Effect of vanadium and boron on hydrogen solubility in liquid iron. A. M. IAkushev, V. I. IAvoiskii. Izv. vys. ucheb. zav. jchern. met. 5 no. 1:52-56 '62.

IRON—METALLOGRAPHY

Effect of carbon on the migration of grain boundaries during the recrystallization of iron S Z. Bokshtein, S T. Kishkin, L M. Moroz Metalloved i term obr met no 3 8-13 Mr '62

Structural changes during the aging of commercial iron IU A. Skakov, S. K. Maksimov. Metalloved i term. obr met. no. 3 20-24 Mr '62

IRON—METALLURGY

Bannyi, N. P. [Technical and economic calculations in ferrous metallurgy] Tekhniko-ekonomicheskie raschety v chernoi metallurgii. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1962. 380 p.

Reduction of iron from ores in suspension with fountain effect. N.S. Vavilov, L.M.T'Sylev, Chzhao Chun-chzhi [Chao Ch'ung-chih]. Izv. AN SSSR. Otd. tekh. nauk Met. i topl. no. 1:46-53 Ja-F '62.

IRON AGE

(see also subdivision under Chuvashia)

On the work of sections and groups of the Institute of Archaeology of the Academy of Sciences of the U S.S.R. in 1956 A P. Smirnov, G A. TSvetaeva Krat. soob. Inst arkheol no 85 130-142 '61

IRON ALLOYS—MAGNETIC PROPERTIES see subdivision under Armenia

IRON ALLOYS—METALLOGRAPHY

Calculations of thermodynamic carbon activity in iron-carbon-phosphorus alloys. A. A. Zhukov. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 1:36-41 Ja-F '62.

Effect of artificial roughness on the surface graphitization of iron-carbon alloys. V. N. L'vianol. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 1:163-167 Ja-F '62.

IRON AND STEEL PLATES see Plates, Iron and steel

IRON AND STEELWORKERS

(see also subdivision under Zaporozh'ye)

All professions are good - the choice is yours; about our "fiery" profession. N. S. Chernykh IUn. tekh 6 no. 2:21-26 '62.

IRON AND STEELWORKERS—EDUCATION AND TRAINING see subdivision under Odessa

IRON CHLORIDE

Studying conditions for the transformation of the trivalent form of iron chloride into a divalent one. V. A Il'ichev, A. M. Vladimirova. Titan i ego splavy no 5:233-237 '61.

IRON FOUNDING

Casting of piston rings for marine engines. P. L. Gur Lit. proizv. no. 2:8-9 F '62

[Handbook on iron founding of high-strength pig iron] Spravochnik po izgotovleniiu otlivok iz vysokoprochnogo chuguna. [By] A. A. Gorshkov i dr. Pod obshchei red. A. A. Gorshkova. Moskva, Mashgiz, 1961 207 p.

IRON FOUNDING—DEFECTS

Effect of nonmetallic inclusions on the properties of malleable cast iron. P. N. Biduiia, G. IU. Shul'te Izv. vys. ucheb. zav. chern. met 5 no. 1:183-189 '62.

IRON IN THE BODY

Concentration of vitamin B_{12} and iron in blood serum in diseases of the liver. U. I. IUldashev Med zhur. Uzb no. 3 10-12 Mi '60

Variations in serum iron in patients with acute myocardial infarction [with summary in English]. M. I. Zolotova-Kostomarova, L. R. Nozdriukhina. Terap. arkh no 12: 42-51 '61

IRON INDUSTRY see subdivision under Karaganda

IRON MINES AND MINING

(see also subdivision under Kazakhstan; Kerch Peninsula; Krivoy Rog Basin; Kursk Magnetic Anomaly; Mirgalimsay; Olenegorsk region; Sverdlovsk Province)

Increasing the efficiency of the development of inclined beds. L. G. Moshinskii, V. A. Shcheikanov. Gor. zhur. no. 10:46-48 O '61.

Problems and growth prospects of the iron-ore industry. E. F Moskal'kov. Gor. zhur. no. 12:3-4 D '61.

IRON MINES AND MINING—BIBLIOGRAPHY see Bibliography—Iron mines and mining

IRON-NICKEL ALLOYS—MAGNETIC PROPERTIES

Internal friction in an ordered iron-nickel alloy. F. N. Dunaev, G. P. IAkovlev. Izv. AN SSSR. Ser. fiz. 26 no. 2:284-287 F '62.

Magnetic diffusion effect in an iron-nickel alloy studied by the internal friction method. I. B. Kekalo, B. G. Livshits. Izv. AN SSSR. Ser. fiz. 26 no. 2 279-283 F '62.

Temperature dependence of the magnetic properties of elinvar. A. IA. Vlasov and others. Izv. AN SSSR. Ser. fiz. 26 no. 2:287-290 F '62.

IRON ORES

(see also subdivision under Altai Mountains, Kazakhstan; Krivoy Rog, Krivoy Rog Basin; Ukraine)

Dressing iron ores and reteating magnetite concentrates by the re-flotation method with anion collectors. E. L Gristan, IA. M. Turetskii Gor zhur no 12 47-50 D '61.

Krivoy Rog Northern Ore-dressing Combine. D. M. Kostiukov, A. I. Batanov. Gor zhur no. 10:30-34 O '61.

Results of the discussion of I. A. Mizernitskii's article "Annual output of a mining and ore-dressing combine of the iron-ore industry" Gor. zhur. no. 10:35-36 O '61

Using nomograms in recalculating parameters of the consistency of pulp L P. Shupov. Gor zhur no 12:51 D '61.

IRON SULFIDES

Activity of iron in Fe - Ni - S melts S.E Vaisburd, E.F. Verner, V. L. Kheifets. Izv. vys ucheb. zav., tsvet. met 5 no 1 59-67 '62.

IRON SULFIDES—METALLURGY

Effect of SO_3 and H_2SO_4 vapors on the oxidation of FeS I. N. Paikunov Izv. vys ucheb zav., tsvet. met. 5 no. 1: 60-73 '62.

IRON-VANADIUM ALLOYS

Oxide inclusions in iron-vanadium alloys. V. A. Mchedlishvili, A M. Samarin. Dokl AN SSSR 143 no 1:159-161 Mr '62.

IRREVERSIBLE PROCESSES

Lykov, A. V. [Study of heat and mass transfer in a boundary layer using methods involving the thermodynamics of irreversible processes; Conference on Heat and Mass Transfer, Minsk, January 23-27, 1961] Primenenie metodov termodinamiki neobratimykh protsessov k issledovaniiu teplo-i massoperenosa v pogranichnom sloe, soveshchanie po teplo-i massoobmenu, g. Minsk, 23-27 ianvaria 1961 g. [Minsk, 1961] 17 p. [MICROFILM]

[Problems in the quantum theory of irreversible processes. Articles translated from the English. Preface by V. L. Bonch-Bruevich] Voprosy kvantovoi teorii neobratimykh protsessov, sbornik statei. Moskva, Izd-vo inostr. lit-ry, 1961. 365 p. (Problemy fiziki)

IRRIGATION

(see also subdivision under Amu Darya Valley; Fergana; Kazakhstan, Kurgan Province; Turkestan; Uzbekistan)

Zaruiskev, N. V. [Transforming the face of the earth; outline of the development of irrigation] Preobrazhaia oblik zemli; ocherk ob irrigatsionnom stroitel'stve. [Leningrad] Lenizdat, 1961. 107 p.

IRRIGATION CANALS AND FLUMES

Prestressed troughs precast in blocks. IA. A. Izmailov, R. G. Gorskii. Gidr. stroi. 32 no. 12:25-27 D '61.

IRRIGATION FARMING—FINANCE see subdivision under Kuban

IRSHAVA DISTRICT—AGRICULTURE—STUDY AND TEACHING

With the help of a distinguished corn breeder. Petro Bilynets'. Rad. shk. 40 no 2:13 F '62.

IRTYSH DISTRICT—BOOKSELLERS AND BOOKSELLING

Friends of books. P Moriakov. Koop. Kazakh. 4 no. 3: 49-50 Mr '61.

IRTYSH RIVER—HYDROLOGY

Application of hydromorphological relationships in estimating the channel transformations of the Irtysh River resulting from streamflow regulation. L I IAkunin. Trudy GGI no 88:4-58 '61.

Transverse gradients of the water surface of an inundated flood plain (exemplified by the Irtysh River) A. V. Gordikov, M. V. Rossomakhin. Trudy GGI no. 88:100-124 '61.

IRTYSH VALLEY—FOLDS (GEOLOGY)

Gravity folding in the western slope of the Irtysh trough. Z. A. Svarichevskaia, M. S. Ten. Uch. zap. LGU no. 298: 47-55 '61.

IRTYSHSKOYE DISTRICT—RURAL CONDITIONS

We shall have a garden city. V. Eremin. Sel'. mekh. no. 12:9-10 '61.

ISADRINE

Induction of necroses in the myocardium of rabbits by isadrine (isopropylnoradrenaline) [with summary in English]. IU. Anshelevich, A Amelina, M. Melzobs. Izv. AN Latv. SSR no 12 91-94 '61

ISHIMBAY—PETROLEUM—REFINING

Standing production conference. N. Ivanova. Neftianik 7 no. 1:23 Ja '62.

ISLAM see Mohammedanism

ISLAMIC STUDIES

History of West European Islamic studies of the period of imperialism (C Becker) M Batunskii Nauch rab i soob Otd. obshchestv nauk AN Uz SSR 2 311-323 '61

ISLANDS see subdivision under Markha River

ISOBUTYL ALCOHOL

Liquid-vapor equilibrium in the system isobutyl alcohol - isomeric xylenes. IU N Garber, R A Bovkun, I N Efimova. Zhur prikl khim 35 no 2 416-422 F '62

ISOCYANIC ACID

Reaction of dialkylphosphorous acids with 2,4-tolylene-diisocyanate. E V Kuznetsov, M I Bakhtov Zhur ob. khim 32 no 1 278-279 Ja '62

ISOELECTRIC POINT

Isoelectric points of the nucleolus and the protoplasm and mitotic activity of cells of the growing point and developing leaves L P. Cheltsova Dokl AN SSSR 143 no 1 210-213 Mr '62

ISOMERISM

Vibrational spectra of vinyl ethers Rotational isomerism. E M Popov, N.S. Andreev, G I Kagan Opt i spektr. 12 no 1:37-41 Ja '62

ISOMERIZATION

Isomerization of hydrocarbons of petroleum paraffin wax L.G Zherdeva and others Neftekhimiia 1 no 5:639-647 S-O '61.

Isomerization of paraffin hydrocarbons [in Azerbaijani with summary in Russian] M. A Mardanov, S A Sultanov Azerb neft khoz 40 no 8 37-39 Ag '61.

Steric hindrances and reactivity of organic compounds Part 3; Isomerization of 1, 8-dihalonaphthalenes in the presence of anhydrous β-naphthalenesulfonic acid V. A. Koptiug, V, G, Shubin, V. A, Plakhov Zhur. ob khim 31 no 12 4023-4028 D '61

Transisomerization of dimethyl maleate under the influence of free radicals E. B Milovskaia, O V. Sokolova, B. L, Erusalimskii. Zhur. ob khim 32 no 2: 621-626 F '62

ISOMERS

New short-period isomers Nd^{140m}, Pm^{144m}, Eu^{146m}, and Gd^{158m} [with summary in English]. V V. Remaev, V. T. Gritsyna, A. P. Kliucharev. Zhur eksp i teor fiz 42 no. 2,406-415 F '62.

ISOMORPHISM

Fersman Lecture. Vest. AN SSSR 32 no. 3,105-106 Mr '62

ISONICOTINIC ACID

Effect of aminazine and iprazid on the appearance and development of induced tumors in rats [with summary in English] A. P. Savinskaia. Vop onk 8 no 1: 71-77 '62

Production of nicotinic and isonicotinic acids and their amides by the hydrolysis of nitriles I. A Arkhipova, S. R. Rafikov, B. V. Suvorov. Zhur. prikl. khim 35 no. 2,388-393 F '62.

ISOPERIMETRICAL PROBLEMS see Calculus of variations

ISOPRENE

Addition of diborane to isoprene and synthesis of β-methyltetramethylenediboric acid. L. I. Zakharkin, A.I.Kovredov Izv. AN SSSR Otd. khim. nauk no 2 362-363 F '62.

Change in viscosity of a reactive mass in the process of isoprene polymerization. IU. A Litvin, V M Nepyshnevskii, G. M Sinaiskii. Kauch i rez. 21 no 2:1-4 F '62.

Mass spectrometric identification of C_5H_8 (isoprene)-type compounds in volatile secretions of plant leaves G. A. Sanadze, G. M. Dolidze. Soob. AN Gruz. SSR 27 no 6: 747-750 D '61.

ISOPRENOIDS

Gas-liquid chromatography of isoprenoid compounds. B A. Rudenko and others Izv. AN SSSR, Otd khim. nauk no 2 326-[illegible] F '62

[illegible] and geofiz.

[illegible] anomalies and isostasy." B A Andreev. Izv AN SSSR Ser geofiz. no 3 392-393 Mr '62

ISOVALERIC ACID

Preparative method of production of L- and D-α-hydroxyisovaleric acid. L A. Shchukina and others. Izv. AN SSSR, Otd, khim, nauk no. 2:310-312 F '62.

ISOXAZOLE

Radical halogenation of isoxazoles. N.K. Kochetkov, S.D. Sokolov, N.M. Vagurtova. Zhur. ob. khim. 32 no.1:325-326 Ja '62.

ISRAEL—DESCRIPTION AND TRAVEL

The Promised Land. J. Hanzelka, M. Zikmund. Vokrug sveta no. 5:57-59 My '61.

ISTISU (AZERBAIJAN)—MINERAL WATERS

Effect of Istisu mineral water on dyspeptic disorders and on the microflora of the stomach in gastritis in children [in Azerbaijani with summary in Russian] N M Israfilova Azerb med. zhur no 11 31-34 N '61

ISTRA VALLEY—WORLD WAR, 1939-1945

In the Istra Valley. A Beloborodov. Voen.-ist zhur. 4 no 2 89-103 F '62.

ITALY—AGRICULTURE

The agrarian crisis in Italy and the policy of the Communist Party in the rural areas Arturo Colombi. Part zhizn' no 4 65-70 F '62

ITALY—ECONOMIC CONDITIONS

Contrasts of the "Italian miracle." L. Sergeev. Mezhdunar. zhizn' 9 no. 4 98-105 Ap '62.

"Unsolved problems of the economic unification of Italy during the last 100 years" [in Italian] by P. Saraceno. Reviewed by M. I. Koval'skaia Vop ist no 2:194-195 F '62

ITALY—FOREIGN ECONOMIC RELATIONS

Italy and NATO. L. Kotlmov Mir. ekon i mezhdunar. otn. no. 3:104-106 Mr '62.

ITALY—FOREIGN RELATIONS

Italian fascist diplomacy and the Munich deal [with summary in English, p. 197]. I. N. Bocharov. Nov. i noveish. ist no. 1:72-86 '62.

ITALY—GRAIN-MILLING MACHINERY

Italian grain mills without sifters in one-story buildings. N. Novak Muk.-elev prom. 27 no 9,28-31 S '61

ITALY—HISTORICAL RESEARCH

The Third Congress of the Antonio Gramsci Institute. N. P. Komolova. Vop ist no. 3:203 Mr '62

ITALY—LABOR AND LABORING CLASSES

Bulgakov, A. A., K. A. Guseinov, and I. A. Smirnov. [With the Italian workers] U rabochikh Italii. [Moskva] Izd-vo VTsSPS Profizdat, 1961. 135 p.

ITALY—MOTION-PICTURE PLAYS

Solov'eva, I. N. [Italian motion pictures, 1945-1960; sketches] Kino Italii, 1945-1960; ocherki. Moskva, Gos. izd-vo "Iskusstvo," 1961. 177 p. illus.

ITALY—MOTION PICTURES—CENSORSHIP

Luchino Visconti on Italian censorship. Iak. kino no. 2: 173 F '62.

ITALY—RELATIONS (GENERAL) WITH RUSSIA

Across Italy. G. Rakitin. Okhr. truda i sots. strakh. 5 no. 1:46-47 Ja '62.

IURENEVA, NADEZHDA

Nadezhda IUreneva. IU. Barsov. Sov. muz. 26 no. 3: 109 F '62.

IVANOV, ANDREI KHRISANFOVICH, 1897-1961

Andrei Khrisanfovich Ivanov, 1897-1961 N A. Shtreis and others Izv AN SSSR, Ser geol 27 no 3 114 Mr '62

IVANOV, VADYM MYKOLAIOVYCH, 1891-1962

V. M. Ivanov; obituary. Fiziol. zhur. [Ukr.] 8 no. 1:142 Ja-F '62.

IVANOVNA, MARIIA STEPANOVNA, 1903-

Mariia Stepanovna Ivanovna. Med. sestra 20 no. 11:57-58 N '61.

IVANOVO PROVINCE—ANTIQUITIES

New monuments of the Fat'yanovo Culture. D. A. Krainov. Krat. soob. Inst. arkheol. no. 84 83-90 '61.

IVANOVO PROVINCE—CLOTHING INDUSTRY—AUDITING AND INSPECTION

Groups of public control. V. Zhuravlev. Fin. SSSR. 23 no. 1, 60-62 Ja '62.

IVANOVO PROVINCE—DAIRYING

Zabotina, Z. I. [Working with the hands is a holiday for the mind] Rukam rabota - dushe prazdnik. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 22 p. (DA)

IVANOVO PROVINCE—EDUCATION, ELEMENTARY

Schools with longer hours maintained by a common effort. V. Korolev. Nar. obr. no. 3:22-24 Mr '62.

IVANOVO PROVINCE—SCHOOL SUPERVISION

Pedagogical council as an organ of group supervision. V. Rogozhkin. Nar. obr. no. 2:83-86 F '62.

IVANOVO PROVINCE—SERVICE INDUSTRIES

Suggested by life itself. P Korchagin. Mest. prom. i khud. promys 3 no. 1:22-23 Ja '62

IVOLGA VALLEY—BURYATS

Origin and distribution of the Ivolga Buryats. S. P. Baldaev. Etn. sbor. no. 1:59-67 '60.

IV'YE DISTRICT—DRESSMAKING

A tailor shop on a collective farm. N. Kal'zhnov. Rab i sial. 37 no 12 11 D '61.

IZHAKEVYCH, IVAN SYDOROVYCH, 1864-1962

Art is eternal. V. Bolan. Ukraina no 1-2 p. '62

JAPAN—COMMERCE—RUSSIA

Development of the Soviet-Japanese commerce. V. [illegible] darlian Nov. vrem 20 no 12 7-8 Mr '62

The Japanese people stand in admiration. N Kotelkova Mest prom. i khud. promys. 3 no 1:34-35 Ja '62

JAPAN—COMMUNIST PARTY

Central Party School of the Communist Party of Japan Part. zhizn' no 6 68-69 Mr '62

JAPAN—ECONOMIC ASSISTANCE, AMERICAN

Dinkevich, A. I. [Economic and military "assistance" of the U. S. A. to Japan] Ekonomicheskaia i voennaia "pomoshch' SShA IAponii. Moskva, Izd-vo vostochnoi lit-ry, 1962, 208 p.

What is going on in the Japanese economy. G. Pirogov Mir. ekon. i mezhdunar. otn. no 3:65-77 Mr '62

JAPAN—FOREIGN RELATIONS

Some problems of Japanese foreign policy discussed in the periodical "Sekai" B Pospelov. Mezhdunar. zhizn' 9 no. 3:128-134 Mr '62.

JAPAN—FOREIGN RELATIONS—KOREA, SOUTH

Adventurous policy of the U.S.A. in the Far East. V. Smolenskii. Mezhdunar. zhizn' 9 no. 4,110 [illegible] Ap '62.

JAPAN—LIBRARIES

Libraries of Japan. V. N. Orlov. Bibliotekoved i bibl. za rub. no. 6:32-65 '61.

JAPAN—PLASTICS INDUSTRY

Technological and economic indexes of some industries of plastics and synthetic resins in Japan. V. M. Iofe Plast. massy no. 2:75-77 '62.

JAPAN—POLIOMYELITIS

Poliomyelitis and politics. N. Kapul. Az. i Afr. segod. no. 2 58-59 F '62

JAPAN—POLITICS AND GOVERNMENT

Petrov, D. V. [Workmen and the democratic movement in Japan] Rabochee i demokraticheskoe dvizhenie v IAponii. Moskva, Gos. izd-vo polit. lit-ry, 1961. [illegible]

JAPAN—RAILROADS—SNOW PROTECTION AND REMOVAL

Snow removal troughs on Japanese railroads (from "Japanese Railway Engineering," March 1961) [illegible] Zhavoronkov. Put' i put. khoz. 6 no. 2, 17 [illegible]

JAPAN—RELATIONS (GENERAL) WITH RUSSIA

Cooperation with Japanese highway transport workers is becomes stronger. A. Kanaeva. Avt. transp. 40 [illegible] 57-58 F '62.

JAPAN—ROCKETS (ORDNANCE)

Hayashi, K., T. Ando, and K. Kimura. [Ordnance [illegible] and Japan; military bases are a war threat. Abridged translation from the Japanese] Raketnoe oruzhie i IAponiia; voennye bazy - ugroza miru. Vstup. stat'ia i kommentarii B. G. Sapozhnikova. Moskva, Voen. izd-vo M-va oborony SSSR, 1961. 240 p.

JAPAN—SWIMMING

Characteristics of the training of swimmers in the U. S. A. and Japan. N. M. Kriukov, M. IA. Nabatnikova Teor. i prak. fiz. kul't. 24 no. 12:932-934 '61.

Swimming in Japan. N. M. Kriukov, M. IA. Nabatnikova Teor. i prak. fiz. kul't. 24 no. 11:857-859 '61

JAPANESE PAGODA TREE

Comparative investigation of the amino acid composition of linden (Tilia) blossoms and sophora (Sophora japonica) flower buds. S. I. IAnkov. Dokl. AN SSSR 143 no. 5:1203-1204 F '62.

JAROSITE see subdivision under Kola Peninsula

JAUNDICE

Cortisone therapy as a method for the differential diagnosis of jaundices of varied etiology. D. M. Emanuilovskii. Vrach. delo no. 1:59-61 Ja '62.

Significance of X-ray data in the differential diagnosis of jaundice [with summary in English]. L. D. Lindenbraten, G. I. Varnovitskii. Terap. arkh. no. 12:56-62 '61

JAWS

Assymmetry in the skull structure of man and certain mammals the lower jaw. B. A. Nikitiuk. Vop antr no. 8:29-47 '61.

Biochemical changes in the soild dental tissues and maxillary bones following extirpation of the upper cervical sympathetic ganglion in dogs. N. A. Kodola, E. V. Udovitskaia. Probl. stom. 5:127-133 '60.

JAWS—ABNORMITIES AND DEFORMITIES

Active control of the growth of the jaws. S. I. Krishtab Probl. stom 5:387-390 '60

Prevention and treatment of pathological features of the odontognathic system as an important prerequisite for the normal development of children [in Azerbaijani with summary in Russian]. A A Akhmedov Azerb med. zhur. no. 8:50-55 Ag '61.

JAWS—ABSCESSES

Change in the reactivity of the organism during penicillin treatment of acute suppurative processes in the maxillofacial region. IU. F Semenenko Probl stom. 5: 251-255 '60.

JAWS—CANCER

Treatment of metastases in malignant maxillary tumors. G. P. Ioannidis Med zhur Uzb no 0:53-54 S '61

JAWS—DISEASES

Destruction of bone tissue in odontogenic osteomyelitis of the jaws. G. I. Semenchenko. Probl. stom. 5:229-230 '60.

Experimental odontogenic osteomyelitis of the mandible. G. I. Semenchenko. Probl. stom 5:219-224 '60

JAWS—FRACTURE

Reduction of the fracture pieces in old fractures of the maxilla. A. M. Solntsev. Probl. stom. 5 303-307 '60

Two cases of combined fracture of the jaw with fracture of the laryngeal cartilages L. A. Aliev Med. zhur. Uzb no. 11:72 N '61

JAWS—SURGERY

Early and late results of bone-grafting operations on the mandible. E. A. Aleksandrova Probl stom 5:286-294 '60.

Effect of early functional and mechanical actions on the healing of postoperative wounds of the alveolar parts of the jaws. G. P. Sosnin Probl. stom. 5:300-307 '60

Use of frozen bones and cartilage in maxillofacial surgery. E. A. Aleksandrova Probl stom. 5:295-299 '60

JAWS—TUMORS

Clinical treatment of follicular cysts. V. A. Petrenko. Probl. stom. 5:231-236 '60.

Methods for the treatment of adamantinomas. N. N. Mazalova Med zhur. Uzb no 3 72 Mr '60

Outcome of periradicular granulomas. I. I Davidenko. Probl. stom. 5:213-218 '60.

JEHOVAH'S WITNESSES see subdivision under Mukachevo District; Stanislav Province

JERBOAS, FOSSIL see subdivision under Kryzhanovka region

JET PLANES—MODELS

Model of a jet plane. V. Vasil'chenko. Kryl. rod. 13 no. 1:22 Ja '62.

JET PROPULSION

Papok, K. K., and E. G. Semenido, eds. [Motor, jet, and rocket fuels] Motornye, reaktivnye i raketnye topliva, 4., perer. i dop. izd. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, 1962. 741 p.

JETS

Experimental investigation of a flow in the starting area of a semirestrained turbulent jet. A M Mkhitarian and others. Izv. vys. ucheb. zav.; fiz. tekh. 4 no. 4:111-119 '61.

Initial period in the formation of a jet. V. G. Dulov, B. A. Ratsberg. Izv. vys. ucheb. zav. fiz. tekh. 4 no 4:30-33 '61.

JETS—FLUID DYNAMICS

Calculating the turbulent immersed jet of a real gas. V. I. Bakulev Inzh zhur 1 no 3 65-74 '61.

JOHNE'S DISEASE

Allergy and serological diagnosis of paratuberculosis. V. V. Korneev. Veterinariia 39 no. 1:26-29 Ja '62.

Complement fixation reaction in the diagnosis of paratuberculosis. T. R. Galmullin. Veterinariia 39 no. 1:30 Ja '62.

JOINT TENANCY

Some problems concerning the examination of disputes among joint owners. A. Belinkin, IE. Itskov. Rad. pravo no. 1:116-118 Ja-F '62.

JOINTS—CANCER

Principles of the treatment of malignant tumors of the osteoarticular system. J. Cotvenansky. Ortop., travm. i protez. no. 1:85-93 '62.

JOINTS—DISEASES

Use of M. S. Ovsishchnikov's large-frame lens fluorograph in the diagnosis of diseases of the bones and joints. P. P. Kenig. Vest. rent. i rad. 36 no. 4:72-73 Jl-Ag '61.

JOINTS—TUBERCULOSIS

Erythrocyte mass transfusion in osteoarticular tuberculosis. Kh. Sh. Arslanova. Nov. khir. arkh. no. 3:77-80 My-Je '60.

Surgical treatment of fistulous forms of osteoarticular tuberculosis. V. T. Gurvich, L. I. Barash. Zdrav. Bel. 7 no. 8:28-30 Ag '61

Surgical treatment of osteoarticular tuberculosis B. M Makhmudbekov, T D Gabibli Azerb. med zhur no. 11 17-22 N '61

Tomographic study in osteo-articular tuberculosis [with summary in English] A I Kurbatov. Vest rent. i rad 36 no 6 29-34 N-D '61

JOINTS (GEOLOGY)
(see also subdivision under Mirgalimsay region; Ossetia, North)

Lithological types of Miocene rocks in the Abin-Ukrainian deposit and their jointing. R. G. Dmitrieva. Trudy KF VNII no 6 253-259 '61.

JOLIOT-CURIE, IRÈNE, 1897-1956

In memory of Irène Joliot-Curie. R. M. Shmudskaia. Feld. i akush. 26 no. 11 38-41 N '61.

JORDAENS, JAKOB, 1593-1678

Leningrad. Ermitazh. ["Bean king" by Jakob Jordaens] "Iakob Iordans' Bobovyi korol'. Leningrad, Izd Ermitazha, 1948. 7 p (Pamiatniki zapadnoevropeiskogo iskusstva, no 17)
(NNC)

JORDAN—DESCRIPTION AND TRAVEL

The Promised Land. J. Hanzelka, M. Zikmund. Vokrug sveta no 5:57-59 My '61

JORDAN—POLITICS AND GOVERNMENT

Jordan in Anglo-American harness F. Nassar Mezhdunar zhizn' 8 no. 3 68-75 Mr '62.

JOURNALISM

Without initiative, without drive. Part. zhizn' no. 4:71-73 F '62.

JOURNALISM, MILITARY

Conferences of our readers. Voen.-ist. zhur. 4 no 3 103-109 Mr '62

Innovation becomes established in our life. A. Rogach. komm Vooruzh. Sil 2 no. 4:92-93 F '62

JOURNALISTS

Who are these labor and agricultural newspaper correspondents? A. TSedilina Otv. na vop trud no 6:15-23 Je '61

JUDAISM

The class nature of origin of Judaism. K. IAmpol'skyi. Voiov ateist no 1 42-47 Ja '62.

JUDGMENTS

Zoider, N. B. [Court sessions and judicial judgements in Soviet civil procedure, a textbook] Sudebnoe zasedanie i sudebnoe reshenie v sovetskom grazhdanskom protsesse; uchebnoe posobie. Saratov, Saratovskii iurid. in-t im. D. I. Kurskogo, 1959. 90 p.

JUDICIAL ERROR

We should thoroughly evaluate the circumstances of each action at law. P. Kuznetsov. Sov iust no. 4:15 F '62

JUDICIAL STATISTICS

Ostroumov, S. S. [Soviet judicial statistics; general and special parts] Sovetskaia sudebnaia statistika; chast' obshchaia i spetsial'naia Izd. 3., perer. i dop. [Moskva] Izd-vo Mosk. univ., 1962. 340 p.

JUNCTION TRANSISTORS

Effect of a high field on a p-n-junction. G. V. Gordeev. Fiz. tver. tela 4 no. 2:317-328 F '62.

Nonsteady-state photo e. m. f., coupled with the main carriers on an n - p-junction. F M. Berkovskii, S M. Ryvkin. Fiz. tver. tela 4 no. 2:376-378 F '62.

Parametric excitation of oscillations in a nonlinear circuit. T. M. Il'inova, V. V. Migulin. Vest. Mosk un. Ser 3: Fiz., astron. 17 no. 1:55-62 Ja-F '62.

Theory of optical junctions in semiconductors. V L. Bonch-Bruevich. Fiz. tver. tela 4 no. 1:288-299 Ja '62.

Trigger circuit on a four-layer p-n-p-n diode. A. I. Gomonova, L. N. Kulumbetova, K. IA. Senatorov. Vest. Mosk. un. Ser. 3: Fiz., astron. 17 no. 1:46-54 Ja-F '62.

Volt-ampere characteristic of p - n junctions in the forward direction. A. A. Grinberg. Fiz. tver. tela 4 no. 1:98-103 Ja '62.

JUPITER (PLANET)

Motion of Wolf's comet I in the sphere of action of Jupiter in 1922 and the representation of its normal positions in 1925 [with summary in French]. E. I. Kazimirchak-Polonskaia. Trudy ITA no. 7:293-311 '61.

Survey of studies of close approach of short-period comets to Jupiter [with summary in French]. E. I. Kazimirchak-Polonskaia. Trudy ITA no. 7:21-190 '61.

JURISDICTION, NONCONTENTIOUS see Noncontentious jurisdiction

JUSTICE, ADMINISTRATION OF
(see also subdivision under Uzbekistan)

Current plenary session of the Supreme Court of the U. S. S. R. Biul. Verkh. Suda no. 1:3-7 '62.

Important objectives. Sov. iust. no. 2:1 Ja '62

Program of the CPSU is the irrevocable law of our life. Biul Verkh. Suda no. 6:1-7 '61.

JUVENILE DELINQUENCY

Dmitrii Gorlin's fate is in good hands A Sakharov Sem'ia i shkola 17 no 3 29-30 Mr '62

Some shortcomings in the judicial examination of crimes committed by minors V. Tlustov. Sov iust. no 2: 13-11 Ja '62

KABARDINO-BALKAR A.S.S.R.—SOCIAL CONFLICT

Forms of class struggle in Kabardia during the first half of the 19th century. T. D Botsvadze Soob AN Gruz SSR 27 no. 6:797-801 D '61

KABARDINO-BALKAR A.S.S.R.—STOCK AND STOCK-BREEDING

Berbekov, T. M. [Basic problems of the development of productive stockbreeding on collective farms in the Kabardino-Balkar A. S. S. R.] Osnovnye problemy razvitiia produktivnogo zhivotnovodstva k kolkhozakh Kabardino-Balkarii. Pod obshchei red. N. S. IAshvili. Nal'chik, Kabardino-Balkarskoe knizhnoe izd-vo, 1961. 183 p.
(DA)

KACHKANAR REGION—PETROLOGY

Significance of vein rocks for determining the levels of erosion sections in massifs of the platinum-bearing gabbro-peridotite belt of the Urals V A Reshit'ko. Dokl. AN SSSR 142 no 4 906-908 F '62

KADUKOVA, MARIIA IULIANOVNA

Mariia IUlianovna Kadukova. Med. sestra 20 no. 11: 59-60 N '61

KAERSUTITE see subdivision under Kola Peninsula

KAGARLYK DISTRICT—RURAL CONDITIONS

The village of Shubovka in the past and in the present I Furman Volov ateist no 2:20-22 F '62.

KAGUL—SOVIETS

Standing committees should be more active. Sov. deput. trud. no. 2:105 F '62.

KAKHOVKA HYDROELECTRIC POWER STATION—WATERPROOFING

Organization of waterproofing operations in the construction of the Kakhovka Hydroelectric Power Station. A. I. Krilukov, I. I. Khudnitskii. Gidr. stroi. 32 no 12:14-17 D '61.

KÁLA-AZÁR

Urgent problems in the treatment of visceral leishmaniasis. N. A. Mirzoian Med. zhur. Uzb. no 6:13-16 Je '60

KALANDARASHVILI, NESTOR ALEKSANDROVICH, 1876-1922

Outstanding leader of Siberian guerrillas Voen.-ist zhur 4 no 3 126-127 Mr '62.

KALASHNIKOV, ALEKSEI GEORGIEVICH, 1893-1962

Aleksei Georgievich Kalashnikov. Shkola i proizv. 6 no. 2:3-4 F '62.

Aleksei Georgievich Kalashnikov; obituary. Izv. AN SSSR. Ser. geofiz. no. 1:1-2 Ja '62.

KAL'CHIK VALLEY—SYENITE

Structure of the South-Kal'chik syenite massif (eastern part of the region of the Sea of Azov) [with summary in English]. I. D. TSarova'kyi, N. L. Kravchenko. Dop. AN URSR no. 2:241-245 '62.

KALININ—AERONAUTICS—COMPETITIONS

Here are the best. S. Ignat'ev. Kryl. rod. 12 no. 10: 16-16 O '61

KALININ—PARACHUTING

Training and once more training. V. Grekhnev. Kryl. rod. 13 no. 1:19 Ja '62.

KALININ—THEATER

In Kalinin. V. Sukharevich. Teatr 23 no. 2:144-147 F '62.

KALININ PROVINCE—COMMUNITY LIFE

Public service school M. Zhurkina. Kul't.-pros. rab. 23 no. 1:13-15 Ja '62.

KALININ PROVINCE—ELECTRIFICATION

Now we have electric light in our settlement. Z. Burov. Sov. deput. trud. no. 2:76-77 F '62.

KALININ PROVINCE—HEROES

Dolgov, I. A. [Gold Star winners of Kalinin Province] Zolotye zvezdy kalininstsev. [Kalinin] Kalininskoe knizhnoe izd-vo, 1961. 207 p.

KALININ PROVINCE—HISTORY

Kalinin (Province) Upravlenie vnutrennikh del. Arkhivnyi otdel. [History of Kalinin Province; articles and source materials] Iz istorii Kalininskoi oblasti; stat'i i dokumenty. [Kalinin] Kalininskoe knizhnoe izd-vo, 1960. 194 p.

KALININ PROVINCE—LABOR REST HOMES
Real organizers. V. Kuznetsov. Okhr. truda i sots. strakh 5 no 2:22-23 F '62

KALININ PROVINCE—SOVIETS
Everything for our people V. Kozlova, V. Ruzaeva, M. Tikhomirova Sov. deput. trud no 2:80 F '62

KALININGRAD—FISH, CANNED
Developing the technique and recipes for the production of new preserve types from frozen rosefish A. L. Petelina, S. A. Artukhova Trudy BaltNIRO no 7 185-192 '61

KALININGRAD—TUNA FISH, CANNED
Developing and mastering the technique of canning tuna fish S. A. Artukhova Trudy BaltNIRO no 7 165-170 '61.

KALININGRAD PROVINCE—AGRICULTURAL MACHINERY—MAINTENANCE AND REPAIR
Accounting for repairs A. M. Fedraev. Uchet i fin v kolkhoz i sovkhoz 19 no 2:15-18 F '62

KALININGRAD PROVINCE—FIRES AND FIRE PREVENTION
Bring live words to the village V. Klimov Pozh. delo 8 no 2 11 F '62

KALINKOVICHI DISTRICT—DAIRYING
We are grateful to you, dear Samuilauna. IUryi Poliak. Rab. i sial. 37 no. 7 8-9 Jl '61

KALUGA HIGHLAND—WATER, UNDERGROUND
Analysis of a study of the Kaluga Highland based on the principles of a combined study of structures intended for underground gas storage M. S. Korochkin Trud. VNIIGAZ no. 11:16-50 '61.

Comparison of estimated and actual data on test gas injection into the Gdov water-bearing layer of the Kaluga structure. E. V. Levykin Trudy VNIIGAZ no. 11:80-101 '61.

Gas-dynamic method of studying structures intended for underground gas storage and an example of its use in studying the Kaluga structure. E. V. Levykin, V. N. Raaben, S. N. Buzinov. Trudy VNIIGAZ no 11:51-79 '61.

KALUGA PROVINCE—AGRICULTURAL MACHINERY
The Kaluga waste V. Ivanov. Fin. SSSR 23 no. 2:58-59 F '62.

KALUGA PROVINCE—CONSTRUCTION INDUSTRY
Let's build together - better, cheaper, and faster. B. Lebedevii. Sel'. stroi. 16 no 12:7-9 D '61

KALUGA PROVINCE—CRIME PREVENTION
Crime prevention is the most important problem K. Chernyshenko Sots. zakon 39 no 2 80 F '62

KALUGA PROVINCE—STATE FARMS—MANAGEMENT
The Kaluga waste V. Ivanov Fin. SSSR 23 no. 2 58-59 F '62

KAMA HYDROELECTRIC POWER STATION—HYDROMETEOROLOGY
Significance of hydrological forecasts in hydraulic power engineering (exemplified by the Kama Hydroelectric Power Station) S. M. Musaelian Meteor i gidrol no 2 37-40 F '62

KAMA VALLEY—CRANIOLOGY
Anthropological structure of the population of the area covered by the P'yanyy Bor Culture M. S. Akimova. Vop. antr. no 8 130-139 '61

KAMA VALLEY—EXCAVATIONS (ARCHAEOLOGY)
The 1958 Kama Archaeological Expedition. O. N. Bader. Krat. soob. Inst. arkheol. no. 85 73-84 '61.

KAMA VALLEY—MAN—ORIGIN
Anthropological data on the origin of the peoples of the Volga-Kama region M. S. Akimova Vop. antr. no 7: 29-40 '61.

KAMA VALLEY—PALEOBOTANY
On the problem of the age of terraces in the middle Kama Valley. G. N. Lisitsyna. Krat. soob. Inst. arkheol. no. 85, 31-37 '61.

KAMA VALLEY—STONE AGE
The 1958 Kama Archaeological Expedition. O. N. Bader. Krat. soob. Inst. arkheol. no. 85 73-84 '61.

KAMA VALLEY—TERRACES (GEOLOGY)
On the problem of the age of terraces in the middle Kama Valley. G. N. Lisitsyna. Krat. soob. Inst. arkheol. no. 85 31-37 '61.

KAMA VALLEY—WATER, UNDERGROUND
Relationships between Permian aquifers in the Kama Valley. V. S. Kovalevskii. Vop. gidrogeol. i inzh. geol no. 19:25-33 '61.

KAMCHATKA—SALMON
Protected by science. V. Gippenreiter. Vokrug sveta no. 4:17 Ap '61.

KAMCHATKA—VOLCANOES
Study of the state of volcanoes of the Klyuchevskaya group and the Sheveluch Volcano in 1958-59 E. K. Markhinin and others Biul. Vulk. sta no 31 3-16 '61

KAMYSHIN—BUILDING MACHINERY—TECHNOLOGICAL INNOVATIONS
A surgeon for machinery D. Ivantsov Izobr. i rats no 3 22 Mr '62

KAMYSHIN—TEXTILE INDUSTRY
On the construction sites of Kamyshin Cotton Combine. A. N. Smirnov. Tekst. prom 21 no 6:91 Je '61.

KANIN PENINSULA—FUR TRADE
In the Kanin tundra. G. Bagretsov. Sov. potreb. koop. 6 no 2:44 F '62

KANT, IMMANUEL, 1724-1804
"Kant and Kantianism" by S. I. Popov Reviewed by V. I. Cherkesov Nauch. dokl. vys. shkoly; filos. nauki 5 no 1:162-164 '62

KANT—POLITICS AND GOVERNMENT
They washed their hands. Sov. deput. trud. no. 2:82 F '62

KANTOROVICH, NIKOLAI VITAL'EVICH, 1901-
Nikolai Vital'evich Kantorovich. Zhur. nevr. i psikh. 61 no. 6 952 '61.

KAOLIN
(see also subdivision under Angren Valley)

Activated kaolin and its use in rubber compounding. N. L. Eidel'nant and others. Kauch. i rez 20 no. 9: 46-49 S '61.

Decomposition of kaolins by sulfur dioxide under conditions of a continuous process. P. V. Dybina Zhur. prikl. khim 35 no 2:443-447 F '62.

Study of kaolin minerals. N. I. Nakovnik. Min. sbor. no. 14:386-399 '60.

KAOLINITE see subdivision under Ob' Valley

KARA-BOGAZ-GOL (GULF)—DEEP-SEA DEPOSITS
Geologic conditions governing the formation of bottom sediments in Kara-Bogaz-Gol in connection with fluctuations in the Caspian Sea level. A. I. Dzens-Litovskii, G. A. Vasil'ev. Izv. AN SSSR, ser. geol. no. 3, 101-109 Mr '61.

KARA-DAR'YA VALLEY—MINERALS
Mineral associations in alluvial deposits of the Kara-Darya River Chen' Li-zhun' [Ch'en Li-jun] Dokl. AN SSSR 142 no 6 1391-1394 F '62

KARA-KALPAK A.S.S.R.—COTTON GROWING
History of the struggle of the party organization of Kara-Kalpakistan in further developing cotton growing, 1956-1959. A. Tureev. Trudy TashGU no 170:180-188 '60.

KARA-KALPAK A.S.S.R.—HANDBOOKS, MANUALS, ETC.
TSapenko, N. G., and Tursunbai Tadzhimov. [The Kara-Kalpak A. S. S. R., concise handbook] Kara-Kalpakskaia ASSR; kratkii spravochnik. Tashkent, Gos. izd-vo Uzbekskoi SSR, 1960. 108 p.
[MICROFILM]

KARA-KALPAK A.S.S.R.—PLANT INTRODUCTION
Plant introduction in the territory of the Kara-Kalpak A. S. S. R. S. I. Sagitov. Uzb. biol. zhur. no. 6:17-19 '61.

KARA-KALPAKS
The ethnogeny of Karakalpaks. T. A. Zhdanko. Kr at soob. Inst. etn. no. 30:3-11 '62.

Vestiges of ancient family forms among the Kara-Kalpaks. A. S. Morozova. Trudy TashGU no. 172:118-123 '60.

KARA-TAU—GEOLOGY, STRUCTURAL
History of the development and spatial relationship of Paleozoic structures in the Kara-Tau and Ulu-Tau [with summary in English]. R. G. Garetskii, A. L. Knipper, V. I. Samodurov. Biul. MOIP. Otd. geol. 37 no. 1:43-56 Ja-F '62.

KARA-TAU—MINERALS
"Gutsevichite," a new mineral E. A. Ankinovich. Sbor. nauch. trud KazGMI no 18:125-130 '59.

KARA-TAU—VANADIUM
Composition of the vanadium-bearing horizon in the Kara-Tau. E. A. Ankinovich, S. G. Ankinovich. Sbor. nauch. trud KazGMI no 18 49-68 '59.

KARABULAK—COOPERATIVE SOCIETIES
Spring does not wait! M. Kenzhegaliev. Koop. Kazakh. 4 no. 3:39-40 Mr '61.

KARACHAI-CHERKESS AUTONOMOUS PROVINCE—STONE AGE
The mesolithic site of Yavora. V. P. Liubin. Krat. soob. Inst. arkheol. no. 84:45-48 '61.

KARADAG REGION—CLAY
Properties of Khvalynian clays of the Karadag shallows. F. S. Aliev. Dokl. AN Azerb SSR 17 no. 12:1147-1151 '61.

KARADAG REGION—GASOLINE
New gasoline plant. O. Kazieva. Neftianik 7 no 2 14 F '62.

KARADAG REGION—GEOLOGY, STRATIGRAPHIC
Lithofacies features of sediments in the Karadag productive formation N. S. Mustafaev Izv. vys. ucheb. zav. neft' i gaz 4 no. 5 19-22 '61

KARAGANDA—IRON INDUSTRY
Our contribution to the development of ferrous metallurgy V. Kulikov, E. Turkebaev. Nar. khoz. Kazakh. 19 no. 12 24-27 D '61.

KARAGANDA—RUSSIAN NEWSPAPERS
Department of an institution of higher learning as a non-staff section of a newspaper. F. Karlik Part. zhizn' Kazakh. 32 no. 2:47-49 F '62

KARAGANDA—SOCIAL SCIENCES—STUDY AND TEACHING
Department of an institution of higher learning as a non-staff section of a newspaper. F. Karlik Part. zhizn' Kazakh. 32 no 2.47-49 F '62.

KARAGANDA BASIN—COAL GEOLOGY
New data on the geology of coal-bearing sediments in the eastern part of the Karaganda Basin V. I. Belousov Sbor. nauch. trud Kaz GMI no. 18 137-143 '59.

KARAGANDA BASIN—COAL MINES AND MINING
Effect of preliminary wetting of the K_{12} Verkhnyaya Marianna seam on the quality of mined coal G. I. Panov, S. A. Ilinusov. Ugol' 37 no. 3 47-48 Mr '62
In a leading mine. V. Ponomarev. Nar. khoz. Kazakh. 20 no. 1:63-64 Ja '62

Pace of caving in the mines of the Promyshlennyy and Saran areas of the Karaganda Basin Zh. M. Ismail'skaya, S. G. Zhukova. Izv. AN Kazakh. SSR, Ser. gor. dela i t 1 30-41 '61.

KARAGANDA BASIN—COAL MINES AND MINING—FINANCE
Economic advantages of the construction of large mi s in the new coal deposits of Karaganda. N. K. Anisov [et Trudy Sov. po izuch. proizv. sil Kazakh. AN Kazakh SSR 2:5-20 '61.

KARAGANDA BASIN—COAL MINES AND MINING—LABOR PRODUCTIVITY
Work practices of Mine No. 35 in the struggle for the title of enterprise of communist labor A. T. Kiiko, K. G. Potushkin. Ugol' 36 no. 7 3-4 Jl '61

KARAGANDA BASIN—COAL MINES AND MINING—RESEARCH
Construction of a model mine in Karaganda B. S. Borisov Ugol' 37 no 3:61 Mr '62.

KARAGANDA BASIN—COAL MINES AND MINING—SAFETY MEASURES
Experience of Karaganda Basin mines in operating without special gaswell. I. S. IAtsenko, P. A. Tishin Ugol' 36 no. 7:14-16 Jl '61

KARAGANDA BASIN—COAL PREPARATION
Discussion of V. B. Mysliitskii's article "Pneumatic coal preparation in the Karaganda Basin." K. K. Kolbasin Ugol' 37 no. 2:53 F '62.

KARAGANDA BASIN—INDUSTRIAL BUILDINGS
Administration and Workers' Service Building Complex of the "Tentekskaya-Vertikal'naya" Mine No. 1-bis in Kuridinev, Shakht. stroi. 6 no. 2:8-12 F '62

KARAGANDA BASIN—MINE GASES
Experiment of gas removal in the development workings by means of barrier boreholes in Mine No. 26 of Karagandaugol' Combine. L. M. Shnaidman Ugol' 37 no. 1:55-57 Ja '62.

KARAGANDA BASIN—PALEOBOTANY, STRATIGRAPHIC
Megaspores from Carboniferous sediments of the Karaganda Basin. M. V. Oshurkova. Paleont. zhur. no 3 p 121 '61.

KARAGANDA PROVINCE—CLERKS (RETAIL TRADE)
In a young people's group. Zh. Bekenov. Koop. Kazakh. 4 no. 11:22-23 N '61.

KARAGANDA PROVINCE—CONSTRUCTION INDUSTRY—FINANCE
Use capital investments wisely. I. Kravchenko. Nar. khoz. Kazakh. 20 no. 1:21-24 Ja '62

KARAGANDA PROVINCE—ECONOMIC POLICY
Raise the level of accounting and statistics. A. Golovin. Nar. khoz. Kazakh. 19 no. 12:72-75 D '61.

KARAGANDA PROVINCE—PEDDLERS AND PEDDLING
New vocation. F. Kuzovkov. Koop. Kazakh. 4 no. 12: 14-15 D '61.

KARAGANDA PROVINCE—STATISTICS

Raise the level of accounting and statistics. A. Golovin. Nar. khoz. Kazakh. 19 no. 12:72-75 D '61.

KARAGASSES

Craniology of the Karagassen V. P. Alekseev. Vop. antr. no 5:122-132 '60.

KARANDASH, AGAFIA

Agafia Karandash, the first nurse in the Far East. B. N. Shchupak. Med sestra 20 no 11 55-56 N '61.

KARATEGIN RANGE—GEOLOGY, STRATIGRAPHIC

Paleogene of the Karategin Range. A. V. Burmakin, L. P. Kakhanova, D. A. Sturshinin. Dokl AN SSSR 140 no. 5 1141-1143 O '61.

KARATEGIN RANGE—PRAYING MANTIS

New species and new subspecies of Rivetina Berl. et Chop (Mantoidea, Mantidae) from southwestern branches of Karategin Range. I. I. Lindt Izv. Otd. sel'khoz. i biol nauk AN Tadzh SSR no. 3:61-67 '61.

KARBYSHEV, DMITRII MIKHAILOVICH, 1880-1945

Borisov, D. S., and M. K. Shevchuk, comps. [Soldier, hero, and scientist; reminiscences about D. M. Karbyshev] Soldat, geroi, uchenyi, vospominaniia o D. M. Karbysheve. Moskva, Voen. izd-vo M-va oborony SSSR, 1961. 104 p.

KARELIA—AMPHIPODA

Oxygen consumption by some crustaceans in the Karelian lakes. I. V. Pomazovskaia. Uch. zap Kar. ped. inst. 7: 93-96 '58.

KARELIA—APPLE

Some characteristics of the growth and development of aerial parts and root systems of apple trees in southern and southwestern Karelia I. V. Il'ina Trudy Kar. fil AN SSSR no. 29,88-95 '61.

KARELIA—BARLEY—FERTILIZERS AND MANURES

Effect of fertilizers on barley yields in various soils of Karelia. A. A. Komulainen, E. P. Lavrinenko Trudy Kar. fil. AN SSSR no 29;22-26 '61.

KARELIA—BRASSICACEAE—DISEASES AND PESTS

Pests of cruciferous plants in northern Karelia and their control I. A. Stepanova Trudy Kar. fil AN SSSR no. 29;95-104 '61.

KARELIA—CANCER

Scientific and statistical method in the study of regional characteristics in the distribution of malignant tumors [with summary in English]. V. V. Dvoirin. Vop. onk. 7 no. 7:3-8 '61.

KARELIA—CRUSTACEA

Distribution of relict crustaceans in the Karelian lakes. O. N. Gordeev. Uch. zap Kar. ped inst 7:16-33 '59.

KARELIA—GALLIUM

Gallium in minerals of micaceous pegmatites in the Tedino deposit [with summary in English]. L. A. Borisenok, I. D. Riabchikov Geokhimiia no 1 62-66 '62.

KARELIA—GRAIN

Advantages of broadcast sowing in Karelia. L. A. Novitskii Trudy Kar. fil. AN SSSR no. 29;105-112 '61.

KARELIA—HUMUS

Changes in the reserve and composition of humus in cultivated soils of Karelia. R. M. Morozova. Trudy Kar. fil. AN SSSR no. 29;30-49 '61.

KARELIA—INSECTS, INJURIOUS AND BENEFICIAL

Lukia, A. S. [Controlling bloodsucking dipterous insects in northern regions] Bor'ba s gnusom - krovososushchimi dvukrylymi nasekomymi v severnykh oblastiakh Severa. Petrozavodsk, Gos. izd-vo Karel'skoi ASSR, 1961. 45 p.
(DA)

KARELIA—PASTURES AND MEADOWS

Effect of cultivation practices on speeding up of meadow formation on drained transitional bogs in Karelia. M. M. TSybo Trudy Kar. fil. AN SSSR no 29;69-87 '61.

KARELIA—PEAT SOILS

Bukhman, V. A., and V. A. Rozin. [Peat soils in Karelia, their drainage and cultivation] Torfianye pochvy Karelii, ikh osushenie i osvoenie. Petrozavodsk, Gos. izd-vo Karel'skoi ASSR, 1961. 84 p.

KARELIA—PEGMATITES

Gallium in minerals of micaceous pegmatites in the Tedino deposit [with summary in English]. L. A. Borisenok, I. D. Riabchikov. Geokhimiia no. 1,62-66 '62.

KARELIA—REINDEER

Akademiia nauk SSSR. Karel'skii filial. Petrozavodsk. [Northern reindeer in the Karelian A. S. S. R.; morphology, taxonomy, ecology, physiology, problems of reindeer farming] Severnyi olen' v Karel'skoi ASSR; morfologiia, sistematika, ekologiia, fiziologiia, voprosy olenevodstva. Moskva, Izd-vo Akad. nauk SSSR, 1962. 178 p.
(DA)

KARELIA—SOIL CHEMISTRY

Dynamics of some chemical properties of forest and cultivated soils of southern Karelia. N. V. Egorova Trudy Kar fil AN SSSR no 29;27-37 '61.

KARELIA—SOIL MOISTURE

Dynamics of the level of ground waters and runoff on drained bogs and overwet mineral soils in southern Karelia V. N. Larinin. Trudy Kar. fil AN SSSR no. 29-59-68 '61.

KARELIA—WOOD WASTE

Prices for wood waste; experience of the Karelian Economic Council V. Muziukin. Les. prom 39 no 12: 27-28 D '61.

KARGALY—MANUFACTURES

With the trade-mark of a cooperative enterprise F. TSvirko Koop Kazakh. 1 no 3 16-19 Mr '61.

KARIAKIN, LEONID IVANOVICH, 1900-

Leonid Ivanovich Kariakin; on his 60th birthday E. F. Lazarenko, M. N. Shkabara. Min. sbor no 14-377-379 '60.

KARMALIUK, USTYM, 1787-1837—HOMES AND HAUNTS

In the homeland of Karmaliuk. Vasyl' Kucher Ukraina no 5 15-16 Mr '62.

KARPAU, ULADZIMIR, 1912-

Critic, writer, and editor. I. Hramovich Belarus' 19 no. 2,16 F '62.

KARSAVA DISTRICT—GUIDEBOOKS

Proboks, A. [Karsava; guidebook for Karsava District] Karsava, tuvuma celvedis pa Karsavas rajonu Riga, Latvijas Valsts Izdevnieciba, 1961. 70 p. [In Latvian]

KARST

(see also subdivision under Crimea; Moldavia, Siberia)

Nauchnoe soveshchanie po izucheniiu karsta, 3d, Moscow, 1956. [Study of areal karst] Regional'noe karstovedenie. Moskva, Izd-vo Akad. nauk SSSR, 1961. 243 p.

KARYOKINESIS

Daily rhythm of mitosis in different organs of white mice and rats. I. A. Alov, N. V. Krasil'nikova Dokl AN SSSR 142 no 4 933-935 F '62.

Effect of small doses of ionizing radiation and cystamine on the mitotic activity of the corneal epithelium and duodenal crypts L. B. Berlin. Dokl. AN SSSR 143 no 1 218-220 Mr '62.

Effect of vestibular stimulation on mitotic cell division in the external granular layer of the cerebellar cortex in kittens and puppies [with summary in English]. E. N. Kosmarskaia. Arkh. anat. gist. i embr. 41 no. 7:48-53 Jl '61.

Karyokinesis of neurons and regeneration of the cerebral cortex of adult rats following mechanical injury [with summary in English]. N. F. Kastrikin. Arkh. anat. gist. i embr. 41 no. 7:54-57 Jl '61.

Mitotic activity of cells of the liver and the outer orbital gland in white rats V. N. Dobrokhotov, A. G. Babaeva, A. G. Kurdiumova Dokl AN SSSR 142 no 2 458-461 Ja '62.

Relation between the functional activity of the organ and the daily rhythm of mitosis. N. V. Krasil'nikova Dokl. AN SSSR 142 no. 5:1165-1167 F '62.

State of cell division and nucleic acid metabolism in the mucosa of the small intestine during the action of radioprotective substances on the organism. L. F. Semenov and others. Radiobiologiia 1 no. 6:953-957 '61.

KASHKIN, PAVEL NIKOLAEVICH, 1902-

P. N. Kashkin, on his 60th birthday. Vest. derm. i ven. no. 2:91-92 '62.

KASHUK, MOISEI EMMANUILOVICH, 1899-1961

Moisei Emmanuilovich Kashuk. Zdrav. Bel. 7 no. 12: 69 D '61.

KAS'IANENKO, VLADIMIR GRIGOR'EVICH

Member of the Academy of Sciences of the Ukrainian S. S. R. Vladimir Grigor'evich Kas'ianenko; on his 60th birthday. S. F. Manzii. Dop. AN URSR no. 2:264-265 '62.

KASKELEN—AUTHORS AND READERS

Love your books. S. Khamzina and others. Koop. Kazakh. 4 no. 11:26-35 N '61.

KASKELEN—CLERKS (RETAIL TRADE)

As a result of their love for people. F. TSvirko. Koop. Kazakh. 4 no. 2;39-40 F '61.

KASSIL', LEV ABRAMOVICH, 1905-

Kon, L. F., and N. F. Novichkova, comps. [Discussing the books of V. P. Kataev, L. A. Kassil', and V. A. Kaverin in grades 7-8] Besedy o knigakh V. P. Kataeva, L. A. Kassilia, V. A. Kaverina; dlia uchashchikhsia VII-VIII klassov. Moskva, Gos. biblioteka SSSR im. V. I. Lenina, 1961. 67 p. (Sovetskie pisateli - detiam)

KATAEV, VALENTIN PETROVICH, 1897-

Kon, L. F., and N. F. Novichkova, comps. [Discussing the books of V. P. Kataev, L. A. Kassil', and V. A. Kaverin in grades 7-8] Besedy o knigakh V. P. Kataeva, L. A. Kassilia, V. A. Kaverina; dlia uchashchikhsia VII-VIII klassov. Moskva, Gos. biblioteka SSSR im. V. I. Lenina, 1961. 67 p. (Sovetskie pisateli - detiam)

KATON-KARAGAY DISTRICT—COOPERATIVE SOCIETIES

Closely-knit group. A. Rebrov Koop Kazakh. 1 no. 3 22-23 Mr '61.

KAUSHANY DISTRICT—MOUNDS

Sarmatian burial from the burial mound near the village of Olonesht, Moldavian S. S. R. A. I. Meliukova. Sov. arkheol. 6 no 1;173-194 '62.

KAVERIN, VENIAMIN ALEKSANDROVICH, 1902-

Kon, L. F., and N. F. Novichkova, comps. [Discussing the books of V. P. Kataev, L. A. Kassil', and V. A. Kaverin in grades 7-8] Besedy o knigakh V. P. Kataeva, L. A. Kassilia, V. A. Kaverina; dlia uchashchikhsia VII-VIII klassov. Moskva, Gos. biblioteka SSSR im. V. I. Lenina, 1961. 67 p. (Sovetskie pisateli - detiam)

KAVGOLOVO—SKIS AND SKIING

Results of the international race in Kavgolovo. V. G. Menchikov Teor. i prak. fiz. kul't 24 no. 12:915-918 '61.

KAZAKH LANGUAGE—DICTIONARIES

[Explanatory dictionary of the Kazakh language] Tolkovyi slovar' kazakhskogo iazyka Pod obshchei red. S. K. Kenesbaeva. Alma-Ata.
Vol 2, K - IA. 1961. 533 p.

KAZAKH LANGUAGE—GRAMMAR, COMPARATIVE—RUSSIAN

Alma-Ata. Nauchno-issledovatel'skii institut pedagogicheskikh nauk. [The Russian language in the Kazakh school; a comparative study of some grammatical features of the Russian and Kazakh languages] Russkii iazyk v kazakhskoi shkole; sopostavitel'noe izuchenie nekotorykh grammaticheskikh iavlenii russkogo i kazakhskogo iazykov Alma-Ata, Kazakhskoe gos. uchebno-pedagog. izd-vo, 1956. 90 p.
(NNC)

KAZAKH POETRY—HISTORY AND CRITICISM

Nazarbaev, M. B. [Image of the workers in Kazakh poetry] Obraz rabochego klassa v kazakhskoi poezii. Alma-Ata, Akad. nauk Kazakhskoi SSR, 1961. 237 p.
(MH) (NN) (CLU)

KAZAKHS see subdivision under Dzhety-Su; Syr-Darya Valley

KAZAKHSTAN—AGRICULTURE

History of the reclamation of virgin lands. R. F. Vinokurova. Vest. Mosk. un. Ser. 9: Ist. 17 no. 2: 3-16 Mr-Ap '62.

Possibilities for bringing new lands under cultivation in Kazakhstan. V. M. Borovskii Izv. AN Kazakh SSR. Ser. bot. i pochv. no 2:9-15 '61.

Science, experience and production Part. zhizn' Kazakh. 32 no. 2;23-26 F '62.

KAZAKHSTAN—AGRICULTURE—LABOR PRODUCTIVITY

What hinders the increase of labor productivity? R. Kasmasov. Nar. khoz. Kazakh. 19 no. 12:55-62 D '61.

KAZAKHSTAN—AGRICULTURE, COOPERATIVE

Bolarskii, F. F., and K. N. Shalabaev, comps. [Nikita Sergeevich Khrushchev in Kazakhstan during March, 1961] Nikita Sergeevich Khrushchev v Kazakhstane, mart 1961 Alma-Ata, Kazakhskoe gos. izd-vo, 1961. 362 p.
(MH)

KAZAKHSTAN—ALFALFA

Cultivation methods for increasing the yield of Semirechie alfalfa in southeastern Kazakhstan. IU. D. Zykov. Vest. sel'khoz. nauki [Kazakh.] 4 no 11;10-17 N '61.

KAZAKHSTAN—ALFALFA—HARVESTING

Characteristics of growth and productivity in Semirech'ye alfalfa when harvested for forage at various dates. IU. D. Zykov Vest sel'khoz. nauki [Kazakh.] 4 no. 12 25-35 D '61.

KAZAKHSTAN—ALUMINUM INDUSTRY

Manufacture and assembly of precipitation tanks in construction of the Pavlodar aluminum plant. N. O. Galetina, S. G. Komissarov, IU. A. Beliaev. Mont i spets. rab. v stroi 23 no 12 5-9 D '61.

KAZAKHSTAN—ARCHITECTURE

Scientific development in the field of construction and architecture in Kazakhstan, and its immediate tasks. M. M. Mendikulov. Trudy Kazakh fil AS1A no. 2:3-12 '60.

KAZAKHSTAN—BOOKSELLERS AND BOOKSELLING

Love your books. S. Khamzina and others. Koop. Kazakh. 4 no. 11:26-35 N '61.

KAZAKHSTAN—BORING

Results of the study of core drilling in the Dzhezkazgan and Dzhanek deposits F V Kozhukhov Sbor. nauch. trud KazGMI no 14 118-124 '59

KAZAKHSTAN—BUDGET

Spend government funds economically. I. Kim. Nar. khoz Kazakh 19 no. 12 15-23 D '61.

KAZAKHSTAN—BUILDING

Scientific development in the field of construction and architecture in Kazakhstan, and its immediate tasks M M Mendikulov Trudy Kazakh fil AS1A no 2 3-12 '60

KAZAKHSTAN—BUILDING MACHINERY—MAINTENANCE AND REPAIR

Create a stable repair base for the construction industry. A. Donchenko, P Petukhov. Nar. khoz. Kazakh. 19 no 12 76-78 D '61.

KAZAKHSTAN—BUILDING MATERIALS

Physicomechanical properties of building materials made of metallurgical waste products and liquid glass G T Pazhanov Trudy Kazakh fil AStA no 2 125-133 '60

KAZAKHSTAN—BUILDING MATERIALS INDUSTRY

Supply Kazakhstan construction projects with large centralized and specialized bases V Putintsev Nar khoz Kazakh 20 no 1-3-9 Ja '62

KAZAKHSTAN—CATTLE—WATERING

Organization of water supply in pasture areas of Boz, Kara, and Taukum P. P Nikitenko Vest sel'khoz nauki [Kazakh.] 4 no 11,3-9 N '61

KAZAKHSTAN—CERAMIC MATERIALS

Cellular ceramics made of Chegan clay and Karaganda argillite A I Nagornii, L. A Khokhol'kova Trudy Kazakh fil AStA no 2 134-137 '60

KAZAKHSTAN—CHEMICAL INDUSTRIES

Give special attention to especially important construction projects I. Avaev, A. Dul'man. Nar khoz. Uzb 4 no 2-13-17 F '62

KAZAKHSTAN—CHILDREN—CARE AND HYGIENE

Congress of pediatricians of Kazakhstan. E. V. Rusakova. Doshk vosp 35 no 2-30-32 F '62.

KAZAKHSTAN—CLERKS (RETAIL TRADE)

For better personnel. Zh. Tynyshbaev. Koop. Kazakh. 4 no. 11 36-38 N '61.

KAZAKHSTAN—CLOTHING INDUSTRY—EXHIBITIONS

First republican. B Muchnik Koop Kazakh 4 no. 3 19-22 Mr '61

KAZAKHSTAN—COAL MINES AND MINING

Power coals of central Kazakhstan and problems in their utilization, K Kh Khozhanazarov Trudy Sov. po izuch proizv. sil Kazakh. AN Kazakh. SSR 2:21-52 '61.

Prospects of the development of Ala-Kul' coal deposits A. I. Daulethakov Trudy Sov po izuch proizv sil Kazakh. AN Kazakh. SSR 2:53-60 '61.

KAZAKHSTAN—COMMUNISM

The beginning of the dissemination of Marxist-Leninist ideas in Kazakhstan M S. Burabaev. Trudy Inst. filos i prava AN Kazakh. SSR 5 3-37 '61

KAZAKHSTAN—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Based on materials of the "Partiinaia zhizn' Kazakhstana." Part. zhizn' Kazakh. 32 no 2:80 F '62.

Important sector of organizational party work Mazhnikova. Part. zhizn' Kazakh. 32 no 2,56-68 F '62

Party news Part. zhizn' Kazakh. 32 no. 2;78-79 F '62

KAZAKHSTAN—CONSTRUCTION INDUSTRY

Concentrate efforts and funds on projects in the final stages of construction. Nar. khoz Uzb. 4 no 2:18-22 F '62

Give special attention to especially important construction projects. I. Avaev, A. Dul'man. Nar. khoz. Uzb 4 no. 3;13-17 F '62

In the State Planning Committee of the Kazakh S S. R. Nar. khoz. Kazakh. 20 no. 1 91-92 Ja '62

Put specialization and cooperation into practice more boldly. N. Shestopal. Nar. khoz. Kazakh. 19 no. 12; 47-50 D '61.

KAZAKHSTAN—CONSTRUCTION INDUSTRY—COSTS

Reduce the costs of construction and assembly work. V. Prokopenko. Nar. khoz. Kazakh. 19 no. 12-39-43 D '61.

KAZAKHSTAN—CONSTRUCTION INDUSTRY—FINANCE

Business accounting in the lower echelons of construction and assembly organizations. A Rogalev Ekon. strol no. 2,43-47 F '62.

Improve the system of planning in construction. Zh. Dairbekov. Nar. khoz. Kazakh. 20 no. 2;71-73 F '62.

KAZAKHSTAN—CONSTRUCTION INDUSTRY—LABOR PRODUCTIVITY

Indices of labor productivity. V Mironenko Nar khoz Kazakh 20 no 2-74-76 F '62

Raise labor productivity in construction I Khokhlov Nar khoz. Kazakh 20 no. 1;10-16 Ja '62.

KAZAKHSTAN—COOPERATIVE SOCIETIES

Development of the material and technical foundation of cooperative societies in the Republic. B. Azhkeev Koop Kazakh. 4 no 12-14-50 D '61

Don't allow any errors. I Dateiuk Koop. Kazakh 4 no 1 62-63 Ja '61

Editor's mail. D Gerasimenko, S Kogai Koop Kazakh. 4 no 2 56-58 F '61

Editor's mail. Koop. Kazakh 4 no. 3 41-43 Mr '61.

Editor's mail. N. Alesov and others. Koop. Kazakh. 4 no 12-60-62 D '61

Editor's mail N Tebilov and others. Koop Kazakh. 4 no 1 52-58 Ja '61

Editor's mail. V. Afanas'ev and others. Koop. Kazakh. 4 no. 11 53-58 N '61.

For a radical improvement in working with shareholders. K. Dzhumabaev. Koop. Kazakh. 4 no. 11;40-51 N '61.

Force of total community participation is unconquerable V Maksimov Koop Kazakh 4 no 3-33-36 Mr '61

Great Octobei. Koop. Kazakh. 4 no. 11;3-6 N '61.

In the administration of the Kazakhstan Union of Cooperative Societies. Koop. Kazakh. 4 no. 11;59-60 N '61.

In the first ranks of the struggle for communism. Koop. Kazakh 4 no 3 1-5 Mr '61

Inspiring prospects. Koop Kazakh. 4 no. 1-3-7 Ja '61

Let's activate committee work. I. Zhumaev. Koop. Kazakh. 4 no. 12;57-59 D '61.

Let's carry out the decisions of the 22d Congress of the CPSU A. Abebaev and others. Koop Kazakh 4 no 12,6-8 D '61.

Life of cooperative societies. G. Filipov and others. Koop. Kazakh. 4 no. 11-14-21 N '61.

New stage and great tasks. A. A. TSarev. Koop. Kazakh. 4 no 2 6-10 F '61.

Our questionnaire. V Kovalenko and others. Koop Kazakh 4 no 1 37-43 Ja '61.

Results of the all-Union socialist competition among the organizations and enterprises of Kazakh S S. R cooperative societies Koop Kazakh. 4 no 2 53 F '61.

They should improve their work. Z. Popova. Koop. Kazakh. 1 no. 11;52 N '61.

To all workers of cooperative societies of the Kazakh S. S. R. Koop Kazakh 4 no. 2 1-4 F '61

Ways to lower excessive stocks. P. Senkevich. Koop. Kazakh. 4 no. 1 59-61 Ja '61

We will carry out the great plans of the party. M. Kazachev and others. Koop. Kazakh. 4 no. 11;12-13 N '61.

KAZAKHSTAN—COOPERATIVE SOCIETIES—STATISTICS

Statistics on the fulfillment of the retail turnover plan for cooperative societies of Kazakhstan in 1960. Koop. Kazakh. 4 no. 1 32-36 Ja '61

KAZAKHSTAN—CORALS, FOSSIL

Taeniolites, a new late Ordovician genus of Heliolitoidea from Kazakhstan. O B. Bondarenko. Paleont. zhur. no 3-125-127 '61.

KAZAKHSTAN—CRANIOLOGY

Craniological materials from northern Kazakhstan and the origin of early Turkish nomads. Krat. soob. Inst. etn. no. 36;95-99 '62.

KAZAKHSTAN—DERMATOLOGY

Fighting venereal diseases and infectious skin diseases in Kazakhstan. U. B. Berdybaev Zdrav. Kazakh. 21 no. 6;9-12 '61

KAZAKHSTAN—DIESEL LOCOMOTIVES—COLD WEATHER OPERATIONS

The sand spraying system does not let us down in winter. Ch K. Urazbaev. Elek. i tepl. tiaga 6 no. 2 14 F '62

KAZAKHSTAN—DISTRIBUTIVE EDUCATION

Let's give more attention to the trade apprenticeship. S. Suleimenkulov. Koop. Kazakh. 4 no. 12;30-32 D '61.

Republic-wide correspondence school of the Kazakhstan Union of Cooperative Societies. Koop. Kazakh. 4 no 3 63 Mr '61.

KAZAKHSTAN—EARTHQUAKES AND BUILDING

Centralization of city hospitals under conditions prevailing in the southern earthquake districts of the Kazakh S S. R. M. A. Gura. Trudy Kazakh. fil. ASIA no. 2 23-34 '60.

Reinforced concrete exterior wall slabs containing reed, manufactured by a vertical method for use in earthquake districts. T. Zh. Zhunusov, A. N. Dolgikh. Trudy Kazakh. fil. ASiA no. 2-64-75 '60.

KAZAKHSTAN—ECONOMIC CONDITIONS

Akademiia nauk Kazakhskoi SSR. Institut filosofii prava. [Laws governing the transition of peoples in formerly underdeveloped countries to socialism; based on the Kazakh people] O zakonomernostiakh perekhoga narodov ranee otstalykh stran k sotsializmu; na primere Kazakhskogo naroda. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1961. 225 p.

Year of great triumphs. Koop. Kazakh. 4 no. 12;1-3 D '61.

Zakarin, A. Z. [The Kazakh S. S. R., story about the seven-year plan] Kazakhskaia SSR, rasskaz o semiletke. Moskva, Vses. uchebno-pedagog. izd-vo Prosvetkhoziz-da, 1961. 103 p. [MICROFILM]

KAZAKHSTAN—ECONOMIC POLICY

Give more attention to local planning organs. G. Imashbaev Nar. khoz. Kazakh. 20 no 1;80-81 Ja '62

Let us devote all efforts to carrying out the fourth year of the seven-year plan. B. Bratchenko. Nar. khoz Kazakh. 19 no. 12 3-14 D '61.

Uniform and coordinated economic plan Nar. khoz Kazakh. 20 no. 2-38-40 F '62

KAZAKHSTAN—ECONOMICS—STUDY AND TEACHING

Industrial procurement workers must have special training G. Khobotov Nar. khoz Kazakh. 20 no 2-1 F '62.

KAZAKHSTAN—EPHEDRA

Structural characteristics of annual shoots of some species of ephedra growing in Kazakhstan. Klinkmuratov. Trudy Bot. Inst. Ser. 7 no 5;10[illegible]

KAZAKHSTAN—EPIDOTE CRYSTALS

Inclusions of mineral-forming solutions in epidotes [with summary in English on p 193]. I. I. Mlazt', I. I. Koltun. Min. sbor. no 14, 325-327 '60

KAZAKHSTAN—EXCAVATING MACHINERY

Using buckets with increased capacity on SK-3 excavators in the Sokolov-Sarbay Combine. A. A. Kadyrbaev Izv. AN Kazakh. SSR. Ser. gor. dela no 2;29-33 '61

KAZAKHSTAN—FARM BUILDINGS

Economic efficiency of consolidating farmsteads on state farms and increasing the number of stories of buildings I K Miroshnichenko. Trudy Kazakh fil. AStA no 2 13-23 '60

KAZAKHSTAN—FARM MANAGEMENT

Problems in the organization of land use on state farms in virgin land regions. G. A. Kuznetsov Trudy Pochv. in-ta no. 9;55-65 '59.

KAZAKHSTAN—FERTILIZERS AND MANURES

First discovery of cave nitrogen-phosphate fertilizers in Kazakhstan G A. IArmak Sbor nauch. trud KazGMI no. 18 102-104 '59.

KAZAKHSTAN—FINANCIAL STATEMENTS

What does a report analysis show. S. Khalilov Nar. khoz. Kazakh. 20 no. 2;47-50 F '62.

KAZAKHSTAN—FORGING

Forging and jewellers' trade in the Kazakh village E. A. Masanov. Trudy Inst. ist., arkheol i etn. AN Kazakh. SSR no. 12,148-170 '61.

KAZAKHSTAN—FREIGHT AND FREIGHTAGE

Improve the organization of freight transportation A. Bekkulov, A Asilbekov, L. Kiseleva. Nar. khoz Kazakh. 20 no. 1;76-79 Ja '62

KAZAKHSTAN—FUEL

Power coals of central Kazakhstan and problems in their utilization. K. Kh. Khozhanazarov. Trudy Sov. po izuch. proizv. sil Kazakh. AN Kazakh. SSR 2:21-52 '61.

KAZAKHSTAN—GEOCHEMISTRY

Geochemistry of gallium, tin and some other elements in the process of greisenization [with summary in English]. I. G. Ganeev, D. N. Pachadzhanov, L. A. Borisenok Geokhimiia no. 9;757-764 '61.

KAZAKHSTAN—GEOLOGY, STRATIGRAPHIC

Zonal correlation of the Famennian stage of the Kara-Tau Range, western spurs of the Tien Shan, and the western part of central Kazakhstan based on brachiopods. A. I. Sidiachenko. Dokl. AN SSSR 140 no. 5; 1159-1162 O '61.

KAZAKHSTAN—GREISEN

Geochemistry of gallium, tin and some other elements in the process of greisenization [with summary in English]. I. G. Ganeev, D. N. Pachadzhanov, L. A. Borisenok. Geokhimiia no. 9;757-764 '61.

KAZAKHSTAN—GUANO

First discovery of cave nitrogen-phosphate fertilizers in Kazakhstan. G. A. IArmak. Sbor. nauch. trud KazGMI no. 18. 102-104 '59.

KAZAKHSTAN—HEALTH RESORTS, WATERING PLACES, ETC.

Late results of sanatorium treatment at the Kamenskoye Plato Health Resort. A. N. Khasenov. Zdrav. Kazakh. 21 no. 6;48-52 '61.

KAZAKHSTAN—HELMINTHOLOGY

Kazakhstan, the cradle of Soviet helminthology. D K Karabaev. Vest. sel'khoz. nauki [Kazakh.] 4 no 12-65-70 D '61.

KAZAKHSTAN—HISTORY
Akademiia nauk Kazakhskoi SSR, Institut filosofii prava. Laws governing the transition of peoples in formerly underdeveloped countries to socialism, based on the Kazakh people] O zakonomernostiakh perekhoda narodov ranee otstalykh stran k sotsializmu, na primere Kazakhskogo naroda. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1961. 255 p.

KAZAKHSTAN—INDUSTRIAL MANAGEMENT
Create a norm base. S. Pletnev. Nar. khoz. Kazakh 20 no. 2:77-79 F '62.
Spend government funds economically. I. Kim. Nar. khoz. Kazakh. 19 no. 12 15-23 D '61.
What does a report analysis show. S Khalilov Nar. khoz. Kazakh. 20 no. 2,47-55 F '62

KAZAKHSTAN—INDUSTRIES
Information. Nar. khoz. Kazakh. 19 no. 12 87-90 D '61.
Information. Nar. khoz Kazakh 20 no. 1:93-96 Ja '62
Information. Nar. khoz. Kazakh. 20 no. 2:91-96 F '62.

KAZAKHSTAN—IRON MINES AND MINING
The entire collective is struggling for high productivity rates. N. Sandrigailo. Nar. khoz. Kazakh. 20 no 2: 3-8 F '62.
Remarkable initiative of excavators. S Zhantemirov. Nar. khoz. Kazakh. 20 no. 1:61-62 Ja '62

KAZAKHSTAN—IRON ORES
Upper Devonian epoch of the sedimentary iron-manganese mineralization in eastern Kazakhstan A M Sadykov Sov. geol. 5 no. 2:136-140 F '62.

KAZAKHSTAN—IRRIGATION
Ways of improving the irrigation in the foot hill areas of Kazakhstan. V. I Alekseev Trudy Sov. po izuch proizv. sil Kazakh. AN Kazakh SSR 2:83-109 '61

KAZAKHSTAN—LIGHTWEIGHT CONCRETE
Air-entrained silicate and air-entrained concrete made from waste products of the Balkhash mining and metallurgical combine. B P Parimbetov, K. Zhapabaev. Trudy Kazakh fil. AS1A no 2 105-114 '60
Physicomechanical properties of porous aggregates made of raw material from Kazakhstan, and their effect on the properties of types of lightweight concrete. M. Z Veinshtein. Trudy Kazakh fil. AS1A no 2,138-154 '60
Use of slags from the Balkhash copper works to obtain slag "wadding" and "pumice" A. I. Nagornii, Z. D. Khusnutdinov. Trudy Kazakh fil. AS1A no 2 115-124 '60.

KAZAKHSTAN—MACHINE ACCOUNTING
Mechanize and automate the work of engineers and administrators. M. Dukhovnikov. Nar. khoz. Kazakh. 19 no. 12:83-86 D '61.

KAZAKHSTAN—MACHINERY—MAINTENANCE AND REPAIR
Important potential for reducing the costs of machine repairs. T. Khomiachikova. Nar. khoz Kazakh. 20 no. 2:56-59 F '62.

KAZAKHSTAN—MACHINERY INDUSTRY
Current problems in cooperation. P. Skliarov Nar. khoz. Kazakh. 20 no. 2:89-91 F '62
Venzovskii, A. I. [Machinery manufacturing industry of Kazakhstan in the current seven-year plan] Mashinostroitel'naia promyshlennost' Kazakhstana v tekushchem semiletii. Alma-Ata, TSentr. in-t nauchno-tekhn. informatsii, 1960. 11 p.

KAZAKHSTAN—MANGANESE ORES
Upper Devonian epoch of the sedimentary iron-manganese mineralization in eastern Kazakhstan. A. M. Sadykov Sov. geol. 5 no. 2:136-140 F '62.

KAZAKHSTAN—MEDICAL RESEARCH
Some planning problems in medical science in Kazakhstan. Zdrav. Kazakh. 21 no 10:3-6 '61.

KAZAKHSTAN—MINERALS
Characteristics of the formation of accessory minerals in granites of the Bayan-Aul region V. K. Monich, G. N. Gogel'. Sbor. nauch. trud. KazGMI no. 18:184-207 '59.

KAZAKHSTAN—MINES AND MINERAL RESOURCES
Wealth of our mineral resources. Nar. khoz. Kazakh 20 no. 2:62-63 F '62.

KAZAKHSTAN—MINING ENGINEERING
Kazakh S. S. R. Gosudarstvennyi komitet po nadzoru za bezopasnym vedeniem rabot v promyshlennosti i gornomu nadzoru. [Basic instructions for calculating losses and impoverishment of minerals in working ore, nonmetallic and placer deposits of the Kazakh S. S. R.] Osnovnye ukazaniia po ucheta poter' i razubozhivaniia poleznykh iskopaemykh pri razrabotke rudnykh, nerudnykh i rossypnykh mestorozhdenii Kazakhskoi SSR. Alma-Ata, 1960. 26 p.
[MICROFILM]

KAZAKHSTAN—MONEY
Work practice in currency circulation. A. Andreev. Fin. SSSR 23 no. 2:63-65 F '62.

KAZAKHSTAN—MUSKRATS
Work and needs of muskrat breeders IU Parshin Koop. Kazakh. 4 no 3 43-44 Mr '61

KAZAKHSTAN—OIL FIELDS
Mangyshlak Peninsula and Ust-Urt depressions. IU. M. Kleinei Priroda 51 no 2:105-108 F '62

KAZAKHSTAN—OIL FIELDS—PRODUCTION METHODS
Western Kazakhstan is the richest oil- and gas-bearing region. D. Dosmukhambetov. Nar. khoz. Kazakh. 19 no. 12:33-35 D '61.

KAZAKHSTAN—ORE DEPOSITS
Appraising and prospecting the Koktas Zhartas deposit T. M Al'zhanov Sbor nauch trud KazGMI no 18 131-136 '59.
Concerning the seaconst placers in ancient geological complexes G. P. Burdukov Sbor nauch trud KazGMI no. 18 164-170 '59
Sequence in the hypogene mineralization of complex metal deposits in the Aleksandrovskoye ore deposit. P M Mossun. Sbor nauch trud. KazGMI no 18 231-238 '59

KAZAKHSTAN—PAINTING
Responsibility to our era. O. Dzhusupova Part. zhizn' Kazakh. 32 no. 2:61-64 F '62.

KAZAKHSTAN—PASTURES AND MEADOWS
Organization of water supply in pasture areas of Hoz, Kara, and Taukum. P. P. Nikitenko Vest sel'khoz nauki [Kazakh] 4 no 11 3-9 N '61

KAZAKHSTAN—PEDDLERS AND PEDDLING
He is one of them. L. Alekseev. Koop. Kazakh. 4 no. 12:26-27 D '61

KAZAKHSTAN—PHARMACY
Development of pharmacy in Kazakhstan. S Subkhanberdin Zdrav. Kazakh 21 no. 6:12-17 '61

KAZAKHSTAN—PORPHYRY
Industrial tests of vitrophyre from the Arkharly deposit to obtain cellular glass. L. M Shnil'kov. Trudy Kazakh fil AS1A no 2 174-187 '60.

KAZAKHSTAN—PRECIPITATION (METEOROLOGY)
Synoptic atmospheric conditions of the formation of precipitation during the cold part of the year in the piedmont regions of Kazakhstan E. D Shekhtman Trudy KazNIGMI no 14 3-12 '61

KAZAKHSTAN—PRESS
"Origin of the communist press in Kazakhstan" by S. Imashev, Reviewed by S. Matvienko. Part zhizn' Kazakh. 32 no. 2:74-77 F '62.

KAZAKHSTAN—PROSPECTING
Appraising and prospecting the Koktas Zhartas deposit T M. Al'zhanov Sbor nauch trud. KazGMI no 18. 131-136 '59

KAZAKHSTAN—PSYCHIATRY
From the history of psychiatry in Kazakhstan (up to the second half of the 19th century). M Kh Gonopol'skii. Vop. psikh. no. 4:41-46 '60.

KAZAKHSTAN—QUARTZ
Diuses of cap quartz from central Kazakhstan. R. V. Musgutov Sbor nauch trud. KazGMI no. 18 159-163 '59

KAZAKHSTAN—QUARTZITE
Quartzites of central Kazakhstan. A. A. Kudenko. Sbor. nauch. trud KazGMI no. 18 90-91 '59

KAZAKHSTAN—RELATIONS (GENERAL) WITH RUSSIA
Akademiia nauk Kazakhskoi SSR, Alma-Ata. [Collected documents and source materials on Russo-Kazakh contacts in the 16th and the 17th centuries] Kazakhsko-russkie otnosheniia v XVI-XVII vekakh, sbornik dokumentov i materialov. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1961. 739 p.

KAZAKHSTAN—RESTAURANTS, LUNCHROOMS, ETC.
Expand the system of public-dining enterprises. L. Khasenov. Nar. khoz. Kazakh. 20 no. 2:64-70 F '62.
Lunchroom on a state farm N Bodarenko, G. Chuikin, N. Bukharskii. Koop Kazakh. 4 no. 2 49-50 F '61.

KAZAKHSTAN—RETAIL TRADE
Heroism of our days. A Isaev Koop. Kazakh. 4 no. 2: 27-29 F '61
Trade and service industries for the population of the Virgin Territory are at the center of attention Koop. Kazakh 4 no. 2:19-25 F '61.

KAZAKHSTAN—ROADS, CONCRETE
Corrosion of the concrete of road bridges, pipes, etc. in southern Kazakhstan. A. I. Minas, V. P. Trenkina, M. M. Erkenov. Trudy Kazakh. fil. AS1A no 2,161-173 '60.

KAZAKHSTAN—ROCKS, IGNEOUS
Proterozoic and Salair-Caledonian intrusive complexes in the northeastern part of central Kazakhstan. G. F. Lispichev. Sbor. nauch trud. KazGMI no 18:151-158 '59.

KAZAKHSTAN—RUNOFF
Estimating annual runoff variations in the rivers of Kazakhstan by the greatest probability method L T Blokhinov Trudy Gidroproekta no 4 111-117 '60

KAZAKHSTAN—SILVERSMITHING
Forging and jewellers' trade in the Kazakh village E. A. Masanov. Trudy Inst. ist., arkheol i etn AN Kazakh SSR no. 12,148-170 '61

KAZAKHSTAN—SKARNS
Predicting and searching for subsurface skarn-ore bodies and deposits G. P. Burdukov. Sbor. nauch trud. Ka. GMI no. 18 239-254 '59

KAZAKHSTAN—SOCIALIST COMPETITION
Movement that took hold of millions. G. Petukhova Nar. khoz. Kazakh 20 no 1:54-60 Ja '62

KAZAKHSTAN—SOIL RESEARCH
Development of soil science in Kazakhstan. U. U Uspanov. Lv AN Kazakh SSR Ser. bot i pochv. no. 2 3-8 '61

KAZAKHSTAN—STATE FARMS
Economic efficiency of consolidating farmsteads on state farms and increasing the number of stories of buildings. I K. Miroshnichenko. Trudy Kazakh fil AS1A no 2 13-24 '60

KAZAKHSTAN—STORES, RETAIL
Firm steps S. Prikhod'ko. Koop. Kazakh. 1 no. 1 14-16 Ja '61

KAZAKHSTAN—STRIP MINING
Utilize the advantages of open-pit mining to a maximum B. IUsupbekov. Nar. khoz. Kazakh. 20 no. 2:86-88 F '62

KAZAKHSTAN—SURGERY
Development of surgery in Kazakhstan during 40 years of Soviet power. M I. Brinkin Zdrav. Kazakh 21 no 6: 3-8 '61

KAZAKHSTAN—SURGICAL SOCIETIES
Work of the Kazakh Surgical Society in 1960. G. K. Tkachenko. Zdrav Kazakh 21 no. 5:78-79 '61

KAZAKHSTAN—TECHNICIANS IN INDUSTRY
In the State Planning Committee of the Kazakh S S R Nar. khoz. Kazakh. 20 no 1,91-92 Ja '62

KAZAKHSTAN—TELECOMMUNICATION—EMPLOYEES
Efficient work of the communication workers of the Eastern Kazakhstan A M Bykov Vest sviazi 22 no. 2 18-20 F '62.

KAZAKHSTAN—TUBERCULOSIS
Development of medical science in the field of tuberculosis in the Republic V. I. Ziuzin. Zdrav. Kazakh. 21 no. 10:3-8 '61

KAZAKHSTAN—VENEREAL DISEASES
Fighting venereal diseases and infectious skin diseases in Kazakhstan U. B. Berdybaev. Zdrav. Kazakh. 21 no. 6,9-12 '61.

KAZAKHSTAN—VOCATIONAL EDUCATION
For better personnel. Zh. Tynyshbaev. Koop. Kazakh. 4 no. 11:36-38 N '61.

KAZAKHSTAN—WATER, UNDERGROUND
Underground waters of the continental Oligocene in the Turgay trough and northern Kazakhstan N. M Vladimirov, Zh Sydykov, S M. Mukhamedzhanov Sbor. nauch. trud KazGMI no 18,92-101 '59

KAZAKHSTAN—ZOOGEOGRAPHY
Faunistic complexes of mammals in Kazakhstan and their interrelationship with the Palearctic fauna. A. V Afanas'ev. Vest. AN Kazakh SSR 18 no. 1:38-45 Ja '62.

KAZAN—CHILDREN—NUTRITION
Nutrition of children in preschool boarding establishments in Kazan and suggestions for its improvement A. N. IUmusova and others. Kaz. med. zhur. no. 4:84-86 Jl-Ag '61.

KAZAN—DERMATOMYCOSIS
Prevention of epidermophytosis in certain industries at Kazan. R. A. Solivanova Kaz. med. zhur. no. 4:88-91 Jl-Ag '61.

KAZAN—EDUCATION OF CHILDREN
Tatar A.S.S.R. Nar. obr. no. 3:15a-16d Mr '62.

KAZAN—HELICOPTERS
Fliers from Kazan have kept their promise. V. Shalimov. Kryl. rod. 12 no. 10:20-22 O '61.

KAZAN—MANUAL TRAINING
Exercises in school workshops. R. A. Nizamov. Dokl. APN 5 no. 5:17-20 '61

KAZAN—RICKETS
Main steps in the study of rickets in Kazan. K. A. Sviatkina. Kaz. med. zhur. no. 4:103-106 Jl-Ag '61.

KAZAN—SCARLET FEVER

Clinical and epidemiologic characteristics of scarlet fever at Kazan for the period 1950 to 1958 A. R. Shagidullina. Kaz med zhur no 4,53-58 Jl-Ag '61

KAZAN—SURGERY

History of the Kazan Surgical Hospital; on the 100th anniversary of its foundation N. V. Sokolov. Kaz med zhur no 4,106-109 Jl-Ag '61

KAZANGAN REGION—SALT DOMES

Salt domes of Bet-Pak-Bela (southern Kazakhstan). V. I Ditmar Dokl AN SSSR 140 no.5:1144-1147 O '61.

KAZANSKII, BORIS ALEKSANDROVICH, 1891-

Outstanding contribution to the scientific foundations of petrochemistry, the 70th birthday of Academician Boris Aleksandrovich Kazanskii M. I Rozengart, A. L Liberman Neftekhimiia 1 no 2 129-140 Mr-Ap '61

KEITA, N'FAMARA, 1924-

People and events Nov. vrem 20 no 11 22, 29 Mr '62

KEMEROVO—COKE INDUSTRY—EQUIPMENT AND SUPPLIES

Modernization of equipment and mechanization of labor consuming processes L. I. Zlatin. Koks i khim. no 6 54-58 '61

KEMEROVO—THEATER

In Kemerovo A Vol'fson Teatr 23 no 2 136-138 F '62

KEMEROVO PROVINCE—FALLOWING

Effectiveness of green fallows in Kemerovo Province V Metel'skii, L. Shamaeva, V Sviridovich Zemledelie 24 no 1 22-27 Ja '62

KEMEROVO PROVINCE—SUGGESTION SYSTEMS

Innovators' money box. I. Solodovnikov. Sov. profsoiuzy 18 no 1,12-13 Ja '62

KEMEROVO PROVINCE—TECHNOLOGICAL INNOVATIONS

Innovators' money box. I. Solodovnikov. Sov. profsoiuzy 18 no 1:12-13 Ja '62.

KENTAU REGION—MINE ROOF BOLTING

Efficient design of rod bolting for the Mirgalimsay Mine. V. P. Ivanov, N. D. Livshits, A. I Lipovoi Gor zhur no 10,50-53 O '61

KERATIN

Studying the cornification of the skin epithelium in lizards (Lacerta agilis, L. vivipara) by the use of methionine-S^{35} T. L Poltakova Dokl AN SSSR 142 no 6:1399-1402 F '62

KERCH PENINSULA—IRON MINES AND MINING

The economic effectiveness of the comprehensive exploitation of Kerch iron mines. M. Kugushev, M. Serdenko Ekon Sov. Ukr no 3 77-84 My-Je '61

KERCH PENINSULA—MAGNETITE

Magnetite from agglomerates of Kerch iron ores. N. A. Vasiutinskii Zap Vses. min. ob-va 90 no. 6:731-735 '61

KERESZTURY, FERENC, 1735-1811

From the history of physiology in Russia in the 18th century Professor F. Keresztury (1735-1811) K. K. Sil'vai Fiziol zhur. 48 no 2,223-226 F '62.

KEROSENE—COMBUSTION

Determining heat capacity and gas constant of the products of kerosene combustion in humid air A. A Bulavkin. Izv. vys. ucheb. zav ;av. tekh 4 no 4:138-143 '61.

KETONES

Aromatic compounds with a long side chain. Part 8. Reactions of alkyl-(4-chlorophenyl) ketones with phosphorus pentachloride. L. N. Nikolenko, S. I. Popov. Zhur. ob. khim. 32 no. 1 29-32 Ja '62.

Catalytic synthesis of β-arylamino ketones. N. S. Kozlov, A. D. Nikolaev. Zhur ob. khim 31 no 12:3894-3896 D '61.

Condensation of β, β-dichloroacrolein with cyclic ketones and the cyclization of condensation products obtained to α-pyrone derivatives L. I. Zakharkin, L. P. Sorokina. Izv AN SSSR Otd khim nauk no. 2 287-290 F '62.

Mechanism of the liquid phase oxidation of aliphatic ketones L. K. Obukhova, A. A. Boldin, N. M. Emanuel' Neftekhimiia 1 no 1:70-73 Ja-F '61

Isomeric transformation of oxidation products of some α-, β-unsaturated ketones. I. G. Tishchenko. Zhidkofaz. okis. nepr. org. soed. no. 1:123-131 '61.

Oxidation of methyl vinyl ketone and methyl isopropenyl ketone by alkaline hydrogen peroxide. I. G. Tishchenko. Zhidkofaz. okis. nepr. org. soed. no 1:73-82 '61.

Oxidative and oxidative-hydrolytic transformations of organic molecules. Part 34: Synthesis, properties, and hydrolytic transformations of halo- and hydroxytriketones of the tetralin series. L. A. Shchukina, E. P. Semkin. Zhur. ob khim. 32 no. 2:473-483 F '62.

Structure of products of addition of trialkyl phosphites to α-diketones. V. A. Kukhtin, K. M. Kirillova, R. R. Shagidullin. Zhur. ob. khim. 32 no. 2:649-650 F '62.

Synthesis of ketone esters and ketones by the reaction of chloroarylbutenes with sodium acetoacetic ester [with summary in English] M. I. Hanushchak, M. M IUkhomenko, A. V. Dombrovs'kyi Dop. AN URSR no. 2,211-215 '62

Synthesis of p-ethoxy and p-ethyl derivatives of p-arylamino ketones N. S Kozlov, L. IU Pinegina, E. A. Selezneva. Zhur ob khim 32 no 2:436-439 F '62.

Treating trichomycosis with a 4-percent epilin ointment. L. A. Slonimskii, V. N. Matveev, V. S. Sagatov Med zhur. Uzb no 9:17-20 S '61

KETS

Transportation means among the Kets. E. A. Alekseenko Trudy Inst etn 64 64-97 '61

KEYVY UPLAND—CHLORITOID

Chloritoid from crystalline schists in the western Keyvy Upland. C. N. Suslova Mat po min Kol' poluost 1: 113-118 '59.

KEYVY UPLAND—CYANITE

Cyanite from contact zones of cyanite schists with metabasites in the Keyvy Upland I V Bel'kov Mat po min. Kol', poluost. 1:135-142 '59

KEYVY UPLAND—METABASITES

Cyanite from contact zones of cyanite schists with metabasites in the Keyvy Upland. I V. Bel'kov. Mat. po min Kol', poluost. 1:135-142 '59.

KHABAROVSK—BOARDING SCHOOLS

Where Derzu walked. V. Ilesh. Smena 39 no. 3:20-21 F '62.

KHABAROVSK—PAYMENT

Ways for strengthening the payment discipline of organizations operating on a business accounting basis. M. Astakhov Den i kred. 20 no. 2:62-64 F '62.

KHABAROVSK—THEATER

In Khabarovsk A. Moralevich Teatr 23 no 2 130-132 F '62.

KHACHATURIAN, ARAM IL'ICH, 1904-

Karaglulian, E. G. [Symphonic works of Aram Khachaturian; on the adaptation of folk music to works of musical drama] Simfonicheskoe tvorchestvo Arama Khachaturiana, k vopr osu o narodnykh istokakh i ikh preobrazovanii v muzykal'noi dramaturgii proizvedenii. Erevan, Armgosizdat, 1961 190 p

KHAIDAROV, AKHAT KHALIKOVICH, 1911-

Professor A Kh. Khaidarov; on his 50th birthday. A. Z. Vakhidov Med zhur. Uzb no 12:81 D '61

KHAIKIN, SEMEN EMMANUILOVICH, 1902

Sixtieth anniversary of the birth of S. E. Khaikin. Radiotekhnika 17 no. 1:78-79 Ja '62

KHAL'MER-YU REGION—FROZEN GROUND

Stone polygons in the Khal'mer-Yu district. T F. Ivanova. Trudy Inst. merzl. AN SSSR 17 73-75 '61.

KHALMURATOV, URAZMET KHALMURATOVICH, 1900-

Sixtieth birthday of U. Kh. Khalmuratov, chief surgeon of the Kara-Kalpak A. S. S. R. D. S. Karimov. Med. zhur. Uzb. no 6 77-78 Je '60.

KHAMZA, KHAKIM-ZADE NIIAZI, 1889-1929

Brief news. Obshchestv. nauki v Uz. no. 3:74-75 '61.

A prominent son of the Uzbek nation. Obshchestv. nauki v Uz no. 3:3-5 '61

KHANTY-MANSI NATIONAL AREA—TAIGAS

Taiga and the people (to be continued). A. Efremov, E. Fedorovskii. Vokrug sveta no. 5:24-27 My '61.

KHARCHINSKIY VOLCANO

Some recent data on the Kharchinskiy and Zarechnyy Volcanoes. N. V. Ogorodov, V. I. Belousov. Biul. Vulk. sta. no. 31:48-51 '61.

KHARKOV—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Let's give priority to the work with propagandists. N. Shevchenko. Polit samoobr. 6 no. 3:98-102 F '62.

KHARKOV—HISTORICAL MUSEUMS

With us in the people's museum. V. Skirtach. Sov. profsoiuzy 18 no. 1:30-31 Ja '62.

KHARKOV—HOSIERY INDUSTRY—QUALITY CONTROL

Selfinspecting brigades at the Kharkov hosiery factory. A. P. Katerinchuk Tekst. prom. 21 no. 6:91-92 Je '61

KHARKOV—LIBRARIES

Mass survey of literature at industrial plants and in research organizations as an active form of book promotion. A. G. Dubovis. Bibliot. SSSR no. 18:89-94 '61.

KHARKOV—MACHINERY INDUSTRY

Kaskov, A. I. [First workingmen's club] Pervyi Rabochii klub. [Moskva] Izd-vo VTsSPS Profizdat, 1961. 101 p.

KHARKOV—RAILROADS—EMPLOYEES

With us in the people's museum. V. Skirtach. Sov. profsoiuzy 18 no 1:30-31 Ja '62

KHARKOV—SERVICE INDUSTRIES

After the reorganization P. Skibin Mest. prom i khud promys 3 no. 1 24 Ja '62

KHARKOV—TEACHERS, TRAINING OF

Training of mechanical drawing teachers at the physico-mathematical faculty of a pedagogical institute. N. M Chernetskii, T. G. Ivnitskii, K. P. Lopatkin. Sov pedag. 26 no 1:84-94 Ja '62.

KHARKOV—THEATER

"Followers of Korchagin." V. Dubrovskii. Teatr 24 no. 2 95-97 F '62.

KHARKOV—TRACTOR INDUSTRY

Automatic line for manufacturing crawler band pins. I. M. Petrov Mashinostroitel' no. 2:12 F '62

Some automation problems at the Kharkov and Stalingrad Tractor Plants G. A Vasil'ev. Nauch trudy MIL no 18:107-116 '61

KHARKOV—TRACTORS

Feature stories of "Ukraina." Ukraina no 3 5 1 '62

KHARKOV—TRAFFIC ENGINEERING

Underground passageways or a pedestrian center? R. Liubarskii Stroi i arkhit 9 no 12 17 D '61

KHARKOV—TURBINES

Pulse of the seven-year plan. F. Chernetskyi. Znam. ta pratsia no. 2 4-5 F '62.

KHARKOV—WORKINGMEN'S CLUBS

Kaskov, A. I. [First workingmen's club] Pervyi Rabochii klub. [Moskva] Izd-vo VTsSPS Profizdat, 1961. 101 p.

KHARKOV ECONOMIC REGION—CAPITAL INVESTMENTS

Concentration of capital investments is the way to increase their efficiency P. Gubar'. Stroi. i arkhit 9 no. 12 18 D '61.

KHARKOV PROVINCE—COLLECTIVE FARMS—INTER-FARM COOPERATION

We are inspecting the operations of inter-collective farm organizations. A. Sutyrin Fin. SSSR. 23 no. 1 62 no Ja '62.

KHARKOV PROVINCE—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

"At the forefront of the masses; how the Kharkov Province organization of the Communist Party of the Ukraine carried out the decisions of the 20th and 21st Congresses of the CPSU" by G. M. Okladnoi. Reviewed by I. P. Kozhukalo. Ukr. ist zhur. 6 no. 3:119-121 Mr-Ap '62.

KHARKOV PROVINCE—EVENING AND CONTINUATION SCHOOLS

Let's improve the existing forms of general adult education and search for new ones. A. E. Monkych. Nar shk. 40 no. 2:54-57 F '62.

KHARKOV PROVINCE—EXCAVATIONS (ARCHAEOLOGY)

Investigating old-Russian iron articles in the ancient settlement of Donetskoye. B. A. Shramko and others Sov. arkheol. no 7 74-87 '61

KHARKOV PROVINCE—FINANCE

We are inspecting the operations of inter-collective farm organizations. A. Sutyrin. Fin. SSSR 23 no. 1 62-64 Ja '62.

KHARKOV PROVINCE—MACHINERY INDUSTRY

Practice in studying the structure and establishing norms for the number of administrative personnel in machine manufacturing plants. R. Martynenko Biul. nauch inform. i trud i zar plata 5 no 1:33-39 '62

KHARKOV PROVINCE—SEED INDUSTRY—ACCOUNTING

Accounting for seeds is a business of state importance I. F. Gurenko. Uchet i fin. v kolkhoz. i sovkhoz 19 no. 1:17-18 Ja '62.

KHARKOV PROVINCE—SURGICAL SOCIETIES

Short account of the work of the Kharkov Province Society of Surgeons in 1959. R. A. Goshvantner. Nov. khir. arkh. no. 3:117-119 My-Je '60.

KHARTSYZSK—ELECTRIC WELDING

Television is a reliable aid for welders. V. F. Tiurin. Mashinostroitel' no. 3:14-16 F '62.

KHARTSYZSK—INDUSTRIAL TELEVISION

Television is a reliable aid for welders. V. F. Tiurin. Mashinostroitel' no. 2:14-16 F '62.

KHAZAN-ANDREEVA, DORA MOISEEVNA, 1894-1961

D. M. Khazan-Andreeva; obituary. Tekst. prom. 21 no. 12:80 D '61.

KHERSON—CRACKING PROCESS
Redesigning a thermal cracking plant. I.S Kolosov. Neftianik 7 no.2 12-11 F '62.

KHERSON PROVINCE—SEVENTH-DAY ADVENTISTS
Face to face D Koretskyi Volov. ateist no. 2 23-26 F '62

KHERSON PROVINCE—STANDARDIZATION
Conference on standardization at the Kherson Economic Council V K. Evdosiuk Standartizatsiia 26 no. 2· 53-54 F '62

KHIBINY MOUNTAINS—HYDROCARBONS
Origin of hydrocarbon gases and trace bitumens of the Khibiny alkali massif [with summary in English]. I. A. Petersile Geokhimiia no 1 15-29 '62

KHIBINY MOUNTAINS—PEGMATITES
Mineralogy of alkaline pegmatites in the Khibiny mountains and Lovozero Tundras. B. I. Semenov. Mat po min. Kol', poluost. 1.102-106 '59.
Structural characteristics of the gigantic pegmatic body in ijolite-urtites of Yukspor Mountain (Khibiny Mountains). O B. Dudkin. Mat. po min. Kol', poluost 1:14-19 '59.

KHIBINY MOUNTAINS—PLANT TEMPERATURE
Seasonal variations of the thermostability of the cells of some plants of the Khibiny Mountains G G Shukhtina. Bot. zhur. 47 no. 1·100-105 Ja '62.

KHIBINY MOUNTAINS—STRONTIANAPATITE
Strontianapatite of the Khibiny Mountains. O. B. Dudkin. Mat. po min. Kol', poluost. 1:107-111 '59.

KHIBINY MOUNTAINS—VILLIAUMITE
Villiaumite of Kukisvumchorr Mountain in the Khibiny Mountains. P. K. Semenov. Mat. po min Kol', poluost 1·112-115 '59.

KHIVA—FOREIGN RELATIONS—RUSSIA
Relations between the Soviet Union and Khiva [in Uzbek with summary in Russian]. U Tukhtakhanov. Obshchestv. nauki v Uz. no 2·20-27 '61.

KHMELEVOYE DISTRICT—ANTIQUITIES
Antiquities found near the village of Sukhoy Tashlyk, Roman IUra Ukraina no. 5.32 Mr '62

KHODZHIKENT—CAVES
The Khodzhikent cave, and new Mousterian monument of Uzbekistan. A. P. Okladnikov. Krat. soob. Inst. arkheol. no. 82,66-76 '61.

KHODZHIKENT—STONE AGE
The Khodzhikent cave, and new Mousterian monument of Uzbekistan. A. P. Okladnikov. Krat. soob. Inst. arkheol. no. 82·66-76 '61.

KHOMUTETS—AGRICULTURE
Facing the steppe winds. D. Sanzharevs'kyi. Znan. ta pratsia no. 2 9 F '62.

KHONIKI DISTRICT—POLITICS AND GOVERNMENT
Activists are the backbone of the Soviets. P. Spiridonov. Komm, Bel. 36 no. 3;13-17 Mr '62.

KHOREZM PROVINCE—ARCHAEOLOGICAL SURVEYING
Using aerial photography methods in archaeological explorations S. P. Tolstov, B. V. Andrianov, N. I. Igonin. Sov arkheol 6 no 1;3-15 '62.

KHOREZM PROVINCE—PHOTOGRAMMETRY
Using aerial photography methods in archaeological explorations. S. P. Tolstov, B. V. Andrianov, N. I. Igonin Sov. arkheol. 6 no. 1;3-15 '62.

KHOYNIKI DISTRICT—CORN (MAIZE)
We have visited the "Khtrychnik" State Farm. Hlilna Vasilevskaia. Rab. i stal. 37 no. 6;4-5 Je '61.

KHOYNIKI DISTRICT—LUPINE
There is a woman on a state farm. I. Pinchuk Rab i stal. 38 no. 3;8-9 Mr '62

KHRAM HYDROELECTRIC POWER STATION NO. 2.—TUNNELING
Cutting tunnel No. 2 in construction of the Khram Hydroelectric Power Station No. 2. N. D. Charkhalashvili. Gidr. stroi. 32 no. 12;0-11 D '61.

KHRAM RIVER—RUNOFF
Formation of the runoff of the Khram River and its long-term forecasting. V. N. Rukhadze. Sbor. rab. po gidrol. no. 1;01-95 '59.

KHRENNIKOV, TIKHON NIKOLAEVICH, 1913-
Boganova, T. V. [Motion-picture music composed by T. N. Khrennikov] Kinomuzyka T. N. Khrennikova. Moskva, Sovetskii kompozitor, 1961. 23 p.

KHRUSHCH, KATERYNA IVANIVNA, 1919-
Kateryna Ivanivna Khrushch. O. D. Zlamoshnyk, A. D. Shyganov. Ukr. mova v shkoli 12 no. 1;62-66 Ja-F '62.

KHRUSHCHEV, NIKITA SERGEEVICH, 1894-
Bolarskii, I. F., and K. N. Shalabaev, comps. [Nikita Sergeevich Khrushchev in Kazakhstan during March, 1961] Nikita Sergeevich Khrushchev v Kazakhstane, mart 1961. Alma-Ata, Kazakhskoe gos. izd-vo, 1961 362 p.

KIDNEYS—CANCER
Cancer of the kidneys in children. M. Sh Shakurov Med zhur Uzb no. 2 71-72 F '60

KIDNEYS—DISEASES
Case history of hydronephrosis simulating the picture of an "acute abdomen" A. A. Aidarov Kaz. med. zhur. no. 4, 63 Jl-Ag '61.
Case of a stone in the ureter complicated by atrophy of the kidney I. M. Priev Med zhur Uzb no 11;71-72 N '61
Case of hemorrhagic fever with renal syndrome in the Tatar A. S. S. R. L. V. Danovskii Kaz med zhur. no 4;75-76 Jl-Ag '61
Clinical anatomical characteristics of nephritis in chronic septic endocarditis E. N. Solomina, M. A. Potekhaeva. Vest. AMN SSSR 16 no. 12;33-39 '61
Corticosteroid therapy in Nephritis M. S. Vovsi, M IA. Ratner Vest. AMN SSSR 16 no. 12 9-20 '61
Cytology of experimental nephritis. G. I. Naumova. Vest. AMN SSSR 16 no 12;24-33 '61
Data on the study of drugs used in Chinese popular medicine for treating hypertension, nephritis, diabetes and cancer Report No 2, G. K. Nikonov and others. Ark. delo 10 no 6;73-78 N-D '61
Paranephritis opening into the bronchus. P. V. Mikhailets Zdrav. Bel 7 no 12·62 D '61.
Some problems in the pathogenesis and treatment of nephritis; (experimental data). E. M. Tareev, V V Sura, L. R. Poliantseva. Vest. AMN SSSR 16 no. 12;3-9 '61
Therapeutic action of vitamin P in acute and chronic nephritis R. I. Gordon. Vest. AMN SSSR 16 no. 12, 20-24 '61

KIDNEYS—RADIOGRAPHY
Causes of the fuzzy kidney image in retropneumoperitoneum E M Shimkus Vest rent i rad 36 no 6 67-69 N-D '61
Method for double contrasting of the renal cavities in diagnosing "invisible" calculi. L. A. Idel'son Vest. rent. i rad. 36 no. 4.82-83 Jl-Ag '61
X-ray diagnosis of renal-intestinal fistulas. A V Savelov. Vest. rent i rad 36 no 6 66 N-D '61.

KIDNEYS—TUMORS
Atypical clinical course of tumors of the kidneys. V. F. Krivorot'ko. Nov. khir. arkh. no. 1 68-70 Ja-F '60.
Case of cystic hemangioma of the cerebellum (Lindau's tumor) with the presence of simultaneous metastasis of hypernephroma in the cerebellum [with summary in French]. R George, F Francise Zhur. nevr i psikh 61 no 11 1644-1649 '61
Renal tumors produced with synestrol and diethylstilbestrol in golden hamsters [with summary in English] R. I Pol'kina. Vop. onk 7 no. 7·35-41 '61.
Tumors of the kidneys in childhood. N. A. Klinberg. Sov. med 25 no. 12;126-130 D '61.

KIEV—ADULT EDUCATION
Mutual assistance. K. Zakaliuk and others. Ukraina no 4.6-7 F '62.

KIEV—APARTMENT HOUSES
[Construction of apartment houses from large slabs] Stroitel'stvo zhilykh zdanii iz krupnykh panelei; iz opyta Glavkievstroia. [By] A. M. Boichenko i dr. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 128 p. (Opyt zhilishchnogo stroitel'stva)

KIEV—BALLET
In the Theater of Opera and Ballet. I. Molostova. Teatr 23 no. 2 176-177 F '62.

KIEV—BOOKSELLERS AND BOOKSELLING
Monument to Nikolai Ostrovskii. M. Sviatskii. Sov. knizh. torg. 15 no. 2;24-25 F '62.

KIEV—CARDIOVASCULAR SYSTEM—DISEASES
Comparison of barometric pressure differences with the course and outcome of cardiovascular diseases in Kiev [with summary in English]. A. N. Zhurenko. Vrach. delo, no. 1;18-26 Ja '62.

KIEV—CONSTRUCTION INDUSTRY
Ver, A. IA., and A. T. Plastinin. [Petro Stepanchuk, construction worker] Budivel'nyk Petro Stepanchuk. Kyiv, Derzh. vyd-vo lit-ry z budivnytstva i arkhit., URSR, 1961. 40 p. (Maisky budivnykiv komunizmu)
We are building. Ukraina no. 4;8 F '62.

KIEV—ELECTRIC UTILITIES
History of electric power engineering in Kiev. V. O. Kamenieva. Nar z ist. tekh. no. 7;44-66 '61.

KIEV—HISTORY
Discussion of the second volume of the "History of Kiev" at a readers' conference. P. I. Zhevakhov, H. M. Kurii. Ukr. ist. zhur. 6 no. 2;154-155 Mr-Ap '62.

KIEV—MOTORBUS LINES—STATIONS
Kiev Terminal Station A. Mileiskii. Avt. transp. 40 no 2·12-13 F '62.

KIEV—ONCOLOGICAL SOCIETIES
Account of the work of the Kiev Oncological Society in 1959 I. F IUnda Nov. khir arkh. no 3 121-122 My-Je '60

KIEV—OPERA
In the Theater of Opera and Ballet. I Molostova. Teatr 23 no 2 176-177 F '62

KIEV—PLANETARIA
A journey through the universe. M. Mykhailiuk. Volov. ateist no 2 58-59 F '62.

KIEV—RAILROADS—STATIONS
The capital of the Ukraine needs a modern railroad passenger terminal G. Golubev. Stroi. i arkhit 9 no. 12 16-17 D '61

KIEV—SCIENTIFIC LIBRARIES
Spiritual riches of our people. V. Donchak. Volov. ateist no 1,19-21 Ja '62.

KIEV—SHIPBUILDING
The centenary of the industrial plant "Lenin's Smithy." R.S. Kats. Ukr. ist. zhur. 6 no. 1 143-146 Ja-F '62

KIEV—THEATER
In Kiev O Dziubinskaia. Teatr 23 no 2·170-176 F '61.

KIEV—WORLD WAR, 1939-1945
"The heroic city of Kiev; collected materials on the heroic work of its people during the Great Patriotic War," Reviewed by M. V. Koval' Ukr. ist. zhur. 6 no. 2;135-136 Mr-Ap '62.

KIEV—ZOOLOGICAL GARDENS
Zoological garden in winter. S. Puchkov. Znan. ta pratsia no. 2·32 F '62.

KIEV PROVINCE—AGRICULTURAL MACHINERY—MAINTENANCE AND REPAIR
Concerning the specialization of repair enterprises. S. Tiutiunik. Tekh. v sel'khoz. 22 no. 2;75-76 F '62

KIEV PROVINCE—CONSTRUCTION INDUSTRY—FINANCE
Determine available working capital correctly. S. Orliuk, S. IAtsenko. Fin. SSSR 23 no. 2;68-70 F '62.

KIEV PROVINCE—ORTHOPEDIC SOCIETIES
Report on the 353rd session of the Kiev and Kiev Province Society of Traumatologists and Orthopedists. P. P. Serdiuk. Ortop., travm i protez no 12·62-63 '61

KIEV PROVINCE—SECTS
A torn web. V Rehentiuk. Volov. ateist no. 1·30-32 Ja '62

KIEV PROVINCE—SURGICAL SOCIETIES
Minutes of meetings of the Kiev and Kiev Province Surgical Society Nov. khir arkh. no. 4;134-143 Jl-Ag '60.
Session notes for the Surgical Society of Kiev and Kiev Province. D. M. Gorodinskii. Nov. khir. arkh no. 3 122-141 My-Je '60.
Session notes for the Surgical Society of Kiev and Kiev Province; notes No 7 from June 17, 1959, and notes No. 8 from September 16, 1959 D. M Gorodinskii. Nov. khir. arkh no. 1;135-141 Ja-F '60.

KIL'MENTSY DISTRICT—GEOLOGY, STRATIGRAPHIC
Mousterian layers of the ancient site of Molodova No. 5. A. P. Chernysh. Krat. soob. Inst. arkheol. no. 92;77-85 '61.

KIL'MENTSY DISTRICT—STONE AGE
Mousterian layers of the ancient site of Molodova No. 5. A. P. Chernysh. Krat. soob. Inst. arkheol. no. 92 77-85 '61.

KILNS, ROTARY
(see also subdivision under Babushkin)
Improved gas burner for rotary kilns. A. F. Moshik, V. I. Shibin. Nauch. soob. NIITSementa no. 11;1-6 '61.
Pyrometer for measuring the temperature of material in heating and calcining zones. G. M. Gofman. Nauch. soob. NIITSementa no. 11;7-9 '61.

KIMBERLITE
(see also subdivision under Ukraine)
Ni, Cr, Ti, Nb and some other elements in kimberlites and the possibility of using geochemical methods in searching for kimberlite bodies [with summary in English]. V. A. Litinskii. Geokhimiia no. 9;742-749 '61.

KINDERGARTEN
(see also subdivision under Hungary)
Comprehensive organization of a kindergarten. IU. Maksimov and others. Doshk. vosp. 35 no. 2;32-39 F '62.
Little fellows learn self-help. L. Lapatkina. Nar. asv. no. 1;71-73 JA '62.

KINDERGARTENS (Continued)
Methodological consultations help kindergartens. M. N. [illegible], T. P. Kuzina, M. G. Fedikova. Doshk. vosp. no. 2 21-24 F '62
"Organization of games in a kindergarten." Reviewed by B. Ale[illegible]ndrov. Doshk. vosp. 35 no. 2,109-111 F '62
To work with a great heart. G. Gift. Doshk. vosp. 35 no. 2 7-10 F '62
Work plan for a district. Doshk. vosp. 35 no. 2 107-108 F '62

KINDERGARTENS—MUSIC
(See also Folklore under Bulgaria)
Teach to sing. N. L. Smirnova. Doshk. vosp. 35 no. 2 35-36 F '62

KINDERGARTENS
(See also Industrialization under P. Pervomayskiy, Moscow Province)
Kindergartens established by a common effort. V. M. Pokrovskaya. Doshk. vosp. 35 no. 2 26-27 F '62
New municipal kindergartens. Doshk. vosp. 35 no. 2 27-28 F '62.

KINEL' DISTRICT—OIL FIELDS—PRODUCTION METHODS
Preliminary results of the development of the Yablonevskoye field. M. V. Makarenko and others. Geol. neft. i gaza 6 no. 3:35-38 F '62

KINEMATICS
Podgornyĭskiĭ, M. I. [Some characteristics of kinetic equations] O nekotorykh osobennostiakh kineticheskikh uravnenii. Dubna, Ob"edinennyi in-t iadernykh issledovanii, 1962. 15 p.

KIRGHIZ FOLK SONGS see Folk songs, Kirghiz

KIRGHIZ RANGE—WINDS
Mountain-valley circulation on the piedmont zone. N. F. Gel'mgol'ts. Trudy KazNIGMI no. 14 43-118 '61

KIRGHIZISTAN—AGRICULTURAL RESEARCH
In the Kirghiz Institute of Land Use and Agricultural Planning. G. Fuel'kov. Ekon. sel'khoz. 32 no. 12:105-108 D '61

KIRGHIZISTAN—COAL MINES AND MINING
Coal industry in Kirghizistan and the seven-year plan. G. P. Kalinin. Ugol' 37 no. 1:12-13 Ja '62.

KIRGHIZISTAN—COMMUNISM
History of the dissemination of Marxist-Leninist ideas in Kirghizistan. A. Altmyshbaev. Izv. AN Kir. SSR Ser. obshchestv. nauk 3 no. 1:5-13 '61

KIRGHIZISTAN—CONSTITUTION
Constitutional acts of the Kirghiz Autonomous Soviet Socialist Republic. R. Turgunbekov. Izv. AN Kir. SSR Ser. obshchestv. nauk 3 no. 1:95-111 '61.

KIRGHIZISTAN—SOVIETS
Legal status of rural Soviets of Workers' Deputies in Kirghizistan. I. K. Lavrenkov, A. V. Radvogin. Izv. AN Kir. SSR. Ser. obshchestv. nauk 3 no. 1:113-121 '61.

KIRGHIZISTAN—TELECOMMUNICATION—EMPLOYEES
The communication enterprises of Kirghizistan should be provided with qualified workers. M. V. Ryzhov. Vest. svyazi 22 no. 3:19-20 Mr '62

KIR'IANOVA, EKATERINA SERGEEVNA, 1900-
Ekaterina Sergeevna Kir'ianova; sixtieth anniversary of her birth. M. N. Narzikulov, E. P. Luppova, T. S. Ivanova. Izv. Otd. sel'khoz. i biol. nauk AN Tadzh. SSR no. 3:102-108 '61.

KIROV (KIROV PROVINCE)—TIRES, RUBBER
Remote control of the quality and quantity of tire casings built at the Kirov Tire Factory. G. P. Goloulina and others. Kauch i rez. 21 no. 2:44-45 F '62

KIROV PROVINCE—COLLECTIVE FARMS
With faith in communism. P. A. Prozorov. Znamia 31 no. 12:153-154 D '61.

KIROV PROVINCE—LIBRARIES
Work of the Kirov Province Library helping the development of mass innovation, promotion of efficiency and inventiveness. V. I. Kobel'kova. Bibliot. SSSR no. 18: 59-60 '61.

KIROV PROVINCE—PLANT INTRODUCTION
New plant species in Kirov Province. F. A. Aleksandrov. Bot. zhur. 46 no. 11:1700-1701 N '61.

KIROVABAD—ANTIQUITIES
Dzhafarzade, I. M. [Historical and archaeological sketch of Staraya Gandzha; the birthplace of Nizami] Istoriko-arkheologicheskii ocherk Starol Gandzhi; rodina Nizami. Baku, Akad. nauk Azerbaidzhanskoi SSR, 1949. 101 p. (MH)

KIROVABAD—HISTORY
Dzhafarzade, I. M. [Historical and archaeological sketch of Staraya Gandzha; the birthplace of Nizami] Istoriko-arkheologicheskii ocherk Starol Gandzhi, rodina Nizami. Baku, Akad. nauk Azerbaidzhanskoi SSR, 1949. 101 p. (MH)

KIROVAKAN—INDUSTRIES
"Kirovakan" by K. Kozmoian. Reviewed by G. Avetisian. Prom. Arm. 5 no. 1 73-75 Ja '62.

KIROVSKIY DISTRICT (SOUTH KAZAKHSTAN PROVINCE)—COOPERATIVE SOCIETIES
On the right path. F. TSvirko. Koop. Kazakh. 1 no. 1 19-24 Ja '61

KISHINEV—OPERA
"Barber of Seville." K. Gorov. Teatr 23 no. 2 96-99 F '62

KISHINEV—PAINT INDUSTRY
Ultrasonic waves and paints. S. Filistratov. Mest. prom. i khud. promys. 3 no. 1 10 Ja '62

KISHINEV—STOMATOLOGY
Present state and prospective development of stomatological service in Kishinev. D. I. Tel'charov. Zdravookhranenie 4 no. 6 3-6 N-D '61

KISLOVODSK REGION—BRONZE AGE
Bronze Age burial mound in the vicinity of Kislovodsk. V. B. Korolev. Sov. arkheol. 6 no. 1,264-268 '62.

KISLOVODSK REGION—MOUNDS
Bronze Age burial mound in the vicinity of Kislovodsk. V. B. Korolev. Sov. arkheol. 6 no. 1:264-268 '62

KIZEL BASIN—COAL MINES AND MINING
Preliminary water injection into the seam as a means of preventing pressure bumps. L. V. Kuchetskii. Ugol' 37 no. 3 52-54 Mr '62

KIZEL BASIN—HYDRAULIC MINING
Hydraulic breaking of hards in the Kizel Basin coal mines. I. N. Sidorov and others. Ugol' 37 no. 3 16-18 Mr '62.

KIZEL BASIN—ROCK PRESSURE
Pressure bumps in the "Uritskii" Mine of Kizelugol' Combine. V. E. Budkov. Ugol' 37 no. 3 48-52 Mr '62.

KLESOV REGION—SIDERITE
Siderite from the weathered surface of igneous rocks in western Volhynia [with summary in English on pp. 490-491]. O. I. Matkovskii. Min. sbor. no. 14:264-271 '60.

KLIACHKO, SAMUIL L'VOVICH, 1850-1914
Who translated K. Marx's "Civil war in France" into Russian? N. Trotskii. Nov. i noveish. ist. no. 1:198 '62.

KLICHEV DISTRICT—RURAL CONDITIONS
This is how we live and work. N. Shapavalava. Rab. i sial. 37 no. 12:18 D '61.

KLIN—BANKS AND BANKING—AUDITING AND INSPECTION
Improve the exchange of opinions among the State Bank branches. A. Lysyi. Den. i kred. 20 no. 2:84-86 F '62

KLINTSY—COMMUNITY CENTERS
In the Klintsy community centers. L. Pavlova. Sov. profsoiuzy 18 no. 1:32-33 Ja '62.

KLYSTRONS
Analysis of the performance of a reflex klystron in regenerative amplification mode operation. I. A. L. Shamfarov. Radiotekh. i elektron. 7 no. 3 572-575 Mr '62.

Frequency stabilization of a reflex klystron using an additional cavity. G. M. Utkin, A. V. Khrianov. Radiotekh. i elektron. 7 no. 3 448-459 Mr '62

Synchronizing a klystron with a signal sent through the load circuit. B. P. Boiko, I. I. Minakova. Vest. Mosk. un-ta Ser. 3: Fiz., astron. 17 no. 1:22-32 Ja-F '62.

KNEE—SURGERY
Plastic restoration of the cruciform ligament of the knee joint [with summary in English]. N. I. Gurgenidze. Vest. khir. no. 12:64-66 '61.

Simultaneous restoration of 2 and 3 ligaments of the knee joint with a single fascial pedicle flap [with summary in English]. A. I. Maltsev. Vest. khir. no. 12:72-77 '61.

KNEE—TUBERCULOSIS
Clinical, roentgenological, and morphological aspects of gonitis tuberculosa. G. I. Ushina, R. A. Agzamov, N. N. Shchitova. Med. zhur. Uzb. no. 12:17-25 D '61.

KNEE—WOUNDS AND INJURIES
Ruptures of the anterior cruciform ligament and injuries associated with it. P. P. Zhukov, S. L. Khmelevskaia. Vest. khir. no. 12:66-71 '61.

KNIT GOODS
Application of the theory of sheath construction in designing patterns for knit goods. E. B. Kobliakova, L. A. Surko. Nauch. trudy MTILP no. 18:105-122 '60.

Knitted fabrics made with elastic threads. Z. Ch. Bradis. Tekst. prom. 21 no. 12:51-52 D '61.

Permeability to air of nylon warp knit fabrics. M. A. Alekseeva. Izv. vys. ucheb. zav. tekh. leg. prom. no. 1: 92-95 '62.

Some hygienic properties of slightly stretching knit fabrics. L. V. Prokhanikova. Tekst. prom. no. 12:53-54 D '61

Widening the assortment of tricot cloth manufactured on the MT knitting machines. A. S. Dalinevich. Tekst. prom. 22 no. 1:64-68 Ja '62

KNIT GOODS INDUSTRY
Manufacture of chlorin knit underwear and its hygienic use. B. Z. Nirenshtein and others. Tekst. prom. no. 6:71-73 Je '61.

KNIT GOODS INDUSTRY—TECHNOLOGICAL INNOVATIONS
Chamber holdness in the adoption of progressive equipment. R. I. Turkina. Tekst. prom. 21 no. 6:77 Je '61

KNITTING MACHINES—EQUIPMENT AND SUPPLIES
New needle shapes for high-speed automatic knitting machines. D. I. Petrov. Tekst. prom. 22 no. 1: 72 Ja '62.

KNIZE, ANATOLII ANATOL'EVICH
Several sketches on an old forester. P. Datlenkii. [illegible] no. 9:160-172 '61.

KNOWLEDGE, THEORY OF
Nikitin, E. P. [Essence and phenomenon; categories of "essence" and "phenomenon" and the methodology of scientific research] Sushchnost' i iavlenie, kategorii "sushchnost' i "iavlenie" i metodologiia nauchnogo issledovaniia. Moskva, Izd-vo "Znanie," 1961. [illegible] (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 2, Filosofiia, no. 24)

Pantin, I. K. [Studies on materialist philosophy and the theory of knowledge of Russian revolutionary democrats] Materialisticheskoe mirovozzrenie i teoriia poznaniia russkikh revoliutsionnykh demokratov, ocherki. [illegible] Gos. izd-vo "Vysshaia shkola," 1961. 116 p.

[Theory of knowledge; collection of articles] Voprosy teorii poznaniia; sbornik statei. Perm', Permskoe knizhnoe izd-vo, 1961. 189 p.

"Theory of knowledge in general semantics" by A. Burlian. Reviewed by P. Popov. Ist.-filos. Ezhegod. no. 3/4:344-346 '61.

KOBYSTAN—PROSPECTING
Tectonics and prospecting of the Kyanizadag area. S. M. Dadashev. Dokl. AN Azerb. SSR 17 no. 11:1041-1043 '61.

KOCHETOV, VSEVOLOD
"Secretary of the province committee"; a novel by Vsevolod Kochetov. Reviewed by G. Mitin. Znamia 31 no. 11:214-219 N '61

KODAKS see Cameras

KOKCHETAV PROVINCE—GEOLOGY
Tectonics and the geological history of the central part of the eastern Kokchetav trough (northern Kazakhstan). E. D. Shlygin, M. A. Zhukov, R. A. Kopilashevich [illegible] nauch. trud. KazNIMI no. 18:214-230 '60.

KOKO NOR, CHINA—BIRDS—BEHAVIOR
Bird island. Ch'ih Ta-lang. Vokrug sveta no. 1:53 [illegible] '62.

KOLA GULF—FOULING OF SHIP BOTTOMS
Fouling of ships docked in the Kola Gulf (Murmansk Shipping Co.). G. B. Zevina. Okeanologiia 2 no. 1:126-133 '62

KOLA PENINSULA—BAVENITE
Discovery of bavenite in pegmatites of the Kola Peninsula. V. V. Matias. Mat. po min. Kol'. poluost. 1:190-194 '[illegible]

KOLA PENINSULA—CHLORITES
Chlorites from the TSaglinskoye titanomagnetite deposit. G. I. Kavardin. Mat. po min. Kol'. poluost. 1:[illegible]

KOLA PENINSULA—COLLECTIVE FARMS
The Socialist changes in the material culture of the Saams; according to materials of the "Tundra" Collective Farm. G. I. Anokhin. Krat. soob. Inst. etn. [illegible] no. 1: 44-54 '62.

KOLA PENINSULA—FLUORINE
Fluorine in minerals and rocks of the Kola Peninsula. E. I. Uspenskaia. Mat. po min. Kol'. poluost. 1:140-[illegible] '60.

KOLA PENINSULA—FORSTERITE
Crystallographic studying forsterite from carbonatites and magnetite ores of the Kovdora massif (Kola Peninsula). O. M. Klimakaya-Korsakova. Mat. po min. Kol'. poluost. 1:77-83 '60.

KOLA PENINSULA—JAROSITE
Jarosite from the Kola Peninsula. N. A. Kornilov. Mat. po min. Kol'. poluost. 1:121-126 '60.

KOLA PENINSULA—KAERSUTITE
Kaersutite from ultrabasic rocks of some massifs in the Kola Peninsula. G. I. Kavardin. Mat. po min. Kol'. poluost. 1:55-61 '60.

KOLA PENINSULA—MINERALOGY

Textures due to unmixing of solid solutions in ore minerals of the TSaginskiy massif. G. I. Kavardin. Mat. po min. Kol'. poluost. 1:69-68 '59.

KOLA PENINSULA—PEGMATITES

Subtype of comb-like pegmatitic bodies. S. I. Makievskii. Mat. po min. Kol'. poluost. 1:5-14 '59.

KOLA PENINSULA—PYROCHLORE

Pyrochlore from rocks of the aegirite overthrust folding (Kola Peninsula). IU. M. Kirnarskii. Mat. po min. Kol'. poluost. 1:81-90 '59.

KOLA PENINSULA—RHABDOPHANITE

Rhabdophanite group minerals in alkaline massifs. E. I. Semenov. Mat. po min. kol' poluost. 1:91-101 '59.

KOLA PENINSULA—TITANOMAGNETITE

Chlorites from the TSaginskaya titanomagnetite deposit. G. I. Kavardin. Mat. po min. kol' poluost. 1:49-54 '59.

KOLA PENINSULA—WEATHERING

Gypsum and opal products of the contemporary chemical weathering of amphibolites in the Lake Bol'shoy Lapot' region. E. S. Antoniuk. Mat. po min. kol'. poluost. 1, 127-139 '59.

KOLKHOZES see Collective farms

KOLODKINO (KALUGA PROVINCE)—WORLD WAR, 1939-1945

It is necessary to consolidate success in battle. P. Vlasov. Voen.-ist. zhur. 3 no. 12, 50-56 D '61.

KOLPINO—METALWORKERS

Bellin, A. M. [True stories of Izhor] Izhorskie byli. [Leningrad] Lenizdat, 1961. 285 p.

KOLYMA VALLEY—QUARTZ

Structure and origin of quartz nodules from some ore deposits in the Yana-Kolyma gold-bearing belt. I. V. Firsov. Geol. rud. mestorozh. no. 1:78-86 Ja-F '62.

KOMI

Dermatoglyphics of some northeastern peoples of the U. S. S. R. (the Mansi and Komi). T. D. Gladkova. Vop. antr. no. 6:100-112 '61.

KOMI A. S. S. R.—AGGREGATES (BUILDING MATERIALS)

Production of limap keramzit. N. Palkin. Sel'. stroi. 16 no. 12:10-11 D '61.

KOMI A. S. S. R.—LABOR AND LABORING CLASSES—DWELLINGS

Pay greater attention to housing problems. A. Budilin. Fes. prom. 39 no. 12:31-32 D '61.

KOMI A. S. S. R.—LUMBER—TRANSPORTATION

Azizov, K. I. [Economic basis for the selection of types of log transportation in the Komi A. S. S. R.] Ekonomicheskoe obosnovanie vybora tipa lesovoznogo transporta v usloviiakh Komi ASSR. Syktyvkar, Komi knizhnoe izd-vo, 1957. 95 p.

KOMI A. S. S. R.—PETROLEUM—REFINING

First in the Komi Republic. E. Viktorovich. Neftianik 7 no. 2.3-4 F '62.

KOMMUNARSK—CONSTRUCTION INDUSTRY

Large-panel construction in Voroshilovsk. IU. Shevchuk. Zhil. stroi. no. 12:22 '61.

KOMMUNARSK—METALLURGICAL PLANTS—EQUIPMENT AND SUPPLIES

Mechanized hard facing of crane wheels at the Alchevsk Metallurgical Plant. S. IA. Shekhter. Avtom. svar. 15 no. 3, 73-78 Mr '62.

KOMMUNARSK—STEEL ALLOYS—METALLURGY

From practices of producing 10G steel at the Kommunarskiy Metallurgical Plant. E. A. Klaunting and others. Stal' 22 no. 2:155-159 F '62.

KOMSOMOL'SKOYE REGION (DONETS PROVINCE)—BLASTING

Improving boring and blasting operations in mines of the Karakubskiy Mining Administration. L. I. Gluskin. Vzryv. delo no. 47/4, 5-20 '61.

KOMSOMOL'SKOYE REGION (DONETSK PROVINCE)—BORING

Ways of increasing the efficiency of boring and blasting in the Karakubskiy pits. M. G. Novozhilov and others. Gor. zhur. no. 7:36-38 Jl '61.

KONDRAT'EV, VIKTOR NIKOLAEVICH, 1902-

Viktor Nikolaevich Kondrat'ev. Izv. AN SSSR. Otd. khim. nauk no. 2:193 F '62.

KONDRUS, BRUNO

IAdin, V. [On the captain's bridge; a story about Bruno Kondrus, Captain of deepwater navigation and Hero of Socialist Labor] Na kapitanskom mostike; rasskaz o Geroe Sotsialisticheskogo Truda kapitane dal'nego plavaniia Bruno Kondruse. Riga, Latviiskoe gos. izd-vo, 1961. 73 p.

KONIUKHOV, IVAN ALEKSANDROVICH, 1911-

Anniversary of Professor I. A. Koniukhov. A. M. Sergigin and others. Vest. Mosk. un. Ser. 4 Geol. 17 no. 1:79-80 Ja-F '62.

KOPATKEVICHI DISTRICT—AGRICULTURE

We shall meet our obligations. A. Liakhov. Komm. Bel. 35 no. 6:23-27 Je '61.

KOPET-DAG—EARTHQUAKES

Earthquakes of the Kopet-Dag zone during 1958. R. D. Nepesov. Trudy Fiz.-tekh. inst. AN Turk. SSR 7: 101-124 '61.

In memoriam N. I. Kornetov. Probl. tub. no. 2, 117 '62.

KOPET-DAG—MILK VETCHES

Growth and development characteristics of some tragacanth milk vetches of Kopet-Dag and their phenological cycle. T. P. Nadezhina. Trudy Bot. inst. Ser. 5 no. 10, 65-116 '60.

Materials on the intraspecific mutability of basic species tragacanth milk vetches of Kopet-Dag. L. P. Markova. Trudy Bot. inst. Ser. 5 no. 10, 36-64 '62.

Some of morphological and biological characteristics of the tragacanth milk vetches of Kopet-Dag. T. P. Nadezhina. Trudy Bot. inst. Ser. 5 no. 10, 119-149 '62.

KOPYLENKO, OLEKSANDR, 1900-1958

Svidei, P. I. [O Kopytenko; his life and works] Kopytenko; zhyttia i tvorchist'. Kyiv, Radians'kyi pys'mennyk, 1960. 181 p.

(MH) (hU)

KOREA—ARCHAEOLOGY

Vorob'ev, M. V. [Ancient Korea; historical and archaeological study] Drevniaia Koreia, istoriko-arkheologicheskii ocherk. Moskva, Izd-vo vostochnoi lit-ry, 1961. 144 p.

KOREA—HISTORY

Vorob'ev, M. V. [Ancient Korea; historical and archaeological study] Drevniaia Koreia, istoriko-arkheologicheskii ocherk. Moskva, Izd-vo vostochnoi lit-ry, 1961. 144 p.

KOREA, NORTH—AGRICULTURE

Completion of the socialist reorganization of agriculture in the Korean People's Democratic Republic. A. D. Iun. Obshchestv. nauki v Uz. no. 3, 52-56 '61.

KOREA, NORTH—DESCRIPTION AND TRAVEL

Korean diary. V. Ponizovskii. Vokrug sveta no. 5:6-9 My '61.

KOREA, NORTH—ECONOMIC CONDITIONS

Uspenskii, A. A. [Economic development of the Korean People's Democratic Republic] Ekonomicheskoe razvitie Koreiskoi Narodno-Demokraticheskoi Respubliki. Moskva, Vses. zaochnyi finansovo-ekon. in-t, 1959. 10 p.

[MICROFILM]

KOREA, NORTH—HYDROELECTRIC POWER

"Blue gold" of a republic. V. Ten. Az. i Afr. seg. no. 2: 12-13 F '62.

KOREA, NORTH—POLITICS AND GOVERNMENT

In close contact with other socialist countries. V. Moskovskii. Kommunist 38 no. 4:117-123 Mr '62.

KOREA, SOUTH—FOREIGN RELATIONS—JAPAN

Adventurous policy of the U. S. A. in the Far East. V. Smolenskii. Mezhdunar. zhizn' 9 no. 4 119-120 Ap '62.

KORGANOV, NIKOLAI NIKOLAEVICH, d. 1961

Nikolai Nikolaevich Korganov. Zhur. nevr. i psikh. 61 no. 6 953 '61.

KOROLENKO, VLADIMIR GALAKTIONOVICH, 1853-1921

V. G. Korolenko and the prerevolutionary secret police. V. Ogolevets. Vop. ist. no. 2:211-214 F '62.

KOROSTYSHEV—LABOR COURTS

At the forefront of the struggle for the education of those who will live in communist society. A. Opanasiuk. Rad. pravo no. 1:86-88 Ja-F '62.

KORYAKS

Eskimo elements in the Chukchi and the Koryak culture. I. S. Vdovin. Trudy Inst. etn. 64:27-63 '61.

KOSTENKI—ANIMALS IN ART

Images of animals from the paleolithic site of Aleksandrovka. Z. A. Abramova. Krat. soob. Inst. arkheol. no. 82:97-103 '61.

KOSTENKI—GEOLOGY, STRATIGRAPHIC

Anosovka No. 2, a new multilayer site in Kostenki. A. N. Rogachev. Krat. soob. Inst. arkheol. no. 82:86-96 '61.

KOSTENKI—STONE AGE

Anosovka No. 2, a new multilayer site in Kostenki. A. N. Rogachev. Krat. soob. Inst. arkheol. no. 82:86-96 '61.

Images of animals from the paleolithic site of Aleksandrovka. Z. A. Abramova. Krat. soob. Inst. arkheol. no. 82:97-103 '61.

KOSTENKI REGION—CRANIOLOGY

Skull from a late paleolithic grave in the Pokrovskiy Ravine, Kostenki No. 18. G. F. Debets. Krat. soob. Inst. arkheol. no. 82:120-127 '61.

KOSTENKI REGION—GEOLOGY, STRATIGRAPHIC

On the mode of occurrences at the paleolithic site of Valukinskiy, Kostenki No. 19. A. A. Velichko, R. V. Fedorova. Krat. soob. Inst. arkheol. no. 81:32-37 '61.

KOSTENKI REGION—PALEOBOTANY

On the mode of occurrences at the paleolithic site of Valukinskiy, Kostenki No. 19. A. A. Velichko, R. V. Fedorova. Krat. soob. Inst. arkheol. no. 81:32-37 '61.

KOSTENKI REGION—STONE AGE

New archaeological excavations of the paleolithic site at Valukinskiy, Kostenki No. 19. P. I. Boriskovskii. Krat. soob. Inst. arkheol. no. 84:30-31 '61.

The paleolithic site of Uglyanets, Kostenki No. 16. L. M. Tarasov. Krat. soob. Inst. arkheol. no. 85:36-47 '61.

KOSTRIUKOVA, MARIIA AVRAAMOVNA, 1917-

Mariia Avraamovna Kostriukova. Med. sestra 20 no. 11 60 N '61.

KOSTROMA—TRANSPORTATION, AUTOMOTIVE

Passengers at a bus stop... N. Nekrasov. Sov. profsoiuzy 18 no. 1:12 Ja '62.

KOSTROMA GOVERNMENT—STRIKES AND LOCKOUTS

A strike of the textile workers of the Kostroma Government in the summer of 1914. P. M. Gorlov. Vest. Mosk. un. Ser. 9: Ist. 17 no. 2:17-38 Mr-Ap '62.

KOSTROMA PROVINCE—CONSTRUCTION INDUSTRY

Karavaevo is under construction. S. Kustov. Sel'. stroi. 16 no. 12:5-6 D '61.

KOTLIAREVS'KYI, IVAN, 1769-1838

Vasylenko, A., and A. Zalashko, comps. [Ivan Petrovych Kotliarevs'kyi; his life and works in illustrations and documents] Ivan Petrovych Kotliarevs'kyi, zhyttia i tvorchist' v iliustratsiiakh i dokumentakh. Kyiv, Derzh. uchbovo-pedagog. vyd-vo "Radians'ka shkola," 1961. 191 p.

KOTOVSK DISTRICT—CORN (MAIZE)

Blazhevskii, E. V. [Thoughts about corn; as told to S. Vinnitskii] Dumy o kukuruze; literaturnaia zapis' S. Vinnitskogo. [Odessa] Odesskoe knizhnoe izd-vo, 1961. 64 p.

(DA)

KOTOVSKIY DISTRICT (MOLDAVIA)—FIRST AID IN ILLNESS AND INJURY

Work of an ambulance station in the Kotovskiy District of the Moldavian S. S. R. G. G. Stroevich. Zdravookhranenie 4 no. 6:41-42 N-D '61.

KOTOVSKOYE DISTRICT—ATHEISM

How we are organizing scientific-atheistic propaganda. S. Ivanov. Komm. Mold. 6 no. 7:52-57 Jl '61.

KOTSIUBYNS'KYI, MYKHAILO, 1864-1913

"Literary craftsmanship of M. M. Kotsiubyns'kyi" by M. Kostenko. Reviewed by N. I. Kalenychenko. Rad. lit. 6 no. 2 124-127 Mr-Ap '62.

KOVALEVSKII, ALEKSANDR ONUFRIEVICH, 1840-1901

Correspondence between Aleksandr Onufrievich Kovalevskii and Anatolii Petrovich Bogdanov, 1872-1894. B. E. Raikov. Trudy Inst. ist. est. i tekh. 41:112-167 '61.

KOVALEVSKII, MAKSIM MAKSIMOVICH, 1851-1916

Historical views of M. M. Kovalevskii. P. F. Laptin. Ukr. ist. zhur. 6 no. 1 91-97 Ja-F '62.

KOZACHENKO, ANTON IVANOVICH, 1900-1962

A. I. Kozachenko; obituary. Vop. ist. no. 3:216 Mr '62.

KOZLANIUK, PETRO STEPANOVYCH, 1904-

Ardent journalist. M. Denysenko. Voiov. ateist no. 2: 47-50 F '62.

KOZLOVSKII, IVAN SEMENOVICH, 1900-

Concert given by Kozlovskii. Georgii Poliakovskii. Sov. muz. 26 no. 2:98-99 F '62.

KRAMATORSK—GEARING

Sidorenko, A. K., IA. I. Adam, and G. G. Oyumian. [Manufacture of large-tooth gears; experience of the Novo-Kramatorsk Machinery Plant named after Stalin] Proizvodstvo krupnykh zubchatykh peredach; opyt Novo-Kramatorskogo mashinostroitel'nogo zavoda im. Stalina. Moskva, Mashgiz, 1961. 152 p.

KRASHENINNIKOV, STEPAN PETROVICH, 1711-1755

Outstanding scientist and traveler; 250th anniversary of the birth of S. P. Krasheninnikov. D. M. Lebedev. Priroda 51 no. 2:98-99 F '62.

KRASNODAEV, TIMOFEI PETROVICH, 1865-1952

Timofei Petrovich Krasnodaev. Z.IU.Rol'e Ortop., travm i protez no 12 66 '61

KRASNODAR —GRAIN MILLING

The exchange of progressive experience is a very important problem N. Strel'tsov Muk.-elev prom 27 no 9 6 '61

KRASNODAR —MACHINE-TOOL INDUSTRY

Krasnodarskii stankostroitel'nyi zavod. [Fiftieth anniversary of the Krasnodar Machine-Tool Plant] Krasnodarskii stankostroitel'nyi; 50 let. [Krasnodar] Krasnodarskoe knizhnoe izd-vo, 1961. 209 p.

KRASNODAR TERRITORY —AGRICULTURAL MACHINERY—TECHNOLOGICAL INNOVATIONS

In the backyard IU. Khamianov Izobr i rats no 3 29-30 Mr '62

KRASNODAR TERRITORY—APARTMENT HOUSES

Floors made of polyvinyl chloride tiles G. Etin. Zhil stroi no 12 21 '61

Large-panel apartment houses for Krasnodar Territory A Titov Zhil stroi no 12 20-21 '61

KRASNODAR TERRITORY—BOOKSELLERS AND BOOKSELLING

Let books enter all houses. IU. Bezelianskii and others. Sov potreb koop 6 no. 2:18-32 F '62

To stations, villages, collective farms, and settlements I. Klimenko Sov. knizh torg 15 no 2 7-8 F '62

KRASNODAR TERRITORY—COLLECTIVE FARMS—ACCOUNTING

Computing collective farm income and accumulation in analyzing annual reports A Libkind. Vest stat no 3 9-17 '62

Let us make accounting exemplary. I V. Shcherbina Uchet i fin v kolkhoz i sovkhoz 19 no. 1 10-12 Ja '62

KRASNODAR TERRITORY—FORAMINIFERA, FOSSIL

Foraminifera of Albian sediments in the Yeisk-Berezan region of the Scythian Platform Z. A Antonova Trudy KF VNII no.6: 153-184 '61.

New data on the stratigraphic distribution of Foraminifera in lower Paleogene sediments of the Yeisk-Berezan' region in the Scythian Platform D A. Taran Trudy KF VNII no.6: 186-197 '61.

KRASNODAR TERRITORY—GAS, NATURAL—GEOLOGY

Gas potential of Paleozoic sediments in the Yeisk-Berezan' region of the Scythian Platform Z P. Dvorkin Trudy KF VNII no. 6 109-112 '61.

Parameters of the calculation and recalculation of oil and gas reserves for different types of pools in Krasnodar Territory. A. V. Velichko. Trudy KF VNII no. 6, 300-312 '61

Reservoir rocks of the Albian gas-bearing horizon in the Yeisk-Berezan region of the Scythian Platform A Z Bedcher, A. F. Maifukhin, B. M. Stolovitskii. Trudy KF VNII no.6 260-276 '61.

KRASNODAR TERRITORY—GEOLOGY, STRATIGRAPHIC

Stratigraphy of Cretaceous sediments in the Yeisk-Berezan' region. V. L. Egoian, Z A Antonova, A. G. Garbuzova. Trudy K F VNII no.6:122-162 '61

KRASNODAR TERRITORY—GEOLOGY, STRUCTURAL

Boundary of the Paleozoic and Mesozoic in the Yeisk-Berezan' region of the Scythian Platform G. M Aladatov and others. Trudy KF VNII no.6:113-121 '61.

KRASNODAR TERRITORY—LIBRARIES

Beginning of great work. R. F Esipova Bibliot. SSSR no. 18.61-65 '61.

KRASNODAR TERRITORY—OIL FIELDS—PRODUCTION METHODS

Mikerin, B. P. [Injecting liquefied hydrocarbon gases into oil layers; practice of oil workers of the Krasnodar Economic Region] Nagnetanie szhizhennykh uglevodorodnykh gazov v neftianye plasty, opyt neftianikov Krasnodarskogo ekonomicheskogo raiona Moskva, Gos. nauchno-tekhn izd-vo neft. i gorno-toplivnol lit-ry, 1961 61 p. (Obmen peredovym tekhnicheskim opytom)

Recovery factor based on depleted pools in eastern fields of the Oil Field Administration of the Khadyzhensk Petroleum Trust. N. M. Karpenko. Neft. khoz. 40 no. 1:44-491 Ja '62.

KRASNODAR TERRITORY—PETROLEUM GEOLOGY

Parameters of the calculation and recalculation of oil and gas reserves for different types of pools in Krasnodar Territory. A. V. Velichko. Trudy KF VNII no. 6: 300-312 '61.

KRASNODAR TERRITORY—POLYPORACEAE

Bracket fungi of the "Krasnyi les" hunting grounds in Krasnodar Territory [with summary in English]. IU. V. Sinadskii, M. A. Bondartseva. Bot zhur. 47 no. 1:55-67 Ja '62.

KRASNOGORSK DISTRICT—COLLECTIVE FARMS

Priakhin's worries. IU. Krivonosov. Ogonek 40 no. 7: 2-3 F '62.

KRASNOGRAD DISTRICT—AGRICULTURAL ADMINISTRATION

Deputies of local soviets as the organizers of collective farming. M Sliedin Rad. pravo no 1 74-76 Ja-F '62.

KRASNOGVARDEYSKIY REGION—COLLECTIVE FARMS

At the sections of the "Pobeda" collective farm IA Merena. Tekh v sel'khoz 22 no. 1 23-24 Ja '62

KRASNOYARSK—THEATER

In Krasnoyarsk IU Ral'f Teatr 23 no. 2 133-131 F '62

KRASNOYARSK TERRITORY—FIRES AND FIRE PREVENTION

Fireman of a taiga settlement. V. Mikhailovskii. Pozh delo 8 no 2 10 F '62

KRASNOYARSK TERRITORY—GABBRO

Ancient gabbroid intrusions in the convergence region of the Batent Ridge and the Kuznetsk Ala-Tau. S L. Khalfin Geol. i geofiz no. 11:63-73 '61

KRASNOYARSK TERRITORY—LOESS

Interstices in loess loams of the Krasnoyarsk Territory and their genesis. N. M. Kukharev. Izv. vys uchab zav. ,geol i razv. 4 no. 11 102-105 N '61

KRASNOYARSK TERRITORY—NICKEL

Results of the technical conference on geological prospecting for nickel in Krasnoyarsk Territory S. F. Lugov. Sov. geol. 5 no. 1:181-184 Ja '62.

KRASNOYARSK TERRITORY—PAPILIONACEAE

[Flora of Krasnoyarsk Territory] Flora Krasnoiarskogo kraia. Tomsk, Izd-vo Tomskogo univ.

No. 6. Polozhii, A. V. [Peat family-Papilionaceae] Bobovye - Papilionaceae. 1960. 93 p.

KRASNYY YAR (KHABAROVSK PROVINCE)—DESCRIPTION

Where Derzu walked. V. Ilieah. Smena 30 no. 3:20-21 F '62.

KREMENCHUG REGION—HORNFELS

Ferruginous hornfels of the metabasite series in connection with the genesis and metallogeny of volcanic sedimentary formations in the Kremenchug region. I. N. Bordunov. Geol. zhur. 22 no 1:75-81 '62.

KRESOL see Cresol

KRIVOSHCHEKOV, IVAN IAKOVLEVICH

"I. IA. Krivoshchekov, local geographer" by B. N. Vishnevskii. Reviewed by Z Voskresenskaia. Geog v shkole 25 no. 2:92-93 Mr-Ap '62

KRIVOY ROG—IRON ORES

Principles of effective methods of detailed prospecting for iron ores in the Krivoy Rog deposits. G. V Tokhtuiev, V. M. Kazak, S. I. Zhylkins'kyi. Geol. zhur. 22 no. 1:14-29 '62.

KRIVOY ROG—MINES AND MINERAL RESOURCES

Built by the young. IU. Robota. Znan. ta pratsia no. 2: 2-3 F '62.

KRIVOY ROG—PROSPECTING

Principles of effective methods of detailed prospecting for iron ores in the Krivoy Rog deposits. G V Tokhtuiev, V. M. Kazak, S. I. Zhylkins'kyi. Geol zhur. 22 no. 1:14-29 '62.

KRIVOY ROG—SPODUMENE

Spodumene pegmatites of the Krivoy Rog Basin [with summary in English on p. 495]. V. G. Kushev. Min. sbor. no. 14:357-362 '60.

KRIVOY ROG BASIN—BLASTING

Practice of using composite charges with air spaces in short-delay blasting. G. M. Kitach, A P. Tkachenko, V. P. Zhovanik. Vzryv. delo no 47/4 103-111 '61.

Using a vertical cut in multirow short-delay blasting in an open pit of the Southern Ore-Dressing Combine. V. N Bondarenko Vzryv delo no. 47/4 99-102 '61

KRIVOY ROG BASIN—COAL GEOLOGY

New data on the coal potential of the Krivoy Rog brown coal region. V. T. Slabriai, R. N. Rotman, V. F. Kiktenko Geol. zhur. 22 no. 1:87-91 '62.

KRIVOY ROG BASIN—EARTH TEMPERATURE

Geothermal conditions of the Krivoy Rog Basin. G. V. Duganov, E. I. Baratov. Gor. zhur. no. 12 54 D '61.

KRIVOY ROG BASIN—IRON MINES AND MINING

Consolidated data on tapping and developing horizons in mines of the Krivoy Rog Basin. P. N. Taran Gor. zhur. no. 10:43-45 O '61

Evaluation of the basic variations in the system of sublevel caving and ways of developing it in the Krivoy Rog Basin. M. I. Agoshkov, A. V. Bud'ko, N. A. Krivenkov. Gor. zhur. no. 7:24-30 Jl '61.

Gur'ba, N. E., and others. [Progressive operating practices in mining enterprises] Peredovoi opyt rabot na gornorudnykh predpriiatiiakh. Moskva, Gos. nauch.-tekhn. izd-vo lit-ry po gornomu delu, 1961 178 p.

Increasing the output and improving the quality of iron ores of the Krivoy Rog Basin A F Khivrenko P. A. Taran. Gor zhur no 11 5-6 N '61

KRIVOY ROG BASIN—IRON ORES

Determining the minimum iron content of ores mined from Krivoy Rog deposits. A. A. Kovshulin [illegible] trud. Inst gor dela AN URSR no 8:3-10 '61

KRIVOY ROG BASIN—MINE ACCIDENTS

Accident in the TSentral'naia Mine. I. A. Rod'ko, A. I. Khivrenko. Bezopasnaia v prom 6 no. 2 [illegible] '62.

KRIVOY ROG BASIN—MINE HOISTING

Redesigning a skip hoist of the "Bol'shevik" Mine [illegible] Kirichok and others Gor. zhur no. 10,68 [illegible] '61

KRIVOY ROG BASIN—MINERALOGY

Microhardness of minerals of iron ores in the Krivoy Rog Basin [with summary in English on p 490] Ber'ka, Gershoig, M. P. Dement'eva. Min. sbor. no 14:257-263 '60.

KRIVOY ROG BASIN—MINING MACHINERY

New machines from the "Communist" factory. V. P. Gerasimov, A G. Diadiura Gor. zhur. no. 11:13 N '61.

KRIVOY ROG BASIN—ORE DRESSING

Krivoy Rog Northern Ore-dressing Combine. D. M. [illegible] tiukov, A. I. Batanov Gor zhur. no 10:38-41 O '61

KRIVOY ROG BASIN—PEGMATITES

Spodumene pegmatites of the Krivoy Rog Basin [with summary in English on p 495]. V. G. Kushev Min. sbor. no. 14:357-362 '60

KRUPSKAIA, NADEZHDA KONSTANTINOVNA, 1869-1939

Children have the right to happiness... from the letters of Nadezhda Konstantinovna Krupskaia Semia i shkola 17 no 3 6-7 Mr '62

Friend and co-worker of young Leninists. S. A. [illegible] Rad. shk. 40 no. 2:38-40 F '62.

N. K. Krupskaia on special aspects of setting up the work plan in evening and continuation schools P. V. [illegible] staev Dokl APN 5 no 5 65-68 '61

N. K. Krupskaia on the connection between the work of schools and educational organizations A. G. Kravtsov Sov. pedag. 26 no 2 96-105 F '62.

N. K. Krupskaia on the scientific and theoretical bases of "adult pedagogics." P. V. Glomostaev. Dokl APN 5 no. 3:43-46 '61.

Role of N. K. Krupskaia in the education of the Chuvash people. G. N Volkov. Sov. pedag. 26 no. 2 108-113 F '62.

KRYMOV, ALEKSEI PETROVICH, 1872-1954

Great Soviet surgeon, Aleksei Petrovich Krymov, [illegible] fifth anniversary of his death. M. I. Kolomiitchenko Nov. khir. arkh. no 1:7-11 Ja-F '60.

KRYZHANOVKA REGION—JERBOAS, FOSSIL

A new jerboa species (Rodentia, Dipodidae) from Kuyalnitskiy deposits of the southern Ukraine [with summary in English] I. M. Ilyomov, A. I Shevchenko. Dop. AN URSR no 1 108-110 '62.

KRYZHITSKII, KONSTANTIN IAKOVLEVICH, 1859-1961

A few words on K. IA. Kryzhitskii. G. Kryzhitskii Iskusstvo 25 no. 1:62-64 '62.

KRZHIZHANOVSKII, GLEB MAKSIMILIANOVICH, 1872-1959

The 90th anniversary of G. M. Krzhizhanovskii's birth Vest AN SSSR 32 no. 3:102-101 Mr '62.

Revolutionary and scientist; 90th anniversary of G. M. Krzhizhanovskii's birth. Priroda 51 no. 2:94-96 F '62.

KUBA DISTRICT—FRUIT—DISEASES AND PESTS

Brief account of results of the investigation of some fruit pests. E. P. Sidorovnina. Trudy AzSTAZRa 1:49-58 '60.

KUBA DISTRICT—INSECTS, INJURIOUS AND BENEFICIAL—BIOLOGICAL CONTROL

Summarized results of the investigation and application of useful entomophaga for controlling fruit pests E. P. Sidorovnina. Trudy AzSTAZRa 1:99-105 '60

KUBAN—COLLECTIVE FARMS

Economic rise of the Kuban collective and state farms and the development of social relations in villages. G. Vorob'ev. Ekon. sel'khoz. 32 no. 12:12-23 D '61.

KUBAN—GAS, NATURAL—GEOLOGY

Characteristics of the distribution of gas and oil in the Kuban. A. N. Shardanov. Trudy KF VNII no. 6:3-22 '61.

KUBAN—GAS, NATURAL—GEOLOGY (Continued)

New data on the geology and gas and oil deposits of the eastern regions of the Kuban. K. O Rostovtsev, I A Voskresenskii, A. I. D'iakonov Trudy KF VNII no.6: 38-66 '61.

KUBAN—IRRIGATION FARMING—FINANCE

More on the transfer of irrigation systems to a business accounting basis A. Ulanov Fin. SSSR 23 no. 2:49-51 F '62.

KUBAN—PETROLEUM GEOLOGY

Characteristics of the distribution of gas and oil in the Kuban. A. N. Shardanov. Trudy KF VNII no.6:3-22 '61.

New data on the geology and gas and oil deposits of the eastern regions of the Kuban K. O. Rostovtsev, I A. Voskresenskii, A. I. D'iakonov. Trudy KF VNII no.6: 38-66 '61.

KUBAN—PIONEERS (COMMUNIST YOUTH)

Rocket constructors in the Kuban D. Ivannikov. Iun. tekh 6 no 1 18-21 Ja '62

KUBAN—REVOLUTION, 1917-1921

Ivanys, Vasyl'. [The paths of my life; reminiscences] Stezhkamy zhyttiu; spohady. New-Ulm Domu.
Book 4. [Capitulation, my life in the Crimea; my first steps in exile] Kapitulitatstiia Sydinnia v Krymu. Pershi kroky vygnannia 1961. 402 p.

KUBAN—ROCKS, SEDIMENTARY

Lithological types of Miocene rocks in the Abin-Ukrainian deposit and their jointing. R. G. Dmitrieva. Trudy KF VNII no. 6: 253-259 '61.

KUBAN—ROTATION OF CROPS

Crop yields in various crop rotations in the Kuban. V. S. Kosinskii. Trudy MIIZ no. 6: 146-166 '59.

KUBAN—STATE FARMS

Economic rise of the Kuban collective and state farms and the development of social relations in villages. G. Vorob'ev. Ekon. sel'khoz. 32 no. 12:12-23 D '61.

KUBAN-AZOV LOWLAND—GAS, NATURAL—GEOLOGY

Characteristics of oil and gas distribution in Neogene deposits in the western part of the southern edge of the western Kuban trough. I. P. Zhabrev, A. A. Dvortsova Trudy KF VNII no. 6 23-37 '61.

KUBAN-AZOV LOWLAND—GAS WELL LOGGING

Distribution of oil and gas potentials of upper Miocene reservoir rocks in the western Kuban trough based on logging data. A. Z Bedcher, A. A. Eremina, B M. Stolovitskii. Trudy KF VNII no. 6: 91-105 '61.

KUBAN-AZOV LOWLAND—OIL WELL LOGGING

Distribution of oil and gas potentials of upper Miocene reservoir rocks in the western Kuban trough based on logging data. A. Z. Bedchar, A. S. Eremina, B. M Stolovitskii. Trudy KF VNII no. 6: 91-105 '61.

KUBAN-AZOV LOWLAND—PALEONTOLOGY, STRATIGRAPHIC

Stratigraphy of the lower and middle Pliocene in the central part of the western Kuban trough. V. N. Buriak. Trudy KF VNII no. 6: 198-201 '61.

KUBAN-AZOV LOWLAND—PETROLEUM GEOLOGY

Calculating oil reserves in reservoir rocks of mixed type Miocene sediments in the western Kuban trough. M. S. Kravchuk. Trudy KF VNII no. 6: 313-319 '61.

Characteristics of oil and gas distribution in Neogene deposits in the western part of the southern edge of the western Kuban trough. I. P. Zhabrev, A. A. Dvortsova. Trudy KF VNII no. 6:23-37 '61.

KUBAN-AZOV LOWLAND—SEDIMENTS (GEOLOGY)

Cycles in the accumulation of Miocene sediments in the western part of the southern edge of the western Kuban trough. I. P. Zhabrev. Trudy KF VNII no. 6: 277-284 '61.

KUBAN VALLEY—MIDDLE AGES

Medieval dolmen vaults in the upper Kuban Valley. V. A. Kuznetsov. Krat. soob. Inst. arkheol. no. 85: 106-117 '61.

KUBAN VALLEY—SEPULCHRAL MONUMENTS

Medieval dolmen vaults in the upper Kuban Valley. V. A. Kuznetsov. Krat. soob. Inst. arkheol. no 85 106-117 '61.

KUBENO, LAKE—SALMON

Rearing the Siberian white salmon from Lake Kubeno [with summary in English on page 268]. N. I. IAndovskaia, Z. P. Tikhonova. Izv. GosNIORKH 51:52-59 '61.

KUINDZHI, ARKHIP IVANOVICH, 1842-1910

Kuindzhi, A. I. Arkhip Ivanovich Kuindzhi. Moskva, Gos. izd-vo izobraz. iskus., 1961. [9] p. illus. (Mastera russkogo iskusstva)

KUL'DZHA-BASY MOUNTAINS—PETROGLYPHS

Petroglyphs of the Kul'dzha-basy Mountain P. I Marikovskii. Trudy Inst. ist., arkheol. i etn AN Kazakh. SSR no. 12:78-86 '61.

KULUNDA DISTRICT—BOOKSELLERS AND BOOKSELLING

Particular concern of the party. A Vanlukova Sov. knizh torg. 15 no 2 12 F '62

KUMERTAU—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Party control is a way to improve leadership of the economy A Cherepenin Part. zhizn' no. 5 31-33 Mr '62

KUNYA-URGENCH—POTTERY

An ornamented vessel from Kunya-Urgench. G. A. Pugachenkova. Trudy TashGU no. 172:197-200 '60

KUNYA-URGENCH—SEPULCHRAL MONUMENTS

The Fakhr-Ad-Din-Razi mausoleum in Kunya-Urgench A. M Pribytkova Arkhit nas 13 189-198 '61.

KURA LOWLAND—BOTANY

Beideman, I. N., Z. G. Bespalova, and A. T. Rakhmanina. [Studies on ecology, geobotany, agriculture and drainage in the Kura-Aras Lowland of Transcaucasia; natural and anthropogenic changes of plant communities, water conditions and root systems of plants] Ekologo-geobotanicheskie i agromeliorativnye issledovaniia v Kura-Arakasinskoi nizmennosti Zakavkaz'ia; estestvennye i antropogennye smeny rastitel'nykh soobshchestv, vodnol rezhim i kornevye sistemy rastenii. Moskva, Izd-vo Akad. nauk SSSR, 1962. 464 p.

KURA LOWLAND—DRAINAGE

Seasonal dynamics of the drainage discharge module in the Mugan-Salyany Steppe. Sh N. Bagirov. Dokl. AN Azerb SSR 17 no. 12:1173-1177 '61

KURA LOWLAND—GEOLOGY, STRUCTURAL

Geotectonic development of the Kura lowland in the Paleogene and Miocene. V. A. Strakhov. Biul MOIP. Otd. geol. 37 no. 1:146-149 Ja-F '62.

KURA VALLEY—ETHNOLOGY

Anthropological study of the present-day population of the Kura Valley. R. M. Kasimova. Vop. antr no 5:67-82 '60

KURDIUMOV, GEORGII VIACHESLAVOVICH, 1902-

Academician G. V. Kurdiumov's 60th birthday. Stal' 22 no 2 190-191 F '62

KURDYAMICH REGION—WHEAT

A new occurrence of the wild einkorn Triticum boeticum (Boiss) in Azerbaijan. I. D. Mustafaev. Dokl. AN Azerb SSR 17 no. 12:1183-1184 '61.

KURGAN—INDUSTRIAL RELATIONS

Friend, adviser and teacher. S. Karpov. Part. zhizn' no. 6:47-49 Mr '62

KURGAN PROVINCE—DRAINAGE

Characteristics of the drainage network of the Kurgan-Tyube irrigation district. V. V. Koshkin. Izv. Otd. sel'khoz. i biol. nauk AN Tadzh SSR no. 3:84-101 '61

KURGAN PROVINCE—IRRIGATION

Characteristics of the drainage network of the Kurgan-Tyube irrigation district. V. V. Koshkin. Izv. Otd sel'khoz i biol. nauk AN Tadzh. SSR no. 3:84-101 '61

KURGAN PROVINCE—SERVICE INDUSTRIES

For the farm workers. A. Gribanov. Mest. prom. i khud. promys. 3 no. 2:28-29 F '62.

KURGAN PROVINCE—WATER, UNDERGROUND

Underground waters in Kurgan Province and their utilization for water supply. L. V. Slavinnova. Vop. gidrogeol. i inzh. geol. no. 19:3-20 '61.

KURSK MAGNETIC ANOMALY—CEMENT

Using overburden rocks of the Kursk Magnetic Anomaly for making cement. A. V. Druzhinin, E. P. Zvingintsev. Gor. zhur. no. 10:25-27 O '61.

KURSK MAGNETIC ANOMALY—IRON MINES AND MINING

Belgorod region of the Kursk Magnetic Anomaly. IU. V. Tereshchenko. Gor. zhur. no. 10:3-6 O '61.

KURSK MAGNETIC ANOMALY—MINE DRAINAGE

Water-lowering operations in the Mikhaylovka open-pit mine of the Kursk Magnetic Anomaly. P. M. Bespalov, S. V. Kravchuk. Gor. zhur. no. 10:38-42 O '61.

KURSK MAGNETIC ANOMALY—MINING ENGINEERING

Upraise mining by means of sectional blasting of deep holes in mines of the Kursk Magnetic Anomaly A. I. Churakov. Gor. zhur no. 12 30-33 D '61

KUSTANAY DISTRICT—COOPERATIVE SOCIETIES

In step with time. I. Oleinik. Koop. Kazakh. 4 no. 3: 52-53 Mr '61.

KUSTANAY PROVINCE—BEANS

Forage beans in Kustanay Province A. Kh. Ganeev. Zemledelie 24 no 1 41-12 Ja '62

Obtaining growing high forage bean yields on the "Presnogorkovskii" State Farm Kustanay Province Zemledelie 24 no. 1:39-41 Ja '62.

KUSTANAY PROVINCE—COOPERATIVE SOCIETIES

1961 will be even a better year. M Servatskii. Koop. Kazakh 4 no. 1 25-28 Ja '61

KUSTANAY PROVINCE—PEDDLERS AND PEDDLING

Automobile store starts the circuit A. Grigor'ev. Koop. Kazakh 4 no 3 7-8 Mr '61

KUSTANAY PROVINCE—RURAL CONDITIONS

In virgin lands; a traveler's notes. Byhor Niakhaf. Belarus' 19 no. 2:24-25 F '62

KUTAISI—AUTOMOBILE INDUSTRY—TECHNOLOGICAL INNOVATIONS

The lad from Kutaisi. Izobr i rats. no. 3:19 Mr '62.

KUYBYSHEV—AIRPORTS

How the Kurumoch Airport met the winter. M. Kravchenko. Grazhd. av. 18 no. 11:12-13 N '61.

KUYBYSHEV—FIRE PREVENTION—STUDY AND TEACHING

School desks in a fire department. M Kosoi Pozh delo 8 no. 2 21 F '62.

KUYBYSHEV—LABOR AND LABORING CLASSES

People on a quest. V. Chupakhin. Komsom. zhizn' no. 3:24-25 F '62.

KUYBYSHEV—PROSTHESIS

Work of prosthesis specialists. D. Borodin. Sots. obesp. 23 no. 1:42-43 Ja '62.

KUYBYSHEV PROVINCE—BUILDING—ESTIMATES

Using estimates in the construction of dwellings in the Kuybyshev Economic Council A Gol'tsberg, A. Radionova Biul nauch. inform. trud i zar. plata 5 no 2. 43-45 '62.

KUYBYSHEV PROVINCE—CONSTRUCTION INDUSTRY—ACCOUNTING

More on payments in the centralized delivery of goods. I. Nikolaev. Bukhg uchet 19 no. 1:32-33 Ja '62

KUYBYSHEV PROVINCE—EDUCATION, PRESCHOOL

In a joint family. K. I. Il'ina. Doshk. vosp 35 no. 2: 83 F '62.

KUYBYSHEV PROVINCE—LIBRARIES

Coordinating the work of the Kuybyshev Province Library with the organs of technical information, industrial enterprises and the regional economic council library. E B. Briskina. Bibliot SSSR no. 18:37-48 '61.

KUYBYSHEV PROVINCE—TECHNOLOGICAL INNOVATIONS

Who has the priority? E. Torkanovskii. Izobr. i rats. no. 3:31 Mr '62.

KUYBYSHEV PROVINCE—TRANSPORTATION, AUTOMOTIVE—TECHNOLOGICAL INNOVATIONS

Innovators E. Shevchenko Avt. transp 40 no 3:68 Mr '62.

KUYBYSHEV RESERVOIR—FISHERIES

Possibilities for utilizing the open areas of Kuybyshev Reservoir in commercial fishing K. S. Goncharenko Ryb. khoz. 38 no. 2:59-63 '62.

KUYBYSHEV RESERVOIR—HYDROGRAPHY

Vertical referencing of gauges in Kuybyshev Reservoir by the method of water leveling. P I. Nikulin Sbor. rab po gidrol no. 2 47-59 '61

Water stage regime and rise and flow phenomena in Kuybyshev Reservoir. P. I. Nikulin Sbor. rab po gidrol no. 2:33-46 '61.

KUYBYSHEV RESERVOIR—HYDROLOGY

Calculating the regimen of a river reservoir taking into account the nonhorizontality of the water surface. IA. D. Gil'denblat, D. V. Koreniatov. Trudy Gidroproekta no. 4:131-142 '60.

KUYBYSHEVSK—POSTAL SERVICE—EMPLOYEES

We will carry out the decisions of the party congress. F. T. Mazhaev. Vest. aviazi 22 no 3 17-18 Mr. '62

KUZNETSK ALA-TAU—ROCKS, SEDIMENTARY

A type of pyroclastic rocks of Cambrian volcanic sedimentary formations in the Kuznetsk Ala-Tau. E. A. Sokolova. Izv AN SSSR. Ser. geol 27 no 3 45-54 Mr '62.

KUZNETSK BASIN—COAL MINES AND MINING

Increase the output of large and medium size-grades of screened coal. I. I. Kuritsevich. Ugol' 37 no. 1:47-48 Ja '62.

Solution of vital production problems is the basis of the work of the Institute. S. I. Dmitriev. Ugol' 37 no. 3 7-10 Mr '62.

Stability of roof exposures in the short workings of Kuznetsk Basin slightly-dipping coal seams. M. P. Pereverzev. Ugol' 36 no. 7:8-11 Jl '61.

KUZNETSK BASIN—COAL MINES AND MINING—COSTS

Ivanova, K. A., and V. M. Novikov. [Cost of mine maintenance operations] Stoimost' podderzhaniia gornykh vyrabotok. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 73 p.

KUZNETSK BASIN—COAL MINES AND MINING—LABOR PRODUCTIVITY

A mine of high labor productivity. A. A. Kabanov. Ugol' 36 no. 7 1-2 Jl '61

A section of communist labor. Iu. E. Borisov. Ugol' 37 no. 2 13 F '62

KUZNETSK BASIN—COAL PREPARATION PLANTS—LABOR PRODUCTIVITY

Basic trends in the increase of labor productivity in Kuznetsk Basin coal preparation plants. K. K. Kolodii, A. P. Korzh. Ugol' 37 no. 1:44-47 Ja '62

KUZNETSK BASIN—MINE FIRES—SAFETY MEASURES

Intensify the prevention of underground fires in Kuznetsk Basin mines. V. A. Berdiugin. Bez. truda v prom. 6 no. 1:4-6 Ja '62

KUZNETSK BASIN—MINE INSPECTION

Activity of a regional office of the State Mine Inspection. V. I. Klitsunov. Bezop. truda v prom. 6 no. 2,24-26 F '62

KUZNETSK BASIN—ORTHOPEDIC SOCIETIES

Report on the 15th and 16th sessions of the Kuznetsk Basin Society of Traumatologists and Orthopedists. A. I. Osna, M. N. Nikitin. Ortop., travm. i protez no. 12:60-62 '61

KUZNETSK BASIN—STRIP MINING

Baring and mining out of deep levels in Kuznetsk Basin open pit mines. L. I. Dergachev. Ugol' 37 no. 2:19-21 F '62.

Hydromechanization of coal mining in the open-pit mines of Kuznetsk Basin. V. A. Britarev. Ugol' 37 no. 3 20-24 Mr '62

KUZNETSOV, EFREM ALEKSANDROVICH, 1892-

Professor Efrem Aleksandrovich Kuznetsov, on his 70th birthday. Vest. Mosk. un. Ser. 4 Geol. 17 no. 1:15-19 Ja-F '62.

KYASAMAN REGION—PETROLOGY

Lithology of Sarmatian deposits in the Kyasaman region (western Azerbaijan). A. M. Mamedaliev. Dokl. AN Azerb. SSR 17 no. 12:1159-1163 '61.

KYL'DI, LAKE—TEMPERATURE

Temperature conditions of Lake Kyl'di. A. N. Tolstov. Sbor. rab. po gidrol. no. 1:67-69 '59.

KYMOGRAPH

Device for making kymographs of recumbent patients. L. D. Gubskii, V. I. Bulatov, A. Z. Shvartsman. Vest. rent. i rad. 36 no. 4 70-72 Jl-Ag '61

KYZYL—TRAFFIC REGULATIONS

The "protectors of quiet." S. Morozov. Sov. deput. trud. no. 2:112 F '62.

KYZYL KUM—GEOLOGY

Subsurface geology of the Tashkent region, Kyzyl Kum, and adjacent regions based on geophysical data. I. M. Mel'kanovitskii. Sov. geol. 5 no. 2:17-28 F '62.

KZYL-ORDA—FRUIT TREES—FROST RESISTANCE

Physiological studies on frost resistance of fruit trees in Kzyl-Orda. Iu. Filippova. Uzb. biol. zhur. no. 5: 44-51 '61.

KZYL-ORDA—PRODUCTION STANDARDS

According to the Akulia method. A. Agapov. Part. zhizn' Kazakh. 32 no. 2:68-69 F '62

LABAZY—COMMUNITY CENTERS

After a seminar in Labazy. A. Rybin. Kul't.-pros. rab. 23 no. 2,13 F '62.

LABOR (OBSTETRICS)

Childbirth in the case of conjoined twins. V. M. Mel'nikov. Zdrav. Bel. 7 no. 6:58-59 Je '61.

Labor without pain. V. IA. Lagutina, A. N. Shibaeva. Med. sestra 20 no. 11:63-64 N '61.

Spontaneous childbirth in kyphosis. L. A. Kozlov, I. F. Poliakov. Kaz. med. zhur. no. 4:78-79 Jl-Ag '61.

LABOR, COMPLICATED

Foot presentation of the fetus. L. V. Vanina. Fel'd. i akush. 26 no. 11:52-54 N '61.

Subcutaneous emphysema in obstetrical practice. A. K. Poplavskii. Kaz. med. zhur. no. 6:36-38 N-D '61.

LABOR AND LABORING CLASSES

(see also subdivision under Bulgaria; Cuba; Georgia; Italy; Kuybyshev; Moldavia; Sumgait; Turkestan; Ukraine; United States)

Beliakov, V., comp. [Standard-bearers] Znamenostsy. Moskva, 1961. 418 p.

Changes in the occupational structure of the Soviet laboring classes during the large-scale building of communism. R. A. Kleshcheva. Nauch. dokl. vys. shkoly; filos. nauki 5 no. 1:48-56 '62.

Conscientious work. Part. zhizn' no. 4:53-64 F '62.

Increasing exploitation of the proletariat after the Second World War. M. Sorokopud. Vest. stat. no. 3 49-62 '62

Kudriavtsev, A. S., ed. [Labor economics in the U.S.S.R.] Ekonomika truda v SSSR. 2., perer. izd. [Moskva] Izd-vo VTsSPS Profizdat, 1961. 623 p.

Named for the Communist Youth League Congress. A. Stepanenko. Komsom. zhizn' no. 3-5-6 F '62

Overcoming the essential differences between physical and mental work. A. Kuryiev. Komm. Vooruzh. Sil 2 no. 4:9-19 F '62

"Raising the cultural level and technical qualification of Soviet workers." Reviewed by B. G. Dolgodilin and others. Vop. filos. 16 no. 2 164-168 '62.

Role of labor in the formation and change of consciousness. T. Nabin. Trudy Inst. filos. i prava AN Kazakh. SSR 5 118-130 '61

Rozhin, V. P. [What it means to work in the communist way] Chto znachit trudit'sia po-kommunisticheski. [Leningrad] Lenizdat, 1961. 53 p.

"Those in the lead." Reviewed by L. IUr'ev. Starsh.-serzh. no. 10 33 O '61

World Federation of Trade Unions and the tasks of the trade-union movement. Louis Saillant. Vsem. prof. dvizh. no. 1:17-44 Ja '62.

LABOR AND LABORING CLASSES—BIBLIOGRAPHY see Bibliography—Labor and laboring classes

LABOR AND LABORING CLASSES—DWELLINGS see subdivision under Komi A.S.S.R.

LABOR AND LABORING CLASSES—MEDICAL CARE see subdivision under Moscow

LABOR AND LABORING CLASSES—RESEARCH

Research in the field of labor economics in the light of the decisions of the 22d Congress of the CPSU. E. Kapustin. Biul. nauch. inform. trud i zar. plata 5 no. 1 3-12 '62

Transition to a higher stage of labor organization and the tasks of economics. P. Petrochenko. Biul. nauch. inform. trud i zar. plata 5 no. 2 3-9 '62.

LABOR AND LABORING CLASSES IN LITERATURE

Bazarbaev, M. B. [Image of the workers in Kazakh poetry] Obraz chelovieka truda v kazakhskoi poezii. Alma-Ata, Akad. nauk Kazakhskoi SSR, 1961. 237 p. (MH) (NN) (CLU)

LABOR COURTS

(see also subdivision under Korostyshev; Makhachkala; Odessa; Sverdlovsk; Ukraine)

Advice for voluntary policemen and the members of fellow workers' courts. Rad. pravo no. 1:97-101 Ja-F '62.

The group trains their character.... M. Babaev. Okhr. truda i sots. strakh. 5 no. 2:16-17 F '62.

Linenburg, G. A., and N. N. Leonova. [Fellow workers' courts in industrial enterprises] Tovarishcheskii sud na predpriiatii. Izd. 2., perer. i dop. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 96 p.

More attention to fellow workers' courts. A. Vitkovskii. Sov. iust. no. 2:17-18 Ja '62.

Our people struggle against criminal offenses and the violation of Soviet laws. A. IUdin. Rad. pravo no. 1: 91-91 Ja-F '62.

LABOR DISCIPLINE

Abramova, A. A. [Labor discipline in the U. S. S. R.] Distsiplina truda v SSSR. [Moskva] Izd-vo Mosk. univ., 1961. 78 p.

LABOR DISPUTES

(see also subdivision under Germany, East)

Moscow. Vsesoiuznyi institut iuridicheskikh nauk. [Commentaries to judicial practice in civil cases] Nauchnyi kommentarii sudebnoi praktiki po grazhdanskim delam. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 145 p.

Tille, A. A., and D. V. Shvaitser. [Examination of labor disputes in the U. S. S. R.; a textbook on the course: "Basic principles of the Soviet state and law"] Rassmotrenie trudovykh sporov v SSSR; uchebnoe posobie po kursu: Osnovy Sovetskogo Gosudarstva i prava. Moskva, Vses. zaochnyi finansovo-ekon. in-t, 1959. 22 p. [MICROFILM]

LABOR LAWS AND LEGISLATION

Answering our readers' questions. Sots. zakon. 39 no. 2 82-84 F '62.

Nikiforov, V. N. [Uninterrupted employment record] Nepreryvnyi trudovoi stazh. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 38 p. (IUridicheskie konsul'tatsii dlia naseleniia v voprosakh i otvetakh, no. 21)

LABOR PASSPORTS

How to prepare a labor passport. F. Mukhaev. Sel'. mekh. no. 2:27 '62.

LABOR PRODUCTIVITY

(see also subdivision under Armenia; United States)

Increase in labor productivity is the most important problem of our time. Khim. mash. no. 6:1-3 N-D '61.

Kuts, M. K., and IU. T. Ponomarev. [Main sources of the increase of labor productivity in U. S. S. R. industry] Osnovnye istochniki rosta proizvoditel'nosti truda v promyshlennosti SSSR. Leningrad, Ob-vo po raspr. polit. i nauchn. znanii RSFSR, 1961. 53 p.

Labor productivity in the industries of capitalist countries. P. Khromov. Ekon. Sov. Ukr. no. 3 100-106 My-Je '61

New features in measuring labor productivity. S. Chalyrov. Polit. samoobr. 6 no. 2 75-76 F '62

Problems concerning the growth of labor productivity. F. Volkov, N. Filin. Vest. Mosk. un. Ser. 6 Ekon., filos. 17 no. 2 78-91 Mr-Ap '62.

Shkuratov, O. I. [Ways to increase labor productivity in U. S. S. R. industry] Shliakhi pidvyshchennia produktyvnosti pratsi u promyslovosti SRSR. Kyiv, 1961. 40 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 3, no. 11)

This is refinement in production. I. Mushkatin. Nova no. 8,220-221 '61

Time consumed is the basis for the measurement of labor productivity. L. Valuatein, M. Gerber. Ekon. Sov. Ukr. no. 3 107-112 My-Je '61

"Today the goal of the innovators, tomorrow the goal of the collective." G. Petrov, A. Polushkin. Otv. nauch. trud. no. 6:2-7 Je '61

V. I. Lenin on the decisive importance of labor productivity for the victory of communism. V. M. Turukov, G. G. Deleshkov. Trudy LKI no. 30:53-64 '60

LABOR REST HOMES see subdivision under Kaliuin Province

LABOR SUPPLY

Utilizing labor resources in the future. V. Kozlukov, P. Litvinkov. Plan. khoz. 39 no. 3:19-20 Mr '63

LABORATORIES—PERIODICALS

Conference of readers of the journal "Zavodskaia laboratoria" at the Synthetic Fiber Combine. Zav. lab. 28 no. 1,127 '62.

LABYRINTH (EAR)—BLOOD SUPPLY

Vascular glomeruli in the inner ear of man [with summary in English]. N. A. Levin. Arkh. anat., gist. i embr. 41 no. 7:109-111 Jl '61.

LABYRINTH (EAR)—SURGERY

Asymmetry of hearing in the prognosis of fenestration of the labyrinth in otosclerosis [with summary in English]. K. L. Khilov, I. M. Belov, O. E. Zakhatova. Zhur. ush., nos. i gorl. bol. 20 no. 6:48-53 N-D '60

Function of the auditory analyzer following an operation for fenestration of the labyrinth depending on the stage of the operation [with summary in English]. I. V. Ostrekii. Zhur. ush., nos. i gorl. bol. 20 no. 6:59-61 N-D '60.

Late results of fenestration of the labyrinth in otosclerosis [with summary in English]. I. I. Tountlov. Zhur. ush., nos. i gorl. bol. 20 no. 6:54-59 N-D '60

New test for the functional prognosis of fenestration of the labyrinth in otosclerosis [with summary in English]. V. G. Chalov. Zhur. ush., nos. i gorl. bol. 20 no. 6:47-48 N-D '60.

LACE AND LACEMAKING see subdivision under Vologda Province

LACRIMAL ORGANS

Lacrimal secretion following stimulation of the conjunctiva of the eye and the mucosa of the oral cavity. I. A. Lapina. Fiziol. zhur. 48 no. 1:72-76 Ja '62.

Mitotic activity of cells of the liver and the outer orbital gland in white rats. V. N. Dobrokhotov, A. G. Babaeva, A. G. Kurdiumova. Dokl. AN SSSR 142 no. 2 449 461 Ja '62.

LACTATION

Effect of methylthiouracil on milk production and the function of the thyroid gland in goats. B. N. Ermolev. Fiziol. zhur. 48 no. 1:86-90 Ja '62.

LACTATION—CONGRESSES

First Symposium on the Physiology and Biochemistry of Lactation. I. A. Baryshnikov, G. B. Tverskoi. Fiziol. zhur. 48 no. 2:235-238 F '62.

LACTIC ACID

Lactic acid in the blood in infectious hepatitis. Sh. A. Sultanov. Med. zhur. Uzb. no. 9:60 S '61.

LACTIC ACID—PHYSIOLOGICAL EFFECT

Effect of levomycetin on the respiration, pyruvic dehydrogenase and lactic acid in dysenteric bacteria [with summary in English]. E. D. Molluk. Antibiotiki 6 no. 12:1117-1120 D '61.

LACTIC ACID BACTERIA

Investigating the technology of preparing dough containing the scalded flour leavened with thermophilic lactic acid bacteria. I. M. Roiter and others. Izv. vys. uchieb. zav. pishch. tekh. no. 6:58-65 '61.

Using lactic acid bacteria in preparing uncooked smoked sausages. A. Starostin, Zh. Kozlova. Miasn. ind. SSSR 32 no. 6:15-16 '61.

LACTOFLAVIN see Riboflavin

LACTONES

Substituted lactones and their transformations. Part 2. Condensation of δ-valerolactone with aromatic aldehydes V. M. Dashunin, R. V. Mueva, V. N. Belov. Zhur. ob. khim. 32 no. 2:422-425 F '62.

Unsaturated acids and macrocyclic lactones. Part 1. Synthesis of diacetylenic and diene macrocyclic lactones. L. D. Bergel'son, Iu. G. Molotkovskii, M. M. Shemiakin. Zhur. ob. khim. 32 no. 1:58-64 Ja '62.

LADAN, PAVLO STEPANOVYCH, 1892-1933

Outstanding member of the Communist Party of the Western Ukraine. A. D. IAroshenko. Ukr. ist. zhur. 6 no. 1 147 Ja-F '62

LADOGA, LAKE—ICE ON RIVERS, LAKES, ETC.

Use of some substances for speeding up the melting of ice. I. L. Skorin. Trudy AANII 218:200-208 '60.

LADOGA LAKE REGION—PEGMATITES

Kalita, A. P. [Rare earth pegmatites in the Alakurtti and Lake Ladoga regions] Redkozemel'nye pegmatity Alakurtti i Priladozh'ia. Moskva, Izd-vo Akad. nauk SSSR, 1961. 117 p.

LADYGINA-KOTS, NADEZHDA NIKOLAEVNA, 1889-

Honorary members of the Moscow Society of Naturalists. T. D. Gladkova, M. F. Nesturkh. Vop. antr. no. 6:139-143 '61.

LAGOCHILUS

Change in the work capability of the skeletal muscle under the influence of an infusion of intoxicating lagochilus. Kh. Irgashev. Med. zhur. Uzb. no. 6:67 Je '63

Electrocardiographic study of the effect of tinctures of certain plants of the genus Lagochilus. T. R. Abdurakhmanov, A. G. Sychev, V. A. TSybanova. Med. zhur. Uzb. no. 12:78 D '61

LAMBS—DISEASES AND PESTS

Treatment of lambs in white muscle disease. IU. Sozonov. Veterinariia 39 no. 1:60 Ja '62.

Use of sodium selenite in white muscle disease in lambs. G. I. Titov. Veterinariia 39 no. 1:58-59 Ja '62

LAMELLIBRANCHIATA, FOSSIL

(see also subdivision under Black Sea region; Siberia)

Find of mollusks of the genus Corbicula in Quaternary deposits of the Lake Baikal region. N. A. Logachev, S. P. Popova. Dokl. AN SSSR 143 no. 1:188-190 Mr '62.

LAMINAR FLOW

Perel'man, T. L. [Heat transfer in a laminar boundary layer during flow over a thin plate containing internal sources; Conference on Heat and Mass Transfer, Minsk, 1961] Teploobmen v laminarnom pogranichnom sloe pri obtekanii tonkoi plastiny s vnutrennimi istochnikami; soveshchanie po teplo- i massoobmenu, g. Minsk, 1961 g. [Minsk, 1961] 9 p.
[MICROFILM]

LAMINATED METALS

Cast steel-aluminum bimetal. N. A. Bunko, M. E. Semenov. Lit. proizv. no. 2:15-16 F '62.

Developing a technology of producing a steel-nonferrous metals bimetal. K. P. Kalinin, M. P. Litamina, M. Z. Spiridonova. Trudy Giprotsvetmetobrabotka no. 20: 218-226 '61.

Developing a technology of producing bimetal nickel-silver strips. K. P. Kalinin, M. Z. Spiridonova. Trudy Giprotsvetmetobrabotka no. 20:230-237 '61.

Rolling of bimetal rods with a strong steel core. I. K. Lazarov. Stal' 22 no. 2:145-148 F '62

Special features of the magnetic testing of thin coatings on bimetallic materials. G. M. Kukhtevich, N. A. Litvinenko, L. S. Amelina. Zav. lab. 28 no. 1:71-72 '62

LAMINATED METALS—WELDING

Welding and the corrosion resistance of steel-copper, steel-bronze, and steel-brass bimetals. A. N. Krutikov, T. V. Arest, M. M. Kristal'. Svar. proizv. no. 2:15-17 F '62.

LANCELETS

The level of energy metabolism in lancelets. V. S. Ivlev. Dokl. AN SSSR 140 no. 5:1217-1219 O '61.

Pelagic lancelet (Amphioxides pelagicus). E. A. Lubny-Tertsyk. Priroda 51 no. 2:113-114 F '62.

LANCRET, NICOLAS, 1690-1743

Leningrad, Ermitazh. [Nicolas Lancret's "The ballet dancer Camargo."] Nikola Lankre: Tantsovshchitsa Kamargo, Leningrad, Izd. Ermitazha, 1946. (Pamiatniki zapadnoevropeiskogo iskusstva, no. 19)
(NNC)

LAND

(see also subdivision under Semipalatinsk Province, Votkinsk Hydroelectric Power Station region)

Development of the organization of land use and the science of land use. N. N. Burikhin. Trudy MIIZ no. 6:5-23 '59.

Planning and using land resources. D. Stamp. Izv. AN SSSR. Ser. geog. no. 1:133-137 Ja-F '62.

LAND—TAXATION see subdivision under Bukhara

LAND, NATIONALIZATION OF

V. I. Lenin on the theoretical principles of the nationalization of land. M. P. Medvedev. Pratsi Od. un. 150 Ser. susp. nauk no. 3:199-210 '60

LAND TENURE

(see also subdivision under Armenia, Asia, Central; Azerbaijan, China, Netherlands, Spain)

How V. I. Lenin tried to strengthen the alliance of workers and peasants during the agrarian reforms of November 1917-June 1918. A. K. Dolgopolov. Trudy MADI no. 26:201-219 '60.

The land reform of Ivan the Terrible in 1565. R. G. Skrynnikov. Ist. zap. no. 70:223-250 '61

Sharapov, G. V. [Solution of the agrarian problem in Russia after the victory of the October Revolution, 1917-1920] Razreshenie agrarnogo voprosa v Rossii posle pobedy Oktiabr'skoi revoliutsii, 1917-1920 gg. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1961. 310 p.

V. I. Lenin on the nature of the agrarian problem and peasant land tenure in Russia in the late 19th and the early 20th centuries. Z. IA. Berezniak. Pratsi Od. un. 150, Ser. susp. nauk no. 3:234-244 '60

LANDFORMS

(see also subdivision under Bet-Pak-Dala)

Perel'man, A. I. [Geochemistry and landforms] Geokhimiia i landshafty. Moskva, Izd-vo "Znanie," 1961. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 12, Geologiia i geografiia, no. 10)

LANDFORMS—CLASSIFICATION

Classification of relief forms. I. I. Babkov. Uch. zap. LGU no. 298:27-36 '61

LANDFORMS—CONGRESSES

Problems in the science of landforms. V. Chupakhin. Vest. AN Kazakh. SSR 18 no. 1:103-104 Ja '62.

LANDING AIDS (AERONAUTICS)

For aircraft maintenance at night. N. I. Lupandin. Vest. Vozd. Fl. no. 10:84 O '61.

LANDSCAPE GARDENING see subdivision under Donets Basin

LANDSLIDES

(see also subdivision under Sikhote-Alin' Range region)

Effect of blasting on the stability of pit edges. P. S. Mironov. Vzryv delo no. 47/4 239-256 '61.

Quantitative evaluation of the role of individual factors governing the landslide processes as revealed by the study of underground waters. E. P. Emel'ianova. Vop. gidrogeol. i inzh. geol. no. 19:104-113 '61

LANGUAGE AND LANGUAGES

Linguistics as the theory of relationships existing between language systems and its modern practical uses. V. V. Ivanov. Soob. Otd. mekh. i avtom. inform. rab. no. 2 5-28 '61.

Maltinskaia, K. E., ed. [Problems of language and literature] Voprosy iazyka i literatury. Moskva, Izd-vo In-ta mezhdunarodnykh otnoshenii
No. 2, 1960. 110 p.
(NjP)

The origin of language elements in the course of anthropogenesis. V. A. Golovin. Vop. antr. no. 8 144-151 '61

Remarks on mathematical linguistics. L. N. Zasorina. Vest. Mosk. un. Ser. 7: Filol., zhur. 17 no. 1:55-59 Ja-F '62.

Structuralism [in Latvian]. J. Loja. Izv. AN Latv. SSR no. 12 3-12 '61.

LANGUAGE AND LANGUAGES—METHODOLOGY

What is mathematical linguistics. IU. O. Karpenko. Ukr. mova v shkoli 12 no. 1:10-15 Ja-F '62.

LANGUAGE AND LANGUAGES—STUDY AND TEACHING

Interest is the main stimulant for learning. M. Terskaia. Nar. obr. no. 3:54-57 Mr '62

International seminar on teaching foreign languages. E. Glatman. Nar. obr. no. 3:116-119 Mr '62.

International seminar on teaching foreign languages. V. Kraevskii. Sov. pedag. 26 no. 2:151-152 F '62.

Let's teach foreign languages to little children. Sem'ia i shkola 17 no. 1:19-21 Ja '62

Study of a foreign language. I. B. Lipatova, S. S. Zbandut. Doshk. vosp. 35 no. 2:58-63 F '62.

LANGUAGE AND LANGUAGES—PERIODICALS

Periodical "Inostrannye iazyki v shkole." T. A. Il'ina. Sov. pedag. 26 no. 2:138-144 F '62.

LANGUEDOC—HANDICRAFT

"Regulation of the handicrafts in Languedoc in the Middle Ages" [in French] by A. Gouron. Reviewed by N. V. Revunenkova. Sred. veka no. 19:274-279 '61.

LANTHANUM COMPOUNDS

Saturated vapor pressure over liquid chlorides of some lanthanides and over the systems $LnCl_3$ - KCl, where Ln= La, Ce, Pr, Nd. G. I. Novikov, A. K. Baev. Zhur. ob. khim. 32 no. 1:315-316 Ja '62

LANTHANUM FLUORIDE

Solubility of thorium, lanthanum, and cerium fluorides in uranyl nitrate solutions [with summary in English] E. N. Deichman, I. V. Tananaev. Zhur. anal. khim. 17 no. 1:134-136 Ja-F '62.

LAOS—ECONOMIC GEOGRAPHY

Kozhevnikov, V. A., and L. A. Sedov. Laos. Moskva, Gos. izd-vo geogr. lit-ry, 1962. 44 p. (U karty mira)

LAOS—POLITICS AND GOVERNMENT

Popov, G. P. [For an independent and neutral Laos; political study on the struggle of the progressive forces of Laos for national independence and neutrality] Za nezavisimyi i neitral'nyi Laos, politicheskii ocherk o bor'be progressivnykh sil Laosa za national'nuiu nezavisimost' i neitralitet. Moskva, Gos. izd-vo polit. lit-ry, 1961. 94 p.

We should find a key to the settlement of the Laotian problem. D. IAkovlev. Mezhdunar. zhizn' 8 no. 3, 114-115 Mr '62.

LAPPS

The Socialist changes in the material culture of the Saams, according to materials of the "Tundra" Collective Farm. G. I. Anokhin. Krat. soob. Inst. etn. no. 36 44-54 '62.

LARCENY

Gold plunderers (conclusion). R. Bershadskii. Ogonek 10 no. 7:18-22 F '62.

LARCH see subdivision under Gorno-Altai Autonomous Province

LARD

Effect of gamma rays and thermal processing on the destruction of antioxidants in lard [with summary in English] V. I. Pivnitskaia. Vop. pit. 21 no. 1:65-68 Ja-F '62

Production of fat melted from pigskins. S. Fishkin, R. Lebedova. Mias. ind. SSSR 32 no. 6 49 '61.

LARKSPUR

Prolification of flowers in perennial larkspur (Delphinium cultorum Voss.). N. I. Malutin. Bot. zhur. 46 no. 11: 1699-1700 N '61.

LARYNGOSCOPE

Method for measuring parts of the larynx and its pathological formations by indirect laryngoscopy. A. I. Aronskii. Vest. otorin. no. 2 91-92 '62.

New laryngological instruments for children. S. I. Agroskin, G. P. Bykova, A. IA. Shustrova. Vest. otorin. no. 2 87-88 '62

LARYNX—CANCER

Anesthesia in surgery for laryngeal cancer. L. A. Vaisberg, T. A. Rogichikova. Vest. otorin. no. 4:36-39 '61.

Cancer of the larynx in a 13-year-old boy. N. V. Vasilenko, A. V. Talalaeva. Vest. otorin. no. 4:93-95 '61.

Combined treatment of laryngeal cancer. N. N. IUdov. Vest. otorin. no. 2 50-53 '62

Some morphological changes in the larynx and the surrounding soft tissues in cancer [with summary in English]. S. I. Mostovoi. Zhur. ush., nos. i gorl. bol. 20 no. 6:73-76 N-D '60.

LARYNX—DISEASES

Rare localization of a specifically myeloid infiltration of the laryngeal ar[illegible]
T. I. Begunova. Z
76-80 N-D '60.

LARYNX—FRACT[illegible]

Two cases of com[illegible]
of the laryngeal
Uzb. no. 11:72

LARYNX—RADIO[illegible]

Tomography of t[illegible]
G. N. Treister.

LARYNX—SURGE[illegible]

Potentiated comb[illegible]
tirpation of the
Vest. otorin. [illegible]

Variant of plastic[illegible]
of the pharynx [illegible]
Vest. otorin. [illegible]

LARYNX—TUMO[illegible]

Laryngeal papill[illegible]
Zdrav. Kazakh.

LATEX

Evaluation of the[illegible]
L. A. Shits, E. [illegible]
no. 2:413-415 J

LATEX (Continued)

Some peculiarities of vulcanizing films made of chloroprene latex. V V Chernaia, G R Madina Kauch i rez. 20 no. 9 8-11 S '61

Study of the possibilities of obtaining smooth rubber coatings for printing plates by electrophoresis of types of rubber latex. D IU. Klimov Nauch trudy MPI no 12:37-47 '60

LATHES

Automatic readjustment device for the 1722 semiautomatic hydraulic duplicating lathe I IA Andriukhin Mashinostroenie no 1 31-36 Ja-F '62

Pneumatic mandrel for gripping thin-walled parts. A. B. Vasil'ev, N. A. Solov'ev, N. A. Potemkin. Avt. prom 28 no. 1 13 Ja '62

Pneumatic tapered displacement of the tailstock spindle of a lathe G A Glebov. Stan i instr 33 no 1:38 Ja '62

Programming device for lathes Tekh. mol 30 no 1 10 '62.

Valaitis, V [What a turner should know] Kas zinotinu tekintojui Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961 142 p. [In Lithuanian]

LATHES—MODELS

Electric model of the 1A62 machine Prof.-tekh obr 19 no 2 31 F '62

LATHES—TECHNOLOGICAL INNOVATIONS

Modernization of lathes for high-speed drilling of deep holes in heat-resistant steel valves A. D. Sheremet'ev, V. N Astanin. Stan. i instr 33 no 3:37-38 Mr '62

LATIN AMERICA—ECONOMIC CONDITIONS

"The voice of Latin America" [in English] by William Benton. Reviewed by IU Eliutin. Mezhdunar. znizn' 9 no. 1 134-137 Ap '62

LATIN AMERICA—FOREIGN ECONOMIC RELATIONS—UNITED STATES

United States policy in Latin America, 1958-1961 (to be concluded). Trinidad Martillo Mir. ekon. i mezdunar. otn. no. 3:50-64 Mr '62

LATIN AMERICA—HISTORY

Pseudophilosophy of a bourgeois sociologist E A. Pechuro Vop ist no. 3:195-196 Mr '62

LATIN AMERICA—POLITICS

Foolish declarations in Punta del Este. T. Mondragon. Mezhdunar. zhizn' 9 no. 4:22-29 Ap '62.

The Havana Declaration is an appeal for the struggle against imperialism. K. Tarasov Kommunist 38 no 4 80-89 Mr '62.

LATIN AMERICA IN LITERATURE

Notes on Latin America in F. F. Matiushkin's "Journal" [with summary in English] B. N. komissarov Vest. LGU 17 no. 2:165-166 '62

LATIN-AMERICAN STUDIES

How "The Hispanic American Historical Review" presents Soviet studies on Latin America. M. S. Al'perovich Vop ist no 3:186-187 Mr '62.

LATIN LANGUAGE—GRAMMAR

Borovskii, IA. M., and A. V. Boldyrev. [The Latin language] Latinskii iazyk. Izd 3., ispr. i dop. Moskva, Izd-vo lit-ry na inostr. iazykakh, 1961 446 p.

LATIN LITERATURE—HISTORY AND CRITICISM

Akademiia nauk SSSR. Institut mirovoi literatury. [History of Roman literature] Istorii rimskoi literatury. Pod red. S. I. Sobolevskogo, M. E. Grabar'-Passek, F. A. Petrovskogo. Moskva, Izd-vo Akad. nauk SSSR, Vol. 2. 1962. 483 p.

LATTICE THEORY

Resonance of domain boundaries and spin resonance in magnesium-nickel *ferrates*. *V. I. Shakhov*, E I Kondorskii. Fiz. tver. tela 4 no. 1:29-35 Ja '62

LATVIA—AGRICULTURE—TAXATION

Collective farm income tax. A. Kalnins. Fin. SSSR 23 no. 2:65-68 F '62.

LATVIA—ALDER

Germanization of pollen of various alder species in the Latvian S. S. R. [In Latvian with summary in Russian]. D. Piraga. Izv. AN Latv. SSR no 11:127-132 '61.

LATVIA—ARCHAEOLOGY

Latvijas Padomju Socialistikas Republikas Zinatnu akademija. Vestures institute. [Archaeology and ethnology; collection of articles] Arkheoloģija un etnogrāfija; rakstu krajums. Riga, Latvijas PSR Zinatnu akademijas izdevnieciba.
Vol. 2. 1960. 205 p.

LATVIA—ARMY

Draudins, T. [Combat history of the Latvian Riflemen, 1917-1920] Latviesu strelnieku sinu ceis, 1917-1920. Riga, Latvijas Valsts izdevnieciba, 1961. 150 p. [In Latvian]

LATVIA—BEETLES

Development of click beetle (Selatosomus aeneus L.) larvae in the Latvian S. S. R. [in Latvian with summaries in English and Russian). K. Jegina Izv. AN Latv SSR no 1 91-95 '62

LATVIA—CANCER

Vitenbergs, G., and E. Granto. [Is the incidence of cancer increasing?] Vai saslimstiba ar vezi kust biezaka? Riga, LPSR Zinatnu akademijas izdevnieciba, 1961 42 p [In Latvian]
(DNLM)

LATVIA—COLLECTIVE FARMS—INTERFARM COOPERATION

"Legal status of interfarm organizations in the Latvian S S R" [in Latvian] by V Sules Reviewed by E Udris, J Strautmanis (in Latvian) Izv AN Latv SSR no 1 151-152 '62.

LATVIA—COLLECTIVE FARMS—LABOR PRODUCTIVITY

"Methods for the calculating and analyzing labor productivity on collective and state farms" by M V Bagiad Reviewed by K Graudiņš Izv AN Latv SSR no 11 148-150 '61

LATVIA—COMMUNIST PARTY—BIBLIOGRAPHY

Riga, Valsts biblioteka. [Brief index of studies on the history of the Communist Party of Latvia, 1920-1940] Latvijas Komunistiskas partijas vesture, 1920-1940 g., tas literaturas raditaja. Istorija Kommunisticheskoi partii Latvii, 1920-1940 g., Kratkii ukazatel' literatury. Riga, 1960. 29 p. (Serija "Paliga LKP vesturies studesanai," no. 1)

LATVIA—COST AND STANDARD OF LIVING—CONGRESSES

Konferentsiia, posviashchennaia voprosam povysheniia urovnia zhizni trudiashchikhsia Latviiskoi SSR, Riga, 1960. [Problems in improving the living standards of workers] Voprosy povysheniia urovnia zhizni trudiashchikhsia; materialy Riga, Izd-vo Akad. nauk Latviiskoi SSR, 1961 218 p.

LATVIA—DRAINAGE

Land improvement in Latvia during the decline of feudalism, 1780-1860 [in Latvian] H Strods Izv. AN Latv. SSR no. 11 29-36 '61.

LATVIA—EARTH—SURFACE

Liepins, Peteris. [Structure of the earth's crust in Latvia] Zemes garozas uzbuve Latvija. Riga, Latvijas Valsts izdevnieciba, 1960. 49 p. (Populari Zinatniska Biblioteka) [In Latvian]

LATVIA—ECONOMIC CONDITIONS

Veinberg, A. M. [Impoverishment of the proletariat in bourgeois Latvia] Obnishchanie proletariata v burzhuaznoi Latvii. Riga, Latviiskoe Gos. izd-vo, 1961. 247 p.

LATVIA—EDUCATION, PRESCHOOL—CONGRESSES

Conferences of preschool workers. T. I. Lysikov. Doshk vosp 35 no 2:29-30 F '62.

LATVIA—ELECTRICITY IN AGRICULTURE

Technical and economic parameters of low voltage networks in rural settlements. O Paegle Izv AN Latv SSR no 1:59-67 '62

LATVIA—ELECTRONIC APPARATUS AND APPLIANCES

New factory of the Academy of Sciences [in Latvian]. J. Magone Izv. AN Latv. SSR no. 1 143 '62.

LATVIA—ETHNOLOGY

Latvijas Padomju Socialistikas Republikas Zinatnu akademija. Vestures institute. [Archaeology and ethnology, collection of articles] Arkheoloģija un etnografija, rakstu krajums. Riga, Latvijas PSR Zinatnu akademijas izdevnieciba.

LATVIA—FISHERIES—ECONOMIC ASPECTS

Measures for the further introduction of economic accountability at collective fisheries. M. Farbtukh. Izv. AN Latv. SSR no. 1:29-42 '62

LATVIA—FOREST MANAGEMENT

Zviedris, A., R. Sacenieks, and J. Matuzanis. [Improvement cuttings in forests of the Latvian S. S. R.] Kopsanas cirtes Latvijas PSR mezos. Riga, Latvijas PSR Zinatnu akad. izdevnieciba, 1961. 152 p. [In Latvian]
(DA)

LATVIA—HISTORY

"Latvia under the yoke of fascism" by A. A. Drizul. Reviewed by V. I. Savchenko. Vop. ist. no. 2:141-144 F '62.

"Soviet Latvia in 1919; documents and materials." Reviewed by A. Birons, I. Maslenikova [in Latvian]. Izv. AN Latv. SSR no. 1:145-150 '62.

LATVIA—LIBRARY CATALOGS

Catalog system of the State Library of the Latvian S. S. R. A. K. IAnson. Bibliot. SSSR no. 18:131-145 '61.

LATVIA—MOTION PICTURES—RELIGION

The debate did not take place. L. Gurov. Iak kino no. 1:80-83 Ja '62

LATVIA—MOTORCYCLE RACING

Road to great sports achievements. A. Veiv. Za rul. 20 no. 1:6-7 Ja '62.

LATVIA—PLANT LICE

Rupais, A. A. [Dendrophilous plant lice in the parks of Latvia] Dendrofil'nye tli v parkakh Latvii. Riga, Izd-vo Akad. nauk Latviiskoi SSR, 1961. 251 p.

LATVIA—POLITICS AND GOVERNMENT

Girshfel'd, B. [Workers and peasants faction of the Latvian Parliament] Rabochie-krest'ianskaia fraktsiia Latviiskogo seima. Riga, Latviiskoe gos. izd-vo, 1960. 142 p
(ICU)

Miller, V. O. [Development of the Soviet Latvian state] Razvitie Sovetskoi gosudarstvennosti v Latvii. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 174 p.

LATVIA—PRESS

Struggle of the Latvian Communist Party for the organization of the legal revolutionary press in the period of partial stabilization of capitalism, 1924-1929 [in Latvian] P Krupnikovs Izv AN Latv SSR no 11 15-27 '61

LATVIA—RADIO INDUSTRY

Zakis, M. P. [Technological progress of the radio equipment industry in Soviet Latvia] Tekhnicheskii progress v radiopromyshlennosti Sovetskoi Latvii. Riga, Izdvo Akad. nauk Latviiskoi SSR, 1957. 121 p.

LATVIA—REVOLUTION OF 1905

Dukhanova, Z. V. [How the Latvian Social Democratic Party struggled for the Alliance of workers and peasants in 1905] Bor'ba LSDRP za soiuz rabochego klassa i krest'ianstva v 1905 godu. Riga, Latviiskoe Gos. izd-vo, 1961. 97 p.

LATVIA—ROAD CONSTRUCTION

Vikmanis, E. [Practice in highway construction in the Latvian S. S. R.] Latvijas PSR automobilu ceļu buvniecibas pieredze. Riga, Latvijas Valsts izdevnieciba, 1960 137 p. [In Latvian]

LATVIA—SAPROPELS

Some sapropel deposits in the Latvian S S R and characteristics of their sediments [in Latvian with summary in German and Russian]. N Brukins, V. Ditba Izv AN Latv SSR no. 11 83-89 '61

LATVIA—SOCIAL CONFLICT

Some forms of the manifestation of the class struggle in Vidzeme and Kurzeme, 1908-1914 [in Latvian] I. Dilevica Izv. AN Latv. SSR no. 1:19-27 '62.

LATVIA—SOILS—COBALT CONTENT

Cobalt content of soils formed in Devonian sediments in the Latvian S S R [in Latvian with summary in English and Russian] F Lauenkrapca, R. Liedtiens. Izv AN Latv SSR no 11 91-94 '61.

LATVIA—STATE FARMS—LABOR PRODUCTIVITY

"Methods for the calculating and analyzing labor productivity on collective and state farms" by M. V Bagiad Reviewed by K Graudiņš. Izv AN Latv. SSR no 11 148-150 '61.

LATVIA—STATISTICS

"The Latvian S. S. R. in figures for 1960" Reviewed by B. Ignat'ev. Vest stat no. 3:76-76 '62

LATVIA—SWINE—DISEASES AND PESTS

Studying pneumonia in pigs in the Latvian S. S. R. [in Latvian with summary in English]. E. Saulite, G. Lagunovskis. Izv AN Latv. SSR no. 1:97-104 '62.

LATVIA—TRANSPORTATION

"Problems of economics in transportation." Reviewed by K. Graveliņš. Izv. AN Latv. SSR no. 11 141-147 '61

LATVIA—TUBERCULOSIS—PREVENTION

Status of tuberculosis control in the Latvian S. S. R. [with summary in French]. F. E. Kuznetsova. Probl tub no 2:3-8 '62.

LATVIA—WAGES—TRANSPORTATION, AUTOMOTIVE

Drizina, T. Z., and A. A. Ferber. [Wages for automobile chauffeurs; work practice of automotive transportation units of the Latvian S. S. R.] Oplata truda shoferov avtomobilei; opyt raboty avtotransportnykh khoziaistv Latviiskoi SSR, Riga, Latviiskoe Gos. izd-vo, 1961. 103 p.

LATVIA—WORLD WAR, 1939-1945

How Latvian nationalistic émigrés try to distort the history of the Great Patriotic War. V. Savchenko Voen ist. zhur. 4 no. 3:96-100 Mr '62.

LATVIAN ACADEMY OF SCIENCES

At the Presidium of the Academy of Sciences of the Latvian S. S. R. [in Latvian]. J. Magone. Izv. AN Latv. SSR no. 12:144 '61.

LATVIAN ACADEMY OF SCIENCES (Continued)
General meeting of the Academy of Sciences of the Latvian S. S R P Kokis Izv AN Latv. SSR no 1 131-142 '62
Problems of the Academy of Sciences of the Latvian S S. R and the 22d Congress of the Communist Party of the Soviet Union K Plaude Izv. AN Latv SSR no. 1 3-12 '62
Scientists fulfilled their obligations. P. Kokis. Izv. AN Latv. SSR no 11 133-135 '61.

LATVIAN LANGUAGE—DICTIONARIES
"Latvian dictionaries up to 1900" by D. Zemzare Reviewed by A Ozols [in Latvian] Izv AN Latv. SSR no. 11-151-154 '61

LATVIAN LANGUAGE—NOUN
Indeclinable nouns in the Latvian and Russian languages. M. Semenova Izv. AN Latv. SSR no 1 13-50 '62

LAUREL see subdivision under Georgia

LAVA see subdivision under Bezymyannyy Volcano

LAVA VALLEY—GEOMORPHOLOGY
Geomorphology of the Lava Valley. N. V. Iakinf', S. S. Kuznetsov. Uch zap. LGU no 208-137-143 '61

LAVRENEV, BORIS ANDREEVICH, 1894-
Commanding officer of a garrison. Vadym Ruzhyna. Ukraina no. 3,20 F '62.

LAVSAN
Plastic surgery of the peripheral arteries with lavsan prostheses of Soviet manufacture [with summary in English]. M. I Lytkin, L. V. Lebedev. Khirurgiia no. 2. 40-43 '62.

LAW
(see also subdivision under Ukraine; Uzbekistan)
Legislative enactments of the Union Republics. Biul. Verkh. Suda no. 6:41-47 '61.
New laws and regulations enacted by the ministries and governmental agencies of the U. S. S. R. and the Union Republics. Sots. zakon 39 no. 2 86-88 F '62
Preparation of the reference files of Soviet laws. V. Shebanova. Sov. iust. no. 4:13-14 F '62.
Russia (1923- U. S. S. R.) Laws, statutes, etc. [Collected laws of the U. S. S. R. and the decrees of the Presidium of the Supreme Soviet of the U. S. S. R., 1938-1961] Sbornik zakonov SSSR i ukazov Prezidiuma Verkhovnogo Sovets SSSR, 1938 g. - 1961 g. Moskva, Izd-vo "Izvestiia Sovetov deputatov trudiashchikhsia SSSR," 1961. 975 p.
The system of Soviet law. I. S. Ghiesnik. Sov. gos. i pravo no. 2:108-115 F '57.

LAW—BIBLIOGRAPHY see Bibliography—Law

LAW—CASES
(see also subdivision under Ukraine)
Decisions of the plenary session of the Supreme Court of the U. S. S. R. in individual cases. Biul Verkh Suda no. 1:16-19 '62.
Decisions of the plenary session of the Supreme Court in individual cases. Biul. Verkh. Suda no. 6:8-13 '61.
How the public prosecutors of the U. S. S. R. supervise the observance of laws. Sots. zakon. 39 no. 2 89-91 F '62
Rulings of the Judicial Collegium for Criminal Cases of the Supreme Court of the U. S. S. R. Biul Verkh. Suda no. 1:20-22 '62.
Rulings of the Judicial Collegium for Civil Cases of the Supreme Court of the U. S. S. R. Biul. Verkh. Suda no. 6:14-16 '61.
Rulings of the Judicial Collegium for Criminal Cases of the Supreme Court of the U. S. S. R. Biul. Verkh. Suda no. 6:17-20 '61.
Rulings of the Military Collegium of the Supreme Court of the U. S. S. R. Biul. Verkh. Suda no. 6:21-23 '61.

LAW—CODIFICATION
Theoretical principles of the codification of laws relating to the maintenance of natural resources. N. D. Kazantsev. Vest. Mosk. un. Ser. 10:Pravo 17 no. 1:16-26 Ja-Mr '62.

LAW—PERIODICALS see subdivision under China; Yugoslavia

LAW—PHILOSOPHY
Alekseev, S. S. [General theoretical problems concerning the system of Soviet law] Obshchie teoreticheskie problemy sistemy sovetskogo prava. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 184 p.
Problem of overcoming the results of the personality cult in Soviet jurisprudence and its discussion at Moscow University. A. V. Sots zakon. 39 no. 2:82-83 F '62
Some problems concerning the theory of socialist legal relations. A. K. Stalgevich. Sov. gos. i pravo no. 2: 23-32 F '57.

LAW—SOURCES
Two monuments of Old Russian literature. P. P. Epifanov. Vop. ist. no. 3:138-140 Mr '62

LAW—STUDY AND TEACHING see subdivision under Azerbaijan; Ossetia, North

LAW, SUMERIAN
Struve, V. V. [The state of Lagash; struggle for the development of civil law in Lagash from the 25th to the 24th century B C.] Gosudarstvo Lagash, bor'ba za rasshirenie grazhdanskogo prava v Lagashe XXV-XXIV vv. do nashei ery. Moskva, Izd-vo vostochnoi lit-ry, 1961 103 p.

LAW AND SOCIALISM
Strengthening Soviet legality and law and order N. Mironov Part. zhizn' no 5 8-16 Mr '62.

LAW SCHOOLS see subdivision under Lvov, Rumania

LAYING OUT (MACHINE-SHOP PRACTICE)
Epifantsev, V. F. [Fundamentals of drawing and laying out of parts] Elementy cherchenila i razmetki detalei 2., ispr. izd. Kiev, Gos izd-vo tekhn. lit-ry USSR, 1961. 143 p

LAYING OUT (MACHINE-SHOP PRACTICE)—GRAPHIC METHODS
Golovlev, S. G. [Development of the elements of equipment and piping; manual on analytic methods for the determination of dimensions] Razvertki elementov apparatury i truboprovodov, spravochnoe posobie po analiticheskim metodam opredelenila razmerov. Moskva, Gos. nauchno-tekhn izd-vo mashinostroit. lit-ry, 1961 211 p.

LAZAREV, E.
"We shall not forget! We shall not forgive!"; on a cantata by E. Lazarev, S. Shlifshtein Sov. muz 26 no 2: 39-44 F '62.

LAZAREV, MIKHAIL PETROVICH, 1779-1851
Russia (1923- U. S. S. R.) TSentral'nyi gosudarstvennyi arkhiv Voenno-Morskogo Flota. [M. P. Lazarev, documents] M. P. Lazarev; dokumenty. Pod red. K. I. Nikul'chenkova. Moskva, Voen. izd-vo M-va obor. SSSR. (Russkie flotovodtsy)
Vol. 3. 1961. 576 p.

LCHASHEN—BRONZE AGE
The Lchashen mounds; the 1956 excavations. A. O. Mnatsakanian. Krat. soob. Inst. arkheol. no. 85:66-72 '61.

LCHASHEN—MOUNDS
The Lchashen mounds; the 1956 excavations. A. O. Mnatsakanian. Krat. soob. inst. arkheol. no 85:66-72 '61.

LEACHING
Separating cerium from other rare-earth elements by oxidation with oxygen under pressure. A. N. Zelikman, Z. M. Liapina. Izv. vys ucheb zav., tsvet. met. 5 no. 1: 115-120 '62.

LEAD
Adsorption of tetraethyllead by activated carbon. I F Zemskov, G. I. Sidel'nikova. Zhur. prikl khim. 35 no. 2:468-472 F '62.

LEAD—ANALYSIS
Determination of hexaethyldilead in ethyl fluid [with summary in English]. A. L. Gol'dshtein, N. P. Lapteva, L. M. Shtifman. Zhur. anal. khim. 17 no. 1:143-144 Ja-F '62.

LEAD—ELECTROMETALLURGY
Electrolytic removal of bismuth from lead. IU. K. Delimarskii, I. G. Pavlenko, O. G. Zarubitskii. Zhur. prikl. khim. 35 no. 2:322-327 F '62.

LEAD—METALLURGY
Liquation refining of lead by means of aluminum. A. IA. Fisher. Trudy Giprotsvetmetobrabotka no 20, 305-315 '61.

LEAD—SPECTRA
Spectrum of the energy levels of Pb^{205}. G. M. Bukat. Izv. AN SSSR. Ser. fiz. 26 no 2:227-234 F '62.

LEAD ALLOYS
Extraction method of determining admixtures of zinc and nickel in type alloys. N. A. Kiseleva. Sbor. nauch. rab. VNIIPP no. 11:155-163 '60.

LEAD-BISMUTH ALLOYS
Electrolytic refinement of bismuthic lead in the nitric acid electrolyte. V. I. Solov'eva, O. A. Khan. Zhur. prikl. khim. 35 no. 2:310-317 F '62.
Electron diffraction study of the superlattice II of the alloy $PbBi_4Te_7$. A G Taiybov, B. K. Vainshtein. Kristallografiia 7 no. 1, 43-50 Ja-F '62.

LEAD COMPOUNDS
Phase analysis of converter slags for lead compounds, S. G. Trofimova. Izv. AN Uz. SSR, Ser. tekh. nauk 6 no. 1:76-84 '62

LEAD FERRATE
Kinetics of lead ferrite reduction by carbon monoxide. D. M. Chizhikov, T. E. Konyshkova. Dokl. AN SSSR 142 no. 6:1346-1349 F '62.

LEAD POISONING
Cholesterol metabolism in human subjects exposed to the prolonged action of lead. G. S. Konikova. Terap. arkh. no. 7:104-109 '61.

Functional state of the adrenal cortex in acute lead poisoning. E K Nurmagambetov. Vest. AN Kazakh SSR 18 no. 1:88-95 Ja '62.
Vascular disorders in chronic intoxication with tetraethyllead. L. M Bongard Kaz med. zhur. no 6:72-73 N-D '61.

LEAD SELENIDE
Reaction of lead selenide with oxygen V. P Zlomanov, A V. Novoselova Dokl AN SSSR 143 no 1 115-118 Mr '62

LEAD SULFIDE
Effect of oxygen on the photoluminescence of lead sulfide films. L. N. Galkin, L. N. Kurbatov. Opt i spektr 12 no. 1:95-98 Ja '62
Electron microscope study of the formation of layers of lead sulfide G I Distler, S A. Dartisina. Kristallografiia 7 no 1 107-113 Ja-F '62.

LEAST SQUARES
Applying the method of least squares to nonlinear equations A Langenbakh Dokl AN SSSR 143 no 1 31-34 Mr '62

LEATHER
Devices for the positioning of stiff leather in the production process. M. A. Braginskii. Izv. vys. ucheb. zav.; tekh. leg. prom. no. 1:113-126 '62.
Effect of the moisture of sole parts leather on the contact stress in the mechanical joints of shoe soles. V. N. TSvetkov, V. D. Rybchinskii. Nauch. trudy MTILP no. 18 76-80 '60.
Eliseeva, V. I. [Film forming polymers for leather finishing] Polimernye plenkoobrazovateli dlia otdelki kozhi. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1961. 236 p.

LEATHER—TESTING
Effect of high-frequency currents on the reactions of strained leather E. S. Sheinis, S S. Vasil'ev. Nauch. trudy MTILP no 18:52-60 '60.
Some problems in the methodology of the processing of experimental data in studying leather properties. M. P. Kuprianov. Izv. vys. ucheb. zav ;tekh leg prom. no. 1:81-88 '62.
Wear resistance of soles made from various areas of belting leather. K M Platunov and others. Nauch. trudy MTILP no. 18 61-75 '60.

LEATHER, ARTIFICIAL
Pine tar saved the situation G Buldakova Mest prom. i khud promys. 3 no 1 31 Ja '62.

LEATHER INDUSTRY
Lytkin, N. K. [Economics, organization and planning in the leather enterprises] Ekonomika, organizatsiia i planirovanie kozhevennykh predpriiatii. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1961. 359 p.
Processing of pigskins. A. Fridiland. Mest. prom. i khud. promys. 3 no. 2:17-18 F '62.

LEAVE OF ABSENCE
Supplementary leaves of absence and the working day. D. M. Pirogov. Voen. -med zhur. no. 8:85-86 Ag '61.

LEAVES
Leaves and pollen of hybrid trees. A. V. Al'benskii. Sbor. nauch. -issl. rab. po zashch. lesorazved. no. 2:3-16 '59.

LEBANESE PERIODICALS
Glorious career of a militant journal. D. IUsupov. Az. i Afr. seg. no. 2,59 F '62.

LEBANON—TRADE UNIONS
For peace, work, freedom, and solidarity! Az. i Afr. seg. no. 2 8-9 F '62.

LECITHIN
Data on the effect of pharmacological agents on cholesterol metabolism and the content of lecithin in the blood (the pharmacotherapy of atherosclerosis). N. A. Kharauzov. Vest. AMNSSSR 16 no. 11:40-47 '61.

LECTURES AND LECTURING see subdivision under Bol'shoe Murashkino District

LEFT- AND RIGHT-HANDEDNESS
Clinical investigations of the characteristics of aphasia in a left-handed person [with summary in French]. M. I. Botez, G. Calcaianu. Zhur. nevr. i psikh. 61 no. 6: 820-828 '61.

LEG
Measurement of the strength of the muscles of the leg and foot. IA. D. Shokhman. Ortop., travm. i protez. no. 1:70-72 '62.

LEGAL RESEARCH see subdivision under China; Ukraine

LEGISLATION
Leading role of the CPSU in the preparation and enactment of Soviet laws. P. Polezhai. Rad. pravo no. 1: 80-85 Ja-F '62.

LEIPZIG—DESCRIPTION

They call it Leipzig. J. Marcholdt. Vokrug sveta no. 5, 41-44 My '61

LEIPZIG—EXHIBITIONS

Leipzig, spring 1962. Sov. foto 22 no 3 30 Mr '62

Spring fair in Leipzig, interview with Horst Bittner. Nov. vrem. 20 no 10 21 Mr '62

LEIPZIG—MOTION-PICTURE FESTIVALS

Motion pictures of the world for peace. R. Khamen. Isk. kino no 2 137-143 F '62

LEMON BREEDING

Effect of the pollen parent on the sexual and nucellar progeny of the lemon. N. IA. Lomiri. Agrobiologiia no 6 912-914 N-D '61

LENA VALLEY—PETROLOGY

Comprehensive utilization of the data of absolute age and mineralogical analysis in the solution of paleogeographic problems (exemplified by the Lena Basin). G. P. Dubar'. Dokl. AN SSSR 143 no 1 175-178 Mr '62

LENGTH MEASUREMENT

Attachment to a minimeter for measuring great lengths. E. IA. Belisko. Izm. tekh. no 3 12 Mr '62

LENIN, VLADIMIR IL'ICH, 1870-1924

The armored train "Tovarishch Lenin." K. Grishchinskii. Neva no 11 217-218 '61

Dissemination of Lenin's works in Odessa in 1902-1905. A. D. Bachyns'kyi. Pratsi Od. un. 150. Ser. susp. nauk no. 3;347-354 '60.

Eternal power of Leninist ideas. A. V. Shcheglov. Nauch. dokl. vys. shkoly, filos. nauki 5 no 1-160-162 '62.

History of V. I. Lenin's struggle to create the Third International. V. S. Ten. Trudy TashGU no. 170;60-75 '60.

How Lenin's documents are being searched for and preserved. M. Veselina. IUn. tekh. 6 no 1 12-15 Ja '62.

How V. I. Lenin tried to strengthen the alliance of workers and peasants during the agrarian reforms of November 1917-June 1918. A. K. Dolgopolov. Trudy MADI no. 28 201-219 '60.

How V. I. Lenin, while struggling against dogmatism, developed some problems of Marxist theory; based on the materials of the Revolution of 1905-1907. M. E. Gvander. Pratsi Od. un. 150. Ser. susp. nauk no. 3; 45-55 '60.

How V. I. Lenin worked out the basic principles of Soviet foreign policy. O. H. Zubov, H. M. Trofimov. Pratsi Od. un. 150. Ser. susp. nauk no. 3; 139-150 '60.

Kosukha, P. I. [Lenin and the Communist Youth League] Lenin i komsomol. Kyiv, 1961. 47 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 10, no. 12)

Lenin, V. I. [Complete works] Polnoe sobranie sochinenii. Izd. 5. Moskva, Gos. izd-vo polit. lit-ry.
Vol. 26. [July 1914-August 1915] Iiul' 1914 - avgust 1915. 1961. 590 p.

Leninism, the banner under which the Soviet people fight for communism. Trudy LKI no. 30;5-13 '60.

Lenin's plan for the construction of the basis of socialist economics. O. A. Rybakov. Trudy LKI no 30;101-112 '60.

Lenin's "Pravda" in the years of new revolutionary upsurge. L. K. Erman. Prep. ist. v shkole 17 no 2 19-28 Mr-Ap '62.

Lenin's principle of peaceful coexistence is the basis of mutual relations between the U. S. S. R. and the capitalist countries. I. M. Rabinovich. Trudy LKI no. 30;79-89 '60.

Lenin's role in the organization of trade unions in Russia. D. S. Bel'for. Pratsi Od. un. 150. Ser. susp. nauk no. 3;75-91 '60.

Loginov, A. F. [Eternal example] Vechnyi primer. [Moskva] Izd-vo "Molodaia gvardiia,"

...ewspaper "Pravda" in ...12-1914 godov. Moskva, ...24[illegible] p.

...in foreign countries. ... no. 2;132-133 Mr-Ap '62

..., B. Lepeshinskaia.

...a in the light of Lenin's ...'oliakov. Trudy LKI

...icles in the light of V. I. ...d Empiriocriticism." ...no. 30;91-99 '60.

...'opment of agriculture in ...in the 1880's. A. K ... Ser. susp. nauk no. 3;

... Kryl. rod. 13 no. 1[illegible]

... [On Lenin; reminiscences] O Lenine; vospominaniia. Latvliskoe gos.

Rudenko, G. F. [Lenin's methodology of research on imperialism] O leninskoi metodologii issledovaniia imperializma. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 57 p.

They heard Lenin. I. A. Slonimskaia. Fel'd. i akush. 26 no. 11;3-8 N '61.

V. I. Lenin and Artem (F. A. Sergeev). V. I. Tuvaiev. Pratsi Od. un. 150. Ser. susp. nauk no 3;191-198 '60.

V. I. Lenin and communist education. L. A. Mialchylov. Pratsi Od. un. 150. Ser. susp. nauk no 3;21-34 '60.

V. I. Lenin and some problems of cultural development in the Soviet Ukraine during the civil war, 1918-1920. P. I. Vorobei. Pratsi Od. un. 150. Ser. susp. nauk no. 3;307-318 '60.

V. I. Lenin and the foreign policy of the Soviet state. L. R. Kleta'kyi. Ukr. ist. zhur. 6 no 2;3-13 Mr-Ap '62.

V. I. Lenin and the revolutionary and liberation movement in the Western Ukraine in 1917-1920. M. D. Svicharivs'ka. Pratsi Od. un. 150. Ser. susp. nauk no 3; 319-333 '60.

V. I. Lenin and the traditions of national liberation struggle. K. D. Petrialev. Pratsi Od. un. 150. Ser. susp. nauk no. 3;151-163 '60.

V. I. Lenin as the author of the agrarian program of the Bolsheviks. IA. M. Shternshtein. Pratsi Od. un. 150. Ser. susp. nauk no 3;211-223 '60.

V. I. Lenin, founder and leader of the Communist Party of the Soviet Union. D. I. Tishchenko. Trudy MADI no. 26;3-39 '60.

V. I. Lenin in Krasnoyarsk. A. G. Ivan'kov. Trudy LIEI no. 38;3-25 '61.

V. I. Lenin on cognition as a reflection of the objective world. P. A. TSuprov. Trudy MADI no. 26;85-100 '60.

V. I. Lenin on party spirit in philosophy. M. F. Shmidt. Trudy MADI no. 26;70-84 '60.

V. I. Lenin on scientific atheism. S. R. Rodionov. Trudy MADI no. 26;139-152 '60.

V. I. Lenin on socialist collectivization. O. H. Lobuneta'. Pratsi Od. un. 150. Ser. susp. nauk no. 3;56-66 '60.

V. I. Lenin on the alliance of workers and peasants before and during the first Russian revolution. K. H. Myhal'. Pratsi Od. un. 150. Ser. susp. nauk no. 3;245-257 '60.

V. I. Lenin on the decisive importance of labor productivity for the victory of communism. V. M. Burdov, G. G. Deleshkov. Trudy LKI no 30;53-64 '60.

V. I. Lenin on the early history of the labor movement in Russia. Z. V. Perashyna. Pratsi Od. un. 150. Ser. susp. nauk no. 3;164-178 '60.

V. I. Lenin on the effect of the First World War on the pauperization of workers. M. A. Moiseiev. Pratsi Od. un. 150. Ser. susp. nauk no. 3;258-269 '60.

V. I. Lenin on the methods for building a communist society in the U. S. S. R. M. A. Brusov. Trudy LKI no. 30; 15-29 '60.

V. I. Lenin on the military and political alliance of workers and rural toilers, 1918-1920. M. IU. Rakovs'kyi. Pratsi Od. un. 150. Ser. susp. nauk no. 3;262-295 '60.

V. I. Lenin on the national character of workers' strikes during the years of the new development of the revolutionary idea in 1910-1914. M. V. Sidorov. Trudy LKI no. 30;125-137 '60.

V. I. Lenin on the nature of the agrarian problem and peasant land tenure in Russia in the late 19th and the early 20th centuries. Z. IA. Berezniak. Pratsi Od. un. 150. Ser. susp. nauk no. 3;234-244 '60.

V. I. Lenin on the objectives of trade unions during the building of communism. A. P. Ivanov. Pratsi Od. un. 150. Ser. susp. nauk no. 3;92-102 '60.

V. I. Lenin on the patriotism of revolutionary democrats. V. M. Petrakova. Trudy MADI no. 26;188-200 '60.

V. I. Lenin on the role of technology and technical progress in the building of socialism and communism. V. G. Marakhov. Trudy LKI no. 30;43-52 '60.

V. I. Lenin on the role of technology during the building of communism. V. S. Prokof'ev. Trudy MADI no 20; 174-180 '60.

V. I. Lenin on the role of the masses in history. S. IU. Zak. Pratsi Od. un. 150. Ser. susp. nauk no. 3;35-44 '60.

V. I. Lenin on the role of Ukrainian peasants in the defeat of the foreign and local counterrevolution in 1918-1920. P. S. Stoliar. Pratsi Od. un. 150. Ser. susp. nauk no 3; 296-306 '60.

V. I. Lenin on the theoretical principles of the nationalization of land. M. P. Medvediev. Pratsi Od. un. 150. Ser. susp. nauk no. 3;199-210 '60.

V. I. Lenin on the use of state capitalistic forms during the dictatorship of the proletariat and the present-day implementation of his ideas. V. G. Revenko. Trudy MADI no. 28;153-173 '60.

V. I. Lenin on the ways to improve the Soviet standard of living. I. M. Shutov. Pratsi Od. un. 150. Ser. susp nauk no. 3;112-123 '60.

V. I. Lenin on the workers' participation in government. M. O. Chechik. Trudy LKI no. 30;66-78 '60.

V. I. Lenin on the working out of dialectical logic and the general development of logic (to be continued). A. Joja. Nauch. dokl. vys. shkoly; filos. nauki 5 no. 1;68-78 '62.

V. I. Lenin's "cooperative plan" as a constituent part of the program for the building of socialism in the U. S. S. R. M. IA. Finogin, I. M. Frolov. Pratsi Od. un. 150. Ser. susp. nauk no. 3;67-75 '60.

V. I. Lenin's important work "The nature of militant materialism." V. Ivanov. Komm. Bel. 39 no 3 [illegible] Mr '62.

V. I. Lenin's important work "What is to be done?" V. Vasiliuk. Komm. Bel. 39 no. 3;52-56 Mr '62.

V. I. Lenin's unmasking of the opportunistic tactics of the Mensheviks in the period of the development of the first bourgeois democratic revolution in Russia. I. I. Ignatov. Trudy LKI no. 30-113-123 '60.

Vladimir Il'ich Lenin on Siberia. A. M. Sviatkova, A. I. Kurakin. Geog. v shkole 25 no. 2;2-5 Mr-Ap '62.

LENIN, VLADIMIR IL'ICH, 1870-1924—HOME AND HAUNTS

[Cottage in Il'ichovo; guide book] Domik v Il'ichove, putevoditel'. [Leningrad] Lenizdat, 1961. 10 p. (Memorial'nye muzei V. I. Lenina)

Moscow. TSentral'nyi muzei V. I. Lenina. Leningradskii filial. [Apartment at 52 Lenin Street] Kvartira na ulitse Lenina, 52; putevoditel'. [Leningrad] Lenizdat, 1961. 50 p. (Memorial'nye muzei V. I. Lenina v Leningrade)

Moscow. TSentral'nyi muzei V. I. Lenina. Leningradskii filial. [Apartment at 1 Serdobol'skaya Street] Kvartira na Serdobol'skoi ulitse, 1; putevoditel'. [Leningrad] Lenizdat, 1961. 46 p. (Memorial'nye muzei V. I. Lenina v Leningrade)

Moscow. TSentral'nyi muzei V. I. Lenina. Leningradskii filial. [Apartment at 7 Il'ich Lane] Kvartira na pereulke Il'icha, 7; putevoditel'. [Leningrad] Lenizdat, 1961. 57 p. (Memorial'nye muzei V. I. Lenina)

Moscow. TSentral'nyi muzei V. I. Lenina. Leningradskii filial. [Apartment at 17-a 10th Soviet Street] Kvartira na 10-i Sovetskoi ulitse, 17-a, putevoditel'. [Leningrad] Lenizdat, 1961. 37 p. (Memorial'nye muzei V. I. Lenina v Leningrade)

[V. I. Lenin's Home Museum in Gorki] Dom-muzei V. I. Lenina v Gorkakh. [Moskva] Izd-vo "Pravda," 1961. 1 v. illus.

LENIN, VLADIMIR IL'ICH, 1870-1924—MUSEUMS, RELICS, ETC.

Barkovskaia, T. N., and G. E. Stepanova. [V. I. Lenin Home and Museum, a guide] Dom muzei V. I. Lenina, putevoditel'. [Kuibyshev] Kuibyshevskoe knizhnoe izd-vo, 1960. 42 p.
(NNC)

LENIN (ATOMIC SHIP)

Atomic icebreaker at work. IU. Klimenchenko. Neva no. 9;217-210 '61.

LENIN PRIZES

Mal'tsev, M. M. [Highest reward] Vysshaia nagrada. Moskva, Voen. izd-vo M-va oborony SSSR, 1962. 112 p.

[Winners of Lenin Prizes in 1961] Laureaty Leninskikh premii, sbornik statei. Moskva, Izd-vo "Znanie," 1961. 74 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Bor. 4, [illegible] no. 23/24)

LENINA BASIN—COAL GEOLOGY

Ignatchenko, N. A. [Geology and formation of the Yakutsk-Kangalassy region; (Iona coal basin)] Geologicheskoe stroenie i formirovanie [Iakutskogo ugol'nogo] laskogo raiona; (Leneskii ugol'nyi bassein). Moskva, Izd-vo Akad. nauk SSSR, 1961. 142 p.

LENINAKAN—ELECTRIC TRANSFORMERS

SOBS-2, POBS-2 and POBS-3 transformers. Prom. Arm. 4 no. 12;48-50 D '61.

LENINGRAD—ACCIDENTS

Trauma in general disease incidence of the population of Leningrad. A. IA. IUrkevich. Ortop., travmat. i protez. no. 1;64-68 '62.

LENINGRAD—AIRPLANES—MAINTENANCE AND REPAIR

On the night shift. V. Illarionov. Grazhd. av. 10 no 11 10-11 N '61.

LENINGRAD—AMATEUR THEATRICALS

Amateur opera performance... K. Konstantinova. Neva no. 9;220 '61.

In full measure. A. Rigin. Neva. no. 9;173-176 '61.

LENINGRAD—ARCHIVES

Archives of the Leningrad Branch of the Institute of History of the Academy of Sciences of the U. S. S. R. K. I. Kozintseva, B. I. Rutenburg. Vop. ist. no. 2;160 198 '62.

LENINGRAD—ART GALLERIES AND MUSEUMS

A slanderer and the Hermitage. Dm. Moldavskii. Neva no. 10-184-186 '61.

LENINGRAD—AUTHORS, LABORING CLASS

Inspiration born of work. N. Novoselov. Neva no 10 195-202 '61.

LENINGRAD—BUILDING

Zhgun, V. P. [Brigade plan for the introduction of new techniques] Brigadnyi plan vnedreniia novoi tekhniki, iz opyta raboty Leningradskogo Polustrovskogo domostroitel'nogo kombinata. Leningrad, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 78 p.

LENINGRAD—CAMERAS—REPAIRING

The factory's address is 20 Nevskiy... V. Ganshin. Neva no 9:218-220 '61

LENINGRAD—COMMUNIST EDUCATION

Some problems concerning the ideological and political education of students of Leningrad schools, 1926-1929. N. A. Maslennikova. Trudy LIIZ no 38:110-129 '61.

LENINGRAD—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Ideological committees of primary party organizations. G. Kiselev, E. Zazerskii. Part. zhizn' no 6 53-57 Mr '62

Let's bring the party's ideas to the masses. E. Zazerskii. Polit. samoobr 6 no 2 95-98 F '62

LENINGRAD—DESCRIPTION

Kozlov, A. I., and K. N. Golygin. [District changes its appearance] Raion menlaet oblik. [Leningrad] Lenizdat, 1961. 39 p. (Novoe vkhodit v zhizn')

Solov'ev, V. R. Leningrad. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 82 p. (Biblioteka shkol'nika)

LENINGRAD—EDUCATION, HIGHER

Kol'tsov, A. V. [Scholars of Leningrad during the blockade; 1941-1943] Uchenye Leningrada v gody blokady, 1941-1943. Moskva, Izd-vo Akad. nauk SSSR, 1962. 142 p.

[New features in the work of the institutions of higher learning] Novoe v rabote vuzov. [Leningrad] Lenizdat, 1961. 157 p.

LENINGRAD—EVENING AND CONTINUATION SCHOOLS

Shitov, I. I. [Leningrad schools for working youth; historical essay, 1942-1960] Leningradskie shkoly rabochei molodezhi; istoricheskii ocherk, 1942-1960 gg. [Leningrad] Lenizdat, 1961. 147 p.

LENINGRAD—GRAIN MILLING

Efficiency experts are striving for the automation and mechanization of industry. A. Zazulin Muk.-elev. prom. 27 no 8:6-7 S '61.

LENINGRAD—INDUSTRIAL MANAGEMENT

Organization of specialized enterprises at the Leningrad Economic Council A. S. Mamchenko Biul. tekh.-ekon. inform no 1:78-80 '62.

Voltolovskii, V. N., and L. G. Zverev. [Profit of an industrial enterprise] Rentabel'nost' promyshlennogo predpriiatiia. [Leningrad] Lenizdat, 1961. 28 p. (Osnovy ekonomicheskikh znanii kazhdomu rabochemu)

LENINGRAD—INDUSTRIES

In a great campaign. G. Romanov. Neva no. 9:155-159 '61

LENINGRAD—LIBRARY CONFERENCES

Basic methodological libraries. S. Golubchik, B. Khanin. Kniga 5 no. 1:37 Ja '62.

LENINGRAD—MACHINE-TOOL INDUSTRY—TECHNOLOGICAL INNOVATIONS

Our practice in modernization. N. Antsimova. Plan. khoz. 39 no. 3:48-52 Mr '62.

LENINGRAD—MACHINERY INDUSTRY

At the Neva Machinery Manufacturing Plant named after V. I. Lenin. O. M. Kiselev. Energomashinostroenie 8 no. 3 37, 40 Mr '62.

Innovators of the Nevskii Machinery Plant save metals. V. Isaev. Mashinostroitel' no. 2:43 F '62

Leningrad. Institut istorii partii. [History of the Kirov (formerly Putilov) Metallurgical and Machinery Plant in Leningrad] Istoriia Kirovskogo (byv. Putilovskogo) metallurgicheskogo i mashinostroitel'nogo zavoda v Leningrade. Moskva, Izd-vo sotsial'no-ekon. lit-ry.

[Vol. 1.] Mitelmann, M., B. Glebov and A. Ul'ianskii. [History of the Putilov Plant 1801-1917] Istoriia Putilovskogo zavoda, 1801-1917. [Izd. 3.] 1961. 719 p.

LENINGRAD—MACHINERY INDUSTRY—TECHNOLOGICAL INNOVATIONS

Practice of a repair mechanic. I. I. Meerovich. Mashinostroitel' no. 2:5 F '62.

LENINGRAD—MONUMENTS

Petrova, E. N. [Monumental and decorative sculpture of Leningrad] Monumental'naia i dekorativnaia skul'ptura Leningrada. Leningrad, "Khudozhnik RSFSR," 1961. 61 p. (chiefly illus.)

LENINGRAD—MUSIC

Bogdanov-Berezovskii, V., ed. [Musical life of Leningrad] Muzykal'naia zhizn' Leningrada; sbornik statei. Leningrad, Sovetskii kompozitor, 1961. 384 p.

LENINGRAD—OPERA

Amateur opera performance... K. Komissarova. Neva no. 9:220 '61.

Closer to Prokof'ev. L. Dan'ko. Sov. muz. 26 no. 2: 59-62 F '62.

LENINGRAD—PAINT INDUSTRY

A shop becomes a factory. V. Samurov. Mest. prom. i khud. promys 3 no. 2,14 F '62.

LENINGRAD—PAINTINGS

Berezina, V. N. [West European painting from the 15th to the 19th century, explanatory text accompanying the series of reproductions "Treasures of the Hermitage."] Zapadnoevropeiskaia zhivopis' XV-XIX vekov, poiasnitel'nyi tekst k komplektu reproduktsii "Sokrovishcha Ermitazha." Leningrad, Izd-vo Gos. Ermitazha, 1961. 13 p. plates

LENINGRAD—PHARMACY

From the work of the analysis department of pharmacy No. 11 in Leningrad A. B. Shofman. Apt. delo 10 no 6 59-61 N-D '61.

LENINGRAD—RAYON SPINNING

Twelve times faster; spinnerette for producing nylon filaments. Mest. prom. i khud promys. 3 no 2,19 F '62

LENINGRAD—RODENTIA—MICROBIOLOGY

Microflora of rodents in Leningrad. Report No. 2. A. P. Andreeva and others. Zhur. mikrobiol., epidem. i immun. 32 no 9 133-134 S '61.

LENINGRAD—SIEGE, 1941-1944

Benefactress of Leningrad N. Korol'kov. Starsh.-serzh no 11 34 O[s.N] '61

Dement'ev, V. M. [How Soviet youth defended the city of Leningrad] Molodezh' na zashchite Leningrada. [Leningrad] Lenizdat, 1961. 222 p.

Immortality. A. Verësov. Neva no. 9:172-179 '61.

Karasev, A. V. [Defense of the city of Lenin] Na zashchite goroda Lenina Moskva, Izd-vo DOSAAF, 1961. 127 p.

Kol'tsov, A. V. [Scholars of Leningrad during the blockade; 1941-1943] Uchenye Leningrada v gody blokady, 1941-1943 Moskva, Izd-vo Akad. nauk SSSR, 1962 142 p.

LENINGRAD—SOCIALIST COMPETITION

Belikov, N. M. [Man's glory is his work] Chelovek slaven trudom. [Leningrad] Lenizdat, 1961 56 p. (Rabotat' i zhit' po-kommunisticheski)

How the Communists of the Vyborg Section in Leningrad tried to develop socialist competition during the first five-year plan. A. M. Lazareva. Trudy LIIZ no. 38: 77-93 '61.

Incidental talk. F. Samoilov Neva no. 10:144-145 '61.

Kuznetsov, A. V. [Communist labor will triumph; from the experience of communist labor groups in Leningrad industries] Kommunisticheskii trud pobedit; iz opyta raboty kollektivov kommunisticheskogo truda promyshlennykh predpriiatii Leningrada. [Leningrad] Lenizdat, 1961 101 p.

LENINGRAD—SOVIETS

My "university." N. Kirsanova. Sov. deput. trud. no. 2: 47-52 F '62

LENINGRAD—STEAM TURBINES

The K-300-240 steam turbine manufactured by the Leningrad Metalworks P. S. Gladkovskii Energomashinostroenie 8 no 3 1-3 Mr '62

LENINGRAD—STRING QUARTET

"The Borodinians." A. St. Sov. muz. 26 no. 2:108-109 F '62.

LENINGRAD—SYMPHONY ORCHESTRAS

On symphonic music. E. Mravinskii. Neva no. 8: 180-182 '61.

LENINGRAD—TELEPHONE, AUTOMATIC

Practice of using automatic telephone exchanges installed in dwellings on the municipal telephone network in Leningrad. M. A. Martynov Vest. sviazi 22 no 2,21-22 F '62.

LENINGRAD—THEATER

"After the wedding." D. Zolotnitskii. Teatr 23 no. 2: 87-88 F '62.

In Leningrad. Iu. Alianskii. Teatr 23 no. 2:150-154 F '62.

LENINGRAD—TIRES, RUBBER

Developing a new design of shoulder drums without dismountable shoulders for 8.25-15 and 9.00-16 tire casing building at the Leningrad Tire Factory. K. I. Gorskaia, A. I. Kon'kova. Kauch. i rez. 21 no. 2:42-43 F '62.

LENINGRAD—TRAFFIC SAFETY

Bronshtein, IA. I. [Prevention of accidents and organization of safe traffic in Leningrad] Opyt bezavarinoi raboty i metody organizatsii bezopasnogo dvizheniia v Leningrade. Moskva, Avtotransizdat, 1961. 48 p.

LENINGRAD—TURBINES—TECHNOLOGICAL INNOVATIONS

Aleksandrov, A. S. [Innovators at the Leningrad Metal Plant] Novatory s Metallicheskogo. [Leningrad] Lenizdat, 1961. 101 p.

LENINGRAD—WAR MEMORIALS

Chernykh, G. G. [Avenue of heroes] Alleia geroev. Leningrad, Obshchestvo po rasprostraneniiu polit. i nauch. znanii RSFSR, 1961. 66 p

LENINGRAD PROVINCE—AGRICULTURAL WORKERS

Ways for the balanced use of labor on state farms in Leningrad Province V. I. Ur'ev. Ekon. sel'khoz 32 no. 12:69-72 D '61

LENINGRAD PROVINCE—AGRICULTURE

Leningrad. Institut istorii partii. [For a sharp upsurge in agriculture; from the work practice of the party organizations of Leningrad Province, 1953-1960] Za krutoi pod"em sel'skogo khoziaistva, iz opyta raboty partiinykh organizatsii Leningradskoi oblasti, 1953-1960 gg. [Leningrad] Lenizdat, 1961. 218 p.

LENINGRAD PROVINCE—BOARDING SCHOOLS

Psychological and practical preparation of children for work M. Bykova. Nar. obr. no. 3 65-67 Mr '62.

LENINGRAD PROVINCE—CELLULOSE INDUSTRY

At a command post A. Petrov, T. Starichkov. Neva no 10 164-173 '61

LENINGRAD PROVINCE—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Leningrad. Institut istorii partii. [For a sharp upsurge in agriculture; from the work practice of the party organizations of Leningrad Province, 1953-1960] Za krutoi pod"em sel'skogo khoziaistva; iz opyta raboty partiinykh organizatsii Leningradskoi oblasti, 1953-1960 gg. [Leningrad] Lenizdat, 1961. 218 p.

LENINGRAD PROVINCE—ONCOLOGICAL SOCIETIES

Transactions of the 56th session of the Leningrad and Leningrad Province Oncological Society. S. A. Kholdin, N. P. Napalkov. Vop. onk. 7 no. 7 119-121 '61.

LENINGRAD PROVINCE—ROAD MATERIALS

Building beds of weak limestone for roads in Leningrad Province A. P. Kuznetsov. Avt. dor. 25 no. 2 10-11 F '62.

LENINGRAD REGION—PASTURES AND MEADOWS

Observations on the changes in the grass cover of meadows and glades from year to year [with summary in English]. A. A. Nitsenko Vest. LGU 17 no 3:17-31 '62.

LENINGRAD UNIVERSITY

Leningrad (Province) Gosudarstvennyi istoricheskii arkhiv. [Materials on the history of Leningrad University, 1819-1917, survey of archival documents] Materialy po istorii Leningradskogo universiteta, 1819-1917, obzor arkhivnykh dokumentov. Sost. A. Kh. Gorfunkel', L. A. Nikulina, S. N. Semanov. Pod red. S. N. Valka. [Leningrad] Izd-vo Leningr. univ., 1961. 123 p.

LENINOGORSK—ART INDUSTRIES

"There are grains of gold in those rocks." P. IEvlev Mest. prom. i khud. promys. 3 no. 1 36 Ja '62

LENINOGORSK—NONFERROUS METAL INDUSTRIES

Speed up the transition to over-all mechanization and automation. I. Shchetinin. Nar. khoz. Kazakh 20 no. 2:60-61 F '62.

LENINOGORSK DISTRICT (TATAR A.S.S.R.)—GOITER

Endemic goiter in the western part of the [former] Shugurov District of the Tatar A.S.S.R. N. Sh. Kuramshina-Bichurina. Kaz. med. zhur. no. 6 68-70 N-D '61.

LENINOGORSK REGION (EAST KAZAKHSTAN PROVINCE)—MINING ENGINEERING

Leninogorsk complex ore combine. I. M. Maikin. Gor. zhur no 10:8-13 O '61.

LENS, CRYSTALLINE see Crystalline lens

LENSES, CONTACT see Contact lenses

LENSES, PHOTOGRAPHIC

Nogin, P. A. [Photographic lenses] Fotograficheskii ob"ektiv. Pod red. E. A. Iofisa. Moskva, Gos. izd-vo "Iskusstvo," 1961. 124 p. (Biblioteka fotolubitelia, no. 22)

LEONARDO DA VINCI, 1452-1519

Lomonosov and Leonardo da Vinci. A. Morozov. Neva no. 11:173-175 '61.

LEPEKHIN, IVAN IVANOVICH, 1740-1802

Expedition of the Academician Lepekhin in the 18th century. T. A. Lukina. Trudy Inst. ist. est. i tekh. 41: 324-352 '61

LEPIDINE

Production of pure lepidine from coal tar bases. B. E. Kogan. Koks i khim. no. 12:48-51 '61.

LEPTOMENINGITIS see Meningitis

LEPTOSPIROSIS
(see also subdivision under Termez District)
Study of complex active immunization against tetanus and leptospirosis under experimental conditions. Report no. 2. Study of the effectiveness of associated immunization by means of an investigation [with summary in English] M. G. Glozetskaia. Zhur. mikrobiol., epid. i immun. 32 no. 9:48-52 S '61.

LEPTOSPIROSIS—BIBLIOGRAPHY see Bibliography—Leptospirosis

LERMONTOV, MIKHAIL IUR'EVICH, 1814-1841
Popov, A. V. [Duel and death of Lermontov] Duel' i smert' Lermontova [Stavropol'] Stavropol'skoe knizhnoe izd-vo, 1959. 46 p. (NYC)

LESSER KHINGAN MOUNTAINS—GEOLOGY, STRATIGRAPHIC
Upper Permian of the Lesser Khingan Range. A. P. Glushko. Dokl. AN SSSR. 142 no. 4:900-902 F '62.

LEUCOCYTES
Effect of X irradiation in vitro on ultraviolet fluorescence intensity of peripheral blood cells in the rat. G. M. Barenboim, L. IA. Barskii, R. I. Pinto. Radiobiologiia 1 no. 6:843-850 '61.
Influence of prednisolone on the phagocytic activity of leukocytes in the blood [with summary in English]. N. P. Beldenishcheva. Zhur. mikrobiol., epid. i immun. 32 no. 9:102-105 S '61.
Vital activity of leucocytes in preserved blood. S. I. Liuboshits. Med. zhur. Uzb. no. 3:6-10 Mr '60.

LEUCOCYTOSIS
Influence of autonomic ganglionic block on the course of postmicrobial leukocytosis [with summary in English]. N. I. Kruglaia. Zhur. mikrobiol., epid. i immun. 32 no. 9:84-87 S '61.
Study of leucocytosis in the Zakharin-Head zones in peptic ulcer of the stomach and duodenum and in cancer of the stomach. M. E. Didur. Nov. khir. arkh. no. 2:71-72 '62.

LEUCOSIS
Changes in the nervous system in acute leukosis [with summary in French]. V. V. Semenova-Tian-Shanskaia. Zhur. nevr. i psikh. 61 no. 11:1668-1674 '61.

LEUCOXENE
Developing a flowsheet for the use of leucoxene-bearing ores. E. B. Dmitrovskii, V. A. Reznichenko, V. P. Solomakha. Titan i ego splavy no. 5:13-18 '61.
Dressing of leucoxene-siderite sandstones. S. A. Sysoliatin. Titan i ego splavy no. 5:17-19 '61.

LEUKEMIA
Combination of leukemia and cancer (three observations). A. G. Varshavskii. Vop. onk. 8 no. 1:87-92 '62.
Current concepts on the etiology of leukemias. T. G. Gasanov, A. A. Kinzimova. Azerb. med. zhur. no. 11:11-16 N '61.
Induction of leukemias in rats with dimethylbenzanthracene and their transplantation [with summary in English]. E. L. Prigozhina. Vop. onk. 8 no. 1:64-71 '62.
Osseous changes in chronic leukemias. G. I. Volodina. Kaz. med. zhur. no. 4:71-73 Jl-Ag '61.
Protein composition of the blood serum in patients with leukemias [with summary in English]. A. A. Rakitianskaia, Z. N. Atrakhovich. Ter. arkh. no. 7:91-95 '61.
Rare localization of a specifically myeloid infiltration of the laryngeal and tracheal walls in chronic myelosis. T. I. Begunova. Zhur. ush., nos. i gorl. bol. 20 no. 6:79-80 N-D '60.

LEVEL INDICATORS
Condensate level indicator in a turbine condenser. L. A. Fuks. Energetik 10 no. 3:14 Mr '62.
Equipment for registering the expenditure of crude oil. Prom. energ. 17 no. 3:63 Mr '62.
Loose material level indicator. Neftianik 7 no. 1:20 Ja '62.
Simplified level transducer. V. Lomakin, V. Mazurenko. Tekh. v sel'khoz. 22 no. 1:36-37 Ja '62.
The URRU-1 universal radioactive level indicator. V. G. Gostishchev, A. D. Kulikov. Biul. tekh.-ekon. inform. no. 1:40-42 '62.

LEVEL INDICATORS FOR LIQUIDS see Liquid level indicators

LEVIN, MAKSIM GRIGOR'EVICH, 1904-
Awarding of the N. N. Miklukho-Maklai Prize to M. G. Levin. IA. IA. Roginskii. Vop. antr. no. 7:146 '61.

LEVINSON-LESSING, FRANTS IUL'EVICH, 1861-1939
Frants IUl'evich Levinson-Lessing and some basic problems of modern petrography; on the 100th anniversary of his birth, 1861-1939. E. K. Ustiev. Izv. AN SSSR. Ser. geol. no. 3:3-21 Mr '61.
Role of Academician F. IU. Levinson-Lessing in the development of Russian experimental petrography. Izv. AN SSSR. Ser. geol. no. 3:61-68 Mr '61.
Role of F. IU. Levinson-Lessing in the development of the study of ore deposits. D. I. Shcherbakov. Izv. AN SSSR. Ser. geol. no. 3:55-60 Mr '61.

LEVOMYCETIN
Change in the activity of some oxidation-reduction enzymes in *Flexner's dysenteral* bacteria during the process of adaptation to levomycetin [with summary in English]. M. N. Plotnikova. Antibiotiki 7 no. 2:151-155 F '62.
Conference on synthomycin and levomycetin. M. I. Vanina. Med. prom. 15 no. 12:58 D '61.
Determining the biological activity of levomycetin (chloramphenicol) by the agar diffusion method [with summary in English]. A. E. Tebiakina, E. N. Druzhinina. Antibiotiki 7 no. 1:83-85 Ja '62.
Effect of chloramphenicol (levomycetin) on the activity of acetylphosphatase and phosphotransacetylase of E. coli [with summary in English]. A. I. Korottaev. Antibiotiki 7 no. 2:150-153 F '62.
Effect of levomycetin on the respiration, pyruvic dehydrogenase and lactic acid in dysenteric bacteria [with summary in English]. E. D. Moliuk. Antibiotiki 6 no. 12:1117-1120 D '61.
Effect of levomycetin, vitamin B_6 and vitamin PP on dysenterial infection in an experiment [with summary in English]. M. N. Plotnikova. Antibiotiki 7 no. 1:56-58 Ja '62.
Identification of levomycetin and synthomycin by the method of crystallization in thin layers [with summary in English]. M. N. Nikol'skaia. Apt. delo 10 no. 6:42-46 N-D '61.
Increased phagocytic activity of the leucocytes in carp under the influence of levomycetin [with summary in English]. IU. D. Nechiporenko, V. A. Kulazhko. Antibiotiki 7 no. 1:50-52 Ja '62.
Levomycetin treatment of Staphylococcus and Proteus wound infections in rabbits immunized with staphylococcus anatoxin [with summary in English]. M. Z. Gubaidullina. Antibiotiki 6 no. 12:1096-1100 D '61.
Treatment of typhoid fever with levomycetin and typhoid monovaccine. V. S. Starshinova. Sov. med. 25 no. 12:64-69 D '61.

LIABILITY (LAW)
Current plenary session of the Supreme Court of the U. S. S. R. Biul. Verkh. Suda no. 1:3-7 '62.
Decision No. 10 of the Plenum of the Supreme Court of the U. S. S. R. of December 18, 1961 "Some problems of judicial practice in civil cases concerning the liability of workers and employees for loss caused to industrial enterprises and governmental agencies and organizations." Biul. Verkh. Suda no. 1:12-15 '62.
Decisions Nos. 9 and 10 of the Supreme Court of the U. S. S. R. of December 14 and 19, 1961. Sov. inst. no. 3:28-30 F '62.
In the Supreme Court of the U. S. S. R. Sots. zakon. 30 no. 2:64 F '62.
Liability for loss caused by criminal offenses. P. Nikiluk. Rad. pravo no. 1:142 Ja-F '62.
Liability of workers and employees for loss caused to industrial enterprises or governmental agencies. V. Chudak. Rad. pravo no. 1:142-143 Ja-F '62.
Some results of studying judicial practice in cases concerning the claims of liability. V. Pantiugin. Biul. Verkh. Suda no. 6:24-32 '61.

LIABILITY INSURANCE see Insurance, Liability

LIALIKOV, NIKOLAI IVANOVICH, 1900-1961
Nikolai Ivanovich Lialikov; obituary. V. G. Davidovich and others. Izv. AN SSSR. Ser. geog. no. 1:166-167 Ja-F '62.

LIBERALISM
Social and political program of Russian liberals in the middle 1850's, based on materials published in the periodical "Russkii vestnik" in 1856 and 1857. V. N. Rozental'. Ist. zap. no. 70:197-232 '61.

LIBRARIES
(see also subdivision under Germany, West; Japan; Kharkov; Kirov Province; Krasnodar Territory; Kuybyshev Province; Moscow; Moscow Province; Norway; Rumania; Sverdlovsk Province)
Guides to technological knowledge. Bibliotekar' no. 3:1-3 Mr '62.
Letters to the editor. Bibliotekar' no. 3:61-62 Mr '62.
Methods of locating public libraries in cities. N. S. Kartashov. Bibliot. SSSR no. 18:116-127 '61.
Organizational principles of library development in the U. S. S. R. O. S. Chubar'ian. Trudy Gos. bibl. SSR 5:5-23 '61.
Organizing the work of province, territory, and republic A. S. S. R. libraries on the propaganda of technical literature. N. N. Gudkov. Bibliot. SSSR no. 18:29-36 '61.
Present state and future development of book collections in district and rural libraries. N. N. Drozdova. Trudy Gos. bibl. SSR 5:53-89 '61.
Reflection on the library of the future. G. Fonotov. Bibliotekar' no. 3:4-7 Mr '62.
With what should we begin? N. Meteikin, G. Semenova. Bibliotekar' no. 3:21-23 Mr '62.

LIBRARIES—DIRECTORIES see subdivision under United States

LIBRARIES—REFERENCE DEPT.
Bibliographic service for the readers of research reading rooms in the Central Bureau of Information and Bibliography. N. N. Akevt'eva and others. Bibliot. SSSR no. 18:96-115 '61.

LIBRARIES—STAFF MANUALS
Meteikin, N. M. [Instructions for the members of a public library council] Pamiatka chlenu sovetu narodnoi biblioteki. Moskva, Gos. biblioteka SSSR im. V. I. Lenina, 1961. 15 p.

LIBRARIES, AGRICULTURAL see Agricultural libraries

LIBRARIES, CHILDREN'S
Unification of children's and school libraries. I. Vaneva. Bibliotekar' no. 3:30 Mr '62.

LIBRARIES, MEDICAL see Medical libraries

LIBRARIES, PRIVATE see subdivision under Tomsk Province

LIBRARIES, REGIONAL
"The work of provincial libraries in regional boroughs." L. M. Vadikovskaia, V. A. Nikolaev. Reviewed by [illegible] man, A. Mamontov. Bibliotekar' no. 3:58-59 Mr '62.

LIBRARIES, RESEARCH see Research libraries

LIBRARIES, RURAL see Rural libraries

LIBRARIES, SCHOOL see School libraries

LIBRARIES, SPECIAL see subdivision under Humanities

LIBRARIES, TECHNICAL see Technical libraries

LIBRARIES AND READERS
Across the taiga. Marina Papkova. Bibliotekar' [illegible] 31-35 Mr '62.
Instructing readers in the use of libraries and bibliographies. I. K. Kirpichova. Trudy Gos. bibl. SSR 5:131-146 '61.
Let us inculcate an interest in reading. A. Nikitina. Bibliotekar' no. 3:56-57 Mr '62.
Political knowledge for everyone. I. Berlizev. Bibliotekar' no. 3:8-9 Mr '62.
"Working with readers" by V. F. Sakharov, L. M. [illegible] gradskii. Reviewed by N. Morozova, I. Shatunova. Bibliotekar' no. 3:60 Mr '62.

LIBRARY CATALOGS
(see also subdivision under Latvia)
Tallinn. Friedrich Reinhold Kreutzwaldi nimeline [illegible] NSV Ruklik raamatukogu. [Cataloging rules for [illegible] libraries] Kataloogimisreeglid rahvaraamatukogude Koostanud K. Veskimagi. Tallinn, Eesti Riiklik Kir[illegible] 1960. 150 p. [In Estonian]
Zhuk, D. K., and S. E. Shamurina. [System of catalogs in provincial libraries; a practical manual] Sistema katalogov oblastnoi biblioteki; prakticheskoe posobie. Pod red. Z. N. Ambartsumiana. Moskva, Gos. biblioteka SSSR im. V. I. Lenina, 1961. 87 p.

LIBRARY CONFERENCES
(see also subdivision under Daghestan; Leningrad)
Discussing agricultural problems at the correspondence conferences of readers. V. S. Kreidenko. [illegible] no. 18:85-86 '61.

LIBRARY SCHOOLS AND TRAINING
(see also subdivision under United States)
System of methodological guidance in Soviet libraries. A. A. Khrenkova. Trudy Gos. bibl. SSR 5:90-111 '61.

LIBRARY SCIENCE—BIBLIOGRAPHY see Bibliography—Library science

LIE ALGEBRAS
Bounded homogeneous regions in n-dimensional complex space. I. I. Piatetskii-Shapiro. Izv. AN SSSR. Mat. [illegible] 26 no. 1:107-124 Ja-F '62.

LIEBIG, JUSTUS FREIHERR VON, 1803-1873
Musabekov, IU. S. [Justus Liebig, 1803-1873] IUstus Libikh, 1803-1873. Moskva, Izd-vo Akad. nauk SSSR, 1962. 213 p. (Nauchno-biograficheskaia seriia)

LIELUPE RIVER—WATER—ANALYSIS
Effect of hydrological conditions of the river on changes in the content of principal ions in the water of the [illegible] Lielupe River [in Latvian with summary in Russian]. M. Matisone. Izv. AN Latv. SSR no. 12:99-104 '61.

LIFE
Tugarinov, V. P. [On the sense of life] O smysle zhizni [Leningrad] Lenizdat, 1961. 45 p.

LIFE ON PLANETS see Plurality of worlds

LIFTING AND CARRYING
Stressed slings. IA. Pogrebnoi. Stroi. i arkhit. [illegible] 25-26 D '61.

LIFTS see Hoisting machinery

LIGAMENTS—TRANSPLANTATION

Plastic restoration of the cruciform ligament of the knee joint [with summary in English] N. I. Gurgenidze. Vest. khir. no. 12,64-66 '61.

LIGHT

Sharonov, V. V. [Light and color] Svet i tsvet. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 311 p.

LIGHT—PHYSIOLOGICAL EFFECT

Significance of the use of different types of interrupted light stimulation in registering the electroencephalogram in brain tumors [with summary in French] N. P. Bekhtereva. Zhur. nevr. i psikh. 61 no. 11 1608-1614 '61

LIGHT—SCATTERING

Diffusion of light in dispersing media. Iu. A. TSirlin, L. E. Pargamanik, A. R. Daitch. Opt. i spektr. 12 no. 2: 304-310 F '62.

Diffusion of radiation in an anisotropic medium adjoining a reflecting surface. S. D. Gutshabash. Izv. AN SSSR. Ser. geofiz. no. 1 118-125 Ja '62.

LIGHTING—BIBLIOGRAPHY see Bibliography—Lighting

LIGHTNING—PHYSIOLOGICAL EFFECT

Lightning injury of the organ of hearing. Z. I. Umanov. Vest. otorin. no. 1:91-92 '61.

LIGHTWEIGHT CONCRETE
(see also subdivision under Kazakhstan, Sverdlovsk)

Akademiia stroitel'stva i arkhitektury SSSR. Institut novykh stroitel'nykh materialov, otdeliki i oborudovaniia zdanii. [Technical specifications for manufacturing articles from cellular concrete, foamed fly-ash concrete, breeze foamed fly-ash silicate, and foamed clinker concrete] Tekhnicheskie usloviia na izgotovlenie izdelii iz avtoklavnykh lacheistykh betonov - penozolobetona, penozolosilikata i penoshlakobetona; proekt. Moskva, TSentr. biuro tekhn. informatsii, 1959. 62 p. [MICROFILM]

Expanded clay filler from shale of Novosibirsk Province. V. V. Eremenko, A. F. Efimova. Trudy Zap.-Sib. fil. AS1A no. 3:147-149 '60.

Factory finishing of panels made of cellular concretes. M. Peshkov and others. Zhil. stroi. no. 12 11-13 '61

Glass and lightweight reinforced concrete panels with joints. A. Kolmovskoi. Zhil. stroi. no. 12 28-29 '61

A raw material base of mineral aggregates for lightweight concretes. B. P. Ural'skii, Shor trud NIIZHelezobetona no. 3:189-193 '60.

LIGNITE

Catalytic stabilization of the ligroine and kerosene fraction of lignite resins. R. P. Govorova. Zbir. prats'. Inst. tepl. AN URSR no. 23:86-91 '61

Effect of various factors on the deresination process of lignite wax by the method of crystallization. V. I. Kuznetsov, A. A. Bobrova, P. K. Lyeyi. Zbir. prats'. Inst. tepl. AN URSR no. 23:71-79 '61.

Pilot plant in Aleksandriya for studying the utilization of lignite for power fuel production. V. I. Tolubinskii and others. Zbir. prats'. Inst. tepl. AN URSR no. 23: 49-58 '61.

Reducing wax losses in the process of deresination. A. A. Bobrova. Zbir. prats'. Inst. tepl. AN URSR no. 23: 80-85 '61.

LIGNITE—DRYING

Selecting the system for drying humid brown coals for large hydroelectric power plants. A. E. Gel'tman and others. Energomashinostroenie 8 no. 2:29-31 F '62.

LIKIN, VASILII VASIL'EVICH, 1899-1961

Vasilii Vasil'evich Likin. Gidr. stroi. 32 no. 12:61 D '61.

LIME

Soil stabilization by means of lime. E. M. Ginesina, F. I. Kuznetsov, V. IA. Chekhovskoi. Les. prom. 39 no. 12: 21-23 D '61.

LIMESTONE
(see also subdivision under Donetsk Province; Tatar A.S.S.R.)

Brief characterization of the geology of the limestone of the Oka and Serpukhov substages of the Lower Carboniferous in the Polotnyanyy, Rozhdestvenskii, Venev, and Gorenskoye deposits. L. P. Lagkaia. Shor trud. NIIZHelezobetona no. 3:42-49 '60.

Dressing limestone found near Moscow so as to obtain high-quality aggregates for concrete. M. L. Nisnevich and others. Shor. trud. NIIZHelezobetona no. 3:3-41 '60.

Improving the quality of fluxes and the washing efficiency of dressing limestones. A. V. Anikeev. Gor. zhur. no. 11-66-69 N '61.

LIMNOLOGY see subdivision under Lososinskoye, Lake

LINDEN

Comparative investigation of the amino acid composition of linden (Tilia) blossoms and sophora (Sophora japonica) flower buds. S. I. IAnkov. Dokl. AN SSSR 142 no. 5:1203-1204 F '62.

Study of the composition of a mucous substance in flores Tiliae argenteae [with summary in English]. Kh. Akhtardzhiev, D. Kolev. Apt. delo 10 no. 6 78-82 N-D '61

LINEAR ALGEBRAS see Algebras, Linear

LINEAR DIFFERENTIAL EQUATIONS see Differential equations, Linear

LINEAR EQUATIONS

Concerning the solution of linear systems. V. D. Shamans'kyi. Zbir. prats' z obchys. mat. i tekh. 3:111-114 '61.

Presentation of the solution of linear algebraic equations using determined integrals. B. N. Pshenychnyi. Zbir. prats' z obchys. mat. i tekh. 3 42-44 '61

LINEAR PROGRAMMING

Gorchuk, IA. P. [Program of optimum planning; linear programming] Problemy optimal'nogo planirovaniia, lineinoe programmirovanie. Moskva, Izd-vo ekon. lit-ry, 1961. 230 p.

Rumlantsev, Z. P. [Using a linear programming system in planning the operations of civil aviation] Primenenie lineinogo programmirovaniia v planirovanii grazhdanskogo vozdushnogo flota, konspekt lektsii dlia studentov fakul'teta otdeleniia vozdushnogo transporta. Red. G. V. Teplov. Moskva, Mosk. inzhenerno-ekon. in-t im. Sergo Ordzhonikidze, 1960. 42 p.

LINEN

Hygienic properties of clothing made from linen fabrics. IU. V. Vadkovskaia, A. A. Mironova, K. A. Rapoport. Tekst. prom. 22 no. 1:24-27 Ja '62.

LIPASE

Histochemical study of lipase in muscle tissue [with summary in English]. I. M. Dioukosso, N. G. Haum. Arkh. anat. gist. embr. 40 no. 6:60-63 Je '61.

LIPETSK—HOME AND SCHOOL

School assistants. V. Kamustina. Nar. obr. no. 2:16-19 F '62.

LIPETSK—STEEL INDUSTRY

Destiny of the "Kilowatts" blast furnace. V. But and others. Smena 39 no. 1:2-5 Ja '62

LIPETSK PROVINCE—AGRICULTURE

Specialization and future development of agriculture in Lipetsk Province. A. F. Filippov, IU. I. Kombarov, A. G. Peskarev. Dokl. i soob. VNIESKH no. 11:28-38 '61.

LIPETSK PROVINCE—CHILDREN—MANAGEMENT

Let's work without repeat students. I. Ponomarev. Nar. obr. no. 2:7-9 F '62

LIPETSK PROVINCE—COLLECTIVE FARMS—INTERFARM COOPERATION

The Lipetsk stepsons. I. P. Dziul'skii. Uchet i fin. v kolkhoz. i sovkhoz. 10 no. 1:20-21 Ja '62.

LIPETSK PROVINCE—CROP YIELDS

Ksenz, I. P. [Advanced farming practices produce high-crop yields] Peredovaia agrotekhnika - vysokie urozhai. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 31 p. (DA)

LIPETSK PROVINCE—INSURANCE, SOCIAL

Province department reports. Z. Bogacheva. Sots. obesp. 23 no. 2:11-12 F '62.

LIPETSK PROVINCE—SCHOOL MANAGEMENT AND ORGANIZATION

Let's work without repeat students. I. Ponomarev. Nar. obr. no. 2,7-9 F '62.

LIPETSK PROVINCE—SOVIETS

He has a key to human hearts. V. Komov. Sov. deput. trud. no. 2:80-80 F '62.

LIPETSK PROVINCE—TEACHING

Lessons conducted by Lipetsk teachers. G. Vorob'ev. Nar. obr. no. 2 insert:1-13 F '62

Rational organization of lessons in the schools of Lipetsk Province. Nar. obr. no. 2 insert:13-15 F '62.

LIPID METABOLISM

Changes in the lipid content of parenchymatous liver cells during partial starvation. G. G. Samsonidze. Soob. AN Gruz. SSR 27 no. 6:771-774 D '61.

LIPIDOSIS

Clinical aspects of Gaucher's disease. S. I. Riabov. Terap. arkh. no. 9:105-109 '61.

Pathogenesis, clinical aspects and treatment of lipoid necrobiosis of the skin [with summary in English]. P. F. Petrunin. Vest. derm. i ven. no. 2:35-42 '62.

LIPIDS

Effect of X-ray radiation on the renewal rate of lipides and cholesterol in the liver of rats [with summary in English]. M. F. Vinogradova. Vest. LGU 17 no. 3: 102-113 '62.

Materials concerning the study of parenteral feeding with fats. Report 3. Lipid content of the lungs, liver, and spleen of rats following injection of a fat emulsion [with summary in English] V. Korzans. Izv. AN Latv. SSR no. 11 113-116 '61

LIPOPROTEINS

Change in lipid protein fractions in the blood serum in young hypertensive patients. V. V. Volkova. Terap. arkh. no. 7,50-53 '61

Correlation of α- and β-lipoproteins in the blood serum in atherosclerosis of the coronary vessels and hypertension according to the stages of the diseases. L. P. Bodnar'. Vest. AMN SSSR 16 no. 12 40-43 '61.

LIPS—CANCER
(see also subdivision under Bulgaria)

Effectiveness of treatment of cancer of the lower lip. M. D. Zabolotnyi. Nov. khir. arkh. no. 3 75-77 My-Je '60.

LIQUEFIED GASES—STORAGE

Determination of temperature field and heat losses in insulated tank enclosures for liquefied gases. S. M. Rips. Khim. prom. no. 2:135-141 F '62.

LIQUEFIED PETROLEUM GAS—PIPELINES

Experimental determination of losses in pipelines during the flow of liquefied hydrocarbon gases. S. A. Abdurashitov, A. A. Tupichenkov. Izv. vys. ucheb. zav., neft' i gaz 4 no. 5 117-122 '61

LIQUID FUELS—COMBUSTION

Determining the angle of taper of the flame of atomized fuel. A. S. Lyshevskii. Energomashinostroenie 8 no. 3 34-37 Mr '62

LIQUID HELIUM

Transition of liquid He^3 to the superfluid state [with summary in English]. L. P. Gor'kov, L. P. Pitaevskii. Zhur. eksp. i teor. fiz. 42 no. 2:600-605 F '62.

LIQUID LEVEL INDICATORS

How can dynamic level be determined from a dynamograph? IU. A. Balakirev. Neftianik 7 no. 1:26-28 Ja '62.

Metal level control in conveyer-type equipment for the continuous pouring of steel. G. F. Mikheev, A. N. Rogozhan. Stal' 22 no. 2 126 F '62

LIQUID METALS

Chemical interaction between the alloying components of ternary alloys in the liquid state. V. M. Glazov. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 1 89-93 Ja-F '62.

Kinetics of the desulfurization of liquid iron. V. A. Grigorian. Izv. vys. ucheb. zav. ;chern. met. 5 no. 1:33-40 '62

Reaction of structural materials with liquid metals. V. I. Nikitin. Teploenergetika 9 no. 2 90-92 F '62.

Relation between properties of steel in liquid and solid states. N. S. Kreshchanovskii, M. F. Sidorenko. Izv. vys. ucheb. zav. ;chern. met. 5 no. 1:131-136 '62.

Subbotin, V. I., and others. [Heat transfer and turbulent heat transport in a flow of liquid metals; Conference on Heat and Mass Transfer, Minsk, January 23-27, 1961] Teplootdacha i turbulentnyi perenos tepla v potoke zhidkikh metallov; soveshchanie po teplo- i massoobmenu, g. Minsk, 23-27 ianvaria 1961 g. [Minsk, 1961] 18 p. [MICROFILM]

Surface activity of metals. S. N. Zadumkin. Izv. AN SSSR, Otd. tekh. nauk. Met. i topl. no. 1:168-169 Ja-F '62.

LIQUID METALS—ELECTRIC PROPERTIES

Electric resistance of certain alloys in the liquid state. A. M. Korol'kov, D. P. Shashkov. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 1:84-88 Ja-F '62.

Electron transfer of thallium and cobalt in liquid metal solutions. D. K. Belashchenko, G. A. Grifor'ev. Izv. vys. ucheb. zav. ;chern. met. 5 no. 1:124-130 '62.

LIQUID NITROGEN

Impact compressibility of liquid nitrogen and solid carbon dioxide. V. N. Zubarev, G. S. Telegin. Dokl. AN SSSR 142 no. 2 309-312 Ja '62.

LIQUIDS—ANALYSIS

Some physicochemical constants of heavy liquids used in the study of minerals. M. IA. Kats, L. V. Belineva. Izv. AN SSSR Ser. geol. 27 no. 3 100-113 Mr '62.

LIQUIDS—VIBRATION

Vibration of a viscous liquid in a cylindrical horizontally moving cavity. I. S. Chikina. [Trudy] MVTU no. 104: 137-142 '61.

LISHEV, VSEVOLOD VSEVOLODOVICH, 1877-

Conscience of an artist. V. Bolkov. Neva. no. 9: 177-189 '61.

LISTER, JOSEPH, 1827-1912

Joseph Lister; on the 50th anniversary of his death. M. M. Bass. Vest. khir. no. 2:127-128 '62.

LISTERIOSIS
(see also subdivision under Nakhichevan A.S.S.R.)
Use of antibiotics and their combinations in experimental mixed infections with tularemia and listeriosis [with summary in English] E. M. Tsvetkova. Antibiotiki 6 no. 9 849-852 S '61.

LITERARY PROPERTY see Copyright

LITERARY SOCIETIES
The "Petrarkovskii" writer V. V. Tolbin after 1849 [with summary in English] Z. V. Vlasova. Vest. LGU 17 no. 2 107-118 '62.

LITERATURE—DICTIONARIES
New edition of "Literary encyclopedia." O. Voronova. Novyi mir no. 6:215 '61.

LITERATURE—HISTORY AND CRITICISM
Luxemburg, Rosa. [On literature. O literature. Preface by M. Koralov.] Moskva, Gos. izd-vo khudozh. lit-ry, 1961. 350 p.
"The twentieth century" remarks on literary form in the West" by D. Zatonskyĭ. Reviewed by L. IU. Zburovs'ka. Rad. lit. 6 no. 2 138-141 Mr-Ap '62.

LITERATURE—HISTORY AND CRITICISM—BIBLIOGRAPHY see Bibliography—Literature—History and criticism

LITERATURE, COMPARATIVE—ARAB AND TAJIK
Crosscurrents in the poetic literature in the Arab and Tajik languages during the Samanid period. I. Abdullaev. Nauch. rab. i soob. Otd. obshchestv. nauk Uz. SSR 2: 155-168 '61.
Crosscurrents in the poetic literature in the Arab and Tajik languages during the Samanid period. I. Abdullaev. Nauch. rab. i soob. Otd. obshchestv. nauk AN Uz SSR 2: 155-168 '61.

LITERATURE AND ART see Art and literature

LITERATURE AND COMMUNISM see Communism and literature

LITERATURE AND SCIENCE
[Formulas and images; debate on the scientific theme in literature.] Formuly i obrazy, spor o nauchnoi teme v khudozhestvennoi literature. Moskva, Sovetskii pisatel', 1961. 254 p.

LITHIUM
Change in the surface properties of p-silicon following irradiation with lithium ions. M. M. Bredov, A. B. Naromskii. Fiz. tver. tela 4 no. 2 562-564 F '62.
Kinetics and mechanism of butyllithium addition to vinylethylacetylene. V. A. Kormer and others. Zhur. ob. khim. 32 no. 1 293-297 Ja '62.
Phenyl carbene from phenyllithium and methylene chloride. O. M. Nefedov, V. I. Shiriaev, A. D. Petrov. Zhur. ob. khim. 32 no. 2:662-663 F '62.

LITHIUM—SPECTRA
Spectral determination of lithium in sodium chloride brines [with summary in English]. E. A. Pometun, A. Norov. Zhur. anal. khim. 17 no. 1:48-49 Ja-F '62.

LITHIUM-ALUMINUM-COPPER ALLOYS see Aluminum-copper-lithium alloys

LITHIUM COMPOUNDS
Interaction of iso-C_3H_7Cl and tert-C_4H_9Cl with aromatic acid esters in the presence of magnesium and lithium. A. D. Petrov, E. P. Kaplan, M. Kurash. Zhur. ob. khim. 32 no. 1 19-24 Ja '62.

LITHIUM ORGANIC COMPOUNDS
Structure of complexes formed by aliphatic organolithium compounds. A. N. Rodionov and others. Dokl. AN SSSR 143 no. 1 137-139 Mr '62.

LITHIUM SALTS—THERAPEUTIC USE
Therapeutic use of lithium salts in the treatment of mental diseases. M. E. Vartanian. Vop. psikh. no. 4: 215-219 '60.

LITHIUM-SILICON ALLOYS
Lithium-silicon alloys. P. I. Fedorov, A. A. Ioffe. Izv. vys. ucheb. zav., tsvet. met. 5 no. 1 127-131 '62.

LITHOPRINTING see Offset printing

LITHUANIA—ARCHAEOLOGY
Kulikauskas, P. Z., R. K. Kulikauskienė, and A. Z. Tautavičius. [Outline of Lithuanian archaeology] Lietuvos archeologijos bruožai. Vilnius, Politinės ir mokslinės literatūros leidykla, 1961. 561 p. [In Lithuanian]

LITHUANIA—COMMUNIST PARTY OF THE SOVIET UNION
Atamukas, S. [To be a Communist is an honor] Buti komunistu - garbe. Vilnius, Valstybinė politinės ir mokslinės literatūros leidykla, 1961. 112 p. [In Lithuanian]
Kaplanas, Ch. [Uneasy athmosphere in the barracks, from recollections, 1918-1927] Kareivinese neramu, is atsiminimu 1918-1927. Vilnius, Valstybine grozines literatūros leidykla, 1961. 402 p. [In Lithuanian]
Sadavičius, B. [Struggle of the Lithuanian Communist Party for the unity of laboring classes, 1934-1937] LKP kova už darbininkų klasės vienybę, 1934-1937 metai. Vilnius, Valstybinė politinės ir mokslinės literatūros leidykla, 1961. 152 p. [In Lithuanian]

LITHUANIA—COMMUNIST PARTY OF THE SOVIET UNION—CONGRESSES
Lietuvos Komunistų partijos 13. Suvažiavimas, 1961. [Thirteenth Congress of the Lithuanian Communist Party] Lietuvos Komunistų partijos XIII suvažiavimas. Vilnius, Valstybinė politinės ir mokslinės literatūros leidykla, 1961. 154 p. [In Lithuanian]

LITHUANIA—CRIMINAL PROCEDURE
Lithuanian S. S. R. Laws, statutes, etc. [Criminal procedure code of the Lithuanian S. S. R.] Ugolovno-protsessual'nyi kodeks Litovskoi Sovetskoi Sotsialisticheskoi Respubliki. Vil'nius, Gos. izd-vo polit. i nauchn. lit-ry, 1961. 336 p.

LITHUANIA—CULTURE
The most important condition for the education of the new man. A. Sneckus. Kommunist 38 no. 4:46-57 Mr '62.

LITHUANIA—ESPIONAGE, AMERICAN
Chiepas, M., K. Smigelskis, and E. Uldukis. [Hawks from the other side; a documentary true story] Vanagai is anapus; dokumentine apybraiza. Vilnius, Valstybine grozines literatūros leidykla, 1960. 275 p. [In Lithuanian]

LITHUANIA—FIELD CROPS—VARIETIES
Jasudenas, M., V. Sliinis, and R. Simukonyte. [Regionally adopted varieties of agricultural cultures in the Lithuanian S. S. R.] Lietuvos TSR rajonuotos zemės ūkio kultūrų veislės. Vilnius, Valstybinė politinės ir mokslinės literatūros leidykla, 1961. 55 p. [In Lithuanian]
(DA)

LITHUANIA—FOLK ART
Balčikonis, Juozas. [Textile designs] Audinių raštai. Vilnius, Valstybinė politinės ir mokslinės literatūros leidykla, 1961. 214 p. [In Lithuanian]

LITHUANIA—HISTORY
Sadavičius, B. [Struggle of the Lithuanian Communist Party for the unity of laboring classes, 1934-1937] LKP kova už darbininkų klasės vienybę, 1934-1937 metai. Vilnius, Valstybinė politinės ir mokslinės literatūros leidykla, 1961. 152 p. [In Lithuanian]

LITHUANIA—HISTORY—SOURCES
Lietuvos TSR Mokslų akademija, Vilna. Istorijos institutas. [Conflicts of Lithuanian peasants and townspeople with the landed proprietors, a collection of documents] Lietuvos valstiečių ir miestelėnų ginčai su dvarų valdytojais, dokumentų rinkinys. Vilnius, Valstybine politinės ir mokslinės literatūros leidykla, 1959-61. 2 v.
(NN)

LITHUANIA—LOCAL GOVERNMENT
Pangonis, A. [Village council is the organizer of the masses] Apylinkės taryba - masių organizatorius. Vilnius, Valstybine politinės ir mokslinės literatūros leidykla, 1961. 36 p. [In Lithuanian]

LITHUANIA—MILITARY EDUCATION
They make decisions but nothing happens. N. Afanas'ev. Voen. znan. 38 no. 1 18-19 Ja '62.

LITHUANIA—POSTAL SERVICE
An outstanding mail transportation department. L. IA. IAkovlev. Vest. sviazi 22 no. 3:20-22 Mr '62.

LITHUANIA—RELATIONS (GENERAL) WITH RUSSIA
A unity strong as steel. P. Grishkiavichius. Voen. vest. 41 no. 10 11-12 O '61.

LITHUANIA—SOCIAL GROUP WORK
The most important condition for the education of the new man. A. Sneckus. Kommunist 38 no. 4:46-57 Mr '62.

LITHUANIA—TELEGRAPH
Automatic system of through connections and subscriber's telegraph in Lithuania. A. A. Vaisa. Vest. sviazi 22 no. 2,14-16 F '62.

LITHUANIA—TEXTILE DESIGN
Balčikonis, Juozas. [Textile designs] Audinių raštai. Vilnius, Valstybinė politinės ir mokslinės literatūros leidykla, 1961. 214 p. [In Lithuanian]

LITHUANIA—TEXTILE MACHINERY
Matukonis, A. [New developments in textile technology] Tekstilės naujoves. Vilnius, Valstybine politinės ir mokslinės literatūros leidykla, 1961. 90 p. [In Lithuanian]

LITHUANIA—WORLD WAR, 1939-1945—ATROCITIES
Lagauskienė, E. [The facts accuse; review of literature] Faktai kaltina; literatūros apžvalga. Kaunas, Lietuvos TSR Valstybine respublikine biblioteka, 1961. 34 p. [In Lithuanian]

LITHUANIAN ART see Art, Lithuanian

LITHUANIAN LANGUAGE—DICTIONARIES—ENGLISH
[Lithuanian-English dictionary] Lietuvių-Anglų kalbų žodynas, Apie 27 000 žodžių. [By] B. Piesarskienė, B. Sveceviečius. Redagavo I. Kurschatienė ir D. Sleperkis. Vilnius, Valstybine politinės ir mokslinės literatūros leidykla, 1960. 511 p.
[MICROFILM]

LITHUANIAN LITERATURE—HISTORY AND CRITICISM
[Yearbook of literature and art for 1961] Literatūros ir meno metraštis, 1961. Vilnius, Valstybine grožinės literatūros leidykla, 1961. 389 p. [In Lithuanian]

LITHUANIAN LITERATURE—HISTORY AND CRITICISM—BIBLIOGRAPHY see Bibliography—Lithuanian literature—History and criticism

LITTLE'S DISEASE see Paralysis, Spastic

LIUKEVICH, DMITRII ALEKSANDROVICH, 1861-1961
D. A. Liukevich; obituary. Sviat. proiav. no. [illegible] '62.

LIVER
Antitoxic function of the liver in the bicillin treatment of syphilis. A. A. Ilukson. Med. zhur. Uzb. no. 6:56 '61.
Carbohydrate function of the liver in congenital defect of the heart. N. G. Zernov. Kaz. med. zhur. no. 5:13 N-D '61.
Changes in the lipid content of parenchymatous liver cells during partial starvation. G. G. Samsonidze. [illegible] Gruz. SSR 27 no. 6,771-774 D '61.
Changes in the protein composition of the blood serum and in the antitoxic function of the liver in stomach cancer and following surgery. T. A. Kutonina. Khir. delo no. 2:35-39 '62.
Cholesterol level in the blood and the functional state of the liver in hypertension [with summary in English] A. N. Grigor'iants. Terap. arkh. no. 2:43-46 '61.
Effect of vitamins on the condition of the liver in the rainbow trout [with summary in English on page 2 of insert] K. A. Faktorovich. Izv. GosNIORKH 51:47-51 '61.
Functional state of the liver in thyrotoxicosis during the course of I^{131} therapy [with summary in English] N. Khamidov. Terap. arkh. no. 7,99-104 '61.
Histochemical study of liver protein following hepatitis [with summary in English]. V. S. Gilyarova. Zh. mikrobiol., epidemiol. i immun. 32 no. 9:74-77 S '61.
Importance of the antitoxic function of the liver in hematogenic osteomyelitis in children [in Armenian with summary in Russian]. A. M. Alizade. Akush. i ginek. zhur. no. 11:48-52 N '61.
Mitotic activity of cells of the liver and the mammary gland in white rats. V. N. Dobrokhotov, A. G. Ilukevich, A. G. Kurdiumova. Dokl. AN SSSR 142 no. 1:179-181 Ja '62.
State of certain functions of the liver in the tertiary period treatment of gonorrhea. A. M. Golomolzin. Med. zhur. Uzb. no. 9:57-59 S '61.

LIVER—CANCER
Histochemical studies on dihydrofolic acid reductase and succinic dehydrogenase in induced and transplanted hepatomas [with summary in English]. N. T. Ivankman. Vop. onk. 7 no. 7 28-31 '61.
Role of trauma in developing primary liver cancer. V. G. Ilukhev, Vo Van Vin. Terap. arkh. no. 7:85-89 '61.

LIVER—CIRRHOSIS
Change in some kinds of metabolism in splenomegalic cirrhosis of the liver. G. S. Levin. Med. zhur. Uzb. no. 6:46-50 Je '60.
Functional significance of morphological changes in the liver in hepatitis and cirrhosis [with summary in English]. S. S. Vail'. Terap. arkh. no. 9:79-84 '61.
Treatment of liver cirrhosis by ligation of the branches of the celiac artery [with summary in English]. [illegible] Emel'ianova. Vest. khir. no. 2:57-62 '62.

LIVER—DISEASES
Case of Chiari's disease in a 1-year-old child. M. M. Chernlak, N. A. Klinberg. Pediatriia 41 no. 3:89 '62.
Changes in the coagulating system of the blood during hepatitis. N. D. Kiknavelidze. Soob. AN Gruz. SSR 27 no. 6:775-778 D '61.
Concentration of vitamin B_{12} and iron in blood serum in diseases of the liver. U. I. Ilkhadzhev. Med. zhur. Uzb. no. 3:10-12 Mr '60.
Effect of diseases of the liver and bile ducts on the coronary circulation. I. M. Gandzha. Vrach. delo no. 1:54-58 Ja '62.
Functional and histochemical changes in the pancreas in diseases and following surgery of the liver, gall bladder, stomach and pancreas (survey of Soviet and foreign literature). L. P. Volkova. Vest. khir. no. 2:129 F '62.
Some metabolic processes in chronic diseases of the liver and significance of blood plasma transfusions in compound treatment of these diseases. G. S. Levin. Med. zhur. Uzb. no. 3:23-29 Mr '60.

LIVER—DISEASES (Continued)

Vitamin B_{12} therapy in liver diseases [with summary in English] A IU Ivanova-Neznamova Terap arkh no. 12 62-67 '61

LIVER—HERNIA

Hernias of the epigastian line. T. IU. Usupov. Med. zhur. Uzb. no. 11:49-52 N '61

LIVER—SURGERY

Basis for liver resection by the thoracoabdominal approach; experimental study [with summary in English]. S. S. Borovkov Khirurgiia no 2 95-101 '62

Methods of cholecystoenterostomy, hepatogastrostomy, and hepatoenterostomy I U. T. Koinorovskii Nov. khir. arkh. no 4:42-48 Jl-Ag '60.

Thoracoabdominal combined approach in resections of the liver [with summary in English] IU. M. Repin Grud. khir. 4 no. 1,95-98 Ja-F '62

LIVER—TUBERCULOSIS

Study of the effect of soluzide on the metabolism of phosphorus compounds in the liver in experimental tuberculosis by means of radioactive phosphorus [with summary in French]. O. G Shchepetil'nikova. Probl. tub. no. 2:83-91 '62.

LIVER—ULCERS

Error in the diagnosis of a hepatobronchial fistula. A L. Pkhakadze, E M. Vovchenko Nov. khir. arkh. no 1. 104-106 Ja-F '60.

LIVER—WOUNDS AND INJURIES

Closed injuries of the liver [with summary in English]. N I. Trel'iakov Khirurgiia no 2 86-91 '62.

Open and closed lesions of the liver. P. G. Sukharev. Nov. khir. arkh. no 1 112-113 Ja-F '60.

Two cases of plastic closure of hepatic wounds with nylon. I. E. Prokopenko Nov. khir. arkh no 4:97-98 Jl-Ag '60

LIVER EXTRACT

Synthesis of oligosaccharides with different types of bonds from glucose induced by an enzymatic liver preparation. I. S. Lukomskaia. Dokl. AN SSSR 142 no. 5: 1100-1102 F '62

LIVER FLUKE
(see also subdivision under Semipalatinsk)

Effect of flukes on the infestation of liver by microflora. S Mikhniuk. Mias. ind. SSSR 32 no. 6 31-33 '61

LIVNY—AGRICULTURAL ADMINISTRATION

Notes on the district link of governmental administration. T. Kapustin, I. Korshunov, G Pantiushenko. Sov. deput. trud. no. 2:25-41 F '62.

LIZARDS

Studying the cornification of the skin epithelium in lizards (Lacerta agilis, L. vivipara) by the use of methionine-S^{35}. T. I. Polinkova. Dokl. AN SSSR 142 no. 6:1399-1402 F '62.

LOADING AND UNLOADING

Discussion of S. G. Uvarov's article "Determining the field of application and basic parameters of coal loading in mines without the use of bins." M. I. Smorodinov. Ugol' 37 no. 2:63-64 F '62.

Efficiency of specialized unloading points. A. F. Dobrosel'skaia. Vest. TSNII MPS 21 no 1:68-61 '62.

Goberman, V. A., and L. A. Goberman. [Mechanization of loading and unloading operations in transporting agricultural loads] Mekhanizatsiia pogruzochno-razgruzochnykh rabot pri perevozkakh sel'skokhoziaistvennykh gruzov. Pod red. G. V. Kramarenko. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961. 286 p. (DA)

This will reduce the idle time of railway cars. P. Korobko. Nar. khoz. Urb. 4 no. 2:70-81 F '62.

Vibrators for unloading freight cars. V. N. Ramodin. Biul. tekh.-ekon inform. no. 1:71-75 '62.

LOADING AND UNLOADING—EQUIPMENT AND SUPPLIES

New design of automatic core loaders and unloaders for vertical driers. G. Z. Lipovetskii, I. N Karch. Lit. proizv. no. 2:20 F '62.

New motor loaders. V. I. Ivanov. Avt. prom. 28 no. 2. 44 F '62.

LOADING AND UNLOADING—SAFETY MEASURES
see subdivision under Gorkiy Province

LOADING AND UNLOADING—TECHNOLOGICAL INNOVATIONS

Special-purpose motor vehicles and the mechanization of loading and unloading operations. G. Degterev. Avt. transp. 40 no. 3.18-20 Mr '62.

LOCAL ANESTHESIA

Automatic syringe for local infiltration anesthesia. K. S. Fatakhov. Kaz. med. zhur. no. 4:111-113 Jl-Ag '61.

Comments on A. A. Narychev's article "Local anesthesia in combination with neuroplegics." G. F. Gorburov. Nov. khir. arkh. no. 4:114-118 Jl-Ag '60.

Comparative evaluation of conduction anesthesia by various novocaine solutions. A M Korolenko Probl stom 5,241-244 '60

Local potentiated anesthesia as revealed by data from a hospital A. K. Palamarchuk, IU. G Shaposhnikov Voen -med. zhur. no 8:62 Ag '61

Noninjection method of skin anesthesia. N. V. Fetisov Probl. atom 5:237-240 '60.

Oxygen saturation of the arterial blood in surgery of malignant tumors of the upper respiratory tract using a lytic cocktail in association with local anesthesia [with summary in English] E. N. Medvedevskii. Vest. otorin no. 4:27-31 '61.

Possible local reactions of tissue to novocaine administration. D. T. Pivchik Nov khir. arkh. no 1 109 Jl-Ag '60.

Potentiated local anesthesia. M. S Lisitsyn, I. S. Shemiakin. Nov. khir. arkh no. 4:116-117 Jl-Ag '60

Potentiation of local anesthesia for appendectomy by injections of Zakharin's mixture N. S. Timoleev Nov khir arkh. no. 4:56-59 Jl-Ag '60.

Role of vagosympathetic blocking in cauterizing adhesions in patients with negative intrapleural pressure N. I. Krakovskii, I. P Kopeiko Kaz med. zhur no 4: 37-39 Jl-Ag '61

Treatment of the severe form of iridocyclitis using alcohol-novocaine retrobulbar anesthesia of the eye N. V. Bekauri, M. I. Vokova. Sov med 25 no. 12,133-134 D '61

Use of local anesthesia in association with neuroplegia in some otolaryngological operations [with summary in English]. I. B. Riman. Vest otorin. no. 4:21-27 '61

LOCAL GOVERNMENT
(see also subdivision under Lithuania; Minsk Province; Udmurt A.S.S.R.)

Brief interpretation. Sov. deput. trud. no. 2:102 F '62.

The decisions of executive committees. Sov. deput. trud. no. 2:45-46 F '62.

Notes on the district link of governmental administration T. Kapustin, I. Korshunov, G Pantiushenko. Sov deput trud. no. 2:25-41 F '62.

LOCAL GOVERNMENT—BIBLIOGRAPHY see Bibliography—Local government

LOCKJAW see Tetanus

LOCKS (HYDRAULIC ENGINEERING)

Approximate solution of lock filling and emptying equations M. IA. Belen'kii. Trudy LIVT no. 6:3-6 '60

Improving the hydraulic properties of the upper heads of locks with a headgate filling system. A. A. Rimkus Gidr. stroi. 32 no. 12:44-46 D '61.

LOCOMOTIVES

Indices of locomotive utilization. M. A Mezentsev Vest TSNII MPS 21 no. 1 30-33 '62.

Readers letters Elek i tepl tiaga 6 no 2.46 F '62.

LOCOMOTIVES—BRAKES

Selecting the filling time of locomotive brake cylinders. E. I. Kuz'mina Vest TSNII MPS 21 no 1:33-36 '62

LOCOMOTOR ATAXIA

Case of bilateral tabetic osteoarthropathy of the coxofemoral joint. F. M. Shirlak Ortop., travm. i protez. no 1:82-84 '62.

LOCUST (TREE)

Dynamics of growth and seasonal accretion in the representatives of the genus Robinia L. during juvenile years. K. T. Arifkhanov. Uzb. biol. zhur. no 6:7-16 '61.

LOCUSTS

TSyplenkov, E. P. [Harmful locusts] Vrednye saranchovye nasekomye. Leningrad, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 31 p. (Vrediteli i bolezni sel'skokhoziaistvennykh rastenii) (DA)

LOESS
(see also subdivision under Donets Ridge; Krasnoyarsk Territory; Minsk Province; White Russia)

"Problem of loess in the light of modern knowledge" by K. I. Lukashev. Reviewed by I. G. Izv. AN SSSR. Ser. geog. no. 1:156-159 Ja-F '62.

Wetting of settling loess soil in a large trench A A. Grigorian. [Trudy] NIIOSP no. 46 20-31 '61.

Zonality of loess rocks in the European part of the U.S.S.R M. P. Lysenko. Dokl. AN SSSR 142 no. 4 926-929 F '62.

LOGGING ROADS see Forest roads

LOGIC

Akademiia nauk SSSR, Institut filosofii. [Philosophical problems of present-day formal logic] Filosofskie voprosy sovremennoi formal'noi logiki. Moskva, Izd-vo Akad. nauk SSSR, 1962. 362 p.

Educational logic. M. N. Alekseev. Sov. pedag. 26 no. 1:37-44 Ja '62

Gorskii, D. P. [Logic; textbook for pedagogical schools] Logika; uchebnoe posobie dlia pedagogicheskikh uchilishch. Izd. 3. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 158 p.

"How to solve a problem" by D Poia. Reviewed by V. Volokh. Znan ta pratsia no 2 30 F '62.

Some aspects of the pedagogical use of logic. V. G. Farber Sov pedag 26 no 1,45-56 Ja '62.

V. I. Lenin on the working out of dialectical logic and the general development of logic (to be continued) A. Joja Nauch. dokl. vys. shkoly; filos. nauki 5 no 1:68-79 '62.

LOGIC—STUDY AND TEACHING

Some problems concerning the teaching and study of logic. M N. Alekseev. Nauch dokl vys shkoly, filos nauki 5 no. 1 169-171 '62

LOGIC, SYMBOLIC AND MATHEMATICAL

Finding of the minimum duration formulas of logic algebra functions H. H Liubchenko Zbir. prats' z obchys mat. i tekh. 3 3-12 '61.

Finite problems. IU. T. Medvedev. Dokl. AN SSSR 142 no 5,1015-1018 F '62

Irreducible disjunctive normal forms for certain classes of functions in algebra of logic. IU. L Vasil'ev Dokl AN SSSR 142 no 2,263-265 Ja '62.

Recognition of an identical truth and falsehood of logic algebra formulas. H. H. Liubchenko Zbir prats' z obchys. mat i tekh. 2;30-59 '61.

LOGICAL POSITIVISM

Mshvenieradze, V. V. [Philosophy of neopositivism and semantics] Filosofiia neopozitivizma i semantiki. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1961. 87 p

LOMONOSOV, MIKHAIL VASIL'EVICH, 1711-1765

Basic characteristics of the philosophical materialism in M. V. Lomonosov's works on geology; on the 250th anniversary of M. V. Lomonosov's birth. V A Aprodov Sov. geol. 4 no. 12;3-13 D '61.

Beloved peace. A. Molotov. Neva no. 11:171-173 '61.

Celebration of the 250th anniversary of M. V. Lomonosov's birth at the Academy. I M Fedorchenko Dop AN URSR no. 1 136-137 '62

Discourses on the propagation and preservation of the Russian people by M V Lomonosov E D. Zabludovskaia. Pediatriia 41 no. 3,74-81 '62.

Dobrovol'skova, V. K. [Pedagogical ideas and activity of M. V. Lomonosov] Pedagogicheskie idei i deiatel'nost' M. V. Lomonosova. Pod obshchei red N. K. Goncharova. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1961. 181 p.

Eliseev, A. A., and I. B. Litinetskii. [M. V. Lomonosov as the first Russian physicist] M V Lomonosov pervyi russkii fizik. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 289 p.

Geomorphological problems in M. V. Lomonosov's works; on the 250th anniversary of his birth. V A. Perevalov Sov. geol. 4 no. 1;107-113 D '61.

Great founder of Russian science; on the 250th anniversary of the birth of M. V Lomonosov. P. P. Bondarenko, M. Kh. Rabinovich. Vest. AMN SSSR 16 no. 11:83-87 '61.

Great lover of work. D. Slaventantor. Neva no 11:164-171 '61.

A great Russian scientist who contributed to many fields of learning. I. M Grinberg Obshchestv. nauki v Uz no 12 12-19 '61

In memory of the talented son of the Russian people. A K. Voronikova Obshchestv. nauki v Uz no. 12 55 '61

Karol', B. P. [M. V. Lomonosov and meteorology] M. V. Lomonosov i meteorologiia. Leningrad, Gidrometeor. izd-vo, 1961 50 p

Kudriavtsev, B. B. Mikhail Vasil'evich Lomonosov. Izd. 4, Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961 167 p.

Life and work of Mikhail Vasil'evich Lomonosov [in Armenian]. Izv. AN Arm. SSR, Ser. fiz.-mat. nauk 15 no. 1;3-12 '62.

Lomonosov and Leonardo da Vinci. A. Morozov. Neva no. 11,173-175 '61.

Lomonosov and modern geology. V. E. Khain. Sov. geol 4 no. 12:14-28 D '61.

"Lomonosov lectures" at the Faculty of History. Vest. Mosk. un. Ser. 9; ist. 17 no. 2-73-79 Mr-Ap '62.

Lomonosov on food and eating. I. Vol'per. Obshchestv. pit. no. 11,52-53 N '61.

Lomonosov's traditions in Russian mineralogy; on the 250th anniversary of his birth. P. V. Kalinin. Izv. vys. ucheb. zav.; geol i razv. 4 no 12;3-15 D '61.

M. V. Lomonosov, founder of the Russian instrument industry. V. O. Kameneva. Avtomatyka no 1;5-6 '62.

M. V. Lomonosov and atomistics [with summary in English, p. 185]. B. M. Kedrov. Vop. filos. 16 no. 2;65-76 '62.

M. V. Lomonosov and present-day science [with summary in English, p. 185]. D. I. Shcherbakov. Vop. filos. 16 no. 2;57-64 '62.

M. V. Lomonosov, geology, and mining. L. D. Shevlakov. Gor. zhur no. 11:14-18 N '61

M. V. Lomonosov, initiator of technical development A. O. Vasylenko, V. D. Havrylov. Nar z ist. tekh no 7 3-12 '61.

M. V. Lomonosov; on the 250th anniversary of his birth. I. I. Shafranovskii Zap. Vses. min. ob-va 90 no. 6; 682-689 '61

LOMONOSOV, MIKHAIL VASIL'EVICH, 1711-1765 (Continued)

M.V. Lomonosov and the development of Russian science A. V. Topchiev Priroda 51 no 2 49-58 F '62

M. Lomonosov and historical science [in Latvian]. A. Drizulis Izv. AN Latv. SSR no 1 13-18 '62

M. V. Lomonosov, the great Russian scientist IU. G. Mamedaliev Dokl. AN Azerb. SSR 17 no 11:999-1004 '61.

M. V. Lomonosov and the problems of botany. I. S. Melekhov Bot. zhur. 46 no 11 1570-1573 N '61

M. V. Lomonosov and the Russian science of history. K. Bakhmanov Izv. AN Turk. SSR Ser. obshchestv. nauk no. 6 12-17 '61

M. V. Lomonosov and the scientific hypothesis [in Armenian with summary in Russian] B. M. Kedrov. Ist.-filol. zhur. no. 3/4 23-38 '61

M. V. Lomonosov as an artist. K. Kerimi, G. Shurova. Izv. AN Turk. SSR Ser. obshchestv. nauk no. 6 22-26 '61

M. V. Lomonosov's ideas in the development of Russian anthropology. N. G. Zalkind. Vop. antr. no. 8 5-10 '61

"M. V. Lomonosov's philosophy" by G. S. Vasetskii. Reviewed by V. V. Bogatov. Vest. Mosk. un. Ser. 8 Filos., filos. 17 no. 2 75-77 Mr-Ap '62

M. V. Lomonosov's scientific method [with summary in English, pp. 185-186]. I. V. Kuznetsov. Vop. filos. 16 no. 2 77-85 '62

M. V. Lomonosov's theory on underground waters, their forms and activity. V. A. Perevalov. Geol. i geofiz. no. 11 115-119 '61

M. V. Lomonosov's role in developing geography and the science of natural history in Russia. V. A. Grigor'ev. Izv. AN SSSR Ser. geog. no. 1 115-120 Ja-F '62

Mikhail Vasil'evich Lomonosov, on the 250th anniversary of his birth. IA. I. Pugachev. Izv. vys. ucheb. zav., pishch. tekh. no. 6 7-10 '61

Mikhail Vasil'evich Lomonosov; on the 250th anniversary of his birth. Zhur. ob. khim. 32 no. 1 1-2 Ja '62

Mikhail Vasil'evich Lomonosov, 250th anniversary of his birth. S. G. Tamamshian. Bot. zhur. 46 no. 11: 1551-1560 N '61

Mikhail Vasil'evich Lomonosov on the Russian language. Z. B. Mukhammedova. Izv. AN Turk. SSR. Ser. obshchestv. nauk no. 6 18-21 '61

On the 250th anniversary of the birth of M. V. Lomonosov. N. I. Chorna. Rad. lit. 6 no. 2 156 Mr-Ap '62

"Path of Lomonosov's creativeness" by B. G. Kuznetsov. Reviewed by V. Bolarskii. Nauka i zhizn' 28 no. 12, 37 D '61.

Philosophy of M. V. Lomonosov. D. S. Kiselev. Izv. AN Turk. SSR Ser. obshchestv. nauk no. 6 3-11 '61

"The philosophy of M. V. Lomonosov" by G. S. Vasetskii. Reviewed by I. IA. Shchipanov. Nauch. dokl. vys. shkoly, filos. nauki 5 no. 1:165-168 '62

Pride of our country. I. Litvinov. Grazhd. av. 18 no. 11: 18 N '61.

Session of a joint meeting of the Departments of Geology, Geography, and Chemistry of the Academy of Sciences of the U. S. S. R. dedicated to the 250th anniversary of M. V. Lomonosov's birth. V. I. Grabov, N. G. Fradkin. Izv. AN SSSR Ser. geog. no. 1 150-161 Ja-F '62.

Sessions devoted to the 250th anniversary of M. V. Lomonosov's birth. M. D. Ukr. ist. zhur. 6 no. 1 155 Ja-F '62

Two hundred and fiftieth anniversary of M. V. Lomonosov's birth. Izv. AN Turk. SSR. Ser. obshchestv. nauk no. 6: 95 '61.

Two hundred and fiftieth anniversary of M. V. Lomonosov's birth. V. S. Lebedeva. Sov. pedag. 26 no. 1, 153-154 Ja '62

V. M. Lomonosov and Russian medicine. D. Khan-Magometov. Zdrav. Turk. 5 no. 6 32-33 N-D '61.

LOMONOSOV, MIKHAIL VASIL'EVICH, 1711-1765—HOMES AND HAUNTS

Visiting Lomonosov's birthplace. D. Ostrov. Neva no. 11 219-220 '61.

LOMONOSOV IN LITERATURE AND ART

Petrova, V. V., and L. G. Petrov. [Mikhail Vasil'evich Lomonosov; on the 250th anniversary of his birth, 1711-1961] Mikhail Vasil'evich Lomonosov, k 250-letiiu so dnia rozhdeniia, 1711-1961. Leningrad, Izd-vo "Khudozhnik RSFSR," 1961. [3] p. plates

LONDON—DESCRIPTION

City on the Thames River. IU. Govdin. Znan.ta pratala no. 2:22-23 F '62.

LONG, MARGUERITE

Khentova, S. M. [Marguerite Long] Margarita Long. Moskva, Gos. muzykal'noe izd-vo, 1961 103 p. (Muzykanty - ispolniteli)

LOOMS

(see also subdivision under Bryansk Province; France)

The AT-140-U5 automatic loom. V. K. Bragin. Biul. tekh.-ekon. inform. no. 1:56-59 '62.

Causes of weft breakage on ATK-100 and AT-100 looms and ways to prevent it. G. D. Chubarova, Z. P. Belousova. Tekst. prom. 22 no. 1:45-46 Ja '62.

Dynnik, S. A., and R. D. Druzhinina. [Modernization of the linen loom to reduce warp breakage] Modernizatsiia l'notkatskogo stanka s tsel'iu snizheniia obryvnosti osnovy. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1961. 42 p

Il'ichev, V. F., and N. T. Kazmin. [Redesigning of weaving equipment for the cotton industry] Modernizatsiia tkatskogo oborudovaniia v khlopchatobumazhnoi promyshlennosti. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1961. 116 p.

Methods of maintenance and operation of automatic looms at the Frunze Factory. L. IA. Chertkov. Tekst. prom. 21 no. 6 13-14 Je '61

Use of plastics for manufacturing loom shuttles; review of foreign publications. V. M. Savinov, L. B. Sokolov. Tekst. prom. 21 no. 12 78-79 D '61

LOOMS—TECHNOLOGICAL INNOVATIONS

Counter for measuring fabric pieces. Prom. Arm. 4 no. 12 51-53 D '61.

A loom is like a magnetic machine gun. IU. Medvedev. Izobr. i rats. no. 3 6-7 Mr '62

LOPATINA, TAT'IANA KORNEEVNA, 1891-

Nisnevich, I. G. Tat'iana Lopatina. Moskva, Sovetskii kompozitor, 1962. 29 p. (Narodnye pevtsy i muzykanty)

LOSOSINSKOYE, LAKE—LIMNOLOGY

Limnological characteristics of Lake Lososinskoye. B. M. Aleksandrov, O. N. Gordeev, A. A. Zaboloteskii. Uch. zap. Kar. ped. inst. 7:41-65 '58.

LOURDES, NOTRE DAME DE

Stolarek, Zbigniew. ["The city of miracles"; as seen by myself and others (Lourdes today). Translated from the Polish] "Gorod chudes"; svoimi i chuzhimi glazami (Lurd segodnia). Moskva, Gos. izd-vo polit. lit-ry, 1961. 85 p.

LOVAN REGION—COCCIDIOSIS

A new coccidian species from the edible dormouse Glis glis (1766). M. A. Musaev, A. M. Veisov. Dokl. AN Azerb. SSR 17 no. 11:1085-1088 '61.

LOVE

Two letters. Antonina T., L. Kremneva. Starsh.-serzh. no. 11 35 O[i e N] '61

LOVETSKII, ALEKSEI LEONT'EVICH, 1787-1840

Aleksei Leont'evich Lovetskii, a forgotten scientist of the first half of the 19th century. O. V. Kozakova. Trudy Inst. ist. est. i tekh. 41:353-375 '61

LOVOZERO TUNDRAS—PEGMATITES

Mineralogy of alkaline pegmatites in the Khibiny Mountains and Lovozero Tundras. E. I. Semenov. Mat. po min. Kol'. poluost. 1:102-106 '59.

LOVOZERO TUNDRAS—ROCKS, IGNEOUS

"Lovozero alkaline massif" by K. A. Vlasov, M. V. Kuz'menko, E. M. Es'kova. Reviewed by T. N. Ivanova, A. V. Galakhov. Izv. AN SSSR. Ser. geol. no. 3:115-116 Mr '61.

LOVOZERO TUNDRAS—SEDIMENTS (GEOLOGY)

Sinter formations from crosscuts of Karnasurt Mountain in the Lovozero Tundras. I. V. Bussen, S. I. Smirnova. Mat. po min. Kol'. poluost. 1:116-120 '59.

LOVOZERO TUNDRAS—ZIRCONIUM SILICATES

Keldyshite, a new mineral. V. I. Gerasimovskii. Dokl. AN SSSR 142 no. 4 916-918 F '62.

LOW-TEMPERATURE METALS see Metals at low temperatures

LOW TEMPERATURE RESEARCH

(see also subdivision under Ukraine)

High-speed chemical processes at low temperatures. V. A. Lishnevskii, B. M. Uzhinov, G. B. Sergeev. Dokl. AN SSSR 142 no. 5:1116-1119 F '62

Negative photoconductivity in germanium at the temperature of liquid helium. V. P. Dobrego, S. M. Ryvkin. Fiz. tver. tela 4 no. 2,553-555 F '62.

New research on the physics of low temperatures. I. M. Khalatnikov. Vest. AN SSSR 32 no. 2 111-112 F '62.

Thermocontroller for low temperatures [in Azerbaijani with summary in Russian]. L. M. Imanov, IA. M. Abbasov. Izv. AN Azerb. SSR Ser. fiz.-mat. i tekh. nauk no. 5:79-82 '61.

LOWER TUNGUSKA VALLEY—TILLEYITE

Find of titleyite in the contact zone of the Anikitskiy trap intrusion on the Lower Tunguska River. V. V. Reverdatto. Dokl. AN SSSR 142 no. 5:1155-1157 F '62.

LOZOVAYA DISTRICT—AGRICULTURE—EXPERIMENTATION

Interesting and useful experiment. Valentyn Kamenev. Rad. shk. 40 no. 2:15 F '62.

LUBRICATION AND LUBRICANTS

(see also subdivision under United States)

Dielectric polarization of plastic lubricants [with summary in English]. IU. F. Deineha, A. V. Lobastova. Dop. AN URSR no. 1 73-75 '62.

Effect of organosulfur compounds on the oxidizability of lubricating oils. S. E. Krein, I. A. Rubinshtein, I. A. Popova. Neftekhimiia 1 no. 5,663-669 S-O '61.

Effect of surface-active lubricants on deformations caused by friction in the case of both unilateral and alternating application of the force. V. D. Fridkin. Dokl. AN SSSR 142 no. 2 322-325 Ja '62

Effectivenss of the "Moifkot" additive. O. Obrezkova, V. Protasov. Avt. transp. 40 no. 2 24-26 F '62

Oxidants as a basis for the lubricating action of mineral oils. G. V. Vinogradov, Lian Go-ling [Liang Kuo-ling], N. T. Pavlovskaia. Neftekhimiia 1 no. 2 274-279 Mr-Ap '61

Redistillation process in the production of oils. B. P. Kuliev and others. Khim. i tekh. topl. i masel 7 no. 1 23-26 Ja '62.

LUBRICATION AND LUBRICANTS—ADDITIVES

Higher aliphatic acids as additives to mineral oils for use in connection with high friction of metals, such as stearic acid. G. V. Vinogradov, Lian Go-ling [Liang Kuo-ling], N. T. Pavlovskaia. Neftekhimiia 1 no. 2 280-285 Mr-Ap '61.

Methods for evaluating the economic effect of the use of oil additives. V. S. Demchenko, K. A. Kostin. Khim. i tekh. topl. i masel 7 no. 3:36-41 Mr '62

New additives to fuels and oils (survey). IA. B. Chertkov. Khim. i tekh. topl. i masel 7 no. 3:64-66 Mr '62

LUBRICATION AND LUBRICANTS—TESTING

Eventova, M. S. [Brief manual for laboratory testing of lubricants] Kratkoe rukovodstvo k prakticheskim zaniatiiam po smazochnym maslam. Pod red. P. P. Borisova. [Moskva] Izd-vo Mosk. univ., 1961. 110 p.

LUBRICATION AND LUBRICANTS—TRANSPORTATION

Concerning the performance of oil delivery vehicles in the winter. K. Rybakov and others. Tekh. v neftekhoz. 22 no. 1 52-55 Ja '62

LUGA DISTRICT—PINE

Flora of the pine forests of Luga District, Leningrad Province [with summary in English]. N. A. Minkevich. Vest. LGU 17 no. 3:5-16 '62

LUGA VALLEY—BOTANY

Evaluation of the vegetation of the Luga River flood plain with the aid of I. G. Ramenskii's ecological tables. S. P. Prizhukov. Bot. zhur. 47 no. 1:92-99 Ja '62.

LUGANSK—CONSTRUCTION INDUSTRY—CONGRESSES

Conference on industrial construction. Stroi. i arkhit. 9 no. 12:38-39 D '61

LUGANSK PROVINCE—COAL MINERS

At the provincial meeting of Luganak miners. Ugol' Ukr. 6 no. 2:46 F '62.

LUGANSK PROVINCE—CONSTRUCTION INDUSTRY

On the road of growth. I. Skliarov. Stroi. Ukr. 11 no. 12 3-4 D '61.

LUGANSK PROVINCE—FINANCE

We are not only contributing but helping ourselves. K. Khrenskii. Fin. SSSR. 23 no. 1 66-69 Ja '62.

LUGANSK PROVINCE—MINE ACCIDENTS

Causes for cable breakdown on the slope of the No. 1-3 "Gorskaia" Mine. E. M. Poltakov. Bezop. truda v shakh. 6 no. 1:11 Ja '62.

LUGANSK PROVINCE—MINE WATER—SAFETY MEASURES

Preventing water inrush in active coal-mine workings. IA. G. Serdula. Bezop. trudn. v prom. 6 no. 3:3-4 F '62.

LUGANSK PROVINCE—TIME STUDY

Photography of the workday of auxiliary workers using the method of intermittent observations. V. Vorontsov, P. Zhalov. Biul. nauch. inform., trud i zar. platy no. 1:22-25 '62

LUKHOVITSY DISTRICT—FARM MANAGEMENT

Basic problems in the organization of land use on collective farms in the middle Oka flood plain. V. I. Sosnov. Trudy MIIZ no. 8:81-94 '59.

LUMBAR CURVE—INNERVATION

Surgical anatomy of the truncus sympathicus in the lumbar region. S. IU. Rutshtein. Nov. khir. arkh. no. 1:78-80 Ja-F '60.

LUMBER—DRYING

Using semiconductor thermistors for air condition control in drying kilns. A. A. Smirnov. Der. prom. 11 no. 3:15-17 Mr '62.

LUMBER—GRADING

Automatic sorting of lumber. A. P. Mazurenko, G. I. Medvedev. Les. prom. 39 no. 12:6-8 D '61.

LUMBER—TRANSPORTATION

(see also subdivision under Komi A.S.S.R.)

"Floating or overland transportation of timber?" N. P. Plotnikov. Les. prom. 39 no. 12:31 D '61.

LUMBER—TRANSPORTATION (Continued)

Labor consumption of log hauling operations. T. A. Isadskaia. Trudy TSNIIME no. 26 95-114 '61

Trucks in winter hauling of logs. G. M. Parfenov. Les. prom. 39 no. 12 18-20 D '61

LUMBERING
(see also subdivision under Archangel Province)

Basic trends in the development of the lumbering industry. I. S. Shinev, M. B. Nakhmanovich. Trudy TSNIIME no. 26 3-61 '61.

For advanced methods in lumbering. Les. prom. 39 no. 12, 17 D '61

How can the output of merchantable lumber be increased? N. V. Sinitsev. Les. prom. 40 no. 1, 20 Ja '62.

In an experimental logging camp. I. Bykadorov. Les. prom. 40 no. 1 5-6 Ja '62.

Increase the volume of deliveries by means of sawing debarked logs. I. V. Sobolev. Der. prom. 11 no. 3: 17-18 Mr '62

Introduce the results of research in production. L. V. Roos. Les. prom. 40 no. 1:8-9 Ja '62.

Items from technical journals. Les. prom. 39 no. 12: insert D '61

Lumbering industry in the fourth year of the seven-year plan. V. Galas'ev. Les. prom. 40 no. 1:1-4 Ja '62.

Results of discussions. Les. prom. 39 no. 12:15-17 D '61

Ways for complete use of forest resources. Les. prom. 39 no. 12:1-3 D '61.

Working still better. G. Denisov. Les. prom. 40 no. 1: 5 Ja '62.

LUMBERING—ECONOMIC ASPECTS

Improve economic indices. V. A. Popov. Les. prom. 40 no. 1:27-28 Ja '62

LUMBERING—EQUIPMENT AND SUPPLIES

Aleshin, A. F., and others. [Organization of the repair of lumbering equipment by the unit method] Organizatsiia remonta lesozagotovitel'nogo oborudovaniia agregatnym metodom. Moskva, Goslesbumizdat, 1961. 218 p.
(DA)

Machinery and equipment for lumbering and water management. Sel'stroi. 16 no. 12:18-19 D '61

LUMBERING—FINANCE

Urgent problems concerning capital investments. G. N. Lavrovskii. Les. prom. 40 no. 1:23-24 Ja '62

LUMBERING—LABOR PRODUCTIVITY

For high labor productivity. A. Sharygin and others. Les. prom. 40 no. 1:6-7 Ja '62.

LUMBERING—MACHINERY

Automatic bucking machinery. A. Shchegol'kov, V. Onegin. Les. prom. 39 no. 12:8-9 D '61

Automation for lower landings; exhibit at the Exhibition of Achievements of the National Economy of the U. S. S. R. Les. prom. 40 no. 1:19-22 Ja '62

Economic effectiveness of semiautomatic production line at lower landings. N. I. Rozhin, T. A. Isadskaia, N. N. Uvarova. Trudy TSNIIME no. 26:63-94 '61.

[Fundamentals of lumbering and the operation of machines and mechanisms] Osnovy lesozagotovok i ekspluatatsiia mashin i mekhanizmov. [By] V. A. Gorbachovskii i dr. Moskva, Goslesbumizdat, 1961. 319 p.
(DA)

Improved machinery for the lumbering industry. D. Markov. Les. prom. 40 no. 1:8 Ja '62.

Items from technical journals. Les. prom. 40 no. 1: insert Ja '62.

Let's bring technological innovations into the forest! E. Semenov. Okhr. truda i sots. strakh. 5 no. 1, 22-23 Ja '62.

Machinery for logging operations. M. I. Zaichik. Les. prom. 39 no. 12:0-13 D '61.

New machinery for lumbering camps. Les. prom. 40 no. 1:30-32 Ja '62.

Over-all solution of automation problems. D. S. Gorshkov. Les. prom. 39 no. 12:4-6 D '61.

Potentials of the lumbering industry (To be concluded). K. I. Voronitsyn. Les. prom. 40 no. 1:11-15 Ja '62.

Recent developments in the mechanization of logging operations. A. V. Frolov. Les. prom. 40 no. 1:15-18 Ja '62.

[Repair of lumbering and forestry machinery] Remont lesozagotovitel'nykh i lesokhozialstvennykh mashin. [By] D. D. Erakhtin i dr. Moskva, Goslesbumizdat, 1961. 436 p.
(DA)

Technical information. Les. prom. 39 no. 12:30 D '61.

Today and tomorrow of a lumber combine. I. A. Shchurov. Les. prom. 40 no. 1:7 Ja '62.

LUMBERING—SAFETY MEASURES

Mozhul', V. G. [Safety measures and fire extinction in lumbering camps] Tekhnika bezopasnosti i protivopozharnaia tekhnika na lesozagotovkakh. 1961. 261 p.

Scientific technological societies and labor protection. Les. prom. 39 no. 12:23 D '01.

LUMBERYARDS

"Forest products and lumberyard management" by K. A. Komol'tsev. Reviewed by E. I. Lopukhov. Les. prom. 39 no. 12:3 of cover D '61

LUMINESCENCE

Discussion of V. L. Levshin's report "Migration of energy in solutions and the association theory of the quenching of luminescence." L. A. Ignat'eva. Izv. AN SSSR. Ser. fiz. 26 no. 1, 52 Ja '62

Effect of grinding on the luminescent properties of tungstate luminophors. IU. S. Leonov. Opt. i spektr. 12 no. 2:265-270 F '62.

Effect of infrared light on the luminescence of pure and mixed silver-halide phosphors. V. M. Belous, S. I. Golub. Opt. i spektr. 12 no. 2:271-274 F '62

Effect of oxygen on the photoluminescence of lead sulfide films. L. N. Galkin, L. N. Kurbatov. Opt. i spektr. 12 no. 1:95-98 Ja '62.

Gamma- and photoluminescence of alkali metal iodides. N. N. Vasil'eva, Z. L. Morgenshtern. Opt. i spektr. 12 no. 1:96-91 Ja '62.

Introductory remarks. V. L. Levshin. Izv. AN SSSR. Ser. fiz. 26 no. 1 2-6 Ja '62.

Konstantinova-Shlezinger, M. A. [Luminescence analysis] Luminestsentnyi analiz. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 399 p. (Fizika i tekhnika spektral'nogo analiza. Biblioteka inzhenera)

Luminescence and distribution of energy levels in annealed and unannealed alkali halide crystals excited with X rays and β particles. M. N. D'iachenko. Trudy KHIIT no. 41:74-83 '61.

Luminescence of some solvents. K. A. Kovyrzina, I. M. Rozman. Opt. i spektr. 12 no. 2:248-253 F '62.

Luminescence spectra of porphyrins. A. N. Sevchenko. Izv. AN SSSR. Ser. fiz. 26 no. 1 53-60 Ja '62

Method for luminescent analysis of atherosclerosis [with summary in English]. V. Kh. Anestiadi. Arkh. pat. no. 2:33-37 '62.

Migration of energy in solutions and the association theory of the quenching of luminescence. V. L. Levshin. Izv. AN SSSR. Ser. fiz. 26 no. 1 43-51 Ja '62

New microluminescence method for the titration of small amounts of substance in solutions. Report No. 2: Determination of small quantities of strong acids in solution [with summary in English]. K. P. Stoltarov, N. N. Grigor'ev, L. A. Solov'eva. Zhur. anal. khim. 17 no. 1: 28-30 Ja-F '62.

Present-day theory of the luminescence of complex molecules. B. I. Stepanov. Izv. AN SSSR. Ser. fiz. 26 no. 1 32-41 Ja '62.

Spectral study of the luminescence of malignant tumors. A. V. Karlskin. Izv. AN SSSR. Ser. fiz. 26 no. 1 94-99 Ja '62

Study of luminescence arising in electric explosions of thin wires. M. P. Vanlukov, V. I. Isaenko. Zhur. tekh. fiz. 32 no. 2 197-201 F '62.

Temperature effect on the kinetics of the sensitized luminescence of certain impurities in naphthalene crystals. V. P. Kovalev. Opt. i spektr. 12 no. 1:143-144 Ja '62.

Theory of the quenching of luminescence by foreign substances, discussion of B. I. Stepanov's report "Present-day theory of the luminescence of complex molecules." A. M. Samson. Izv. AN SSSR. Ser. fiz. 26 no. 1 41-42 Ja '62.

Use of luminescence in the study of biological processes. L. A. Tumerman. Izv. AN SSSR. Ser. fiz. 26 no. 1 84-93 Ja '62

Use of sodium trimetaphosphate in the luminescent method for the determination of uranium in solution [with summary in English]. T. S. Dobrolubskaia, A. V. Davydov, A. A. Nemodruk. Zhur. anal. khim. 17 no. 1: 70-74 Ja-F '62.

Vector-parametric method for studying polarized luminescence. A. M. Samson, K. S. Adzerikho. Opt. i spektr. 12 no. 2:239-247 F '62.

LUMINESCENCE—CONGRESSES

Tenth Conference on Luminescence. V. Antonov-Romanovskii, P. Feofilov. Opt. i spektr. 12 no. 1:151-154 Ja '62.

LUNGS—ABNORMITIES AND DEFORMITIES

Some characteristics of resection of the lung in the presence of an unpaired lobe. I. M. Slepukhin. Grud. khir. 4 no. 1:67-69 Ja-F '62

LUNGS—CANCER

Angiography in lung cancer. K. B. Krymova, A. P. Kuz'michev. Grud. khir. no. 5:81-86 '61.

Clinical significance of cytological studies in diagnosing lung cancer. S. I. IArchevskaia. Nov. khir. arkh. no. 2: 10-16 '62.

Combination of cancer and tuberculosis of the lungs from data of the Tuberculosis Institute of the Ministry of Public Health of the Azerbaijan S. S. R. K. A. Selimkhanov. Azerb. med. zhur. no. 11:35-39 N '61.

Detecting cancer of the lung by the method of large-image fluorography. E. P. Barannik, V. B. Maiskii, N. IU. Khanina. Probl. tub. no. 2, 98-99 '62.

Diagnostic value of the reaction of thermocoagulation in the blood serum in pulmonary cancer. V. G. Lositskii. Voen.-med. zhur. no. 8:84 Ag '61.

Immediate and late results of explorative thoracotomy in lung cancer [with summary in English]. V. V. Rodionov. Vop. onk. 8 no. 1:12-18 '62.

Possibilities of pneumomediastinography and angiography of the lungs in determining the operability of lung cancer [with summary in English]. L. A. Gurevich, M. I. Semenovskii. Vop. Onk. 8 no. 1 5-12 '62

Prevention of thromboembolic complications in lung cancer. E. P. Stepanian, IU. D. Moskalenko, N. IA. Kosorukova. Grud. khir. no. 5:88-94 '61.

Role of prescalene biopsy in diagnosing lung cancer. V. S. Pomelov. Khirurgiia no. 2 107-112 '62

Selective angiopneumography in lung cancer [with summary in English]. A. N. Novikov, S. IA. Marmorshtein, A. Kh. Trakhtenberg. Vop. onk. 8 no. 2 45-51 '62

LUNGS—COLLAPSE

Results of the use of thoracoplasty and extrapleural pneumolysis in pulmonary tuberculosis. G. G. Gorovenko and others. Probl. tub. no. 2 21-29 '62

LUNGS—DISEASES

Changes in the color sedimentation test of urine in various inflammatory suppurative processes in the lungs. V. M. Shiganskaia. Lab. delo. 8 no. 2 50 F '62

Disorders of the blood circulation in toxic pneumosclerosis [with summary in English]. S. I. Ashbel', R. G. Khil', A. M. Zakharova. Gig. truda i prof. zab. no. 2 26-32 '62

Effect of various modes of administration (inhalation and sublingual) of isadrine on bronchial permeability in chronic diffuse pulmonary diseases [with summary in English]. M. S. Shneider, T. P. Krasnokutskaia, L. I. Polishchuk. Sov. med. 25 no. 12, 82-86 D '61.

Evaluation of the condition of the blood circulation in lung diseases. G. N. Akzhigitov. Khirurgiia no. 2:18-25 '62.

Glycemic curve in chronic lung suppurations before and after surgery. F. M. Zhmudikov. Zdrav. Bel. 7 no. 12:16-19 D '61.

Protein formula of the blood in patients with nonspecific pulmonary pathology. V. A. Simagina, V. V. Salina. Terap. arkh. no. 7:69-73 '61

Significance of thoracotomy in the diagnosis and treatment of pulmonary and extrapulmonary surgical diseases. T. A. Kunitsina, L. A. Migal'. Grud. khir. no. 5, 75-81 '61

Topographical anatomical characteristics of pleural adhesions in some diseases of the lungs. M. R. Rokitskii. Zdrav. Bel. 7 no. 12, 12-16 D '61

LUNGS—DUST DISEASES

Changes in the nodose ganglia of the vagus nerves in experimental unilateral silicosis. A. O. Navakatikian, M. I. Shul'ga. Arkh. pat. no. 2:27-32 '62.

Combined forms of pneumoconioses in patients with collagenoses [with summary in English]. V. E. I lubomudrov and others. Terap. arkh. no. 9:95-101 '61

Compensatory changes in the red blood in pulmonary insufficiency in siderosilicosis. G. Kh. Lazidi, A. A. Koval'chuk. Gig. truda i prof. zab. 6 no. 1, 59-61 Ja '62

Study of the "bronchial tree" in pneumoconiosis in miners [with summary in English]. L. Brückner, J. Rosmait. Gig. truda i prof. zab. no. 2 32-37 '62.

LUNGS—FOREIGN BODIES

Case of a foreign body in the chest cavity. M. Z. Sorkin. Grud. khir. no. 5:109-110 '61.

LUNGS—RADIOGRAPHY

Diagnosis of isolated pulmonary lymphogranulomatosis. M. S. Starichkov. Vest. rent. i rad. 36 no. 6:50-52 N-D '61.

Healing of a tuberculous cavern observed in the clinic and by X-ray tomography [with summary in French]. D. S. Murov'ev. Probl. tub. no. 2 32-38 '62.

Pathoanatomical and clinical X-ray changes appearing in the lungs during radiotherapy of esophageal cancer [with summary in English]. E. D. Savchenko, T. A. Trof'imkova. Vest. rent. i rad. 36 no. 6:19-25 N-D '61.

LUNGS—SURGERY

Analysis of the divergencies between planned and factually performed extent of resection of the lungs in tuberculosis [with summary in English]. M. I. Perel'man, L. N. Otsup. Grud. khir. no. 5:64-68 '61.

Bakulev, A. N., and R. S. Kolosnikova. [Surgical treatment of suppurative pulmonary diseases] Khirurgicheskoe lechenie gnoinykh zabolevanii legkikh. Moskva, Medgiz, 1961. 206 p.
(DNLM)

Cavernotomy in tuberculosis of the lungs. G. V. Khitrina. Probl. tub. no. 2:104-105 '62.

Changes in the electrocardiogram during resection of the lungs in tuberculosis [with summary in English]. Z. N. Balezina. Grud. khir. 4 no. 1:79-81 Ja-F '62.

Characteristics of hemodynamic changes and blood oxygenation in right and left resection of the lung in tuberculosis. S. T. Urashev. Zdrav. Kazakh. 21 no. 10:11-16 '61.

Clinical X-ray observations of the state of the organs of the chest cavity during the days immediately following surgery on the lungs. V. G. Cheshik, D. M. Al'perovich. Zdrav. Bel. 7 no. 12:8-12 D '61.

[illegible]

Mas[illegible] of the lung after a topographical resection, experimental study [abstract in English] L. V. Us[illegible] Grud khir 4 no 1:69-74 Ja-F '62

Mas[illegible] in radical operations on [illegible] Preliminary [illegible] Grud khir. 4 no 1 74-78 [illegible] '62

Pe[illegible] of the lungs in tuberculosis [abstract in English] A. S. Mamolat, G. L. Rozen[illegible] Probl tub no 2 19-20 '62

Pe[illegible] in adolescents with [illegible] tuberculosis of the lungs [with summary in English] M. I. Sr[illegible] Probl tub no 2 20-24

[illegible] of preoperative determination of the topography [illegible] bifurcation of the bronchi for treatment [illegible] pulmonary tuberculosis [with summary in English] P. [illegible] Fleisher and others Grud khir 4 [illegible] Ja-F '62

[illegible] surgical treatment of resection of the lung in the presence [illegible] injured lobe I. M. Stepakna Grud khir 4 no 1 83 Ja-F '62

Th[illegible] anomalies of the aortal bifurcation as a complication [illegible] pneumonectomy V. S. Bachenov [illegible] no 6 44-45 Je '61

LUNGS—MORPHOLOGY

M[illegible] and morphology of pulmonary adenomas [illegible] data from intravital fluorescence [illegible] P. E. Moroz Vop onk. 8 no 1. [illegible] '62

N[illegible] lung tumors [with summary in English]. M. I. [illegible], A. I. Izrinskii Vop onk 8 no 1:3-5 '62

[illegible] of chondroma of the lung. E. M. Volin [illegible] 4 no 1:110-112 Ja-F '62

LUORAVETLANI see Chukchi

LUPINE see subdivision under Khoynikl District

LUPINE—FERTILIZERS AND MANURES

Effect of fertilizers on the yield of lupine and winter crops in loamy turf-Podzolic soils E. M. Tomson Trudy BaltNIISKh 34 87-94 '61

LUPUS ERYTHEMATOSUS

A peculiar erythematosus in children S. V. Levitskaia. Pediatriia 41 no 3 71-73 '62

Clinical aspects and treatment of nervous system disorders in acute and lupus erythematosus [with summary in English] O. A. Khondkarian, L. M. Popova, V. F. Dubrovskaia, [illegible] med 25 no 12 61-64 D '61.

Treatment of chronic lupus erythematosus with resochin in combination with pathogenic and roborant substances M. L. Polikar and others Sov. med 25 no 12 100-102 D '61

LUTECIUM—DECAY

Radioactive nature of the isomer level ^{176}Lu ($T_{1/2}$= 3.7 hrs) I. Rezanka and others Izv. AN SSSR. Ser. fiz 26 no 1 127-130 Ja '62

LUTECIUM—ISOTOPES

Spectrum of conversion electrons with an energy exceeding 1000 Kev. from a lutecium fraction B. S. Dzhelepov and others Izv. AN SSSR Ser. fiz 26 no 2 162-161 F '62

LUTIDINE

Use of lutidine in experimental tuberculosis in guinea-pigs [with summary in English]. A. G. Pekhterev. Vrach. delo no. 1:91-98 Ja '62.

LUTSEVICK, ULADZISLAVA FRANTSAUNA (STANKE-[illegible]

dzia. IA. Ramanouskaia. Rab. i sial.

v. N. F. 3-28 '61

th nauk v, 1917-1917- knyzhkovo-

vov. F '62.

a rul.

f the Lvov ishko

E

Fin.

LVOV PROVINCE—TOBACCO INDUSTRY—FINANCE

Use productive capacities more fully. G. Vilko Fin. SSSR. 23 no 1 76-78 Ja '62

LVOV REGION—MAMMOTH

Discovery of mammoth bones in the vicinity of Lvov. L. M. Kudrin Nauk zap Nauk.-pryrod. muz. AN URSR 9 29-30 '61

LVOV REGION—MOSSES

Buxbaumia aphylla Hedw. in the vicinity of Lvov. V. M. Mel'nychuk Nauk zap Nauk.-pryrod. muz. AN URSR 9 154-158 '61

LVOV UNIVERSITY

Celebration of the tercentenary of Lvov University. P. I. Holovko Ukr. ist. zhur. 6 no 1 153-154 Ja-F '62

LVOV-VOLYN' BASIN—COAL GEOLOGY

Using radioactive logging methods in studying coal-bearing formations as revealed by the Lvov-Volyn' Basin. IE. I. Dem'ianovs'ka Geol. zhur. 21 no 6:66-73 '61.

LYMPHATICS

Blood supply of lumbar lymph nodes [with summary in English]. A. A. Arkhypovych Dop. AN URSR no. 2: 257-260 '62.

Participation of the lymphoid organs in immunogenesis and the role of steroid hormones in this process [with summary in English]. A. N. Meshalova. Zhur. mikrobiol., epid. i immun. 32 no. 9:77-83 S '61.

LYMPHATICS—CANCER

Morphological characteristics of the routes of lymph circulation demonstrated in the cadavers of cancer patients. L. S. Bespalova. Nov. khir. arkh. no. 2:27-31 '62

LYMPHATICS—RADIOGRAPHY

Lymphography and the possibilities for its use in clinical oncology. D. L. Kleiman. Vop. onk. 8 no 2:101-111 '62.

LYMPHATICS—TUBERCULOSIS

Case of arterial hemorrhage in tuberculous infection of the endothoracic lymph nodes. V. I. Gribkov, S. B. Tiatov. Probl. tub. no 2:100-101 '62.

LYMPHATICS—TUMORS

Lymphangioma cysticum of the mesentery of the small intestine. N. A. Kolsanov. Kaz. med. zhur. no. 6 59-60 N-D '61.

LYMPHOCYTES

Relative lymphocytosis and solar activity. N. A. Shul'ts. Terap. arkh. no. 7:97-99 '61.

LYMPHOCYTOSIS

Asymptomatic infectious lymphocytosis. V. A. Lebedeva. Zdrav. Kazakh. 21 no 5:58-60 '61.

LYMPHOGRANULOMATOSIS see Hodgkin's disease

LYUBERTSY—RUGS AND CARPETS

Learning about carpets. N. Vasil'ev. Smena 39 no. 3: 24-25 F '62

LYUBIMOVSKIY—SAUSAGES

Her work is needed very much. G. Aleksandrov. Koop. Kazakh. 4 no. 3 10-11 Mr '61.

MACHIAVELLI, NICCOLO, 1469-1527

Groundless views of a bourgeois historian. B. A. Kamenetskii. Vop. ist. no. 2:190-191 F '62.

MACHINE ACCOUNTING
(see also subdivision under Kazakhstan)

Kuznetsov, I. N. [Economic efficiency of using accounting and calculating machines] Ekonomicheskaia effektivnost' primeneniia schetno-vychislitel'nykh mashin. Moskva, Izd-vo ekon. lit-ry, 1961. 78 p. (Ekonomicheskoe samoobrazovanie)

Mechanize the processing of statistical reports more freely. G. Vladykin. Vest. stat. no. 3 41-48 '62.

"Over-all mechanization of accounting in the mines and enterprises of the coal industry" by N. G. Tverdokhleb. Reviewed by R. Skrypnik, B. Piven'. Bukhg. uchet 19 no. 1:76-77 Ja '62.

MACHINE ACCOUNTING—BIBLIOGRAPHY see Bibliography—Machine accounting

MACHINE ACCOUNTING—CONGRESSES

The All-Union Conference on the Mechanization of Accounting and Statistics. Bukhg. uchet 19 no. 2:68-71 F '62.

MACHINE GUNS

Founder of the Russian school of the automatic weapon. N. Okhotnikov. Voen.-ist. zhur. 3 no. 12:106-114 D '61.

MACHINE MOLDING (FOUNDING)

Simplified characteristic curve of the jolting mechanism on a molding machine. I. IA. Gerasimov, L. A. Izrailevich. Lit. proizv. no. 2:26-27 F '62.

MACHINE-SHOP PRACTICE

Effect of vibrations on the reliability of automatic assembling of parts. B. Lobzov, K. Mucenieks. Izv. AN Latv. SSR no. 1 53-58 '62

Nature of damage to edges during assembly. B. Lobzov, K. Mucenieks. Izv. AN Latv. SSR no. 10 13-18 '61

Use of plastic deformation in machining cylindrical surfaces. G. M. Azarevich, G. Sh. Bernshtein. Trakt. i sel'khozmash. 32 no. 1 18-19 Ja '62

MACHINE-TOOL INDUSTRY see subdivision under Germany, West; Krasnodar; Moscow; Ul'yanovsk

MACHINE-TOOL INDUSTRY—HYGIENIC ASPECTS

Let's bring the triumph of communism closer. A. Morozov. Okhr. truda i byta, atrakh. 5 no 1 6 Ja '62.

MACHINE-TOOL INDUSTRY—TECHNOLOGICAL INNOVATIONS see subdivision under Leningrad; Moscow

MACHINE TOOLS
(see also subdivision under United States)

Column-type machine-tool unit. G. M. Morevskii. [illegible] i instr. 33 no 1:36-37 Ja '62.

The K065 drill twisting and straightening machine. V. N. Pervitskii. Biul. tekh.-ekon. inform. no 1:31-35 '62

The 1L60 automatic production line. IU. L. Kornatov. Biul. tekh.-ekon. inform. no. 1, 22-24 '62.

Pneumatic multicut devices using tubular diaphragms. B. G. Tikhanovich. Elektrosila no 19 18-30 '60

Residual surface stresses along the axes of arbors of a piercing mill. N. A. Aliev, F. G. Magerramova. Izv. AN Azerb. SSR. Ser. fiz.-mat. i tekh. nauk no 1:81 '61.

MACHINE TOOLS—ATTACHMENTS

Adjustment of drilling and screw-cutting heads for machining holes in small parts. P. V. Myakin, IU. A. [illegible] Stan. i instr. 33 no 3:42-44 Mr '62

"Fundamentals of the construction of pneumatic and hydraulic attachments" by IU. A. TSipkin. IU. I. Kuretsov. Reviewed by V. A. Volonatov. Mashinostroitel' no 2:47 F '62.

Methodology for determining the economic efficiency of using rented multipurpose attachments with interchangeable parts. O. A. Kholomina. Nauch. trudy MIIT [illegible] 187-196 '61.

Standardization of attachments for machine tool units. P. M. Polivanov, F. A. Osmolovskii. Zh. I. Turtakovskaia. Standartizatsiia 26 no 2 9-16 F '62

MACHINE TOOLS—DESIGN

New machine tools designed by the Special Design Bureau. A. A. Makarov, L. S. Arkhmeshet. Mashinostroenie 87-89 Ja-F '62

MACHINE TOOLS—NUMERICAL CONTROL

Open system of program control for machine tools. V. A. Ratmirov. Mashinostroitel' no. 2:16-17 F '62

Program-controlled machine tools. P. P. Dudnik. Mashinostroenie no. 1 119-121 Ja-F '62.

MACHINE TOOLS—TECHNOLOGICAL INNOVATIONS

Lathe operator and innovator Andrei Kuz'mich [illegible]. IU. Stepanenko. Mashinostroitel' no 2:1 F '61.

MACHINE TRANSLATING

Establishment of syntactical relations between [illegible] tional groups in the Russian language. I. N. Shelin [illegible] Soob. Otd. mekh. i avtom. inform. rab. no. 2:117 141 '61.

Generation of forms in the synthesis of Russian words. Z. M. Volotskaia. Soob. Otd. mekh. i avtom. inform. rab. no. 2 169-194 '61.

Preliminary breakdown of a phrase in syntactical analysis (as applied to the Russian language). E. V. Paducheva. Soob. Otd. mekh. i avtom. inform. rab. no. 2:114-116 '61.

Problems arising in the analysis of personal pronouns of the third person. A. L. Shumilina. Soob. Otd. mekh. i avtom. inform. rab. no. 2 142-149 '61.

Problems in the creation of a machine language for organic chemistry. G. F. Viedute, V. K. Finn. [illegible] AN SSSR no. 1:87-99 '60.

Problems of word formation in machine translating. Z. M. Volotskaia. Soob. Otd. mekh. i avtom. inform. [illegible] no. 2:195-209 '61.

Redundancy of certain antitheses in the case system of the Russian noun. E. V. Paducheva. Soob. Otd. mekh. i avtom. inform. rab. no. 2:150-165 '61.

Syntagmas of the Russian language. E. V. Paducheva, A. L. Shumilina. Soob. Otd. mekh. i avtom. inform. rab. no. 2:89-113 '61.

Synthesis of simple Russian sentences. Z. M. Volotskaia, A. L. Shumilina. Soob. Otd. mekh. i avtom. inform. rab. no. 2:166-168 '61.

MACHINERY—CONSTRUCTION

Kamenetskii, V. IA. [Manufacturing machine and instrument parts from capron] Izgotovlenie detalei mashin i priborov iz kaprona. Moskva, Mashgiz, 1961. 80 p.

[Machinery manufacture.] Ref. zhur.: Mashinostr. no. 2 J '62. Predmetnyi ukazatel' za 1960 g.

Podshivalov, R. N., and N. I. Suslov [Machine parts made of caprolon] Kapronovye detali mashin. Pod red. A. V. Kovalenko Moskva, Mashgiz, 1961 39 p (Biblioteka mashinostroitelia. Serila "Za ekonomiiu metallov i elektroenergii")

MACHINERY —DESIGN

From practice of the economics in designing machinery for the underground repair of oil wells B. A. Dadashev Nauch. trudy MIEI no 18 177-186 '61

Mlagkov, V. D. [Brief manual for machinery designers] Kratkii spravochnik konstruktora. Moskva, Mashgiz, 1961. 513 p.

Naumov, V. P., and K. P. Malyshkin [Efficiency promoters stirring for a saving of metal] Rationalizatory v bor'be za ekonomiiu metalla. Pod red. A. V. Kovalenka Moskva, Mashgiz, 1961. 36 p (Biblioteka mashinostroitelia. Serila "Za ekonomiiu metallov i elektroenergii")

Zhuravlev, V. N. [Reducing the weight of structures used in machine manufacture] Snizhenie vesa mashinostroitel'nykh konstruktsii. Izd. 2., perer. i dop. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 236 p.

[MICROFILM]

MACHINERY —ERECTING WORK

A crane with a platform for assembling the steel plates lining reinforced concrete silos N. I. Bogdanov, P. A. Tarushkin. Mont. i spets. rab. v stroi. 23 no 12 22-24 D '61

Work required to assemble vertical technological equipment V. P. Pitirimov, M. B. Gurevich Mont. i spets. rab. v stroi. 23 no 12 10-11 D '61

MACHINERY —MAINTENANCE AND REPAIR
(see also subdivision under Kazakhstan)

Methods for reconditioning parts with plastics. I. E. Koniukhov. Mashinostroitel' no 2;26-27 F '62.

Reconditioning machine parts. A. N. Rodnin. Stan. i instr. 33 no 3:30-40 Mr '62

MACHINERY —STANDARDS

Standard structures are the first step in the standardization of mechanism units. B. A. Ershov Mashinostroitel' no 2:36 F '62.

MACHINERY —TESTING

Testing machinery by means of a set of dynamometers. M. I. Kotochigova Izm. tekh. no. 3:17-18 Mr '62

MACHINERY—WELDING

Device for the mechanized feeding of parts in spot welding. L. M. Berson. Svar. proizv no. 3:28-30 Mr '62.

MACHINERY, AUTOMATIC see subdivision under Ukraine

MACHINERY IN INDUSTRY

Theory of the productivity of industrial machinery as the basis for determining the economic efficiency of the over-all automation of production S. I. Artobolevskii Nauch. trudy MIEI no 18:118-155 '61

MACHINERY INDUSTRY
(see also subdivision under Alma-Ata; Armenia; Czechoslovakia; Gorlovka; Kazakhstan; Kharkov; Kharkov Province; Leningrad; Moscow, Samarkand; South Kazakhstan Economic region, Uzbekistan)

Artobolevskii, I. I., and A. P. Vladzievskii, eds. [Automatic production lines in the machinery industry] Avtomaticheskie linii v mashinostroenii; sbornik statei. Moskva, Izd-vo inostr. lit-ry, 1961. 450 p.

At the Exhibition of Achievements of the National Economy of the U. S. S. R. Plastics in the machinery manufacture. G. Tetevos'ian. Plast. massh no. 2:1-4 '62.

"Automation in the manufacture of machinery" by N. I. Damaskina. Reviewed by T. Vvedenskii. Mashinostroitel' no. 2:48 F '62.

Automation of technological processes in machinery manufacturing A. P. Vladzievskii. Nauch. trudy MIEI no. 18:13-28 '61.

Basic rules of the methodology for determining the economic efficiency of mechanization and automation in machinery manufacturing. A. D. Emel'ianov. Nauch trudy MIEI no. 18,134-147 '61.

Borodaev, D. A. [Technical means for automation in the machinery industry] Tekhnicheskie sredstva avtomatizatsii mashinostroitel'nogo proizvodstva. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 125 p.

Bovsunovskii, IA. I., and L. V. Svechnikov. [Mechanization and automation of control operations in the manufacture of machines and instruments] Mekhanizatsiia i avtomatizatsiia kontrol'nykh operatsii v mashinostroenii i priborostroenii. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 313 p.

[Establishing norms for the consumption of materials in machinery manufacture; manual] Normirovanie raskhoda materialov v mashinostroenii; spravochnik. Pod red. V. V. Valetova. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry.
Vol. I. 1961. 583 p.

"History of the Soviet machinery industry, from the first half of the 19th century to our time" by I.A. S. Rozenfel'd, K. I. Klimenko Reviewed by M. M. Makeenko. Vop. ist no 3:128-130 Mr '62

Leningrad. Leningradskii inzhenerno-ekonomicheskii institut. [Fundamentals of the organization of a socialist machinery plant] Osnovy organizatsiia sotsialisticheskogo mashinostroitel'nogo predpriiatiia. Pod red. K. G. Tatevosova. [Leningrad] Izd-vo Leningr. univ. 1961. 131 p.

Machine parts made of pipes. I. M. Bruter. Standartizatsiia 26 no 2 33 F '62.

Manufacture of machinery abroad. Mashinostroitel' no 2,11-16 F '62

Markov, A. L., and F. P. Volosevich. [Brief manual for inspectors and master workers of a machinery plant] Kratkii spravochnik kontrol'nogo mastera mashinostroitel'nogo zavoda. Moskva, Mashgiz, 1961. 287 p.

Mechanization and automation of hoisting and conveying operations in the machinery industry I. P. Kratkov Izv. vys. ucheb. zav., mashinostr. no 12 43-55 '61

Methodology for determining the economic efficiency of mechanization and automation in machinery manufacturing A. I. Noskov. Nauch trudy MIEI no 18:173-176 '61.

Methodology for studying the expenditure of working time in work on automatic lines N. A. Silant'eva Nauch trudy MIEI no 18 215-226 '61

New achievements of the Soviet machinery industry. N. Petrov Komm. Vooruzh. Sil 2 no 5:37-41 Mr '62.

[Norms for the consumption of materials in the manufacture of machinery; a handbook] Normirovanie raskhoda materialov v mashinostroenii, spravochnik. Pod red. V. V. Valetova Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry.
Vol 2. 1961 479 p

"Organization and planning of a machinery manufacturing plant" by A. N. Klimov, I. D. Olenev, S. A. Sokolitsyn Reviewed by A. Fokin Nar. khoz. Uzb. 4 no. 2:85-87 F '62

Organization of work in machinery manufacturing where the over-all mechanization and automation of production processes are in effect. E. P. Voronin Nauch trudy MIEI no 18,237-252 '61

Practice in determining the economic efficiency of automation in machinery manufacturing. G. A. Brianskii, A. P. Stepanov Nauch trudy MIEI no 18,256-172 '61.

Precision, reliability, and durability. S. Gurov. Otv. na vop. trud. no. 8:11-18 Ag '61.

Problems in the mechanization and automation of processes in the small-lot production of machinery manufacturing V. V. Boitsov. Nauch. trudy MIEI no 18: 29-39 '61.

Properties and use of cermet parts in machinery manufacture. IU. F. Morozov, V. A. Dymchenko Mashinostroenie no. 1, 3-8 Ja-F '62.

Several methodological problems of the analysis of work organization where the over-all automation of production processes is in effect A. I. Katsnel'sonbolgen. Nauch. trudy MIEI no 18;206-214 '61

Several problems in the automation of machinery manufacturing production. E. A. Satel'. Nauch. trudy MIEI no. 18;9-12 '61.

Some problems in the automation of series production in the machinery industry G. A. Kiselev Izv. vys. ucheb. zav., mashinostr. no. 12 56-63 '61.

Special features of work organization in mechanized and automated production N. N. Zakharov. Nauch. trudy MIEI no. 18;197-205 '61

Specialization in the manufacturing of parts and the automation of production in machinery manufacturing. T. D. Saksaganskii. Nauch. trudy MIEI no 18;40-46 '61

Vel'kin, I. E. [The manufacture of machinery and technological progress] Mashinostroenie i tekhnicheskii progress. Moskva, Izd-vo "Znanie," 1961. 38 p. (Narodnyi universitet kul'tury: Tekhniko-ekonomicheskii fakul'tet, no. 15)

Volunteer design offices. P. Bukhacharskii. Otv. na vop. trud. no. 8:19-21 Ag '61.

Work organization in machinery manufacturing where the over-all mechanization and automation of assembly processes are in effect. V. G. D'iachenko. Nauch. trudy MIEI no. 18;253-265 '61.

MACHINERY INDUSTRY—ACCOUNTING see subdivision under Novocherkassk; White Russia

MACHINERY INDUSTRY—EQUIPMENT AND SUPPLIES

Dubasov, A. A. [Equipment for machine building made from plastics] Osnastka iz plasticheskikh mass v mashinostroenii. Moskva, Vses. uchebno-pedagog. izd-vo, Profitekhizdat, 1961. 113 p. (Biblioteka molodogo rabochego)

MACHINERY INDUSTRY—FINANCE

Determination of the effectiveness of the technical reconstruction of machinery manufacturing plants N. Prokopenko. Ekon. Sov. Ukr. no. 3 12-18 My-Je '61.

MACHINERY INDUSTRY—HYGIENIC ASPECTS
(see also subdivision under Volgograd)

Twenty-six nonstaff workers. A. Kozlovskaia. Okhr. truda i sots. strakh. 5 no. 1:10 Ja '62.

MACHINERY INDUSTRY—LABOR PRODUCTIVITY see subdivision under Moscow

MACHINERY INDUSTRY —PRODUCTION STANDARDS

Tatevosov, K. G. [Establishment of norms for a uniform production flow in series-manufacture of machinery] Normativnye raschety ravnomernogo proizvodstva v seriinom mashinostroenii Moskva, Mashgiz, 1961. 246 p.

MACHINERY INDUSTRY —TECHNOLOGICAL INNOVATIONS
(see also subdivision under Leningrad)

Problems of mechanization and automation in introducing advanced technological processes in the machinery industry. E. A. Satel. Izv. vys. ucheb. zav., mashinostr. no 12 7-20 '61

MACROMOLECULAR COMPOUNDS

Relationship between molecular weight, the second virial coefficient, and the dimensions of polymer lumps in a good solvent V. E. Eskin Dokl. AN SSSR 142 no. 4 881-883 F '62

Tribometer for measuring the friction power of low-modulus high-molecular weight polymers V. V. Lavrent'ev. Kauch. i rez. 20 no 9 33 S '61.

MACROMOLECULAR COMPOUNDS—SPECTRA

Nuclear magnetic resonance study of molecular motion in amylose, lichenin, and cellulose. V. I. Glazkov Dokl. AN SSSR 142 no 2 387-388 Ja '62

MACROMOLECULAR COMPOUNDS—TOXICOLOGY

Conference on the toxicology of high molecular weight compounds and chemical raw materials used for their synthesis V. D. Bartenev. Gig. truda i prof. zab. 6 no 1;62-63 Ja '62.

MACTRIDAE, FOSSIL see subdivision under Mangyshlak Peninsula; Ust-Urt

MADAGASCAR see Malagasy Republic

MAGI

Mystery of Magi. A. Men'. Zhur. Mosk. Patr. no. 1 60-67 Ja '62.

MAGNESIA

Mechanism of boron absorption by magnesium oxide P. F. Rza-zade. Dokl. AN Azerb. SSR 17 no 11:1027-1031 '61.

MAGNESIUM—ELECTROMETALLURGY

Ivanov, A. I., V. V. Krivoruchenko, and V. A. Il'ichev. [Electrolytic production of magnesium] Proizvodstvo magniia elektrolizom. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1962. 264 p.

MAGNESIUM —SPECTRA

Oscillator forces of the spectral lines of magnesium, strontium, and barium N. P. Penkin, L. N. Shabanova Opt. i spektr. 12 no. 1:3-11 Ja '62.

MAGNESIUM ALLOYS

Crystalline structures of the compounds Ba_2Mg_{17} and Sr_2Mg_{17}. P. I. Kripiakevich, V. I. Evdokimenko Kristallografiia 7 no 1:31-42 Ja-F '62

MAGNESIUM-ALUMINUM ALLOYS see Aluminum-magnesium alloys

MAGNESIUM-COPPER-ALUMINUM ALLOYS see Copper-aluminum-magnesium alloys

MAGNESIUM IN THE BODY

Spectrographic method of determining magnesium in the blood. M. V. Nifontova Lab. delo 8 no. 2 27-30 F '62.

MAGNESIUM ORGANIC COMPOUNDS

Chemical activity sterically unhindered. Part I; Reaction of halomagnesium aryls with chloro-substituted ethers. I. I. Lapkin, R. G. Makhina. Zhur. ob. khim. 31 no. 12;4001-4006 D '61.

MAGNESIUM TITANATES

Thermodynamic characteristics of zirconium dioxide, zircon, aluminum titanates, and magnesium titanates [with summary in English]. A. S. Berezhnoi. Dop. AN URSR no. 1,65-68 '62.

MAGNESIUM TITANATES—ELECTRIC PROPERTIES

Electroconductivity of magnesium and zinc titanates induced by neutron irradiation. L. K. Vodop'ianov Fiz. tver. tela 4 no. 1:74-76 Ja '62.

MAGNETIC AMPLIFIERS

Arrangement and operation of the magnetic amplifier. M. I. Aronov, IU. N. Plutser-Sarno. Elek. i tepl. tiaga 6 no. 2,28-30 F '62

Determination of simultaneous magnetization characteristics in the design of magnetic amplifiers. B. E. Kubyshin. Sbor. trud. Inst. elektrotekh. AN URSR no. 18;63-77 '61.

MAGNETIC AMPLIFIERS (Continued)

Glukhov, V. P., and F. A. Jakutaitis. [Physical simulation of choke-type magnetic amplifiers] Fizicheskoe modelirovanie drossel'nykh magnitnykh usilitelei. Riga, Izd-vo Akad. nauk Latviiskoi SSR, 1961. 191 p.

Hary, V. [Regulating the speed of electric motors by means of magnetic amplifiers] Elektrimootorite kiiruse reguleerimine magnetvoimendjate abil. Tallinn, Eesti NSV Ministrite Noukogu Riiklik Teadusliik-Tehnilise Komitee, 1960. 29 p. [In Estonian]

UM, 3P magnetic amplifiers. Prom energ 17 no. 3:62 Mr '62

MAGNETIC ANOMALIES
(see also subdivision under Volodarka District)

Discovery of an inner radiation belt at an altitude of 320 km in the region of the South Atlantic magnetic anomaly. S. N. Vernov and others. Dokl. AN SSSR 140 no. 5 1041-1044 O '61

Granitization of rocks in the Orekhov-Pavlograd region of magnetic anomalies. L. R. Kazakov. Geol. zhur. 21 no. 6:89-97 '61

Interpretation theory of magnetic anomalies. A. A. Nepomnyashchikh. Izv. vys. ucheb. zav., geol. i razv. 5 no. 1 94-113 Ja '62

Using geometrical forms of zero isolines ∂Z(P)/∂h in interpreting magnetic anomalies. I. M. Pudovkin, V. I. Koleso'a. Geomag. i aer. 1 no. 6 965-980 N-D '61

MAGNETIC FIELDS

Combined resonance in metals. M. IA. Azbel'. Fiz. tver. tela 4 no. 2 568-570 F '62.

Concerning the standardization of magnetic characteristics in varying magnetic fields with a commercial frequency. I. M. Rozhanovskii. Sbor. trud. Inst. elektrotekh. AN URSR no. 18:3-18 '61

Effect of a high field on a p-n-junction. G. V. Gordeev. Fiz. tver. tela 4 no. 2:317-328 F '62.

Effect of a magnetic field on surface waves in a conducting fluid. V. G. Levich, IU. IA. Gurevich. Dokl. AN SSSR 143 no. 1 64-67 Mr '62

Effect of the magnetic field of a weld contour on the shape of joints welded inside of pipes. S. L. Mandel'berg, V. E. Lopata. Avtom. svar. 15 no. 3 1-6 Mr '62

Electrodynamic generation of shock waves. I. M. Zolotorubov, IU. M. Nozikov, V. A. Kiselev. Zhur. tekh. fiz. 32 no. 2 253-255 F '62

Example of a toroidal magnetic field lacking magnetic surfaces. I. M. Gel'fand and others. Dokl. AN SSSR 143 no. 1 81-83 Mr '62

Influence of elastic deformation on the magnetocaloric effect in the region of rotational fields. A. S. Pakhomov. Vest. Mosk. un. Ser. 3 Fiz., astron. 17 no. 1:3-6 Ja-F '62.

Instability of a plasma in a toroidal discharge excited by a traveling electromagnetic field [with summary in English]. R. A. Demirkhanov and others. Zhur. eksp. i teor. fiz. 42 no. 2:338-343 F '62

Measuring electron mobility on the basis of plasma resistance in a magnetic field [with summary in English]. G. E. Pikus, N. S. Skvortsov, V. G. IUr'ev. Zhur. eksp. i teor. fiz. 42 no. 2:330-337 F '62.

Measuring the concentration of charged particles in a strong pulse high-frequency discharge with a traveling magnetic field. R. Kh. Demirkhanov, N. I. Leont'ev, I. A. Kosyi. Zhur. tekh. fiz. 32 no. 2 180-184 F '62

Movement of a plasma bundle along guiding electrodes. A. K. Musin. Radiotekh. i elektron. 7 no. 3 547-556 Mr '62

Photo-Hall effect and photoconductivity in a magnetic field. V. N. Dobrovol'skii. Fiz. tver. tela 4 no. 2 329-335 F '62.

Physical principles of casting in a rotating magnetic field. M. I. Kurbatov. Lit. proizv. no. 2:30-32 F '62

Practicable method for injecting a plasma into closed magnetic traps. V. Ts. Tolok, K. D. Sinel'nikov. Zhur. tekh. fiz. 32 no. 2 248-249 F '62

Propagation of nonlinear plasma oscillations along a magnetic field. Part 1. A. D. Pataraia. Zhur. tekh. fiz. [illegible]

[illegible]spended magnetite layer in a [illegible]mary in English]. M. Filippov. [illegible] 73 '62.

[illegible] relaxation and plasma con[illegible]tic field [with summary in [illegible]d others. Zhur. eksp. i teor. [illegible]'62.

[illegible] gas discharge in a longitu[illegible] Zaitsev, M. IA. Vasil'eva. [illegible] 3:557-565 Mr '62

[illegible]real of thin ferromagnetic [illegible]. Rodichev, E. N. Rumanov. [illegible] no. 2 296-299 F '62.

REMENT
hecking frame-type field
in induction and radiation
ly inst. Kom. stand., mer i
81.
ng alternating magnetic
. tekh. no. 3:42-44 Mr '62.

gnetic inductivity of aniso[illegible]dio frequencies. A. L. [illegible]', fiz. 26 no. 2:303-305 F

Memory effect on ferrites. V. V. Potemkin, IU. V. Vasil'ev. Dokl. AN SSSR 140 no. 5:1051-1053 O '61

Study of the possibility of transporting spherical conductive objects by a traveling magnetic field. D. Dobrialkov and others. Izv. AN Latv. SSR no. 12 55-60 '61

Theoretical study of the magnetic inductivity of anisotropic thin magnetic films. A. L. Frumkin. Izv. AN SSSR Ser. fiz. 26 no. 2 299-303 F '62

MAGNETIC MATERIALS

Concerning the choice of permanent magnet materials for magnetic systems. S. T. Usatenko. Sbor. trud. Inst. elektrotekh. AN URSR no. 18:45-52 '61.

Concerning the standardization of magnetic characteristics in varying magnetic fields with a commercial frequency. I. M. Rozhanovskii. Sbor. trud. Inst. elektrotekh. AN URSR no. 18:3-15 '61

Effective magnetic permeability of a suspended ferromagnetic layer [with summary in English]. M. Filippov. Izv. AN Latv. SSR no. 12 52-54 '61.

Ferroelectrics-antiferromagnetics. V. A. Bokov, I. E. Myl'nikova, G. A. Smolenskii. Zhur. eksp. i teor. fiz. 42 no. 2:643-646 F '62

Neutron diffraction study of magnetic materials. G. S. Zhdanov, R. P. Ozerov. Usp. fiz. nauk 76 no. 2: 239-282 F '62.

Study of the possibility of transporting spherical conductive objects by a traveling magnetic field. D. Dobrialkov and others. Izv. AN Latv. SSR no. 12 55-60 '61

MAGNETIC MATERIALS—MEASUREMENT

Study of the existing methods for measuring the magnetic permeability of circular objects. V. P. Karpenko, G. I. Liubchenko. Sbor. trud. Inst. elektrotekh. AN URSR no. 18:80-95 '61.

Use of the Hall effect for determining the coercive forces of magnetically soft materials. N. E. Fevraleva, S. G. Taranov. Sbor. trud. Inst. elektrotekh. AN URSR no. 10: 102-110 '61.

MAGNETIC MATERIALS—TESTING

Distribution of field stresses and magnetic inductance along the length of a magnet shorted by a magnetic circuit. N. E. Fevraleva, S. T. Usatenko. Sbor. trud. Inst. elektrotekh. AN URSR no. 18:78-83 '61.

MAGNETIC MATERIALS—THERMAL PROPERTIES

Behavior of the domain structure of thin ferromagnetic films at different temperatures. L. V. Kirenskii, S. V. Kan, M. K. Savchenko. Izv. AN SSSR. Ser. fiz. 26 no. 2 310-314 F '62.

Theory of the heat conductivity of antiferromagnetics at low temperatures. G. I. Urushadze. Fiz. tver. tela 4 no. 2:350-356 F '62.

MAGNETIC MEASUREMENTS
(see also subdivision under Ashkhabad)

Balanced selective amplifier for magnetic measurements operating on 1 mc. frequency. S. S. Khrizman, G. I. Gurskii. Sbor. trud. Inst. elektrotekh. AN URSR no. 18, 115-118 '61.

Device for testing the magnetic permeability of a permalloy. S. G. Taranov, S. T. Usatenko. Sbor. trud. Inst. elektrotekh. AN URSR no. 18:119-121 '61.

Problem concerning the design of a differential calorimeter for magnetic measurements. V. P. Karpenko, G. I. Liubchenko. Sbor. trud. Inst. elektrotekh. AN URSR no. 18:96-101 '61.

Sensitive X-meter. K. S. Burakov, V. I. Dianov-Klokov. Izv. AN SSSR Ser. geofiz. no. 2 210-212 F '62.

Use of indium arsenite in Hall transducers. S. G. Taranov. Sbor. trud. Inst. elektrotekh. AN URSR no. 18:58-62 '61.

MAGNETIC MEMORY (CALCULATING MACHINES)

Control of magnetic recording heads without using electron tube components. R. IA. Chernik, I. P. Okulova. Zbir. prats' z obchys. mat. i tekh. 2:96-101 '61.

Memory device for a controlling machine. F. N. Zikov. Zbir. prats' z obchys. mat. i tekh. 3:104-110 '61.

Optical calculating machines. IU. Kalinin. IUn. tekh. 6 no. 1 26 Ja '62.

Passive transformer memory device. A. I. Koudelev. Zbir. prats' z obchys. mat. i tekh. 3:17-24 '61

Vizun, IU. I. [Study of problems concerning the design of permanent magnetic memory devices] Issledovanie voprosov postroeniia magnitnykh zadaiushchikh ustroistv. Moskva, In-t tochnoi mekhaniki i vuchislitel'noi tekhn. Akad. nauk SSSR, 1957. 37 p.

MAGNETIC PROSPECTING
(see also subdivision under Dnieper Valley; Siberia, Western; Ural Mountains)

Analytical continuation of two-dimensional potential fields and its use in solving inverse problems in magnetic and gravity prospecting. Report No 1. V. N. Strakhov. Izv. AN SSSR. Ser. geofiz. no. 3:307-316 Mr '62

Analytical continuation of two-dimensional potential fields and its use in solving inverse problems in magnetic and gravity prospecting. Report No 2. V. N. Strakhov. Izv. AN SSSR. Ser. geofiz. no. 3 336-347 Mr '62.

Charts of theoretical curves for the interpretation of magnetic field measurements at different heights. V. A. Larionov. Trudy Inst. geol. i geofiz. Sib. otd. AN SSSR no. 11:99-108 '61.

Defining the elements determining the location of an elongated ellipsoid of revolution from gravity and magnetic observations. N. I. Gel'fand. Trudy Inst. geol. i geofiz. Sib. otd. AN SSSR no. 11:119-124 '61

Detecting local structures by a combined analysis of gravity and magnetic anomalies. E. D. Chernova. Trudy Inst. geol. i geofiz. Sib. otd. AN SSSR no. 11:159-166 '61.

Determination of the cover thickness of magnetized bodies based on the characteristic points of the Za curve. V. K. Platnitskii. Trudy Inst. geol. i geofiz. Sib. otd. AN SSSR no. 1:25-28 '60.

Determining the cover thickness of the upper part of the surface of magnetized bodies having ball and horizontal cylinder shapes. L. IA. Pivovednikov. Trudy Inst. geol. i geofiz. Sib. otd. AN SSSR no. 1:124-126 '60

Equation of the intensity of the magnetic field of certain bodies having a regular form at an inclined line of observation. B. D. Mikov. Trudy Inst. geol. i geofiz. Sib. otd. AN SSSR no. 1:69-94 '60

Fundamental problems of the method of a combined analysis of magnetic and gravity anomalies. G. I. Karataev. Trudy Inst. geol. i geofiz. Sib. otd. AN SSSR no. 11:127-157 '61.

General analytical expression of the intensity of magnetic field ΔT. A. A. Logachev. Zap. LGI 30 no. [illegible] 45 '61

Graphs for determining abnormal values of the horizontal component of the geomagnetic field and the projection on the calculated profile. V. N. Lugovenko. Geomag. i aer. 1 no. 6 1009-1014 N-D '61.

Interpretation of magnetic anomalies by means of higher derivatives of the magnetic potential. I. I. Gel'fand. Trudy Inst. geol. i geofiz. Sib. otd. AN SSSR no. 1:45-74 '60

Interpretation of magnetic anomalies under conditions of a complex relief of the terrain. B. D. Mikov. Trudy Inst. geol. i geofiz. Sib. otd. AN SSSR no. 11:67-90 '61

Method for interpreting magnetic anomalies based on the vertical and horizontal Za gradients. O. A. Sobol'. Trudy Inst. geol. i geofiz. Sib. otd. AN SSSR no. 1:45-54 '60

Method for the determination of the $\frac{1}{\alpha}$ ration for oblong magnetized bodies of arbitrary shape based on the Za and Vzx values. O. A. Solov'ev. Trudy Inst. geol. i geofiz. Sib. otd. AN SSSR no. 1:21-24 '60.

New method for determining elements of the magnetic field in the upper half-space from the given distribution of the vertical component ΔZ on a plane. M. I. [illegible] V. N. Strakhov. Izv. AN SSSR. Ser. geofiz. no. [illegible] Mr '62.

One integral method of interpreting gravity and magnetic anomalies. E. G. Bulakh, L. G. Evalkova. Izv. AN SSSR. Ser. geofiz. no. 1:90-94 Ja '62.

Rapid method for determining the elements of the magnetic field of some bodies having a regular form. B. D. Mikov. Trudy Inst. geol. i geofiz. Sib. otd. AN SSSR no. 1:59-67 '60.

Tangent method. V. K. Platnitskii. Trudy Inst. geol. i geofiz. Sib. otd. AN SSSR no. 11:109-118 '61.

Use of higher derivatives of magnetic potential in the magnetic survey. A. A. Logachev. Zap. LGI 30 no. 25-46 '61.

Using OVKA templates for interpreting magnetic anomalies in vertical layers. G. P. Kuznetsov. Trudy Inst. geol. i geofiz. Sib. otd. AN SSSR no. 1 151-153 '60

MAGNETIC RECORDERS AND RECORDING

New possibilities for using magnetic recording in the manufacture of instruments. A. I. Naidenov. Izv. vys. ucheb. zav., prib. 5 no. 1:31-39 '62.

MAGNETIC RESONANCE ACCELERATOR see Cyclotron

MAGNETIC SEPARATION OF ORES

Dressing and refining titanium concentrates by reduction roasting in induction furnaces with subsequent magnetic separation. A. I. Izmodenov, IU. A. Izmodenov. Tsvet. metallurgiia i ego splavy no. 5:34-37 '61.

MAGNETIC STORMS

Mean and total characteristics of geomagnetic storms in 1878-1953. M. S. Babushkov, M. S. Nigenson. TSentr. Astron. obser. L'viv, Un. no. 20:1-13 '60

MAGNETIC TESTING

Electrical equilibration of ferromagnetic probes for magnetic flaw detection. L. I. Kifer, M. S. TSopilaeva, V. L. Shatunovskii. Zav. lab. 28 no. 1 105-107 '62

Special features of the magnetic testing of thin coatings on bimetallic materials. G. M. Kukhtevich, N. A. Fiz[illegible]enko, L. S. Amelina. Zav. lab. 28 no. 1:71-72 '62

The UMDE10, 000 and UMDE2500 magnetic flaw detectors. P. G. Mikhaevich. Biul. tekh.-ekon. inform. no. 1:42-46 '62.

MAGNETISM, TERRESTRIAL
(see also subdivision under Arctic regions)

The controlling role of geomagnetic time in the development of magnetic disturbances. A. P. Nikol'skii. Geomag. i aer. 1 no. 6:955-958 N-D '61.

MAGNETISM, TERRESTRIAL (Continued)
The earth is a huge magnet B. Liakhov. IUn tekh 6 no 1:43-46 Ja '62
Relation between Class 3 and 3b chromosphere flares and geomagnetic disturbances. V. P Kuleshova Geomag. i aer. 1 no. 6 930-932 N-D '61
Relationship between short-period variations of the earth's electromagnetic field and auroras. V. A. Troitskaia, L. V. Al'perovich, N. V. Dzhordzhio Izv AN SSSR, Ser. geofiz no 2 262-270 F '62.

MAGNETITE
(see also subdivision under Kerch Peninsula)
Pseudofluidization of a suspended magnetite layer in a magnetic field [with summary in English] M Filippov Izv. AN Latv SSR no. 1 69-73 '62.
Resistance and expansion of a suspended magnetite layer in a magnetic field [with summaries in English and German] M Filippov. Izv AN Latv SSR no 12 47-51 '61.
Seismomagnetic method of prospecting for deep magnetic bodies. O A. Savadskii. Geol. i geofiz no. 11:120-121 '61.

MAGNETITE—METALLURGY
Dressing and metallurgical estimate of titanium-magnetite ores. S. M. Buchel'nikov, B. Z. Kudinov, V. A. Kiselev. Titan i ego splavy no. 5:38-49 '61
Metallurgical estimate of ilmenite and titanium-magnetite ores. E. B. Dmitrovskii, V. A. Reznichenko. Titan i ego splavy no. 5:28-33 '61.
Metallurgical estimate of macrocrystalline titanium-magnetite ores E. B. Dmitrovskii, V. A. Reznichenko Titan i ego splavy no. 5:20-27 '61.

MAGNETOHYDRODYNAMICS
Splitting of nonevolutional magnetohydrodynamic shock waves V V Gogosov Dokl AN SSSR 142 no 2:292-295 Ja '62.
Thermodynamic analysis of the thermal system of a magnetohydrodynamic generator. D. P. Gokhshtein. Teploenergetika 8 no 3:51-56 Mr '62.

MAGNETS
Effect of the mechanical treatment of an ANK $_{6}$4 alloy on its magnetic properties. S. T. Usatenko Sbor. trud Inst. elektrotekh. AN URSR no. 18:122-124 '61.
Results of a certain observation on the stability of permanent magnets. IA. F Nepokrytyi. Sbor trud. elektrotekh. AN URSR no. 18:125-127 '61

MAGNETS—MEASUREMENT
Use of the Hall effect for measuring the field strength of permanent magnets. N E. Fevraleva. Sbor. trud. Inst. elektrotekh. AN URSR no. 18:53-57 '61.

MAGNETS—TESTING
Testing of magnets with complex shape. N. E. Fevraleva, IA. F. Nepokrytyi, B. F. Ol'khovskii. Sbor. trud. Inst. elektrotekh. AN URSR no. 18:84-89 '61

MAIKOP—OLD AGE HOMES
Therapy. O. Il'in. Sots. obesp. 23 no. 1:27-30 Ja '62.

MAIL-ORDER BUSINESS
How to order books by mail. Uchet i fin. v kolkhoz. i sovkhoz. 19 no. 2:62 F '62.

MAILLOL, ARISTIDE, 1861-1944
Aristide Maillol, on the centennial of his birth. A. Chegodaev. Iskusstvo 25 no. 1:53-61 '62.

MAIZE see Corn (Maize)

MAKHACHKALA—LABOR COURTS
A council of the chairmen of fellow workers' courts. IU. Istomin. Sov. just. no. 4:25 F '62.

MAKHAR VALLEY—MINERAL WATERS
Formation of some mineral waters in the region of the central Caucasus. G. S. Konovalov and others. Gidrokhim. mat. 34:107-113 '61.

MAKSIMOVICH, NIKOLAI ALEKSANDROVICH, 1804-1873
N. A. Maksimovich as archaeographer. V. U. Pavelko. Ukr. ist. zhur. 6 no. 1:97-102 Ja-F '62.
"N. A. Maksimovich's philosophy" by D. Ostrianyn. Reviewed by P. M. Popov, S. P. Shudryk. Ukr. ist. zhur. 6 no. 2:123-125 Mr-Ap '62.

MALAGASY REPUBLIC—HISTORY
Bolteau, Pierre. [Madagascar; studies on the history of the Malagasy nation. Translated from the French] Madagaskar; ocherki po istorii mal'gashskoi natsii. Moskva, Izd-vo vostochnoi lit-ry, 1961. 434 p.
Subbotin, V. A. [French colonial expansion in the late 19th century; Equatorial Africa and the islands of the Indian Ocean] Frantsuzskaia kolonial'naia ekspansiia v kontse XIX v.; Ekvatorial'naia Africa i ostrova Indiiskogo okeana. Moskva, Izd-vo vostochnoi lit-ry, 1962. 165 p.

MALARIA
Clinical aspects of lesions of the 8th pair of nerves in the comatose and precomatose forms of malaria. E. A. Ladyzhenskaia. Med. zhur. Uzb. no. 3:54-56 Mr '60.

MALAYA ALMAATINKA VALLEY—THAWING
Intensity of the spring melting of snow in mountains. R. A. Men'shikov. Sbor. rab po gidrol no 1:158-159 '59.

MALEIC ACID
Translsomerization of dimethyl maleic under the influence of free radicals E. B. Milovskaia, O. V. Sokolova, D. L. Erusalimskii. Zhur ob khim 32 no 2:621-626 F '62.

MALEIC ANHYDRIDE
Reactivity of Δ -3- and Δ -2-p-menthenes to maleic anhydride and azodicarboxylic ester in comparison with their capacity to autoxidation. K. A. Pecherskaia, R I Beliakova Zhidkofaz. okis nepr. org. soed. no 1:145-150 '61.
Stereochemistry of cyclic compounds. Part 43: Stereochemistry of the diene condensation of trans-1-vinyl-6-acetoxy-9-methyl-Δ¹-octalin with maleic anhydride, and some transformations of dicarboxylic acids of the phenanthrene series I. A. Gurvich, I. M. Mil'shtein, V. F. Kucherov Zhur. ob. khim 31 no 12,3939-3945 D '61.

MALNUTRITION
Changes in the lipid content of parenchymatous liver cells during partial starvation. G. G. Samsonidze Soob. AN Gruz. SSR 27 no 6:771-774 D '61.

MALONIC ACID
Monosaccharides. Part 2: Reaction of methyl-2, 3-anhydro-4,6-benzylidene-α-D-alloside with sodium malonic ester. N. K. Kochetkov, L. I. Kudriashev, A. P. Kilagina. Zhur ob. khim 32 no 2,410-413 F '62.

MAL'TA (SIBERIA)—DWELLINGS
Round dwelling on the ancient site of Mal'ta. M. M. Gerasimov. Krat. soob. Inst. arkheol. no. 82 128-134 '61.

MAL'TA (SIBERIA)—STONE AGE
Round dwelling on the ancient site of Mal'ta. M. M. Gerasimov. Krat. soob. Inst. arkheol. no. 82:128-134 '61.

MAMAKAN—CONSTRUCTION INDUSTRY—ACCOUNTING
Simplify timekeeping accounting. G. Zhdanov. Bukhg. uchet 19 no. 1:43-45 Ja '62.

MAMEDALIEV, IUSIF GEIDAROVICH, 1905-1961
IU. G Mamedaliev; obituary. Vest AN SSSR 32 no 2:101-102 F '62.
IUsif Geidarovich Mamedaliev. Neftekhimiia 1 no. 5:710-717 S-O '61.
IUsif Geidarovich Mamedaliev; obituary [parallel texts in Azerbaijani and Russian]. E. N. Alikharov and others Dokl. AN Azerb. SSR 17 no. 12:1123-1126 '61.

MAMMALS, FOSSIL see subdivision under Zaysan Lake region

MAMMARY GLANDS—CANCER
Practical value of studies in punctate cytology in the diagnosis of cancer of the mammary gland. E. G. Shneider. Nov. khir. arkh no. 4:89-94 Jl-Ag '60.

MAMMOTH see subdivision under Chekurovka region; Lvov region

MAN—ORIGIN
(see also subdivision under Australia; Kama Valley; Volga Valley)
"The foundation of human evolution" [in English], by W E Le Gros Clark. Reviewed by T. D. Gladkova. Vop. antr no. 8 166-169 '61.
Lessons on the topic "Origin of man." E. N. Zhudro. Biol. v shkole no. 2:23-25 Mr-Ap '62.
"Mankind in the Making" [in English] by William Howells. Reviewed by V. V. Bunak. Vop. antr. no. 5:158 '60.
The origin of language elements in the course of anthropogenesis. V. A. Golovin Vop. antr. no. 8:144-151 '61.

MAN, PREHISTORIC
"Mankind in the Making" [in English] by William Howells. Reviewed by V. V. Bunak. Vop. antr. no. 5:160 '60.
Population of the European part of the U. S. S. R. in the late Paleolithic and Mesolithic periods. V. P. IAkimov. Vop. antr. no. 7:23-29 '61.
"World prehistory" [in English] by Grahame Clark. Reviewed by A. IA. Briusov. Sov. arkheol. 6 no. 1:305-309 '62.

MANGANESE
(see also subdivision under Bakony Mountains)
$\beta\gamma$-correlations in β-decay of Mn^{56} and F^{20} [with summary in English]. V. M. Lobashev, V. A. Nazarenko. Zhur. eksp. i teor. fiz. 42 no. 2:370-374 F '62.
Inelastic scattering of 6.8 Mev. protons on Ca^{40} and Mn^{55} nuclei [with summary in English]. S. S. Vasil'ev, E. A. Romanovskii, G. F. Timushev. Zhur. eksp. i teor. fiz. 42 no. 2:395-402 F '62.
Manganese content in the straw and grain of cereal crops cultivated in TSelinograd and Karaganda Provinces. P. G. Grabarov, S. K. Kul'kina. Izv. AN Kazakh. SSR. Ser. bot. i pochv. no. 2:94-97 '61.
Manganothermal method of producing manganese-bismuth intermetallic compounds E M. Natanson, V V. Bushin, A F Shevtsova Dokl AN SSSR 143 no. 1 126-129 Mr '62

MANGANESE—TOXICOLOGY
Some electroencephalographic indices in chronic manganese intoxication. D A Ginzburg. Gig. truda i prof zab. no. 2 37-43 '62.

MANGANESE-BISMUTH ALLOYS—MAGNETIC PROPERTIES
Temperature dependence of the transient domain structure in small particles of the Mn-Bi alloy. A A. Glazer, E. V. Shtol'ts, IA. S. Shur. Izv. AN SSSR. Ser. fiz. 26 no 2 266-269 F '62.

MANGANESE MINES AND MINING—EQUIPMENT AND SUPPLIES see subdivision under Chiatura region; Nikopol' region

MANGANESE ORES see subdivision under Georgia; Kazakhstan; Ukraine; Zaporozh'ye Province

MANGANESE ORES—STANDARDS
Meeting of the Committee ISO/TK 65 "Manganese ores." V. K. Sidorov Standartizatsiia 26 no 2:60-61 F '62

MANGANESE-SILICON-ALUMINUM ALLOYS see Aluminum-manganese-silicon alloys

MANGYSHLAK PENINSULA—MACTRIDAE, FOSSIL
Variability and taxonomy of Sarmatian Mactra in the Mangyshlak and Ust-Urt. N. P. Paramonova. Biul. MOIP. Otd. geol. 37 no. 1:153-154 Ja-F '62.

MANGYSHLAK PENINSULA—WATER SUPPLY
This is necessary for the development of Mangyshlak resources. S. Bobylev. Nar. khoz. Kazakh. 19 no. 12:79-82 D '61.

MANIC-DEPRESSIVE PSYCHOSES
Clinical aspects and course of manic-depressive psychosis. R. G. Ilesheva Zdrav. Kazakh. 21 no. 10:30-33 '61

MANOMETER
Apparatus for determining the permeability to air of textile fabrics. I. A Daniliuk and others Tekst. prom. 21 no. 12:68-69 D '61.
Conference of the secretariat "Manometr" of the International Organization of Legislative Metrology. P. P. Arapov. Izm. tekh. no. 2:60-61 F '62.
Membrane manometer with clock type dial. N. N Bezuglov, G. G. Lartsev. Ugol' 37 no. 2:33-34 F '62.

MANOMETER—TESTING
Effect of temperature on the readings of differential manometers and flowmeters. S. S. Kivilis, V. D. Olcinikov. Izm tekh. no. 3:53-55 Mr '62.
Oleo-pneumatic unit for testing standard manometers. M. I. Chistiakov. Izm. tekh no. 3:16-17 Mr '62.

MANORS see subdivision under Great Britain

MANUAL TRAINING
(see also subdivision under Kazan)
Development of calculating, measuring and graphic skills in grade 3-4 manual training lessons S. F. Trifonov. Nach. shkola 30 no. 3:40-44 Mr '62.
Increasing labor productivity in school workshops. K. Roslov. Prof.-tekh. obr. 19 no. 2:10 F '62.
Method of manual training in schools. G. I. Krit. Dokl. APN 5 no. 2:5-8 '61.
Methods of studying the process of elementary work skills in students. R. A. Nizamov. Dokl. APN 5 no. 2:25-28 '61.
Role of production work in communist education. G. M. Strelkovskii. Shkola i proizv. 6 no. 2:7-11 F '62.
Russia (1917- R.S.F.S.R.) Programmno-metodicheskoe upravlenie. [Program of secondary schools for the 1961-1962 school year; fundamentals of production and production practice in grades nine and ten] Programmy srednei shkoly na 1961/62 uchebnyi god; osnovy proizvodstva i proizvodstvennaia praktika v IX-X klassakh. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 127 p.
Self-control in the work activities of students. V. I. Strakhov. Sov. pedag. 26 no. 2:46-54 F '62.
Some ways and methods to develop students' observation in manual training classes. M. N. Gliavin Dokl. APN 5 no. 2:9-12 '61.
With a spark in his heart. IU. Novikova. Nauka i zhizn' 28 no. 12:82-84 D '61.

MANUAL TRAINING—BIBLIOGRAPHY see Bibliography—Manual training

MANUAL TRAINING—PHYSIOLOGICAL EFFECT
Effect of work lessons in the boarding school on the higher nervous activity of the students. K. S. Politova. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. 8:50-57 '61.

MANUFACTURES
From the editor's mail. Mest. prom. i khud. promys. 3 no. 1:38 Ja '62.
Prospects of the expansion of light industries during the period from 1959 to 1965. I. B. Buss, T. A. Gryzlova. Nauch. trudy MTILP no. 18:26-40 '60.

MANUSCRIPTS see subdivision under France

MANUSCRIPTS—BIBLIOGRAPHY see Bibliography—Manuscripts

MANUSCRIPTS—CONSERVATION AND RESTORATION
How Lenin's documents are being searched for and preserved M. Veselina [Un tekh 6 no. 1,12-15 Ja '62

MAO DUN', pseud. see Shen, Yen-Ping, 1896-

MAPLE
Seasonal development of red maple N A. Zakharova. Biul.Glav bot sada no. 43;28-33 '61.

MAPS, TOPOGRAPHIC
Study of topographical maps in schools. A. M. Kuprin. Geog v shkole 25 no 2-28-31 Mr-Ap '62.

MAPS, WORLD see World maps

MARCHENKO, ALEKSANDR PORFIROVYCH
School honors the memory of a hero A. M Voloshyna. Rad. shk. 40 no. 2-45-47 F '62.

MARCHING
"Training of units for assault from the march" by P S Vashurin Voen vest 41 no 10 126 O '61

MARGELAN—TEXTILE WORKERS—DISEASES AND HYGIENE
Diseases involving temporary incapacity among workers of the Margelan silk combine. T. Z. Khasanov Med zhur Uzb. no 12 34-35 D '61

MARINE AIDS see Aids to navigation

MARINE BIOLOGY
Role of organisms in the precipitation of carbonates from natural waters. O. A. Alekin, N. P. Moricheva Gidrokhim. mat. 34;95-106 '61
Treasures of the ocean. B. Liapunov. Nauka i zhyttia 11 no. 1;41-43 Ja '62

MARINE BOILERS see Steam-boilers, Marine

MARINE DIESEL ENGINES
Evaluating the quality of transient conditions in main marine diesel engines with an all-conditions governor A. Kozminykh Mor. flot 22 no 3 26-28 Mr '62.
Method of burner adjustment directly on the engine. A Sadkov Mor flot 22 no 3 37 Mr '62
Performance of the main power plant of motorships of the "Mikhail Kalinin" type M. I. Korchagin. Inform. sbor. TSNIIMF no. 52 Tekh. ekspl. mor. flota no 5;3-16 '60.
Study of the main marine power plant of the motorship "Ugleural'sk." V. A. Khromykh, A. G. El'nik. Inform. sbor. TSNIIMF no 52. Tekh ekspl mor. flota no. 5. 49-60 '60

MARINE ENGINEERING
Design of supports and rotors with rolling bearings. E V. Korovkin. Trudy LKI no. 31 75-85 '60.
Determination of the theoretical discharge through a nozzle row of blades. *Iu I. Mitlushkin.* Trudy LKI no. 31 87-94 '60
Device for experimental study of sliding journal bearings. V. A. Nechiporenko Trudy LKI no. 31;95-104 '60.
Effect of distortion processes on the shaping of the actual profile of shafts and cylinder bushings. S. P. Semenov. Trudy LKI no. 32 87-96 '60.
[Marine engineering handbook for the *operation of motorships*] Spravochnik dlia mekhanika i motorista teplokhoda. Sost. E. S. Leont'evskii i N. N. Renskii. Moskva, Izd-vo "Rechnoi transport," 1961. 558 p.
Prospects for the utilization of pneumatic automation equipment in automatic control systems on ships V. A. Potiaev. Trudy LKI no. 32-77-86 '60.
Vasil'ev, D. V., V. A. Mikhailov, and B. I. Norneyskii. [*Automatic control systems for ships*] Sudovye avtomatizirovannye ustanovki. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1961. 595 p.

MARINE ENGINES
Lakhanin, V. V., and A. N. Khoze. [General heat engineering; thermodynamics and *marine power plants*] Obshchaia teplotekhnika; termodinamika i sudovye silovye ustanovki. Moskva, Izd-vo "Rechnoi transport," 1961. 300 p.
Power plant of the steamship "Leninskii Komsomol," N. A. Rozhdestvenskii, B. M. Levin. Inform. sbor. TSNIIMF no. 52. Tekh. ekspl. mor. flota no. 5;10-48 '60
Work of the main engine of medium fishing trawlers during the trawling of benthic fishes. G. D. Alekseev. Ryb. khoz. 38 no. 2;28-34 '62.

MARINE ENGINES—MAINTENANCE AND REPAIR
Marenkov, N. A. [Determining defects in main marine engines by inspection for preventive maintenance] Opredelenie *defektov* glavnykh sudovykh mekhanizmov pri profilakticheskikh osmotrakh. Leningrad, Izd-vo "Morskoi transport," 1961. 342 p.
Voznitskii, L. V., and L. A. Ivanov. [*Breakdown* of internal combustion marine engines] Avarii sudovykh dvigatelei vnutrennego sgoraniia. Moskva, Izd-vo "Morskoi transport," 1961. 240 p.

MARINE FAUNA
Submarine trophies. O. Khludova. Vokrug sveta no. 4-27-30 Ap '61.

MARINE PIPE FITTING
Making more precise the method of constructing a graph for assembling the hull and installing the pipes of a ship. Liu Iun-kan [Liu Yung-k'ang] Trudy LKI no 31-21-30 '60.

MARINE RESOURCES
Twenty-second Congress of the CPSU and economic problems in the *study* of seas and oceans. Okeanologiia 2 no. 1 3-8 '62

MARINE TURBINES—VIBRATIONS
Prokof'ev, K. A., IU. A. Samsonov, and S. K. Chernov. [Vibrations in the parts of marine turbomachine units] Vibratsiia detalei sudovykh turboagregatov. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl. Vol. 1. 1961. 550 p.

MARITSA VALLEY—ELECTRIC POWER PLANTS
Creators of a rainbow. Vasil Popov. Vokrug sveta no 1 45 Ja '62.

MARKHA RIVER—ISLANDS
Formation and development of islands in the channel of the Markha River V. G Noskov Trudy GGI no. 88 77-90 '61.

MARKING DEVICES
Pneumatic press for indenting inscriptions. I. P. Lipovol. Mashinostroitel' no. 2;25 F '62.

MARKOV PROCESSES
Large deviations for homogeneous Markov chains with a continuum of possible states. B. Zhanbyraev. Vest. AN Kazakh. SSR 18 no. 1;96-98 Ja '62.

MARMYSHEVA, OL'GA PETROVNA, 1910-
Ol'ga Petrovna Marmysheva. Med. sestra 20 no. 11,60-61 N '61.

MARRIAGE CUSTOMS AND RITES see subdivision under Bukovina

MARROW
Change in the myelogram in rabbits after the administration of tetracyclines [with summary in *English*]. A. M. Dumova. Antibiotiki 7 no. 1,47-50 Ja '62.
Effect of the secretion from the suprascapular glands of toads on the morphological composition of the bone marrow of rats following irradiation not exceeding 300 r. A. I Rolu. Zdravookhranenie 4 no. 6-37-40 N-D '61.
Weight characteristics of the skeleton and bone marrow in the common European hare (Lepus europaeus Pall.) *V. I. Kosobutskii.* Dokl. AN SSSR 143 no. 1;243-244 Mr '62

MARROW—DISEASES
Treatment of myelomatosis with sarcolysin in combination with ACTH and steroid hormons [with summary in English]. A. N. Chigirinskii. Vop. onk 7 no. 7,63-69 '61.

MARROW—TRANSPLANTATION
An attempt to affect the fate of transplanted marrow cells in the irradiated animal organism by the use of hormones. IU. M. Zaretskaia. *Radiobiologiia* 1 no. 6; 892-898 '61.
Influence of the administration of bone marrow and spleen homogenates on the effectiveness of seroprophylaxis in tetanus intoxication in *irradiated mice* [with summary in English]. D. R. Kaulen. Zhur. mikrobiol., epid. i immun. 32 no. 9;64-69 S '61.
Influence of the bone marrow on artificial immunity in irradiated animals [with summary in *English*]. M. A. Tumanian, A. V. Izvekova. Zhur. mikrobiol., epid. i immun. 32 no. 9;58-64 S '61.
Transplantation of bone marrow in radiation sickness in animals. A. T. Sosnovskii, M. A. Kuntsevich, N. K. Kasperovich. Zdrav. Bel. 7 no. 8;35-38 *Ag* '61

MARROW—TUMORS
Change in the lipoid and carbohydrate metabolism in chronic myelosis under the influence of ACTH and *myelosan therapy.* I. Z. Gorelov, B. I. Lipkovich. Terap. arkh. no. 7;85-97 '61.
Luminescent microscopy of marrow in internal irradiation by S^{35}. Report No. 2. N. M. *Oganesian.* Izv. AN Arm. SSR. Biol. nauki 15 no. 1;95-98 Ja '62.

MARS (PLANET)
Astronomic observations in March. V. P. Davydov. Priroda 51 no. 3;127-128 F '62.
Some characteristics of the yellow haze observed on Mars in 1956 [with summary in *English*]. I. K. Koval', A. V. Morozhenko. Astron. zhur. 39 no. 1;65-72 Ja-F '62.

MARTENSITE—METALLURGY
Change in the kinetics of martensite transformation under the action of previously formed martensite O. P. Maksimova, E. I. Estrin. Dokl. AN SSSR 142 no. 2,330-333 Ja '62.

MARTÍ, JOSÉ, 1853-1895
José Martí, the Cuban national hero who struggled against the imperialism of the U. S. A. [with summary in English, p. 197] O. S. Ternovoi. Nov. i noveish. ist. no. 1;46-54 '62.

MARTUK—CLERKS (RETAIL)
In deed as well as word. S. Prikhod'ko. Koop Kazakh. 4 no 2 6-7 F '61

MARTYNOV, GEORGII SERGEEVICH
"Travelers to the stars" by Georgii Martynov. Reviewed by A. Churkin. Neva no. 3;209-210 '61.

MARX, KARL, 1818-1883
Dates, events, and people. Komm Bel. 39 no 3 73-74 Mr '62.
Great Marxist study, on the 90th anniversary of the publication of K. Marx's "Capital" in Russian I. A Bahmut. Ukr. ist. zhur. 6 no. 2;139-140 Mr-Ap '62
Rovda, K. I. [Karl Marx and literature] Karl Marks i khudozhestvennaia literatura. Leningrad, Ob-vo po rasprostraneniiu polit. i nauchnykh znanii RSFSR, 1961 64 p

MARY PROVINCE—AGRICULTURAL WORKERS
People and personnel are of the utmost importance *IU. Chubarov.* Part. zhizn' no 6 41-44 Mr '62

MASLOV, MIKHAIL STEPANOVICH, 1895-1961
In memory of M. S. Maslov. Voen.-med. zhur no 8 91 Ag '61.

MASONRY
Anokhin, G. A., and IU. N. Ivanov. [Masonry and home furnace construction] Kamennye i pechnye raboty, posobie dlia uchashchikhsia IX-XI klassov *sel'skoi* srednei shkoly. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 231 p.

MASONRY—EQUIPMENT AND SUPPLIES
Form for building cinder block partitions. Sel. i stroi 16 no. 12;26 D '61.

MASS (PHYSICS)
Mal'kovskii, G. P. [Mass and energy in modern physics] O masse i energii v sovremennoi fizike. [Kazan'] Izd-vo Kazanskogo univ., 1961. 178 p.

MASS SPECTROMETRY
Certain regularities in *mass spectra* of monoolefins. A. A. Polikakova, R. A. Khmel'nitskii. Zhur. ob. khim. 31 no. 12;4059-4060 D '61.
Effect of directional generation of ions from a three-part *ion source of a mass spectrometer* M. S. Chepurnoi, E. Gradshtain. Dokl. AN SSSR 142 no. 2 331-333 Ja '62.
Investigating the gas content of certain nonferrous metals by the method of mass spectrometry. IU. V. Orlovskii, V. V. Krapukhin, A. N. Krestovnikov. Izv. *vyss. uchebn. zav., tsvet. met.* 5 no. 1;132-138 '62.
Mass-spectrometric determination of the heat of vaporization of monomers and the bond energy of dimers. G. M. Martynkevich. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 1;127-133 Ja-F '62.
Mass spectrometric identification of C_6H_8 (isoprene) type compounds in volatile secretions of plant leaves. Sh. A Sanadze, G. M. Dolidze. Soob. AN Gruz. SSR 27 no. 6; 747-750 D '61.
Mass-spectroscopic study of the photoionization effectiveness of benzene derivatives in relation to their spectra. M. E. Akopian, F. I. Vilesov, A. N. Terenin. Dokl. AN SSSR 140 no. 5;1037-1040 O '61.

MASS TRANSFER
Dellagin, G. N., and B. V. Kantorovich. [*Mass transfer* in the combustion of fuel in fluid flow; Conference on Heat and Mass Transfer, Minsk, January 23-27, 1961] Massoobmen v protsesse goreniia topliva v potoke; soveshchanie po teplo-i massoobmenu, g. Minsk, 23-27 ianvaria 1961 g. [Minsk, 1961] 20 p. [MICROFILM]
Sikkert, E. R., A. A. Khaydev, and V. Zh. Minkovich. [Heat transfer, reduction temperature and surface friction in a plane plate with *hydrogen injection* into the laminar boundary layer] Teploobmen, temperatura vosstanovleniia i *poverkhnostnoe* trenie na ploskoi plastine s podachei vodoroda v laminarnyi pogranichnyi slov; soveshchanie *po teplo-* i massoobmenu, g. Minsk, 5-10 iiunia 1961 g. [Minsk, 1961] 34 p. [MICROFILM]
Harnett, J. P., and Gazley, Carl. [Generalized representation of cooling by means of *mass transport into the* laminar boundary layer of a plate; Conference on Heat and Mass Transfer, Minsk, January 23-27, 1961] *Obobshchennoe* predstavlenie metodov okhlazhdeniia putem podvoda massy v laminarnyi pogranichnyi sloi plastiny; soveshchanie *po teplo-* i massoobmenu, g. Minsk, 23-27 ianvaria 1961 g. [Minsk, 1961] 18 p. [MICROFILM]
Heat or mass transfer between particles and the surrounding medium flowing past the particle. E. Ruckenstein. Zhur. prikl. khim. 35 no. 2;377-384 F '62

MASS TRANSFER (Continued)

Lykov, A. V. [Study of heat and mass transfer in a boundary layer using methods involving the thermodynamics of irreversible processes, Conference on Heat and Mass Transfer, Minsk, January 23-27, 1961] Primenenie metodov termodinamiki neobratimykh protsessov k issledovaniiu teplo-i massoperenosa v pogranichnom sloe; soveshchanie po teplo-i massoobmenu, g Minsk, 23-27 ianvaria 1961 g. [Minsk, 1961] 17 p.

[MICROFILM]

Mass transfer in turbogrid-type bubble plates A. G. Kasatkin, D. M. Popov, IU. I. Dytnerskii Khim prom no 2:123-130 F '62

Transport processes in systems connected by capillaries D. N. Zubarev Dokl AN SSSR 143 no 1 71-77 Mr '62.

Vaulin, E. P. [Heat and mass transfer in a body in the case of a solid - gas-phase transition occurring on its surface; Conference on Heat and Mass Transfer, Minsk, January 23-27, 1961] Teplo-i massoobmen pri nalichii na poverkhnosti tela fazovogo perekhoda tverdoe telo - gas; soveshchanie po teplo-i massoobmenu g. Minsk, 23-27 ianvaria 1961 g. [Minsk, 1961] 16 p.

[MICROFILM]

Vulis, L. A. [Overlapping of molecular and molar effects in the transition region of a flow, Conference on Heat and Mass Transfer, Minsk, June 5-10, 1961] O vzaimonalozhenii molekuliarnykh i moliarnykh effektov v perekhodnoi oblasti techenila, soveshchanie po teplo-i massoobmenu, g. Minsk, 5-10 iiunia 1961 g. [Minsk, 1961] 16 p.

[MICROFILM]

MASS TRANSFER—CONGRESSES

Soveshchanie po teplo- i massoobmenu, Minsk, 1961. [Abstracts of papers and reports presented at the Conference on Heat and Mass Transfer; supplement] Tezisy dokladov i soobshchenii (dopolnenie). Minsk, 1961. 99 p.

[MICROFILM]

MASSAGE

Sarkizov-Serazini, I. M., and D. F. Deshin. [Medical control and exercise therapy] Vrachebnyi kontrol' i lechebnaia fizkul'tura. Moskva, Izd-vo "Fizkul'tura i sport," 1961. 287 p.

(DNLM)

MATERIA MEDICA, VEGETABLE

Chebotar'ov, R. S. [Using plants for controlling parasitic diseases in farm animals] Zastosuvannia roslyn u borot'bi z parazytarnymy zakhvoriuvannimy sil's'kohospodars'kykh tvaryn. Kyiv, 1961. 43 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 5, no. 17)

MATERIALISM

Pantin, I. K. [Studies on materialist philosophy and the theory of knowledge of Russian revolutionary democrats] Materialisticheskoe mirovozzrenie i teoriia poznaniia russkikh revoliutsionnykh demokratov, ocherki. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 116 p.

MATERIALS

Zhuravlev, V. N. [Reducing the weight of structures used in machine manufacture] Snizhenie vesa mashinostroitel'nykh konstruktsii. Izd. 2., perer. i dop. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 238 p.

[MICROFILM]

MATERIALS—ANALYSIS

Methods of analyzing baryric and boron-containing cements and materials. V. V. Myshliaeva, E. I. Nagerova. Nauch. soob. NIITSementa no. 11:30-42 '61.

MATERIALS—TESTING

All-Union conference on the use of X-rays in studying materials. A. I. Vakulenko Mont. i spets. rab. v strot. 23 no. 12:24-25 D '61.

Sinitagovskii, I. S., ed. [Manual for laboratory work on the resistance of materials] Rukovodstvo k laboratornym rabotam po soprotivleniiu materialov. Moskva, Gos. izd-vo "Vysshaia shkola," 1961 181 p.

MATERIALS—THERMAL PROPERTIES

Simplified calculation of thermophysical coefficients of materials. G. K. Avdeev. Izv. vys. ucheb. zav.; prib. 5 no. 1:128-135 '62.

MATERIALS AT HIGH TEMPERATURE

High-temperature microscope. N. A. Toporov and others. Vest. AN SSSR 32 no. 3:46-48 Mr '62.

MATERIALS HANDLING

Mechanization and automation of hoisting and conveying operations in the machinery industry. I. P. Krutikov. Izv. vys. ucheb. zav.; mashinostr. no. 12:43-55 '61.

Present state and objectives of the mechanization of conveying and storing operations. A. B. Drannikov, K. V. Kozlov. Avt. prom. 28 no. 2:1-5 F '62.

MATHEMATICAL ANALYSIS

[Mathematical analysis; differentiation and integration] Matematicheskii analiz; differentsirovanie i integrirovanie. [By] I. G. Aramanovich i dr. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 360 p. (Spravochnaia matematicheskaia biblioteka)

Zaporozhets, G. I. [Textbook for solving problems in mathematical analysis] Rukovodstvo k resheniiu zadach po matematicheskomu analizu. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 403 p.

MATHEMATICAL ECONOMICS see Economics, Mathematical

MATHEMATICAL MODELS

Mathematical model of a ship V. V. Gusev and others Trudy LKI no 31 11-14 '60

MATHEMATICAL RECREATIONS

In leisure hours. Nauka i zhyttia 11 no. 1:62 Ja '62.

Mathematical recreations. Nauka i zhizn 28 no. 12: 107 D '61.

Mathematical page. B. Kordemskii IUn. tekh. 6 no. 1: 53-54 Ja '62.

MATHEMATICAL STATISTICS

Buslenko, N. P., and IU. A. Shreider. [Method for statistical tests (Monte-Carlo) and use of digital computers in its realization] Metod statisticheskikh ispytanii (Monte-Karlo) i ego realizatsiia na tsifrovykh vychislitel'nykh mashinakh. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 226 p.

N

Economic Research and Planning] Trudy. Moskva, Izd-vo Akad. nauk SSSR.

Vol. 6. [Use of mathematical methods in technical and economic calculations] Matematicheskie metody v tekhniko-ekonomicheskikh raschetakh. 1961. 166 p.

A problem in the theory of queues [with summary in English]. V. M. IAroshenko. Dop. AN URSR no. 2:153-156 '62.

MATHEMATICS

Akademiia nauk SSSR. Sibirskoe otdelenie. [Some problems in mathematics and mechanics] Nekotorye problemy matematiki i mekhaniki. Novosibirsk, Izd-vo Sibirskogo otd-nia AN SSSR, 1961. 265 p.

Ostrogradskii, M. V. [Complete collection of works in three volumes] Polnoe sobranie trudov v trekh tomakh. Kiev, Izd-vo Akad. nauk USSR.

Vol. 3. 1961. 395 p.

MATHEMATICS—ABSTRACTS

[Mathematics,] Ref. zhur.: Mat. nos. 1-2 J-F '62.

MATHEMATICS—BIBLIOGRAPHY see Bibliography—Mathematics

MATHEMATICS—CONGRESSES

Work of the seminar on the history of mathematical sciences. T. V. Putiata. Dop. AN URSR no 2:260-267 '62.

MATHEMATICS—EXAMINATIONS, QUESTIONS, ETC.

Kreidlin, E. G. [Oral tests on mathematics for grades 6-10] Ustnye kontrol'nye raboty po matematike dlia 6-10 klassov. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 63 p. (Iz opyta uchitelia)

MATHEMATICS—PHILOSOPHY

Correlation of objective, relative, and absolute truth in mathematics. M. S. Akperov. Vest. Mosk. un Ser. 8: Ekon., filos. 17 no. 2 54-68 Mr-Ap '62.

Gnoseological aspects of the problem of the substantiation of mathematics. L. K. Naumenko. Trudy Inst. filos. i prava AN Kazakh. SSR 5:77-117 '61.

MATHEMATICS—PROBLEMS, EXERCISES, ETC.

Liudmilov, D. S. [Problems without numerical data; textbook for teachers] Zadachi bez chislovykh dannykh; posobie dlia uchitelei. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 239 p.

MATHEMATICS—STUDY AND TEACHING (see also subdivision under Ukraine)

Let's develop the abilities of all students. G. Gusarskaia. Nar. obr. no. 2:40-44 F '62.

Let's eliminate shortcomings in mathematical education of the graduates of secondary schools. V. Salanovich. Nar. asv. no. 1:30-34 Ja '62.

Stimulating students' attention (in teaching mathematics). Report No. 1. Stimulating role of leading examples G. V. Kalmakchi. Dokl. APN 5 no. 3:35-38 '61.

Stratilatov, P. V., ed. [Teaching mathematics in secondary schools; collection of articles] Voprosy prepodavaniia matematiki v srednei shkole; sbornik statei. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 286 p.

MATHEMATICS, ANCIENT

Kol'man, E., and A. P. IUshkevich. [Mathematics before the Renaissance] Matematika do epokhi Vozrozhdeniia. Moskva, Gos. izd-vo fiziko-matem. lit-ry.

[Book 1] Kol'man, E. [History of mathematics in antiquity] Istoriia matematiki v drevnosti. 1961. 235 p.

MATIUSHKIN, FEDOR FEDOROVICH, 1799-1872

Notes on Latin America in F. F. Matiushkin's "Journal" [with summary in English]. B. N. Komissarov Ves LGU 17 no. 2:165-166 '62

MATRICES

Adjustment by means of minimum turns of elements. I. Sh. Pinsker. Trudy Inst. mash. Sem. po toch. v mas prib. no. 16:44-50 '61.

Matrix transfer functions. IU. I. Ivlichev. Priborosti nie no 2:8-10 F '62.

Properties of Daffin-Kummer matrices. A. A Bogush F. I. Fedorov. Dokl. AN BSSR 6 no. 2:81-85 F '62

MATTER—CONSTITUTION

Correlation between the part and the whole in the cons tution of matter [with summary in English, pp. 164- N. T. Abramova. Vop. filos. 16 no. 2 46-56 '62.

MAUPERTUIS, PIERRE LOUIS MOREAU DE, 1698-175 Maupertuis as forerunner of Darwin. I. I. Kanaev. Trudy Inst. ist. est i tekh 41:20-43 '61

MAXILLARY SINUS—DISEASES

Treatment of chronic highmoritis with iodolipol IU Lipson Vest otorin no. 2 83-86 '62.

MAXIMA AND MINIMA

Three theorems on the strong minimum in the classic variational problem. V. F Krotov [Trudy] MVTU no. 104:42-53 '61.

MAZUT—TOXICOLOGY

Verification of the blastomogenic properties of hard hydrocarbons formed during the process of hydroger tion of mazut. Z E Grigor'ev. Vop. onk 8 no 2: 20-30 '62.

MEADOW GRASS

Anatomicomorphologic characteristics of bulbous mea ow grass (Poa bulbosa L.) of seminal and viviparou kind. T. G. Popolina. Trudy Bot. inst. Ser. 7 no. 5 166-175 '62.

MEADOW SAFFRON see subdivision under Caucasus

MEALY BUGS see subdivision under Transcarpathia

MEASUREMENTS, AERODYNAMIC see Aerodynamic measurements

MEASUREMENTS, ELECTRIC see Electric measurements

MEASURING see Mensuration

MEASURING INSTRUMENTS

Device for controlling low-module gears. A. A. Ivano Stan. i instr. 33 no. 1:23-25 Ja '62.

Errors of instruments at various initial registration points. G. B. Kainer. Izm. tekh. no 2:5-7 F '62

Kinematic systems of devices for continuous control parts. N. M. Karelin. Izm tekh no. 3:4-6 Mr

Measures and measuring instruments approved by the committee on the basis of the results of their official testing and permitted to be used in the U. S. S. R. Iz tekh. no. 2:63-64 F '62

Measuring minor moments of starting. IU. M. Khando man. Izm. tekh. no. 2:17-19 F '62.

New instruments for linear measurements. G. B. Kai N. N. Markov, V. IA. Eldinov. Izm. tekh. no. 3:6-8 '62.

Seminars on measuring equipment. D. M. Sizov. Izm tekh. no 3:63-64 Mr '62.

Strengthen the metrological basis of automation. S. I Krasivskii. Izm. tekh no. 2:1-2 F '62

MEASURING INSTRUMENTS—BIBLIOGRAPHY see Bibliography—Measuring instruments

MEASURING INSTRUMENTS—MAINTENANCE AND REPAIR

Organizing a centralized repair of instruments. I. R. denko. Izm. tekh no. 3:55-57 Mr '62.

MEASURING INSTRUMENTS—STANDARDS

New standards for measures and measuring instrum approved by the committee. Izm. tekh. no. 2:63 F '62.

MEASURING INSTRUMENTS—TESTING

Specified instructions for the inspection of measures measuring instruments approved by the Office of Me uring Instruments of the committee. Izm. tekh. no 63 F '62.

MEASURING-TAPES

Using length-taping devices for depth measurement in shaft sinking. G. S. Pinkovskii. Shakht. strol. 6 no. 2:18-23 F '62.

MEASURING TAPES—STANDARDS

New State Standard 7502-01 "Metal measuring tapes, A. M. Bondarev. Izm. tekh. no. 3:12-13 Mr '62.

MEAT

Effect of animal protein, common salt and restrictive diet (apples) days on the hemodynamics in hypertension [with summary in English] G E Sorokin Vop pit 21 no 1 22-29 Ja-F '62

Study of half-finished meat products N I Kovalev, M.S Osmolovskaia. Vop pit 21 no 1 82-84 Ja-F '62

MEAT, CANNED—STANDARDS

Standardization of canned meat A I Barmash Standartizatsiia 26 no 2 41-42 F '62

MEAT GRINDERS

Small-size meat cutter N Bulanov, N Kravchenko Mias ind SSSR 32 no 6 10 '61.

MEAT INDUSTRY
(see also subdivision under United States)

Improved organization of boning meat S Shnitser, I Levina Mias ind SSSR 32 no. 6 35 '61

Main trend in the work of trade-union organizations N. Tur Mias ind SSSR 32 no. 6 5-6 '61

We shall put into practice the resolutions of the 22d Congress of the CPSU Mias. ind. SSSR 32 no. 6 1-4 '61

MEAT INDUSTRY—ACCOUNTING

Improve the accounting for semifinished meat products. S Kapelush, A Kashaev, Bukhg uchet 19 no. 2 24-33 F '62.

Methods for analyzing the fulfillment of a plan for lowering production costs N Selliakov Mias ind SSSR 32 no 6 40-42 '61

MEAT INDUSTRY—BIBLIOGRAPHY see Bibliography—Meat industry

MEAT INDUSTRY—BY-PRODUCTS

"Manual on the manufacture of nonfood products in meat combines" by S Liberman, V. Petrovskii Reviewed by N Maksimova, S Safonov, V. Dronov Mias ind SSSR 32 no 6 59 '61.

MEAT INDUSTRY—COSTS

Correct calculation of the cost of meat K. Narbut, Mias. ind. SSSR 32 no 6 36-37 '61.

MEAT INDUSTRY—EQUIPMENT AND SUPPLIES

Blow tank with pneumatic feed neck shutter V Tatarinov. Mias ind SSSR 32 no 6 11 '61

Control and regulation of the concentration of salt solutions A. Bol'shakov, N Shcherbatykh Mias. ind. SSSR 32 no 6 17-18 '61

Introduction of gas-cylinder units in meat and poultry combines B. Gol'fman Mias. ind. SSSR 32 no 6 46 '61

Investigating the performance of spray disks. A Ismailov Mias ind SSSR 32 no 6 51-52 '61

Machines for the meat industry M Gurtovoi, V Romenskii Mias ind SSSR 32 no 6 8-9 '61.

MEAT INDUSTRY—PERIODICALS

At a readers' conference Mias ind SSSR 32 no. 6 7 '61

MEAT INSPECTION

Sanitary and bacteriological inspection of production is necessary L. TSvetkova. Mias. ind SSSR 32 no 6: 30-31 '61

MECHANICAL DRAWING

Epifantsev, V. F. [Fundamentals of drawing and laying out of parts] Elementy cherchenila i razmetki detalei, 2 , ispr. izd Kiev, Gos izd-vo tekhn. lit-ry USSR, 1961. 143 p

MECHANICAL DRAWING—STUDY AND TEACHING

Let's bring instruction in mechanical drawing closer to the requirements of industry. V. S. Levitskii and others Vest vys. shkoly 20 no 3,48-57 Mr '62

Training of mechanical drawing teachers at the physico-mathematical faculty of a pedagogical institute. N. M. Chernetskii, T. G. Ivnitskii, K. P. Lopatkin. Sov. pedag 26 no. 1;84-94 Ja '62.

MECHANICAL ENGINEERING

Antoviľ, A. M. [Theory of mechanisms and machinery] Teoriia mekhanizmov i mashin; kratkii kurs. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 253 p.

Designing mechanisms with lower pairs according to intermittent dependences. Report No. 2. A. A. Komissarov. Nauch. trudy MTILP no. 18 191-203 '60.

Scientific technical conferences Mashinostroenie no. 1: 115 Ja-F '62.

Spitsyn, N. A., and I. I. Kankanets. [Machine parts and hoisting and conveying machinery] Detali mashin i pod'emno-transportnye mashiny. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 331 p.

Zheligovskii, A. V., ed. [Theory of flat mechanisms and the dynamics of machinery] Teoriia ploskikh mekhanizmov i dinamika mashin. [By] G. A. Barsov i dr. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 336 p.

MECHANICAL ENGINEERING—AUDIO-VISUAL AIDS

Studying machinery in school workshops in grades 5-7 with the help of kinematic diagrams V. I. Kachnev. Dokl. APN S no. 5 21-28 '61.

MECHANICAL ENGINEERING—BIBLIOGRAPHY see Bibliography—Mechanical engineering

MECHANICAL ENGINEERING—STUDY AND TEACHING

Feasible task. I. Vyshnepol'skii. Prof.-tekh. obr. 19 no. 2 6-8 F '62.

MECHANICAL MOVEMENTS

Antoviľ, A. M. [Theory of mechanisms and machinery] Teoriia mekhanizmov i mashin, kratkii kurs. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 253 p.

Zheligovskii, A. V., ed. [Theory of flat mechanisms and the dynamics of machinery] Teoriia ploskikh mekhanizmov i dinamika mashin. [By] G. A. Barsov i dr. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 336 p.

MECHANICAL WEAR

Abrasive wear and cavitation S P Kozyrev, K K. Shal'nev Dokl AN SSSR 143 no 1 60-63 Mr '62

Permissible wear of screens. A S. TSynovnikov and others Koks i khim. no 12:34-37 '61

Using radioactive isotopes in studying the wear of rock-cutting tools. M. I Smorodinov. [Trudy] NIIOSP no. 41:33-51 '59.

MECHANICS

Akademiia nauk SSSR. Sibirskoe otdelenie. [Some problems in mathematics and mechanics] Nekotorye problemy matematiki i mekhaniki. Novosibirsk, Izd-vo Sibirskogo otd-nie AN SSSR, 1961. 205 p.

Arkhangel'skii, M. M. [Course in physics; mechanics] Kurs fiziki, mekhanika. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 407 p.

Development of the synthesis of mechanisms. N. I. Levitskii Vest AN SSSR 32 no 2:44-48 F '62

Kapitsov, N. P. [Complex movement of a point; methodological textbook on theoretical mechanics] Slozhnoe dvizhenie tochki; uchebno-metodicheskoe posobie po teoreticheskoi mekhanike. Otv. red. A. V. Krylov. Moskva, Mosk. in-t neftekhim. i gazovoi promyshl. im. I. M. Gubkina, 1959. 17 p.

[MICROFILM]

[Mechanics; translations of foreign articles.] Mekhanika; period. sbor. perev. inostr. st. 13 no. 1(71), '62.

MECHANICS—ABSTRACTS

[Mechanics.] Ref. zhur. :Mekh. no. 2 F '62.

MECHANICS—STUDY AND TEACHING

Papers on mechanics with industrial content in grade 8 of eleven-year schools. L. I. Nikerova Dokl. APN 5 no. 2:21-24 '61.

MECHANICS, ANALYTIC

Equations describing the motion of the main body of a system of solids of variable composition M. Z Litvin-Sedoi Dokl AN SSSR 142 no. 2 289-291 Ja '62

Generalization of Huyghen's theorem. V. A. Chikin. Dokl. AN SSSR 142 no. 5,1058-1060 F '62.

Relations between compound quantities and their elements. V. V. Dobronravov. [Trudy] MVTU no 104:33-37 '61.

MECHANICS, ANALYTIC—PROBLEMS, EXERCISES, ETC.

Meshcherskii, I. V. [Collected problems in theoretical mechanics] Sbornik zadach po teoreticheskoi mekhanike. Pod red. A. I. Lur'e. Izd. 27. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 384 p.

MECHANICS, CELESTIAL

Theoretical astronomy, celestial mechanics, and astronautics M. F. Subbotin. Vest. AN SSSR 32 no 3: 91-94 Mr '62.

MECHNIKOV, IL'IA IL'ICH, 1845-1916

I. I. Mechnikov's scientific relations with the Academy of Sciences of St. Petersburg. P. G. Terekhov. Trudy inst. ist est. i tekh. 41:183-236 '61.

MEDIASTINUM—DISEASES

Recovery of a patient with suppurative mediastinitis following conservative treatment. A. S. Shilovtseva. Vest. otorin. no. 4,96-99 '61.

"Stratigraphy in the pathology of the mediastinum" [in Italian] by G. L. Resio and others Reviewed by G. A. Zedgenidze. Vest. rent i rad 36 no. 4:89-90 Jl-Ag '61.

MEDIASTINUM—RADIOGRAPHY

Possibilities of pneumomediastinography and angiography of the lungs in determining the operability of lung cancer [with summary in English]. L. A. Gurevich, M. L. Semenovskii. Vop. onk. 8 no 1:5-12 '62

MEDIASTINUM—TUMORS

Bronchogenic cysts of the mediastinum. P. I. Logvinenko. Grud. khir. 4 no. 1:114-116 Ja-F '62.

Case of a dermoid cyst of the posterior mediastinum. IU. V. Astrozhnikov. Vest. rent. i rad. 36 no 6:52-53 N-D '61.

Diagnosis and surgical treatment of tumors and cysts of the mediastinum. I. I. Neimark. Grud. khir. 4 no. 1: 86-91 Ja-F '62.

Gastrogenic cysts of the posterior mediastinum. A. G. Karavanov. Grud. khir. 4 no. 1:116-118 Ja-F '62.

Some problems in the clinical aspects and surgical treatment of teratoid formations in the mediastinum. L. K Rulik Nov khir. arkh no 1,32-39 Ja-F '61

MEDICAL ASSISTANCE, RUSSIAN

Preparation for the conduction of mass immunization in Iraq with aid from the Soviet Union [with summary in English]. A. V. Zakariaev. Vop virusol. 6 no 6 731-735 N-D '61.

MEDICAL BOTANY see Botany, Medical

MEDICAL CARE
(see also subdivision under United States)

Safonov, A. G. [Medical care in the R. S. F. S. R.] Meditsinskaia pomoshch' naseleniiu v RSFSR. Moskva, Medgiz, 1961 366 p.

MEDICAL CLIMATOLOGY see Climatology, Medical

MEDICAL COLLEGES
(see also subdivision under Minsk)

Connection between the teaching of social sciences and the type of medical college [with summary in English] V G Rybakov, B IA. Fainshtein. Sov. zdrav 21 no 8 11-15 '62.

Some results of reorganizing the training of subprofessional medical personnel. I. Sh. Tsyvkin. Fel'd i akush. 26 no. 11 46-48 N '61.

MEDICAL COOPERATION

Scientific ties with foreign scientists. N. Medvedeva Vest. AMN SSSR 16 no 12,90-91 '61.

MEDICAL ELECTRONICS

Nerves of metal IUn tekh. 6 no. 1:55 Ja '63

MEDICAL EMERGENCIES

Use of nitrous oxide in medical emergencies. V. I. Sergeev. Fel'd. i akush. 26 no. 11 41-44 N '61

MEDICAL GYMNASTICS see Exercise therapy

MEDICAL INSTRUMENTS AND APPARATUS

Optical registration of the blood pressure in animals during a chronic experiment. Z. R. IUmurov, R. M. Pavlova. Med zhur. Uzb no. 6;17-22 Je '60.

Phonotremometer (FT-2V). IU. N. Varkhalo. Trudy Ural'sk. in-ta klin. fiz. med. 21 no. 9:627-630 '61.

Simplified auditory probe. M. I. Ovsiannikov. Zhur. ush., nos. i gorl. bol. 20 no. 6;87 N-D '60.

Study of new alloys as substitutes for chromo-nickel stainless steel in medical equipment. G. Z. Gurevich. Med. prom. 15 no 12:51-54 D '61.

Unique "electric girdle" used at the end of last century A. Grenader Zdrav. Bel. 7 no. 6:64 Je '61

MEDICAL INSTRUMENTS AND APPARATUS—REPAIR AND CARE

Improve the inspection of measuring equipment in preventive medicine institutions. I. I. Kogan, V. V. Petropavlovskii Izm tekh. no. 3:57-58 Mr '62.

MEDICAL JURISPRUDENCE

Comments of Docent P. D. Tulaganov's article "Organizational principles of the pathoanatomical service" in Meditsinskii Zhurnal Uzbekistana no. 5, 1960. S. Sh. Shakhabutdinov. Med zhur Uzb no. 2:63-64 F '62

"Course in medical jurisprudence" by M. I. Avdeev Reviewed by A. R. Den'kovskii. Voen.-med. zhur no. 92 Ag '61.

Tumanov, A. K. [Forensic medical examination of material evidence] Sudebnomeditsinskoe issledovanie veshchestvennykh dokazatel'stv. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 570 p.

(DNLM)

MEDICAL JURISPRUDENCE—CONGRESSES

Republican conference-seminar on medical expert testimony. G. Klebanov, M. Piletskii. Zdrav. Bel 7 no. 6:73-76 Je '61.

MEDICAL LABORATORIES
(see also subdivision under Saratov Province)

Zhdanov, V. M., ed. [Collection of official materials relating to laboratory work] Sbornik ofitsial'nykh materialov po laboratornomu delu. Moskva, Medgiz.

Book 1. [Manual for laboratory doctors, sanitation doctors, and epidemiologists] V pomoshch' vrachum-laborantam, sanitarnym vrachum i vrachum-epidemiologam. 1961. 402 p.

Book 2. [Manual for technicians in laboratories and sanitation, and epidemiological stations, and for sanitation doctors and epidemiologists] V pomoshch' rabotnikam laboratorii, sanitarno-epidemiologicheskikh stantsii, sanitarnomu vrachu, vrachu-epidemiologu. 1961. 867 p.

(DMLM)

MEDICAL LABORATORIES—BIBLIOGRAPHY see Bibliography—Medical laboratories

MEDICAL LABORATORIES—EQUIPMENT AND SUPPLIES

Automatic collector for collecting fluids. L. V. Ishchenko A. I Minkina. Lab. delo 8 no. 2:59-60 F '62.

MEDICAL LAWS AND LEGISLATION
Legal consultation. A.V.Rott. Vrach.delo no.1:155-156 Ja '62.

MEDICAL LIBRARIES
Experience in the organization of free accession to the Library of the All-Union Experimental Institute of Veterinary Medicine. M.F. Babaitseva. Biul. TSentr. nauch. sel'skho. bibliot. no. 6:61-68 '60.

MEDICAL MICROBIOLOGY
Sutin, I.A., G.R. Finn, and L.N. Zelenskaia. [Handbook of medical microbiology] Uchebnik meditsinskoi mikrobiologii. Pod obshchei red. I.A. Sutina. Izd. 4, ispr. i dop. Moskva, Medgiz, 1962. 383 p. (DNLM)

MEDICAL MUSEUMS see subdivision under Riga

MEDICAL MYCOLOGY see subdivision under Tashkent Province

MEDICAL PERSONNEL
"Planning the public health requirements in medical personnel" by I.I. Rozenfel'd. Reviewed by V.I. Kant. Sov. zdrav. 21 no. 1:73-74 '62.
Supplementary leaves of absence and the working day. D.M. Pirogov. Voen.-med. zhur. no. 8:95-96 Ag '61.

MEDICAL RADIOLOGY see Radiology, Medical

MEDICAL RECORDS
Medical documentation at feldsher and obstetric stations. G.N. Kitaia. Zdravookhranenie 4 no. 6:42-44 N-D '61.

MEDICAL RESEARCH
(see also subdivision under Uzbekistan)
Abstracts. Sov. med. 25 no. 12:136-139 D '61.
Urgent problems in organizing scientific research in medicine. E.I. Atukhanov. Vest. AMN SSSR 16 no. 12:87-89 '61.

MEDICAL SCREENING
Mass medical examination of workers on state stock-breeding farms. L.A. Pishchagina and others. Zdrav. Kazakh. 21 no. 5:3-5 '61.

MEDICAL SOCIETIES
(see also subdivision under Kazakhstan; Tashkent; White Russia)
All-Union Medical Society on Medical Control and Curative Physical Culture. A.A. Askerov. Teor. i prak. fiz. kul't. 24 no. 10:708-709 '61.

MEDICAL STATISTICS
Education and postgraduate training of medical personnel. M.A. Skulicheva, A.N. Vinogradov, E.N. Fediunina. Sov. zdrav. 21 no. 1:85-96 '62.
Remarks on certain statistical errors. N. Gover. Zdrav. Bel. 7 no. 6:72 Je '61.
Specialization and postgraduate training of physicians in sanitary statistics, based on the work experience of the department of organization of public health of the Central Institute for Postgraduate Training of Physicians. A.M. Merkov, F.A. Sadvokasova. Sov. zdrav. 21 no. 1:23-25 '62.

MEDICAL SUPPLIES
Suitcase for the military physician. I.A. Fosman. Voen.-med. zhur. no. 8:87 Ag '61.

MEDICINE
(see also subdivision under Rumania; White Russia)
"Collected research papers of the First Clinical Hospital in Minsk." Reviewed by M. Piletskii. Zdrav. Bel. 7 no. 6:77-78 Je '61.
French medical history literature. T.V. Gusakova. Sov. zdrav. 21 no. 1:74-77 '62.
"History of medicine" by M.P. Mul'tanovskii. Reviewed by G.V. Arkhangel'skii. Sov. zdrav. 21 no. 1:77-79 '62.
[Large medical encyclopedia] Bol'shaia meditsinskaia entsiklopediia. Glav. red. A.N. Bakulev. Moskva, Gos. nauchn. izd-vo "Sovetskaia entsiklopediia."
Vol. 24. Persul'faty - ploskostopie. Izd. 2, 1962. 1247 columns.
[List of articles and terms beginning with the letter "P."] Perechen' statei i terminov na bukvu "P" (dvadtsat' chetvertyi tom) 4 p.
[Phonorecord appended to the article "Pleurisy."] Gramofonnaia plastinka k stat'e "Plevrity."
Planning research on the history of medicine and public health. B.D. Petrov. Vest. AMN SSSR 16 no. 11:79-82 '61.
Prospects for the use of cybernetics in medicine. E.N. Panchenko. Kaz. med. zhur. no. 6:87-88 N-D '61.
Significant and anniversary dates in the history of medicine: June. Sov. zdrav. 21 no. 1:61-63 '62.
Useful manual on the history of Russian medicine. G. Kriuchok, B. Elbert, D. Bellatskii. Zdrav. Bel. 7 no. 8:75-77 Ag '61.

MEDICINE—BIBLIOGRAPHY see Bibliography—Medicine

MEDICINE—CARICATURES AND CARTOONS
Notable documents. IU.N. Kvitnitskii-Ryzhov. Nov. khir. arkh. no. 2:80-82 '62.

MEDICINE—CONGRESSES
Clinical medical conferences at Zhlobin. N. Sotnikova. Zdrav. Bel. 7 no. 6:68 Je '61.

MEDICINE—DICTIONARIES
Russian-Azerbaijani medical terminology [the letter S] Azerb. med. zhur. no. 11:62-65 N '61.

MEDICINE—HISTORY
Kuz'min, M.K. [Lectures on the history of Russian medicine] Lektsii po istorii russkoi meditsiny. Moskva, Pervyi MOLMI im. I.M. Sechenova.
Lecture 1. [Medicine in old Russia] Meditsina Drevnei Rusi. 1961. 44 p.

MEDICINE—PERIODICALS
On the 60th anniversary of the "Kazanskii Meditsinskii Zhurnal" (1901-1961). Kaz. med. zhur. no. 4,4-11 Jl-Ag '61.
Problems in obstetrics and gynecology on the pages of "Kazanskii Meditsinskii Zhurnal" since its foundation. P.V. Manenkov. Kaz. med. zhur. no. 4,98-102 Jl-Ag '61.

MEDICINE—PHILOSOPHY
New books on the philosophical problems of medicine. P.P. Bondarenko, G.I. TSaregorodtsev. Vop. filos. 16 no. 2:176-182 '62.

MEDICINE—STUDY AND TEACHING
Beginning of medical education for women in Russia. E.I. Karnaukhova. Sov. zdrav. 21 no. 1:48-52 '62.
Education and postgraduate training of medical personnel. M.A. Skulicheva, A.N. Vinogradov, E.N. Fediunina. Sov. zdrav. 21 no. 1:85-96 '62.
Higher medical education without discontinuing work; based on the work experiences of the night school faculty of the I.M. Sechenov First Moscow Medical Institute. M.R. Sapin. Sov. zdrav. 21 no. 1:15-16 '62.
Medical and clinical thought and its training. V.I. Katerov. Kaz. med. zhur. no. 6:3-7 N-D '61.
Medical colleges of the R.S.F.S.R. facing new problems. S.N. IAgubov. Sov. zdrav. 21 no. 1:3-7 '62.
Method for teaching the history of medicine. V.N. Emel'ianov. Sov. zdrav. 21 no. 1:40-41 '62.
Specialization and postgraduate training of physicians in the U.S.S.R. M.G. Savchenko. Sov. zdrav. 21 no. 1:7-11 '62.

MEDICINE, CLINICAL
Activity of a bureau of the Department of Clinical Medicine of the Academy of Medical Sciences of the U.S.S.R. in 1960. V.Kh. Vasilenko, I.P. Novikov. Vest. AMN SSSR 16 no. 11:75-79 '61.

MEDICINE, EXPERIMENTAL
Pages from the history of the Institute of Experimental Medicine of the Academy of Medical Sciences of the U.S.S.R. D.A. Biriukov. Vest. AMN SSSR 16 no. 11:3-12 '61.

MEDICINE, INDUSTRIAL
(see also subdivision under Irkutsk; Orenburg; Vladimir Province; White Russia)
Is the sick leave form processed correctly? N. Efremova. Okhr. truda i sots. strakh. 5 no. 1:32-33 Ja '62.

MEDICINE, INTERNAL
Once again about the physician's diagnostic thought and the problem of technic in the field of internal medicine (An answer to my opponents writing in Nos. 2 and 6, 1960 [Kazanskii meditsinskii zhurnal] apropos of my article, "Notes on medical thought and on the problem of technic in the field of internal medicine"). A.M. Sigal. Kaz. med. zhur. no. 6:88-90 N-D '61.
"Science of internal diseases, Vol. 1, The organs of blood circulation" [in Polish] by Witold Orlowski. Reviewed by IU.I. Rafes. Kaz. med. zhur. no. 6:81-83 N-D '61.

MEDICINE, MILITARY
Organization of the work of specialists in military and medical institutions. D.D. Kuvshinskii. Voen.-med. zhur. no. 8:17-21 Ag '61.
Prevention of epidermophytosis among replacements. V.G. Leites, M.I. Raiz, A.A. IAkovleva. Voen.-med. zhur. no. 8:72-74 Ag '61.
Relations of physicians of a garrison hospital with physicians of troop units. L.A. Minenko. Voen.-med. zhur. no. 8:85 Ag '61.
Sorting and extent of specialized care for patients with injuries of the spine and spinal cord. V.I. Grebeniuk. Voen.-med. zhur. no. 8:25-28 Ag '61.
Use of the patrol boat 1(PS-1) for medical evacuation. F.T. Smovzh. Voen.-med. zhur. no. 8:85 Ag '61.

MEDICINE, POPULAR see subdivision under China

MEDICINE, PSYCHOSOMATIC
Critique of psychosomatic medicine and its principles, Freudianism and Neo-Freudianism. F.F. Detengof. Med. zhur. Uzb. no. 9:8-12 S '61.

MEDICINE, RURAL
(see also subdivision under Virgin Territory)
Itinerant medical council meeting at a feldsher-midwife station. N. Tokarchik. Zdrav. Bel. 7 no. 6:71 Je '61.
Laudable initiative. M. Shnek. Zdrav. Bel. 7 no. 6:70 Je '61.
One aspect of methodological work within the rural therapeutic and prophylactic network. I.A. Alimov. Med. zhur. Uzb. no. 2:75-76 F '60.

MEDICINE AND RELIGION
Health education in controlling religious prejudices. IA.N. Trakhtman. Med. sestra 20 no. 11:28-31 N '61.

MEDICINE IN SPORTS see Sports medicine

MEDITERRANEAN SEA—BACTERIA
Microbiological characteristics of the bottoms and water of the Mediterranean Sea. L.A. Razenberg. Okeanologiia 2 no. 1:109-117 '62.

MEDITERRANEAN SEA—HYDRAULIC ENGINEERING
"Mediterranean" land. E. Parnov, M. Emtsev. Vokrug sveta no. 2:10 F '62.

MEDITERRANEAN SEA—OCEANOGRAPHIC RESEARCH
First Mediterranean cruise of the research ship "Akademik S. Vavilov." K.V. Neglad. Okeanologiia 2 no. 1:172-180 '62.

MEDITERRANEAN SEA REGION—CLASSICAL ANTIQUITIES
Archaeological discoveries in the Mediterranean Sea Region in 1958-1959. N.A. Sidorova. Sov. arkheol. 6 no. 1:320-343 '62.

MEDLAR
Occurrence of natural accretion of hawthorn and medlar. I.D. Nechiporchuk and others. Agrobiologiia no. 6:918-920 N-D '61.

MEDULLA OBLONGATA
Peculiarities of the convergence of various afferent impulses on neurons of the reticular formation of medulla oblongata [with summary in English]. IU.P. Lymans'kyi. Fiziol. zhur. [Ukr.] 8 no. 1:93-99 Ja-F '62.
Physiology of the respiratory center in the frog. IU.B. Temper. Fiziol. zhur. 48 no. 2:159-164 F '62.
Reflection of the terminal activity of the respiratory center on the electrogram of the medulla oblongata. A.M. Gurvich. Fiziol. zhur. 48 no. 1:64-71 Ja '62.

MEDULLA OBLONGATA—BLOOD SUPPLY
Blood supply of the inferior olive [with summary in English]. N.A. Gudkova. Arkh. anat. gist. i embr. 42 no. 2:66-68 F '62.

MEDULLA OBLONGATA—INNERVATION
Characteristics of the structure of gemmules in the spine and medulla oblongata [with summary in English]. G.P. Zhukova. Arkh. anat. gist. i embr. 41 no. 7:58-64 Jl '61.
Synaptic changes in the rest potential of the separate neurons of the reticular formation of the medulla oblongata. IU.P. Limanskii. Fiziol. zhur. 48 no. 2:128-133 F '62.

MEERSCHAUM see subdivision under Bug Valley

MELANOMA
Atypical course of a melanoma of the choriod. E.P. Arkhangel'skaia, T.IA. Kasymov. Med. zhur. Uzb. no. 8:61 S '61.
Culture and morphological characteristics of two cell strains obtained in vitro from human melanoma. V.N. Ponomareva. Vop. onk. 8 no. 1:38-44 '62.
Melanoma of the penis (first observation) [with summary in English]. E.P. Svedentsov. Vop. onk. 7 no. 7:88-89 '61.

MELEKESS—PHYSICALLY HANDICAPPED—REHABILITATION
Appearances are not everything. Sots. obesp. 23 no. 2:38-39 F '62.

MELEZH, IVAN, 1921-
"The people of swampland"; a novel by Ivan Melezh. Reviewed by Alena Vasilevich. Rab. i stal. 38 no. 3:10 Mr '62.

MELTING
Contact melting of irradiated crystals. L.G. Berzina, P.A. Savintsev. Kristallografiia 7 no. 1:159-162 Ja-F '62.
Ultimate strength of steel in the presence of active metal melts. M.I. Chaevskii, L.S. Brukhanova, V.I. Likhtman. Dokl. AN SSSR 143 no. 1:92-94 Mr '62.

MEMORIALS
A handful of earth. S. Kukushkin. Ukraina no. 4:32 F '62.

MENDELEEV, DMITRII IVANOVICH, 1834-1907
D.I. Mendeleev. Nar. asv. no. 1:61 Ja '62.

MENDELEVIUM
Druin, V.A. [Energy dependence of the cross section for the production of Md^{255}_{101} in the irradiation of U^{238}_{92} with Ne^{22}_{10} nuclei] Energeticheskaia zavisimost' secheniia obrazovaniia Md^{255}_{101} pri obluchenii U^{238}_{92} iadrami Ne^{22}_{10}. Dubna. Ob"edinennyi in-t iadernykh issledovanii, 1962. 9 p. [With summary in English]

MENINGES—CANCER

Clinical aspects and diagnosis of diffuse carcinomatosis of the cerebral meninges [with summary in French] I. P. Babchina. Zhur. nevr. i psikh. 61 no. 11 1615-1623 '61.

Malignant pinealomas metastasizing into the cerebral meninges [with summary in French] Z. V. Znoiko, T. L. Shalagina. Zhur. nevr. i psikh. 61 no. 11 1650-1651 '61.

MENINGES—DISEASES

Some problems in the symptomatology of diseases and the pathomorphology of the meninges [with summary in French] A. IA. Shtanevskii. Zhur. nevr. i psikh. 61 no. 6 855-859 '61.

MENINGES—TUBERCULOSIS

Clinical aspects and differential diagnosis of tuberculous meningitis in adults. G. A. Zhanaidarova. Zdrav. Kazakh. 21 no. 5;55-58 '61.

Paradoxical pupillary reactions to light [with summary in English]. A. K. Popov. Zhur. nevr. i psikh. 61 no. 6 818-819 '61.

Results of treating children with tuberculous meningitis without endolumbar administration of streptomycin. S. V. Gamiltskaia. Zdrav. Kazakh. 21 no. 10 45-49 '61.

MENINGIOMA

Diagnosis of basal meningiomas (according to data of the V. P. Filatov Ukrainian Experimental Institute of Eye Diseases and Tissue Therapy). G. V. Panfilova. Vest. rent. i rad. 36 no. 6 70-72 N-D '61.

MENINGITIS

(see also subdivision under Ukraine)

Etiology, clinical aspects and treatment of arachnoiditis of rhinosinusogenic etiology [with summary in English]. N. S. Blagoveshchenskaia. Vest. otorin. no. 2 3-12 '62.

MENINGO-ENCEPHALOMYELITIS see Encephalomyelitis

MEN'S CLOTHING

[illegible]

MENSTRUATION

Clinical characteristics and hormonal changes in so-called menstrual epilepsy. T. S. Zaichkina. Vop. psikh. no. 4,106-116 '60.

Our method for sampling menstrual blood. O. V. Osadchaia. Zdrav. Bel. 7 no. 6;51 Je '61.

MENSURATION

Solov'ev, A. N. [Measurement and evaluation of the properties of textile] Izmerenila i otsenka svoistv tekstil'nykh materialov. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1961. 142 p.

MENSURATION—TABLES, ETC.

Systems of measurement units. Energomashinostroenie. 8 no. 2 47-48 F '62.

MENTAL DEFICIENCY

Analytic and synthetic activity in children who are oligophrenic. N. G. Gartzshtein, T. B. Delova. Trudy Inst. nerv. deiat. Ser. patofiziol. 8;83-90 '61.

Work therapy for severe oligophrenics of adolescent age. E. IA. Shternberg. Vop. psikh. no. 4;241-247 '60.

MENTAL DEPRESSION see Depression, Mental

MENTAL ILLNESS

Acute alcoholic psychoses and their forensic psychiatric significance. Kh. A. Gasanov. Probl. sud. psikh. 9; 377-379 '61.

Catamnestic study of patients assigned to psychiatric hospitals in a prolonged reactive state. K. L. Immerman. Probl. sud. psikh. 9;121-130 '61.

[illegible] tics of reactively conditioned mental disorders with vascular diseases of the brain [illegible]eva. Probl. sud. psikh. 9;202-207 '61.

[illegible]ects and prognosis of prolonged reactive [illegible]. S. Markina. Probl. sud. psikh. 9;252-257 [illegible]

[illegible]aspects of alcoholic paranoias and their forensic [illegible]tric evaluation. A. G. Gofman. Probl. sud. psikh. [illegible]87 '61.

[illegible]aspects, pathogenesis, and treatment of reactive [illegible]N. I. Feinskaia. Probl. sud. psikh. 9;100-120 [illegible]

[illegible]on of the vascular (somatogenic) and the psycho- the clinical aspects of some reactive states. [illegible]shnevskaia. Probl. sud. psikh. 9;223-228 '61.

[illegible] reactive states in condemned individuals. A. V. [illegible]. Probl. sud. psikh. 9;140-149 '61.

[illegible] of antibodies to the brain in the blood serum of [illegible] with neuropsychiatric diseases [with summary [illegible]ch]. N. I. Kuznetsova, S. F. Semenov. Zhur. [illegible]sikh. 61 no. 6;869-875 '61.

[illegible]acies in diagnostic and expert examinations as [illegible] by data of the V. P. Serbskii Institute on re-[illegible]xpert examinations. D. P. Lunts and others. [illegible]d. psikh. 9;503-516 '61.

[illegible]n. A. A. Perel'man and others. Probl. sud. 9;162-173 '61.

Discussion. A. A. Perel'man and others. Probl. sud. psikh. 9;230-235 '61.

Discussion. I. M. Feigenberg and others. Probl. sud. psikh. 9 298-307 '61.

Dissociation of the activity of the signal systems in children suffering from psychopathy. T. B. Delova. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. 8,91-95 '61.

Effect of various therapeutic doses of glutamic acid on the higher nervous activity of children suffering from neuropsychic diseases. A. M. Sumskaia. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. 8 127-133 '61.

Hormonal disorders in asthenic and hypochondriac states in patients with schizophrenia and involutional diseases [with summary in French] E. P. Ufereva. Zhur. nevr. i psikh. 61 no. 11 1710-1715 '61.

Neuroses and psychopathies. A. A. Portnov, D. D. Fedotov. Probl. sud. psikh. 9,174-183 '61.

Psychogenic reactive mechanisms of self-accusations. N. M. Vinarskaia, S. M. Lifshits. Probl. sud. psikh. 9; 212-215 '61.

Reactive states arising in syphilis of the brain. N. L. Garkavi. Probl. sud. psikh. 9;208-211 '61.

Resolution of the conference. Probl. sud. psikh. 9; 531-533 '61.

Results of a clinical study of meprotan [with summary in French] M. V. Korkina, V. F. Naroditskaia, Z. G. Strel'tsova. Zhur. nevr. i psikh. 61 no. 6 880-888 '61.

Serotonin and its role in mental diseases. V. M. Banshchikov, G. V. Stoliarov. Zhur. nevr. i psikh. 61 no. 6,934-943 '61.

Significance of biochemical indexes of the blood in the elaboration of methods for treating reactive states. E. B. Miakina. Probl. sud. psikh. 9;236-243 '61.

Some indexes of the fermentative activity of the blood in patients with reactive psychoses. N. I. Pogibko. Probl. sud. psikh. 9;258-268 '61.

Study of outcomes of prolonged reactive states. V. S. Krasuskii. Probl. sud. psikh. 9;131-139 '61.

Summary [of conference proceedings by the presiding officer] A. V. Snezhnevskii. Probl. sud. psikh. 9; 517-530 '61.

Treatment of reactive disease. A. K. Dobrzhanskaia. Probl. sud. psikh. 9;274-280 '61.

Use of acepromazine in the treatment of mental patients [with summary in French]. A. B. Smulevich and others. Zhur. nevr. i psikh. 61 no. 6 890-895 '61.

Use of truxal in the treatment of mental patients [with summary in French] V. K. Kaubish. Zhur. nevr. i psikh. 61 no. 6,881-885 '61.

MENTAL SUGGESTION

Exorcised blood. A. V. Alekseev. Nauka i zhizn' 28 no. 12;90-94 D '61.

MENTAL TESTS

Importance of an experimental psychological examination in the diagnosis of early forms of cerebral arteriosclerosis in flying personnel. I. M. Moskovich. Voen.-med. zhur. no. 8;59-60 Ag '61.

MENTAL TYPES see Typology (Psychology)

MENTALLY HANDICAPPED CHILDREN

So-called "suggestibility" in oligophrenic children. O. S. Vinogradova. Dokl. APN 5 no. 2;123-127 '61.

MENTALLY HANDICAPPED CHILDREN—EDUCATION

Correctional importance of manual work for improving the process of comparison in students of schools for mentally handicapped children. V. IU. Karvinis. Dokl. APN 5 no. 5;123-128 '61.

MENTALLY ILL

Retrograde amnesia in psychogenic reactions and its significance in forensic psychiatry. S. M. Lifshits. Probl. sud. psikh. 9;157-160 '61.

MENTALLY ILL—CARE AND TREATMENT

Therapeutic use of lithium salts in the treatment of mental diseases. M. E. Vartanian. Vop. psikh. no. 4; 215-219 '60.

Use of aminazine for treating psychiatric patients at the Mogilev Psychoneurological Hospital. V. M. Volovik, M. M. Rabinovich. Vop. psikh. no. 4;220-230 '60.

MENTHENE

Reactivity of Δ-3- and Δ-2-p-mentheries to maleic anhydride and azodicarboxylic ester in comparison with their capacity to autoxidation. K. A. Pecherskaia, R. I. Beliakova. Zhidkofaz. okis. nepr. org. soed. no. 1;145-150 '61.

METALS—BIBLIOGRAPHY see Bibliography—Metals

MERCAPTANS see Thiols

MERCAPTO COMPOUNDS

Production of 2, 3-dithioglycerin without purifying by distillation. V. P. Dvernitskii, V. E. Petrun'kin. Med. prom. 15 no. 12;41-43 D '61.

Synthesis and some conversions of sulfides of the thiophene series. Part 5: Synthesis and reactions of 2-mercaptothiophene. IA. L. Gol'dfarb, M. A. Kalik, M. L. Kirmalova. Zhur. ob. khim. 32 no. 1;222-230 Ja '62.

MERCAPTOPHOS

Effect of treating medicinal plants with mercaptophos on the content of active substances. N. I. Ostrovskii, V. V. Panina. Med. prom. 15 no. 12;48-50 D '61.

MERCHANDISE see Commercial products

MERCHANT MARINE

Bakaev, V. G., and S. M. Baev, eds. [Transportation in the U. S. S. R.; marine transportation] Transport SSSR, morskoi transport. Moskva, Izd-vo "Morskoi transport," 1961. 760 p.

Brief news. Mor. flot 22 no. 3 46-48 Mr '62.

Follow-up of published articles. Mor. flot 22 no. 3 48 Mr '62.

Great work by a small group. N. Gagarov, E. Fisher. Mor. flot 22 no. 3 4-6 Mr '62.

MERCHANT MARINE—PASSENGER TRAFFIC also subdivision under Caspian Sea

MERCHANT SEAMEN

Nikitin, M. I., and E. L. Kats, comps. [Under their country's flag] Pod flagom Rodiny [Leningrad] Lenizdat, 1961. 156 p.

MERCHANT SHIPS—PASSENGER ACCOMODATIONS

Moscow. T'sentral'nyi nauchno-issledovatel'skii institut ekonomiki i ekspluatatsii vodnogo transporta. [Economic and operational problems connected with improving the work of the merchant marine] Ekonomiko-ekspluatatsionnye problemy uluchsheniia raboty morskogo transporta. Pod red. IA. D. Kantorovicha. Moskva, Izd-vo "Morskoi transport," 1961. 102 p.

MERCUROPHYLLINE

Comparative evaluation of mercusal and novurit in circulatory insufficiency. M. F. Chatskis. Med. zhur. Uzb. no. 3,41-45 Mr '60.

MERCURY

Adsorption of diethylmercury by activated carbon. I. I. Zemskov, G. I. Sidel'nikova. Zhur. prikl. khim. 35 no. 2;466-468 F '62.

Diffusion of selenium and mercury in solid and liquid tellurium. Sh. Movlanov, A. A. Kuliev. Fiz. tver. tela 4 no. 2;542-545 F '62.

MERCURY—TOXICOLOGY

Measures for preventing chronic poisoning with mercury vapors. I. A. Mikhailov. Voen.-med. zhur. no. 8;10-13 Ag '61.

Possibility of mercury contamination of physics laboratories in high schools. V. I. Petrov, E. B. Turovskaia, M. E. Obrazteova. Gig. truda i prof. zab. no. 2 58 '61.

MERCURY COMPOUNDS

p-Dimethylaminophenylmercury derivatives of aminobenzo compounds. A. N. Nesmeianov, D. N. Kravtsov. Dokl. AN SSSR 142 no. 5;1088-1090 F '62.

Reactions of the substitution of halogen for mercury atom combined with saturated carbon atom. Report No. 4. Interaction between benzyl mercury chloride and bromine in carbon tetrachloride. I. P. Beletskaia, O. A. Reutov, T. A. Azizian. Izv. AN SSSR Otd. khim. nauk no. 2 227-227 F '62.

MERCURY ELECTRODES see Electrodes, Mercury

MERCURY MINES AND MINING see subdivision under Asia, Central

MERCURY ORES

Some relationships between mineralogical-geochemical and geological-structural characteristics of ore fields of the antimony-mercury complex. M. A. Kurashk, G. A. Bulkin, A. P. Bol'shakov. Dokl. AN SSSR 142 no. 2, 425-428 Ja '62.

MERCURY ORGANIC COMPOUNDS

Methyl mercury pentachlorophenolate, a new fungicide. IU. A. Ol'dekop, N. A. Maier. Dokl. AN BSSR 6 no. 2; 107-108 F '62.

Synthesis of organomercuric nitro compounds. Report No. 5. Addition of mercuric salt of trinitromethane to unsaturated alcohols. S. S. Novikov and others. Izv. AN SSSR Otd. khim. nauk no. 2,272-276 F '62.

Synthesis of some organomercuric salts of the type $XC_6H_4CH(HgBr)CO_2C_2H_5$ Part 2. I. P. Beletskaia, O. A. Reutov, G. A. Artamkina. Zhur. ob. khim. 32 no. 1 241-244 Ja '62.

MERCURY OXIDE

Physical properties of yellow mercuric and red mercurous oxides. A. R. Turki and others. Dokl. AN SSSR 142 no. 5;1095-1097 F '62.

MERCURY SALTS

Synthesis of organomercuric nitro compounds. Report No. 6: Mechanism of the direct addition of mercury salt of trinitromethane to the double bond. S. S. Novikov and others. Izv. AN SSSR, Otd. khim. nauk no. 2;276-281 F '62.

MERCURY SULFIDE—OPTICAL PROPERTIES

Optical properties of black mercury sulfide. F. I. Kreingol'd. Fiz. tver. tela 4 no. 2;560-562 F '62.

MERCURY SULFIDE—SPECTRA

Optical and photoelectric properties of mercury sulfide in the region of the fundamental absorption edge D I Gross, F. I. Kreingol'd Fiz. tver. tela 1 no 1:291-293 Ja '62.

MERKE—DEPARTMENT STORES

High quality of salesmanship I. TSybikov. Koop. Kazakh. 4 no 12:23-24 D '61

MERKYS VALLEY—PASTURES AND MEADOWS

Characteristic features of flood land meadows in the Merkys Valley. M. Natkevicaite-Ivanauskiene Bot zhur. 47 no. 1: 118-121 Ja '62.

MEROCYANINES

Synthesis of dimerocyanine dyes, derivatives of 1, 3 diazo-substituted imidazolidinones M. V. Deltkmeister, L. D. Zhilina. Trudy NIKFI no. 40:26-33 '60

MERSALYL

Comparative evaluation of mercusal and novurit in circulatory insufficiency. M F. Chatskis Med zhur Uzb no 3 41-45 Mr '60

MERV—POTTERY, MOHAMMEDAN

Zoomorphic designs on pottery with stamped ornamentation from the potter's workshop in the potters' quarter of old Merv from the 12th to the beginning of the 13th century. S. B. Lunina Trudy TashGU no 172 81-102 '60.

MERV—PROJECTILES

Ceramic projectiles from Merv. Z I. Usmanova Trudy TashGU no. 172:32-43 '60.

MESABI RANGE—MINE HAULAGE

Transportation in the iron-ore pits of the Mesabi Range (from foreign periodicals). L N Voronin Gor. zhur. no. 7:58-60 Jl '61

MESENTERY—HYDATIDS

Case of incrusted parasitic cyst of the transverse mesocolon A. V. Sheratnev. Vest rent. i rad 36 no 4:81 Jl-Ag '61.

MESENTERY—TUMORS

Case of a hemorrhagic cyst in the mesentery proper in a 6-year old girl. B. D. Sverdlik Nov khir. arkh. no. 4: 101-102 Jl-Ag '60.

Lymphangioma cysticum of the mesentery of the small intestine. N.A. Kolsanov. Kaz. med. zhur. no. 6:59-60 N-D '61.

MESHCHANINOV, ALEKSANDR IVANOVICH, 1870-

Professor Aleksandr Ivanovich Meshchaninov, on the 80th anniversary of his birth Nov khir arkh. no. 1 124-125 Ja-F '60.

MESHCHERSKII, IVAN VSEVOLODOVICH, 1859-1935

Outstanding Soviet specialist in rocket dynamics. A. Grigor'ian. Kryl rod. 12 no 10:27 O '61.

MESONS

Balashov, V. V., V. B. Ballaev, and R. A. Eramzhian. [Calculation of two-nucleon correlations in the theory of μ^--capture by light nuclei] Uchet dvunukloninykh korrelitatsii v teorii μ^--zakhvata legkimi iadrami Dubna, Ob"edinennyi in-t iadernykh issledovanii, 1962. 11 p. [With summary in English]

Domokos, G. [Asymptotic behavior of the vertex part in the pseudoscalar meson theory] Ob asimptoticheskom povedenii vershinnoi chasti v psevdoskaliarnoi mezonnoi teorii. Dubna, Ob"edinennyi in-t iadernykh issledovanii, 1962. 6 p. [With summary in English]

Electron activation of mesic atoms. A. E. Ignatenko, M. G. Petrashku, D. Chultem. Zhur. eksp. i teor. fiz 42 no. 2:646-647 F '62.

Excitation of collective nuclear levels in heavy μ-mesic atoms [with summary in English]. D. F. Zaretskii, V. M. Novikov. Zhur. eksp. i teor. fiz. 42 no. 2:511-519 F '62.

Experimental study of μ^--mesic atom processes in gaseous hydrogen [with summary in English]. V. P. Dzhelepov and others. Zhur. eksp. i teor. fiz. 42 no. 2: 438-448 F '62.

Hyperon production in lead by K_2^0 mesons having a mean energy of ~100 Mev. [with summary in English]. D. V. Nlagu and others. Zhur. eksp. i teor fiz. 42 no. 2:435-438 F '62.

Phenomenological interpretation of pion - pion interaction [with summary in English]. L. D. Solov'ev, Chen' TSun-mo [Ch'ên TS'ung-mo]. Zhur. eksp. i teor. fiz. 42 no. 2: 527-537 F '62.

Polarization of high-energy μ-mesons in cosmic rays [with summary in English]. V. S. Berezinskii. Zhur. eksp. i teor. fiz. 42 no. 2:485-488 F '62.

Resonance interactions of π-mesons and foreign particles; experimental data. I. V. Chuvilo. Usp fiz. nauk 76 no. 2:329-350 F '62.

MESONS—DECAY

Experimental evaluation of the probability of β-decay of the π^+-meson. Zhur. eksp. i teor. fiz. 42 no. 2: 632-634 F '62.

Further searching for the $\mu \to e + \gamma$-decay. A. I. Alikhanov and others. Zhur. eksp. i teor. fiz. 42 no. 2:630-631 F '62.

MESONS—SCATTERING

Behavior of the amplitude of elastic high-energy pion-pion scattering [with summary in English] G Domokos Zhur. eksp. i teor. fiz 42 no. 2, 538-542 F '62

Interference between the amplitudes of inelastic processes [with summary in English] I. I. Roisen, D. S. Chernavskii Zhur. eksp. i teor. fiz. 42 no 2:625-629 F '62.

Some resonance solutions of equations of low-energy pion-pion scattering [with summary in English]. V. V. Serebriakov, D. V. Shirkov Zhur. eksp. i teor fiz 42 no. 2, 610-621 F '62.

MESOPOTAMIA—ANTIQUITIES

"Culture and art of Mesopotamia and neighboring countries" by N. D Flittner. Reviewed by V. V. Pavlov Sov. arkheol 6 no 1:324-327 '62

METABASITES see subdivision under Keyvy Upland

METABOLISM

Change in the lipoid and carbohydrate metabolism in chronic myelosis under the influence of ACTH and myelosan therapy I. Z. Gorelov, B. I. Lipkovich Terap arkh. no 7:95-97 '61.

Changes in the carbohydrate and energy metabolism of the central nervous system resulting from X irradiation and gamma irradiation by Co^{60}. L. S. Cherkasova Radiobiologiia 1 no. 6:919-925 '61.

Effect of metabolism on the physical electrotonus in smooth muscles [with summary in English] M F Shuba. Fiziol. zhur. [Ukr.] 8 no. 1:54-61 Ja-F '62

Effect of some trace elements on the metabolism in sheep ill with pneumonia. E. F. Dymko. Vest. sel'khoz nauki [Kazakh.] 4 no 11:28-36 N '61.

The level of energy metabolism in lancelets. V. S. Ivlev. Dokl. AN SSSR 140 no. 5:1217-1219 O '61.

Some characteristics of digestion, water and salt metabolism and the feeding regimen in a hot climate. A. IU. IUnusov Med. zhur. Uzb. no. 6:7-12 Je '60

METABOLISM, DISORDERS OF

Change in some kinds of metabolism in splenomegalic cirrhosis of the liver. G. S. Levin. Med. zhur. Uzb. no. 6:46-50 Je '60

Some metabolic disorders in diabetes mellitus and their dynamics during compound treatment [with summary in English]. M. N Egorov. Vop. pit. 21 no 1 3-9 Ja-F '62

METACHROMASIA

Luminescent metachromasia M. V. Savost'ianova Izv. AN SSSR. Ser fiz 26 no 1, 100-102 Ja '62.

METAL CLEANING

Use of ultrasonic waves for the intensification of cleaning processes of machinery parts. O. Alaverdian, S. Balian. Prom. Arm. 5 no. 1:54-58 Ja '62.

METAL CRYSTALS

Preparation of single crystals and the crystal structure of Ti_6Sn_5 compounds V. P. Samsonov. Trudy Giprotsvetmetobrabotka no 20:136-142 '61.

METAL CUTTING

Advanced technology in metal working. S. Il'in. Prom. Arm. 5 no. 2:43-46 F '62.

Characteristics of the processing of herringbone shaped surfaces on lathes. A. V. Belov, A. S. Semenov. Energomashinostroenie 8 no. 2 37-38 F '62.

Intensifying the jet machining of metals in the medium of the cutting suspension. S. A. Dovnar, V. S. Medvedev, P. A. Chepa. Dokl. AN BSSR 6 no. 2: 100-102 F '62

Machining spherical surfaces with cutting tools having rectilinear cutting edges. V. I. Zagurskii. Mashinostroenie no. 1:27-31 Ja-F '62

Machining weld-on alloyed steel. D. D. Medvedev. Stan. i instr. 33 no. 3:33-34 Mr '62.

Speed of saw feed in the cutting of hot metal. S. M. Baranovskii. Izv. vys. ucheb. zav. ;chern. met. 5 no. 1: 204-207 '62.

Using the multiple machining method in small lot production. P. F. Gritsenko, V. IA. Fidel'. Mashinostroenie no. 1:12-17 Ja-F '62.

METAL CUTTING, ELECTRIC see Electric metal cutting

METAL-CUTTING TOOLS

Cutting properties of high-strength hard alloys. F. F. Smirnov and others. Stan. i instr. 33 no 3:27-30 Mr '62.

Device for increasing labor productivity and the precision of hand gas cutting. A. G. Semenov. Mont. i spets. rab. v stroi. 23 no 12 21-22 D '61.

History of the development of metal-cutting tools in connection with the automation of metal cutting processes. O. I. Mykhailenko. Nar. z ist. tekh. no. 7:67-73 '61.

New design of the chip-braking step. I. I. Skuratov. Stan. i instr. 33 no. 1:30 Ja '62.

Relationship between the physical state of surface layers of disk knives and the conditions of machining [with summary in English] V A. Solohub Dop AN URSR no 1 53-57 '62

Semenchenko, I. I., V. M. Matiushin, and G. N. Sakharov. [Design and construction of metal-cutting tools] Proektirovanie metallorezhushchikh instrumentov. Pod red I. I Semenchenko Moskva, Gos nauchno-tekhn. izd-vo mashinostroit lit-ry, 1962. 952 p.

METAL-CUTTING TOOLS—COOLING

Increasing the effectiveness of cooling of metal-cutting tools. V. A. Krivoukhov and others Stan. i instr 33 no 1 30-33 Ja '62.

METAL-CUTTING TOOLS—STANDARDS

Russia (1923- U S S R.) Glavnoe upravlenie nauchno-issledovatel'skikh i proektnykh organizatsii. Nauchno-issledovatel'skoe biuro tekhnicheskikh normativov. [Norms for the wear, strength and consumption of metal-cutting tools] Normy iznosa, stoikosti i raskhoda rezhushchego instrumenta. Moskva, Gos. nauchno-tekhn izd-vo mashinostroit lit-ry, 1961. 174 p.

METAL IMPLANTS see Internal fixation in fractures

METAL POWDERS

Using currents of alternating polarity in the electrolytic preparation of rhenium powder S. I. Skliarenko, L. I. Lavrov, IU P. Shamagin Izv. vys. ucheb zav. , tsvet met. 5 no. 1 111-114 '62

METALLIC FILMS

Distribution of oxide films in the zone of contact during ultrasonic welding M V Biuk Avtom. svar 15 no 3 54-57 Mr '62.

METALLIC OXIDES

Adhesion of simplest silicate melts to oxidized and unoxidized steels. A. A. Perminov, S I Popel', V. S. Smirnov. Zhur. prik. khim. 35 no 2:271-275 F '62.

Formation of a mineral at the contact of silicon carbide with iron and calcium oxides I. S Kainarskii, L F Kariakin. Dokl. AN SSSR 142 no. 4:867-869 F '62.

Interaction between the vapors of titanium tetrachloride and certain metallic oxides V. A. Il'ichev, A M Vladimirova, Titan i ego splavy no 5:245-250 '61

Thermochemical investigation of PbO - Na_2O - SiO_2 melts G. A. Topolishchev, O A. Esin, S. G. Bratishkov. Izv vys ucheb zav. , tsvet. met 5 no. 1 50-56 '62.

METALLIC OXIDES—ELECTRIC PROPERTIES

Connection between the start of reduction and the semiconductor properties of metal oxides. V. P. Elitin, IU. A. Pavlov, TSao Fu-kuan [Ts'ao Fu-k'uang]. Izv. vys. ucheb. zav ;chern. met 5 no 1:14-19 '62.

Electric conductance of solid oxide systems. Part 2: ZrO_2 - CaO system Electric conductance and transfer numbers. Z. S. Volchenkova, S. F. Pal'guev, Trudy Inst. elektrokhim. UFAN SSSR no 1:119-126 '60.

Electric conductance of solid oxides Part 3: ThO_2 - CaO system. Z. S. Volchenkova, S. F. Pal'guev Trudy Inst elektrokhim UFAN SSSR no. 1:127-130 '60.

Electromotive force method of studying the conductivity characteristics of solid oxides. S. F. Pal'guev, A. D Neuimin. Trudy Inst. elektrokhim UFAN SSSR no. 1: 111-118 '60.

METALLOGRAPHY

Aging of aluminum-magnesium and aluminum-magnesium-zinc alloys, L. N. Rogel'berg and others. Izv. AN SSSR, Otd. tekh. nauk. Met. i topl. no. 1:147-150 Ja-F '62.

Chervinkov, A. N., S. A. Kiseleva, and A. G. Ryl'nikova. [Metallographic determination of inclusions in steel] Metallograficheskoe opredelenie vkliuchenii v stali. Izd. 2., perer. i dop. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1962. 248 p.

Electron microscopy for the determination of metal texture. D I. Lainer, E. I. Krupnikova-Perlina, A. S. Bal. Trudy Giprotsvetmetobrabotka no. 20:142-147 '61.

Main types of deformation microreliefs occurring at high temperatures in polycrystalline metals with a face-centered cubic lattice, M. G. Lozinskii, N. Z. Pertsovskii. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 1: 105-126 Ja-F '62.

Matevskii, IU. B., and others. [Atlas of the micro- and macrostructure of welded joints] Atlas makro- i mikrostruktur svarnykh soedinenii Pod red. A. M. Makara. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 118 p.

Regularities in the recrystallization of metals and alloys, S. S. Gorelik. Izv. vys. uchob. zav. ;chern. met. 5 no. 1: 141-146 '62.

METALLURGICAL FURNACES

Krivandin, V. A., N. G. Molchanov, and S. L. Solomentsev [Metallurgical furnaces] Metallurgicheskie pechi. Pod obshchei red. V. A. Krivandina. Moskva, Gos. nauchno tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1962. 600 p.

Selecting fuel for nonoxidizing heating furnaces in high-temperature treatment of metal by pressure. A. E. Erinov, V. N. Kostiakov. Gaz. prom. 6 no. 12:20-24 '61.

METALLURGICAL LABORATORIES
(see also subdivision under Chelyabinsk)

At the Central Laboratory of the A A Zhdanov "Krasnoye Sormovo" Plant L A Nenaezdnikov Zav lab 28 no 1 118-119 '62

METALLURGICAL PLANTS see subdivision under Uzbekistan

METALLURGICAL PLANTS—ACCOUNTING

Improving planning indices in metallurgical plants R. D Starodubskii Stal' 22 no 2 169 F '62

METALLURGICAL PLANTS—EQUIPMENT AND SUPPLIES
(see also subdivision under Kommunarsk)

Mechanized stripping of ferromanganese ingots M. M Gladkii Metallurg 7 no 3 11 Mr '62

New equipment in metallurgical plants of the R S F S R in 1962 N I. Sheftel' Metallurg 7 no 3 1-3 Mr '62

Wagon with an ejector device for feeding the metal from the furnace to the forging hammer IU A Zhuravlev Kuz.-shtam proizv. 4 no 2 40-41 F '62

METALLURGICAL PLANTS—ESTIMATES AND COSTS

Increase the accuracy of industrial cost estimates for plants and mines in the planning stage G D Kuznetsov TSvet. met. 35 no. 2 44-49 F '62

METALLURGICAL PLANTS—QUALITY CONTROL

Greater attention to quality in steel I N Golikov. Stal' 22 no 2 97-100 F '62

METALLURGICAL RESEARCH

Objectives of the Department of Technological Sciences in the light of the Resolutions of the 22d Congress of the Communist Party of the Soviet Union. A.A. Blagonravov. Izv. AN SSSR Otd. tekh. nauk. Met i topl. no. 1 3-14 Ja-F '62.

Sologub, N. A., B. N. Il'in, and K. A. Ipatov. [Laboratory research on the technology of metals] Laboratornye raboty po tekhnologii metallov Moskva, Mashgiz, 1961 294 p

METALLURGY

Batkov, A. A. [Selected works] Izbrannye trudy. Moskva, Gos nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 327 p

Gol'dshtein, N. L. [Short course on the theory of metallurgical processes] Kratkii kurs teorii metallurgicheskikh protsessov. Sverdlovsk, Gos nauchno-tekhn izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 334 p

Sevryukov, N. N., B. A. Kuz'min, and E. V. Chelishchev. [General metallurgy] Obshchaia metallurgiia. 2. izd., perer. i dop. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1962. 583 p.

METALLURGY—ABSTRACTS

[Metallurgy.] Ref. zhur., Met. no. 2 F '62

METALLURGY—CONGRESSES

Conference on Surface Phenomena in Metallurgical Processes A. I. Beliaev Izv vys. ucheb zav., tsvet met 5 no 1 161-162 '62

Second All-Union Conference of the Scientific Technological Society for Ferrous Metallurgy D. A Smolianenko Metallurg 7 no 3 39 Mr '62

METALS

Abramov, P. R., and V. G Zaitsev. [Metal and electric household goods and appliances] Metallokhozlaistvennye i elektrobytovye tovary. Izd 2., perer i dop. Moskva, Gos. izd-vo torg. lit-ry, 1961 309 p

Materials for the future V Parfenov. Starsh -serzh no 10-21 O '61.

Mechanism of metal silicification [with summary in English] V. K. Titov, IE F Makarov. Dop AN URSR no 1 50-53 '62

Mechanism of the complexing reactions between ions of some bivalent metals and 8-hydroxyquinoline azo derivatives. A. I. Cherkesov. Dokl. AN SSSR 142 no. 5: 1098-1100 F '62.

Naumov, V. P., and K. P. Malyshkin. [Efficiency promoters striving for a saving of metal] Ratsionalizatory v bor'be za ekonomiiu metalla Pod red. A. V. Kovalenko Moskva, Mashgiz, 1961. 38 p. (Biblioteka mashinostroitelia. Serlia "Za ekonomiiu metallov i elektroenergii")

METALS—ANALYSIS

Certain properties of formaldoxime and its reactions with metal ions [with summary in English]. Z. Marczenko, J. Minczewski. Zhur. anal. khim 17 no. 1: 23-27 Ja-F '62.

Possibility of a repeated determination on a stationary mercury drop in determining ultramicroimpurities M. S. Zakharov, A G. Stromberg. Zav lab. 28 no 1: 13-15 '62.

METALS—FATIGUE

Equation for fatigue diagram. M. P. Markovets. Zav. lab. 28 no. 1, 87-91 '62.

Methods for investigating fatigue failure in metals based on the change of losses in magnetic reversal O I. Gushcha. Zav. lab. 28 no 1: 75-78 '62

Micromechanical testing of metals for endurance in liquid media by the use of variable tension-testing machines G. G Maksimovich, G V Karpenko Zav lab. 28 no 1 91-94 '62

Sorensen, S. V. ed. [Strength under nonstationary loading conditions] Prochnost' pri nestatsionarnykh rezhimakh nagruzki. Kiev, Izd-vo Akad. nauk USSR, 1961. 294 p.

[MICROFILM]

METALS—HARDENING

Theory of Cottrell's atmosphere. G. L Krasko, B. IA. Liubov. Dokl. AN SSSR 142 no. 2 326-329 Ja '62.

METALS—HEAT TREATMENT

Studying the structure of a solid solution, taking the conditions of crystallization and heat treatment into account M. I. Zakharova, I. A. Khatanova Izv AN SSSR. Ser fiz 26 no 3 345-348 Mr '62

METALS—PICKLING

Pickling baths with a steel shell B. Nikonov, V. Ellistratov Metallurg 7 no. 3 32-33 Mr '62

METALS—SULFUR CONTENT

Solubility of calcium sulfide in calcium oxide - magnesium oxide - silica melts. A. S. Panov, I. S. Kulikov, L. M. TSylev. Izv. AN SSSR. Otd. tekh. nauk Met. i topl. no. 1 42-45 Ja-F '62.

METALS—TESTING

Design diagrams for the dependance of the resistance to deformation on the time length and degree of deformation. L. B. Zlotin, M. Z. Ermanok. TSvet. met. 35 no. 2: 66-69 F '62.

Glazov, V. M., and V. N. Vigdorovich. [Microhardness of metals] Mikrotverdost' metallov Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1962 224 p.

METALS, EFFECT OF RADIATION ON

Contact melting of irradiated crystals. I G Berzina, P A. Savintsev Kristallografiia 7 no. 1 159-162 Ja-F '62.

METALS, EFFECT OF TEMPERATURE ON

Comparison of structural changes in nickel caused by deformation at 1.2° and 300° K and subsequent creep. I A. Gindin, V V. Kozinets, IA. D. Starodubov. Fiz. tver. tela 4 no. 2 465-469 F '62.

Conditions for Zn and Cd condensation in the second (lower) cut-off temperature region. L. S. Palatnik, N T. Gladkikh. Fiz tver. tela 4 no 2 424-428 F '62.

Durability of perlite steel under the effect of temperature changes. L. E. Fedotova. Teploenergetika 9 no. 2: 66-69 F '62.

Effect of alloying elements on the corrosion resistance of welded joints in 1Kh18N9T steel subjected to prolonged heat treatment at 350 - 650°. D. M Shashin, N IU. Pal'chuk. Avtom. svar 15 no. 3 32-36 Mr '62.

Main types of deformation microrelicfs occurring at high temperatures in polycrystalline metals with a face-centered cubic lattice. M. G. Lozinskii, N. Z. Peltsovskii. Izv. AN SSSR, Otd. tekh. nauk. Met. i topl. no. 1: 105-126 Ja-F '62.

Mechanism of structural phase transformations during steel heating and heat treating practices V D. Sadovskii Metalloved. i term obr met no 3 2-7 Mr '62

Phase recovery in the system aluminum - copper - lithium. Z. A. Svidenskaia, N. I. Turkina. Izv. AN SSSR, Otd. tekh. nauk. Met. i topl. no. 1, 151-155 Ja-F '62.

Second (lower) cutoff condensation temperature of In, Sn, Pb, and Bi. L. S. Palatnik, N. T. Gladkikh, M N Naboka. Fiz. tver. tela 4 no. 1: 202-206 Ja '62.

METALS, GASES IN see Gases in metals

METALS, RARE AND MINOR

Relationships between the niobium, uranium, and thorium contents in rare metal carbonatites. N. N. Borovko. Zap Vses. min. ob-va 90 no. 6: 637-642 '61.

METALS, RARE AND MINOR—CONGRESSES

Conference on the chemistry of rare elements. V. G. Tiptsova. Zhur. anal. khim. 17 no. 1: 3 of cover Ja-F '62.

METALS AT HIGH TEMPERATURES

Certain mechanical properties of ceramics on an aluminum-oxide base and hard alloys at high temperatures. I. S. Brokhin, I. I Ol'khov, A. B Platov. Sbor. trud VNIITS no. 2 113-128 '60.

Mechanism of copper oxidation at high temperatures. D. I. Lainer, E. I. Krupnikova-Perlina. Trudy Giprotsvetmetobrabotka no. 20: 20-27 '61.

New pyrometric method based on the ratio of two fluxes of total radiation, and the "spectral weight" temperature of a black body and of metals. D. IA. Svet. Dokl. AN SSSR 142 no. 2: 334-336 Ja '62.

METALS AT LOW TEMPERATURES

Effect of low-temperature deformation on the subsequent aging in armco iron. N. N. Davidenkov, V. D. IAroshevich. Fiz. tver. tela 4 no. 1: 8-13 Ja '62.

Theory of the heat conductivity of antiferromagnetics at low temperatures. G. I Urushadze. Fiz. tver. tela 4 no 2: 350-356 F '62.

METALWORK

Doineko, V. G. [New methods for continuous form rolling of screw threads and other profiles] Novye sposoby nepreryvnogo nakatyvaniia rez'b i drugikh profilei Moskva, Mashgiz, 1961. 156 p.

Effect of distortion processes on the shaping of the actual profile of shafts and cylinder bushings. S P. Semenov Trudy LKI no. 32 87-96 '60

Vedeneev, N. P., A. I. Volchenkov, and A. S. Novgorodov. [Hard-alloy engineering equipment; dies and pressmolds] Tverdosplavnaia tekhnologicheskaia osnastka, shtampy i press-formy Leningrad, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961 119 p.

METALWORK—TESTING

Sologub, N. A., B. N. Il'in, and K. A. Ipatov. [Laboratory research on the technology of metals] Laboratornye raboty po tekhnologii metallov. Moskva, Mashgiz, 1961 294 p

METALWORKERS see subdivision under Kolpino

METALWORKERS—DISEASES AND HYGIENE see subdivision under White Russia

METALWORKING LUBRICANTS

Effect of the physicochemical nature of lubricant on its effectiveness in pressure treatment of metals. V. M. Korbut, S. IA. Veiler, N. V Petrova. Dokl. AN SSSR 140 no 5: 1118-1120 O '61.

Increasing the effectiveness of cooling of metal-cutting tools. V. A. Krivoukhov and others. Stan. instr. 33 no. 1 30-33 Ja '62

METALWORKING MACHINERY—MAINTENANCE AND REPAIR see subdivision under United States

METAMORPHISM (GEOLOGY)

Alternations of enclosing rocks and mineralization stages in the Vavilonsk deposit (Rudnyy Altai) B. I. Zlenko Geol. rud. mestorozh no. 1: 7-34 Ja-F '62

Metamorphism of coal in the Donets Basin. M L. Levenshtein. Sov geol. 5 no. 2: 61-79 F '62.

Recent hydrothermal metamorphism of igneous rocks. S. I Naboko. Sov. geol. 5 no. 1: 131-135 Ja '62.

METASOMATISM
(see also subdivision under Altai Mountains)

Geochemistry of titanium during the metasomatic process. G. A. Sokolov, D. I Pavlov Dokl AN SSSR 142 no 3 445-448 Ja '62.

Role of metasomatism in the genesis of granitoid rocks and postmagmatic formations in the southern part of the Gissar Range (southern Tien Shan). R. B. Baratov, A Kh Khasanov Dokl AN SSSR 142 no. 6 1355-1358 F '62.

METASTASIS

Treatment of metastases in malignant maxillary tumors. G P. Ioannidis Med. zhur. Uzb no. 6: 53-54 S '61

METEORITES
(see also subdivision under Belgorod Province; Podkamennaya Tunguska Valley)

Krinov, E. L. [Celestial stones; meteors and meteorites] Nebesnye kamni; meteory i meteority. Moskva, Voen. izd-vo M-va oborony SSSR, 1961. 85 p (Nauchno-populiarnaia biblioteka)

METEOROLOGICAL INSTRUMENTS

Critical evaluation of methods and apparatus for experimental study of the wind structure. A. R. Konstantinov. Trudy UkrNIGMI no. 26: 111-136 '61.

Errors of inertial apparatus measuring the temperature and humidity of the air in a thermally heterogeneous atmosphere. A R. Konstantinov. Trudy UkrNIGMI no. 26, 145-157 '61.

Marine gradient apparatus for studying the temperature and atmospheric humidity fields. M. M. Bogoroditskii. Trudy MGI 25: 57-64 '62.

Sounding the lower atmosphere during fogs. L. Z. Prokh. Trudy UkrNIGMI no. 26: 137-144 '61.

METEOROLOGICAL STATIONS

At the geophysical station. A. A. Krutov. Put' i put. khoz. 6 no. 2: 21 '62.

METEOROLOGY

Characteristics of the weather and atmospheric circulation in the winter of 1960-1961. T. F. Batinova, L. S. Minina Meteor i gidrol no. 2: 51-57 F '62

Karol', B. P. [M. V. Lomonosov and meteorology] M. V. Lomonosov i meteorologiia. Leningrad, Gidrometeor. izd-vo, 1961. 50 p.

METEOROLOGY—BIBLIOGRAPHY see Bibliography—Meteorology

METEOROLOGY—CONGRESSES

All-Union Scientific Meteorological Conference devoted to the 40th anniversary of the Hydrometeorological Service of the Soviet Union. A S. Dubov. Izv. AN SSSR. Ser. geofiz. no. 1: 136-141 Ja '62.

METEOROLOGY – CONGRESSES (Continued)

Third session of the Commission of Aerology of the World Meteorological Organization. K. T. Logvinov, A. Kh. Khrgian. Meteor. i gidrol. no. 2, 69-71, F '62.

. . . Aerology]. Izd-vo

Pt. 1. [Method of aerological measurements] Metody aerologicheskikh izmerenii. 1961. 517 p.

METEOROLOGY, AGRICULTURAL

Moscow. TSentral'nyi institut prognozov. [Applicability of agrometeorological forecasting methods in different regions of the U. S. S. R.; results of field tests] Primenimost' metodov agrometeorologicheskikh prognozov v razlichnykh raionakh SSSR, rezul'taty proizvodstvennykh ispytanii. Pod red. A. V. Protserova, E. S. Ulanovoi. Moskva, Gidrometeor. izd-vo, 1961. 156 p.

METEOROLOGY, AGRICULTURAL—STUDY AND TEACHING

Organizing agrometeorological posts in rural schools. I. N. Puchkov. Geog. v shkole. 25 no. 2:47-49 Mr-Ap '62.

METEOROLOGY, MARITIME

Accuracy of determining the wind field over the sea from the isobaric field. Iu. A. Romanov. Okeanologiia. 2 no. 1:139-143 '62.

METEOROLOGY, MARITIME—CONGRESSES

Problems of maritime meteorology at the All-Union Meteorological Conference of 1961. A. I. Sorkina. Okeanologiia. 2 no. 1:186-189 '62.

METEOROLOGY IN AERONAUTICS

Prognosis was confirmed. A. Drobot. Starsh. serzh. no. 10:25 O '61.

METEORS

Krinov, E. L. [Celestial stones; meteors and meteorites] Nebesnye kamni; meteory i meteority. Moskva, Voen. izd-vo M-va obor. oborony SSSR, 1961. 85 p. (Nauchno-populiarnaia biblioteka).

METHACRYLAMIDE

Mechanicochemical polymerization of methacrylamide in the solid state. V. A. Kargin, N. A. Plate, Van T'Sue-chzhu. Dokl. AN SSSR. 142 no. 6:1312-1315 F '62.

METHACRYLIC ACID

Acryloyl- and methacryloylpyrrolidinones. F. P. Sidel'kovskaia, M. G. Zelenskaia, M. F. Shostakovskii. Zhur. ob. khim. 31 no. 12:4060-4061 D '61.

Purification of methyl methacrylate by zonal fusion. A. G. Antkin, N. V. Ormaneta. Dokl. AN SSSR. 142 no. 1:817-819 F '62.

METHANE

Attention methane! K. Sergiciev. Nauka i zhyttia. 11 no. 12:30-31 D '61.

Compounds with two separate electrodonating systems. Part 3: Color phenomena in nitroacyl derivatives of p-amino-4, 4-bis(dimethylamino)- and -amino-1-dimethylaminodiphenylmethane. E. A. Smirnov. Zhur. ob. khim. 32 no. 2:581-587 F '62.

Kinetics of carbon surface growth in the thermal decomposition of methane in the temperature range from 1400° to 1700° C. I. L. Mar'iasin, P. A. Tesner. Dokl. AN SSSR. 140 no. 5:1121-1124 O '61.

Phenyl carbene from phenyllithium and methylene chloride. O. M. Nefedov, V. I. Shiriaev, A. D. Petrov. Zhur. ob. khim. 32 no. 2:662-663 F '62.

METHANE—SPECTRA

Absolute intensities of the infrared bands of deuteromethanes (comparison with experimental data). Part 9. L. M. Sverdlov. Opt. i spektr. 12 no. 1:129-131 Ja '62.

METHANESULFONIC ACID

Change in the lipoid and carbohydrate metabolism in chronic myelosis under the influence of ACTH and myelosan therapy. I. Z. Gorelov, B. I. Lipkovich. Terap. arkh. no. 7:95-97 '61.

METHANETHIOL

Improved method for preparing perchloromethyl mercaptan. P. P. Trunov, E. M. Sokolova. Khim. prom. no. 10:30-32 O '61.

METHANOL

Dehydration of trimethylcarbinol on ion exchange resins. M. IA. Klimenko, Z. N. Verkhovskaia, L. B. Vystavkina. Neftekhimiia. 1 no. 5:630-638 S-O '61.

Recovery of methanol vapors. R. M. Bekhor. Khim. prom. no. 2:142-143 F '62.

Solubility of propylene in methanol at low temperatures. I. P. Usiukin, V. M. Shleinikov. Gaz. prom. 6 no. 12:40-42 '61.

2-(β- and γ-pyridyl)-Δ^2-thiazolines. Part 5. Alkylphenyl-pyridyl-2-thiazolinyl Δ^2-carbinols. A. Banashek, M. N. Shchukina. Zhur. ob. khim. 32 no. 1:205-208 Ja '62.

Using methanol extract from the middle cut of shale tar in the flotation of coal. N. I. Zelenin and others. Khim. i tekh. gor. slan. i prod. ikh perer. no. 8:102-116 '60.

METHANOL—TOXICOLOGY

Rare case of severe poisoning by methanol fumes. M. M. Shevelev. Voen.-med. zhur. no. 8:85 Ag '61.

METHIONINE

Inner-complex compounds of bivalent platinum with methionine. L. M. Volshtein, M. F. Mogilevkina. Dokl. AN SSSR. 142 no. 6:1305-1307 F '62.

METHYL GROUP

Homogenous demethylation of toluene. Report No. 1. Basic indices of the process at 750-790°C. M. G. Gonikberg and others. Neftekhimiia. 1 no. 1:46-53 Ja-F '61.

METHYLATION

Demethylation of toluene by conversion with water vapor. G. N. Maslianskii, G. L. Rabinovich. Neftekhimiia. 1 no. 2:182-186 Mr-Ap '61.

METHYLENE BLUE

Effectiveness of the decolorization reaction of methylene blue in malignant neoplasms. A. S. Gazarian. Azerb. med. zhur. no. 8:61-62 Ag '61.

METHYLSULFURIC ACID

Isotopic method used in studying the hydrolysis of salts of methylsulfuric and ethylsulfuric acids. I. P. Grigorov, A. M. Tarasenko. Zhur. ob. khim. 31 no. 12:3878-3880 D '61.

METTERNICH-WINNEBURG, CLEMENS LOTHAR WENZEL, 1773-1859

How an American bourgeois historian idealizes the work of Metternich. I. A. Nikitina. Vop. ist. no. 2:200-201 F '62.

MEXICO—HISTORY—PERIODICALS

"Historia Mexicana," a Mexican periodical. M. S. Alperovich. Vop. ist. no. 2:178-187 F '62.

MGACHI REGION—GEOLOGY, STRATIGRAPHIC

Detailed stratigraphy of the Upper Due series of the Mgachi coal deposit on Sakhalin. K. M. Obmoryshev. Trudy VNIGRI no. 181, 88-94 '61.

MICA

(see also subdivision under Novo-Ukrainka District)

Improve the technology of mining mica. N. I. Evlampiev. Gor. zhur. no. 10, 23-24 O '61.

MICROBIOLOGICAL RESEARCH

Microbes as power engineers. O. Rozhen. Nauka i zhyttia. 11 no. 12:20-21 D '61.

MICROBIOLOGY

Magicians are looking for work. R. Pedol'nyi. Nauka i zhizn' 28 no. 12:30-32 D '61.

MICROBIOLOGY—BIBLIOGRAPHY see Bibliography—Microbiology

MICROCEPHALY

Rare case of longevity in a microcephalus. E. S. Stankevich. Kaz. med. zhur. no. 6:65-66 N-D '61.

MICROCLIMATOLOGY

"The procedure of microclimatic observations and compilation of microclimatic maps for state and collective farms in the temperate zone of the U. S. S. R." Reviewed by V. E. Petrov. Meteor. i gidrol. no. 2:63-64 F '62.

MICROCLINE

Peculiar type of recrystallization in pegmatites. V. V. Gordienko. Mat. po min. Kol'. poluost. 1:20-24 '59.

MICRO-ORGANISMS

Microflora of semidesert stony "Kirov" soils and their change under cultivation. A. I. Minasian, A. D. Nalbandian. Agrobiologiia. no. 6:842-848 N-D '61.

MICRO-ORGANISMS, NITROGEN-FIXING

Freeze-drying pure cultures of nodule bacteria. M. I. Goriaev, Z. S. Seitov, Z. M. IAkovleva. Vest. AN Kazakh. SSR. 18 no. 1:107 Ja '62.

MICRO-ORGANISMS, PATHOGENIC

Effect of fluxes on the infestation of liver by microflora. S. Mikhniuk. Mias. ind. SSSR. 32 no. 6:31-33 '61.

MICROPALEONTOLOGY see subdivision under Azerbaijan; Black Sea Lowland; Soviet Central Asia

MICROPHONE

News reporter's 82A-9 microphone. Tekh. kino i telev. 6 no. 2, 4 of cover F '62.

MICROSCOPE

High-temperature microscope. N. A. Toporov and others. Vest. AN SSSR. 32 no. 3:46-48 Mr '62.

Portable metallographic microscope. L. A. Chukhrin. Energetik. 10 no. 3:16 Mr '62.

MICROSCOPY

Collimating mounting of a sample on a specimen screen. O. I. Gushcha. Zav. lab. 28 no. 1:74 '62.

MICROTOME

Ultramicrotome. B. Klein. Tekh. mol. 30 no. 1:34 '62.

MICROWAVES

Bychkov, S. I., N. I. Durenin, and R. T. Safarov. [Frequency stabilization of UHF generators] Stabilizatsiia chastoty generatorov SVCh. Moskva, Izd-vo "Sovetskoe radio," 1962. 735 p.

Calculation of generation thresholds in a ferrite with longitudinal pumping. A. L. Mikaelian, A. A. Vasil'ev, V. S. Smorodinov. Radiotekh. i elektron. 7 no. 3:558-559 Mr '62.

Calculation of Chebychev's directional couplers with weak coupling. A. L. Fel'dshtein, E. S. Zhavoronkova. Radiotekhnika. 17 no. 1:40-50 Ja '62.

Concerning the possible use of microwave equipment for checking the performance of electric current collectors. I. A. Barsukov. Vest. elektroprom. 33 no. 2:66-71 F '62.

Efficiency of a backward-wave oscillator with decreased phase velocity of the wave along the delay system. G. N. Rapoport. Radiotekh. i elektron. 7 no. 3:464-467 Mr '62.

Error of the VIM-1 thermistor bridge in measuring impulse power. V. D. Frumkin. Trudy inst. Kom. stand., mer i izm. prib. no. 53:21-28 '61.

Errors of a coaxial calorimeter-type power measuring device due to unequivalent heat losses. A. V. Grigor'ev and others. Trudy inst. Kom. stand., mer i izm. prib. no. 53:10-20 '61.

Frequency stabilization of a reflex klystron using an additional cavity. G. M. Utkin, A. V. Khrunov. Radiotekh. i elektron. 7 no. 3:448-459 Mr '62.

Problem concerning the measurement of magnetodielectrics in the S band. I. A. Gilinskii, A. F. Kuracvskii. Trudy inst. Kom. stand., mer i izm. prib. no. 53:88-93 '61.

Use of a square-law detector for increasing the accuracy attenuation measurements. E. L. Strelkova. Trudy inst. Kom. stand., mer i izm. prib. no. 53:56-61 '61.

Vlasov, V. I., and IA. I. Berman. [Design of the high-frequency units of radar stations] Proektirovanie vysokochastotnykh uzlov radiolokatsionnykh stantsii. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1961. 350 p.

Waves in electron streams. G. F. Petin. Radiotekh. i elektron. 7 no. 3:468-474 Mr '62.

MICROWAVES—PHYSIOLOGICAL EFFECT

Some clinical manifestations of the chronic effect of centimeter waves [with summary in English]. E. A. Dragichina and others. Gig. truda i prof. zab. 6 no. 1:28-34 Ja '62.

MIDDLE AGES see subdivision under Armenia; Aslanbek-Sheripovo region; Kuban Valley

MIDDLE AGES—HISTORY

Looking through the pages of foreign magazines; a review of articles on medieval history. Sred. veka. no. 19:280-282 '61.

MIDDLE CLASSES

"Origin of the industrial bourgeoisie in Russia [in French] by Roger Portal. Reviewed by V. A. Fedorov. Vop. ist. no. 2:196-197 F '62.

MIDDLE EAST see Near East

MIGMATITES see subdivision under Dniester Valley; Saksagan' Valley

MIGRATION OF PLANTS see Plants—Migration

MIKENAS, JUOZAS, 1901-

Budrys, Siasys. Juozas Mikenas. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 23 p. illus. [In Lithuanian]

MIKOIAN, ARTEM IVANOVICH, 1906-

Arzumanian, A. M. [General designer A. I. Mikoian] General'nyi konstruktor A. I. Mikoian. Moskva, Gos. izd-vo polit. lit-ry, 1961. 46 p. (Geroi i podvigi)

MILI STEPPE see Kura Lowland

MILITARISM see subdivision under Germany, West

MILITARY AERONAUTICS see Aeronautics, Military

MILITARY AIRPLANES see Airplanes, Military

MILITARY ART AND SCIENCE

[Application of the theory of games in military affairs. Translated from the English. Preface by V. O. Ashkenazy and IU. S. Golubev-Novozhilov] Primenenie teorii IGR v voennom dele; sbornik. Moskva, Izd-vo "Sovetskoe radio," 1961. 360 p.

Early history and further development of the theory of military art. I. Marievskii. Voen.-ist. zhur. 4 no. 3:26-40 Mr '62.

How to teach the history of military art. V. Bashin, A. Dorofeev. Voen.-ist. zhur. 4 no. 3:109-112 Mr '62.

MILITARY ART AND SCIENCE (Continued)

M I Dragomirov's military aphorisms Voen -ist zhur. 4 no 3 119-123 Mr '62

"The new problems of war " M N Tukhachevskii Voen -ist zhur 4 no 2 62-77 F '62

Razin, F. A. [History of military art] Istoriia voennogo iskusstva, Moskva, Voen. izd-vo M-va oborony SSSR. Vol. 3. [The art of war during the period of manufacture, the 16th and 17th centuries] Voennoe iskusstvo manufakturnogo perioda voiny XVI - XVII vv. 1961. 733 p.

MILITARY ART AND SCIENCE—BIBLIOGRAPHY see Bibliography—Military art and science

MILITARY ART AND SCIENCE—DICTIONARIES

Borisov, V. V., and others, comps. [Dictionary of foreign military abbreviations] Slovar' inostrannykh voennykh sokrashchenii. Pod red. M. P. Egorova. Moskva, Voen. izd-vo M-va oborony SSSR, 1961. 891 p.

MILITARY ASSISTANCE, AMERICAN see subdivision under Vietnam, South

MILITARY BASES, AMERICAN see subdivision under Azores

MILITARY COMMUNICATIONS see Communications, Military

MILITARY DISCIPLINE

Everything is important if it concerns military discipline. S. Komarov Komm Vooruzh. Sil 2 no.5 27-30 Mr '62.

He asked for it P Shvets Starsh. -serzh no. 11-35 O[i e N] '61

Let us talk about the development of conduct IU Voronsov. Starsh -serzh no 11 29 O[i e N] '61

To forewarn means to avert. Vest. Vozd. Fl. no. 11:30 N '61

MILITARY EDUCATION
(see also subdivision under Archangel Province; Bulgaria, Lithuania, Tatar A.S.S.R.)

Along the path of growth. N. M. Lisun. Vest. protivovozd. obor no 10,42-45 O '61.

At a new stage I. Semenkin. Voen vest. 41 no. 10-57-59 O '61

At the first call of the party M. Soltar. Voen vest. 41 no 10 38 O '61

Communists are in the lead P. Rubtsov. Voen vest 41 no 10 51-53 O '61

"The company is a center for educational work " Voen vest 41 no 10 125 O '61

Develop public initiative on a broader scale. V. Tugarin Voen znan 38 no 3 15-16 Mr '62

Direct all efforts to the goals outlined N Egorov. Voen vest 41 no. 10 92-93 O '61.

Give us advice, comrade teacher! IA. Fainshmidt Voen. vest 41 no 10 36-37 O '61

Having stepped over the threshold of the barracks B. Trofimenko Starsh -serzh no. 11 14-15 O[i e. N] '61

Here's a leader also. V Alekseevskii, Z Estrin. Voen vest 41 no 10 17-22 O '61.

In the campaign to be an advanced company G Afonin. Voen vest 41 no 10 31-34 O '61

In what does the essence of training lie. V Lutskov. Starsh -serzh no 11 18-19 O[i e. N] '61

Leading people summon us forward! Voen vest. 41 no. 10 13-16 O '61

Let us give a fitting salute to the Fifth Congress of the All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy Voen. znan. 38 no 3:1 Mr '62.

Lukov, G. D. [Training the will of Soviet soldiers] Vospitanie voli u sovetskikh voinov Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 94 p.

Military service is their profession. I. Kulikov, V. Filippov Komm Vooruzh. Sil 2 no. 5-66-69 Mr '62.

Sergeants attend meetings on methodology. Starsh.-serzh. no. 11 15 O[i. e N] '61.

Service has begun for a soldier. A Suetin. Starsh -serzh no 10 10 O '61

Thought in military activity. N. Fedenko. Komm. Vooruzh. Sil 2 no. 4:46-54 F '62.

To new goals. I. Kosarev. Voen. znan. 38 no. 1:15-16 Ja '62.

Voice of patriots. Voen. vest. 41 no. 10 9-10 O '61.

We are devoting deeds and words to the party. O. Nazarov Vest. Vozd Fl. no. 11:9-13 N '61.

With a thought for each soldier. L. Broshnin. Starsh. -serzh. no. 10:34 O '61.

Work, skill, will. P Shapranov, I. Terent'ev. Voen. vest. 41 no. 10-56 O '61.

MILITARY ENGINEERS

The 250th anniversary of the engineer troops. Voen. -ist. zhur. 4 no. 2 127-128 F '62.

MILITARY FIELD ENGINEERING

Firm habits. N. Fofanov Voen. vest. 41 no. 10:88-89 O '61.

Strong, enduring. G. Novoselov. Voen. vest. 41 no. 10: 94 O '61.

MILITARY HISTORY—STUDY AND TEACHING

Inculcating glorious battle traditions into young servicemen N. Kravchun Voen -ist. zhur 4 no. 3 3-11 Mr '62

MILITARY LAW

Moscow. Voenno-politicheskaia akademiia. [Basic principles of Soviet military law] Osnovy sovetskogo voennogo zakonodatel'stva, posobie dlia ofitserov Sovetskoi Armii i Voenno-Morskogo Flota. Moskva, Voen. izd-vo M-va obor. SSSR, 1962. 351 p.

MILITARY MEDICINE see Medicine, Military

MILITARY MUSIC—HISTORY AND CRITICISM

Novelties of band music. V. Berkov. Sov. muz. 26 no. 2:52-54 F '62.

MILITARY OFFENSES

Rulings of the Military Collegium of the Supreme Court of the U. S. S. R. Biul. Verkh. Suda no. 6 21-23 '61.

MILITARY RADAR see Radar, Military

MILITARY RADIO see Radio, Military

MILITARY SHOOTING see Shooting, Military

MILITARY SPORTS

Courage is born in sports. Starsh. -serzh. no. 9-38-39 S '61.

Fine military motto. Starsh. -serzh. no. 10-38-39 O '61

For the benefit of the military A. Gorbachev Voen. vest. 41 no 10 35 O '61.

MILITARY TRANSPORTATION see Transportation, Military

MILK see subdivision under Ryazan Province

MILK—MICROBIOLOGY

Milk microflora and ways for improving its quality. A. A Khrul'kevich Trudy BSKHA 34:130-147 '61

Speeded up methods for determining tuberculosis bacteria in milk. I. I. Arkhangel'skii, V. M. Kartashova. Veterinariia 39 no. 1:73-77 Ja '62.

MILK—PASTEURIZATION

Over-all electrification of milking and milk processing operations. P Rubtsov, I Sin'kov, N Cherniaev Tekh v sel'khoz 22 no 1 17-22 Ja '62

MILK PLANTS see subdivision under Ulan Bator

MILK TRADE—COSTS see subdivision under Belgorod Province

MILK VETCHES
(see also subdivision under Kopet-Dag, Nakhichevan A.S.S.R.; Turkmenistan)

Nodules in milk vetches. I. A. Pankova, A. A. Nikitin. Trudy Bot. inst. Ser. 5 no. 10:256-261 '62.

Structure and germination of seeds of Astragalus denissimus Boriss. and Astragalus piledocladus Freyn et Sint. I. A. Pankova, A. A. Nikitin Trudy Bot. inst. Ser. 5 no. 10:150-168 '62.

Structure of some guttiferous milk vetches during the early stages of ontogenesis. I. A Pankova, A. A. Nikitin. Trudy Bot. inst. Ser. 5 no 10:169-189 '62

MILK VETCHES—ANATOMY

Comparative and anatomical investigation of some guttiferous milk vetches. A A. Nikitin. Trudy Bot. Inst. Ser. 5 no. 10-262-269 '62.

MILKING

Over-all electrification of milking and milk processing operations. P. Rubtsov, I Sin'kov, N Cherniaev. Tekh v sel'khoz 22 no. 1 17-22 Ja '62.

MILKING MACHINES
(see also subdivision under Nizhin)

Economic indices of the use of various milking units. A. A. Ivanov. Dokl. i soob. VNIESKH no 11:83-89 '61

MILKY WAY

The K effect and the spiral structure of the Galaxy [with summary in English]. I. L. Genkin. Astron. zhur. 39 no. 1:15-21 Ja-F '62.

MILLET
(see also subdivision under Mordovia)

"Millet" by A. A. Kornilov. Reviewed by I. N. Efagin. Zemledelie 24 no. 1:87-89 Ja '62.

MILLINERY

Newest hat styles. Mest. prom. i khud. promys. 3 no. 2:38-39 F '62.

MILLING MACHINERY

Contactless BMR-3 magnetic regulator. P. Erokin, G. Bondarev. Prom. Arm. 6 no. 1:34-36 Ja '62.

MILLING MACHINERY—MAINTENANCE AND REPAIR

Device for the removal of discs from the shafts of ShMA and ShMT shaft mills. P. V. Shchukin, I. A. Shchitov. Energetik 10 no. 2:13-14 F '62.

MILLING MACHINES

Machine for milling two flats on fixture parts. M P. Feldman, E. N. Savinykh Mashinostroenie no 1 102 Ja-F '62

Portable machine for shabot repair. M. M. Rylesbnikova and others Mashinostroitel' no 2-22 F '62.

The 6P28 automatic single-spindle milling machine. V. I. Kosovskii Biul tekh -ekon inform. no 1:24-26 '62

The 6P76 multipurpose machine for milling metal-cutting tools. V. V. Ianev. Biul tekh. -ekon. inform no. 1: 26-29 '62.

MIND AND BODY

"Development of the psyche in the process of the evolution of living beings" by N. N. Ladygina-Kots Reviewed by S. N. Arkhangel'skii. Vop. antr. no 5:161-162 '60.

MINE ACCIDENTS see subdivision under Krivoy Rog Basin; Lugansk Province

MINE BUILDINGS

For a further improvement of mine surface buildings and structures Ugol' Ukr. 6 no 1,45 Ja '62.

MINE COMMUNICATIONS

Sparkproof d. c. telephone relay system. M. A. Rol'nik. Ugol' Ukr. 6 no. 1,30-30 Ja '62.

MINE DRAINAGE see subdivision under Chernoye Lake region; Kursk Magnetic Anomaly

MINE DUSTS
(see also subdivision under Cholyabinsk Basin; Donets Basin)

Determining the dust content of air by the weighing method. A. A. Kekin, S. TSoi, A. N. Stakhanov. Izv AN Kazakh. SSR. Ser. gor. dela no. 1:79-85 '61.

Effect of fogging on the settling of fine dust after blasting in driftlike workings. G. A. Radchenko. Izv. AN Kazakh SSR. Ser. gor. dela no. 1:101-104 '61

Effect of preliminary wetting of the K_{12} Verkhnyaya Marianna seam on the quality of mined coal G. P. Panov, S. A. IUnusov Ugol' 37 no 3:47-48 Mr '62

New sprayer attachment of the "Donbass-1" cutter-loader. A. D. Sukach, I. T. Loleka. Ugol' Ukr 6 no. 1:36-37 Ja '62.

Using water to reduce the dust content of air in mines (from "Bergbautechnik," no. 5, 1961). D. V. Shishkov Shakht stroi 6 no. 2:31-32 F '62

MINE DUSTS—SAFETY MEASURES

Air dustiness due to wet boring of horizontal holes. P. E. Feltgeim, A. I. Litanov. Bez. truda v prom. 6 no. 1:20-21 Ja '62.

MINE FILLING

Use of scrapers for gobbing in wide work entry driving. G. P. Fedorov. Ugol' Ukr 6 no. 2:30-31 F '62

MINE FIRES
(see also subdivision under Tekeli region)

Control of mine ventilation in case of fire. P. A. Abramov, I. M. Moslin, O. A. Kremnev Ugol' Ukr. 6 no. 2: 41-42 F '62.

MINE FIRES—SAFETY MEASURES see subdivision under Kuznetsk Basin

MINE GASES
(see also subdivision under Donets Basin; Karaganda Basin)

Causes of outbursts. I. M. Pochuk, V. I. Zenin. Sbor. trud. Inst. gor. dela AN URSR no 8:83-87 '61.

Determining the working conditions of the water ring vacuum pumps of gas removal systems. V. G. Iavrik Ugol' Ukr. 6 no. 1:25-26 Ja '62.

Experience of Karaganda Basin mines in operating without special gasmen. I. S. IAtsenko, P. A. TSkhe Ugol' 36 no 7 44-46 Jl '61.

Miroshnichenko, V. D. [Gas inspector; handbook for gas inspectors and workers assigned to perform their duties] Gazomershchik, posobie dlia gazomershchikov i rabochikh, ispolniaiushchikh ikh obiazannosti. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 143 p.

Response to the articles of A. P. Kuznetsov "Nature of sudden gas and coal outbursts" and "Mechanics of sudden coal and gas outbursts." V. S. Veselovskii and others Ugol' 36 no 7:63-64 Jl '61.

Water separators for gas drain ducts. A. V. Belov, I. I. Maslianskii. Ugol' 37 no. 2:49-50 F '62.

MINE HAULAGE
(see also subdivision under Germany, East; Mosabl Range; Zyryanovsk region)

Automotive haulage in open-pit mines should be under the control of the mine. Gor. zhur. no. 7:78 Jl '61.

Discussion of S. G. Uvarov's article "Determining the field of application and basic parameters of coal loading in mines without the use of bins." M. I. Smorodinov. Ugol' 37 no. 2:53-54 F '62.

Effect of powered transportation of miners to the longwall on their labor productivity. I. V. Chernov. Ugol' 37 no. 2:42 F '62.

MINE HAULAGE (Continued)

Improve the designing and manufacturing of apparatus for automatic control of mine transportation. V. S. Mazurok. Gor. zhur no. 10 24-25 O '61

Increasing the operating capacity and improving the safety of automatic coal car change on the surface. IU N Kamynin Ugol' 36 no 7 24-27 Jl '61

Mechanize the transport of timber to the faces of steeply dipping seams N A. Shkvyrskii, S. V. IArovoi Ugol' Ukr 6 no. 2,31-32 F '62

"Modern strip mine transportation" by M V. Vasil'ev. Reviewed by N S Polikakov and others Gor zhur no. 11 78-79 N '61.

Rated dependences of mine pneumatic-tube transportation. A. E. Smoldyrev. Ugol' Ukr. 6 no 1;18-20 Ja '62

Simplified graph-analysis determination of the number of gasoline locomotives required for rock, gravel, and sand open pits and a comparison of the economic efficiency of various types of gasoline locomotives A. P. Vladimirov, I. V Millukova. Sbor trud. NIIZhelezobetona no. 3:91-107 '60.

MINE HOISTING
(see also subdivision under Krivoy Rog Basin)

Bottom-dump skip. N. T. Kozyrev and others. Gor. zhur. no. 7:62-63 Jl '61.

Concerning A. E. Trop's article "Automatization of hoisting machines with asynchronous drive." V. F Volokonskii, A A. Ivanov Gor. zhur. no. 7;54-57 Jl '61

Dynamic power analysis of a standard cage. V. I. Rozdiolovskii. Ugol' Ukr. 6 no. 2;21-23 F '62.

Light-weight Kimberley-type skip. A. I. Bezlitd'ko and others. Gor. zhur. no. 7 60-62 Jl '61.

Parameters of mine lifts. V S Kvasnikov Gor. zhur. no 12 38 D '61

Semiautomatic control of the mechanisms of hoisting equipment shaft doors P. F. Krivchikov and others. Gor. zhur. no. 7;51-54 Jl '61.

Theoretical bases of calculating equipment suspended on wedge-eye rings. M. S. Bel'mes Gor. zhur. no. 12: 33-37 D '61.

MINE INSPECTION see subdivision under Kuznetsk Basin

MINE LIGHTING

"Electric lighting of coal mines" by R. IA. Naerov. Reviewed by IU. M. Buki. Bezop. truda v prom. 6 no 2, 38 F '62

MINE PUMPS

Power considerations of the electric drives of water pumping systems. G. D. Shumilin. Izv vys. ucheb. zav.; energ 5 no. 1,50-56 Ja '62.

MINE RAILROADS

Remote control of electric locomotives at loading points. L. V. Tsibetskiv, A P. Dement'ev. Gor. zhur. no. 12, 42-43 D '61.

Remote control of electric locomotives in mine transportation P. G. Makarenko, V M Blagodatnyi. Gor. zhur. no. 12 39-41 D '61.

System for mechanical washing of storage batteries. A. IA. Pavlenko. Ugol' Ukr. 6 no 1;41 Ja '62.

MINE RAILROADS—EQUIPMENT AND SUPPLIES

Instrument for fixing benchmarks E. P. Al'fontsev, I. M Tonkikh, N G. Atnashkin Ugol' 37 no. 3;59 Mr '62.

MINE RAILROADS—MAINTENANCE AND REPAIR

Press-lathe for the repair of mine car pair of wheels. F. E. Savenkov. Ugol' 37 no. 2;34-35 F '62.

MINE RAILROADS—SIGNALING

Economical and dependable automatic block-signal systems M. A Okorokov. Gor. zhur. no 11 58-62 N '61.

MINE ROOF BOLTING
(see also subdivision under China; Kentau region)

Effect of blasting on rod bolting. P. Z. Petukhov and others. Gor. zhur. no 12;27-30 D '61.

MINE SURVEYING

Experience in the use of the resection. S. A. Batugin. Ugol' 36 no 7 39-41 Jl '61.

Ogloblin, D.N. [Five-digit tables of trigonometrical functions for mine surveyors] Piatiznachnye tablitsy natural'nykh znachenii trigonometricheskikh funktsii dlia marksheiderov. 3., ispr. izd. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 180 p.

Type of survey control points in open pit mines. V. M. Zubov. Ugol' 37 no. 2;35-37 F '62.

MINE TIMBERING
(see also subdivision under Donets Basin; Nikopol' region)

Analyzing the design of props with constant resistance. V. I. Altukhov, S. I. Panasenko, V. V. Salatsinskii. Ugol' Ukr. 6 no 1;13-15 Ja '62.

Dukhman, A. S. [Manufacture of precast reinforced-concrete supports for mine workings] Proizvodstvo sbornoi zhelezobetonnoi krepi gornykh vyrabotok. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1962. 170 p.

Calculating the parameters of anchor (rod) bolting. A. T. Topalkarcev. Ugol' 37 no. 1;18-22 Ja '62

Deformations in intermittent headings in connection with the different methods of their protection N P Bezhin Ugol' 37 no. 3,18-20 Mr '62

Determination of the load on the support of a shaft. Zh. S. Erzhanov. Izv. AN Kazakh. SSR Ser. gor. dela no. 2;22-28 '61.

Determining the working load on the supports used in roof caving V. I. Kravchenko Ugol' Ukr 6 no 2: 6-9 F '62

Economic analysis of the use of new types of metal mine supports. S. G. Andrushkevich Sbor. trud. Inst gor. dela AN URSR no 8 117-121 '61

Effect of a shifting rock mass on a retaining wall. IU. A. Onishchenko. Sbor. trud. Inst gor. dela AN URSR no. 8-75-82 '61.

Efficient type of metal supports for stopes. V I. Shumeiko. Ugol' 36 no 7 6-8 Jl '61.

Goleskul, M. N., and E. S. Kiselev. [Design and construction of reinforced-concrete frame supports for mines] Konstruirovanie i raschet zhelezobetonnykh ramnykh krepei gornykh vyrabotok. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 240 p.

Ivanova, K. A., and V. M. Novikov. [Cost of mine maintenance operations] Stoimost' podderzhaniia gornykh vyrabotok. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 73 p.

Katsaurov, I. N. [Rock pressure in vertical shafts] Gornoe davlenie v vertikal'nykh stvolakh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 153 p.

Labor productivity in supporting horizontal mine workings should be considerably increased. F. S. Kozyb, I. P. Nikitin. Gor. zhur no. 10;22-23 O '61

Manifestation of the rock pressure in connection with the performance of the arched shield IU. D. Belov, I. G. Tkachev. Ugol' 37 no. 2;15-17 F '62.

Measuring the rock pressure on ring supports. F. A. Belaenko, V. T. Glushko, A. N. Zorin. Ugol' Ukr. 6 no 2;16-17 F '62.

Mechanize the transport of timber to the faces of steeply dipping seams. N. A. Shkvyrskii, S. V. IArovoi. Ugol' Ukr 6 no. 2;31-32 F '62.

"Mining and mine timbering" by G. D. Chuprunov. Reviewed by S. P. Alekhichev, N. A. Voronkov, I A Turchaninov. Gor. zhur no. 12;67-68 D '61

Pressure determination based on the deformation of supports. M. M. Vial'tsev. Trudy NPI 113;28-38 '61.

Roof control by means of complete caving with mechanized knocking out of supports I. M. Kubanov, S. A. Titomirov, G. I. Nelin. Ugol' Ukr. 6 no 1;30-31 Ja '62

Using gunite for lining mine workings. M. A. Lev, IU. Z. Shapiro. Shakht. stroi. 6 no 2;4-6 F '62.

MINE TIMBERING—COSTS
(see also subdivision under Donets Basin)

Cost of metal supports in a stope. N. A. Raspopov. Sbor. trud. Inst. gor. dela AN URSR no. 8;113-116 '61.

MINE VENTILATION
(see also subdivision under South Africa, Republic of; Soviet Central Asia)

Aerodynamic resistance of flexible air ducts. N. A. Bogomolov. Ugol' Ukr. 6 no. 2;25-26 F '62.

Aerodynamic resistance of workings equipped with conveying units. F. A. Abramov, V. A. Dolinskii. Ugol' 37 no. 1;52-55 Ja '62.

Calculation of round, free, turbulent jets moving in limited areas of chamber-type workings. S. F. Shepelev, IU. A. Zalevskii, V. G. Nesterin. Izv. AN Kazakh SSR Ser. gor. dela no. 2;100-106 '61.

Characteristics of dust dynamics in stoping panel with a flat limited je E. A. Mailybaev, IU. P. Kolomeitse SSR. Ser. gor. dela no. 2; 107-113

Comments on M. A. Krainikov's arti in accordance with gas content and lation of workings." S. A. Batalin. 6 no. 1,25 26 Ja '62.

Control of mine ventilation in case c mov, I. M. Mosin, O. A. Kremnev. 41-42 F '62.

Dzidziguri, A. A., and others. [Si of mine ventilators] Sovmestnaia tiliatorov. Moskva, Gos. nauchno po gornomu delu, 1961. 182 p.

Eliminate shortcomings in mine ven raitel'. Bezop truda. v prom. 6

Flat jet covering the face of a longw E. A. Mailybaev, IU. P. Kolomeitse SSR. Ser. gor. dela no. 2; 91-99 '61

Investigating the velocity pulsations air stream over the "Donbas" coal cinematography [with summary in nomarlov. Dop. AN URSR no. 1;58

Number of parameters characterizi system. A. D. Bagrinovskii. Gor. '61.

Oxygen depletion of the atmosphere in stopes of pyritic copper mines IA Z Bukhman Gor. zhur no 12 55-57 D '61

Review of the chapter "Ventilation of blind workings in cases of periodical gas and dust release" of the "Gornoe Delo" encyclopedia, volume 6. V. N Satarov Ugol' 36 no 7 62-63 Jl '61

Using Bystron's method in an analytical solution of some ventilation network systems. S 'Sol. Izv AN Kazakh SSR. Ser. gor. dela no. 1;94-100 '61

Using the pressure and suction fan method of ventilation. A. L. Surkov. Ugol' 37 no 2-47-49 F '62

Voropaev, A. F. [Temperature control in deep mines] Upravlenie teplovym rezhimom v glubokikh shakhtakh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 246 p.

MINE VENTILATION—TESTING

Manufacturing devices for checking the state of ventilation in shafts and mines. G. IU. Vlasov, S. P. Alekhichev, L. S. Voronkova Bezop truda v prom. 6 no 2· 11-12 F '62.

MINE WATER—SAFETY MEASURES see subdivision under Lugansk Province

MINERAL AGGREGATES see Aggregates (Building materials)

MINERAL INDUSTRIES—BIBLIOGRAPHY see Bibliography—Mineral industries

MINERAL INDUSTRIES—STATISTICS

Improving statistical reports E Rudak, A Ust'iantsev, V. Chirkov Vest stat no. 3 76-77 '62.

MINERAL METABOLISM

Changes in the water and salt metabolism of dogs exposed to radioactive substances. Z I. Polubotarinova Radiobiologiia 1 no 6;868-873 '61.

Mineral metabolism in the bone tissue of rabbits exposed to chronic gamma irradiation. N. I. Elkina. Radiobiologiia 1 no. 6-874-877 '61.

MINERAL OILS

Oxidants as a basis for the lubricating action of mineral oils. G. V. Vinogradov, Lian Go-ling [Liang Kuo-ling], N. T. Pavlovskaia. Neftekhimiia 1 no. 2;274-279 Mr-Ap '61

MINERAL WATERS
(see also subdivision under Caucasus, Northern; Dauti Valley; Istisu, Azerbaijan; Makhar Valley, Tashkent; Truskavets)

Discussion of Assistant Professor I. S. Savoshchenko's article, "The development of research at resorts of the Caucasian Mineral Waters Region" E. N. Artem'ev. Sov. med. 25 no 12;134-135 D '61

MINERALOGICAL CHEMISTRY

Graphic investigation of the relationship between pH, Eh and $\frac{C_{ox.}}{C_{red.}}$ in oxidation-reduction reactions in order to recreate the physicochemical conditions of sedimentation. B. A. Tiurin Sbor nauch. trud. KazGMI no. 16,171-173 '59.

Mineral parageneses of the system $MgO-SiO_2-H_2O-CO_2$ and the regime of water and carbon dioxide in metamorphism [with summary in English on pp. 491-492] D. S. Korzhinskii. Min. sbor. no. 14;34-49 '60.

Summaries of principal articles from "Geochimica et Cosmochimica Acta" No. 3/4, 1960. R. Kretz. Geokhimiia no. 9;821-824 '61.

MINERALOGICAL SOCIETIES see subdivision under Ukraine

MINERALOGY (Continued)

Studies in the structural mineralogy. Part II [with summary in English on pp 480-481] N V Belov Min sbor no 14 3-33 '60.

Studying the microstructure of ore minerals by ion bombardment G. V. Spivak and others Zap Vses min ob-va 90 no 6 695-697 '61

MINERALOGY—CLASSIFICATION

Hydraulic design of vertical classifiers with a rising flow of clear water. M I. Khrustalev Sbor trud NIIZhelezobetona no 3:50-68 '60

MINERALOGY, DETERMINATIVE

Lozhkin, V. V. [Determination of the minerals of placer deposits, practical guide] Diagnostika mineralov rossypei; prakticheskoe rukovodstvo. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol i okhrane nedr, 1962. 242 p.

"Sluicing survey and sluicing analysis" by E M. Zakharova Reviewed by V I Eliseev Izv vys ucheb zav , geol i razv 5 no 1 114-116 Ja '62

MINERALS

(see also subdivision under Carpathian Mountain region, Kara-Dar'ya Valley; Kara-Tau; Kazakhstan, Russian Platform, Sevan Lake region)

Age determination of beryls and other minerals containing inclusions by the Rb/Sr method [with summary in English] E K Gerling, IU A Shukolukov, L I Matveeva Geokhimiia no 1 67-72 '62

Concerning the so-called magnioborite. L. I. Shabynin. Zap Vses. min. ob-va 90 no 6:754-755 '61

Crystallochemistry and mineralogy of the "lomonosovit" group in the light of the crystalline structure of "lomonosovit" [with summary in English] N V. Belov, N I. Organova Geokhimiia no 1 6-14 '62

Gritsaenko, G. S., E. S. Rudnitskaia, and A. I. Gorshkov. [Electron microscopy of minerals, equipment, research methods, and preparation techniques] Elektronnaia mikroskopiia mineralov; apparatura, metody issledovaniia i tekhnika preparirovaniia. Moskva, Izd-vo Akad. nauk SSSR, 1961. 131 p

MINERALS—ANALYSIS

(see also subdivision under Ural Mountains)

Birefringence-dispersion, composition, and structure of some minerals E.A Kuznetsov. Vest. Mosk un Ser. 4: Geol 17 no 1 20-30 Ja-F '62

Deduction of formulas for the calculation of monovariant reactions of multicomponent systems by means of standard calculating machines [with summary in English] L L Perchuk, E. I. Zverovich. Geokhimiia no 1 82-89 '62

Use of radioactive isotopes in mineralogy. IA. N. Zeman. Sov. geol. 4 no. 12:131-132 D '61

MINERALS—ELECTRIC PROPERTIES

Using the direct current bridge for measuring the electric conductivity of ore minerals on the site [with summary in English on pp. 496-497] V. E. Shmaevskii, A. A. IAsinskaia. Min sbor. no 14:371-373 '60

MINERALS—OPTICAL PROPERTIES

Measurement of the dispersion of refractive indexes of minerals. R. A. Kravchenko-Berezhnoi. Mat po min. Kol'. poluost. 1:187-191 '58.

Simultaneous observation of transparent and nontransparent minerals in transparent polished thin sections with the help of a mirror. V. G. Feklichev Geol rud mestorozh. no. 1:126 Ja-F '62

MINERALS IN FOOD

Milk productivity in fine-wool ewes given mineral supplements to their diet T. Apsemetov. Vest. sel'khoz. nauki [Kazakh.] 4 no. 11:40-46 N '61.

MINERALS IN SOIL

(see also subdivision under Ili Valley)

Content of calcium humate and iron humate microaggregates in water-stable aggregates of various sizes. A. V. Koloskova. Pochvy IUzh. Urala i Povol. no 4:143-147 '60 .

Salt exchange between the sea and dry land and the perennial dynamics of salts in soils. V.M Borovskii. Izv. AN Kazakh. SSR. Ser. bot. i pochv. no. 2 51-55 '61.

MINERS—DISEASES AND HYGIENE

Out-of-town session of the Academy of Medical Sciences of the U. S. S. R. and of the Uzbek Academy of Sciences' Committee on the control of silicosis, devoted to problems in labor hygiene in the coal and ore-mining industries; prevention and treatment of pneumoconiosis. M. F. Prikhod'ko. Med. zhur. Uzb. no. 9:81 S '61.

Study of the "bronchial tree" in pneumoconiosis in miners [with summary in English]. L. Brückner, J. Rosmait. Gig. truda i prof. zab. no. 2 32-37 '62.

MINES, MILITARY

Mine detector operates on ice also. IU. Romanov, Starsh -serzh. no. 10.15 O '61.

Shevchuk, M. K., and E. A. Katurkin. [How to overcome obstacles erected by the engineers] Kak preodolevat' inzhenernye zagrazhdeniia. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 182 p. (Za voenno-tekhnicheskie znaniia)

MINES, SUBMARINE

Treasures of the ocean B. Liapunov. Nauka i zhyttia 11 no 1:41-43 Ja '62

MINES AND MINERAL RESOURCES

(see also subdivision under Asia, Kazakhstan; Krivoy Rog, Pechenga District, Voronezh Province)

Planet opens its treasures B. Havrusevych. Nauka i zhyttia 11 no 1:39-40 Ja '62.

Thorough and efficient use of natural resources of ferrous and nonferrous metal ores A V. Troitskii. Gor zhur no 12 5-6 D '61.

MINES AND MINERAL RESOURCES—ESTIMATES AND COSTS

Increase the accuracy of industrial coal estimates for plants and mines in the planning stage G D. Kuznetsov TSvet. met 35 no. 2,44-49 F '62.

MINGECHAUR RESERVOIR—ELEPHANTS, FOSSIL

Elephas (Archidiscodon) meridionalis in Transcaucasia Zh. D Dzhafarova. Dokl AN Azerb SSR 17 no. 11: 1077-1080 '61.

MINIATURE PAINTING, PERSIAN see subdivision under Tashkent

MINING ENGINEERING

(see also subdivision under Berezovskiy region, East Kazakhstan Province, Czechoslovakia, Donets Basin; Donetsk, Dzhezkazgan District, Great Britain; Kazakhstan, Kursk Magnetic Anomaly; Leninogorsk region, East Kazakhstan Province; Murmansk Province, Noril'sk region; Sokol region, Kazakhstan; Tyrnyauz region)

Adhesive forces between cement and the surface of sedimentary rocks. IU. A. Onishchenko Sbor. trud Inst gor dela AN URSR no. 8:66-74 '61.

Advanced methods of operation of mine-sinking crews. P. V. Rushkis Khim. prom. no 2,148 F '62

Calculation techniques and cybernetics in mining engineering R. V. Orlov, E. G. Saratovskii Ugol' 37 no 3 11-15 Mr '62

Centrifugal modeling in studying the stability of chamber roofs as applied to the conditions in Dzhezkazgan A. Ch. Musin, M. T. Baknev, K. Zh. Takelekov Izv AN Kazakh. SSR. Ser. gor. dela no. 1:3-17 '61

Conference on the application of radioactive isotopes in coal and mineral mining industries V G. Segalin Ugol' 37 no 3:65 Mr '62.

Developing automatic control systems. M. Varich. Gor. zhur. no 7:57 Jl '61.

Drawing ore with an inclined contact. N. A. Egorov Sbor. trud. Inst. gor. dela AN URSR no 8:22-27 '61.

Economic evaluation of the variant solutions method in the reorganization and construction of coal mines. V. S IAtskov. Ugol' 36 no 7 30-34 Jl '61

Effect of the increased advance rate or length of the longwall on the improvement of technical and economic indices. IA. M. Prudkin, I. G Kovalev, IU K Batmanov Ugol' 37 no. 1:22-24 Ja '62

Establishing the relationship between the efficiency of dump excavators and the transportation capacity of dead-end dumping roads. B. Kh. IUsupbekov. Vest AN Kazakh. SSR 18 no. 1:81-87 Ja '62.

Experiment in using the chamber mining method in the mines of Estonianets Trust. V. A Viitup, A. P. Semenov. Ugol' 37 no. 1:13-18 Ja '62.

For further technological development and working safety in industry. G. P. Zablodskii. Bez truda v prom. 6 no. 1:1-3 Ja '62.

Great prospects. Gor. zhur. no. 11:3-4 N '61.

"Heating of mine shafts" by M. M. Shemakhanov. Reviewed by E. I. Baratov, V. P. Chernlak Ugol' Ukr. 6 no 1,44 Ja '62.

Imenitov, V. R. [Highly productive systems of mining thick hard ore deposits] Vysokoproizvoditel'nye sistemy razrabotki moshchnykh mestorozhdenii krepkikh rud. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 417 p.

Interdependence between the required labor input for underground transportation, the auxiliary processes and load on the longwall. A. Faikosh Ugol' 37 no. 2: 51-52 F '62.

Leningrad. Gornyi institut. [Theory of rock pressure] Voprosy teorii gornogo davleniia. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 299 p.

Let cooperation between science and industry develop! Gor. zhur. no. 7:7-8 Jl '61.

Let us utilize all reserves in mines and pits. Gor. zhur. no. 7:3-7 '61.

Method of calculating rock pressure in horizontal workings. N. A. TSvylev. Trudy NPI 113 13-27 '61.

Mine without people. V. Geier. Nauka i zhyttia 11 no. 1:18-20 Ja '62.

"Mining and mine timbering" by G. D. Chupranov. Reviewed by S. P. Alekhichev, N. A. Voronkov, I. A. Turchaninov. Gor. zhur. no. 12:67-68 D '61.

New developments in the utilization of mining and building equipment. V. S. Naletov. Shakht. stroi. 6 no. 2:24-26 F '62.

Orlov, V. V., and others. [Handbook of examples and problems on mining engineering] Sbornik primerov i zadach po proyektirovaniiu gornykh vyrabotok. Khar'kov, Izd-vo Khar'kovskogo gos. univ., im. A. M. Gor'kogo, 1961. 352 p.

Physical characteristics of the breakage of rocks and coal with the cutting tool A. D. Imaa, V. P. Solomko. Ugol' 37 no 2 24-28 F '62

Pillar drawing in a slope which has been filled with caved rock A. F. Litvinuk Gor. zhur. no 7:30-34 Jl '61

Possibility of working thin flat seams by means of longwalls without supporting the working-face area V. B. Bokii, A. A. Alelnikov Sbor. trud. Inst gor dela AN URSR no 8 55-57 '61

Practice of using deep holes in hard rocks in chamber mining systems N I Starikov, G T Faustov. Gor zhur no 12 19-26 D '61.

Pressure of a massif around chambers in working contiguous deposits A. Ch Musin, N P. Dolgikh Izv AN Kazakh SSR. Ser gor dela no 2:3-15 '61.

Readers' response to G. V. Surmilo and D M. Kirzhner's article "Improving the development of the economic unit of projects " Shakht stroi 6 no 2,26-28 F '62.

Recommendations of a conference. P. Alodzhants. Prom Arm 5 no 2:56-58 F '62

Resistant shape of development workings in deep mines. G S. Kal'chik, V. I. Pechkovskii Ugol' Ukr. 6 no 1: 21-23 Ja '62

Response to D F Borisov's article "Investigating the region of minimum curves in analytical analysis " R A Seletskii Ugol' 36 no 7 48-50 Jl '61

Response to N F Chukhlintsev's article "Simplified calculation of the sectional area and perimeters of workings supported with anchor bolting." V. IA. Kirsanov Ugol' 37 no 3 62-63 Mr '62

Response to P M Kovachevich's article "Method of determining the approximate values of mining output in the design and planning of coal mines " A. A Kuvshulia and others Ugol' 36 no 7 47-48 Jl '61

Response to the article of D N. Oglobin, I. L. Nikal'skii, G I. Piliuchenko "Review of the second volume of the encyclopedic handbook 'Gornoe delo'." I. A Krikunov. Ugol' 36 no 7 50 Jl '61.

Results of the discussion of IA. D Grossman and F M Kozakov's article "Improve the work of underground sections " Gor. zhur no 11 19-21 N '61.

Scientific technical conference on the mining of coal and slate deposit by means of powered shortwalls. V. F Mirofeev. Ugol' 37 no 1,62-63 Ja '62.

Second Leningrad Conference on the Use of Radioisotopes in the Coal and Ore Mining Industries. M. I. Goldin. Atom. energ 12 no 3:254-256 Mr '62.

Stability of open-pit sides. K. I. Dudushkina, S. I. Popov. Bezop truda v prom. 6 no. 2:14-16 F '62.

State of stress in pillar bases. D P. Semik. Izv. vys ucheb. zav., tsvet met 5 no 1:15-21 '62.

Tenenbaum, I. M. [Principles of radiation measurement in mines] Osnovy rudnichnoi radiometrii. Moskva, Gos. izd-vo lit-ry v oblasti atomnoi nauki i tekhn., 1961. 143 p.

Titov, V. D. [Opening up ore deposits] Vskrytie rudnykh mestorozhdenii. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 285 p.

Trends toward the improvement of mining steep vein deposits in hard rocks N. M Gaponenko Izv. vys. ucheb zav , tsvet met. 5 no. 1 26-32 '62

Water injection into the seam contributes to reduce the strength of coal blocks. A. I. Kasnofontova and others Ugol' Ukr 6 no 1:12-13 Ja '62

MINING ENGINEERING—ABSTRACTS

[Mining.] Ref. zhur. Gor. delo nos. 2-3 F-Mr '62.

MINING ENGINEERING—BIBLIOGRAPHY see Bibliography—Mining engineering

MINING ENGINEERING—COSTS

Economic evaluation of coal extraction from protective pillars. S. G. Gurov. Ugol' 37 no. 2:40-42 F '62

Justification of economic evaluation indices of variant solutions in connection with the reorganization and construction of coal mines N I. Ivanov. Ugol' 37 no 3 41-43 Mr '62

MINING ENGINEERING—HYGIENIC ASPECTS

(see also subdivision under Tekeli)

Interesting activities. V. Bogdanov. Okhr. truda i sots. strakh. 5 no. 2:17 F '62.

MINING ENGINEERING—SAFETY MEASURES

Attention: methane! K. Sergiev. Nauka i zhyttia 11 no. 12,30-31 D '61

Brichkin, A. V., and I. M. Nikiforov. [Safety measures in mines] Tekhnika bezopasnosti na rudnikakh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 440 p.

Kolesnichenko, V. F., and S. M. Dubrovskii. [Labor safety in carrying out mine development operations] Bezopasnost' truda pri provedenii gornopodgotovitel'nykh vyrabotok. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 72 p.

MINING ENGINEERING – SAFETY MEASURES (Continued)

Safety conditions in the use of diesel equipment in mines. N. Z. Bitkolov. Izv AN Kazakh SSR, Ser gor dela no. 1:80-93 '61.

Safe mining of blind headings A. G. Zhumavlev, A. E. Savitskii. Bez truda v prom. 6 no 1 31-37 Ja '62.

MINING ENGINEERING—WATER SUPPLY

Mobile electric welding unit. B V Kolevatov. Gor. zhur no 12 62-63 D '61.

MINING GEOLOGY

Determining rock deformation allowing for cleavage and stratification in the vicinity of stopes. V. A. Matveev, V. F. Trumbachev, R. I Khaimova-Mal'kova. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 1:171-179 Ja-F '62.

M. V. Lomonosov, geology, and mining. L D Sheviakov. Gor. zhur. no 11 14-18 N '61

MINING INDUSTRY AND FINANCE

Economic efficiency of automatization in mines. A. S. Minevich, Z. E. Al'tshuller. Gor zhur. no. 7:9-13 Jl '61

"Improving underground work." G. E. Simforov. Gor. zhur. no 7:13-16 Jl '61

Reduce capital expenditures by 5 to 10 million rubles in the construction of each mine. I. G. Alekseevskii, L. E. Zubritov. Gor zhur no. 10:15-18 O '61.

MINING MACHINERY
(see also subdivision under Gornaya Shoriya; Krivoy Rog Basin; Mirgalimsay region)

Discussion of IA. B. Kal'nitskii and S. P. Vasil'evskii's article "Problems in the automation of stoping equipment in the mining industry." Gor. zhur no. 10:59-64 O '61.

Models of new mining equipment at the Exhibition of Achievements of the National Economy of the U. S. S. R. L. N. Voronin. Gor. zhur. no. 12 43-47 D '61

New design vibrating bucket for the PML-5 loader. A. D. Kostylev, K. S. Gurkov, G. M. Nosikov Gor. zhur. no 11 56-57 N '61.

Plans for re-equipping mines. E. A. Sorokin. Gor. zhur. no. 12 10-11 D '61.

PML-5 loader N. N. Ezhikov, L V Simonov, F. A. Oleinik. Gor. zhur. no. 11.56 N '61.

Small vibrating loader. V. V. Soroko, N. IA. Lozin. Gor. zhur. no. 10:66-68 O '61

Using radioactive isotopes in studying the wear of rock-cutting tools. M. I. Smorodinov. [Trudy] NIIOSP no. 41: 33-51 '59.

MINING MACHINERY—MAINTENANCE AND REPAIR

Planning and financing unit repairs of mine equipment. F. K. Grossov. Gor. zhur. no. 10:27-30 O '61.

MINING MACHINERY—PNEUMATIC DRIVING

Garbuz, D. L. [Mine pneumatic apparatus] Rudnichnye pnevmaticheskie ustanovki. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 350 p.

MINING MACHINERY—VIBRATION

Hygienic characteristics of noise and vibrations on mechanisms used in open-pit mining. R. V. Borisenkova, D. I. Timokhin. Uch. zap. Mosk. nauch.-issl. inst. san. i gig. no. 7:74-81 '60.

MINNOWS see subdivision under Amur River

MINSK—AUTOMOBILE INDUSTRY WORKERS—DISEASES AND HYGIENE

Healthier working conditions in the forge shop of the Minsk Automobile Works. B. I. Brovarnik, Zdrav. Bel. 7 no. 6:9-12 Je '61.

MINSK—BEARING INDUSTRY

With an outstanding team. G. Chernikov. Mashinostroitel' no. 2:10 F '62.

MINSK—CHILDREN'S CLUBS

A "palace of the young." R. Pilatukhouskaia. Rab. i sial. 37 no. 12:12-13 D '61.

MINSK—CONSTRUCTION WORKERS

The joy of creation. T. Fondo. Komm. Bel. 36 no. 3: 49-51 Mr '62.

MINSK—CONVEYING MACHINERY

Gvozdevich, A. M., and others. [Mechanization of conveying operations in machinery plants; experience of the Minsk Tractor Factory] Mekhanizatsiia transportnykh operatsii v mashinostroenii; iz opyta raboty Minskogo traktornogo zavoda. Minsk, Gos. izd-vo BSSR. Red. proizvodstvennoi lit-ry, 1961. 70 p.

MINSK—FINANCE

Spend communal funds carefully. B. Shatilo. Fin. SSSR. 23 no. 1:60-71 Ja '62.

MINSK—HOUSING—HYGIENIC ASPECTS

Sanitary and hygienic characteristics of typical housing construction in recent years in Minsk (preliminary report). N. M. Zhukova, Z. K. Mogilevchik, V. S. Senchuk. Zdrav. Bel. 7 no. 12:48-50 D '61.

MINSK—MEDICAL COLLEGES

Methodological work at the Minsk Medical Institute. A. A. Kliuzharov, E. I. Shishko Zdrav Bel. 7 no 6: 14-16 Je '61

MINSK—MOTOR VEHICLES—PNEUMATIC EQUIPMENT

Changes in pneumatic equipment of motor vehicles manufactured at the Minsk Automobile Plant Avt transp. 40 no. 2:44 F '62.

MINSK—NOISE CONTROL

Street noise in Minsk. P. V. Izbavitelev and others. Zdrav. Bel 7 no 8:46-49 Ag '61

MINSK—PHYSICIANS

Study of the activity of young physicians in the Minsk Medical Institute D P Beliatskii Sov zdrav 21 no 1 36-39 '62

MINSK—RAILROADS—CARS

Lighting in suburban trains of the Minsk branch of the White Russian Railroad V. P. Shit'ko Zdrav Bel 7 no 8:51-52 Ag '61.

MINSK—SPORTS—ORGANIZATION AND ADMINISTRATION

For each city, a sports calendar summary. IU. V. Bogdanov. Teor i prak. fiz kul't 24 no 12: 903-906 '61.

MINSK—THEATER

In Minsk. G. Litinskii. Teatr 23 no. 2:181-185 F '62.

MINSK—TRACTOR INDUSTRY

The path to happiness R K. Piusova Rab i sial 37 no 12 2 D '61

MINSK—WOMEN IN PUBLIC LIFE

A women's council of a residential block. V. Sisinpanava. Rab. i sial 37 no. 12.10 D '61.

MINSK—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS

"Communist underground in Minsk during the Great Patriotic War, June 1941-July 1944" Reviewed by V. I Klokov. Ukr. ist zhur 6 no 1:135-136 Ja-F '62.

MINSK PROVINCE—DAIRYING

Great achievements. Halina Vasilevskaia. Rab. i sial. 38 no. 3 2-3 Mr '62

MINSK PROVINCE—LOCAL GOVERNMENT

Don't relax attention given to the district administrative apparatus. Sh. Presman. Fin. SSSR 23 no 2:56-57 F '62.

MINSK PROVINCE—LOESS

Genetic types of loesslike rocks of the Minsk-Dzerzhinsk massif. K. I. Lukashev, V. M. Motuz. Dokl AN BSSR 6 no 1 45-48 Ja '62.

MINSK UNIVERSITY

The 40th anniversary of our university. IAdviha Navumenka. Rad. i sial. 37 no. 12:8-9 D '61.

MINUSINSK BASIN—GEOLOGY

Paleozoic development of the Minusinsk intermontane lowland. IA. G. Kats. Vest. Mosk. un Ser. 4 Geol. 17 no. 1:68-78 Ja-F '62.

MIRACLES

Chemistry shows the true nature of "miracles." O. Makohon. Voiov ateist no 2:39-42 F '62.

MIRGALIMSAY—IRON MINES AND MINING

Leaders of socialist competition. I. Urzhenko. Part. zhizn' Kazakh. 32 no. 2:34-36 F '62.

MIRGALIMSAY REGION—JOINTS (GEOLOGY)

Method for determining the degree of tectonic disturbances in rocks of the Mirgalimsay Mine. N P. Erofeev. Izv. AN Kazakh. SSR. Ser gor. dela no. 1 25-29 '61.

MIRGALIMSAY REGION—MINING MACHINERY

Determination of the stability of self-propelled machines as applied to the conditions in the Mirgalimsay Mine D. M. Kazhekov. Izv. AN Kazakh. SSR. Ser. gor. dela no. 2:45-50 '61.

MIRGOROD DISTRICT—CORN (MAIZE)

We study, work and prepare for life. N. Kostenko. Rad. shk. 40 no. 2:7-8 F '62.

MIRGOROD REGION—CORN (MAIZE)

A telegram from the Kremlin. Oleksa Nosenko. Ukraina no. 3:2-3 F '62.

MISCARRIAGE OF JUSTICE see Judicial error

MISHURIN ROG—AGRICULTURE—STUDY AND TEACHING

School of Ozernyi disciples. Vira Kordinkova. Rad. shk. 40 no. 2:13-14 F '62.

MISSILES, GUIDED see Guided missiles

MISSIONARIES

Colonizers in cassocks Ivan. T Sekhonia. Ukraina no. 5 25-26 Mr '62.

MITES see subdivision under Dniester Valley

MITOCHONDRIA

Dehydrase activity in the mitochondria of nerve terminations in the region of the synapses of the inner ear of vertebrates IA A. Vinnikov, L. K. Titova Dokl AN SSSR 142 no. 2 484-487 Ja '62.

MITRAL VALVE

Mitral insufficiency and problems of surgical treatment. A. V Meshcheriakov. Feld. i akush. 26 no. 11:9-11 N '61.

MITRAL VALVE—DISEASES

Change in size of the left auricle in mitral stenosis. M. I. Neporent, I. I. Sivkov, N. L. IAstrebtsova. Terap arkh. no. 7:16-22 '61.

Combined case of universal scleroderma with a combined mitral defect of the heart. A. M. Brodskaia. Kaz. med. zhur. no 6:54-55 N-D '61

Diagnosis of the acute stage of mitral stenosis (as an aid to practicing doctors) A I Chizhov. Sov med 25 no. 12, 119-121 D '61

Evaluation of some functional tests in studying hemodynamic disorders of the lesser circulation in mitral stenosis. I. I. Sivkov and others Vest. AMN SSSR 16 no 12.55-65 '61.

Intravital diagnosis of diaphragmatic and infundibuliform types of mitral stenosis. G. D. Lazareva. Terap arkh. no 7 22-28 '61.

Mitral defect of brucellar etiology. E. V. Ponomarev, V. D. Ivanova, V. M. Rusakov. Grud. khir. no. 5: 103-105 '61

Significance of the study of gas exchange following physical exertion in the differential diagnosis of mitral stenosis and mitral insufficiency [with summary in English]. A. M. Damir, I. F. Martynov Terap. arkh no. 12 17-23 '61

Some blood coagulation factors in mitral defects of the heart of rheumatic etiology [with summary in English] S. A. Kolesnikov, E. P. Stepanian Vest khir. no. 2:3-6 '62.

Some vectorcardiographic and electrocardiographic changes in mitral defects of the heart [with summary in English] P. L. Gladyshev. Sov. med. 25 no. 12:56-61 D '61.

MITRAL VALVE—SURGERY

Blood protein displacements in patients before and after mitral commissurotomy, electrophoretic study [with summary in English] B. S. Dobriakov Grud. khir. 4 no. 1:33-41 Ja-F '62.

Combined anesthesia using nitrous oxide and fractional doses of thiopental with the use of muscle relaxants in mitral commissurotomy [with summary in English]. I. P. IAmkovoi. Vest khir. no. 2, 111-116 '62.

Dilator of new construction for the treatment of mitral stenosis. A. A. Shalimov. Grud. khir 4 no 1:119-120 Ja-F '62.

Effect of mitral commissurotomy on the skeletal muscle tonus [with summary in English]. B. K. Panfilov. Terap. arkh. no 9:31-35 '61.

Gases in the blood in mitral commissurotomy during the period of open pneumothorax [with summary in English]. IU. IA. Agapov Grud. khir. 4 no. 1:29-33 Ja-F '62.

Measurement of the pressure in the left cavities of the heart and pulmonary artery during surgery for mitral stenosis. S. A. Kolesnikov, V. M. Zhadovskaia, IU. S. Petrosian. Grud. khir. no. 5:25-31 '61.

Postoperative period after commissurotomy [with summary in English]. A. A. Busalov. Grud. khir. no. 5: 18-25 '61.

State
for
khi
Su

M

M

M

M
M

MODERN ARCHITECTURE see Architecture, Modern

MODERN HISTORY see History, Modern

MODULAR FUNCTIONS see Functions, Modular

MODULATION (ELECTRONICS)

Calculation of the optimum parameters of ferrite systems based on the Faraday effect A M Starodubtsev Radiotekhnika 17 no 1:32-39 Ja '62

New power modulator tubes. Z M. Lifshits G. M Moskovskaia, I S Libman Radiotekhnika 17 no 1 59 61 Ja '62

Use of the controlled capacitance of the p-n junction for frequency modulation of a crystal controlled self-oscillator F G Servinskii Elektrosviaz' 16 no 1 25-33 Ja '62

MOGILEV—TEXTILE FIBERS, SYNTHETIC

A woman with a big heart IA Tarasau Rab i sial 38 no 3 4-5 Mr '62

MOGILEV DISTRICT—DAIRYING

A girl from the "Komintern" Collective Farm. Anton Bralevich. Rab. i sial 37 no 7 4-5 Jl '61.

MOGILEV PROVINCE—AGRICULTURAL WAGES

Cash payment on collective farms of Mogilev Province N. I. Kosarev Trudy BSKHA 34 3-21 '61

MOGILEV PROVINCE—AGRICULTURE

In the Dnieper Valley. Belarus' 19 no. 2:4-5 F '62.

MOGILEV PROVINCE—INDUSTRIES

In the Dnieper Valley. Belarus' 19 no. 2:4-5 F '62.

MOGILEV PROVINCE—ORTHOPEDIA

Organizing traumatological and orthopedic service for the population in the Mogilev Province. A. M. Rusakovich. Zdrav. Bel 7 no 12:50-53 D '61.

MOGILEV PROVINCE—RURAL LIBRARIES

With community initiative. L. Vikhotskin. Sel'. mekh. no 12:14-15 '61.

MOHAMMEDAN POTTERY see Pottery, Mohammedan

MOHAMMEDANISM

Islam in the U S S R N. A Teodorovich Mat i soob Issl otd Inst po izuch SSSR no 28 33-57 O '61

MOHOLE PROJECT

Boring the earth's crust on the ocean bottom. G. V. Bogorov Okeanologiia 2 no 1:190-191 '62

MOLASSES

(see also subdivision under Penza)

Determining the heat transfer coefficients in calculations for installations used in evaporating and heating molasses waste N IU Tobilevich, I. I. Sagan', V. T Gariazha. Izv. vys. ucheb zav., pishch. tekh no. 6 112-118 '61.

Mixer and batcher for molasses. L. Dolgoruchenko, Muk.-elev. prom. 27 no 12:17-18 D '61

MOLDAVIA—AFFORESTATION

Nature and people. G. A. Uspenskii. Okhr. prir. Mold. no 1:101-124 '60

MOLDAVIA—BIRDS, PROTECTION OF

Some bird species in the gardens of Moldavia and their protection. I. M. Gania. Okhr. prir. Mold. no. 1: 133-142 '60

MOLDAVIA—BONES—TUBERCULOSIS

Control of osteoarticular tuberculosis in Moldavia. R. S. Khersonskaia. Zdravookhranenie 4 no. 6:58-59 N-D '61.

MOLDAVIA—BOOKSELLERS AND BOOKSELLING

Demands made by life. Sov. knizh. torg. 15 no. 2:13-15 F '62

MOLDAVIA—CITIES AND TOWNS

Architecture and nature; remarks of an architect. V. L. Dement'ev. Okhr. prir. Mold. no. 1:143-164 '60.

MOLDAVIA—COINS, ANCIENT

New finds of antique coins in the Moldavian S. S. R. L. L. Polevoi. Sov. arkheol. 6 no. 1:289-291 '62

MOLDAVIA—COLLECTIVE FARMS—FINANCE

Let's strengthen the control over the financial work of collective farms. F. Tuzhilkin. Komm. Mold. 6 no. 7: 40-44 Jl '61.

MOLDAVIA—COMMUNISM AND LITERATURE

Party words are inspiring. I. K. Chobanu. Komm. Mold. 6 no. 7:17-23 Jl '61.

MOLDAVIA—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Crucial period in the life of party organizations. Komm. Mold. 6 no. 7:12-16 Jl '61.

Let's judge propaganda work according to its practical results. V. Danilenko. Komm. Mold. 6 no. 7:45-51 Jl '61.

Party chronicle. Komm. Mold. 6 no. 7:78-79 Jl '61

To observe strictly the Leninist principles of political work among the masses I. Bodiul Komm Mold 6 no 7.3-11 Jl '61

MOLDAVIA—CONSERVATION OF NATURAL RESOURCES

Conservation of nature and efficient utilization of natural resources of the Moldavian S. S. R.; report at the 8th Session of the Supreme Soviet of the Moldavian S. S. R. IA. S Grosul. Okhr prir Mold no. 1:9-13 '60

Conservation of nature in the Soviet Union and the tasks of the conservation of nature in the Moldavian S. S. R. A. L. Odud Okhr prir. Mold no 1:14-23 '60.

Law on the conservation of nature and the efficient utilization of natural resources of the Moldavian S. S. R. Okhr prir Mold no 1:7-8 '60.

Legislation on the conservation of nature in the Moldavian S. S. R. and its practical application. Kh. I. Shvarts. Okhr prir Mold. no. 1.24-33 '60

MOLDAVIA—CRANIOLOGY

Paleoanthropological material from the burial mounds of the Chernyakhov Culture in Moldavia Trudy Inst etn 71 26-52 '61

MOLDAVIA—FOREST PROTECTION

Forest soils of southern Moldavia in connection with forest protection and regeneration. I. A. Krupenikov. Okhr prir Mold. no. 1:70-76 '60.

MOLDAVIA—FRUIT CULTURE

System of erosion control measures in putting slopes under perennial plantings in Moldavia. N. M. Zaslavskii. Okhr prir. Mold. no. 1:47-54 '60.

MOLDAVIA—GAME AND GAME BIRDS

Some changes in the composition of the game fauna of Moldavia during past centuries. IU. V. Averin. Okhr. prir. Mold no. 1:125-132 '60.

MOLDAVIA—GEOLOGY, STRUCTURAL

Basic characteristics of the geotectonic regime in the Lower Cretaceous in the Ukrainian S S. R. and Moldavian S. S. R. O. K. Kaptarenko-Chernousova, V. V Permiakov. Geol. zhur. 22 no 1:109-112 '62.

MOLDAVIA—KARST

Karst in Moldavia. V. N. Verina. Okhr. prir. Mold. no 1.86-93 '60

MOLDAVIA—LABOR AND LABORING CLASSES

"On some errors in the interpretation of the history of the working class of Moldavia." Komm. Mold. 6 no 7:77 Jl '61

MOLDAVIA—NATURAL MONUMENTS

Protection of paleontological and geological monuments of Moldavia. I. M. Sukhov. Okhr. prir. Mold. no. 1: 77-85 '60.

MOLDAVIA—REVOLUTION, 1917-1921

Bolsheviks of the Rumanian front in the struggle for the establishment of Soviet rule in Moldavia. I. Dykov. Komm. Mold. 6 no. 7:58-66 Jl '61

A conference on the history of the socialist revolution in Moldavia. A. S. Esaulenko, M. B. Fikis. Vop. ist. no. 3: 114-118 Mr '62.

MOLDAVIA—ROMAN WALLS

Buried soils of the lower Trajan's Wall and some problems of the science of paleosols. I. A. Krupenikov. Okhr. prir. Mold no. 1:55-69 '60.

MOLDAVIA—SHEEP—DISEASES AND PESTS

Anoplocephalatosis in sheep in the Moldavian S. S. R. E. S. Zgardan. Veterinariia 39 no. 1:36-40 Ja '62.

MOLDAVIA—SOIL CONSERVATION

Soil erosion control in Moldavia, a problem of great importance for the national economy. M. N. Zaslavskii. Okhr. prir. Mold. no. 1:34-46 '60.

System of erosion control measures in putting slopes under perennial plantings in Moldavia. M. N. Zaslavskii. Okhr. prir. Mold. no. 1:47-54 '60.

MOLDAVIA—SOLAR RADIATION

Distribution of total radiation over the Ukraine and Moldavia. N. I. Goisa. Trudy UkrNIGMI no. 26:14-26 '61.

MOLDAVIA—STOCK AND STOCKBREEDING

Conclusions dictated by practice. G. Titov. Komm. Mold. 6 no. 7:33-40 Jl '61.

Veterinary service, an important link in the development of agriculture. I. I. Bodiul. Veterinariia 39 no. 1:9-10 Ja '62.

MOLDAVIA—WATER, UNDERGROUND

Conservation of underground water in Moldavia. S. T. Vznuzdaev. Okhr. prir. Mold. no. 1:94-97 '60.

MOLDAVIA—WILDLIFE, CONSERVATION OF

Nature and people. G. A. Uspenskii. Okhr. prir. Mold. no. 1:101-124 '60.

MOLDAVIA—WINE AND WINE MAKING

Practice in establishing the number of administrative personnel in enterprises of the wine-making industry of the Moldavian Economic Council A Robot' Ind nauch inform trud i zar plata 5 no 1 10-15 '61

MOLDING (FOUNDING)

(see also subdivision under Armenia)

Automatizing the mold pressing process. V. M Krivosheev. Lit. proizv. no 2:21-22 F '62

Interaction of castings with a metal core [in English] L. B. Ia. Lit. proizv. no. 2 32-34 F '62.

Making castings in sand-cement molds. IA. I. Solomka Konstr. i tekh. mash. no 1:144-157 '61.

New methods for molding flanges and flywheels of lever shears. E. A Simonov. Mashinostroenie no 1 [illegible] Ja-F '62.

Obtaining large castings in semipermanent molds. IA. F. Solomka. Konstr. i tekh. mash. no. 1:[illegible] '61.

Shatalkin, M. I. [Molding and coremaking mixtures] Formovochnye i sterzhnevye smesi. Pod obshchei red A.M Lipnitskogo. Moskva, Mashgiz, 1961 [illegible] p. (Bibliotechka liteishchika, no 2)

When the aim is clear. E. Tret'iakov. Mont. prom. i khud. promys. 3 no. 2:15-16 F '62.

MOLDING (FOUNDING)—EQUIPMENT AND SUPPLIES

Water-glass mixtures for making casting molds. A I. Belovodchenko Mashinostroitel' no 2:33-34 F '62

MOLDING (PLASTICS) see Plastics—Molding

MOLDING MACHINES—TESTING

Device for investigating jolt-squeezer molding machines I. IA. Gerasimov, L. A. Izrailovich. Izm. tekh. no. 1: 25-27 Mr '62.

MOLECULAR DYNAMICS

Inactivation of the triplet state in aromatic molecules A. N. Terenin, V. L. Ermolaev. Izv. AN SSSR Ser. fiz. 26 no. 1:21-29 Ja '62.

Near free-molecular flow of a rarefied gas about bodies R. S. Iroshnikov Inzh. zhur. 1 no. 3:60-64 '61.

Nonradiative energy transfer between the triplet and singlet states in organic molecules; discussion of A. N. Terenin and V. L. Ermolaev's report "Inactivation of the triplet state in aromatic molecules." V. L. Ermolaev, E. B. Sveshnikova, D. N. Shigorin. Izv. AN SSSR, Ser. fiz. 26 no. 1:29-31 Ja '62.

Present-day theory of the luminescence of complex molecules. B. I. Stepanov. Izv. AN SSSR, Ser. fiz. 26 no. 1:32-41 Ja '62.

Studying the migration of the excitation energy in molecular crystals by means of polarization of their luminescence. N. D. Zhevandrov. Izv. AN SSSR, Ser. fiz. 26 no. 1:67-73 Ja '62.

Theory of absorption and luminescence of complex molecules. Part 1. Effect of intramolecular and intermolecular rearrangement of oscillation energy on the optical properties of the molecules. B. I Stepanov, A. M. Samson. Opt. i spektr. 12 no. 2:224-232 F '62

MOLECULAR ROTATION

Effect of the molecular shape on the magnetic relaxation rate in fluids [with summary in English]. K. A. Valiev M. M. Zaripov. Zhur. eksp. i teor. fiz. 42 no 2:304-31[illegible] F '62.

Interaction between rotation and spin in diatomic molecules [with summary in English]. I. Kovach. Opt. i spektr. 12 no. 1:17-21 Ja '62.

Rotational nature of the isomer level $^{170}_{71}Lu_{105}^{*}$ ($T_{1/2} = 3.7$ hrs). I. Rezanka and others Izv. AN SSSR, Ser. fiz. 26 no. 1:127-130 Ja '62.

MOLECULAR SPECTRA

Applicability of the dielectric constant as a characteristic of the ineraction in solutions. V. V. Zelinskii, V. P. Kolobkov. Dokl. AN SSSR 142 no. 6:1272-1275 F '62

Polarized fluorescence and spectral classification of complex molecules. V. P. Klochkov, B. S. Neporent. Opt. i spektr. 12 no. 2:233-236 F '62.

Relaxation of the solvent while the dissolved molecules are in an excited state, and fluorescence spectra A. S. Cherkasov. Izv. AN SSSR, Ser. fiz. 26 no. 1:81-83 Ja '62.

Sensitivity of the universal relationship between absorption and luminescence spectra of complex molecules to the presence of admixtures. B. I. Stepanov, L. A. Krasnov, A. N. Rubinov. Dokl. AN BSSR 6 no. 1:14-18 Ja '62.

MOLECULAR THEORY

New works on molecular physics. O. M. Todes, I. I. Petrenko. Usp. fiz. nauk 76 no. 1:161-163 Ja '62.

MOLECULAR THEORY—CONGRESSES

Information on the work of the Commission for Molecular Structure and Spectroscopy of the International Union of Pure and Applied Chemistry. Opt. i spektr 12 no. 1:150-151 Ja '62.

MOLECULES

Faershtein, M. G. [Historical survey of the molecular theory in chemistry before 1860] Istoriia uchenila o molekule v khimii do 1860 g. Moskva, Izd-vo Akad. nauk SSSR, 1961. 365 p.

MOLECULES—OPTICAL PROPERTIES
Theory of absorption and luminescence of complex molecules. Part 1. Effect of intramolecular and intermolecular rearrangement of oscillation energy on the optical properties of the molecules. B. I. Stepanov, A. M. Samson. Opt i spektr. 12 no. 2:224-232 F '62

MOLLUSKS—BEHAVIOR
Utilization of other animals for locomotive purposes within the body of water by the mollusk Spherium corneum L. B. F. Belyshev. Kraeved sbor. no. 6 97-98 '61

MOLLUSKS—COLLECTION AND PRESERVATION
Collecting mollusks for study purposes and for animal feed. A. A. Svetkov. Biol. v shkole no. 2:84-85 Mr-Ap '62.

MOLLUSKS—PARASITES see Parasites—Mollusks

MOLLUSKS, FOSSIL
(see also subdivision under Fergana)
Evolution of Carboniferous actininoceratids. V. N. Shimanskii. Paleont. zhur. no. 3 33-40 '61.

MOLOTOVSKIY DISTRICT—DISTILLING, ILLICIT
Some results of nonresistance to evil. Sov. deput. trud. no. 2:83 F '62.

MOLYBDENUM
(see also subdivision under Asia, Central)
Interaction of slow positive rubidium and cesium ions with a molybdenum surface [with summary in English]. V. I. Veksler. Zhur. eksp. i teor. fiz. 42 no. 2:325-329 F '62.

MOLYBDENUM—ANALYSIS
Determination of molybdenum by its catalytic action [with summary in English]. V. I. Lazareva, A. I. Lazarev, V. V. Rodzevskii. Zhur. anal. khim. 17 no. 1:65-69 Ja-F '62.
Determination of nickel and molybdenum present together. G. P. Protsenko, P. N. Kovalenko. Zav. lab. 28 no. 1 23-25 '62.

MOLYBDENUM—METALLURGY
Purification of tungsten hexachloride and molybdenum pentachloride from admixtures of iron and aluminum chlorides. B. G. Korshunov, V. I. Gol'din, L. A. Averkieva. Izv. vys. uchob zav., tsvet. met. 5 no 1 101-106 '62.

MOLYBDENUM—SPECTRA
Spectrum analysis of high-purity tungsten and molybdenum. V. G. Shcherbakov, N. P. Anikeeva. Biul. inst. metaloker. i spets. splav. AN URSR no. 6:114-120 '61.

MOLYBDENUM—TESTING
Effect of rare earth metals on the plasticity of cast molybdenum. E. M. Savitskii, V. V. Baron, Tao TSzu-tsun [T'ao Tsu-ts'ung]. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 1:166-169 Ja-F '62.

MOLYBDENUM COMPOUNDS
Effectiveness of the "Molikot" additive. O. Obleukhova, V. Protasov. Avt. transp. 40 no. 2:24-26 F '62.

MOLYBDENUM SILICIDE
Preparation of molybdenum disilicide and study of certain of its properties. I. S. Brokhin, I. S. Zolotarev, A. I. Baranov. Sbor. trud. VNIITS no 2:24-36 '60.

MOLYBDENUM THIOCYANATE
Investigating the catalytic effect of copper on the reduction of molybdenum by rhodanide [with summary in English]. B. IE. Reznik, N. A. Bidniak. Dop. AN URSR no. 2:213-215 '62.

MOLYBDENUM-TUNGSTEN ALLOYS see Tungsten-molybdenum alloys

MONASTICISM AND RELIGIOUS ORDERS
"The social foundations of the monastery reform in the 11th century" [in German] by E. Werner. Reviewed by O. G. Chaikovskaia. Sred. veka no. 19:248-255 '61.

MONEY
(see also subdivision under Kazakhstan)
Monetary crises under the conditions of the general crisis of capitalism [with English summary in appendix]. L. Frei. Vnesh. torg. 42 no. 2:13-20 '62.
Nature and role of money in the building of communism. I. Zlobin. Den. i kred. 20 no. 2:23-32 F '62.
Problems of currency circulation in the work of financial organs. I. Slavnyi. Fin. SSSR 23 no. 2:35-41 F '62.

MONGOLIA—AGRICULTURE
Assistance of the Soviet Union in the development of virgin lands. TSegmid. Sovr. Mong. 6 no. 2:16-17 F '61.
Facts and figures. Sovr. Mong. 6 no. 2:10-11, 14-15 F '61.

MONGOLIA—CONSTRUCTION INDUSTRY
Friendship is a guarantee of our successes. M. Avir. Sovr. Mong. 6 no. 2:18-19 F '61.

MONGOLIA—ECONOMIC CONDITIONS
Facts and figures. Sovr. Mong. 6 no. 2:10-11, 14-15 F '61.
The glorious anniversary; 40th anniversary of the Mongolian national revolution. Komm Bel 35 no 6:70 Je '61.
Mongolia (Mongolian People's Republic) TSentral'noe statisticheskoe upravlenie [National economy of Mongolia during the past 40 years] Narodnoe khoziaistvo Mongol'skoi Narodnoi Respubliki za 40 let, statisticheskii sbornik. Ulan-Bator, 1961. 195 p (DS)
Mongolia's leap from feudalism to socialism. G. Korotkov. Nar. khoz. Uzb. 4 no 2,86-93 F '62

MONGOLIA—ECONOMIC ZONING
Dividing the Mongolian People's Republic into main economic zones. P. M. Alampiev and others. Izv. AN SSSR. Ser. geog. no. 1:24-36 Ja-F '62.

MONGOLIA—FLOUR MILLS
New grain milling enterprises in the Mongolian People's Republic. A. Grabovskii. Muk.-elev. prom. 27 no 12:4-6 D '61

MONGOLIA—NEW YEAR
"TSagan sar," the Mongolian New Year. Sovr. Mong. 6 no. 2 23 F '61

MONGOLIA—POLITICS AND GOVERNMENT
Mongolia's leap from feudalism to socialism. G. Korotkov. Nar. khoz. Uzb. 4 no 2:86-93 F '62.
Second session of the Fourth Great National Council of the Mongolian People's Republic. Sovr. Mong. 6 no. 2 4-5 F '61.

MONGOLIA—PUBLIC OPINION
Protest meetings of Mongolian workers. Sovr. Mong. 6 no 2 5 F '61

MONGOLIA—RELATIONS (GENERAL) WITH RUSSIA
Born in battles and work. Sovr. Mong. 6 no 2:1-4 F '61.
From the pages of "old" newspapers. Sovr. Mong. 6 no. 2:6-9 F '61.

MONGOLIA—TECHNICAL ASSISTANCE, RUSSIAN
Assistance of the Soviet Union in the development of virgin lands. TSegmid. Sovr. Mong. 6 no. 2 16-17 F '61
Friendship is a guarantee of our successes. M. Avir. Sovr. Mong. 6 no. 2:18-19 F '61.

MONGOLIAN STUDIES—BIBLIOGRAPHY see Bibliography—Mongolian studies

MONILIASIS
Nystatin treatment of candidiasis. S. I. Ashbel', V. G. Sokolova. Kaz. med. zhur. no. 4:63-67 Jl-Ag '61.

MONKEYS
Cytological and cytochemical study of kidney cell cultures from monkeys infected with simian viruses [with summary in English]. V. F. Voronina, E. R. Pille, IA. E. Khesin. Vop. virus. 6 no 6:710-716 N-D '61.
Reactions of the lower monkeys to the color, shape, and size of objects. A. IA. Markova. Vop. antr. no. 6:44-56 '61.
Selection with respect to the color of objects in Macaca mulata. K. E. Fabri. Vop. antr. no. 7:133-141 '61.
Study of viruses isolated from monkeys [with summary in English]. E. R. Pille and others. Vop virus. 6 no. 6:704-710 N-D '61.

MONKS see Monasticism and religious orders

MONOPOLIES
(see also subdivision under United States)
Monopolies and present-day capitalist states. I. Kuz'minov. Mezhdunar. zhizn' 9 no. 3:25-34 Mr '62.

MONOSACCHARIDES
Monosaccharides. Part 2: Reaction of methyl-2, 3-anhydro-4, 6-benzylidene-α-D-allioside with sodium malonic ester. N. K. Kochetkov, L. I. Kudriashev, A. P. Khlagina. Zhur. ob. khim. 32 no. 2:410-413 F '62.
Preparation of monosaccharide derivatives in a form of furanose. A. A. Abramzon, M. V. Ostrovskii. Zhur. ob. khim. 31 no. 12:4082-4084 D '61.

MONROE DOCTRINE
Proclamation of the Monroe Doctrine by the United States in 1823. N. N. Bolkhovitinov. Uch. zap. Mosk. gor. ped. inst. 93:279-340 '59.

MONSOONS see subdivision under Far East

MONTROSEITE see subdivision under Pribram region

MONUMENTS
The latest in "monumental propaganda." M. Neiman. Iskusstvo 25 no. 1:36-43 '62.
Some problems of monumental art. N. Voronov. Iskusstvo 25 no. 1:18-22 '62.

MOON
Conference of the study group for investigating the figure, rotation and orbital motion of the moon. A. K. Osipov. Astron. zhur. 39 no. 1:181-183 Ja-F '62.
Some considerations on the gravity field of the moon [with summary in English] N. P. Grushinskii, M. U. Sagitov. Astron. zhur. 39 no. 1 151-157 Ja-F '62.

MOON—PHOTOGRAPHS, MAPS, ETC.
Automation of astrometric measurements of photographs of the moon by means of a photoelectric device [with summary in English]. N. F. Bystrov. Astron. zhur. 39 no. 1:146-150 Ja-F '62.
Moon cartography. R. Dońaki. IUn tekh. 6 no. 1:23-25 Ja '62

MOON—SURFACE
Nature and physical state of the surface layer of the moon [with summary in English] V. S. Troitskii. Astron. zhur. 39 no 1:73-78 Ja-F '62
Riddles for which there are no hypotheses. V. Grigor'ev. IUn tekh. 6 no. 2:72-74 '62
Thermal radio emission of the moon in the centimeter wave-length range and some characteristics of the lunar surface layer [with summary in English]. A. E. Salomonovich. Astron. zhur. 39 no 1 79-86 Ja-F '62.
Visual-colorimetric study of the lunar surface [with summary in English]. V. V. Sharonov. Astron. zhur. 39 no. 1 87-92 Ja-F '62.
Wonderful chains of moon craters. M. M. Shemiakin. Priroda 51 no. 2,100-101 F '62.

MORAL EDUCATION
Course in Marxist-Leninist ethics and the moral education of youth. L. G. Dobrovol'skii. Vest. vys. shkoly 20 no 3:67-70 Mr '62
Inculcating the noblest and most just morals. A. T. Mostovoi. Nach. shkola 30 no. 3:15-17 Mr '62
Main problem of education. Nach. shkola 30 no. 2:3-10 F '62.
"Moral education in a kindergarten." Reviewed by B. Aleksandrov. Doshk. vosp. 35 no. 2:109-111 F '62.
Moral education of students. I. E. Dobrain. Prep. ist. v shkole 17 no 2 91-97 Mr-Ap '62.
Moral code of a builder of communism. M. Nizhyns'kyi. Nauka i zhyttia 11 no. 12:39-40 D '61.
Sukhomlyns'kyi, V. O. [Inculcating the moral stimuli for work in the younger generation] Vykhovannia moral'nykh stymuliv do pratsi u molodoho pokolinnia. Kyiv, 1961. 42 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 9, no. 9)

MORALE
Lukov, G. D. [Training the will of Soviet soldiers] Vospitanie voli u sovetskikh voinov. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 94 p.

MORDOVIA—BOARDING SCHOOLS
Grains of experience. N. Kunichkin. Nar. obr. no. 2: 92-93 F '62.

MORDOVIA—MILLET
Increasing millet production in Mordovia. M. N. Almazova. Zemledelie 24 no. 1 73-74 Ja '62

MORDVINIAN A.S.S.R. see Mordovia

MORELNIS, IZRAIL' IAKOVLEVICH, 1894-1961
In memory of Izrail' IAkovlevich Morelnis. B. D. Vladimirov. Vop. pit. 21 no 1 93 Ja-F '62.

MORPHOLINE
Reactions of phosphonitrile chloride trimer. Part I: Reaction of substitution of the chlorine atoms in a phosphonitrile chloride trimer by morpholine. A. A. Kropacheva, L. E. Mukhina. Zhur. ob. khim. 32 no 2:521-525 F '62.

MORPHOLOGY—CONGRESSES
Fourth Conference of Czechoslovak Morphologists in Hradec Králové. E. Klika, L. Borovanský. Arkh. anat. gist. i embr. 41 no. 7:126-127 Jl '61.

MORTAR
Building mortars made with scoriae. V. Saakian. Prom. Arm. 5 no. 1:38-43 Ja '62.

MORTGAGES see subdivision under United States

MORTUARY CUSTOMS see Embalming

MOSCOW—AGRICULTURAL LIBRARIES
Thirty years of the Central Scientific Library of Agriculture. Biul. TSentr. nauch. sel'khoz. bibliot. no. 6:3-11 '60.

MOSCOW—AUDITORIUMS
The Palace of Congresses. E. Kuvinov. IUn. tekh. 6 no. 1:50-53 Ja '62.

MOSCOW—AUTOMOBILE INDUSTRY
Automation of the assembling of automobile units. E. A. Bloshtein, M. M. Kaplun. Mashinostroitel' no 2:12-13 F '62.
Measures on labor protection in the forge shop of the Likhachev Automobile Plant. Sh. I. Shuv. Kuz.-shtam. proizv. 4 no. 2:33 F '62.
Visit to a millionaire. A. Novichkov, N. Ushatikov. Nauka i zhizn' 28 no. 12:28-29 D '61.

MOSCOW—BEARING INDUSTRY

Economics and automation. A. Gromov. Izobr. i rats. no. 3:1-2 Mr '62.

Over-all mechanization and automation of production at the First State Bearing Plant. A. V. Dergilsher. Nauch. trudy MIEI no. 18:91-101 '61.

MOSCOW—BIOLOGY—COMPETITIONS

Biological Olympiad. L. IA. Rabinova. Biol. v shkole no. 2:34-36 Mr-Ap '62.

MOSCOW—BOOKSELLERS AND BOOKSELLING

Messengers of friendship. IU. Popkov. Vokrug sveta no. 5:62-63 My '61.

MOSCOW—BOOTS AND SHOES, RUBBER

Sports footwear. L. Aranson. Mest. prom. i khud. promys. 3 no. 1:32 Ja '62.

MOSCOW—CHILDREN—GROWTH

Improvements in the physical development of Moscow school children (1935-1956). N. M. Danilkovich. Vop. antr. no. 7:109-118 '61.

MOSCOW—CHORAL SOCIETIES, KOREAN

Envoys from the "country of morning freshness." G. Litinskii. Sov. muz. 26 no. 2:102-103 F '62.

MOSCOW—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

[Methodological center for Moscow propagandists] Metodicheskii tsentr moskovskikh propagandistov i agitatorov. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 117 p. (Iz opyta partiinoi raboty)

[Where we live; mass political work of the party and Moscow community organizations among the local population] Tam, gde my zhivem, opyt massovo-politicheskoi raboty partiinykh i obshchestvennykh organizatsii g. Moskvy sredi naseleniia po mestu zhitel'stva. [Moskva] Mosk. rabochii, 1961. 227 p.

MOSCOW—CONSTRUCTION INDUSTRY

High ratings impose obligations. N. Dygai. Ekon. stroi. no. 2:7-13 F '62.

Kireev, P. A. [Organization of work in a mixed brigade] Organizatsiia truda v kompleksnoi brigade. [Moskva] Mosk. rabochii, 1961. 44 p. (Stroiteli obmenivaiutsia opytom)

Let's put apartment houses on the conveyor belt. Z. Fisher. Zhil. stroi. no. 12:4-5 '61.

MOSCOW—CORRESPONDENCE SCHOOLS AND COURSES

We are from the People's Art College. Kul't.-pros. rab. 23 no. 1:4-12 Ja '62.

MOSCOW—COTTON MANUFACTURE

Work practice of the labor norm research laboratory attached to the M. V. Frunze Cotton Manufacturing Factory. L. Chertkov. Biul. nauch. inform. trud i zar. plata 5 no. 1:51-53 '62.

MOSCOW—DIRECTORIES

Moscow. Arkhitekturno-planirovochnoe upravlenie. [Index to an illustrated map of Moscow] Ukazatel' k illiustrirovannoi skheme Moskva. [Moskva] 1957. 47 p.

MOSCOW—ELECTRIC INDUSTRIES—QUALITY CONTROL

Quality, state standards and technological information. N. Fomichev. Sov. profsoiuzy 18 no. 1:14-15 Ja '62.

MOSCOW—ELECTRIC INDUSTRY WORKERS

Gantushkin, V. A. [Worker's dynasty] Rabochaia dinastiia. Moskva, Gos. izd-vo polit. lit-ry, 1961. 100 p.

MOSCOW—ELECTRIC MACHINERY INDUSTRY

Koval', L. M., and B. IAroslavtsev. [From small-scale to over-all mechanization] Ot maloi mekhanizatsii - k kompleksnoi. [Moskva] Mosk. rabochii, 1961. 102 p.

A school of good management and education. P. Tereshchenko. *Mest. prom. i khud. promys.* 3 no. 2, 6-7 F '62.

MOSCOW—ENGINEERING LABORATORIES

Plant laboratories of the enterprises of the Moscow Economic Council striving for carrying out the decisions of the 22d Congress of the CPSU. M. A. Lukashin. Zav. lab. 28 no. 1:116-117 '62.

MOSCOW—ENGRAVINGS

Survey of the print collection of the Moscow Public Library. S. A. Klepikov. Trudy Gos. bibl. SSR 5:230-268 '61.

MOSCOW—EVENING AND CONTINUATION SCHOOLS

Path to an institution of higher learning. R. S. Vinokur. Vest. vys. shkoly 20 no. 3:58-63 Mr '62.

MOSCOW—EXHIBITIONS

All-Union inspection of the quality of grain at the Exhibition of the Achievements of the National Economy of the U. S. S. R. Muk. -elev. prom. 27 no. 9:10-11 S '61.

An area of communist labor. M. Z. Zelikson. Mashinostroitel' no. 2:8-10 F '62.

At the French Industrial Exhibition in Moscow in 1961. G. N. Mekhed. Biul. tekh. -ekon. inform. no. 1:92-96 '62.

At the Moscow Exhibition of New Building Technology. V. Kashin. Zhil. stroi. no. 12:16a-16d '61.

Banners of all nations will be displayed with us. Sov. profsoiuzy 18 no. 1:26-29 Ja '62.

British Industrial and Trade Fair in Moscow. Marietta Shaginian. *Neva no. 6:165-171 '61.*

Exhibition of equipment for determining the quality of farm products. L. Il'ina. Muk. -elev. prom. 27 no. 12:6-8 D '61.

From the Exhibition of Achievements of the National Economy. G. U. Dashevskaia. Metalloved. i term. obr. met. no. 3:60-61 Mr '62.

Loom with a new system of automatic bobbin feed from the box. A. S. Manukhin. Tekst. prom. 22 no. 1:84-85 Ja '62.

New building machinery and equipment. G. Fedorov, N. Kaniuka. Stroi. i arkhit. 9 no. 12:34 D '61.

[Program for the week of the Exhibition of Achievements of the National Economy of the U. S. S. R.] Prog. na ned. VDNKH nos. 39, 41, O '60.

Textile machinery at the French Exhibition in Moscow. A. S. Manukhin. Tekst. prom. 21 no. 12:86-88 D '61.

MOSCOW—EYES, ARTIFICIAL

In the name of man's happiness. V. Kotlov. Sots. obesp. 23 no. 1:43-44 Ja '62.

MOSCOW—FACTORY LIBRARIES

In the front rows. T. Chuian, L. Obolenskaia. Klub i no. 1:5-6 Ja '62.

MOSCOW—GUIDEBOOKS

[Moscow; tourists' companion] Moskva; sputnik turista. [Moskva] Mosk. rabochii, 1961. 479 p.

Reklamno-izdatel'skaia fabrika, Moscow. [For Moscow guests, advertising and information reference book] Gostiam Moskvy, reklamno-informatsionnyi spravochnik. Moskva, Izd-vo M-va kommun. khoz. *RSFSR, 1961.* 127 p.

MOSCOW—HISTORICAL LIBRARIES

Contribution of a historical library to the 22d Congress of the CPSU. M. K. Starokadomskaia. Bibliot. SSSR no. 18:16-20 '61.

MOSCOW—HISTORICAL MUSEUMS

Romanovskii, L. S. [Museum of a great city] Muzei velikogo goroda. 2., dop. izd. [Moskva] Mosk. rabochii, 1961. 302 p. (Po muzeiam i vystavkam Moskvy i Podmoskov'ia)

MOSCOW—HISTORY—STUDY AND TEACHING

Conference on theory and practice for teachers of the history of Moscow. Prep. ist. v shkole 17 no. 2:123-124 Mr-Ap '62.

MOSCOW—HOSPITALS, MILITARY

The N. N. Burdenko main military hospital *in the period* before the congress. S. Sh. Akopian, T. Rozhkov. Voen.-med. zhur. no. 8:9-12 Ag '61.

MOSCOW—HOTELS, TAVERNS, ETC.

Wonderful, enjoyable and gay. M. Murazova. *Smena* 39 no. 1:32 Ja '62.

MOSCOW—INDUSTRIAL MANAGEMENT

Galdukov, IU. A. [Analyzing the fulfillment of the production program and technological development plan of an *enterprise*] Analiz vypolneniia proizvodstvennoi programmy i plana tekhnicheskogo razvitiia predpriiatiia. Moskva, Izd-vo ekon. lit-ry, 1961. 55 p. (V pomoshch' propagandistam i *slushateliam* sети partiinogo prosveshchaniia)

MOSCOW—INDUSTRIAL RELATIONS

Volkov, L. S. [The best of our souls] Dushi prekrasnye porvy. [Moskva] Mosk. rabochii, 1961. 58 p.

MOSCOW—INDUSTRY—QUALITY CONTROL

Work of factory laboratories in the enterprises of the Moscow City Economic Council for improving production quality. M. A. Lukashin. Biul. tekh. -ekon. inform. no. 1:77-78 '62.

MOSCOW—INSURANCE, SOCIAL—EMPLOYEES

In the inspector's section. D. Chortishcheva. Sots. *obesp.* 23 no. 1:15-16 Ja '62.

MOSCOW—LABOR AND LABORING CLASSES—MEDICAL CARE

Discussing the work of public council at the medical institutions of the *Moscow City Council* of Trade Unions. Okhr. truda i sots. strakh. 5 no. 1:15 Ja '62.

MOSCOW—LANGUAGES—STUDY AND TEACHING

Organizing the study of foreign languages with community participation. IU. A. *Vedeniapin, K. K. Karagezi'an,* V. A. Gandel'man. Vest. vys. shkoly 20 no. 3:77-78 Mr '62.

MOSCOW—LIBRARIES

It began this way. L. Alsenova. Sov. deput. trud. no. 2:68-71 F '62.

Residents of this street are masters of their library. A. Azarov. Kul't.-pros. rab. 23 no. 1:24-25 Ja '62.

MOSCOW—MACHINE-TOOL INDUSTRY

Practice in work organization under the conditions of the over-all mechanization of production. V. V. Bitunov. Nauch. trudy *MIEI no. 18:266-280 '61.*

MOSCOW—MACHINE-TOOL INDUSTRY—TECHNOLOGICAL INNOVATIONS

It is important to ponder. E. Mavrin. Izobr. i rats. no. 3:20-21 Mr '62.

MOSCOW—MACHINERY INDUSTRY

An hour of communist labor. M. Z. Zelikson. Mashinostroitel' no. 2:8-10 F '62.

Organization of work on the over-all mechanization and automation of production processes in machinery manufacturing enterprises of the Moscow City Economic Council. N. A. Razumov. Nauch. trudy MIEI no. 18: 52-80 '61.

MOSCOW—MACHINERY INDUSTRY—LABOR PRODUCTIVITY

Accounting for the effect of work mechanization and the introduction of new machinery on labor productivity. A. Polonskii. Vest. stat. no. 3:40-46 '62.

MOSCOW—MOTION-PICTURE CAMERAS

"Mir" (3KSS model) motion-picture camera. Tekh. kino i telev. 6 no. 2:3 of cover F '62.

MOSCOW—MOTION-PICTURE FESTIVALS

Meetings in Moscow during the summer of this year. A. Beilin. Neva no. 10:119-140 '61.

MOSCOW—MUSIC—COMPETITIONS

Second International Competitions. D. Shostakovich. Sov. muz. 26 no. 2:77-78 F '62.

MOSCOW—MUSIC HALLS (VARIETY THEATERS, CABARETS, ETC.)

"Moscow to Venus, then further and everywhere...." K. Shcherbakov. Teatr 23 no. 2:97-98 F '62.

MOSCOW—OAK

Roots of oak and its associated species in the Ostankino Oak Forest. R. A. Karpinskova. Biul. Glav. bot. sada no. 44:47-55 '61.

MOSCOW—OPERA

In the Bolshoi Theater. A. Elenin. Teatr 23 no. 2:101-102 F '62.

MOSCOW—PIANISTS

Marginal notes on concert programs. Florestan. Sov. muz. 26 no. 2:99-102 F '62.

MOSCOW—PLANT INTRODUCTION

Frost resistance of plants from the Japan-China floristic area in Moscow. L. S. Vartazarova. Biul. Glav. bot. sada no. 43:3-8 '61.

MOSCOW—POLITICS AND GOVERNMENT

[Bulletin of the Moscow Executive Committee.] Biul. *Ispol. kom. Mosk. gor. sov.* no. 1(487) Ja '62.

MOSCOW—RESTAURANTS, LUNCHROOMS, ETC.

Lunchrooms without cashiers. V. Anokhin. Obshchestv. pit. no. 11:42-43 N '61.

MOSCOW—REVOLUTION, 1917-1921—PERSONAL NARRATIVES

Dvinov, B. [Reminiscences on the Moscow Soviet of Workers' Deputies, 1917-1922] Moskovskii *Sovet* Rabochikh Deputatov, 1917-1922; vospominaniia. New York, 1961. 188 p. (Inter-University Project on the History of the Menshevik Movement; paper no. 1)

MOSCOW—SILK MANUFACTURE

Volkov, L. S. [The best of our souls] Dushi prekrasnye porvy. [Moskva] Mosk. rabochii, 1961. 58 p.

MOSCOW—SINGERS, CUBAN

Cuban artists. G. Aleksandrov. Sov. muz. 26 no. 2:104-105 F '62.

MOSCOW—SYMPHONY ORCHESTRAS

Marginal notes on concert programs. Florestan. Sov. muz. 26 no. 2:99-102 F '62.

Put more life into symphony concerts. E. Denisov. Sov. muz. 26 no. 2:99 F '62.

MOSCOW—TEACHERS, TRAINING OF

Scientific and atheistic evening of biology teachers. N. V. Vinogradova. Biol. v shkole no. 2:91-92 Mr-Ap '62.

Teachers are studying. E. V. Lebedeva. Doshk. vosp. 35 no. 2:40-44 F '62.

MOSCOW—TECHNICAL EDUCATION

Don't rest on your achievements. P. D. Baltasov. Vest. vys. shkoly 20 no. 3:36-40 Mr '62.

MOSCOW—TELEPHONE—INFORMATION SERVICES
"08," N. V. Zakharova. Vest sviazi 22 no. 3,23-24 Mr '62.

MOSCOW—THEATER
"Apple of discord." B. Rostotskii. Teatr. 23 no. 2 85-87 F '62
A century ago on October 27, 1861. Teatr. 23 no. 2 117-118 F '62.
Day at random, remarks of a critic. A. Anastas'ev. Teatr. 23 no. 2:108-116 F '62.
Fifty years ago on October 27, 1911. Teatr. 23 no. 2 118-119 F '62.
"The fourth one." Viktor Nekrasov. Teatr. 23 no. 2 83-85 F '62
In the Theater of Satire. Vl. Sappak, V. Pluchek. Teatr. 23 no. 2:105-107 F '62
Morning in the Vakhtangov Theater. L. Luban. Teatr. 23 no. 2 104-105 F '62.
"On the banks of the Dnieper." Vl. Pimenov. Teatr. 23 no. 2 82-83 F '62
Our fellow-soldier. IU. Zubkov. Sov. voin. 43 no. 22:14 N '61

MOSCOW—TRAFFIC SAFETY
Council and its achievements. P. Chebotarev. Za rul. 20 no. 1:17 Ja '62.
Divers compete in driving without accidents. V. Zhulev. Avt. transp. 40 no. 2,45 F '62.

MOSCOW—UNIVERSITIES AND COLLEGES
University of the Friendship of Peoples. S. V. Rumiantsev. Mir nauki 5 no. 4 21-26 '61
The way to the light. Az. i Afr. Seg. no. 2 14-15 F '62.

MOSCOW—VENDING MACHINES
Accounting and analysis in automated trade organizations. V. Smirnov. Bukhg. uchet 19 no. 2 33-37 F '62

MOSCOW—VIEWS
[Moscow; album of views] Moskva; al'bom vidov. [Thilisi, Izd. gruzinskogo otd-niia Muzfonda SSSR, 1961] 109 p. (chiefly illus.)

MOSCOW—VIOLINISTS, VIOLONCELLISTS, ETC.
Concerts given by violinists. A. Volkov, M. Fikhtengol'ts. Sov. muz. 26 no. 2:105-108 F '62

MOSCOW—VISITORS, FOREIGN
"This is the only right way." Jan P. Titl. Az. i Afr. seg. no. 2:29-30 F '62.

MOSCOW—VOCATIONAL EDUCATION
With the help of party organizations. A. Akhapkin. Prof.-tekh. obr. 19 no. 2:11-12 F '62

MOSCOW—WAR MEMORIALS
Memorials to the defenders of Moscow. IU. Skotnikov. Voen.-ist. zhur. 3 no. 12, 114-119 D '61.

MOSCOW—WATER—SOFTENING
Water processing at the Moscow Coke Gas Plant. I. I. Kulik, Z. M. Grigor'eva. Koks i khim. no. 6:58-60 '61

MOSCOW—WORKS COUNCILS
Enjoying high confidence. E. Solov'ev. Mosk. prom. i khud. promys. 3 no. 2:8 F '62.

MOSCOW, BATTLE OF, 1941-1942
Anniversary of a great battle. A. Vasil'ev. Voen.-ist. zhur. 4 no. 2 120-122 F '62.
Failure of the attack of the German Fascist Army on Moscow. Voen.-ist. zhur. 3 no. 12 79-91 D '61.
First Assault Army in the battles around Moscow. V. Kuznetsov. Voen.-ist. zhur. 3 no. 12 57-66 D '61
Malakhov, M. M. [Attack of the cavalry guardsmen; outline of the military operations of the First Guards Cavalry Corps (November 1941-June 1942)] Udar konnogvardeitsev; ocherk o boevykh deistvilakh 1-go gvardeiskogo kavalerliskogo korpusa (noiabr' 1941-iiun' 1942 goda). Moskva, Voen. Izd-vo M-va obor. SSSR, 1961. 143 p.
Sakharov, S. D. [Communists in the struggle for Moscow] Kommunisty v bolakh za Moskvu. Moskva, Voen. izd-vo M-va oborony SSSR, 1961. 146 p.
Soviet military art as it was displayed in the Battle of Moscow. V. Sokolovskii. Voen.-ist. zhur. 3 no. 12: 18-23 D '61.

MOSCOW, BATTLE OF, 1941-1942—BIBLIOGRAPHY see Bibliography—Moscow, Battle of, 1941-1942

MOSCOW BASIN—CLAY
Heaving of clay rocks in connection with their genesis as revealed by the Moscow brown coal basin. A. K. Korikovskaia. Vop. gidrogeol. i inzh. geol. no. 16:80-90 '61.

MOSCOW IN LITERATURE AND ART
Zlobin, A., and V. Mikhailov, comps. [People of our city; stories on Muscovites] Liudi nashego goroda; rasskazy o moskvichakh. [Moskva] Mosk. rabochii, 1961. 301 p.

MOSCOW PROVINCE—BARNS
The farmstead of the Makarov collective farm. E. Ponomarev. Sel'. stroi. 16 no. 12:4-5 D '61

MOSCOW PROVINCE—CEMENT PLANTS
Nazarov, G. N. [Cement made near Moscow] Podmoskovnyi tsement. [Moskva] Mosk. rabochii, 1961. 73 p.

MOSCOW PROVINCE—COLLECTIVE FARMS—AUDITING AND INSPECTION
Reorganize and improve auditing work on collective farms. L. M. Zalonia. Uchet i fin. v kolkhoz i sovkhoz 19 no. 2:58-59 F '62.

MOSCOW PROVINCE—CREDIT
Lisitsian, N. S. [Issuing credit on the basis of the turnover of material values] Kredit po oborotu material'nykh tsennostei. Moskva, Gosfinizdat, 1961. 160 p

MOSCOW PROVINCE—FEEDS
Mistakes are corrected. K. M. Ikonnikov. Uchet i fin. v kolkhoz i sovkhoz 19 no. 1,16-17 Ja '62
MOSCOW PROVINCE—FOUNDING—HYGIENIC ASPECTS
At the plants of the Moscow region. O. Dobrovrakov. Okhr. truda i sotsial. strakh. 5 no. 1:28-29 Ja '62

MOSCOW PROVINCE—LIBRARIES
Assisting the builders of communism. A. IA. Popova. Bibliot. SSSR. no. 18:5-15 '61.

MOSCOW PROVINCE—ONCOLOGICAL SOCIETIES
Transactions of the 58th session of the Moscow and Moscow Province Oncological Society. B. V. Milonov, V. A. Boiadzhan. Vop. onk. 7 no. 7:115-118 '61.

MOSCOW PROVINCE—SOVIETS
A deputy who enjoys the confidence of his voters. I. Osipov. Sov. deput. trud. no. 2,87-89 F '62

MOSCOW PROVINCE—TEXTILE WORKERS
Man for his fellow man. E. Tret'iakov. Mest. prom. i khud. promys. 3 no. 1 18 Ja '62.

MOSCOW PROVINCE—TEXTILE WORKERS—DISEASES AND HYGIENE
Stay healthy! P. Arkhipov. Mest. prom. i khud. promys. 3 no. 2:20-21 F '62.

MOSCOW PROVINCE—TRADE UNIONS
Reliable assistants. F. Afonin. Mest. prom. i khud. promys. 3 no. 2:5 F '62
You will find activists everywhere. A. Sivakov. Mest. prom. i khud. promys. 3 no. 2:4-5 F '62.

MOSCOW PROVINCE—WORLD WAR, 1939-1945
Moscow. Institut istorii partii. [On the tracks of the late war, memorable places of the Patriotic War in Moscow and its environs, 1941-1945] Po sledam minuvshei voiny; pamiatnye mesta Otechestvennoi voiny v Moskve i Podmoskov'e, 1941-1945 gg. Moscow, Mosk. rabochii, 1961. 319 p.

MOSCOW PROVINCE—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS
"People's avengers." Reviewed by IA. Gorelik. Sov. voin. 43 no. 22,41 N '61

MOSCOW REGION—OAK
Characteristics of growth, present state, and marketability of oak plantations in the greenbelt of Moscow. S. V. Volkov. Nauch. zap. VLTI 23 51-68 '61.

MOSCOW REGION—PHOSPHATES
Ferrophosphates from the Moscow region. A. A. Godovikov, I. B. D'iachkova. Zap. Vses. min. ob-va 90 no. 6: 735-739 '61.

MOSCOW UNIVERSITY
Our first university. I. Petrovskii. Starsh.-serzh. no. 11 27 O[i e N] '61.

MOSCOW VALLEY—STONE AGE
Traces of the Mesolithic in the Moscow Valley. IU. A. Krasnov. Sov. arkheol. 8 no. 1:262-263 '62

MOSQUITOES
From the history of the studies on mosquitoes. Report No. 3. P. P. Perfil'ev. Trudy Inst. ist. est. i tekh. 41: 166-182 '61.
Role of photoperiodism in the seasonal development of the malaria mosquito Anopheles plumbeus Steph. (Diptera, Culicidae). E. B. Vinogradova. Dokl. AN SSSR 142 no. 2,481-483 Ja '62.

MOSSES
(see also subdivision under Arctic regions; Lvov region, Ukraine)
New data on the ecology of the moss Buxbaumia aphylla Hedw. A. E. Katenin. Bot. zhur. 47 no. 1:128-130 Ja '62.

MOTHERS
Decorating the mothers of many children with orders and medals. A. Zharova. Sots. obesp. 23 no. 2,17-18 F '62.
"You are always with me, mother . . ." A. Sergeeva. Sem'ia i shkola 17 no. 3 11-12 Mr '62.

MOTHER'S DAY
Mother's Day. G. IA. Ushakova. Doshk. vosp. 35 no. 2: 36-37 F '62

MOTHERS' PENSIONS
New legislative enactments. Sov. deput. trud. no. 2:103 F '62.

MOTHS
(see also subdivision under Azerbaijan, Transcaucasia)
Study of the electroretinogram of the faceted eye of the malva moth (Pectinophora malvella Hb.). V. V. Vasilian. Dokl. AN Arm. SSR 33 no. 5 231-234 '61

MOTION
Classification of the motions of a heavy solid body having a fixed point. V. A. Chikin. [Trudy] MVTU no. 101: 101-108 '61.
D'Alembert-Lagrange and Helder principles and the equations of the motion of mechanical systems with nonholonomic constraints. V. V. Dobronravov. [Trudy] MVTU no. 104:19-26 '61
General equations of the motion of a solid body having cavities filled with liquids and the generalization of the N. E. Zhukovskii theorem. I. S. Chikina. [Trudy] MVTU no. 104:115-136 '61.
Geometrical characteristics of antipoles during the motion of a heavy unsymmetrical body around a fixed point under the theory established by Grioli. V. A. Chikin. [Trudy] MVTU no. 104:109-114 '61
A method for determining the acceleration point during the plane parallel motion of a solid body. V. P. Kutler. [Trudy] MVTU no. 104:176-181 '61

MOTION-PICTURE CAMERAS
(see also subdivision under Moscow)
Type 70KSK motion-picture camera for high speed photography. I. E. Leites, G. A. Shmidt. Tekh. kino i telev. 6 no. 2 10-13 F '62

MOTION-PICTURE CARTOONS
Tale on happiness. S. Ginzburg. Isk. kino no. 1:83-84 Ja '62.

MOTION-PICTURE FESTIVALS see subdivision under Leipzig; Moscow

MOTION-PICTURE MUSIC
Boganova, T. V. [Motion-picture music composed by T. N. Khrennikov] Kinomuzyka T. N. Khrennikova. Moskva, Sovetskii kompozitor, 1961. 23 p.

MOTION-PICTURE PHOTOGRAPHY
Determination of the amplitudes of betatron and synchrotron oscillations of electrons by high-speed motion picture photography [with summary in English] A. G. Ershov. Zhur. eksp. i teor. fiz. 42 no. 2,606-609 F '62.
Yesterday and today. Maiia Merkel'. Isk. kino no. 1: 93-98 Ja '62.

MOTION-PICTURE PHOTOGRAPHY—BIBLIOGRAPHY see Bibliography—Motion-picture photography

MOTION-PICTURE PHOTOGRAPHY—FILMS
Khalameizer, M. B. [Automatic control in the processing of motion-picture films] Elementy avtomatiki v protsessakh obrabotki kinopleнki. Moskva, Gos. izd-vo "Iskusstvo," 1961. 183 p.
Unification of the dimension parameters in wide-screen motion pictures. S. D. Karipidi. Tekh. kino i telev. 6 no. 2 56-62 F '62.

MOTION-PICTURE PHOTOGRAPHY—PATENTS
Foreign patents for panorama motion pictures with 35 mm films. Tekh. kino i telev. 6 no. 2:90-91 F '62

MOTION-PICTURE PLAYS
(see also subdivision under Czechoslovakia; France; Hungary, Italy; White Russia)
Comrade motion-picture employees, let's go to work! Isk. kino no. 1: 1-7 Ja '62.
Correspondence with readers and movie-goers. Isk. kino no. 1: 171-173 Ja '62.
Freilikh, S. I. [Dramaturgy of the screen] Dramaturgiia ekrana. Moskva, Gos. izd-vo "Iskusstvo," 1961. 157 p.
From everywhere. Isk. kino no. 1: 168-170 Ja '62.
Helicopter in a kitchen. S. Pogodinskii. Sem'ia i shkola 17 no. 3 26-27 Mr '62.
"Horizon"; a discussion of the motion-picture play. Isk. kino no. 2:103-111 F '62.
It will be a Soviet-Cuban motion picture. Enrike Pineda Barnet. Nov. vrem. 20 no. 10 16-18 Mr '62
Motion-picture schedule. Isk. kino no. 1:174-176 Ja '62.
Motion-picture schedule. Isk. kino no. 2:175-176 F '62.
People of work and dreams. A. Obrazisova. Isk. kino no. 1: 74-80 Ja '62.
Praises and warnings; aesthetics of motion pictures during the year 1961. Jerzy Plazewski. Isk. kino no. 1:158-162 Ja '62.

MOTION-PICTURE PLAYS (Continued)
Real and ideal V. Razumnyi. Isk kino no. 2;4-10 F '62
Serious talk about a family L. Bliakhov, A. Mel'man Kul't.-prosv. rab. 23 no. 2 30-31 F '62
Soldiers look and speak Starsh.-serzh. no. 11 38 O[i e N] '61
Some trends in contemporary bourgeois motion pictures N. Vasil'eva Isk. kino no. 1 105-110 Ja '62
Time of discoveries. Isk. kino no. 3;1-3 F '62.
To what does art respond? N. Klado. Isk. kino no. 2 90-102 F '62
Turn the beacon lights on. V. Frolov. Isk. kino no. 1; 9-12 Ja '62
Young generation of Soviet motion pictures. Sergei Iutkevich. Isk. kino no. 1 13-22 Ja '62

MOTION-PICTURE PROJECTORS—PATENTS
Foreign patents for panorama motion pictures with 35 mm films. Tekh. kino i telev. 6 no. 2;90-91 F '62.

MOTION-PICTURE SCREENS
What kind of screen is best? Isk. kino no. 1; 87-92 Ja '62

MOTION-PICTURE STUDIOS—ELECTRIC EQUIPMENT
Design modification of the electric commutator key of the OZKh film printing machine I. M. Terekhov. Tekh. kino i telev. 6 no. 2;56 F '62

MOTION-PICTURE THEATERS
Is there a future for wide-screen theaters with picture masking? L. G. Tarasenko Tekh. kino i telev. 6 no. 2 23-32 F '62
Standardization of some types of acoustic processing of the auditorium of motion picture theaters of a simple shape A. N. Kacherovich Tekh. kino i telev. 6 no. 2 14-22 F '62

MOTION-PICTURE THEATERS—BIBLIOGRAPHY see Bibliography—Motion-picture theaters

MOTION PICTURES
(see also subdivision under Africa)
"Happy birthday!" V. Bynin. Ukraina no. 3 18-19 F '62
Remove obstacles. Georgii Tovstonogov. Isk. kino no. 2;112-116 F '62
Through the pages of the foreign press. Isk. kino no. 1;163-167 Ja '62

MOTION PICTURES—CENSORSHIP see subdivision under Italy

MOTION PICTURES—EQUIPMENT AND SUPPLIES
Moistu izing film storage cabinet. Tekh. kino i telev. 6 no. 2 94 F '62.
New instrument for the repair of motion-picture films. Tekh. kino i telev. 6 no. 2;94-95 F '62.

MOTION PICTURES—PERIODICALS
Fifth anniversary of "Tekhnika kino i televidentia." Tekh. kino i telev. 6 no. 2 94-96 F '62.

MOTION PICTURES—PRODUCTION AND DIRECTION
"Counterpoint of the director" by S. Iutkevich. Reviewed by Irakli Andronikov. Isk. kino no. 1; 111-115 Ja '62

MOTION PICTURES—RELIGION see subdivision under Latvia

MOTION PICTURES, DOCUMENTARY
(see also subdivision under Caspian Sea)
Days of our youth. L. Danilov. Isk. kino no. 1; 85-86 Ja '62.
"First flight to the stars." IA. Chernlavskii. Kryl. rod. 12 no. 10;28 O '61.
Joris Ivens speaks. A. Kitainika. Isk. kino no. 2; 134-136 F '62
Motion pictures of the world for peace. B. Karmen. Isk. kino no. 2;137-143 F '62
Roads to the stars. Kirill Andreev. Isk. kino no. 1; 70-74 Ja '62.
They must hear. V. Derkach. Nauka i zhyttia 11 no. 12; 38 D '61.

MOTION PICTURES, TALKING
Unification of the dimension parameters in wide-screen motion pictures. S. D. Karipidi. Tekh. kino i telev. 6 no. 2 58-62 F '62.

MOTION PICTURES AND TELEVISION
Television will become an art. A. Donatov. Isk. kino no. 1;116-124 Ja '62.

MOTION PICTURES FOR CHILDREN
Discussing motion-picture fairy tales. N. Z. Uritskii. Nach. shkola 30 no. 3;45-47 Mr '62.

MOTION PICTURES IN AGRICULTURE
On the screen are masters of rich acres. Kul't.-prosv. rab. 23 no. 2;38 F '62.

MOTION PICTURES IN EDUCATION
(see also subdivision under Yugoslavia)
Daylight motion-picture installations. IU. Znamenskii. Nar. obr. no. 3 88-89 Mr '62
It had to be proved! Isk. kino no. 1; 99-103 Ja '62.
Motion-picture lessons on history. N. Polkovnikova. Nar. obr. no. 2 96-99 F '62
Motion pictures in lessons. V. Kiseev, V. Volodkovich, P. Rybintsev Prof.-tekh. obr. 19 no. 3;27-29 F '62

MOTION PICTURES IN INDUSTRY
(see also subdivision under Finance)
Using motion pictures for the evaluation of work intensity E. Semenov. Biul. nauch. inform.; trud i zar. plata 5 no. 2;60-63 '62.

MOTION PICTURES IN LITERATURE
"Poetics of motion-picture art" by E. Dobin. Reviewed by N. Kovarskii Isk. kino no. 2;155-165 F '62.

MOTION PICTURES IN SCIENCE
Future on a screen. B. Liapunov. Nauka i zhizn' 28 no. 12;52-55 D '61.
Traveling on parallel tracks at different speeds. M. Arjanov Isk. kino no. 2;116-154 F '62

MOTION PICTURES IN SPORTS
Sports as seen by the cinematic eye. I. S. Prok. Teor. i prak. fiz. kul't. 24 no. 10;731-735 '61.

MOTOR FUELS
Coagulation of the dispersed phase as one of the causes of lacquer formation in engines K. K. Papok, S. P. Berenson. Khim. i tekh. topl. i masel 7 no. 3;50-56 Mr '62.
Papok, K. K., and E. G. Semenido, eds. [Motor, jet, and rocket fuels] Motornye, reaktivnye i raketnye topliva. 4., perer. i dop. izd. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, 1962. 741 p.

MOTOR FUELS—ANTIKNOCK AND ANTIKNOCK MIXTURES
Reference fuels A. P. Zarubin. Azerb. neft. khoz. 40 no. 8 39-41 Ag '61.

MOTOR SCOOTERS
Shvalkovskii, V. V. [Modern motorcycles; construction of motorcycles and motor scooters] Sovremennye mototsikly; ustroistvo mototsiklov i motorollerov. Izd. 2., perer. Moskva, Izd-vo DOSAAF, 1961. 287 p.

MOTOR SLEDGES
Aerosleigh with an air cushion. G. Lipman. IUn. tekh. 6 no. 1;57-59 Ja '62

MOTOR VEHICLES
(see also subdivision under Czechoslovakia, Zhodino)
Important objective of the national economy I. Goberman. Avt. transp. 40 no. 3; 11-14 Mr '62.
Let us have more special-purpose motor vehicles of better quality and greater variety. Avt. transp. 40 no. 3 3 Mr '62.
[Manual for motor vehicle drivers] Spravochnik shofera. [By] V. F. Epifantsev, A. S. Amelin. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1961. 547 p.
Motor Vehicles for agricultural freight. V. Ivanov. Avt. transp. 40 no. 3 43-44 Mr '62.
Motor vehicles for the transportation of consumers' goods. Ch. Kadykov. Avt. transp. 40 no. 3 48-50 Mr '62.
Motortruck and semitrailers for agricultural freight. Avt. transp. 40 no. 3, 47 Mr '62.
New Soviet motor vehicles. Avt. transp. 40 no. 2;13, 14, 17, 23, 26, 34, 36, 37, 38, 44 F '62.
New Soviet motor vehicles. Avt. transp. 40 no. 3; 12, 14, 19-21, 23-25 Mr '62.
Objectives of the motor-vehicle industry in creating new motor-vehicle equipment in 1962. A. A. Anders. Avt. prom. 28 no. 1;1-3 Ja '62.
Public automotive transportation should have special purpose motor vehicles. N. Sladkovskii. Avt. transp. 40 no. 3 8-10 Mr '62.
Special-purpose motor vehicles and the mechanization of loading and unloading operations. G. Degterev. Avt. transp 40 no. 3;18-20 Mr '62.

MOTOR VEHICLES—AXLES
Strength analysis of semiaxles of motor vehicles B. V. Gol'd, E. P. Obolenskii. Avt. prom. 28 no. 2;23-26 F '62.

MOTOR VEHICLES—BIBLIOGRAPHY see Bibliography—Motor vehicles

MOTOR VEHICLES—COLD WEATHER OPERATION
Automatic control of engine preheaters A. N. Moiseichik. Avt. prom. 28 no. 2;15-18 F '62.
Investigating methods for the preheating of engines. I. Tandura, L. Syskov. Avt. transp. 40 no. 2;18-19 F '62.

MOTOR VEHICLES—DESIGN AND CONSTRUCTION
Organizing the industrial production of special-purpose motor vehicles. A. Anders Avt. transp 40 no. 3; 15-17 Mr '62.

MOTOR VEHICLES—FUEL CONSUMPTION—MEASUREMENT
New device for measuring fuel consumption. V. Bernatskii Avt. transp. 40 no. 2;41-43 F '62

MOTOR VEHICLES—FUEL SYSTEMS
Automatic viscous corrector of maximum fuel feed for engines using various fuels O. P. Ponomarev Avt. prom. 28 no. 2 26-30 F '62
Fuel feed system of engines, sixth lecture. V. Anokhin Sel'. mekh. no. 12;35-38 '61

MOTOR VEHICLES—IGNITION
Electrostatic ignition in carburetor engines. L. N. Novstruev. Avt. prom. 28 no. 1 17-20 Ja '62

MOTOR VEHICLES—MAINTENANCE AND REPAIR
Nesvitskii, IA. I. [Maintenance of motor vehicles] Tekhnicheskaia ekspluatatsiia avtomobilei. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1961. 407 p.
Selective assembling is the basis of high quality repair K. Koshkin. Avt. transp. 40 no. 2;27-30 F '62
MOTOR VEHICLES—PAINTING
Drying painted surfaces by heat radiation. A. Kato Avt. transp. 40 no. 2;30-32 F '62.

MOTOR VEHICLES—PNEUMATIC EQUIPMENT see subdivision under Minsk

MOTOR VEHICLES—SOCIETIES, ETC.
Main objectives of our work Za rul. 20 no. 1 [illegible] '62.

MOTOR VEHICLES—STUDY AND TEACHING
Creating visual training aids. N. Apollitskii. Avt. transp. 40 no. 2;46-48 F '62.
From simple to complicated problems. V. Beregulin, B. Gel'burt. Za rul. 20 no. 1;16 Ja '62.

MOTOR VEHICLES—TIRES
Centralized servicing of automotive transportation units by a tire-repair plant. E. Pavlov. Avt. transp. 40 no. 2;37-38 F '62.
Operating stands for tire dismounting. I. Ermolenko, G. Makarov. Avt. transp. 40 no. 2;20-22 F '62

MOTOR VEHICLES—TRANSMISSION DEVICES
Analysis of cam differentials designed by the Gorkiy Automobile Plant. N. F. Klinchko. Avt. prom. 28 no. 2 18-22 F '62.

MOTOR VEHICLES—TRANSMISSION DEVICES—VIBRATION
Effect of hydrokinetic transmissions on torsional vibrations. B. A. Pylov and others Avt. prom. 28 no. 2 13-15 F '62

MOTOR VEHICLES—WHEELS
Investigating the stability of the alignment of front wheels of a motor vehicle. V. S. Golubkov, V. I. Knorov, I. I. Striukov. Avt. prom. 28 no. 2;9-12 F '62

MOTORBOATS
A set of propellers is needed. V. Vishnevskii Za rul. 20 no. 1;30 Ja '62.
The third speed potentiality. A. Voshchinin. Za rul. 20 no. 1;29-30 Ja '62.

MOTORBUS LINES
Best conveniences for passengers. V. Antoshkin. Avt. transp. 40 no. 2;14-15 F '62.

MOTORBUS LINES—STATIONS see subdivision under Kiev

MOTORBUSES
(see also subdivision under Lvov)
Operation of motorbuses and taxicabs under public control. T. Loboda, I. Onoiko. Avt. transp. 40 no. 2;8-9 F '62.

MOTORCYCLE RACING
(see also subdivision under Latvia)
Stages of world championship in the U.S.S.R. M. Kedrov. Za rul. 20 no. 1;32 Ja '62.

MOTORCYCLES
Green light to new motorcycle equipment. Za rul. 20 no. 1 14-15 Ja '62.
Invisible handicap. IU. Trofimets. Za rul. 20 no. 1 27-28 Ja '62.
Shvalkovskii, V. V. [Modern motorcycles; construction of motorcycles and motor scooters] Sovremennye mototsikly; ustroistvo mototsiklov i motorollerov. Izd. 2., perer. Moskva, Izd-vo DOSAAF, 1961. 287 p.

MOTORCYCLES—MAINTENANCE AND REPAIR
Where should motorcycles be repaired? V. Stankov. Tekh. v sel'khoz. 22 no. 1;92 Ja '62.

MOTORSHIPS
[Marine engineering handbook for the operation of motorships] Spravochnik dlia mekhanika i motorista toplivkhoda. Sost. E. S. Leont'evskii i N. N. Renskii. Moskva, Izd-vo "Rechnoi transport," 1961. 568 p.

MOTORTRUCKS
Motortrucks and semitrailers for the transportation of industrial goods and food stuffs. Avt transp. 40 no. 3, 51 Mr '62.
Possibilities for increasing the productivity of tractors and trucks on collective farms S. V. Kochetkov. Dokl i soob. VNIESKH no 11:61-71 '61.
Straight-frame motortrucks and semitrailers. Avt transp 40 no 3 36 Mr '62
Transportation in agriculture. A. P. Zhilin. Vop. zemledel'. mekh 7:237-282 '61.

MOTORTRUCKS—CLUTCHES
"Clutches" by IA E Malakhovskii, A A. Lapin. Avt prom 28 no 2 3 of cover F '62.

MOTORTRUCKS—ENGINES—TESTING
Stand testing of the 680/450 Leyland engine. V. F Kutenev, I. I. Putsev Avt. prom 28 no. 2 45-47 F '62

MOTORTRUCKS—LUBRICATION
Oils for V-engines of motortrucks. O. S. Obleukhova, V. V. Protiasov. Avt. prom 28 no. 1 14-17 Ja '62.

MOTORTRUCKS—SPRINGS
Some results of the investigation of suspension characteristics of a motortruck. A. A. Mel'nikov. Avt prom. 28 no. 2, 30-34 F '62.

MOTORTRUCKS—TIRES
Improving the performance of tubeless tires for trucks. L. G. Khrapunov. Kauch. i rez. 21 no. 2: 26-28 F '62
Motion on snow of the MAZ-501 motortruck with extra-wide lug-type tires. IU. D. Sikkov Avt. prom. 28 no. 1:23-24 Ja '62.
New kind of tires for trucks. S. M. TSukerberg, B. V. Nesukhov, R. K. Gordon. Kauch i rez. 20 no. 9:34-38 S '61.

MOUNDS see subdivision under Alma-Ata Province; Dnieper Valley; Dzhambulskiy District; Goroshkov, White Russia; Kaushany District; Kislovodsk region; Lchashen; Rovenskiy District; Zhannaraskiy District

MOUNTAIN WARFARE
In spite of difficulties. V. Loginov. Voen. vest. 41 no. 10 22-24 O '61.
Tank driving in the mountains. P. Plotnikov. Voen. vest. 41 no 10-108-109 O '61.

MOUNTAINEERING
Mountains call. V. Perventsev. Sov. voin 43 no. 22: 37-39 N '61.

MOUTH
Lacrimal secretion following stimulation of the conjunctiva of the eye and the mucosa of the oral cavity. I. A. Lapina. Fiziol. zhur. 48 no. 1:72-75 Ja '62.

MOUTH—DISEASES
Effect of mouth breathing on the state of the maxillodental system. Z. M. Grekova, E. P. Reusova, N. P. Safronova. Probl. stom. 5:405-410 '60.
State of the maxillodental system in patients with certain endocrine disorders. L. P. Grigor'eva. Probl. stom. 5:398-404 '60.
Treatment of diseases of the mouth by electrophoresis of antibiotics. G. I. Khaikin. Zdrav. Kazakh. 21 no. 5: 30-31 '61.

MOUTH—MICROBIOLOGY
Influence of the infectious process on the form and some properties of the normal microflora of the macroorganism. I. E. Demikhovskii. Zhur. mikrobiol., epid. i immun. 32 no. 9:140-141 S '61.
Relation of pathogenic microbes to antibiotics secreted by the microflora of the oral cavity [with summary in English]. I. E. Demikhovskii. Antibiotiki 7 no 1:71-74 Ja '62.

MOUTH BREATHING
Effect of mouth breathing on the state of the maxillodental system. Z. M. Grekova, E. P. Reusova, N. P. Safronova. Probl. stom. 5:405-410 '60.

MOVEMENT (PHYSIOLOGY)
Characteristics of macrointerval in the motor activity of a man [with summary in English]. V. S. Averianov. Vest. LGU 17 no. 3:93-101 '62.

MOVEMENT, PSYCHOLOGY OF
Evaluation of movement technique of students. Report No. 1. Two accepted methods of evaluation. V. G. Podol'skii. Dokl. APN S no. 3:111-116 '61.
Symmetrical and cross coordination of hand movements in children V. P. Nazarov. Dokl. APN 5 no 5:115-117 '61.

MOWING MACHINES
Forward speed of hay mowers. E. Kh. Saifi. Shor. nauch. -issl. rab. UzNIIME no. 1:182-190 '59.
Mowing machine for operation at high speeds. I. A. Matrosova. Trakt. i selkhozmash. 32 no. 3:36 Mr '62.

MTSKHETA REGION—ANTIQUITIES
Designation of some ceramic articles discovered at Samtavro K. I Beridzenishvili Soob AN Gruz SSR 27 no 6:803-806 D '61

MUCOIDS
Clinical evaluation of the mucoproteins in the blood in rheumatism in children T P Borisova, T A Korduban Pediatriia 41 no 3 15-22 '62

MUCOUS MEMBRANE
Diagnostic significance of changes in the mucosa of the large intestine in dysentery. V. G. Dubovskii. Vrach delo no. 1:123-125 Ja '62.
Lacrimal secretion following stimulation of the conjunctiva of the eye and the mucosa of the oral cavity I. A. Lapina Fiziol zhur 48 no. 1:72-75 Ja '62.

MUD VOLCANOES
(see also subdivision under Caspian Sea; Dagi Bay)
Mud volcanoes power. M. Subbota. Tekh. mol. 30 no. 1 5-6 '62

MUKACHEVO DISTRICT—JEHOVAH'S WITNESSES
Our great goal. H. Ladani. Voiov. ateist no. 1:4-5 Ja '62.

MULBERRY—VARIETIES see subdivision under Azerbaijan

MUNICH FOUR-POWER AGREEMENT, 1938
Italian fascist diplomacy and the Munich deal [with summary in English, p. 197]. I. N. Bocharov. Nov i noveish. ist. no. 1:72-86 '62.

MUNICIPAL SERVICES
Russia (1917- R. S. F. S. R.) Ministerstvo kommunal'nogo khoziaistva. Tekhnicheskoe upravlenie. [Supplying electricity and heat in the cities] Elektrosnabzhenie i teplosnabzhenie gorodov; nauchno-tekhnicheskii informatsionnyi sbornik. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1961. 141 p. (Novaia tekhnika zhilishchno-kommunal'nogo khoziaistva. Seriia 5)

MUNITIONS
Notes of the People's Commissar of Armaments. B Vannikov. Voen -ist. zhur. 4 no. 2:78-88 F '62.

MURASHI—RESTAURANTS, LUNCHROOMS, ETC.
Brigade of communist labor at work. A. Bakatin. Obshchestv. pit no. 11 41 N '61.

MURDER
How to investigate a murder committed during a brawl V Ivanov. Sots. zakon 39 no. 2, 70-73 F '62.
Some problems relating to the determination of premeditated murder. N. Zagorodnikov. Sov. iust no. 3:4-5 F '62

MURMANSK PROVINCE—CLIMATE
IAkovlev, B. IA. [Climate of Murmansk Province] Klimat Murmanskoi oblasti. [Murmansk] Murmanskoe knizhnoe izd-vo, 1961. 178 p.

MURMANSK PROVINCE—MINING ENGINEERING
Mines of the Murmansk Economic Region. V. A. Shlykov. Gor zhur. no. 10:7-8 O '61.

MURMANSK PROVINCE—REINDEER
Popov, S. P. [For 25-30 centners of meat from one hundred reindeer] Za 25-30 tsentnerov miasa ot sotni olenei. [Murmansk] Murmanskoe knizhnoe izd-vo, 1960. 43 p.
(DA)

MUROM—PENSIONERS—SOCIETIES, ETC.
Public workers. I. Moskvin. Sots. obesp. 23 no. 1: 39 Ja '62.

MUSCLE
Effect of mitral commissurotomy on the skeletal muscle tonus [with summary in English]. B. K. Panfilov. Terap. arkh. no. 9:31-35 '61
Electron microscope study of the structure of the smooth muscle tissue of the intestinal wall in Triton [with summary in English]. I. B. Pavlova, N. M. Shestopalova, V. N. Reingol'd. Arkh. anat. gist. embr. 40 no. 6:64-70 Je '61.
Histochemical study of lipase in muscle tissue [with summary in English]. I. M. Diculescu, N. G. Naum Arkh. anat. gist. embr. 40 no. 6:60-63 Je '61.

MUSCLE—MOTILITY
Interaction of myosins A and B with adenosine triphosphate and some problems in the theory of muscular contraction [with summary in English]. M. M. Zaalishvili. Trudy Inst. fiziol. AN Gruz. SSR 12:175-192 '61.

MUSCLE RELAXANTS
Bronchoscopy under anesthesia combined with muscle relaxants and oxygen insufflation. M. M. Grinev. Vest. otorin. no 4:40-44 '61.
Combined anesthesia using nitrous oxide and fractional doses of thiopental with the use of muscle relaxants in mitral commissurotomy [with summary in English]. I. P. IAmkovoi. Vest. khir. no. 2:111-116 '62.

MUSCLES
Change in muscular strength following static efforts of varying duration at various stages of training. E. P Il'in. Teor. i prak. fiz. kul't. 24 no 12:910-912 '61
Change in the work capability of the skeletal muscle under the influence of an infusion of intoxicating lagochilus. Kh. Irgashev Med zhur Uzb no. 6:67 Je '60
Cutaneomuscular and tendon reflexes in monkeys. P. S. Babkin. Fiziol zhur 48 no 1:31-38 Ja '62.
Dynamics of glycogen distribution in regenerating skeletal muscle during the period of early postembryonal development in rats [with summary in English] N. N. Dampel' Arkh. anat. gist. embr. 40 no 6:54-59 Je '61
Effect of metabolism on the physical electrotonus in smooth muscles [with summary in English]. M. F. Shuba. Fiziol zhur [Ukr.] 8 no 1:54-61 Ja-F '62
Measurement of the strength of the muscles of the leg and foot. IA. D. Shokhman. Ortop., travm i protez. no. 1:70-72 '62.
Reflex after-discharge of tonic and tetanic muscles [in Georgian with summaries in English and Russian] E. S. Moniava. Trudy Inst. fiziol AN Gruz. SSR 12 69-81 '61.
Studying the tensile reaction of trunk muscles in children and adults. IA. M. Kots. Dokl. APN 5 no 2, 97-100 '61.

MUSCLES—DISEASES
Bioelectric activity of muscles in cases of trophic derangements with affection of peripheral motor neurons and muscles [with summary in English]. G. Enina. Izv. AN Latv SSR no. 1 111-116 '62.
Localized myositis ossificans. K. Ormantaev. Zdrav Kazakh. 21 no. 10:66-68 '61

MUSCLES—INNERVATION
Histopathology of the skeletal muscles in their denervation V. V. Titkova Arkh. pat no. 2:55-59 '62.

MUSCLES—SURGERY
"Experimental surgery on the muscles" by A. N. Studitskii. Reviewed by IA. A. Vinnikov. Arkh. anat. gist. i embr. 41 no. 7:122-125 Jl '61.

MUSCLES—TRANSPLANTATION
Filling of bone cavities with minced muscle tissue in chronic osteomyelitis; experimental clinical research. S. N. Pravednikov. Nov. khir. arkh. no. 4:24-31 Jl-Ag '60.
Histological changes in implants of granulated muscle tissue [with summary in English]. A. A Braun Arkh. anat. gist. embr. 40 no. 6:23-30 Je '61.
Regeneration of a defect in the skeletal muscle of a dog by the method of transplanting granulated muscle tissue [with summary in English]. Z. P Ignat'eva. Arkh anat. gist. embr. 40 no. 6:31-40 Je '61.
Regeneration of muscle by the method of transplanting granulated muscle tissue after sensory denervation [with summary in English]. R. P. Zhenevskaia Arkh. anat. gist. embr. 40 no. 6:46-53 Je '61.

MUSCOVITE see subdivision under Bel'chaki region

MUSCULAR DYSTROPHY
Treatment of lambs in white muscle disease. IU. Sozonov. Veterinariia 39 no. 1:60 Ja '62
Use of sodium selenite in white muscle disease in lambs. G. I. Titov. Veterinariia 39 no. 1:58-59 Ja '62.

MUSEUMS see subdivision under Estonia; also subdivision 'Art galleries and museums' under Leningrad

MUSEUMS—EQUIPMENT AND SUPPLIES
Use of BF-2 glue in museum practice. N. Kh. Grigor'ev. Lab. delo 8 no. 2 61 F '62

MUSIC
(see also subdivision under Germany, East; Leningrad; Tajikistan; United States)
Brief news. Sov. muz. 26 no. 2:145-160 F '62.
The future shall have such music! IU. Gaverdovskii. Sov. muz. 26 no. 2:20-22 F '62.
Knowing and loving music. E. Rakova. Komm. Bel. 35 no. 6:68-70 Je '61.
Letters from abroad. Leopold Stokowski and others. Sov. muz. 26 no. 2:128 F '62.
Motley pages. Sov. muz. 26 no. 2:134-138 F '62.
Peace, work, and art. V. Skatershchikov. Sov. muz. 26 no. 2:6-10 F '62.

MUSIC—BIBLIOGRAPHY see Bibliography—Music

MUSIC—COMPETITIONS see subdivision under Moscow

MUSIC—CONGRESSES
To stand on the ground of life. Sov. muz. 26 no. 2:3-5 F '62.

MUSIC—HISTORY AND CRITICISM
[Music and our times] Muzyka i sovremennost'; sbornik statei. Moskva, Sovetskii kompozitor, 1961. 60 p.

MUSIC—INSTRUCTION AND STUDY

To seek and to create. T. Gaidamovich Sov muz. 26 no. 2:79-82 F '62

Training of a music teacher in a pedagogical institute Ya. I. Berkman Sov pedag 26 no 1 95-103 Ja '62

MUSIC—INTERPRETATION (PHRASING, DYNAMICS, ETC.)

Vopriš, A.M. [Interpretation of orchestral scores] Tvaŕovka instrumentov orkestra Moskva, Gos muzykal'noe izd-vo, 1961 300 p

MUSIC—PHILOSOPHY AND AESTHETICS

Sokhor, A. N. [Music as a form of art] Muzyka kak vid iskusstva. Moskva, Gos. muzykal'noe izd-vo, 1961. 133 p. (V pomoshch' slushateliam universitetov kul'tury)

MUSIC AND COLOR

The chief designer is a former sergeant. IU Mikhailov Starsh.-serzh no 10 37 O '61.

Music of color F. IUr'ev. Nauka i zhyttia 11 no 1: 55-56 Ja '62

MUSIC FESTIVALS see subdivision under Warsaw

MUSIC HALLS (VARIETY THEATERS, CABARETS, ETC.) see subdivision under Moscow

MUSICAL FORM

Rolfershtein, M. L. [One-part, two-part, and three-part musical forms] Muzykal'nye formy, odnochastnaia, dvukhchastnaia i trekhchastnaia formy Moskva, Sovetskii kompozitor, 1961. 34 p. (Serila "Iz opyta raboty nauchnogo universiteta kul'tury Sverdlovskogo rayona g. Moskvy)

MUSICAL INSTRUMENTS

Klotins, Arnolds. [Symphony orchestra] Simfoniskais orkestris Riga, Latvijas Valsts izdevnieciba, 1961. 96 p. (Orkestra instrumenti) [In Latvian]

Rogal'-Levitskii, D. R. [Discussing the orchestra] Besedy ob orkestre. Moskva, Gos muzykal'noe izd-vo 1961 287 p.

MUSICIANS

For closer creative ties! D Bashkirov Sov muz 26 no. 2 18-20 F '62

Love for art is a love for people M. Rostropovich Sov. muz 26 no 2:14-18 F '62

MUSICOCALLISTHENICS

Raevskaia, E. P., G. N. Soboleva, and Z. N. Ushakova, [Musico-callisthenics in a kindergarten] Muzykal'no-dvigatel'nye uprazhneniia v detskom sadu. Leningrad, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 159 p.

MUSKRATS see subdivision under Kazakhstan

MUSORGSKII, MODEST PETROVICH, 1839-1881

Pecerskis, Peteris. [Modest Musorgskii; an account of his life and work] Modests Musorgskis, dzives un daiirades apraksts Riga, Latvijas Valsts izdevnieciba, 1961. 147 p. [In Latvian]

MUTTON

Survival of Brucella in the ripening and freezing of mutton. I. A. Kosilov, L. I. Seletskaia. Veterinariia 39 no 1: 63-64 Ja '62.

MUTUAL ECONOMIC ASSISTANCE COUNCIL

Fruitful cooperation, communique on the 15th session of the Mutual Economic Assistance Council. Vnesh. torg. 42 no. 2 insert 1-3 F '62.

Tenth meeting of the Mutual Economic Assistance Council on Nonferrous Metallurgy. TSvet met. 35 no. 2: 82 F '62.

MUYALDY—BATHS, MOOR AND MUD

Excretion of 17-ketosteroids with the urine in mud bath [illegible] of infectious nonspecific [illegible] e Muyaldy Health Resort [illegible] azakh. 21 no. 5:44-47 '61.

[illegible] tomy in myasthenia. [illegible] N. Bufanova. Grud.

[illegible] culosis labelled with [illegible] lies of the guinea pigs [with summary in [illegible] Uvarova. Probl. tub.

[illegible] berculosis in osteo- [illegible] nary in French]. V. A. [illegible] 3 '62.

[illegible] ligenic complexes [illegible] s [with summary in [illegible] hatenever, L. V. Zhu- [illegible] amun. 32 no. 9 116-

Speeded up methods for determining tuberculosis bacteria in milk I. I Arkhangel'skii, V. M. Kartashova Veterinariia 39 no. 1:73-77 Ja '62

Use of the niacin test for the differential diagnosis of various mycobacteria E Polenská and others Probl tub no 2 93-96 '62

MYCOSES

Some problems in the clinical classification and terminology of fungus diseases A M Arievich. Vest. derm i ven. no. 2:14-20 '62.

MYCOSTATIN

Nystatin treatment of candidiasis. S. I. Ashbel', V. G. Sokilova. Kaz. med. zhur. no. 4:63-67 Jl-Ag '61.

MYIASIS

Gadfly larvae in the mucous membranes of the eye and nose G M Gukasian Vest otorin no 2 101-102 '62.

MYOPIA

Correlations of myopia in man with the anatomical and physiological characteristics of his body A A. Malinovskii Vop. antr. no. 7:66-76 '61.

MYOSIN

Interaction of myosins A and B with adenosine triphosphate and some problems in the theory of muscular contraction [with summary in English] M M. Zaalishvili Trudy Inst. fiziol AN Gruz SSR 12,175-192 '61

Proteins of muscle tumors A N. Parshin, Kh L Aleksandr Dokl AN SSSR 143 no 1 228-230 Mr '62.

MYSHUHA, OLEKSANDR PYLYPOVYCH

Oleksandr Myshuha. IEvhen Kretevych. Ukraina no. 1 25 F '62.

MYTHOLOGY, CLASSICAL—DICTIONARIES

Botvinnik, M. N., and others, comps. [Mythological dictionary] Mifologicheskii slovar'. Leningrad, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 292 p.

MYTHOLOGY, VANNIC

Kapantsian, G. A. [The Urartaean deity Shebitu] Ob urartskom bozhestve Shebitu. Erevan, 1947. 15 p. (NNC)

N-RAYS

History of a delusion. A. S. Krymov. Priroda 51 no. 2: 116-117 F '62.

NADINSKII, PAVEL NAUMOVICH, 1896-1961

P. N. Nadinskii; obituary. Ukr. ist. zhur 6 no. 2:157 Mr-Ap '62

NAFTALAN REGION—WATER, UNDERGROUND

Study of the hydrogeology of the Naftalan field. M. S Agalarov Azerb neft khoz 40 no 8 8-10 Ag '61

NAKHICHEVAN A. S. S. R.—ARCHITECTURAL INSCRIPTIONS

Frieze inscriptions in the interior of the Momine-Khatun mausoleum [in Azerbaijani with summary in Russian]. S. Kerimzade. Dokl. AN Azerb. SSR 17 no. 12:1193-1197 '61.

NAKHICHEVAN A.S.S.R.—BRACHIOPODA, FOSSIL

New Devonian brachiopod species from the Nakhichevan A.S.S.R. A.B. Mamedov. Paleont. zhur. no. 3:51-56 '61

NAKHICHEVAN A.S.S.R.—LISTERIOSIS

Encephalitic form of listeriosis in sheep in the Nakhichevan A.S.S.R. A.A. Annagiev Veterinariia 39 no. 1:34 Ja '62.

NAKHICHEVAN A.S.S.R.—MILK VETCHES

Roots of principal guttiferous milk vetches of the Turkmen S.S.R. and Nakhichevan A.S.S.R. P.K. Krasil'nikov. Trudy Bot. inst. Ser. 5 no. 10:190-256 '62.

NAKHIMOV, PAVEL STEPANOVICH, 1803-1855

Nakhimov's ring. K. Grishchinskii. Neva no. 8:222 '61.

NAKHIMSON, SEMEN MIKHAILOVICH, d.1918

Kondrat'ev, Nikolai. [Burn, my heart!] Gori moe serdtse.... Riga, Latvliskoe gos. izd-vo, 1961. 241 p.

NAKHODKA—DESCRIPTION

By the Pacific Ocean. Oleksandr Hordii Ukraina no. 3: 15-16 F '62.

NAMANGAN (UZBEKISTAN)—TUBERCULOSIS—HOSPITALS AND SANATORIUMS

Establishment of the Namangan Branch of the Uzbek Scientific Research Institute for Tuberculosis. R. A. Agzamov. Med. zhur. Uzb. no. 3:77 Mr '60.

NAMES see subdivision under Asia Minor

NAMES, ARMENIAN

Vartapetian, N. A. [Guide to Russian transcription of Armenian given and family names, and geographic names] Spravochnik po russkoi transkriptsii armianskikh imen, familii i geograficheskikh nazvanii. Erevan, Armianskoe gos. izd-vo, 1961 120 p.

NAMES, GEOGRAPHICAL

(see also subdivision under Africa, Transbaikalia)

Geologists coin the names of future addresses. V. Shmakov Vokrug sveta no 3:14-15 Mr '61

Russia's name on the world map V. Gurevskii. Vokrug sveta no. 5,17 My '61

NAMES, GEOGRAPHICAL—DICTIONARIES

Mel'khov, M. N. [Geographic names, toponimy dictionary, textbook for teachers] Geograficheskie imena, toponimicheskii slovar'. Posobie dlia uchitelei. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 99 p.

NAMES, PERSONAL

Kolokolova, L. I. [Personal names in the early works of A. P. Chekhov, anthroponymy in literature] Imena sobstvennye v rannem tvorchestve A. P. Chekhova, literaturno-khudozhestvennaia antroponimika. [Kiev] Izd-vo Kievskogo univ., 1961. 74 p.

NANSEN, FRIDTJOF, 1861-1930

Documents on Fridtjof Nansen. Vest AN SSSR 31 no 1 76-83 Ja '61.

Fridtjof Nansen's anniversary. A. A. Zvankhin. Izv. AN SSSR, Ser. geog. no. 1 161-169 Ja F '62.

NAPHTHALENE

Alkylation of tetralin by olefins on a cycloparaffin ring. L. Kh. Freidlin, N. M. Nazarova. Neftekhimiia 1 no 5: 619-623 S-O '61

Catalytic alkylation of tetralin in the presence of metallic aluminum N. I Shuikin and others Neftekhimiia 1 no 1 40-45 Ja-F '61

Catalytic alkylation of tetralin Report No 6 Alkylation of tetralin by secondary alcohols. N. I Shuikin, N A Pozdniak Izv AN SSSR. Otd khim nauk no 2 324 327 F '62

Catalytic dehydrocyclization of 2 n. hexyl- and 2-sec. hexyl naphthalenes. N I Shuikin and others. Izv AN SSSR. Otd Khim nauk no 2 327-333 F '62.

Investigation of the polymerization of isopropenyl aromatic compounds Ionic polymerization of p- and o-substituted α-methyl-styrenes and α-isopropenylnaphthalene. A M Polinkov, V. V Korshak, N A Lipatnikov. Neftekhimiia 1 no 2 221-229 Mr Ap '61.

N-bis(chloroethyl)amines of bicyclic compounds. Part 5: Some new derivatives of indan, tetrahydronaphthalene, and benzocycloheptane K. V. Ivashina, I. I. Kotodkina, S. I. Sergievskaia. Zhur. ob. khim 32 no. 2,461-467 F '62.

Oxidative and oxidative-hydrolytic transformations of organic molecules. Part 11: Synthesis, properties, and hydrolytic transformations of halo- and hydroxyl ketones of the tetralin series I. A. Shchukina, Ye. P. Seriakin Zhur. ob. khim 32 no 2,473-485 F '62

Stereochemistry of cyclic compounds. Part 43: Stereochemistry of the diene condensation of trans-1-vinyl-6-acetoxy-9-methyl-Δ¹-octalin with maleic anhydride, and some transformations of dicarboxylic acids of the phenanthrene series. I. A. Gurvich, I. M. Mil'shtein, V. I. Kucherov Zhur. ob. khim. 31 no 12,3939-3945 D '61

Steric hindrances and reactivity of organic compounds Part 3: Isomerization of 1, 8-dihalonaphthalenes in the presence of anhydrous β-naphthalenesulfonic acid V. A. Koptiug, V. G. Shubin, V. A. Pinkhov. Zhur. ob khim 31 no 12:4023-4028 D '61

Trans-1-vinyl-6-oxo-9-methyl-Δ¹-octalin in the reactions of diene synthesis and some conversions of d, l-18-nor-14-iso-oxy-Δ⁹(11)-androstene-15, 17-diene acetate. V. F Kucherov, I. A. Gurvich Izv AN SSSR. Otd khim. nauk no. 2 303-305 F '62

2-Trifluoromethylnaphthalene and its derivatives. I. M. IAgupol'skii, IU. A. Fialkov, P. A. IUfa. Zhur. ob. khim 31 no 12:3962-3970 D '61.

NAPHTHALENE—SPECTRA

Steric hindrance and reactivity of organic compounds. Part 4 Certain characteristics of the ultraviolet absorption spectra of peri-substituted naphthalenes. V. A Koptiug, V A. Plakhov. Zhur. ob. khim. 32 no. 1,256-259 Ja '62.

Symmetry of the 3d excited state of naphthalene. L. D. Derkacheva. Opt. i spektr. 12 no. 2:329-330 F '62.

NAPHTHALENE CRYSTALS

Exciton luminescence of mixed crystals of naphthalene-H_8 - naphthalene-D_8. E. F. Sheka. Opt. i spektr 12 no. 1:137-140 Ja '62.

Temperature effect on the kinetics of the sensitized luminescence of certain impurities in naphthalene crystals. V. P. Kovalev. Opt. i spektr. 12 no. 1:143-144 Ja '62.

NAPHTHALENESULFONIC ACID

Steric hindrances and reactivity of organic compounds. Part 3: Isomerization of 1, 8-dihalonaphthalenes in the presence of anhydrous β-naphthalenesulfonic acid. V. A. Koptiug, V. G. Shubin, V. A. Plakhov. Zhur. ob. khim. 31 no. 12:4023-4028 D '61.

NAPHTHOL
Oxidation of β-naphthol and some of its derivatives by peroxide compounds. M. L. Khidekel' and others. Dokl. AN SSSR 140 no. 5:1096-1099 O '61.
Variants of the total synthesis of estrone based on 1-vinyl-6-methoxy-1-tetralol and methyldihydroresorcinol. S. N. Ananchenko, Tao Dzhen'-I', I. V. Torgov. Izv. AN SSSR Otd. khim. nauk no. 2 298-302 F '62

NARYM VALLEY—STONE AGE
Stone Age finds in eastern Kazakhstan. A. A. Krylova. Trudy Inst. ist., arkheol. i etn. AN Kazakh SSR no. 12: 87-91 '61.

NARYNKOL DISTRICT—COOPERATIVE SOCIETIES
Cooperative workers of Narynkol report. A. Tashonov. Koop. Kazakh. 4 no. 12,9-10 D '61

NASOPHARYNX—DISEASES
Bleilin treatment of focal infections of the nasopharynx in the prevention of relapses in rheumatism [with summary in English]. Z. A. Zal'tsman. Sov. med. 25 no. 12,86-90 D '61

NATIONAL PARKS AND RESERVES see subdivision under Rumania

NATIONALITIES
(see also subdivision under China, Taymyr Peninsula; Turkmenistan)
Marxist-Leninist theory of the nationalities problem is the basic source for fraternal friendship among the peoples of the U. S. S. R. P. N. Chukhrii. Pratsi Od. un. 150. Ser. susp. nauk no. 3:124-138 '60.
National relations in the U. S. S. R. in the period of the large-scale building of communism. F. V. Tadevosian. Prep. ist. v shkole 17 no. 2 29-36 Mr-Ap '62

NATIONALITIES, PRINCIPLE OF
V. I. Lenin and the traditions of national liberation struggle. K. D. Petrialev. Pratsi Od. un. 150. Ser. susp. nauk no. 3:151-163 '60

NATURAL GAS see Gas, Natural

NATURAL HISTORY
(see also subdivision under Vologda Province)
Karpov, M. M. [Dialectical materialism and natural science] Dialekticheskii materializm i estestvoznanie. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 40 p.
M. V. Lomonosov's role in developing geography and the science of natural history of Russia. A. A. Grigor'ev. Izv. AN SSSR. Ser. geog. no. 1 115-120 Ja-F '62.

NATURAL MONUMENTS see subdivision under Moldavia

NATURAL RESOURCES
(see also subdivision under Buryat-Mongolia; Siberia, Eastern)
Let's preserve carefully, use sensibly, restore and increase our natural resources. N. A. Gladkov. Priroda 51 no. 2:3-10 F '62

NATURAL RESOURCES—CONGRESSES
Fourth All-Union Conference on the Protection of Nature. A. P. Fedorenko. Dop. AN URSR no. 2:271-272 '62.

NATURAL RESOURCES—LAW AND LEGISLATION
An interuniversity conference on legal problems in the maintenance of natural resources. Vest. Mosk. un. Ser. 10:78-80 Ja-Mr '62.
Krasnov, N. I. [Legal status of land reserved for special purposes] Pravovoi rezhime zemel' spetsial'nogo naznachenila. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 214 p.
Theoretical principles of the codification of laws relating to the maintenance of natural resources. N. D. Kazantsev. Vest. Mosk. un. Ser. 10:Pravo 17 no. 1:16-26 Ja-Mr '62.

NATURAL RESOURCES—RESEARCH see subdivision under Ukraine

NATURE STUDY
(see also subdivision under Ukraine)
January. V. Parkhomenko. Nauka i zhyttia 11 no. 1:61 Ja '62.
Nature calendar. A. I. Gizenko and others. Priroda 51 no. 2:126-127 F '62.
Topic "Forest" in the second grade. E. A. Valer'ianova. Nach. shkola 30 no. 3:31-34 Mr '62.
Veretennikova, S. A. [Methods of acquainting children with nature; textbook for preschool normal schools] Metodika oznakomlenila detei s prirodoi; uchebnoe posobie dlia doshkol'nykh pedagogicheskikh uchilishch. Izd 2. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 173 p.
What a nature study lesson should be. A. M. Nizova. Nach. shkola 30 no. 2:42-54 F '62.
"Who? Where? Why?" Reviewed by I. Shishkin. Sem'ia i shkola 17 no. 2:41 F '62
"Your collection" by K. Sadilenko. Reviewed by K. Zhurbitskii. Geog. v shkole 25 no. 2:05-06 Mr-Ap '62.

NAVAL ARCHITECTURE
Approximation method for the evaluation of modernization variants of power-propelled cargo carriers for inland navigation. B. A. Pukhomov. Trudy LIVT no. 5. 35-47 '60.
Selecting basic characteristics for inland harbor maneuvering tugboats in the initial stages of design. P. A. Malyi. Trudy LIVT no. 5 19-30 '60.

NAVAL ART AND SCIENCE—DICTIONARIES
Chaadaev, N. A., V. N. Isaev, and V. A. Monakhov, compa. [Concise French-Russian dictionary of naval terms] Kratkii frantsuzsko-russkii voenno-morskoi slovar' Pod red. A. S. Bondarenko. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 344 p.

NAVAL DISCIPLINE
A word about discipline. L. Vlasov. Starsh.-serzh. no. 10 9 O '61

NAVAL EDUCATION
Electricians are studying in the compartment. M. Khislavskii. Starsh.-serzh. no. 10 18-19 O '61
When you've put out to sea, learn. G. Kharitonov. Starsh.-serzh. no. 9:14 S '61
A word about a new replacement. V. Serbin. Starsh.-serzh. no. 9:23 S '61

NAVAL MUSEUMS
Veterans. A. Gerasimov. Sov. voin. 43 no. 22:8 N '61.

NAVAL ORDNANCE see Ordnance, Naval

NAVAL RECONNAISSANCE
Prostakov, A. I. [Underwater acoustics in the navy] Gidroakustika v voenno-morskom flote. Moskva, Voen. izd-vo M-va oborony SSSR, 1961. 139 p. (Za voenno-tekhnicheskie znaniia)

NAVIES see also subdivision 'Navy' under Aral Sea, Russia

NAVIGATION—CONGRESSES
Twentieth International Congress on Navigation. P. Nikerov, B. Kulygin. Mor. flot 22 no. 3 40-41 Mr '62.

NAVIGATION (AERONAUTICS)
Kondrat'ev, N. IA. [Orientation by stars] Orientirovka po zvezdam. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 94 p. (Nauchno-populiarnaia biblioteka)

NAVIGATION (AERONAUTICS)—EQUIPMENT AND SUPPLIES
Device for tracking the course of an airplane. S. M. Khizhner. Vest. Vozd. Fl. no. 10:83 O '61.

NAVIGATION (AERONAUTICS)—PROBLEMS, EXERCISES, ETC.
Your solution? How does the distance change? Vest. Vozd. Fl. no. 10:57 O '61.

NAZAROV, VIKTOR ALEKSANDROVICH, 1893-1961
Viktor Aleksandrovich Nazarov; obituary. Meteor. i gidrol. no. 2:68-69 F '62.

NEANDERTHAL RACE
Comparative characteristics of the clavicle and tubular bones in Neanderthal and contemporary man. IU. D. Benevolenskaia, E. N. Khisanfova. Vop. antr. no. 6: 129-133 '61

NEAR EAST—ARMED FORCES
Armed forces of the countries of CENTO and SEATO. Mezhdunar. zhizn' 9 no. 1:145-146 Ap '62.

NEAR EAST—HISTORY
Survey of events in the Near and Middle East. A. Stupak. Az. i Afr. seg. no. 2:1-7, 11 F '62.

NEAR EAST—POLITICS
"Contemporary Arab policy" by George E. Kirk. Reviewed by G. Urbanovich. Az. i Afr. seg. no. 2 62-63 F '62.

NEAR EAST—ROAD CONSTRUCTION
The arteries of life. S. Glazko. Mezhdunar. zhizn' 9 no. 3 100-102 Mr '62.

NEARSIGHTEDNESS see Myopia

NEBIT-DAG REGION—PETROLEUM WORKERS
Poetry and oil. M. Dudin. Neva no. 10:139-140 '61.

NEBULAE
Colorimetry of barred galaxies. Report No. 3. A. T. Kalloglian. Dokl. AN Arm. SSR 33 no. 5 205-212 '61.
Letter to the editor. R. E. Gershberg. Astron. zhur. 39 no. 1:169 Ja-F '62.

NECK—INNERVATION
Location of the root and branching zones of occipital nerve trunks and their connection with the form of the occiput. M. S. Aronov. Med. zhur. Uzb. no. 9:48-50 S '61.

NECK—TUMORS
Observation of a tumor of the glomus jugulare. V. P. Fomina. Vest. otorin. no. 2:102-103 '62.

NECROSIS, BACILLARY
Treating necrobacillosis in sheep with antibiotics. R. A. Akhmedzhanov. Veterinariia 39 no. 1:35-36 Ja '62

NECTARIES
Nature of nectaries in a Paeonia flower. N. N. Kartashova. Trudy Bot. inst. Ser. 7 no. 5, 77-85 '62

NEFTYANYYE KAMNI REGION—OIL FIELD FLOODING
Processing field development data and determining the efficiency of flooding as exemplified in the Kala series No. 2 of the Neftyanyye Kamni field. G. P. Guseinov. Azerb. neft. khoz. 40 no. 8 30-31 Ag '61.

NEFTYANYYE KAMNI REGION—RESTAURANTS, LUNCHROOMS, ETC.
One day at Neftyanyye Kamni. E. Kanevskii. Obshchestv. pit. no. 11 18-19 N '61

NEGROES see subdivision under United States

NEMATODA
Morphology of larval stages in Oesophagostomum dentatum parasitic in domestic swine [with summary in English]. L. P. Pokrebniak. Dop. AN URSR no. 1:128-130 '62

NEMATODE DISEASES OF PLANTS
(see also subdivision under Apsheron Peninsula)
Potato stalk nematode (Ditylenchus destructor Thorne) in Azerbaijan, preliminary report. A. A. Aliev. Trudy AzSTAZRa 1,78-80 '60
Potatoes on the Apsheron Peninsula soils infested by root-knot nematodes. S. I. Shipinova, V. S. Treskova. Trudy AzSTAZRa 1:71-77 '60.

NEMILOVA, ALEKSANDRA VASIL'EVNA, 1892-1961
Aleksandra Vasil'evna Nemilova; obituary. M. V. Kulikov. Sov. geol. 4 no. 12:152-153 D '61
In memory of A. V. Nemilova. V. F. Aliavdin and others. Zap. Vses. min. ob-va 90 no. 6, 756-757 '61.

NEMTSOV, ANDREI VASIL'IEVICH, 1894-1956
Master of the miniature. I. Maksimov. Nauka i zhizn' 28 no. 12, 77 D '61

NENETS NATIONAL AREA—EDUCATION
Schools of the North. E. Kuzakova. Nar. obr. no. 3:20-21 Mr '62.

NEODYMIUM CHLORIDE
Interaction of neodymium chloride with molten sodium and potassium chlorides. Z. N. Shevtsova, L. A. Kottser, B. G. Korshunov. Izv. vys. ucheb. zav., tsvet. met. 5 no. 1 121-126 '62

NEOMYCIN
Dehydrogenase, catalase and peroxidase activity of staphylococcal cultures with acquired resistance to antibiotics from the neomycin group [with summary in English]. A. F. Morozova. Antibiotiki 7 no. 2 143-150 F '62.
Quantitative method for determining neomycin in a fluid culture medium [with summary in English]. V. B. Korchagin and others. Antibiotiki 7 no. 2 124-128 F '62

NEOTOCITE see subdivision under Vrana region

NEPHELINE SYENITES
Utilization of nepheline syenites from some Ural and Siberian deposits as a raw material for ceramics. V. A. Moltina, V. I. Magidovich. Trudy NIIStroikeramiki no. 16:60-68 '60.

NERCHINSK REGION—GOLD MINERS
Realistic features of the folk song of the Razgil'deev period. L. E. Eliasov. Kraeved. sbor. no. 6 111-124 '61.

NERVES
Dehydrase activity in
tions in the region o
vertebrates. IA. A.
SSSR 142 no. 2 484-
Electrophysiological a
cells of different leve
genesis. V. S. Shevel
493-495 Ja '62.
Glycoprotein componer
in English]. E. I. Tar
and gist. i embr. 42
Physicochemical mech
lations of the electric
(reactions of the alph
Dokl. AN SSSR 142 r
Recording the action p
magnetic carrier. B
[Ukr.] 8 no. 1:129-1

NERVES—SURGERY
Comparative evaluatio
stump of large nerve
ities. N. K. Akhmedo
'61.

NERVES—TUMORS
Prevention of postoper
Med. zhur. Uzb. no.

NERVES, CARDIAC

Udel'nov, M. G. [Neural regulation of the heart, structural and functional foundations of the inhibition and intensifying effect of the nervous system] Nervnaia reguliatsiia serdtsa, strukturno-funktsional'nye osnovy tormoziashchego i usilivaiushchego vliianiia nervnoi sistemy. [Moskva] Izd-vo Mosk. univ., 1961. 380 p.

NERVES, DENTAL

Structural changes in the infra-alveolar nerve under the action of novocaine with hyaluronidase. L. I. Urbanovich, I. I. Bobrik. Probl. stom. 5:376-382 '60

NERVES, FACIAL—DISEASES

Therapeutic use of acupuncture in facial neuritis and its complications. L. B. Likhterman. Vrach. delo no. 1: 150-151 Ja '62.

NERVES, INTERCOSTAL

Segmental innervation of the periosteum of ribs [with summary in English] N. F. Koval'ska. Dop. AN URSR no. 2:249-252 '62

NERVES, PERIPHERAL

Comparative morphological data on the adaptability of skin receptors to pressure in normal and blind subjects [with summary in English] A. A. Otelin. Arkh. anat. gist. i embr. 41 no. 7 72-84 Jl '61.

NERVES, PERIPHERAL—DEGENERATION AND REGENERATION

Characteristics of secondary degeneration of the afferent conductors of the central and peripheral nervous systems [with summary in English]. A. A. Korchagina. Arkh. anat. gist. i embr. 41 no. 7 65-71 Jl '61.

Reactive changes in the nerve fibers of embryonic birds following neurotomy and the introduction of foreign bodies [with summary in English]. I. A. Zhutaev. Arkh. anat. gist. i embr. 41 no. 7 100-108 Jl '61.

NERVES, PERIPHERAL—DISEASES

Analysis of diagnostic errors in diseases of the lumbosacral part of the peripheral nervous system. O. K. Kogan, N. I. Churekova, P. M. Spivak. Zdrav. Kazakh. 21 no. 6:34-38 '61

NERVES, PERIPHERAL—SURGERY

Degenerated heterotransplant as material for plastic surgery of defects of the peripheral nerves. A. Kh. Makhmudov. Med. zhur. Uzb. no. 6:36-38 Je '60.

NERVES, SPINAL—DISEASES

Clinical X-ray diagnosis of secondary lumbar radicular syndromes. M. V. TSyvkin. Vest. rent. i rad. 36 no. 6 62-64 N-D '61

NERVES, SPINAL—INFLAMMATION

Treatment of lumbosacral radiculitis with antineuritic cytotoxic serum. A. M. Briskman, IA. I. Meshulkin. Vrach. delo no. 1:149-150 Ja '62.

NERVES, SPINAL—SURGERY

Characteristics of secondary degeneration of the afferent conductors of the central and peripheral nervous systems [with summary in English]. A. A. Korchagina. Arkh. anat. gist. i embr. 41 no. 7 65-71 Jl '61.

Regeneration of muscle by the method of transplanting granulated muscle tissue after sensory denervation [with summary in English]. R. P. Zhenevskaia. Arkh. anat. gist. embr. 40 no. 6:46-53 Je '61.

NERVOUS SYSTEM

Akademiia nauk SSSR. Institut biokhimii. [Biochemistry of the nervous system] Biokhimiia nervnoi sistemy. Kiev, Izd-vo Akad. nauk USSR, 1954. 270 p.

Change in the higher nervous activity in rabbits under conditions of growth and malignant degeneration of a virus papilloma [with summary in English]. A. E. Nadareishbili. Zhur. vys. nerv. deiat. 11 no. 4:742-745 Jl-Ag '61.

Changes in higher nervous activity in children with diphtheria at various phases of the infectious process. E. Kh. Ganiushina. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. 8:72-79 '61.

Changes in the carbohydrate and energy metabolism of the central nervous system resulting from X irradiation and gamma irradiation by Co^{60}. L. S. Cherkasova. Radiobiologiia 1 no. 6:918-925 '61.

Changes in the nervous system in the cerebral form of vibration sickness. V. V. Andrianov. Uch. zap. Mosk. nauch.-issl. inst. san. i gig. no. 7:52-58 '60.

Comparison of the results of individual studies in the evaluation of the basic properties of the higher nervous activity in mice [with summary in English]. V. K. Fedorov. Zhur. vys. nerv. deiat. 11 no. 4:745-752 Jl-Ag '61.

Data on the characteristics of the functional condition of the higher segments of the central nervous system in persons exposed to a prolonged contact with ionizing radiations [with summary in English]. V. M. Zvorykin. Zhur. vys. nerv. deiat. 11 no. 4:609-614 Jl-Ag '61.

Disorders of higher nervous activity in children with epilepsy. L. I. Beliakova. Trudy Inst. nerv. deiat. Ser. patofiziol. 8:103-108 '61.

Dissociation of the activity of the signal systems in children suffering from psychopathy. T. B. Delova. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. 8:91-95 '61

Dynamics of the accumulation of antibodies in animals with varying types of nervous systems under conditions of simultaneous vaccination with several antigens. I. D. Aminatova. Zhur. mikrobiol., epid. i immun. 32 no. 9 139-140 S '61

Effect of various therapeutic doses of glutamic acid on the higher nervous activity of children suffering from neuropsychic diseases. A. M. Sumskaia. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. 8:127-133 '61.

Effect of work lessons in the boarding school on the higher nervous activity of the students. K. S. Politova. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. 8:50-57 '61.

Electron microscopy of the interneuron synapses. S. P. Semenov. Arkh. anat. gist. i embr. 42 no. 2:112-121 F '62.

Experimental studies on the higher sections of the brain in a sick child and in one convalescent from angina as applied to problems in the hygiene of the nervous system. E. Kh. Ganiushina. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. 8:65-71 '61.

Further study of the interaction of the signal systems in children in various types of higher nervous activity. Z. N. Briks. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. 8:28-35 '61.

Further study of the interaction of the signal systems in school children. B. M. Kurbatov. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. 8:10-19 '61.

Histochemical data on changes in the level of glycogen in the central nervous system of guinea pigs after electric shock [with summary in French] T. Genchev. Zhur. nevr. i psikh. 61 no. 11 1675-1683 '61

Influence of ionizing radiations on the nervous system. L. S. Glazunov. Zhur. nevr. i psikh. 61 no. 6:914-916 '61.

Influence of single doses of ultraviolet radiation on the higher nervous activity of animals [with summary in English]. E. F. Al'bitskaia, A. A. Krivova. Zhur. vys. nerv. deiat. 11 no. 4:758-762 Jl-Ag '61.

Intensity of phospholipid metabolism in the central nervous system of rats during acute radiation sickness. S. V. Gasteva, D. A. Chetverikov. Dokl. AN SSSR 142 no. 5:1180-1183 F '62.

Lability of the monosynaptic reflex arc [with summary in English]. S. D. Kovtun. Fiziol. zhur. [Ukr.] 8 no. 1: 62-70 Ja-F '62.

Manakov, I. F. [Physiology of higher nervous activity in farm animals] Fiziologiia vysshei nervnoi deiatel'nosti sel'skokhoziaistvennykh zhivotnykh. Khar'kov, Izd-vo Khar'kovskogo Gos. univ. im. A. M. Gor'kogo, 1961. 201 p.

Mechanisms of cellular and central regulation of energy metabolism. V. S. Il'in, S. A. Neifakh. Vest. AMN SSSR 16 no. 11:47-55 '61.

New data on higher nervous activity in man. L. B. Gakkel'. Vest. AMN SSSR 16 no. 11:55-58 '61.

Nineteenth conference on problems of higher nervous activity. B. V. Pavlov. Zhur. vys. nerv. deiat. 11 no. 4:766-768 Jl-Ag '61.

Results of the conference on the problem "Structure and function of the nervous system." T. S. Naumova, I. A. Stankevich. Zhur. nevr. i psikh. 61 no. 11:1737-1740 '61

Some characteristics of neurodynamics in obsessive neurosis in children. L. I. Golovan'. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. 8:96-102 '61.

Some characteristics of the neurodynamics of children suffering from epilepsy in the form of petit mal attacks, and the effect of epimide on them. T. P. Fufygina. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. 8:117-126 '61.

Some characteristics of the formation of conditioned reactions to immediate and verbal complex stimuli in school children at the end of a school day. L. S. Bogachenko. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. 8: 36-49 '61.

Some conditions for detecting dynamic transmission in children. B. M. Kurbatov. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. 8:5-9 '61.

Some results of and prospects for the evolutionary-physiological study of the pathology of the higher nervous activity in man [with summary in English]. N. N. Traugott. Zhur. vys. nerv. deiat. 11 no. 4:577-585 Jl-Ag '61.

Some results of studying typological properties of the higher nervous activity in animals. Vikt. K. Fedorov. Dokl. AN SSSR 142 no. 6:1432-1435 F '62.

Studies of the higher nervous activity in children suffering from epilepsy with a relatively short course of the disease. V. M. Bashina. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. 8:109-116 '61.

Study of some immune reactions in children in various types of higher nervous activity. Z. N. Briks. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. 8:58-64 '61.

Study of the higher nervous activity in man under conditions of a prolonged stay in a rarified atmosphere [with summary in English]. G. V. Altukhov, N. A. Agadzhanian. Zhur. vys. nerv. deiat. no. 4:586-592 Jl-Ag '61.

Vascularization and innervation of Filatov's grafts. N. V. Fetisov. Probl. stom. 5:308-314 '60

NERVOUS SYSTEM—DEGENERATION AND REGENERATION

Characteristics of secondary degeneration of the afferent conductors of the central and peripheral nervous systems [with summary in English]. A. A. Korchagina. Arkh. anat. gist. i embr. 41 no. 7 65-71 Jl '61.

Course of neurodystrophic processes as dependent on the reactivity of the organism. I. D. Bromberg, M. G. Shenberg. Probl. stom. 5:5-14 '60

Panchenko, D. I., ed. [Problems in the regeneration of nerve trunks] Voprosy vosstanovleniia nervnykh stvolov. Kiev, Gos. med. izd-vo USSR, 1961. 248 p. (DNLM)

Some characteristics of the regeneration of a nerve trunk in a blotion ward following acute radiation sickness [with summary in English]. D. I. Promiv. Vrach. delo no. 1 76-85 Ja '62.

NERVOUS SYSTEM—DISEASES

Changes in the nervous system in acute leukosis [with summary in French]. V. V. Semenova-Tian-Shanskaia. Zhur. nevr. i psikh. 61 no. 11 1668-1674 '61

Clinical aspects and treatment of nervous system disorders in systemic lupus erythematosus [with summary in English]. O. A. Khondkarian, I. M. Popova, V. F. Barbrovskaia. Sov. med. 25 no. 12:91-94 D '61

Hemolytic jaundice in newborns and its complications affecting the nervous system. IA. IA. Gordon. Med. zhur. Uzb. no. 12 49-53 D '61

Neuropsychic changes in toxoplasmosis. N. F. Shilo. Zdrav. Bel. 7 no. 8:40-44 Ag '61.

"On the pathology of the nervous system in hypertension" by B. N. Man'kovskii, V. M. Slonimskaia, Z. N. Druchova. Reviewed by E. Shmidt. Zhur. nevr. i psikh. 61 no. 6. 947-950 '61.

Oxygen therapy for diseases of the peripheral nervous system. G. L. Kostovetskii. Voen.-med. zhur. no. 8:85 Ag '61

Research in the field of neuropathology during 1961-1962. G. A. Maksudov, D. K. Lunev. Zhur. nevr. i psikh. 61 no. 6:787-804 '61.

NERVOUS SYSTEM—WOUNDS AND INJURIES

Principles of the organization of specialized care for subjects with wounds of a neurosurgical nature. B. A. Samotokin. Voen.-med. zhur. no. 8:22-25 Ag '61.

NERVOUS SYSTEM, AUTONOMIC

Characteristic division of the nerve cells of some vegetative ganglia in cats [with summary in English]. G. A. Kobiov. Arkh. anat. gist. i embr. 42 no. 2 83 94 F '62

Dynamics of the tonus and reactivity of the vegetative nervous system in schizophrenia during aminazine and serpasil treatment. R. F. Kokanbaeva. Med. zhur. Uzb. no. 3 50-54 Mr '60.

Extracentral reflex connections of the organs of the abdominal and pelvic cavities (the problem of afferent functions of the vegetative nervous system) [with summary in English]. E. P. Mel'man. Arkh. anat. gist. embr. 40 no. 6:3-22 Je '61.

NERVOUS SYSTEM, SYMPATHETIC

Comparative physiological characteristics of the effect of the sympathetic nervous system on the electrical activity of the brain. T. N. Sollertinskaia. Fiziol. zhur. 48 no. 2:179-187 F '62.

Effect of the cervical sympathetic nerve and adrenaline on the functioning of the nonspecific thalamocortical structures. M. G. Belekhova. Fiziol. zhur. 48 no. 2: 134-144 F '62.

Intracellular electric potentials of sympathetic ganglion neurons [with summary in English]. V. I. Skok. Fiziol. zhur. [Ukr.] 8 no. 1:86-92 Ja-F '62.

Sympathoganglionic symptom in chronic tonsillitis. I. D. Mishenin. Zdrav. Bel. 7 no. 6:24-28 Je '61

NERVOUS SYSTEM, SYMPATHETIC—SURGERY

Biochemical changes in the solid dental tissues and maxillary bones following extirpation of the upper cervical sympathetic ganglion in dogs. N. A. Kodola, E. V. Udovitskaia. Probl. stom. 5:127-133 '60.

Morphological changes in the periodontium following extirpation of the upper cervical sympathetic ganglion. E. V. Udovitskaia, N. A. Kodola. Probl. stom. 6:22-27 '60.

NESTEROV, LEONID IAKOVLEVICH, 1903-1959

Scientific activity of Leonid IAkovlevich Nesterov. Zap. LGI 39 no. 2:3-6 '61.

NETHERLANDS—ECONOMIC CONDITIONS

Agrarian relations in northern Holland according to data in inventories for 1494 and 1514 [with summary in English]. A. N. Chistozvonov. Sred. veka no. 19:106-141 '61.

NETHERLANDS—FOREIGN RELATIONS

"Dutch foreign policy since 1815; a study in small power politics" [in English] by A. Vandenbosch. Reviewed by M. Glen. Vop. ist. no. 2:171-175 F '62.

NETHERLANDS—FOREIGN RELATIONS—AUSTRALIA

Australia and Western Irian. Rupert Lockwood. Nov vrem 20 no. 10 18-19 Mr '62

NETHERLANDS—HISTORY—SOURCES

Sources of the history of Netherlands, Flanders, and Holland in the Leningrad Branch of the Institute of History of the U S S R Academy of Sciences V S Lublinskii Sred veka no 19.285-291 '61

NETHERLANDS—LAND TENURE

Agrarian relations in northern Holland according to data in inventories for 1494 and 1514 [with summary in English] A N Chistozvonov Sred veka no 19:108-141 '61.

NETWORKS, ELECTRIC see Electric networks

NEURALGIA, FACIAL

Unusual observation of Hunt's neuralgia (neuralgia of the geniculate ganglion) associated with neuralgia of the glossopharyngeal nerve I. A. Travenets Vest otorin no 2 97-99 '62.

NEURALGIA, TRIGEMINAL

Treatment of trigeminal neuralgia. A. G. Fetisov. Probl. stom. 5:245-247 '60.

NEURITIS

Acute neuritis during novembichine therapy of a child suffering from a hearing disorder N V Velikorussova, I N. Artemkina. Vest otorin no. 2 95-96 '62

Fmbichine therapy in neuritis of the acoustic nerve [with summary in English]. N. P Kniga, S M Svirnovskaia Vest otorin no 2 78-81 '62

Treatment of acoustic neuritis with novembichine [with summary in English] IA. G. Volynkin, R I. Stepanova. Vest. otorin no 2 81-83 '62

NEUROLOGICAL RESEARCH see subdivision under Australia

NEUROLOGY

(see also subdivision under France)

Development of some trends concerning higher nervous activity in the I. P. Pavlov Physiology Department of the Institute of Experimental Medicine of the Academy of Medical Sciences of the U.S.S.R. P.S.Kupalov. Vest. AMN SSSR 16 no.11:12-17 '61.

NEUROLOGY—CONGRESSES

Fifth International Congress on Electroencephalography and Clinical Neurophysiology. N. P. Bekhtereva Fiziol zhur. 48 no. 2:227-232 F '62.

NEUROLOGY—STUDY AND TEACHING

Training of neuropathologists in institutes for the advanced training of physicians. I. I. Rusetskii, A N. Smirnov. Zhur. nevr i psikh. 61 no 6 805-806 '61

NEUROPSYCHIATRIC SOCIETIES

Brief news. Zhur. nevr. i psikh. 61 no. 11:1751-1755 '61

NEUROPSYCHIATRY

Letters to the editor. A. Rusinov, L F Polevodova. Zhur. nevr i psikh. 61 no 11:1756-1757 '61

NEURO-PSYCHOPHARMACOLOGY

Our work in neuropharmacology. S.V.Anichkov. Vest. AMN SSSR 16 no.11:68-74 '61.

NEUROSES

Discussion. A. A Perel'man and others. Probl. sud. psikh. 9:230-235 '61

Neuroses and psychopathies. A. A. Portnov, D. D. Fedotov. Probl sud. psikh. 9:174-183 '61.

"Neurotic symptoms" of the upper respiratory tract. G. A. Feigin, V. B. Broide. Med zhur. Uzb. no. 12, 69-72 D '61.

Treatment of one of the forms of the hypochondriac syndrome of neurotic origin. V. IA. Deglin. Vop. psikh. no. 4:236-240 '60.

NEUTRALITY

The U.S.A. and the neutral countries of the East. D. Petrmakov. Az. i Afr. seg. no. 2:16-18 F '62.

NEUTRON DIFFRACTION CRYSTALLOGRAPHY

Neutron diffraction study of magnetic materials. G. S. Zhdanov, R. P. Ozerov. Usp. fiz. nauk 76 no. 2: 239-282 F '62.

NEUTRONS

Allowing for pn-interaction in the pair correlation model [with summary in English]. B. L. Birbrair. Zhur. eksp. i teor. fiz. 42 no. 2:479-484 F '62.

Collective levels and deformations of nuclei with the number of neutrons amounting to N = 82 — 90. V. I. Popov. Izv. AN SSSR. Ser. fiz. 26 no. 1:153-160 Ja '62

Electroconductivity of magnesium and zinc titanates induced by neutron irradiation. L. K. Vodop'ianov. Fiz. tver. tela 4 no. 1:174-176 Ja '62.

Observation of a reaction involving the pickup of three neutrons and another involving the stripping of three protons in the interaction of N^{14} and Ne^{20} ions and C, Al, Cu, and Ta nuclei. V. V. Volkov and others. Zhur. eksp. i teor. fiz. 42 no. 2:635-637 F '62.

NEUTRONS—DIFFRACTION

Measurement of the integral intensities of diffraction reflections IU Z Nozik, I I IAmin, Kristallografiia 7 no 1 123-124 Ja-F '62

Small-size neutron diffractometer I I IAmin, V I Startsyn, IU Z Nozik Kristallografiia 7 no 1 172-176 Ja-F '62

NEUTRONS—PHYSIOLOGICAL EFFECT

Effect of neutron radiation on the spleen of white rats A. F. Ivanitskaia, V. I Bolkova Radiobiologiia 1 no 6 913-918 '61.

NEUTRONS—SCATTERING

Angular distributions of fast neutrons scattered by light nuclei. A. G. Guseinov, M. A. Nikolaev Atom energ 12 no. 3 213-216 Mr '62

Gamma rays in connection with inelastic scattering of 2.95 Mev neutrons from Al^{27} I. Graudina and others Izv AN Latv SSR no 1 51-52 '61

Gamma rays produced in inelastic scattering of 2.95 Mev neutrons on Ta^{181} nuclei [with summary in English] L. IA. Graudyn'a and others Zhur eksp i teor fiz 42 no 2:349-352 F '62

Magnetic scattering of slow neutrons in dilute alloys of a transition metal with a base metal IU A Izumov Fiz. tver. tela 4 no. 1 225-230 Ja '62

NEV'YANSK—TOWERS

Fedorov, V. G. [Steeple of the Nev'yansk Tower; a historical study] Tainy Nev'ianskoi bashni, istoricheskii ocherk [Sverdlovsk] Sverdlovskoe knizhnoe izd-vo, 1961 44 p.

NEW GUINEA, DUTCH—DESCRIPTION AND TRAVEL

Western Irian. IU. Shtykanov Vokrug sveta no. 1 23-24 Ap '61

NEW GUINEA, DUTCH—POLITICS AND GOVERNMENT

Australia and Western Irian Rupert Lockwood Nov vrem 20 no 10 18-19 Mr '62

"Irian Barat - Merdeka!" O. Shalin Ogonek 10 no. 7 30-31 F '62.

NEW STATES see States, New

NEW YEAR

(see also subdivision under Mongolia)

New year in different lands M Dmytrenko Nauka i zhyttia 11 no. 12 58-59 D '61

NEW YORK (CITY)—EXHIBITIONS

New York Fair of 1964. M V Nesterov Nov vrem 20 no 12 18-19 Mr '62

NEW YORK (CITY)—FOREIGN POPULATION

"Organized labor and Immigrants in New York in 1900-1918" [in English] by M. Dubowsky Reviewed by S. M. Askol'dova. Vop ist no 2 194-196 F '62

NEWFOUNDLAND—ROSEFISH

Some materials on the characteristics of the rosefish stock (Newfoundland region) V A Rikhter. Trudy BaltNIRO no 7 154-155 '61

NEWS PHOTOGRAPHERS

News photography must reflect high ideological principles Sov. foto 22 no 3 1-2 Mr '62

NEWS PHOTOGRAPHERS, RUSSIAN

Operativeness and mastery, creative spirit of Fainer's Latypova, news photographer of "Izvestiia" G. Volchek Sov. foto 22 no 3 7-10 Mr '62

NEWTS

Electron microscope study of the structure of the smooth muscle tissue of the intestinal wall in Triton [with summary in English]. I. B. Pavlova, N. M. Shestopalova, V. N. Reingol'd. Arkh anat. gist embr 40 no 6:64-70 Je '61

NEZHIN—MILKING MACHINES

The "spruce" of Nezhin Mykola Romanika. Ukraina no. 5:17 Mr '62

NIACIN see Nicotinic acid

NICKEL

(see also subdivision under Krasnoyarsk Territory)

Change in the coercive force of hardened nickel during annealing. I. IA. Dekhtiar, E G Madatova. Izv. AN SSSR. Ser. fiz. 26 no. 2 270-273 F '62.

Cobalt and nickel occurrences in igneous rocks and in the earth's crust [with summary in English]. V A. Unksov, N. V. Lodochnikova. Geokhimiia no 9:732-741 '61

Method for determining the atomic structure of precipitations of chemically reduced nickel V. P. Moiseev Izv. AN SSSR, Ser. fiz 26 no. 3:378-383 Mr '62

Phase transformations in thin layers of Ni - Se G A Efendiev, I. V. Ivanova Dokl AN SSSR 143 no 1 95-96 Mr '62

X-ray diffraction and thermographic study of precipitations of chemically reduced nickel V. P Moiseev Izv. AN SSSR, Ser fiz. 26 no 3, 384-387 Mr '62.

NICKEL—ANALYSIS

Determination of nickel and molybdenum present together G. P. Protsenko, P. N Kovalenko. Zav lab 28 no. 1 23-25 '62.

Use of amperometric titration in determining cadmium and nickel in an active mass of an alkaline storage cell F G. Novakovskii Zav lab. 28 no 1 28-29 '62

NICKEL—HEAT TREATMENT

Investigating the darkening of nickel strips during annealing I. S Shpichinetskii and others Trudy Giprotsvetmetobrabotka no 20 125-135 '61

NICKEL—METALLOGRAPHY

Phase composition of skeleton nickel catalysts D I Ermer, N M Ligan Trudy Giprotsvetmetobrabotka no 20 104-116 '61

NICKEL—TESTING

Mechanical properties of high-purity nickel V. M. Avrutina, B. M. Vinogradskii, B. I Shapoval. Izv. AN SSSR. Otd. tekh. nauk Met. i topl no. 1 160-162 Ja-F '62.

NICKEL ALLOYS

Separating the phase components out of alloys on a nickel base and modern methods of their chemical analysis. IU. A. Klachko, M M Shapiro, I. F. IAkovleva Biul. Inst. metallurgii i spets splav. AN URSR no 6 80-87 '61

Study of the metallic compounds formed during the interaction of multicomponent nickel solutions with titanium carbide. R B Golubtsova, L A Mashkovich Biul. Inst. metallurgii i spets splav AN URSR no 6:109-113 '61.

NICKEL ALLOYS—ELECTRIC PROPERTIES

Nickel alloys with high electrical resistance properties for the cathode base of directly heated radio tubes I. L. Rogelberg and others Trudy Giprotsvetmetobrabotka no 20 117-124 '61

NICKEL-ALUMINUM ALLOYS

Investigating the conditions for the isolation of the Ni_3Al metallic compound formed in multicomponent nickel alloy R B Golubtsova, I A Nude Dokl AN SSSR 142 no 4 824-827 F '62

NICKEL AMMONIUM SULFATE CRYSTALS—SPECTRA

Light absorption spectra of nickel ammonium sulfate monocrystals at temperatures from 290° to 1.7°K S V Grum-Grzhimailo and others Kristallografiia 7 no 1 84-88 Ja-F '62

NICKEL-BERYLLIUM ALLOYS—METALLURGY

Orientation of phases separating during aging of the alloys nickel-beryllium and copper-beryllium IU A Bagariatskii, N. I Fiavina Kristallografiia 7 no 1 128-134 Ja-F '62

NICKEL CATALYSTS

Determining the microstructure and microhardness of alloys as a method of controlling the quality of skeletal nickel catalysts A. I Kirilgova. Izv. vys. ucheb. zav., tsvet. met. 5 no. 1 109-111 '62

NICKEL-CHROMIUM-NIOBIUM ALLOYS—METALLOGRAPHY

Investigating structural transformations in nickel-chromium-niobium alloys. B. G. Livshits, V. B. Osvenskii. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 1 139-146 Ja-F '62

NICKEL COMPOUNDS

Dimer complexes in paramagnetic nickel compounds Structure of Ni_2Cl_2 and Ni_2Br_2 crystals A S Antsyshkina, M. A Poraĭ-Koshits. Dokl AN SSSR 143 no 1 105-108 Mr '62

NICKEL-IRON ALLOYS see Iron-nickel alloys

NICKEL ORES

Nomogram for converting the chemical analyses of air-dry samples for calcined substance, naturally wet ore, and the analyses of coal for fuel and ashes, B A. Tiurin. Sbor nauch trud KazGMI no 18 174-176 '59

NICKEL OXIDE

Effect of the alkali cation on the diffusion of protons in nickel oxide G. IA. Sinitsin, P. D Lukovtsev. Dokl. AN SSSR 142 no. 5:1130-1133 F '62

NICKEL PLATING

Study of admixtures of iron and nitrous acid in nickel galvanizing baths. I. R. Klitchko, I. S. Shchipkova, V. V Pavlova Nauch trudy MPI no 12:49-55 '60.

NICKEL SULFIDES

Activity of iron in Fe - Ni - S melts. S. E. Vlasburd, B. F. Verner, V. L Kheifets Izv. vys. ucheb zav., tsvet. met 5 no 1 59-67 '62.

NICKEL-TUNGSTEN-TITANIUM ALLOYS see Tungsten-titanium-nickel alloys

NICOTINE

Effect of darkness on the amount of nicotine alkaloids in tobacco roots and leaves. E S Avundzhian Dokl AN Arm SSR 33 no 5 223-226 '61.

NICOTINIC ACID

Production of nicotinic and isonicotinic acids and their amides by the hydrolysis of nitriles. I A Arkhipova, S R Rafikov, B V Suvorov Zhur prikl khim 35 no 2:389-393 F '62.

Use of the niacin test for the differential diagnosis of various mycobacteria. E. Polenská and others Probl. tub no 2:93-96 '62

NICOTINIC ACID—PHYSIOLOGICAL EFFECT

Effect of nicotinic acid on the skin temperature of patients with various states of schizophrenia [with summary in French] D. Kassai, V Máté Zhur nevr i psikh 61 no 11 1688-1698 '61

NIKOLAEV, VIKTOR ARSEN'EVICH, 1893-1960

Viktor Arsen'evich Nikolaev, obituary V M Kreiter and others Min sbor. no. 14, 471-474 '60

NIKOLAI, Metropolitan of Krutitsy and Kolomna, 1892-1961

In pious memory of Metropolitan Nikolai A Vedernikov. Zhur. Mosk Patr. no 1 14-22 Ja '62

NIKOLO-LENIVETS—CITIES AND TOWNS, RUINED, EXTINCT, ETC.

Archaeological excavation of an ancient site near the village of Nikolo-Lenivets in 1954-1958 T. N Nikol'skaia. Sov arkheol 6 no 1 221-240 '62

NIKOLOGORY—AMATEUR THEATRICALS

You should not mark time V. Makovskaia Kul't.-pros rab 23 no 2 27 F '62

NIKOL'SKIY COUNTY (VOLOGDA GOVERNMENT)—REVOLUTION, 1917-1921

For the Soviet regime! M Shilovskii. Volog. krai no. 1:49-73 '59

NIKOPOL' DISTRICT—ARGILLITE

Two generations of "hydroargillites" in the weathering surface of chlorite shales in the Ukraine [with summary in English on p 494] E G Kutkovskii Min sbor no. 14:338-341 '60.

NIKOPOL' REGION—CLAY—ANALYSIS

Using clay minerals to characterize the clays of cover rocks in the northwestern Nikopol' manganese deposit G F Kotsar'. Sbor trud Inst. gor dela AN URSR no. 8, 32-48 '61

NIKOPOL' REGION—MANGANESE MINES AND MINING

Gur'ba, N. F., and others. [Progressive operating practices in mining enterprises] Peredovoi opyt raboty na gornorudnykh predpriiatiiakh. Moskva, Gos. nauchno-tekhn izd-vo lit-ry po gornomu delu, 1961. 178 p

NIKOPOL' REGION—MANGANESE MINES AND MINING—EQUIPMENT AND SUPPLIES

Using new types of equipment to develop strip mines for exploitation I. I Ostroukhov, V V Demchenko Gor zhur no. 11 22-25 N '61

NIKOPOL' REGION—MINE TIMBERING

Using precast reinforced-concrete supports in the "Grushevskii" Mine of the Nikopol' Manganese Trust I. S. Zil'berov, I. S. Zitser, I. I. Ostroukhov Gor. zhur. no. 10:48-50 O '61

NIKOPOL' REGION—STOPING (MINING)

New variant in stoping in manganese mines. G. I. Fedorets. Gor zhur. no 7:34-35 Jl '61.

NILE VALLEY—ECONOMIC GEOGRAPHY

Dmitrevskii, Iu. D. [The Nile] Nil. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv RSFSR, 1961. 75 p. (Biblioteka shkol'nika)

NIOBIUM

Determination of titanium, tantalum, and niobium in carbide compositions. V. G. Shcherbakov, Z. K Stegendo Biul. Inst. metaloker. i spets. splav. AN URSR no. 8:88-92 '61.

Investigating the sintering process of electrolytic niobium powder. V M. Amosov TSvet. met 35 no 2:60-65 F '62.

NIOBIUM—ANALYSIS

Use of thioacetamide for the determination of impurities in metallic niobium [with summary in English]. P. IA IAkovlev and others. Zhur. anal. khim 17 no. 1 90-93 Ja-F '62.

NIOBIUM—METALLURGY

Reduction of niobium concentrates by carbon. N. P. Likishev, V. A. Bogoliubov. Izv. vys. ucheb zav. ;chern. met. S no. 1:70-77 '62.

NIOBIUM—SPECTRA

Determination of niobium by differential spectrophotometry [with summary in English]. I. P. Alimarin, I M. Gibalo, TSin' Gusn-zhun. Zhur. anal. khim 17 no. 1: 60-64 Ja-F '62.

Interpretation of the $L\beta_2$ emission band in niobium. M.I. Korsunskii, IA. G Genkin Dokl. AN SSSR 142 no. 6: 1276-1277 F '62.

NIOBIUM—WELDING

Argon-arc and electron beam welding of tantalum and niobium Svar proizv no. 2:8-12 F '62

NIOBIUM-NICKEL-CHROMIUM ALLOYS see Nickel-chromium-niobium alloys

NIOBIUM OXIDE

Semiconductor properties of vanadium and niobium pentoxides in solid and liquid states A. I. Munakov, O. A. Esin, B M Lepinskikh Dokl AN SSSR 142 no. 5: 1124-1127 F '62.

NIOBIUM PLATING

Electrodeposition and the effect of oxygen in the electrolytic deposition of niobium from potassium fluoniobate L. P Ivanovskii, M T Krasil'nikov Trudy Inst elektrokhim UFAN SSSR no. 1:48-54 '60

NISSKII, GEORGII GRIGOR'EVICH, 1903-

Khalaminskii, IUrii. Georgii Grigor'evich Nisskii. Moskva, Izd-vo Akad. khudozh. SSSR, 1961. 88 p.

Nisskii, G. G. [Selected works] Izbrannye proizvedeniia. [Moskva, Sovetskii khudozhnik, 1961] 10 p. plates.

NITRANOL

Comparative evaluation of the curative action of domestic drugs in stenocardia. F. IA. Rozenblat, S. S. Barats, N I. Shcherba. Knz. med. zhur. no. 4, 87-89 Jl-Ag '61

Comparative therapeutic activity and effect of nitranol and nitroglycerin on the cardiovascular system in stenocardia E. I. Zharov Terap arkh. no. 7:54-57 '61.

Therapeutic value of the new preparation nitranol. V. IU. Ioffe, A. N. Gnanian Med zhur Uzb no 6:40-42 Je '60

NITRATION

Chemistry of 1, 4-dihydroanthraquinone. Part 1: Nitration of 1, 4-dihydroanthraquinone. V. I. Gudzenko Zhur ob khim 32 no 2:618-621 F '62

Effect of the composition of shale phenols on the process of nitration and pesticidal properties of nitro products A. I. Kulikov and others Khim i tekh gor. slun. i prod ikh perer. no 8, 167-174 '60

2, 1, 3-Thio- and selenodiazoles Part 13: Nitration of 4- and 5-aminobenz-2, 1, 3-thiodiazoles. V G. Pesin, A. M Khaletskii, V A. Sergeev. Zhur. ob. khim. 32 no. 1 181-186 Ja '62

NITRIC ACID

Potentiometric method of analyzing mixtures of organic and nitric acids in nonaqueous media A P Krenkov and others Zav lab. 28 no. 1 11-13 '62

NITRIDES

Chemical properties and analysis of some nitrides. O. I. Popova, G. P. Kabannik. Biul Inst metaloker i spets. splav. AN URSR no 6:64-69 '61.

Phase analysis of nitrides in steel and alloys. IU. A. Kliachko, M. M. Shapiro, E. F. IAkovleva Biul Inst metaloker. i spets. splav. AN URSR no 6:59-63 '61.

NITRILES

Production of nicotinic and isonicotinic acids and their amides by the hydrolysis of nitriles I. A. Arkhipova, S. R. Rafikov, B. V Suvorov Zhur prikl. khim 35 no. 2:389-393 F '62.

Synthesis of organosilicon monomers with nitrile groups. A. D. Petrov and others Zhur. prikl. khim 35 no. 2: 385-389 F '62.

NITRILOTRIETHANOL

Change in the hemodynamic indices in nitranol treatment of stenocardia. R. N. Lushchitskaia Zdrav. Bel 7 no 8, 11-13 Ag '61.

NITRO COMPOUNDS

Compounds with two separate electrodonating systems. Part 3: Color phenomena in nitrocyl derivatives of α-amino-4, 4-bis(dimethylamino)- and -amino-4-dimethylaminodiphenylmethane. E. A. Smirnov. Zhur. ob khim. 32 no 2:581-587 F '62.

NITRO COMPOUNDS—SPECTRA

Destructive effect of light on aliphatic nitro compounds V I. Slovetskii and others. Izv. AN SSSR. Otd. khim nauk no. 2 359-360 F '62.

NITROBENZENE

Polymorphism of trinitrobenzene. G B. Ravich, O. F Bogush Dokl. AN SSSR 142 no 4 831-834 F '62

NITROFORM

Synthesis of organomercuric nitro compounds. Report No. 5: Addition of mercuric salt of trinitromethane to unsaturated alcohols. S. S. Novikov and others Izv AN SSSR. Otd. khim. nauk no. 2 272-276 F '62.

Synthesis of organomercuric nitro compounds. Report No. 6 Mechanism of the direct addition of mercury salt of trinitromethane to the double bond. S. S. Novikov and others Izv. AN SSSR Otd khim. nauk no. 2 276-281 F '62

NITROGEN

Change in the vibrational frequencies of nitrogen-containing compounds associated with a change in the orbital hybridization of nitrogen in donor-acceptor interaction. V. N. Filimonov, D. S. Bystrov. Opt. i spektr. 12 no. 1:66-72 Ja '62.

Effect of soil temperatures on the uptake of mineral substances and nitrogen by individual crops Z. V. Ignatieva, Z. A. Bystrova Trudy Kar fil AN SSSR no 9:16-21 '61.

Using the method of A. Krogh and A. Keys for determining organic nitrogen in underground waters M. IA. Dashevs Vop gidrogeol. i inzh geol no 10 169-171 '61

NITROGEN—ANALYSIS

Improving the formaldehyde method for determining total nitrogen I M Bu.nik Vopr med. zhur no 8, 50-52 Ag '61

NITROGEN—FIXATION

Nitrogen and temperature. O. Stechenskyi Znan. ta pratsia no. 2:10-11 F '62

NITROGEN COMPOUNDS

Nitrogen compounds of petroleum. Report No. 1 Isolation of neutral nitrogen compounds N N Bezinger, M A Abdurakhmanov, G D Gal'peri Neftekhimiia 1 no 1 23-28 Ja-F '61.

Nitrogen compounds of petroleum Report No 2 Separation of nitrogenous bases of petroleum from organic sulfides N N Bezinger, M A Abdurakhmanov, G D Gal'peri Neftekhimiia 1 no 2 149-155 Mr Ap '61

Nitrogen compounds of petroleum. Part 3: Neutral nitrogen compounds of Sakhalin oil of the Ekhabi field N. N. Bezinger, M. A Abdurakhmanov, G. D. Gal'peri Neftekhimiia 1 no. 5:583-589 S-O '61

Nitrogen compounds of petroleum. Part 4: Group separation of concentrates of nitrogen bases N N Bezinger, M A. Abdurakhmanov, G D Gal'peri Neftekhimiia 1 no. 5, 589-598 S-O '61

NITROGEN-FIXING MICRO ORGANISMS see Micro organisms, Nitrogen-fixing

NITROGEN METABOLISM

Dynamics of the sugar content of sugar beet roots in connection with the metabolism of carbohydrates and nitrogen substances in checkrow cultivation N IA. Igolkina Vest sel'khoz nauki [Kazakh] 4 no 12 45 50 D '61

Effect of irradiation on nitrogen metabolism and reactivity to the conditions of nutrition [in Azerbaijani with summary in Russian]. N. B. Vezirova. Dokl AN Azerb SSR 17 no. 12:1179-1182 '61

Effect of some medicinal substances on the indices of nitrogen metabolism in epilepsy. N. S. Ivanova, A I Krasnova. Vop. psikh no 4:117-121 '60

Transformation of nitrogenous substances during the ripening of perennial wheat grains S. M. Bolotova. Biul. Glav. bot. sada no 41 58-62 '61.

NITROGEN OXIDE

Use of nitrous oxide in medical emergencies. V. I. Sergeev. Fel'd. i akush. 26 no 11:41 14 N '61.

NITROGLYCERIN—THERAPEUTIC USE

Comparative therapeutic activity and effect of nitranol and nitroglycerin on the cardiovascular system in stenocardia E. I. Zharov. Terap arkh no 7:54-57 '61

NITROSO COMPOUNDS

Production of hemichloronitroso hydrocarbons. A. I. Ketov, E. A. Abrazhanova, S. I. Zlotchenko Zhur. ob. khi. 31 no 12, 4043-4041 D '61

NITROUS OXIDE

Combined anesthesia using nitrous oxide and fractional doses of thiopental with the use of muscle relaxants in mitral commissurotomy [with summary in English] I P. IAmkovoi. Vest. khir no 2 111-114 '62

Effect of nitrous oxide anesthesia on the course of experimental shock [with summary in English]. K I. Ignatii skii. Vest. khir no 2 105-111 '62.

Psychic factor in the administration of nitrous oxide anesthesia. A. A. Plavinskii Zdrav. Bel. 7 no 12 44 D '61.

Use of nitrous oxide in stenocardia and myocardial infarction under first aid conditions [with summary in English] V. S. Belkin. Terap. arkh no 12:51 54 '61

NITROSYL CHLORIDE

Reaction of difluoroacetates with arsenic, arsenic trichloride, and nitrosyl chloride M A. Raksha, N. K. IAroventko. Zhur. ob. khim 32 no 1 273-274 Ja '62

NIZHNIY-TAGIL—RAILROADS—CARS

Lorentso, D. N. [Ural Railroad Car Plant] Ural'skii Vagonostroitel'nyi Zavod. Moskva, Gos. nauchno-tekhn izd-vo mashinostroit. lit-ry, 1961. 102 p.

NIZHNIY-TAGIL REGION—HANDICRAFT

The history and present state of the home industries in Nizhniy Tagil. S. B. Rozhdestvenskaia. Krat. soob. Inst. etn. no. 36:18-21 '62.

NIZHNYAYA TUNGUSKA see Lower Tunguska Valley

NKOMO, JOSHUA, 1917-

People and events. Nov vrem 20 no 12 31 Mr '62

NOGAY-KURGAN—POTTERY, PRIMITIVE

Pottery from the settlement of Nogay-Kurgan near Tashkent. S. B. Lunina, Z. I. Usmanova. Trudy Tash. un no. 172:164-176 '60.

NOGINSK (MOSCOW PROVINCE)—RESTAURANTS, LUNCHROOMS, ETC

Restaurant kitchen in a workers' settlement M Sapozhnikov Obshchestv pit no 11 31 N '61

NOGLIKI—STONE AGE

The neolithic settlement of Nogliki No 1, Far East, R.V. Chubarova. Krat. soob. Inst arkheol. no. 85 48-54 '61

NOISE

Hygienic characteristics of noise and vibrations on mechanisms used in open-pit mining. R V. Borisenkova, D. I. Timokhin Uch. zap Mosk. nauch. -issl inst. san. i gig. no. 7, 74-81 '60

NOISE—MEASUREMENT

Methodological problems in the measurement and evaluation of vibrations and noise. A. A Arkad'evskii, V P. Malorov, G I Rumiantsev. Uch zap. Mosk nauch. -issl inst. san. i gig. no. 7; 17-25 '60.

NOISE—PHYSIOLOGICAL EFFECT

Characteristics of occupational deafness in the case of combined effect of vibration and noise on the ear. A G. Rakhmilevich. Uch. zap. Mosk nauch. -issl. inst. san i gig. no. 7; 101-106 '60.

Combined action of noise and ultrasonic waves in industry. Z. S. Lisichkina Uch. zap. Mosk. nauch -issl inst. san i gig. no. 7; 93-100 '60.

Effect of noise in school shops on the students' organism. E. A. Timokhina. Uch. zap. Mosk. nauch. -issl inst san. i gig. no. 7; 101-103 '60.

Effect of noise on workers engaged in vertical shaft sinking. M. A. Krapotkina. Uch. zap. Mosk. nauch. -issl. inst. san. i gig. no. 7, 82-85 '60.

Influence of noise on the ability to read the dials of controlling and measuring instruments. B G TSukerman, A. M. Kozhin, A. F Pakhomov Dokl. APN 5 no 3; 87-90 '61.

Reaction of the auditory organ to high-frequency noise in hot shop conditions [with summary in English] A. G Rakhmilevich. Zhur ush., nos i gorl. bol. 20 no. 6; 62-65 N-D '60.

Some characteristics of the action of noise in weaving shops and protective measures. Report No. 2 S. S Vishnevskaia, S. I. Gorshkov. Uch. zap. Mosk. nauch. -issl. inst. san. i gig no. 7; 86-92 '60

NOISE CONTROL see subdivision under Minsk

NOMOCANON

Ushakov, V. F. [On the language of the Ustyug nomocanon of the 13th and 14th centuries, a paleographic and phonetic analysis of the manuscript held in the V. I. Lenin State Library of the U S S. R.] O iazyke Ustiuzhskoi kormchei, XIII-XIV vv.; paleograficheskoe i foneticheskoe opisanie rukopisi Gosudarstvennoi biblioteki SSSR im V. I Lenina, iz sobr N. P. Rumiantseva, no 230) Pod red. F P. Filina Kirov, Kirovskii gos pedagog. in-t im. V I. Lenina, 1961. 67 p

NOMOGRAPHY (MATHEMATICS)

Glagolev, N. A. [Course in nomography] Kurs nomografii. Izd 2 Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 267 p.

Necessary and sufficient conditions for the nomographing of functions of several variables S. V. Smirnov Dokl. AN SSSR 142 no 2 282-285 Ja '62.

Using nomograms in recalculating parameters of the consistency of pulp L. P Shupov Gor. zhur. no 12 51 D '61.

NONCONTENTIOUS JURISDICTION

The practice of notarial agencies. Sov. iust. no 3; 32 F '62

NONDESTRUCTIVE TESTING

Inspection by means of sound. A. Grepachevskii. IUn. tekh. 6 no. 2; 35-37 '62.

NONFERROUS INGOTS

Zonal straightening of ring-shaped ingots. V. N. Romanenko Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 1; 70-75 Ja-F '62.

NONFERROUS METAL INDUSTRIES

(see also subdivision under Leninogorsk; Ust'-Kamenogorsk)

Activity of the Scientific Technological Society of Nonferrous Metallurgy during 1959-1961 and its objectives in the light of resolutions of the 23rd Congress of the CPSU. TSvet. met. 35 no. 2; 1-8 F '62.

NONFERROUS METAL INDUSTRIES—COSTS

Methods of production cost determination in the complete utilization of raw materials for nonferrous metallurgy. L M. Gratsershtein Izv. vys. ucheb. zav., tsvet. met. 5 no. 1 150-157 '62.

NONFERROUS METALS

(see also subdivision under Armenia)

Conference on S I. Polkin's book "Flotation of rare metal and tin ores." N. G. Klimenko, L. I. Berlinskii. Izv. vys. ucheb. zav., tsvet. met. 5 no. 1; 162-163 '62.

NONFERROUS METALS—BIBLIOGRAPHY see Bibliography—Nonferrous metals

NONFERROUS METALS—CONGRESSES

Second Congress of the Scientific Technological Society of Nonferrous Metallurgy TSvet. met 35 no 2; 83-84 F '62.

Tenth meeting of the Mutual Economic Assistance Council on Nonferrous Metallurgy TSvet met. 35 no 2; 82 F '62.

NONFERROUS METALS—METALLURGY

Twenty-second Congress of the Communist Party of the Soviet Union and the role of Schools of Higher Learning in the expansion of nonferrous metallurgy Izv vys. ucheb zav.; tsvet. met 5 no 1 3-6 '62

NONMETALLIC MINERALS

"Preparation of coal and nonmetallic minerals in heavy suspensions" by I. Z. Margolin, L M. Verkhovskii Ugol' 37 no. 2; 61-62 F '62

NONWOVEN FABRICS

ACh V-V carding and knitting machine unit for the manufacture of cotton bat interlining L. I Gurvich. Tekst. prom 21 no. 6; 74-76 Je '61.

Some physical and mechanical properties of nonwoven materials (of the type of long-stapled paper) M. I. Sukharev. Izv. vys. ucheb. zav., tekh. leg prom. no 1; 50-55 '62.

Some properties of nonwoven materials and their use for protective clothing. V IA Davydov Tekst prom 21 no. 12; 12-16 D '61

NORBORNANE

Conversions of endo-trimethylenenorbornane on an aluminosilicate catalyst Formation of adamantane. A F Plate, Z. K. Nikitina, T A. Burtseva. Neftekhimiia 1 no. 5; 599-603 S-O '61.

Synthesis and polymerization of 2-vinylbicyclo-(2, 2, 1)-heptane N. A Belikova and others Neftekhimiia 1 no. 2 218-223 Mr-Ap '61

NORIL'SK—COMMUNITY LIFE

Love of beauty A. Aleksin Kult. -prosv. rab. 23 no 1 2-3 Ja '62.

NORIL'SK REGION—BLASTING

Improving boring and blasting operations in strip mines of the Noril'sk Combine. G. A Bulashevich, V. P Gordeev, V. M Permiakov. Vzryv. delo no 47/4 63-73 '61.

NORIL'SK REGION—EARTH TEMPERATURE

Geothermal characteristics of the Noril'sk mining region B. S. Pavlov. Vop. gidrogeol. i inzh geol. no 10; 91-103 '61

NORIL'SK REGION—MINING ENGINEERING

Improving mining technology in the "Zapolyarnyi" Mine of the Noril'sk Combine G I. Sadovskii and others Gor. zhur. no. 11 31-38 N '61.

NORTH ATLANTIC TREATY ORGANIZATION

The armed forces of NATO. Mezhdunar. zhizn' 6 no. 3; 144-147 Mr '62.

Atlantic mechanism of the armament race. V. Dubrovin. Nov. vrem 20 no 10 4-6 Mr '62.

Italy and NATO. L. Kotlmov Mir. ekon i mezhdunar. otn. no. 3; 104-106 Mr '62.

A meeting of the NATO Council in Oslo. V. Granov. Otv. na vop trud. no. 6; 24-28 Je '61

Military airplanes of NATO as revealed by foreign press data. N. Listvin. Starsh -serzh. no. 11 32-33 O[illegible] '61

North Atlantic Treaty Organization and the countries of Northern Europe. P. Ryzakov Mir ekon. i mezhdunar otn. no. 3; 78-89 Mr '62.

NORTH KAZAKHSTAN PROVINCE—AGRICULTURE

Raising agricultural standards and developing grain farming in North Kazakhstan Province A. G Gusev. Zemledelie 24 no. 1 12-21 Ja '62

This too is a school of management. B. Rakhmanin. Komsom. zhizn' no. 3; 19-21 F '62.

NORTH KAZAKHSTAN PROVINCE—COOPERATIVE SOCIETIES

Pamphlets on progressive workers. V. Kontukhov. Koop. Kazakh. 4 no. 11; 25 N '61.

NORTH KAZAKHSTAN PROVINCE—PEDDLERS AND PEDDLING

Along the winter routes. M. Konzhegaliev. Koop. Kazakh. 4 no. 1 20-30 Ja '61.

NORTH KOREA see Korea, North

NORTH OSSETIA see Ossetia, North

NORTH SEA—HERRING

Some materials on the exploration of spawning grounds of Atlanto-Scandinavian herring in April and May [1960]. G. D. Vasil'ev, I. O. Travina. Trudy BaltNIRO no. 7; 63-66 '61.

NORTH SEA—ORGANIC MATTER

Concentration of organic carbon in waters of t and North Seas and the subtropical and tropi of the North Atlantic. B. A. Skopintsev, S. N Trudy MGI 25; 110-117 '62.

NORTH TASHKENT CANAL

History of the development of irrigation in the Oasis (North Tashkent Canal). A. Shaikhova. rab. i soob. Otd. obshchestv nauk AN Uz. SSR 113 '61.

NORTHERN CAUCASUS see Caucasus, Northe

NORTHERN DONETS VALLEY—STONE IMPLE

Stone hatchets-hammers with bored holes foun upper Severskiy Donets. E V. Puzakov Sov 8 no 1; 268-272 '62.

NORTHERN DVINA RIVER—NAVIGATION

Northern Dvina water system. V. A. Mineev. no. 1, 94-106 '59.

NORTHERN DVINA VALLEY—GEOLOGY, STRA PHIC

Recent materials for establishing the boundary the Permian and the Triassic in the Basin of ern Dvina River. N. A Pokhtusova, M A Shi Dokl AN SSSR 143 no. 1, 194-197 Mr '62.

NORWAY—DESCRIPTION AND TRAVEL

Norway is not far from us (conclusion). Glenn Znamia 31 no. 12; 103-103 D '61.

Norway is not far from us (to be continued). C Fish Znamia 31 no 11; 157-165 N '61.

NORWAY—HISTORIOGRAPHY

"Norwegian historical science in the 19th and 2 turies" [in Norwegian] by Ottar Dahl Revie A. IA. Gurevich Vop ist no 3; 168-174 Mr

NORWAY—LIBRARIES

Libraries of Norway T S IUn'eva Bibliotek bibl va rub. no 6, 66-83 '61.

NORWAY—WORLD WAR, 1939-1945—UNDERG MOVEMENTS

Man from "Kon-tiki." Gennadii Fish. Vokru no. 1; 7-12, 55 Ja '62

NORWEGIAN SEA—HERRING

Characteristics of the distribution and state of abundance of bank herring in the Norwegian 1959. V. L. Sokolnikov. Trudy BaltNIRO no '61.

Effect of plankton on the feeding migrations of in the Norwegian Sea in 1959 L. N. Gruzov. BaltNIRO no 7; 36-40 '61

Some data on the reaction of Atlanto-Scandinav herring to artificial light. S. Overko. Trudy no 7 59-62 '61.

NORWEGIAN SEA—PLANKTON

Effect of plankton on the feeding migrations of in the Norwegian Sea in 1959. L. N. Gruzov. BaltNIRO no. 7 36-49 '61.

NOSE

Effect of some drugs on the functioning of the apparatus of the nasal mucosa in man. B I. Vest. otorin. no 2, 28-32 '62.

Localization of dehydrases in olfactory cells of brutes A. A Bronshtein Dokl. AN SSSR 14 936-939 F '62

NOSE—FOREIGN BODIES

Rare foreign body of the nasal cavity. I. A. M Vest. otorin. no. 4; 92-93 '61

NOSE—PARASITES

Gadfly larvae in the mucous membranes of the nose. G M. Gukasian. Vest. otorin. no. 2 10

NOSE—WOUNDS AND INJURIES

Dermatoplasty in fresh nasal defects. V. M. M Vest otorin no 2, 33-36 '62

NOSE, ACCESSORY SINUSES OF—TUMORS

Xanthomatous tumor of the accessory nasal sir I. M. Estrin, A. L. Makukha. Zhur. ush., nos, bol. 20 no. 6; 77-79 N-D '60.

NOSOLOGY

Some problems in the clinical classification an nology of fungus diseases. A. M. Arievich. V i ven. no. 2; 14-20 '62.

NOTARIES

"Notarial functions of rural and settlement sov I. M. Il'ianskaia, L. F. Lesnitskaia. Reviewed M. Inozemtseva, A. Stepanova. Sov. iust no, '62.

The practice of notarial agencies. Sov. iust. F '62.

NOVAYA KAKHOVKA—STUDENTS, CUBAN
Song of the Novaya Kakhovka. A, Pin. Vokrug sveta no 2·20-21 F '62

NOVAYA PRAGA DISTRICT—AGRICULTURE—STUDY AND TEACHING
Our work joins the work of the Republic. G. Mishurovs'ka Rad. shk 40 no. 2·9-10 F '62

NOVAYA ZEMLYA—BRACHIOPODA, FOSSIL
Some representatives of the early Carboniferous brachiopods from Novaya Zemlya T A Dedok. Paleont zhur no 3·57-60 '61

NOVGOROD—ARCHITECTURE
Karger, M. K. [Novgorod the Great] Novgorod Velikii. Leningrad, Gos. izd-vo "Iskusstvo," 1961 308 p.

NOVGOROD—DENDROCHRONOLOGY
Dendrochronology of Novgorod. B, A, Kolchin. Sov. arkheol. 6 no 1:113-139 '62

NOVGOROD—HISTORY—SOURCES
Azbelev, S. N. [Novgorod chronicles of the 17th century] Novgorodskie letopisi XVII veka Novgorod [Borovichskaia gorodskaia tip.] 1960 280 p. (RPB)

NOVGOROD—SERVICE INDUSTRIES
Notes from Novgorod. L. Davydov. Meat. prom i khud. promys. 3 no. 2:24-26 F '62

NOVGOROD PROVINCE—COMMUNITY CENTERS
The "red corner" in a village. S Ivanov. Sov. profsoiuzy 18 no. 1:31 Ja '62.

NOVO-ALEKSANDROVSKAYA DISTRICT—AGRICULTURE
Work of the Novo-Aleksandrovskaya District Committee of the CPSU on the supervision of agriculture Part. zhizn' no 6 36-40 Mr '62.

NOVOCAINE
Bronchography using a 10% solution of novocaine with antibiotics for anesthesia [with summary in English] L. S. Tapinskii. Grud khir. no 5:94-96 '61

Comparative evaluation of conduction anesthesia by various novocaine solutions A M. Korolenko Probl stom. 5:241-244 '60.

Effect of novocaine on blood coagulation in aged persons. R E. Ermishina Med zhur Uzb no 3 19-20 Mr '60

Intravenous drip administration of a novocaine solution in the treatment of endarteritis obliterans I. S. Vasilenko Nov. khir arkh. no 4·74-79 Jl-Ag '60

Local intradermal novocaine block in ear diseases [with summary in English] E. K. Kirko Vest. otorin. no 4; 72-80 '61.

Novocaine block in the compound treatment of pyorrhea alveolaris. N. S. Gulieva, A. I. Marchenko. Probl stom 5,68-73 '60.

Novocaine treatment in alcoholism. B. M. Segal. Vop. psikh. no. 4:258-265 '60.

Possible local reactions of tissue to novocaine administration. D. T. Pivchik Nov. khir. arkh. no. 4;109 Jl-Ag '60

Prolonged block of the sympathetic trunk of the lumbar segment in treating thrombophlebitis of the deep veins of the lower extremities [with summary in English]. T. P. Makarenko, A. M. Riabov Vest. khir. no. 2:70-74 '62.

Structural changes in the infra-alveolar nerve under the action of novocaine with hyaluronidase. L I Urbanovich, I. I. Bobrik. Probl. stom. 5:376-382 '60.

Treatment of endarteritis obliterans by subcutaneous administration of novocaine and blood transfusions. I. I. Khozhainov, I. I. Bulynin, M. D. Lapin. Nov. khir arkh. no. 4;79-81 Jl-Ag '60

...ls with penicillin- ...stom 5·417-

...n among other ...flammatory- ...s. Z. A. Flis.

...i the form of ...l diseases ...9;59 S '61

...oen. -med. zhur.

...erosis. S. V. Li- ...itova. Vrach.

...nent of eczema. ...n -med. zhur

...ng closed cere- ...oen. -med. zhur.

...OTIVES—PRO-

...the basis of stand- ...ov Biul. nauch. ...0 '62.

NOVOCHERKASSK—EVENING AND CONTINUATION SCHOOLS
Accelerated courses. E. Shabaev Nar. obr. no. 3·86-87 Mr '62.

NOVOCHERKASSK—MACHINERY INDUSTRY—ACCOUNTING
Planning and accounting in workshops operating on a business accounting basis in machinery manufacturing enterprises. A. Borodkin. Bukhg. uchet 18 no 1:5-12 Ja '62.

NOVOEMBICHINE
Case of generalized lymphogranulomatosis effectively treated with novoembichine. I. R. Kuvaeva. Med. zhur Uzb no 12 79 D '61

NOVOGRUDOK—ANTIQUITIES
On the fenced in portion of the city of Novogorodok of the 10th - 13th century chronicle F. D. Gurevich Sov. arkheol. 6 no 1:241-252 '62

NOVOGRUDOK—FORTIFICATIONS, OLD
On the fenced in portion of the city of Novgorodok of the 10th - 13th century chronicle. F. D. Gurevich. Sov arkheol 6 no 1:241-252 '62

NOVO-MOSKOVSK—CHEMICAL INDUSTRIES
Masters of a Communist Youth League dam. V. But and others. Smena 39 no. 1 9-11 Ja '62.

NOVOROSSIYSK—CEMENT INDUSTRIES
At the very blue sea. N. Kruzhkov. Ogonek 40 no. 6: 9-11 F '62.

NOVOROSSIYSK—DISABILITY EVALUATION
Usefulness of field conferences is indisputable. T. Strakhova, B. Strel'tsyn, N. Gryzlov. Sots. obesp. 23 no. 1·19 Ja '62.

NOVOROSSIYSK—TECHNOLOGICAL INNOVATIONS
The firefting justifies hope. P Volin Izobr. i rats. no 3·26-28 Mr '62.

NOVOROSSIYSKIY—BOOKSELLERS AND BOOKSELLING
Exhibition sales of books. L. Birlukov. Koop. Kazakh. 4 no. 3 49 Mr '61.

NOVOSIBIRSK—ALFALFA
Introduction of the alfalfa Medicago tianschanica Vass. in Novosibirsk. R. IA Plennik. Biul. Glav. bot. sada no. 44·82-87 '61.

NOVOSIBIRSK—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK
Committee on organizational and party work in the district committee. V. Alekhin, N. Danilin Part zhizn' no. 5 34-37 Mr '62

NOVOSIBIRSK PROVINCE—COMMUNIST YOUTH LEAGUE
Sheiko, E. P., comp. [Militant youth] Iunost' bocvala; sbornik [Novosibirsk] Novosibirskoe knizhnoe izd-vo, 1960. 220 p. (MH)

NOVOSIBIRSK PROVINCE—FINANCE
Combine state financial control with public control F Startsev. Fin SSSR 23 no 1:56-60 Ja '62.

NOVOSIBIRSK PROVINCE—GRAIN ELEVATORS
Certain problems concerning the improvement of work practices in the grain receiving enterprises of the Novosibirsk Province. I. Bochkarev. Muk.-elev. prom. 27 no. 9,16-18 S '61.

NOVOSIBIRSK PROVINCE—INDUSTRIES
Industry of the Novosibirsk Economic Council. N. S. Shkalikov. Biul. tekh.-ekon. inform. no. 1:80-81 '62.

NOVOSIBIRSK PROVINCE—SHALE
Expanded clay filler from shale of Novosibirsk Province. V. V. Eremenko, A. F. Efimova. Trudy Zap.-Sib. fil. AStA no. 3 147-149 '60.

NOVOSIBIRSK PROVINCE—SNOW FENCES
Mechanization of the construction of snow walls for road protection. V. K. Savinykh, V. A. Khokhlov. Avt. dor. 25 no 1;22-23 Ja '62.

NOVO-UKRAINKA DISTRICT—AGRICULTURE—STUDY AND TEACHING
Oleksandr Vasyl'ovych Gitalov, our beacon. Lida Kravchenko. Rad. shk. 40 no. 2;11-12 F '62.

NOVO-UKRAINKA DISTRICT—MICA
Biotite-granites in Novo-Ukrainka District [with summary in English on pp. 493-494]. I. V. Zav'ialova. Min sbor. no. 14:331-338 '60.

NOZZLES
Theory of the centrifugal nozzle. L. A. Klachko. Teploenergetika 9 no. 3;34-37 Mr '62.

NUCLEAR COUNTERS
Dark background in photon counters. D. M. Eremin. Trudy KHIT no. 41;84-86 '61.

NUCLEAR ENGINEERING
[Nuclear engineering abroad.] Atom. tekh. za rub. 6 nos. 1-2 Ja-F '62.

NUCLEAR FISSION
Druin, V. A., I. Brandshteit, and IA. Maly. [Measurement of the period of spontaneous fission of the fermium isotope Fm^{252}] Izmerenie perioda spontannogo deleniia izotopa fermiia Fm^{252}. Dubna, Ob"edinennyi in-t iadernykh issledovanii, 1962. 12 p [With summary in English]

NUCLEAR GEOPHYSICS
Radioactivity and geology. V. I. Baranov. Vest. AN SSSR 32 no 2 17-22 F '62.

NUCLEAR MAGNETIC RESONANCE AND RELAXATION
Cold working copper by the nuclear magnetic resonance method V. S. Pavlovskaia, IU. S. Stark. Fiz. tver. tela 4 no 1:285-288 Ja '62.

Determination of the structure of organic compounds from proton magnetic resonance spectra. V. F. Bystrov, R. A Gavar. Zav. lab. 28 no. 1:46-48 '62

Effect of paramagnetic admixtures on nuclear magnetic resonance spectra of certain organic substances. IU. IA. Shamonin, K. A. Gol'dgammer. Dokl. AN SSSR 140 no. 5;1136-1137 O '61.

Effect of the molecular shape on the magnetic relaxation rate in fluids [with summary in English]. K A. Valiev, M. M. Zaripov. Zhur. eksp. i teor. fiz. 42 no. 2;503-510 F '62.

Spin-lattice relaxation of nuclei during nuclear resonance in ferromagnetic substances [with summary in English] L. L. Buishvili, N. P. Giorgadze. Zhur. eksp. i teor. fiz. 42 no. 2;499-502 F '62.

NUCLEAR MODELS
Allowing for pn-interaction in the pair correlation model [with summary in English]. B. L. Birbrair. Zhur. eksp i teor. fiz. 42 no. 2;479-484 F '62.

Phenomenological interpretation of pion - pion interaction [with summary in English]. L. D. Solov'ev, Chuan' Tsan-mo [Ch'ên TS'ung-mo]. Zhur. eksp i teor. fiz. 42 no 2· 527-537 F '62.

Properties of a solution of Low's equation for a local field theory model [with summary in English]. B M Barbashov, G. V. Efimov. Zhur. eksp. i teor. fiz 42 no. 2;520-525 F '62.

Shielding effect for forbidden β^--spectra. I. N. Zyrianova Izv. AN SSSR. Ser. fiz. 26 no. 1. 148-149 Ja '62.

Single-particle levels in O^{17} and F^{17} nuclei on the assumption of a strong coupling of the nucleon and core with the tetrahedron symmetry [with summary in English]. Z. Matthiz, V. G. Neudachin, IU. F. Smirnov Zhur. eksp. i teor. fiz. 42 no. 2;502-506 F '62.

NUCLEAR PHYSICS
"Atomic physics and human knowledge" by Niels Bohr, book review. Priroda 51 no. 2;125 F '62.

NUCLEAR PHYSICS—RESEARCH see subdivision under Dubna

NUCLEAR REACTIONS
Angular and energy distribution of protons in the reaction $Ca^{40}(\gamma, p)K^{39}$ with $E_{\gamma max}$ = 22 Mev. [with summary in English]. T. N. Dragnev, B. P. Konstantinov Zhur eksp. i teor. fiz. 42 no. 2;344-340 F '62.

Angular distributions of α-particles in the reaction $Li^7(p, \alpha)He^4$ [with summary in English]. I. B. Teplov and others. Zhur. eksp. i teor. fiz. 42 no. 2;353-357 F '62.

Baiashov, V. V., V. B. Baliaev, and R. A. Eramzhian. [Calculation of two-nucleon correlations in the theory of μ^--capture by light nuclei] Uchet dvunuklonnykh korreliatsii v teorii μ^--zakhvata legkimi iadrami. Dubna, Ob"edinennyi in-t iadernykh issledovanii, 1962 11 p. [With summary in English]

Correction to the form of allowed β^--spectra, which is accounted for by matrix elements of the relativistic operators $\frac{1}{x}$ and γ_5 L. N. Zyrianova, A. A. Pantiushin Izv. AN SSSR. Ser. fiz. 26 no. 1;150-152 Ja '62

Druin, V. A. [Energy dependence of the cross section for the production of Md^{256}_{101} in the irradiation of U^{238}_{92} with Ne^{22}_{10} nuclei] Energeticheskaia zavisimost' secheniia obrazovaniia Md^{256}_{101} pri obluchenii U^{238}_{92} iadrami Ne^{22}_{10}. Dubna, Ob"edinennyi in-t iadernykh issledovanii, 1962. 9 p. [With summary in English]

Interaction between medium energy (10 - 100 Kev) atomic particles and solids; energy spectra of secondary ions [with summary in English]. B. V. Pandin. Zhur eksp. i teor. fiz. 42 no. 2;313-324 F '62.

Kuznetsova, M. IA., V. N. Pokrovskii, and V. N. Rybakov. [Study of the reaction $Al^{27}(p, p\pi^+)Mg^{27}$] Izuchenie reaktsii $Al^{27}(p, p\pi^+)Mg^{27}$. Dubna, Ob"edinennyi in-t iadernykh issledovanii, 1962. 10 p. [With summary in English]

Nguen Van Khieu. [Remark on the experimental study of the structure of the vector current in weak interaction] Zamechanie k eksperimental'nomu issledovaniiu struktury vektornogo toka v slabom vzaimodeistvii. Dubna, Ob"edinennyi in-t iadernykh issledovanii, 1962. 6 p. [With summary in English]

Nuclear interactions of heavy ions. A. Tsukker. Usp. fiz. nauk 76 no. 2;359-362 F '62.

Observation of a reaction involving the pickup of three neutrons and another involving the stripping of three protons in the interaction of N^{14} and Ne^{20} ions and C, Al, Cu, and Ta nuclei V. V. Volkov and others Zhur. eksp. i teor fiz. 42 no. 2:635-637 F '62.

Reactions with exchange of surface nucleons M. Z Maksimov Izv AN SSSR. Ser fiz 26 no 1 131-137 Ja '62

Resonance interactions of π-mesons and foreign particles; experimental data I. V. Chuvilo Usp fiz. nauk 76 no. 2:329-350 F '62

Statistical method for separating the yields of nuclear reactions of different multiplicity. B I Gorlachev. Atom energ 12 no. 3:246-248 Mr '62.

Study of resonances in the reaction Si^{29} (p, γ) p^{30} [with summary in English]. IU. P. Antuf'ev and others. Zhur eksp. i teor. fiz. 42 no. 2: 386-391 F '62

Total cross section of proton-neutron interaction at an energy of 8, 9 Bev. [with summary in English] L. Ozhidani and others. Zhur. eksp. i teor fiz. 12 no 2: 392-394 F '62.

Total cross sections of the T - T reaction in the 60-1140 Kev, energy range [with summary in English] A. M. Govorov and others. Zhur. eksp. i teor fiz. 42 no. 2:383-385 F '62.

Use of nuclear reaction (α, n, γ) for the determination of beryllium in concentration products I. N. Plaksin, M. A Beliakov, L. P. Starchik. Dokl AN SSSR 142 no. 2: 374-376 Ja '62

Yields of the products of the spallation reaction Bi^{209} (p, Xn, Yp). A V. Kaliamin, A. N Murin, B. K. Preobrazhenskii. Izv. AN SSSR. Ser. fiz. 26 no. 2:245-247 F '62.

Zyrianova, L. N. [Unique beta-transitions] Unikal'nye beta-perekhody. [Leningrad] Izd-vo Akad. nauk SSSR, 1959. 96 p. (NjP)

NUCLEAR REACTORS
(see also subdivision under Great Britain)

Alami, Richard, and Paul Agaron. [Elimination and transformation of heat in nuclear reactors. Translated from the French] Otvod i preobrazovanie tepla v iadernykh reaktorakh. Pod red. I. I. Novikova. Moskva, Gos. izd-vo lit-ry v oblasti atomnoi nauki i tekhniki, 1961. 219 p.

Alesbin, V. S., and A. A. Sarkisov. [Nuclear power reactors] Energeticheskie iadernye reaktory. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1961. 370 p.

Spectrum of γ-rays emerging from the horizontal channel in the VVR-M reactor. I F. Barchuk and others. Atom. energ. 12 no. 3:251-253 Mr '62.

Thermal shocks occurring of fuel cans. O. D. Kazachkovskii. Atom energ 12 no 3:230-235 Mr '62.

NUCLEAR REACTORS—MATERIALS

Reaction of structural materials with liquid metals. V. I. Nikitin. Teploenergetika 9 no. 2 90-92 F '62.

NUCLEAR RESEARCH

Short items. Atom. energ. 12 no. 3:262 Mr '62.

Statutes of the Institute of Joint Nuclear Studies. M. M. Lebedenko.) Sov. gos. i pravo no. 2:116-118 F '57.

NUCLEAR RESEARCH—BIBLIOGRAPHY see Bibliography—Nuclear research

NUCLEAR SHELL THEORY

Problems of nuclear structure [translated from "Phys. today" 14, 16 (1961)]. V. Weisskopf Usp fiz nauk 75 no. 1:153-169 Ja '62.

NUCLEAR SPIN

Excitation of spin waves by local surface magnetic irregularities. IU. M. IAkovlev. Fiz. tver. tela 4 no. 2:407-412 F '62.

Golovin, B. M., and others. [Spin-orbital states of particles in elastic nucleon-deuteron scattering] Spinovye sostoianiia chastits pri uprugom nuklon-deitronnom rasseianii Dubna, Ob'edinennyi in-t iadernykh issledovanii, 1961. 15 p.

Motion of nucleons in deformed light nuclei. B. I. Tishchenko, A. A. Kresnin, E. V. Inopin. Izv. AN SSSR. Ser. fiz. 26 no. 1:138-147 Ja '62.

Transformation of wave functions for the 1/2, 0, 1 spin A. A. Bogush. Dokl. AN BSSR 6 no. 1:22-25 Ja '62.

NUCLEI, ATOMIC

Calculation of the higher density moments of a nuclear charge in bremsstrahlung of a longitudinally polarized electron. F. S. Sadykhov. Vest. Mosk. un. Ser. 3: Fiz., astron. 17 no. 1:19-21 Ja-F '62.

Feinberg, S. M. [The atom and the atomic nucleus] Atom i atomnoe iadro. Moskva, Izd-vo "Znanie," 1962. 30 p. (Narodnyi universitet kul'tury: Estestvennonauchnyi fakul'tet, no. 23)

NUCLEIC ACID METABOLISM

Effect of boron on the incorporation of adenine-C^{14} into the ribonucleic acid of sunflower leaves and roots. E. A. Sheratnev, G. V. Kurilenok. Dokl. AN SSSR 142 no. 5:1201-1202 F '62.

Effect of extracts from irradiated Vicia faba leaves on the incorporation of P^{32} into isolated cell nuclei of the thymus gland A M Kuzin and others. Radiobiologiia 1 no. 6:850-857 '61.

Effect of gamma rays on nucleic acid metabolism in plant organs accumulating food reserves L. V. Metlitskii, N. P Korableva, N P Morozova Dokl AN SSSR 143 no 1 225-227 Mr '62

Effect of reserpine on the amount of nucleic acids in different layers of the cerebral cortex M. N Baranov. Dokl AN SSSR 143 no 1 221-224 Mr '62.

State of cell division and nucleic acid metabolism in the mucosa of the small intestine during the action of radioprotective substances on the organism L F Semenov and others. Radiobiologiia 1 no. 6:953-957 '61

NUCLEIC ACIDS

Comparative study of the composition of ribonucleic acids in some vertebrates and invertebrates. A. S. Antonov, A. N. Belozerskii Dokl AN SSSR 142 no 5: 1104-1107 F '62.

Infection of a tissue culture with viral ribonucleic acid as a method for isolating clones of poliomyelitis virus with stable genetic characteristics [with summary in English] IU. Z Gendon, L S. Diskina, A T Marchenko Vop virus 6 no 5:651-656 N-D '61

Nucleic acids and remote hybridization of yeast. G. P. Serenkov, S V. Kust Dokl AN SSSR 142 no. 5: 1197-1200 F '62

NUCLEONS

Interference between the amplitudes of inelastic processes [with summary in English]. I. I. Roisen, D S Chernavskii Zhur. eksp. i teor. fiz. 42 no. 2:625-629 F '62.

Multiple formation of nucleon pairs and outbursts of supernovae D A Frank-Kamenetskii Dokl AN SSSR 143 no 1 78-80 Mr '62

NUCLEOPROTEINS

Some causes of disorders in enzymatic decomposition of desoxyribonucleoproteins following whole-body gamma irradiation. N. V. Ermolaeva. Radiobiologiia 1 no 6: 834-837 '61.

NUMBERS, PRIME

Binary additive problems with prime numbers B. M. Bredikhin. Dokl AN SSSR 142 no 4 766-768 F '62.

Prime numbers in sequences of norms of ideals [with summary in English] E. Fogels. Izv. AN Latv SSR no. 12, 29-34 '61.

Topological and metric properties of the multiplicative structure of prime numbers. E. V Novoselov. Dokl. AN SSSR 142 no 6 1255-1257 F '62.

NUMERICAL WEATHER FORECASTING

Hydrodynamic forecasts of mean monthly values of humidity and vertical currents for the Northern Hemisphere Sh. A Musaelian. Izv. AN SSSR. Ser geofiz. no 3 421-433 Mr '62

Taking into account the geostrophic departure in short-range forecasts. V. V. Bykov Izv AN SSSR. Ser. geofiz no. 3 418-423 Mr '62.

NURA VALLEY—GEOLOGY, STRATIGRAPHIC

"Javicon" series in the middle Nura River. IU. F. Kabanov Vest. Mosk. un. Ser. 4:Geol. 17 no. 1:62-67 Ja-F '62.

NUREK HYDROELECTRIC POWER STATION

Dawn over the Vakhsh River. Smena 39 no. 3:16-17 F '62.

NURSES AND NURSING

Work of a discussion group of nurses. I. A. Chistichenko. Med. sestra 20 no. 11.52-53 N '61.

NURSES AND NURSING—STUDY AND TEACHING

University of culture for nurses. S. V. Liubarskii, M. L. Binov. Med. sestra 20 no. 11 53-54 N '61.

NUTRITION

Base-Sadhane, H. [Significance of microelements in nutrition] Mikroelementu nozime uztura. Riga, Latvijas PSR Zinatnu akad. Izdevnieciba, 1961. 59 p. [In Latvian]

NYLON

Kamenetskii, V. IA. [Manufacturing machine and instrument parts from capron] Izgotovlenie detalei mashin i priborov iz kaprona. Moskva, Mashgiz, 1961. 80 p.

Nylon parts. Put' i put. khoz. 6 no. 2:24 '62.

Permeability to air of nylon warp knit fabrics. M. A. Alekseeva, Izv. vys. uchseb. zav. tekh. leg. prom. no. 1: 92-95 '62.

Podshivalov, R. N., and N. I. Suslov. [Machine parts made of capron] Kapronovye detali mashin. Pod red. A. V. Kovalenko. Moskva, Mashgiz, 1961. 39 p. (Biblioteka mashinostroitelia. Serila "Za ekonomiiu metallov i elektroenergii")

Two cases of plastic closure of hepatic wounds with nylon. I. E. Prokopenko. Nov. khir. arkh. no. 5:97-98 Jl-Ag '60.

NYLON—THERAPEUTIC USE

Alloplasty of defects of the chest wall using capron [with summary in English] E V Serova. Vest. khir no 2 6-11 '62

NYMYLANS see Koryaks

NYSTAGMUS

Changes in vestibular and visual nystagmus in tumors and inflammatory diseases of the brain [with summary in French] O N. Gudina Zhur nevr i psikh 61 no 11 1663-1667 '61

OAK
(see also subdivision under Moscow; Moscow region)

Economical use of oak and beech wood. S. A. Chernov. Les prom 39 no 12:29 D '61

Effect of adult trees on the anatomical structure of the leaves of English oak seedlings in arid steppe plantations. K. I Levitskaia. Bot. zhur. 46 no. 11:1678-1685 N '61.

Ways for improving oak coppiceroads in the central forest-steppe. P N Ushatin, V. A. Bugaev Nauch zap VLTI 23 97-106 '61.

OB' RIVER—HYDROGRAPHY

Plotting calculated flood hydrographs. S. N. Kritskii, G. A. Leskov Trudy Gidroproekta no 4, 48-54 '60

OB' VALLEY—GEOLOGY, STRATIGRAPHIC

Establishing the new Lokosovo series in the Jurassic deposits of the middle Ob' Valley F G. Gurari Dokl AN SSSR 143 no 1 171-174 Mr '62.

Recent finds of Quaternary mammalian fauna in the upper Ob' Valley V. E Riasina. Dokl. AN SSSR 142 no. 5: 1153-1154 F '62

OB' VALLEY—KAOLINITE

Kaolinite minerals in Upper Cretaceous and Paleogene deposits in the middle Ob' Valley [with summary in English]. IU. P. Kazanskii, M. F. Sokolova Geol i geofiz. no. 11 23-29 '61

OBESITY see Corpulence

OBNINSK—BOARDING SCHOOLS

Fiftieth anniversary of S. T. Shatskii school. G. Volovnikov. Sov. pedag 26 no. 2 153-155 F '62.

OBSESSIONS

Some characteristics of neurodynamics in obsessive neurosis in children. L. I. Golovan'. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. 6:96-102 '61.

OBSTACLES (MILITARY SCIENCE)

Shevchuk, M. K., and E. A. Katurkin. [How to overcome obstacles erected by the engineers] Kak preodolevat' inzhenernye zagrazhdeniia. Moskva, Voen. izd-vo M-va obor. SSSR, 1961 182 p. (Za voenno-tekhnicheskie znaniia)

OBSTETRICS

Color sedimentation test of urine in obstetrical practice. A S Ershova Lab. delo 8 no. 2:49 F '62.

Problems in obstetrics and gynecology on the pages of "Kazanskii Meditsinskii Zhurnal" since its foundation. P. V. Manenkov Kaz. med. zhur. no. 4:98-102 Jl-Ag '61

Use of ACTH in obstetrics and gynecology. IA. E. Krivitskii. Kaz med. zhur. no. 4:49-50 Jl-Ag '61.

OBSTETRICS—CONGRESSES

Brief news. R. G. Bakieva, B. G. Sadykov. Kaz. med. zhur. no. 5:90 N-D '61.

OCCIPITAL BON

Location of the i nerve trunks a occiput. M. S. . S '61

OCCUPATIONAL I

Significance of vi pathogenesis of in English]. IA nos. i gorl. bol.

OCCUPATIONAL '

Historical conne system of nonr lovskii. Vop. j

Organizational pr period of Russi Vop. psikh. no.

Sanatorium treat ergotherapy [wi Probl. tub. no.

Work therapy for age. E. IA. Shte '60.

OCCUPATIONS

Word about mast 17 no. 1 6-8 Ja

OCEAN

Influence of physicogeographical factors on the albedo of the inland reservoirs and some seas. V. V. Rutlovskaia. Izv. AN SSSR. Ser. geog. no. 1 72-80 Ja-F '62

Main specific features of the structure of ocean waters. V. N. Stepanov. Okeanologiia. 2 no. 1 26-30 '62

OCEAN BOTTOM see subdivision under Indian Ocean

OCEAN BOTTOM—DEEP-SEA DEPOSITS

Significance of the argon-potassium ratio in oceanic silt. A. I. Krylov, A. P. Lisitsyn, J. I. Silina. Izv. AN SSSR. Ser. geol. no. 3 87-100 Mr '61

OCEAN CURRENTS
(see also subdivision under Atlantic Ocean, Black Sea, Bosporus, Caspian Sea, Pacific Ocean)

Role of rip currents in sand transport in the coastal zone. N. A. Albulatov, I. F. Shadrin. Trudy Inst. okean. 53 19-28 '61

OCEN TEMPERATURE see subdivision under Antarctic regions

OCEANOGRAPHIC RESEARCH see subdivision under Atlantic Ocean, Black Sea, Mediterranean Sea, Pacific Ocean

OCEANOGRAPHY

Shulelkin, V. V. [Studies on the physics of the ocean] Ocherki po fizike moria. Izd. 4, perer. i dop. Moskva, Izd-vo Akad. nauk SSSR, 1962. 469 p.

OCEANOGRAPHY—BIBLIOGRAPHY see Bibliography—Oceanography

OCTANE

Alkylation of isooctane with olefins. A. A. Voitekhov, V. I. Karzhev. Neftekhimiia. 1 no. 2 201-203 Mr-Ap '61

OCULOMOTOR NERVE

Characteristics of the motor neurons of the nucleus of the trochlear nerve innervating the phasic fibers of the musculus obliquus oculi superior. D. P. Matiushkin. Fiziol. zhur. 48 no. 2,188-194 F '62

ODESSA—BOTANICAL RESEARCH

Materials on the history of botany at Odessa University; from recollections. G. I. Potapenko. Trudy Inst. ist. est. i tekh. 41 44-62 '61

ODESSA—IRON AND STEELWORKERS—EDUCATION AND TRAINING

If you are familiar with economics. K. Shkinev. Sov. profsoiuz. 18 no. 1 41 Ja '62

ODESSA—LABOR COURTS

Lesovikov, E. A. [The court is in session; everybody rise!] Sud idet - proshu vstat'! [Odessa] Odesskoe knizhnoe izd-vo, 1961. 30 p.

ODESSA—PHYSICAL EDUCATION AND TRAINING

Physical culture group at Odessa Boarding School No. 2. A. A. Volkov. Teor. i prak. fiz. kul't. 24 no. 8; 580-583 '61.

ODESSA GOVERNMENT—FAMINES

Campaign against famine in the Odessa Government, 1921-1922. S. Sh. Landa. Ukr. ist. zhur. 6 no. 1 118-119 Ja-F '62.

ODESSA PROVINCE—AGRICULTURE—ACCOUNTING

Introduce the balance sheet method of accounting for materials on all collective and state farms. D. F. Romanenkov. Uchet i fin. v kolkhoz i sovkhoz. 19 no. 2; 23-25 F '62

ODESSA PROVINCE—ATHEISM

A traveling lecture hall. M. Pustovoitenko. Voiov. ateist. no. 2 27-28 F '62

ODESSA PROVINCE—HOUSING MANAGEMENT

Potentials for reducing losses in housing. V. Abramov. Fin. SSSR. 23 no. 2 52-54 F '62

ODESSA PROVINCE—STONE

From the time of Ochakov and the conquest of Crimea.... A. Varshavskii. Okhr. truda i sots. strakh. 5 no. 2; 28 F '62.

ODESSA PROVINCE—STONE AGE

Archaeological explorations of the late Paleolithic and Epipaleolithic in Odessa Province. V. I. Kraskovskii. Sov. arkheol. 6 no. 1,257-262 '62

OFFENSES AGAINST SOCIALIST PROPERTY

We should try to eliminate the conditions which contribute to the pilfering of cooperative farm property. IE. Toporovs'kyi. Rad. pravo no. 1; 104-105 Ja-F '62.

What was the destination of those five-ton trucks? M. Aleksandrov, A. Mikhailiants. Sots. zakon. 39 no. 2 77-78 F '62

OFFICE EQUIPMENT AND SUPPLIES
(see also subdivision under Germany, East)

How to prepare a case for documents. V. M. Rudchenko. Uchet i fin. v kolkhoz. i sovkhoz. 19 no. 1; 57-58 Ja '62

OFFICE MANAGEMENT

Kuznetsov, I. N. [Economic efficiency of using accounting and calculating machines] Ekonomicheskaia effektivnost' primeneniia schetno-vychislitel'nykh mashin. Moskva, Izd-vo ekon. lit-ry, 1961. 78 p. (Ekonomicheskoe samoobrazovanie)

OFFSET PRINTING

Significance of the character of the surface of paper in offset printing. M. L. Nikogosian. Nauch. trudy MPI no. 12; 253-273 '60

OHMETER

Static errors of automatic digital d. c. ohmmeters. D. I. Malov. Izv. vys. ucheb. zav., elektromekh. 5 no. 1; 37-46 '62.

OIL DRUMS see Drums (Containers)

OIL FIELD BRINES
(see also subdivision under Sakhalin, Zyrya region)

Effective methods of representing the composition of natural waters in connection with oil field waters and their standard classification. S. D. Chetverikov. Izv. vys. ucheb. zav., geol. i razv. 4 no. 12 85-94 D '61.

OIL FIELD BRINES—CLASSIFICATION

Problem of the efficient classification of oil field waters. B. S. Moldavskii. Izv. vys. ucheb. zav., neft' i gaz. 4 no. 5 9-12 '61.

OIL FIELD FLOODING see subdivision under Neftyanyye Kamni region

OIL FIELD WORKERS see Petroleum workers

OIL FIELDS see subdivision under Groznyy Province, Kazakhstan

OIL FIELDS—COMMUNICATION SYSTEMS

Mamikonov, A. G., and M. G. Geshelin. [Remote control in the oil and gas industries] Telemekhanika v neftianoi i gazovoi promyshlennosti. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 359 p.

OIL FIELDS—EQUIPMENT AND SUPPLIES

Balance system of telemetering pressure on semiconductor elements for oil and gas fields. Sh. M. Shakhmardanov. Izv. vys. ucheb. zav., neft' i gaz. 4 no. 5 87-94 '61.

OIL FIELDS—PRODUCTION METHODS
(see also subdivision under Azerbaijan; Groznyy Province, Kazakhstan, Kinel' District, Krasnodar Territory, Oktyabr'skiy, Bashkiria, Shkapovo region, Zamankul region; Zay Valley)

Classification of the processes of miscible phase recovery. L. I. Shtikov. Trudy GrozNII no. 10 111-129 '61.

Effect of some factors on the coefficient of oil recovery. G. IU. Chekhovskaia, V. L. Repina, M. B. Nazaretov. Trudy GrozNII no. 10; 103-110 '61.

Planning the development of gas and gas-and oil fields. M. T. Abasov. Azerb. neft. khoz. 40 no. 8 24-26 Ag '61

[Practice of innovators in drilling and exploiting oil wells] Opyt novatorov bureniia i ekspluatatsii neftianykh skvazhin. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry.
Book 2. 1961. 120 p.

Results of experimental studies on the displacement of oil with high pressure gas. N. M. Degtiarev. Trudy GrozNII no. 10 130-139 '61.

Results of field studies on cooling well bottoms by injecting various fluids. B. S. Kharchenko, V. N. Maidebor, V. M. Anokhin. Trudy GrozNII no. 10, 171-174 '61.

State and composition of the transition zone in the displacement of oil with high pressure gas. N. M. Degtiarev. Trudy GrozNII no. 10; 140-145 '61.

Using field data to determine the coefficient of oil recovery with water drive. G. IU. Chekhovskaia, V. L. Repina, M. B. Nazaretov. Trudy GrozNII no. 10; 86-102 '61.

Using liquid propane to displace oil from pools. F. I. Kotlakhov. Geol. nefti i gaza. 6 no. 2; 32-35 F '62

OIL FIELDS—SAFETY MEASURES

New equipment reduces injuries. N. Kostiukov. Neftianik. 7 no. 2, 27 F '62.

OIL FIELDS—SAFETY MEASURES—BIBLIOGRAPHY see Bibliography—Oil fields—Safety measures

OIL FILTERS

Centrifugal cleaning of oil. N. Ilinskaia, A. Kuznetsov. Sel'. mekh. no. 12; 26-28 '61.

OIL HYDRAULIC MACHINERY

Hydraulic torque amplifiers. G. I. Kamenetskii. Stan. i instr. 33 no. 1; 3-8 Ja '62

Range of the DG hydraulic engines. N. F. Marakin, M. Z. Loshak. Biul. tekh.-ekon. inform. no. 1; 44-45 '62.

OIL INDUSTRIES—TECHNOLOGICAL INNOVATIONS see subdivision under Tuymazy

OIL RESERVOIR ENGINEERING
(see also subdivision under Chechen-Ingush A. S. S. R., Fergana)

Determining the piezoconductivity of a layer. B. B. Khar'chenko. Trudy GrozNII no. 10 82-85 '61

Equation of fluid flow into a well from a fractured reservoir. D. N. Kuz'michev. Trudy GrozNII no. 10, 68-77 '61.

Features of pressure buildup in a case of joint exploitation of layers having different permeability. V. N. Maidebor, N. P. Lebedinets. Trudy GrozNII no. 10 78-81 '61.

Formula for calculating the skin effect exponent in wells. D. N. Kuz'michev. Trudy GrozNII no. 10; 187-194 '61.

Problem of modeling nonuniform oil layers. I. M. Mutavlev, Sh. K. Gimatudinov, A. P. Evgen'ev. Izv. vys. ucheb. zav., neft' i gaz. 1 no. 5 63-67 '61.

Relation between the permeability of oil reservoirs and temperature. B. I. Sultanov, Sh. M. Tagiev. Neft. khoz. 40 no. 1 10-14 Ja '62

Separate working of layered heterogeneous strata by incomplete wells. F. G. Gasanov. Dokl. AN Azerb. SSR. 17 no. 12; 1133-1137 '61.

Use of the method of electrohydrodynamic analogy in investigating the motion of the water-oil boundary [with summary in English]. V. T. Chernoval. Dop. AN URSR. no. 1 12-15 '62

OIL SANDS see subdivision under Soviet Central Asia

OIL SANDS—PERMEABILITY

Using data on potentials of self-polarization to determine permeability. S. A. Sultanov. Geol. nefti i gaza. 6 no. 2 49-51 F '62.

OIL-SHALE INDUSTRY

Methods for evaluating the commercial raw material base of the oil-shale industry based on test drilling cores. V. V. Levykin. Khim. i tekh. gor. slan. i prod. ikh. pererab. no. 8; 219-223 '60

OIL SHALES

Basic principles and methods of processing shale tar. N. I. Zelenin. Khim. i tekh. gor. slan. i prod. ikh. pererab. no. 8; 5-12 '60.

Coking higher cuts of the shale tar of semicoking. A. V. Kozhevnikov. Khim. i tekh. gor. slan. i prod. ikh. pererab. no. 8; 117-130 '60.

Decomposition of phenolates by dometh. oil shale gas under pressure. V. N. Lapin, M. O. Preis, F. F. Teofilov. Khim. i tekh. gor. slan. i prod. ikh. pererab. no. 8, 190-194 '60.

Developing methods of cold fractionation of shale tar. Report No. 1. N. I. Zelenin and others. Khim. i tekh. gor. slan. i prod. ikh. pererab. no. 8, 195-209 '60

Effectiveness of manufacturing chemical products from shale tars. E. V. Biryugalova, B. P. Natarov. Khim. i tekh. gor. slan. i prod. ikh. pererab. no. 8; 31-50 '60

Group composition of producer gasoline. I. N. Kamenskaia, E. L. Teofilov. Khim. i tekh. gor. slan. i prod. ikh. pererab. no. 8; 237-250 '60

Investigation of polymer shale oils. IU. B. Polevoi. Khim. i tekh. gor. slan. i prod. ikh. pererab. no. 8; 221-230 '60

Manufacture of chemical products on the economic basis of shale processing. V. V. Sredin. Khim. i tekh. gor. slan. i prod. ikh. pererab. no. 8; 13-30 '60.

Production of calcium carbide, electrical carbon and graphitized articles from the coke of shale tar. V. N. Krylov and others. Khim. i tekh. gor. slan. i prod. ikh. pererab. no. 8; 139-151 '60

Production of oil shale diesel fuel. B. E. Gurovich and others. Khim. i tekh. gor. slan. i prod. ikh. pererab. no. 8; 94-101 '60.

Production of polymer materials from shales. V. V. Sredin. Khim. i tekh. gor. slan. i prod. ikh. pererab. no. 8; 51-71 '60

Sulfonation of phenols of the middle cut of shale tar. E. E. Teofilov and others. Khim. i tekh. gor. slan. i prod. ikh. pererab. no. 8; 210-218 '60.

OIL SHALES—ANALYSIS

Type analysis of polymer shale oils. IU. N. Polevoi. Khim. i tekh. gor. slan. i prod. ikh. pererab. no. 8; 231-236 '60.

OIL WELL CASING

Determination of external loads acting on casing columns. L. B. Izmailov. Trudy GrozNII no. 10; 12-20 '61.

Hydrodynamic pressure in setting casing "tails". M. K. Seid-Rza, A. A. Movsumov, T. G. Faradzhev. Azerb. neft. khoz. 40 no. 8 14-18 Ag '61.

OIL WELL CEMENTING

Relative longevity of portland and cinder-sand cements in wells having high temperatures. E. K. Mochinskii, A. I. Bulatov. Trudy GrozNII no. 10; 32-37 '61.

OIL WELL CEMENTING—EQUIPMENT AND SUPPLIES

Bypass valve for automatic pressure regulation. Z. Abdullaev. Neftianik. 7 no. 2; 20 F '62.

OIL WELL DRILLING
(see also subdivision under Apsheron Peninsula, Azerbaijan, Bashkiria)

Deflection of wells. A.N.Shan'gin. Trudy GrozNII no.10:3-11 '61.

Determination of the elements of a tachogram in efficient lowering of drilling tools. G.M.Shakhaliev, R.N.Kogan. Neft.khoz. 40 no.1:17-21 Ja '62

Determining the critical rate of a drill cutting in gas drilling. G.Pascal. Izv.vys.ucheb.zav., neft' i gaz 4 no.5:59-61 '61

Effect of temperature on the swelling of clay rocks. K.F.Zhigach, L.B.Adel', V.D.Gorodnov. Izv.vys. ucheb.zav., neft' i gaz 4 no.5:23-29 '61

Possibility of the experimental determination of the maximum dynamic load on a bit by the dynamic impression method. M.L.Kisel'man. Izv.vys.ucheb. zav., neft' i gaz 4 no.5:47-51 '61

Problems in drilling deep wells. N.S.Timofeev, IA.A. Gel'fgat. Neft.khoz. 40 no.1:7-12 Ja '62.

Problems of the dynamic interaction of a bit and a rock. R.A.Badalov. Izv.vys.ucheb.zav., neft' i gaz 4 no.5: 31-38 '61

Some characteristics of drilling very deep wells. S.M. Kuliev, IU.V.Sadykhov, A.G.Mdivani. Bez.truda v prom. 6 no.1:21-24 Ja '62

Thorough overhaul is needed in the planning of drilling operations. G.S.Vekilov. Azerb.neft.khoz. 40 no.8: 48 Ag '61.

OIL WELL DRILLING—EQUIPMENT AND SUPPLIES
(see also subdivision under United States)

Deep jack. R.Lembich. Neftianik 7 no.2:21-22 F '62.

OIL WELL DRILLING, ELECTRIC

Relationship between the number of revolutions of the bit and efficiency in electric drilling. M.IU.Salamov and others. Azerb.neft khoz. 40 no.8:18-20 Ag '61.

OIL WELL DRILLING, SUBMARINE
(see also subdivision under Artem Island, Caspian Sea)

Research on the conditions of origin and planning of oil well exploitation expenses in the submarine oil fields. V.M.Bessonova. Izv.AN Turk.SSR Ser.obshchestv. nauk no.6:50-57 '61.

OIL WELL DRILLING, SUBMARINE—ELECTRIC EQUIPMENT see subdivision under Azerbaijan

OIL WELL DRILLING FLUIDS
(see also subdivision under Chechen-Ingush A.S.S.R.)

Study of pressure distribution inside a hydrocyclone. K.I.Mangushev. Izv.vys.ucheb.zav., neft' i gaz 4 no.5:53-58 '61.

OIL WELL DRILLING RIGS

Devon and caprone. IU.Medvedev. Nauka i zhizn' 28 no.12:7-9 D '61.

Dismantling and transporting the BU-75Br rig. V.K. Galaburda. Neftianik 7 no.1:8-9 Ja '62.

New drilling rig. A.Timan, D.Sinov. Neftianik 7 no.1:16 Ja '62.

OIL WELL LOGGING see subdivision under Kuban-Azov Lowland

OIL WELL LOGGING, RADIATION see subdivision under Azerbaijan

OIL WELL PUMPS
(see also subdivision under Daghestan)

Device for pressuring oil wells. Neftianik 7 no.1:14 Ja '62.

Efficient bracing of drill pumps. P.V.Kutsyn, IU.D.Sysoev. Bezop.truda v prom. 6 no.2:18-20 F '62.

How can dynamic level be determined from a dynamograph? IU.A.Balakirev. Neftianik 7 no.1:26-28 Ja '62.

Kazak, A.S. [Submersible rodless piston pumps with hydraulic drive] Pogruzhnye porshnevye besshtangovye nasosy s gidroprivodom. Leningrad, Gos.nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 319 p.

OIL WELL PUMPS—MAINTENANCE AND REPAIR see subdivision under Azerbaijan

OIL WELLS
(see also subdivision under Azerbaijan)

A boundary condition of the problem on stresses around a well shaft in calculating fluid flow. D.N.Kuz'michev. Trudy GrozNII no.10:185-196 '61.

OIL WELLS—EQUIPMENT AND SUPPLIES
(see also subdivision under Tuymazy region; United States)

Cement head. F.Gruzinov. Neftianik 7 no.2:22 F '62.

Corrosion inhibitors for oil wells. V.F.Negreev, L.A. Mamedov, T.Kh.Manakhova. Azerb.neft khoz. 40 no.8:44-45 Ag '61.

Efficient trend in the construction of units of underground well repair. G.V.Molchanov. Neft.khoz. 40 no.1:50-55 Ja '62.

From practice of the economics in designing machinery for the underground repair of oil wells. B.A.Dadashev. Nauch.trudy MIEI no.18:177-186 '61

Gas anchors. A.Erbolatov. Neftianik 7 no.2:23 F '62.

Installation of a blowout preventer. IA.A.Shvarts. Neftianik 7 no.2:10-11 F '62

Institute competent technical inspection. G.A.Kovtunov. Neftianik 7 no.1:6-7 Ja '62

Lightweight jawless chain wrench. V.Ugnich. Neftianik 7 no.1:17 Ja '62

Practice of shooting wells with TShB torpedoes. M.P. Panov, E.A.Ivanitskii, IA.G.Mel'nichuk. Neft.khoz. 40 no.1:65-68 Ja '62.

Sealing the mouth of a well in drilling. N.G.Dadashev. Neftianik 7 no.2:9 F '62.

OIL WELLS—GAS LIFT

Injector transducer for air or gas lift wells. A.P.Gasanov. Azerb.neft khoz. 40 no.8:46-47 Ag '61

OIL WELLS—HYDRAULIC FRACTURING

Study of the effect of pressures and impurities on the physical properties of fluids used in hydraulic fracturing. L.S.Melik-Aslanov, E.I.Ibragimov. Azerb.neft khoz. 40 no.8:34-36 Ag '61

OILS, INSULATING see Insulating oils

OILS AND FATS

Irodov, M.V. [Continuous reagent-free splitting of fats] Nepreryvnoe bezreaktivnoe rasshchoplenie zhirov. Moskva, Pishchepromizdat, 1961. 76 p. (Biblioteka motodogo rabochego)

OILSEED PLANTS—STANDARDS

Seeds of oil-bearing plants. B.T.Konik. Standartizatsiia 26 no.2:44-46 F '62

OKA RIVER—FLOODS

Role of liquid precipitation in the formation of the catastrophic spring flood of 1908 in the Oka River. Z.P.Bogomazova, S.N.Bogolubov. Shor.rab.po gidrol. no.1: 56-61 '59.

OKA RIVER—HYDROLOGY

Interchange between the water in the ground and the water in rivers. L.T.Fedorov. Trudy Gidroproekta no.4:24-47 '60

OKHA REGION—GEOLOGY, STRATIGRAPHIC

Dagi series of the Okha-Ekhabi region. N.A.Voloshinova. Trudy VNIGRI no.181:63-72 '61.

OKHTA (LENINGRAD PROVINCE)—CONSTRUCTION WORKERS—EDUCATION AND TRAINING

Develop an aesthetic attitude toward life and work. L.Mikhailova. Sov.profsoiuzy 18 no.1:34-35 Ja '62.

OKNITSA DISTRICT—FARM MANAGEMENT

Let's prepare party meetings carefully. P.Oparenuk. Komm.Mold 6 no.7:29-32 Jl '61.

OKTYABR'SKIY (BASHKIRIA)—OIL FIELDS—PRODUCTION METHODS

An enterprise of communist labor. IU.N.Ovsiannikov. Bez.truda v prom. 6 no.1:26-29 Ja '62.

OKTYABR'SKIY (BUKHTARMINSKIY DISTRICT)—STORES, RETAIL

Together with saleselerks. A.Litvinova. Koop.Kazakh. 4 no.1:31 Ja '61.

OLD AGE—CONGRESSES

Second Conference on Problems of Gerontology and Geriatrics. G.L.Khit'. Vop.antr. no.7:145-146 '61.

OLD AGE—DISEASES see Geriatrics

OLD-AGE HOMES
(see also subdivision under Maikop, Terekhovka District; Voronezh)

Auxiliary farm is in good hands. V.Leont'ev. Sots. obesp. 23 no.2:31-32 F '62.

Plan of a boarding house for the aged. O.Aidinova. Zhil. stroi no.12:27 '61.

OLD-AGE PENSIONS

Answering our readers' questions. Sots.zakon 39 no.2:82-84 F '62.

New legislative enactments. Sov.iust. no.4:31 F '62.

OLEFACTORY NERVE

State of olefactory and trigeminal sensitivity in acute disorders of the cerebral circulation [with summary in English]. A.Z.Dubrovskii, Z.N.Dracheva. Vest. otorin. no.2:23-28 '62

OLEFINS

Alkylation of isooctane with olefins. A.A.Voitekhov, V.I. Karzhev. Neftekhimiia 1 no.2:201-203 Mr-Ap '61.

Certain regularities in mass spectra of monoolefins. A.A.Poliakova, R.A.Khmel'nitskii. Zhur.ob khim. 31 no.12:4058-4060 D '61.

Conversions of isobutylene and other iso-olefins under hydrocondensation reactions of carbon monoxide with olefins. IA.T.Eidus, B.K.Nefedov. Neftekhimiia 1 no.1:71-81 Ja-F '61

Diene synthesis with glyoxylic acid esters. IU.A.Arbuzov, E.M.Klimov, E.I.Klimova. Dokl.AN SSSR 142 no.2:341-343 Ja '62

Malinovskii, M.S. [Olefin oxides and their derivatives] Oksi olefinov i ikh proizvodnye. Moskva, Gos.nauchno-tekhn.izd-vo khim.lit-ry, 1961. 552 p.

Polymerization and hydration of diene hydrocarbons on the KU-2 cation exchanger. N.G.Poliakovskii, T.I. Kozlova. Neftekhimiia 1 no.5:624-629 S-O '61

Reaction of hexafluoroacetone with olefins. I.L.Knunyants, B.L.Diatkin. Izv.AN SSSR Otd.khim.nauk no.2:355-356 F '62

Synthesis of organomercuric nitro compounds. Report No.5. Addition of mercuric salt of trinitromethane to unsaturated alcohols. S.S.Novikov and others. Izv.AN SSSR Otd.khim.nauk no.2:272-276 F '62

Thermal alkylation of methylcyclohexane by olefins under pressure. N.M.Nazarova and others. Neftekhimiia 1 no.5:613-618 S-O '61

OLEFINS—SPECTRA

Spectra of nuclear magnetic resonance of enyne and diene hydrocarbons and their silicon-, tin-, and lead-containing analogs. A.A.Petrov, V.B.Lebedev. Zhur.ob khim. 32 no.2:657-658 F '62.

OLENEGORSK REGION—BLASTING

Improving blasting operations in pits of the Olenegorsk Mining Administration. L.N.Grinberg, R.S.Permiakov, G.S.Cherepanov. Vzryv.delo no.47/4:84-89 '61.

OLENEGORSK REGION—IRON MINES AND MINING

Growth of mining operations in working the mountainous part of the Olenegorsk deposit. R.S.Permiakov. Gor. zhur. no.11:25-28 N '61

OLESKO DISTRICT—POTTERY, PRIMITIVE

Pottery of the prefeudal period from the archaeological excavations of the ancient site of Plesnesk. M.P. Kuchera. Sov.arkheol. 6 no.1:292-294 '62

OLIGOCHAETA

Problems concerning the feeding of Enchytraeus albidus Henle in culture [with summary in English on pages 269-270]. I.V.Ivleva. Izv.GosNIORKH 51:96-117 '61.

OLYMPIA, GREECE—DESCRIPTION

Rubissow, Elena. [Lights of Asia; a trip to the East] Ogni Azii; puteshestvie na Vostok. Paris, 1961. 303 p.

OMENTUM—DISEASES

Case of constriction of the appendix, the loop of the small intestine and the omentum in femoral hernia. O.Charyev, K.S.Atanlyazova. Zdrav.Turk. 5 no.6: 25-26 N-D '61.

Case of torsion of the omentum. V.V.Bondar'. Nov. khir.arkh. no.3:92 My-Je '60

Torsion of part of the omentum simulating appendicitis in a patient with left-side location of the appendix. IU.M.Volobuev. Zdrav.Turk. 5 no.6:25 N-D '61.

OMENTUM—TUMORS

Inflammatory tumor of the omentum at the site of a foreign body which has perforated the intestine. A.L. Aksel'dorf. Kaz.med.zhur. no.6:60-61 N-D '61.

Twisted cyst of the omentum in a child. G.I.Stepanova. Nov.khir.arkh. no.3:93-94 My-Je '60.

OMSK—TIRES, RUBBER

All-Union seminar for workers in petroleum chemistry on the activities of the Public Institute of Research Workers of the Omsk Tire Factory. K.A.Naidin. Kauch.i rez. 20 no.9:57 S '61.

OMSK PROVINCE—SCHOOL SUPERVISION

Council on Public Education as a headquarters of group supervision. L.Smirnov. Nar.obr. no.2:14-15 F '62.

ONCOLOGICAL SOCIETIES see subdivision under Kiev; Leningrad Province; Moscow Province; Tatar A.S.S.R.

ONCOLOGY

Lymphography and the possibilities for its use in clinical oncology. D.L.Kleiman. Vop.onk. 8 no.2:101-111 '62

Some problems in the registration of neoplastic diseases in the provincial (the Republics') oncological dispensaries [with summary in English]. V.V.Dvoirin. Vop. onk. 8 no.2:81-84 '62.

Surgical treatment of tumors in Russia; according to data of the Voenno-Meditsinskii zhurnal from 1823 to 1885. N.IA.Shabanova. Vop.onk. 8 no.2:112-117 '62.

ONCOLOGY—CONGRESSES

All-Union Conference on Work Coordination in the Field of Oncology. D.M.Abdurasulov, B.L.Bronshtein, L.N. Dimant. Med.zhur.Uzb. no.6:71-73 Je '60.

ONEGA BAY—HERRING

Some problems with regard to the fecundity of herring in the Onega Bay. L. E. Anokhina. Dokl. AN SSSR 142 no. 6: 1412-1415 F '62.

ONEGA LAKE REGION—BAUXITE

Rocks containing analcite and zeolites from the Northern Onega bauxite deposit. F. A. Kal'berg, E. P. Levando. Dokl. AN SSSR 142 no. 4: 919-921 F '62.

ONIONS

Content of chlor-IFC in carrots and onions grown in soil treated with this herbicide. A. M. Shoeva. Vop. pit. 21 no. 1: 73-74 Ja-F '62.

Effect of temperature on the metabolism of amino acids and sugars in various organs of onion [in Armenian with summary in Russian]. G. G. Gabrielian. Izv. AN Arm. SSR, Biol. nauki. 15 no. 1: 25-39 Ja '62.

ONTOGENY

Svechin, K. B. [Individual development of farm animals] Individual'noe razvitie sel'skokhozialstvennykh zhivotnykh. Kiev, Izd-vo Ukrainskoi akad. sel'khoz. nauk, 1961. 408 p.

ONTOGENY (BOTANY)

"Rhythmicity of development in plants," by V. N. Vorobshilov. Reviewed by V. K. Vasilevskaia. Bot. zhur. 47 no. 1: 139-141 Ja '62.

OPEN AND CLOSED SHELVES

Conference on free access in research libraries. Biul. TSentr. nauch. sel'khoz. bibliot. no. 5: 45-47 '60.

For discussion. I. Dikovskaia and others. Bibliotekar' no. 3: 46-48 Mr '62.

Our suggestions. V. Taranov. Bibliotekar' no. 3: 51-52 Mr '62.

OPEN-HEARTH FURNACES see subdivision under United States

OPEN-HEARTH FURNACES—MAINTENANCE AND REPAIR

New regulations on the repair of open-hearth furnaces. V. I. Zhivago. Metallurg 7 no. 3: 21-22 Mr '62.

Ramming open-hearth furnace walls with refractory lining. A. Lekhtik. Metallurg 7 no. 3: 19-21 Mr '62.

OPEN HEARTH PROCESS
(see also subdivision under Czechoslovakia)

Effect of the method of steel deoxidation on the properties of finished metal. G. I. Ezhov. Konstr. i tekh. mash. no. 1: 104-109 '61.

Use of oxygen in the open-hearth process abroad. E. A. Grekov. Biul. tekh.-ekon. inform. no. 1: 85-87 '62.

OPEN-PIT MINING see Strip mining

OPERA see subdivision under Frunze, Kiev; Kishinev; Leningrad; Moscow

OPERA—HISTORY AND CRITICISM

Chernaia, E. S. Opera. Moskva, Gos. muzykal'noe izd-vo, 1961. 125 p. (Muzykal'nye formy i zhanry)

OPERAS—STAGE GUIDES

Opera and decorative painting. V. Vanslov. Iskusstvo 25 no. 1: 23-30 '62.

OPERATIONAL CALCULUS see Calculus, Operational

OPERATIONS, SURGICAL

Blood coagulogram in some surgical interventions [with summary in English]. V. G. Morozov. Khirurgiia no. 2: 25-28 '62.

OPERATIVE SURGERY see Surgery, Operative

OPERATORS (MATHEMATICS)

Behavior at infinity of solutions to an evolutional equation with an unlimited operator. IU. I. Domshlak. Izv. AN Azerb. SSR, Ser. fiz.-mat. i tekh. nauk no. 5: 9-22 '61.

Conditions for self-adjointness of differential operators of higher order. R. S. Ismagilov. Dokl. AN SSSR 142 no. 6: 1239-1242 F '62.

Correction to the form of allowed β^--spectra, which is accounted for by matrix elements of the relativistic operators $\frac{d}{r}$ and γ_5. L. N. Zyrianova, A. A. Pantiushin. Izv. AN SSSR Ser. fiz. 26 no. 1: 150-152 Ja '62.

Existence of a linear polynomial operator affording the best approximation on a class of functions. N. P. Korneichuk. Dokl. AN SSSR 143 no. 1: 25-27 Mr '62.

Expansion in eigenfunctions of a non-self-adjoint differential operator of even-numbered order in a space of vector functions. M. G. Gimadislamov. Dokl. AN SSSR 143 no. 1: 13-16 Mr '62.

General form of a certain operator acting on a pair of holomorphic functions. K. A. Mustafaev. Izv. AN Azerb. SSR, Ser. fiz.-mat. i tekh. nauk no. 5: 3-7 '61.

Generalized concept of a spectral operator. V. E. Liantse. Dokl. AN SSSR 142 no. 2: 276-281 Ja '62.

Green's functions of elliptic operators of any power (including integral powers). P. E. Sobolevskii. Dokl. AN SSSR 142 no. 4: 804-807 F '62.

Index of elliptic operators. M. S. Agranovich. Dokl. AN SSSR 142 no. 5: 983-985 F '62.

Model elements of non-self-conjugate operators. E. R. TSekanovskii. Dokl. AN SSSR 142 no. 5: 1043-1046 F '62.

One class of nuclei and the contact problem of mathematical rheology [with summary in English]. M. I. Rozovs'kyi. Dop. AN URSR no. 2: 183-186 '62.

Reducing the problem of memory allocation in programming to the problem of coloring graph vertices. A. P. Ershov. Dokl. AN SSSR 142 no. 4: 785-787 F '62.

Semigroup of operators in Frechet space. L. Mate. Dokl. AN SSSR 142 no. 6: 1247-1250 F '62.

Some suggestions concerning the regularization of linear operators in Banach spaces. L. S. Rakovshchik. Dokl. AN SSSR 140 no. 5: 1023-1025 O '61.

Theory of hypoelliptic and partially hypoelliptic operators. V. P. Palamodov. Dokl. AN SSSR 140 no. 5: 1015-1018 O '61.

Transformation operator for Sturm-Liouville's differential equation in the non-self-adjoint case. V. D. Mil'man. Dokl. AN SSSR 142 no. 5: 1019-1021 F '62.

OPHTHALMOLOGY

Experimental study in the use of monomycin in ophthalmological practice [with summary in English]. IU. F. Maichuk. Antibiotiki 7 no. 2: 174-179 F '62.

OPTIC NERVE

Nerves of metal. IUn. tekh. 6 no. 1: 55 Ja '62.

OPTIC NERVE—SYPHILIS

Problems in the pathogenesis, clinical aspects and treatment of parenchymatous keratitis in late congenital syphilis and primary (tabetic) atrophy of the optic nerves. G. V. Robustov. Vest. derm. i ven. no. 2: 57-61 '62.

OPTIC THALAMUS

Effect of the cervical sympathetic nerve and adrenaline on the functioning of the nonspecific thalamocortical structures. M. G. Belekhova. Fiziol. zhur. 48 no. 2: 134-144 F '62.

Interaction of specific and nonspecific thalamic nuclei [with summary in English]. S. P. Narikashvili, E. S. Mondava. Trudy Inst. fiziol. AN Gruz. SSR 12: 55-67 '61.

OPTICAL ILLUSIONS

Don't trust your eyes. Tekh. mol. 30 no. 1: 40 '62.

Overcoming optical illusions. V. Popov, A. Pikovskii. Vest. Vozd. Fl. no. 11: 70-72 N '61.

Successive visual images in flying activity. V. P. Zagriadskii, N. M. Listova. Voen.-med. zhur. no. 8: 61-64 Ag '61.

OPTICAL INSTRUMENTS

Totally reflecting resonance filter of limited size. Part 1. L. V. Iogansen. Opt. i spektr. 12 no. 2: 318-326 F '62.

OPTICAL MEASUREMENTS

Afanas'ev, V. A. [Optical measurements] Opticheskie izmereniia. Moskva, Izd-vo geodez. lit-ry, 1961. 238 p.

OPTICAL ROTATION

Effect of the chain length on the optical activity of spiral polymers. V. M. Aslanian. Dokl. AN Arm. SSR 33 no. 5: 199-204 '61.

OPTICS—BIBLIOGRAPHY see Bibliography—Optics

OPTICS, GEOMETRICAL

Begunov, B. N. [Geometrical optics] Geometricheskaia optika. [Moskva] Izd-vo Mosk. univ., 1961. 260 p.

Calculation of the oscillation power of a plane-parallel layer. B. I. Stepanov, A. M. Samson. Dokl. AN SSSR 142 no. 6: 1282-1284 F '62.

ORCHARD GRASS

New data on the ecology of orchard grass; historical approach to biology as related to the problem of polyploidy [with summary in English]. IU. S. Grigor'ev. Bot. zhur. 47 no. 1: 3-16 Ja '62.

ORCHESTRA

Rogal'-Levitskii, D. R. [Discussing the orchestra] Besedy ob orkestre. Moskva, Gos. muzykal'noe izd-vo 1961. 287 p.

ORDIN-NASHCHOKIN, AFANASII LAVRENT'EVICH, 1605-1665

Galaktionov, I. V., and E. V. Chistiakova. [A. L. Ordin-Nashchokin, a Russian diplomat of the 17th century] A. L. Ordin-Nashchokin - russkii diplomat XVII v. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 132 p. (Vydaiushchiesia diplomaty nashei Rodiny)

ORDNANCE, NAVAL

New developments in weapons against ships. I. Trublaevich. Voen. znan. 38 no. 1: 25-26 Ja '62.

Rockets on ships. K. Kulichenko. Starsh.-serzh. no. 9: 22 S '61.

ORDZHONIKIDZE, GRIGORII KONSTANTINOVICH, 1886-1937—HOMES AND HAUNTS

Sergo's study room. A. Litvak. Ogonek 10 no. 1: 6-7 F '62.

ORDZHONIKIDZEVSKIY DISTRICT—GLASS MANUFACTURE—HYGIENIC ASPECTS

Watchman. V. Goncharenko. Okhr. truda i sots. strakh. 5 no. 1: 18-19 Ja '62.

ORE DEPOSITS
(see also subdivision under Altai Mountains; Armenia, Caucasus, Caucasus, Northern; Georgia, Kazakhstan, Ossetia, North; Popel'nastoye region, Trans-Ili Ala-Tau, Transbaikalia; Ukraine; Ural Mountains; Verkhoyansk Range, Vyshkovo region, Transcarpathia)

Basic problems of the science of ore deposits in the light of the decisions of the 22d Congress of the Communist Party of the U. S. S. R. Geol. rud. mestorozh. no. 1: 3-16 Ja-F '62.

Belevtsev, IA. N. [Structural conditions in the formation of ore deposits] Strukturnye usloviia obrazovaniia rudnykh mestorozhdenii. Kiev, Izd-vo Akad. nauk Ukrainskoi SSR, 1961. 232 p. (Akademiia nauk URSR, Kiev. Institut geologicheskikh nauk. Trudy, no. 7)

Classification of systems of prospecting for solid minerals. V. I. Birlukov. Geol. rud. mestorozh. no. 1: 109-121 Ja-F '62.

Effect of the composition of hydrothermal solutions and wall rocks on ore sedimentation in certain tungsten and lead-zinc deposits. A. F. Korzhinskii. Geol. rud. mestorozh. no. 1: 47-62 Ja-F '62.

Metallogenic features of certain elements in geosynclinal areas. G. A. Tvalchrelidze. Izv. AN SSSR Ser. geol. 27 no. 3: 3-16 Mr '62.

Practice of using simple explosives in working ore deposits. E. G. Baranov, V. N. Musinets. Vzryv. delo no. 47/4: 112-117 '61.

Pre-Cambrian metallogeny. N. P. Semenenko. Sov. geol. 5 no. 2: 50-60 F '62.

Role of F. IU. Levinson-Lessing in the development of the study of ore deposits. D. I. Shcherbakov. Izv. AN SSSR, Ser. geol. no. 3: 55-60 Mr '61.

Taking into account geological errors when evaluating mineral reserves. V. P. Gutsevich. Sbor. nauch. trud. KazGMI no. 18: 3-40 '59.

ORE DEPOSITS—ANALYSIS

Semiquantitative drop method for nickel, copper, and zinc from one batch. N. F. Matorov. Zap. LGI 39 no. 2: 145-148 '61.

ORE DEPOSITS—CLASSIFICATION

Genetic classification of surface mineral deposits. I. I. Bok. Sbor. nauch. trud. KazGMI no. 18: 69-80 '59.

ORE DEPOSITS—MAPS

First general metallogenetic map of the U. S. S. R. V. M. Hrushovyi and others. Geol. zhur. 21 no. 6: 5-13 '61.

Principles and methods of compiling detailed prognostic maps of ore zones in postigneous deposits. P. A. Rundkvist. Sov. geol. 5 no. 2: 37-49 F '62.

Principles and methods of compiling prognostic hydrochemical maps of ore deposits. E. I. Belinkova. Sov. geol. 5 no. 1: 104-130 Ja '62.

ORE DRESSING
(see also subdivision under Krivoy Rog Basin, Shamlug; Usol'ye)

Calculating the charge for the production of partly reduced (metallized) ore and coal nodules. A. N. Pokrasnev, A. N. Spektor, E. N. IArkho. Stal' 22 no. 2: 105-107 F '62.

Development and introduction of new methods for the recovery of titanium tetrachloride from chloride gases. V. IU. Kramnik and others. Titan i ego splavy no. 5: 267-272 '61.

Dressing and metallurgical estimate of titanium-magnetite ores. S. M. Buchel'nikov, B. Z. Kudinov, V. A. Kiselev. Titan i ego splavy no. 5: 38-49 '61.

Dressing of leucoxene-siderite sandstones. S. A. Sysoliatin. Titan i ego splavy no. 5: 17-19 '61.

Improving the quality of fluxes and the washing efficiency of dressing limestones. A. V. Anikeev. Gor. zhur. no. 11: 66-68 N '61.

Kinetics and mechanism of the reduction of ilmenite and titanium-magnetite by carbon at sintering temperatures. E. I. Khazanov, B. V. Shul'ts. Titan i ego splavy no. 5: 85-94 '61.

Kinetics of milling two-component mixtures in a ball mill. V. A. Perov, A. A. Vasil'eva. Gor. zhur. no. 7: 69-70 Jl '61.

Lokonov, M. F. [Assaying in ore dressing plants] Opredovanie na obogatitel'nykh fabrikakh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 274 p.

Metallurgical processing of ilmenite concentrates and titanium-magnetites for the purpose of obtaining iron powder and a product with a high titanium content. N. N. Timoshenko and others. Titan i ego splavy no. 5: 68-74 '61.

Protecting vacuum pumps of dressing plants. A. I. Drok. Gor. zhur. no. 11: 75-76 N '61.

ORE DRESSING (Continued)

Results of the discussion of I. A. Mizernitskii's article "Annual output of a mining and ore-dressing combine of the iron-ore industry." Gor. zhur. no. 10,35-36 O '61.

Use of electromagnetic flowmeters to measure the flow of ore pulp. L. M. Korsunskii, L. R. Linetskii. TSvet. met. 35 no. 2:15-22 F '62.

Using nomograms in recalculating parameters of the consistency of pulp. I. P. Shupov. Gor. zhur. no. 12:51 D '61.

Variations in two stages of the milling systems and the method of determining the efficiency of milling equipment. M. P. Bozhko. Gor. zhur. no. 7:66-69 Jl '61.

ORE DRESSING—EQUIPMENT AND SUPPLIES

Comparison of the performance of rake-type and spiral classifiers at the Kivovskiy ore-dressing plant. I. I. Matveev. Gor. zhur. no. 7:74-75 Jl '61.

Experimental testing of centrifuges and ceramic filters for the clarification of commercial titanium tetrachloride. V. Iu. Kramnik, V. I. TSvetkov, E. V. Misheneva. Titan i ego splavy no. 5:273-279 '61.

Further production and use of spiral classifiers. P. L. Tore. Gor. zhur. no. 7:76-73 Jl '61.

Russia (1917- R. S. F. S. R.) Glavnoe upravlenie po snabzheniiu i sbytu produktsii tiazhelogo, traktornogo i stroitel'no-dorozhnogo oborudovaniia. [Ore dressing equipment; a descriptive catalog] Obogatitel'noe oborudovanie, katalog-spravochnik. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 164 p.

ORE DRESSING—HYGIENIC ASPECTS see subdivision under Dzhezkazgan

ORE DRESSING—STUDY AND TEACHING

Interfactory schools for the exchange of progressive practices in the field of controlling technological processes in nonferrous metal ore dressing plants. V. V. Shvostenko, E. V. Adamov. TSvet. met. 35 no. 2:79-80 F '62.

Training seminar for ore dressers in gold mining. I. F. Baryshnikov. TSvet. met. 35 no. 2:80-82 F '62.

ORE DRESSING—TESTING

Testing a metallurgical flowsheet for the treatment of disseminated ores. V. V. Mikhailov, S. V. Shavrin, A. V. Chentsov. Titan i ego splavy no. 5:65-68 '61.

ORE HANDLING

Bascule bridge over the bunker for unloading dump trucks. V. S. Lagovets. Gor. zhur. no. 11:74 N '61.

ORE HANDLING—EQUIPMENT AND SUPPLIES

Improving the parabolic bunker. I. M. Novikov. Gor. zhur. no. 7:76-77 Jl '61.

OREKHOVO-ZUYEVO DISTRICT—ATHLETIC CLUBS

Work of the Orekhovo-Zuyevo District council of the "Urozhai" voluntary sports association. A. A. Volkov. Teor. i prak. fiz. kul't. 24 no. 10:730-745 '61.

OREL—AUXILIARY POLICE

From the experience of voluntary policemen in the city of Orel. G. Cholovenko, D. Gorelov. Sov. iust. no. 3:12-13 F '62.

OREL—RAILROADS—STATIONS

Living sprouts of communism. V. Arkhipenko. Polit. samoobr. 6 no. 2:66-94 F '62.

ORENBURG—HANDBOOKS, MANUALS, ETC.

Borisov, A. IA. [Orenburg; reference book] Orenburg; Spravochnik. [Orenburg] Orenburgskoe knizhnoe izd-vo, 1960. 137 p. [MICROFILM]

ORENBURG—HISTORY

History of the building of the city of Orenburg, the chief center of Russian trade with Central Asia. G. Mikhaleva. Nauch. rab. i znob. Otd. obshchestv. nauk AN Uz. SSR 2:296-304 '61.

ORENBURG—MEDICINE, INDUSTRIAL

In a joint collective. T. Nikolaeva. Okhr. truda i sots. strakh. 5 no. 1:9 Ja '62.

ORENBURG—SILK MANUFACTURE—LABOR PRODUCTIVITY

A brigade of communist labor struggles for the title of enterprise of communist labor. M. S. Berson. Tekst. prom. 21 no. 12:72-73 D '61.

ORENBURG PROVINCE—EDUCATION

Party organizations disseminate the experience of the best teachers. M. Shabanov. Nar. obr. no. 3:16-19 Mr '62.

ORENBURG PROVINCE—PLANTS, EFFECT OF TRACE ELEMENTS ON

Microelements in the steppe and Solonetz-Solonchak vegetation of Orenburg Province. V. D. Kucherenko, V. B. Chernyakhov. Pochvy IUzh. Urala i Povol. no. 4:167-171 '60.

ORENBURG PROVINCE—RUSSIAN NEWSPAPERS

Give attention to organizational work. Part. zhizn' no. 6:70-73 Mr '62.

ORENBURG PROVINCE—SOILS—MAPS

Some problems of large-scale soil mapping in Orenburg Province. V. D. Kucherenko. Pochvy IUzh. Urala i Povol. no. 4:47-48 '60.

ORES—CLASSIFICATION

New genetic classification of textures and structures in ores. S. A. IUshko. Sov. geol. 5 no. 2:100-121 F '62.

ORES—SAMPLING AND ESTIMATION

Accuracy of the spectrum determination of the content of a series of elements in metallometric samples. V. V. Khokhlov, O. A. Grigor'eva, N. IA. Rivilina. Zap. LGI 39 no. 2:143-162 '61.

Experimental radiometric assaying in an antimony mine. V. N. Balashov, A. K. Poliakov. Sov. geol. 5 no. 1:164-169 Ja '62.

ORES, MAGNETIC SEPARATION OF see Magnetic separation of ores

ORGANIC CHEMISTRY see Chemistry, Organic

ORGANIC COMPOUNDS

Hydrogenolysis of sulfur-containing organic compounds on an aluminum-cobalt-molybdenum catalyst. A. A. Rybnikova, L. N. Tits-Skvortsova, E. Nordov. Neftekhimiia 1 no. 1:100-104 Ja-F '61.

Indirect method in the polarographic analysis of organic compounds (survey). IA. I. Turian, V. F. Romanov. Zav. lab. 28 no. 1:5-11 '62.

Nonradiative energy transfer between the triplet and singlet states in organic molecules, discussion of A. N. Terenin and V. L. Ermolaev's report "Inactivation of the triplet state in aromatic molecules." V. L. Ermolaev, E. B. Sveshnikova, D. N. Shigorin. Izv. AN SSSR, Ser. fiz. 26 no. 1:29-31 Ja '62.

ORGANIC COMPOUNDS—SPECTRA

Determination of the structure of organic compounds from proton magnetic resonance spectra. V. F. Bystrov, R. A. Gavar. Zav. lab. 28 no. 1:46-48 '62.

Effect of paramagnetic admixtures on nuclear magnetic resonance spectra of certain organic substances. IU. IA. Shamonin, K. A. Gol'dgammer. Dokl. AN SSSR 140 no. 5:1136-1137 O '61.

ORGANIC MATTER
(see also subdivision under Atlantic Ocean; Baltic Sea; North Sea)

Clay minerals and scattered organic matter in Cretaceous sediments of an eastern trough in the Chinese People's Republic. S. G. Sarkisian and others. Izv. vys. ucheb. zav.; geol. i razv. 4 no. 12:43-48 D '61.

Method of determining the organic carbon in highly mineralized underground waters. A. A. Brodovskaia. Gidrokhim. mat. 34:147-156 '61.

Organic matter in underground waters of the northern part of the European U. S. S. R. V. M. Shvets. Vop. gidrogeol. i inzh. geol. no. 19:41-48 '61.

Study of organic matter in underground waters of the Daghestan A. S. S. R. E. L. Bykova. Vop. gidrogeol. i inzh. geol. no. 19:153-162 '61.

ORGANIC MATTER—MAGNETIC PROPERTIES

Nature of unusual magnetic phenomena discovered in certain organic substances. IA. G. Dorfman. Dokl. AN SSSR 142 no. 4:815-816 F '62.

ORGANOMETALLIC COMPOUNDS

Certain reactions of organic compounds of elements of the group IV catalyzed by aluminum chloride. G. A. Razuvaev and others. Zhur. ob. khim. 31 no. 12:4056 D '61.

ORIENTAL STUDIES—CONGRESSES

First all-Union conference of Oriental scholars. Kh. Ainev. Izv. AN Turk. SSR. Ser. obshchestv. nauk no. 6:95-96 '61.

ORIENTATION

Birds are orienting themselves by the sun. Vokrug sveta no. 4:40 Ap '61.

Effect of verbal instructions on vegetable components of the orienting reflex in various local brain disorders. Report No. 3. Verbal regulation of orienting reactions in frontal lobe disorders. E. D. Khomskaia. Dokl. APN 5 no. 2:103-107 '61.

Effect of verbal instructions on vegetative components of the orienting reflex in various local brain disorders. Report No. 4. Verbal regulation of orienting reactions in disorders affecting the back section of the cerebral hemispheres. M. Klimkovskii. Dokl. APN 5 no. 2:109-113 '61.

ORLIK, CZECHOSLOVAKIA

Orlik spreads its wings. Z. Aleksandrova. Vokrug sveta no. 5:22-23 My '61.

ORNITHOPTERS

Wings for man! A. Shibanov. Tekh. mol. 30 no. 1:16-17 '62.

ORTHODOX EASTERN CHURCH

Christmas message from His Holiness Patriarch Alekseii. Zhur. Mosk. Patr. no. 1:3-4 Ja '62.

Present-day Orthodox Eastern Church and science. V. Kolokov. Voiov. ateist no. 2:11-16 F '62.

Radio address of His Holiness Patriarch Alekseii. Zhur. Mosk. Patr. no. 1:5-6 Ja '62.

Russian Orthodox Church in 1961. A. Kazem-Bek. Zhur. Mosk. Patr. no. 1:27-42 Ja '62.

ORTHODOX EASTERN CHURCH—CLERGY

Decisions of the Holy Synod. Zhur. Mosk. Patr. no. 1:42 Ja '62.

Father Superior Filipp. Zhur. Mosk. Patr. no. 1:22-23 Ja '62.

Obituaries. Zhur. Mosk. Patr. no. 1:23 Ja '62.

ORTHODOX EASTERN CHURCH—LITURGY AND RITUAL

Schmemann, Alexander [Introduction to liturgical theology. Vvedenie v liturgicheskoe bogoslovie. Paris, YMCA-Press, [1961] 247 p.

ORTHODOX EASTERN CHURCH—RELATIONS

Christmas greetings from His Holiness Patriarch Alekseii to the Heads of Christian Churches. Zhur. Mosk. Patr. no. 1:4-5 Ja '62.

Message from His Holiness Patriarch Alekseii to the Third General Assembly of the World Council of Churches. Zhur. Mosk. Patr. no. 1:49-51 Ja '62.

Recollections of a sojourn in the U. S. S. R. Archimandrite Serafim, Ol'ga Rodionova. Zhur. Mosk. Patr. no. 1:10-14 Ja '62.

ORTHOGONAL FUNCTIONS see Functions, Orthogonal

ORTHOPEDIA
(see also subdivision under Mogilev Province)

Role of skeletal traction in some operations on the bones and joints [with summary in English in insert]. F. E. Il'iashberg. Ortop., travm. i protez. no. 12:28-32 '61.

ORTHOPEDIA—HOSPITALS AND INSTITUTIONS

Polyclinical service for traumatological patients. A. M. Dvorkin. Ortop., travm. i protez. no. 12:40-44 '61.

ORTHOPEDIC APPARATUS

Device for spinal traction. IU. A. Akimov. Ortop., travm. i protez. no. 1:69-70 '62.

ORTHOPEDIC SOCIETIES see subdivision under Georgia, Irkutsk; Kiev Province; Kuznetsk Basin; White Russia

ORULGAN RANGE—PALEONTOLOGY, STRATIGRAPHIC

Carboniferous sediments in the western slope of the Orulgan Range (northern Verkhoyansk Range). A. N. Naumov. Sbor. st. po paleont. i biostrat. no. 24:5-12 '61.

OSBORN, HENRY FAIRFIELD, 1857-1935

From the correspondence between M. V. Pavlova and H. F. Osborn. Vest. AN SSSR 32 no. 3:93-94 Mr '62.

OSCILLATIONS

Contribution to the theory of fluctuant transitions of various systems from one steady state to another. P. S. Landa, R. L. Stratonovich. Vest. Mosk. un. Ser. 3: Fiz., astron. 17 no. 1:33-45 Ja-F '62.

OSCILLATIONS—ELECTROMECHANICAL ANALOGIES

Calculation of the oscillation power of a plane-parallel layer. B. I. Stepanov, A. M. Samson. Dokl. AN SSSR 142 no. 6:1282-1284 F '62.

OSCILLATORS, CRYSTAL

Frequency modulation of a quartz oscillator. A. D. Artym, V. V. Volodin. Elektrosviaz' 16 no. 2:32-35 F '62.

Quartz resonators with slotted piezoelements. I. G. Vasin and others. Kristallografiia 7 no. 1:150-152 Ja-F '62.

Using silicon as a crystal analyzer in a high-resolution spectrograph. E. P. Domashevskaia. Izv. AN SSSR, Ser. fiz. 26 no. 3:305-306 Mr '62.

OSCILLATORS, ELECTRIC

Bychkov, S. I., N. I. Burenin, and R. T. Safarov. [Frequency stabilization of UHF generators] Stabilizatsiia chastoty generatorov SVCh. Moskva, Izd-vo "Sovetskoe radio," 1962. 735 p.

Concerning the frequency stability of a two-stage parametric generator. S. A. Akhmanov, IU. E. D'iakov. Elektrosviaz' 16 no. 2:26-31 F '62.

Contribution to the theory of a magneto-gas dynamic oscillator. M. I. Kiselev. Vest. Mosk. un. Ser. 3: Fiz., astron. 17 no. 1:63-68 Ja-F '62.

Effect of the beam of an electron accelerator on its accelerating system. A. I. Baryshev, S. A. Kheifets. Radiotekh. i elektron. 7 no. 3:483-490 Mr '62.

Generator of random pulse successions with a magnetic recorder [with summary in English]. M. G. Kalachev. Aviom. i telem. 23 no. 2:186-189 F '62.

...ILLATOR'S ELECTRON-TUBE
...locking oscillator with an interference stable output ... Ya. Fridyra ... Trudy Gor. politekh. in-ta 21 no. 2 114 '61.
...fficiency of a backward-wave oscillator with decreased ... of the wave along the delay system G. N. Rapoport ... Radiotekh. i elektron. 7 no. 3 464-467 Mr '62.
Kliatskin, Iosif V. A. [Calculation of the performance of ... oscillators] Raschet rezhimov novykh ... generatorov. Moskva, Gos. izd-vo lit-ry po voprosam svyazi i radio, 1961. 48 p. (Lektsii po ... radiotekhniki)
...peration of an oscillator generating pulses with steep ... L. A. Pereverzev. Trudy Inst. Kom. stand., ... prilozh. no. 64 106-120 '61.
...ge of the controlled capacitance of the p-n junction for ... modulation of a crystal controlled self-oscillator. F. G. Serebrenikov. Elektrosviaz' 16 no. 1 26-33 Ja '62.

OSCILLATORS, TRANSISTOR
...ring the calculation of thermal frequency compensation of crystal controlled self-oscillators. A. I. Nikolaev. Elektrosviaz' 16 no. 2 67-69 F '62.

OSCILLOGRAPH
N-105-7 electron-beam oscillograph with a vibrapack [with summary in English]. M. A. Khvedelidze. Trudy Inst. Fiziki AN Gruz. SSR 12:219-227 '61.

OSCILLOGRAPH, CATHODE RAY see Cathode ray oscillograph

OSCILLOGRAPHY
Oscillography and its importance in the clinical diagnosis of goiter. P. N. Farlenko, N. G. Asrilian, V. A. Berezovskaia. Med. zhur. Uzb. no. 6:25-29 Je '60.

OSCILLOMETER
Pickup for measuring the oscillatory state of pressure in the temporal artery. A. M. Mamedov. Dokl. AN Azerb. SSR 17 no. 11:1093-1095 '61.

OSKOL VALLEY—QUARRIES AND QUARRYING
Stone-working shops in the vicinity of Valuek, Oskol Valley. P. I. Borisovskii. Krat. soob. Inst. arkheol. no. 82 104-111 '61.

OSKOL VALLEY—STONE AGE
Stone-working shops in the vicinity of Valuek, Oskol Valley. P. I. Borisovskii. Krat. soob. Inst. arkheol. no. 82 104-111 '61.

OSLIA—HIGHWAY TRANSPORT WORKERS
...trength of an example. A. Tiurin. Avt. transp. 40 no. 2,10-11 F '62.

OSSETIA, NORTH—ANTIQUITIES
Archeological explorations in Northern Ossetia in 1959. V. A. Kuznetsov, O. V. Miloradovich. Krat. soob. Inst. arkheol. no. 84 103-112 '61.

OSSETIA, NORTH—JOINTS (GEOLOGY)
Statistical study of joints in the investigation of ore deposits as revealed by the Fiagdon ore deposit in the central Caucasus. M. A. Savchenko. Geol. zhur. 22 no. 1 92-97 '62.

OSSETIA, NORTH—LAW—STUDY AND TEACHING
Effective work of lecturers on legal problems in North Ossetia. P. Pozin. Sov. iust. no. 4:14 F '62.

OSSETIA, NORTH—ORE DEPOSITS
Statistical study of joints in the investigation of ore deposits as revealed by the Fiagdon ore deposit in the central Caucasus. M. A. Savchenko. Geol. zhur. 22 no. 1:92-97 '62.

OSSETIA, SOUTH—DESCRIPTION AND TRAVEL
[Soviet South Ossetia] Sovetskaia Iugo-Osetiia. Tbilisi, Gos. izd-vo "Sabchota Sakartvelo," 1960. 1 v.

OSSETIC TALES see Tales, Ossetic

OSTEITIS FIBROSA
Parathyroadenectomy in hyperparathyroidism of Recklinghausen. N. F. Khokhlov. Zdrav. Kazakh. 21 no. 10:62-64 '61.

OSTEOMYELITIS
Dynamics of clinical and roentgenological changes in hematogeneous osteomyelitis. N. M. Mosichuk. Nov. khir. arkh. no. 4:32-35 Jl-Ag '60.
Filling of bone cavities with minced muscle tissue in chronic osteomyelitis, experimental clinical research. S. N. Pravednikov. Nov. khir. arkh. no. 4:24-31 Jl-Ag '60.
Importance of the antitoxic function of the liver in treating hematogenic osteomyelitis in children [in Azerbaijani with summary in Russian]. A. M. Alizade. Azerb. med. zhur. no. 11:48-52 N '61.
Results of osteoplastic reconstruction of tibial defects appearing following hematogenic osteomyelitis. V. IA. Mos'kin. Ortop., travm. i protez. no. 1:37-42 '62.
Treatment of acute hematogenous osteomyelitis in children. M. L. Dmitriev. Nov. khir. arkh. no. 4:38-39 Jl-Ag '60.

OSTEOPLASTY see Bone grafting

OSTEOPSATHYROSIS
Mild form of idiopathic fragilitas ossium. P. G. Krivokov. Vest. rent. i rad. 36 no. 6:58-60 N-D '61.

OSTEOTOMY
High oblique subtrochanteric osteotomy in the treatment of ununited medial fractures and pseudarthroses of the femoral neck [with summary in English]. V. M. Lintsman. Vest. khir. no. 2:82-87 '62.

OSTIAKS OF THE YENISEY see Kets

OSTROGRADSKII, MIKHAIL VASIL'EVICH, 1801-1861
Ostrogradskii, M. V. [Complete collection of works in three volumes] Polnoe sobranie trudov v trekh tomakh. Kiev, Izd-vo Akad. nauk USSR.
Vol. 3. 1961. 395 p.

OTOLARYNGOLOGY
Improving outpatient surgical care in otorhinolaryngological service [with summary in English]. I. E. Stklianskin. Vest. otorin. no. 4:47-54 '61.
New anesthetic methods in otorhinolaryngology. A. G. Likhachev. Vest. otorin. no. 1:3-15 '61.
Some characteristics of changes in the otolaryngological organs caused by tumors of the posterior cranial fossa [with summary in English]. N. S. Blagoveshchenskaia. Vest. otorin. no. 4:80-86 '61.
Use of ecmonovocillin with novocaine in the form of drops in certain otorhinolaryngological diseases. Kh. A. Allakarov. Med. zhur. Uzb. no. 9,59 S '61.
Use of intratracheal anesthesia in otorhinolaryngological surgery. A. M. Talyshinskii. Vest. otorin. no. 4:25-29 '61.
Use of local anesthesia in association with neuroplegia in some otolaryngological operations [with summary in English]. I. B. Rimon. Vest. otorin. no. 4:21-27 '61.

OTOLARYNGOLOGY—BIBLIOGRAPHY see Bibliography—Otolaryngology

OTOLARYNGOLOGY—CONGRESSES
Results of the expanded plenum of the board of the All-Union Scientific Society of Otorhinolaryngologists [in Azerbaijani]. M. D. Kazhlaev, A. M. Agadzhanian. Azerb. med. zhur. no. 11:73-75 N '61.

OTORHINOLARYNGOLOGY—EQUIPMENT AND SUPPLIES
Portable luminescent illuminator. IU. N. Efuni and others. Vest. otorin. no. 2:89-90 '62.

OTOSCLEROSIS
Asymmetry of hearing in the prognosis of fenestration of the labyrinth in otosclerosis [with summary in English]. K. L. Khilov, I. M. Belov, O. E. Zakharova. Zhur. ush., nos. i gorl. bol. 20 no. 6:49-53 N-D '60.
Effectiveness of stapes mobilization in the treatment of otosclerosis [with summary in English]. I. A. Zaritskii, V. A. Gaevskii. Zhur. ush., nos. i gorl. bol. 20 no. 6:20-25 N-D '60.
Function of the auditory analyzer following an operation for fenestration of the labyrinth depending on the scope of the operation [with summary in English]. I. V. Svirskii. Zhur. ush., nos. i gorl. bol. 20 no. 5,59-61 N-D '60.
Functional prognosis of the surgical treatment of *otosclerosis* [with summary in English]. K. L. Khilov. Zhur. ush., nos. i gorl. bol. 20 no. 6:7-12 N-D '60.
Late results of direct mobilization of the *stapes* and fenestration of the footplate in otosclerosis [with summary in English]. I. A. Iashan. Zhur. ush., nos. i gorl. bol. 20 no. 5:32-39 N-D '60.
Late results of fenestration of the labyrinth in *otosclerosis* [with summary in English]. I. I. Tomilov. Zhur. ush., nos. i gorl. bol. 20 no. 6:54-59 N-D '60.
New test for the functional prognosis of fenestration of the labyrinth in *otosclerosis* [with summary in English]. V. G. Chalov. Zhur. ush., nos. i gorl. bol. 20 no. 6:45-48 N-D '60.
Results of operations on the stapes in otosclerosis with ossification of the footplate [with summary in English]. A. I. TSyganov. Zhur. ush., nos. i gorl. bol. 20 no. 6:39-45 N-D '60.
State of hearing in otosclerosis at a late period following an operation for indirect mobilization of the stapes [with summary in English]. V. A. Gukovich. Zhur. ush., nos. i gorl. bol. 20 no. 6:25-32 N-D '60.
Surgery of the stapes in otosclerosis [with summary in English]. A. I. Kolomiichenko. Zhur. ush., nos. i gorl. bol. 20 no. 6:12-20 N-D '60.

OTYNYA DISTRICT—PUBLIC PROSECUTORS
Let's struggle against the violation of *socialist* laws. V. TSokur. Rad. pravo no. 1:131-132 Ja-F '62.

OUTER SPACE
Outer space belongs to humanity. G. Pokrovskii. Starsh.-serzh. no. 9:5-6 S '61.

OUTER SPACE—EXPLORATION
Beginning of the conquest of the cosmic space. V. G. Fesenkov. Vest. AN Kazakh. SSR 18 no. 1 14 Ja '62.

OVARIES—CANCER
Thio-TEPA treatment of neglected forms of ... cer. E. D. Anikova, L. M. Belenskaia. Vop. on... no. 2 68-71 '62.
Use of thio-TEPA in advanced malignant tumors of the ovaries [with summary in English]. A. Kh. Besedina ... Vop. onk. 7 no. 2 81-86 '61.

OVARIES—DISEASES
Morphological changes in the ovaries following hyperinflammatory processes in the true pelvis. R. S. Azizova. Med. zhur. Uzb. no. 1:76-82 Ja '62.

OVARIES—TRANSPLANTATION
Effect of neurotrophic substances and denervation of the spleen on the foetal development of ovarian grafts. F. G. Berdnishkov. Vop. onk. 8 no. 2:24-28 '62.

OVARIES—TUMORS
Giant cyst of the ovary. T. M. Kozlov, I. III. Bere... zhur. Uzb. no. 6:61-68 Je '60.
Glazunov, M. F. [Tumors of the ovaries, their ... histogenesis, and pathogenesis] Opukholi iaichnika, ... morfologiia, gistogenez, voprosy patogeneza. ... perer. i dop. [Leningrad] Medgiz, 1961. 333 p. (DNLM)

OVARIES (BOTANY)
Effect of repeated pollination and the time between ... two pollinations on seed ovaries. Chu Ch'ing-l... Agrobiologiia no. 6:901-910 N-D '62.
Nature of the inferior ovary of Umbelliferae and ... problems concerning "the theory of flowers" by ... Pervukhina. Trudy Bot. inst. Sor. ... no. 13:... '61.

OVER, ALEKSANDR IVANOVICH, 1804-1864
Sculpture portrait of A. I. Over. G. Z. Rid... 21 no. 1 82-84 '62.

OXABICYCLOHEPTANEDICARBOXYLIC ACID
PHYSIOLOGICAL EFFECT
Morphological changes in the organs of animals ... influence of the cotton defoliant, endothal. R. I. ... lova, N. I. Smetanina, I. I. Platonova. Med. ... no. 6:32-35 Je '60.

OXADIAZOLE
Synthesis of some amino-1, 3, 4-oxdiazoles. A. ... kov, V. I. Grigor'eva. Zhur. ob. khim. 31 ... 4012-4015 D '61.

OXIDASES
Dehydrogenase, catalase and peroxidase activity of staphylococcal cultures with acquired resistance ... antibiotics from the neomycin group [with summary in English]. A. F. Morozova. Antibiotiki 7 no. 2:141-... '62.
Effect of tetracycline hydrochloride on the catalase and peroxidase activity of the blood in vitro [with ... in English]. N. N. Ostrovskii. Antibiotiki 7 ... Ju '62.
Histochemical study of the oxidizing enzymes ... 45 during sarcolysin treatment. M. A. Preo... onk. 8 no. 2:15-21 '62.

OXIDATION
Alkylphenols and alkylarylphenols as inhibitors of ... autoxidation. P. N. Novikova, M. P. Petunina. ... USSR 6 no. 1 30-41 Ja '62.
Autoxidation of cyclohexylidenecyclohexane. A. I. Chichko, M. G. Nikonenko. Zhidkofaz. okis. ... soed. no. 1 63-72 '61.
Autoxidation of isopropylcyclohexane by atmospheric oxygen. O. V. Stigov, S. V. Zavgorodnii. Zh. ... 32 no. 2:562-567 F '62.
Consecutive order in formation of products in ... phase oxidation of cumene. V. L. Antonovskii, ... Makaieta. Dokl. AN SSSR 140 no. 6:1078-1081 ...
Effect of certain addition elements on titanium ... D. N. Laimer, E. N. Slesareva. TSvet. met. ... 70-70 F '62.
Formation of inhibitor radicals in the oxidation ... propylene. A. I. Buchachenko, M. G. Khleplianina, M. B. Neiman. Dokl. AN SSSR 143 no. 1 140-141 ... '62.
Gas- and liquid phase oxidation of n-butane. ... berg, G. E. Zaikov, N. M. Emanuel'. Neftekhimiia 1 no. 2:235-243 Mr-Ap '61.
High degree of conversion in the oxidation of ... hydrocarbons. L. K. Obukhova and others. Neftekhimiia 1 no. 6:869-874 N-D '61.
Investigating the kinetics of pinocamphone autoxidation. A. I. Chichko, O. A. Iasinskaia. Zhidkofaz. okis. org. soed. no. 1 151-160 '61.
Isomeric transformation of oxidation products of ... α-,β-unsaturated ketones. I. G. Tishchenko. ... okis. nepr. org. soed. no. 1:123-131 '61.
Kinetics of 1,3-cyclohexadiene autoxidation in ... solution. B. V. Erofeev, N. S. Dunitak. Zhidkofaz. ... nepr. org. soed. no. 1:29-37 '61.

OXIDATION (Continued)

Liquid phase oxidation of trans-n-butylideneacetone by molecular oxygen. I.G Tishchenko, L.S Stanishevskii Zhidkofaz.okis.nepr.org soed. no 1 133-143 '61.

Mechanism of copper oxidation at high temperatures D. I. Lainer, E I Krupnikova-Perlina. Trudy Giprotsvetmetobrabotka no. 20 20-27 '61.

"Mechanism of hydrocarbon oxidation in the gas phase" by V IA Shtern Reviewed by V. V Voevodskii Neftekhimiia 1 no 1 124-125 Ja-F '61

Mechanism of isopropylbenzene oxidation in weak-alkaline emulsions. S. D Kaz'min Zhur. prikl khim 35 no. 2-423-429 F '62.

Mechanism of the liquid phase oxidation of aliphatic ketones I. K Obukhova, A. A Boldin, N M Emanuel' Neftekhimiia 1 no 1 70-73 Ja-F '61

Oxidation of the anthracene-phenanthrene fraction in the production of anthraquinone, phthalic and maleic anhydrides. N D. Rustianova and others Koks i khim no 1-47-52 '62

Oxidation of titanium tetrachloride with oxygen. S. G. Moinov, B. N Melent'ev, V. A. Reznichenko Titan i ego splavy no. 5-205-210 '61.

Products and kinetics of cycloheptene autoxidation and the effect of cyclene concentration on the rate of autoxidation A. I. Chirko, N F Uskova. Zhidkofaz. okis. nepr org. soed. no 1-51-62 '61.

Products and kinetics of 1-cyclohexyl-1-cyclohexene autoxidation. A I. Chirko. A A. Mas'ko. Zhidkofaz okis. nepr. org. soed no. 1-39-50 '61.

Products and kinetics of phenylcyclopentane autoxidation. B. V. Erofeev, A I. Chirko, I. I. Urbanovich Zhidkofaz. okis. nepr. org. soed. no. 1 15-27 '61

Radiochemical conversions of organic compounds Report No. 6: Oxidation of propylene by oxygen under the action of fast electrons. B. M Mikhailov, V G. Kiselev Neftekhimiia 1 no 2 267-273 Mr-Ap '61.

Reactivity of Δ-3- and Δ-2-p-menthenes to maleic anhydride and azodicarboxylic esters in comparison with their capacity to autoxidation. K. A Pocheraskaia, R. I Beliakova. Zhidkofaz. okis. nepr org soed no. 1 145-150 '61

Relationship between heat resistance and the coefficients of the kinetic equations of oxidation of chromium steel and chromium nickel steel. A. V. Shneider, G. L Degtiareva. Zhur. prikl. khim 35 no. 2-455-458 F '62.

Selecting fuel for nonoxidizing heating furnaces in high-temperature treatment of metal by pressure A. E Frinov, V N Kostiakov Gaz prom 6 no. 12 20-24 '61.

Studying the products and kinetics of 1-phenyl-1-cyclohexene autoxidation. B. V. Erofeev, A. I. Chirko, I. I. Uskov. Zhidkofaz okis. nepr. org. soed. no 1-3-14 '61.

Synthesis of aliphatic C_8 - C_{10} alcohols by the liquid phase oxidation of paraffins under pressure. V V Kamzolkin and others Neftekhimiia 1 no. 2 244-254 Mr-Ap '61

Titanium oxidation, a review. E. N. Slesareva Trudy Giprotsvetmetobrabotka no. 20 65-80 '61

Transformations of higher aliphatic alcohols during their liquid phase oxidation. V. V Kamzolkin and others. Neftekhimiia 1 no. 5-675-682 S-O '61

OXIDATION, ELECTROLYTIC

Mechanism of rectifying action on an oxidized zirconium electrode. N. G. Bardina, P. D. Lukovtsev. Dokl. AN SSSR 140 no. 5-1102-1105 O '61.

OXIDATION, PHYSIOLOGICAL

Effect of cystamine on endogenous tissue respiration. S. P. Marinenko. Radiobiologiia 1 no. 6-903-904 '61

OXIDATION-REDUCTION REACTION

Electron paramagnetic resonance method used in studying the mechanism of radiation oxidation and reduction V. A. Lazin, A. D. Grishina, N. A Bakh. Dokl. AN SSSR 142 no. 4 847-850 F '62

Oxidation-reduction potential and the pH of sediments in the northeastern part of the Pacific Ocean [with summary in English]. F. A. Romankevich, N V Petrov Trudy Inst. okean 45 72-85 '61

OXIDES

Interaction of the vapors of aluminum and iron chlorides with calcium and magnesium oxides. V. A. Il'ichev, A. M. Vladimirova. Titan i ego splavy no. 5-239-244 '61.

Oxide inclusions in iron-vanadium alloys V. A. Mchedlishvili, A. M. Samarin Dokl AN SSSR 143 no. 1-159-161 Mr '62

OXONIUM ION

Hydroxonium ion in amphibolites [with summary in English]. I. V. Ginzberg, G. V. IUkhnevich. Geokhimiia no. 1-30-36 '62.

OXYCELLULOSE—THERAPEUTIC USE

Use of gauze from neutralized oxycellulose in dispensary and clinical practice. S. K. Udalov. Voen.-med. zhur no. 3-85-82 Ag '61.

OXYGEN

Centralization of the supply of oxygen and gaseous anesthetics in the operating room. A. IU Pashchuk, Ortop., travm. i protez. no. 12, 46-16 '61

Effect of oxygen on the electric properties of titanium nitride G V Samsonov and others Dokl. AN SSSR 142 no. 1 862-865 F '62

Effect of oxygen on the photoluminescence of lead sulfide films. L. N Galkin, L N Kurbatov Opt. i spektr 12 no. 1, 95-98 Ja '62.

Electrode processes and the effect of oxygen in the electrolytic deposition of niobium from potassium fluoniobate. L. E. Ivanovskii, M. T Krasil'nikov. Trudy Inst. elektrokhim. UFAN SSSR no. 1, 49-54 '60.

Investigating the interaction of titanium tetrachloride with oxygen. L. N. Shchegrov Titan i ego splavy no. 5-211-219 '61

Reaction of lead selenide with oxygen. V P Zlomanov, A. V Novoselova Dokl AN SSSR 143 no 1 115-118 Mr '62

Use of oxygen in the open-hearth process abroad. E. A. Grekov Biul tekh.-ekon. inform no. 1 85-87 '62

OXYGEN—ISOTOPES

Single-particle levels in O^{17} and F^{17} nuclei on the assumption of a strong coupling of the nucleon and core with the tetrahedron symmetry [with summary in English]. Z. Matthiz, V. G. Neudachin, IU F. Smirnov. Zhur. eksp. i teor. fiz. 42 no. 2-502-506 F '62

OXYGEN—THERAPEUTIC USE

Oxygen therapy for diseases of the peripheral nervous system G. L. Kostovetskii. Voen.-med. zhur no 8 83 Ag '61

OXYGEN COMPOUNDS

Gas-liquid chromatographic analysis of complex mixtures of oxygen compounds. R A. Kalinenko, N. N. Naimushin Neftekhimiia 1 no. 1 117-120 Ja-F '61.

Investigation of neutral oxygen compounds of light fractions of peat tar, K. V. Grigor'eva, N. M. Karavaev. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 1, 184-187 Ja-F '62.

OXYGEN IN THE BODY

Effect of high degrees of atmospheric rarefaction on oxygen tension in the brain tissues. E. A. Kovalenko Fiziol zhur. 48 no. 2-150-158 F '62.

OXYGEN THERAPY

Oxygen therapy in some skin diseases. U. K. Belukha. Med. zhur Uzb. no. 9-31 S '61

OXYTETRACYCLINE

Biosynthesis of oxytetracycline at increased temperatures [with summary in English]. I. G. Pivniak Antibiotiki 7 no. 1-23-27 Ja '62

Increased body resistance to carbocholine under the influence of repeated administrations of oxytetracycline [with summary in English] A. V. Loginov, A. M. Dumova Antibiotiki 6 no 12-1079-1082 D '61.

Oxidation-reduction properties and virulence of staphylococci sensitive and resistant to oxytetracycline [with summary in English] S. G. Smirnov. Antibiotiki 6 no. 12-1114-1117 D '61.

OZOCERITE

Using applications of Borislav ozocerite in scar infiltration in patients operated on for goiter. V. M Udod. Nov khir. arkh. no. 1-122 Ja-F '60.

PACIFIC OCEAN—CONGRESSES

At the congress in Honolulu. A A. Guber. Vest. AN SSSR 32 no. 3-69-74 Mr '62.

Tenth Pacific Science Congress. L. S Bogdanov. Okeanologiia 2 no. 1-185-188 '62.

PACIFIC OCEAN—COPEPODA

Biometric analysis of the morphological variability of Calanus pacificus Brodsky (Copepoda). K A. Brodskii Dokl AN SSSR 142 no 6 1416-1419 F '62

PACIFIC OCEAN—FISHERIES

Sixth Plenum of the Commission for Fishery Research in the western part of the Pacific Ocean N M Saburenkov. Ryb. khoz. 38 no 2-77-81 '62.

PACIFIC OCEAN—FISHES, DEEP-SEA

Distribution of deep-sea fishes in the upper layer of bathy pelagic zone in sub-Arctic waters of the North Pacific [with summary in English] N. V. Parin. Trudy Inst okean. 45-259-278 '61.

PACIFIC OCEAN—FORAMINIFERA

Quantitative distribution of bottom foraminifers in the northeastern part of the Pacific Ocean [with summary in English]. Kh. M. Saidova Trudy Inst. okean. 45-65-71 '61.

PACIFIC OCEAN—HYDROLOGY

Hydrological conditions in the northeastern part of the Pacific Ocean during the summer and winter of 1958-59 [with summary in English] V. A. Shirei. Trudy Inst okean 45 66-97 '61.

PACIFIC OCEAN—OCEAN CURRENTS

Characteristics of the circulation of intermediate waters in the northern part of the Pacific Ocean [with summary in English]. K. A. Chekotillo. Trudy Inst. okean 45 113-122 '61.

Relationship between the transparency of water and currents in the northeastern part of the Pacific Ocean [with summary in English] M V Kozlianinov, I M Ovchinnikov Trudy Inst. okean 15 102-112 '61.

Vertical motions of water near the Pacific Coast of North America [with summary in English] K A Chekotillo Trudy Inst okean 45 123-129 '61

PACIFIC OCEAN—OCEAN TEMPERATURE

Some details of the thermal structure of the surface layer of water in the ocean [with summary in English] P P. Ganson Trudy Inst okean 15 98-101 '61

PACIFIC OCEAN—OCEANOGRAPHIC RESEARCH

Introduction. Trudy Inst okean. 15 3-4 '61.

PACIFIC OCEAN—PHYTOPLANKTON

Specific composition of phytoplankton and primary production in the northeastern part of the Pacific Ocean during the winter of 1958-59 [with summary in English] O I Kohlents-Mishke. Trudy Inst okean 45 172-189 '61

PACIFIC OCEAN—POLYCHAETA

Quantitative distribution of benthic deep-sea fauna in the northeastern part of the Pacific Ocean [with summary in English]. Z A Filatova, R IA. Levenshtein Trudy Inst okean 45 190-213 '61.

Quantitative distribution of polychaetes in the northern part of the Pacific Ocean [with summary in English] R. IA Levenshtein. Trudy Inst okean 45 214-222 '61.

PACIFIC OCEAN—SEA-PENS

Recent data on the species and distribution of deep-sea pennatularians of the genus Kophobelemnon in the northern part of the Pacific Ocean [with summary in English] F A Pasternak Trudy Inst. okean. 45 210-258 '61.

PACIFIC OCEAN—SEA WATER—COMPOSITION

Some features of the chemistry of waters in the northeastern part of the Pacific Ocean according to observations made in the winter of 1958-59 [with summary in English]. D A Sinetunin Trudy Inst okean. 15-130-141 '61

PACIFIC OCEAN—SEDIMENTATION AND DEPOSITION

Bottom deposits in the northeastern part of the Pacific Ocean [with summary in English] N S. Skornikova. Trudy Inst okean. 15-22-64 '61.

PACIFIC OCEAN—SEDIMENTS (GEOLOGY)

Oxidation-reduction potential and the pH of sediments in the northeastern part of the Pacific Ocean [with summary in English]. E. A. Romankevich, N V Petrov. Trudy Inst okean. 15 72-85 '61

PACIFIC OCEAN—SIPHONOPHORA

Distribution of ecological forms of Velella lata Ch. and Eys. and Physalia utriculus (in Martinière) Esch. in the North Pacific [with summary in English]. A. I. Savilov. Trudy Inst. okean 45 223-239 '61

PACIFIC OCEAN—SKIPPER (FISH)

Food of the young of Cololabis saira [with summary in English] E A Lubny-Gertsyk Trudy Inst okean 45 279-283 '61.

PACIFIC OCEAN—SUBMARINE TOPOGRAPHY

Recent data on the bottom relief of the northeastern part of the Pacific Ocean [with summary in English] N. I. Zenkevich. Trudy Inst okean. 45 5-21 '61.

PACIFIC OCEAN—ZOOPLANKTON

Zooplankton in the northeastern part of the Pacific Ocean in the winter of 1958-59 [with summary in English]. K. V. Beklemishev Trudy Inst. okean. 45 142-171 '61.

PACINIAN BODIES

Local and spreading potentials of individual mechanoreceptors (Vater-Pacini bodies) O. B Il'inskii. Dokl. AN SSSR 142 no. 2, 486-490 Ja '62

PACKAGING

The toys are good, what about the packaging? V. Golovanov. Mest prom i khud. promys 3 no. 1 13 Ja '62.

PACKED TOWERS

Modeling of chemisorption processes taking place in countercurrent packed columns. N. A. Gol'dberg, V. I. Kucherlavyi. Dokl. AN SSSR 142 no. 5-1134-1136 F '62.

PACKING HOUSES

(see also subdivision under Chardzhou)

Arched meat combine. N Mitrofanov. Mias. ind. SSSR 32 no. 6-20-30 '61.

PAGANINI, NICOLO, 1782-1840

Pal'min, A. G. [Nicolo Paganini, 1782-1840; a brief biographic sketch] Nikkolo Paganini, 1782-1840; kratkii biograficheskii ocherk. Leningrad, Gos. muzykal'noe izd-vo, 1961. 64 p. (Knizhka dlia liubnoshestva)

PAIN

Clinical significance of studying skin pain sensitivity in some diseases of the internal organs. E. Sh. Khalfen. Azerb. med. zhur. no. 11-22-27 N '61.

PAINT INDUSTRY see subdivision under Kishinev, Leningrad

PAINTERS see subdivision under France

PAINTERS, ARMENIAN

Critical evaluation of Martiros Sar'ian's creative development [in Armenian with summary in Russian] V A Manukian Izv akad nauk Arm SSR, ser fiziko-matem i estestv nauk no 3/4 133-148 '61

PAINTERS, WHITE RUSSIAN

An exhibition of A. Volkov's works. M. Novikava. Belarus' 13 no 2 14 F '62

PAINTING

(see also subdivision under Kazakhstan)

Bellutin, E. M. [Elements of the fine arts] Osnovy izobrazitel'noi gramoty Izd 2 , dop Moskva, Izd-vo "Sovetskaia Rossiia," 1961 228 p

PAINTING, INDUSTRIAL

Bot, K. A. [Painter's handbook] Pamiatka maliara. Pod obshchel red. V. I. Makarova [Leningrad] Lenizdat, 1961 65 p. (V pomoshch stroiteliu)

Finishers are working in a new way. A. Kriklivii, A. Novatskii Stroi i arkhit 9 no 12 21-22 D '61

Over-all mechanization of painting. N. Medzmariashvili, B Kushnirovich Stroi i arkhit. 9 no 12 20 D '61

Paint and varnish coatings used in machinery manufacture S Z Frorer Mashinostroenie no 1 70-72 Ja-F '62

Zavrazhin, N. M , and N. N. Zavrazhin [Painting] Maliarnye raboty Izd 5., ispr. i perer. Moskva, Vsee uchebno-pedagog izd-vo Proftekhizdat, 1961 354 p.

PAINTING, INDUSTRIAL—EQUIPMENT AND SUPPLIES

Ivanov, V. P. [Materials used for painting, wallpaper hanging and glass work] Materialovedenie dlia maliarov. Moskva, Vsee uchebno-pedagog. izd-vo Proftekhizdat, 1961 114 p

PAINTING, INDUSTRIAL—SAFETY MEASURES

Vert, L. V [Instructions on safety engineering for painters] Pamiatka po tekhnike bezopasnosti dlia maliara Izd 3 Moskva, Gos izd-vo lit-ry po stroit arkhit i stroit. materialam, 1961 15 p (Tekhnika bezopasnosti)

PAINTING, UKRAINIAN

Zatenats'kyi, IA. P. [Soviet Ukrainian painting] Ukrains'kyi radians'kyi zhyvopys. Kyiv, 1961. 33 p illus. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR Ser 8, no. 24)

PAINTINGS

(see also subdivision under Leningrad)

[Russian paintings in museums of the R. S. F. S. R.] Russkaia zhivopis' v muzeiakh RSFSR Moskva, Gos. izd-vo izobraz iskus. (Khudozhestvennye sokrovishcha SSSR)

Vol. II, 1961 [16] p. 49 plates.

PAINTINGS—EXHIBITIONS

Bright colors of life. Semlia i shkola 17 no. 1 16,33 Ja '62.

Personifying the truth of life. F. Shaposhnikov Iskusstvo 25 no. 1 13-17 '62.

PALACES see subdivision under Gomel'

PALATE—DISEASES

Myoclonia of the soft palate and vocal cords. V. M. Demidovich, N. IA. Rol'nik. Med zhur. Uzb. no 9;64-65 S '61.

PALATE, CLEFT see Cleft palate

PALEOBOTANY

(see also subdivision under Caucasus, Northern; Kama Valley, Kostenki region; Volgograd region)

Forest clearance and agriculture during the Stone Age according to modern experiments and pollen analysis. R. V Fedorova. Sov arkheol. 6 no. 1,253-257 '62.

Hornwort in tertiary deposits. G. S. Avakov. Priroda 51 no 2-118 F '62

PALEOBOTANY, STRATIGRAPHIC see subdivision under Donets Basin; Karaganda Basin; Sikhote-Alin' Range; Talysh Mountains; Volga-Ural region

PALEOGEOGRAPHY see subdivision under Far East

PALEONTOLOGICAL RESEARCH

Paleolithic expedition of the Scientific Research Institute and Museum of Anthropology of Moscow State University in 1959 to 1960. M. D. Gvozdover. Vop. antr. no. 7; 143-145 '61.

PALEONTOLOGICAL SOCIETIES

Resolutions of the 7th Session of the All-Union Paleontological Society, January 24-28, 1961. Sov. geol. 5 no. 1:176-177 Ja '62.

PALEONTOLOGY see subdivision under Crimean Mountains

PALEONTOLOGY—DICTIONARIES

Sultanov, K. M. [Brief paleontologic dictionary] Kratkii paleontologicheskii slovar' Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1961 209 p.

PALEONTOLOGY, STRATIGRAPHIC

(see also subdivision under Carpathian Mountains, Kuban-Azov Lowland, Orulgan Range; Podolia, Rakhov District; Zeya-Bureya Plain)

Leningrad. Vsesoiuznyi geologicheskii institut. [Paleontology and stratigraphy] Paleontologiia i stratigrafiia; sbornik statei. Moskva, Gos. izd-vo geol lit-ry, 1952. 254 p. (Its Trudy)

PALLADIN, ALEKSANDR VLADIMIROVICH, 1885-

Utevskii, A. M. Aleksandr Vladimirovich Palladin 2., dop. izd. Kiev, Izd-vo Akad. nauk USSR, 1961. 74 p

PALYGORSKITE see subdivision under Cherkassy Province

PALYNOLOGY

Work of the Palynological Committee of the All-Union Botanical Society from November 1959 to August 1961. L. A. Kuprianova, D. B. Arkhangel'skii. Bot. zhur. 47 no. 1:155-158 Ja '62.

PAMIRS

A trip to the "roof of the world." B. Zhutovskii. Vokrug sveta no 3:57-60 Mr '61.

PAMIRS—BLOOD GROUPS

Blood group distribution among the population of the Pamirs G L Khit' Vop antr no 8,107-115 '61

PAMIRS—GEOLOGY, STRUCTURAL

Dislocation of Permian-Triassic facies complexes along the fractures of the southeastern Pamirs S. V Ruzhentsev Dokl. AN SSSR 143 no 1 196-200 Mr '62.

PAMIRS—PLANTS, EFFECT OF LIGHT ON

Photoadaptation and photoreactivation of plants in the mountains [with summary in English] A. A. Shakhov and others. Bot. zhur. 47 no 1:68-70 Ja '62.

PAMIRS—TURNIPS

Effect of temperature conditions on the growth and development of turnips in the Pamirs. E. G. Kirillova Izv. Otd. sel'khoz. i biol. nauk AN Tadzh. SSR no 3:20-28 '61.

PANCH, PETRO, 1891-

Academic Conference on the Works of P I. Panch. L. H. Bykova, P. IA Leshchenko Rad lit 6 no. 2,153-154 Mr-Ap '62.

PANCREAS

Functional state of the pancreas in patients with ulcers. O. G. Gogiberidze. Soob AN Gruz SSR 27 no. 6:785-791 D '61.

PANCREAS—DISEASES

Calculous pancreatitis with massive calcification of the gland. A. M. Sokolovskii. Vrach. delo no. 1:142-145 Ja '62.

Diagnosis of a surgeon's tactics in the destructive forms of pancreatitis. V. I. Serga. Nov. khir. arkh. no. 1, 19-24 Ja-F '60.

Diagnosis of acute pancreatitis. A. G. Sharafeev. Nov. khir arkh. no. 2;58-61 '62.

Functional and histochemical changes in the pancreas in diseases and following surgery of the liver, gall bladder stomach and pancreas (survey of Soviet and foreign literature) L. P. Volkova. Vest khir. no. 2;129-139 '62

Pathogenic treatment of acute pancreatitis. G. M. Nikolaev Sov. med. 25 no. 12;21-25 D '61.

Surgeon's tactics for stones in the pancreas. A. N. Machabeli. Nov. khir. arkh. no. 1;12-18 Ja-F '60.

Two observations of cysts of the pancreas. I. P. Loboda. Nov. khir. arkh. no. 2;73-74 '62.

Two observations of cysts of the pancreas developing after pancreatitis. A. E. Cheban. Nov. khir. arkh. no 2;72-73 '62.

PANCREAS—HERNIA

Isolated rupture of the pancreas in a blunt injury to the abdomen. N. P. Shostia, B. E. Strel'nikov. Nov. khir. arkh. no. 1-110-111 Ja-F '60.

PANCREAS—INNERVATION

Asymmetry in the innervation of the pancreas and its practical significance. K. I. Chislovskii. Nov. khir. arkh. no. 1-24-27 Ja-F '60.

PANCREAS—NECROSIS

Late secondary hemorrhage following surgery in necrosis of the pancreas. IU. I. Diukov. Nov. khir. arkh. no. 1:108-110 Ja-F '60.

PANCREAS—SECRETIONS

Exocrine function of the pancreas after a stomach and duodenum resection by Petrushinskii's method. IU. Khaimov. Med. zhur. Uzb. no. 11:56-58 N '61.

Pancreatic function in cardiac diseases. I. V. Kozlovskii. Zdrav. Bel. 7 no. 6;32-34 Je '61.

PANCREAS—SURGERY

Diagnosis and excision of calculi in the pancreas. A. G. Karavanov, L. N. Popov, V. M. Volchek. Kaz. med. zh r. no 6;58-59 N-D '61.

Method for pancreatoduodenal resections M. I Izrailov Nov. khir. arkh. no 1-107-108 Ja-F '60.

Methods for managing the stump of the pancreas in resections of it [with summary in English] V. M. Fetisov Khirurgiia no 2 101-107 '62

PANCREAS—TUMORS

Case of a pancreatic cyst in a 2 1/2 year-old child. L. I. Lededeva. Nov khir arkh. no 1 111-112 Ja-F '60

Case of epilepsy with multiple insulomas of the pancreas Vop. palkh. no. 4;100-105 '60.

Hypoglycemic diathesis caused by adenomata of the islands of Langerhans M. F. Kamanov, N. R. Kopyatkinskii Nov. khir. arkh. no 2,16-21 '62

PANCREAS—WOUNDS AND INJURIES

Closed injury of the abdomen with rupture of the head of the pancreas and the common bile duct. D. M. Borovyi, M. G. Khimich, A. I. Romaniuk Nov. khir. arkh no 2 67-68 '62

PANOVA, VERA FEDOROVNA, 1905-

Fradkina, S. IA. [In the world of Vera Panova's heroes; a creative portrait of the author] V mire geroev Very Panovoi; tvorcheskii portret pisatel'nitsy. [Perm'] Permskoe knizhnoe izd-vo, 1961 240 p.

PANTOTHENIC ACID

Pantothenic acid in the treatment of some forms of skin diseases V. F. Maksimov Voen.-med zhur no 8;62 Ag '61

PAPER—ELECTRIC PROPERTIES

Electronic measures of the density of the charge on paper. F. A. Anokhin. Nauch. trudy MPI no 12;257-262 '60.

PAPER—TESTING

New method of conducting chemical investigations using spot reactions on ordinary writing paper and blank paper. V. IA. Mavtovskaia. Nauch. trudy MPI no. 12 89-91 '60.

PAPER CHROMATOGRAPHY

Use of paper chromatography in the study of antibiotics N O Blinov, A. S. Khokhlov Antibiotiki 7 no 2 187 191 F '62

PAPER ELECTROPHORESIS

Electrophoretic study of protein and lipid fractions of blood serum in chronic nonspecific pneumonia V. V Saperov. Kaz. med. zhur. no. 4;26-31 Jl-Ag '61

PAPER HANGING

Ivanov, V. P. [Materials used for painting, wallpaper hanging and glass work] Materialovedenie dlia maliarov. Moskva, Vsee. uchebno-pedagog. izd-vo Proftekhizdat, 1961. 114 p.

PAPER INDUSTRY

Vsesoiuznyi Sovet narodnogo khoziaistva. [Innovations in woodpulp and paper production] Novoe v tsellulozno-bumazhnom proizvodstve. [Leningrad] 1960. 211 p. [MICROFILM]

PAPILIONACEAE see subdivision under Krasnoyarsk Territory

PARACHUTE TROOPS

Aleksandrov, V. E. [Incident in the air] Sluchai v vozdukhe. Moskva, Voen. izd-vo M-va oborony SSSR, 1961. 31 p. (Biblioteka soldata i matrosa)

Bravery, courage, skill. K. Timergaliev. Voen. vest 41 no. 10,66-68 O '61.

PARACHUTES

Developer of parachute equipment. K. Petrov. Kryl. rod. 12 no. 10;22 O '61

PARACRUTING

(see also subdivision under Kalinin; Vladimir)

Crop of records. I. Lisov. Kryl. rod. 13 no. 1;10-12 Ja '62.

Voluntary instructor Viacheslav Manoshin. G. Tomilin. Kryl. rod. 13 no. 1,10 Ja '62.

PARACHUTISTS

Always in combat readiness. K. Pershikov. Voen. vest 41 no. 10 65 O '61.

PARAFFIN WAX

Isomerization of hydrocarbons of petroleum paraffin wax L. G. Zherdeva and others. Neftekhimiia 1 no. 5;639-647 S-O '61.

PARAFFINS

Composition of alcohols obtained by the direct oxidation of paraffins under industrial conditions. V. V. Kamzolkin, A. N. Bashkirov, S. A. Lodzik. Neftekhimiia 1 no. 2; 260-266 Mr-Ap '61.

Determination of normal paraffin hydrocarbons in gasolines with the aid of molecular sieves. I. N. Kvitkovskii, E. V. Grushetskaia. Khim. i tekh. topl. i masel 7 no. 3;61-64 Mr '62.

PARAFFINS (Continued)

Isomerization of paraffin hydrocarbons [in Azerbaijani with summary in Russian] M. A Mardanov, S. A Sultanov. Azerb. neft khoz. 40 no 8 37-39 Ag '61

Kinetics of dehydrogenation of C_6 - C_8 alkanes on an alumino-chromium catalyst Al. A. Petrov. Neftekhimiia 1 no.5;604-609 S-O '61

Molecular sieve method for determining the composition of methane hydrocarbons of a normal structure in gasoline fractions. S. N. Pavlova, Z. V. Driatskaia, M. A Mkhchitian. Khim. i tekh. topl i masel 7 no 3;58-60 Mr '62.

Radiolysis of alkanes adsorbed on semiconductor catalysts. A. V. Topchiev and others. Neftekhimiia 1 no 1 105-116 Ja-F '61

Synthesis of aliphatic C_6 - C_{10} alcohols by the liquid phase oxidation of paraffins under pressure V. V. Kamzolkin and others. Neftekhimiia 1 no 2,244-254 Mr-Ap '61.

Vital problem of the petroleum industry. R. A. Maksutov, R. A. Abdullin. Neftianik 7 no.1 10-11 Ja '62

PARAFFINS—SPECTRA

Exoisteraction band in the spectra of diphenylalkane salts with NO_2 and OH in different nuclei V. A. Glushenkov, V. A. Izmail'skii Dokl. AN SSSR 142 no 4 820-823 F '62.

PARALLEL BARS

Electrophysiological study of exercises prerequisite to mastering the straight hand balance on parallel bars. A. G. Vasil'ev. Teor i prak. fiz. kul't. 24 no. 10;757-760 '61.

PARALYSIS

Nonarsenical treatment of progressive paralysis and syphilis of the brain. A. S. Kosov. Vop. psikh no 4: 254-257 '60.

PARALYSIS, INFANTILE see Poliomyelitis

PARALYSIS, SPASTIC

Method for examining patients with cerebral spastic paralysis. E. P. Mezhenina Ortop , travm i protez. no. 1:78-80 '62.

PARAMAGNETIC RESONANCE AND RELAXATION

Analysis of the shape of the line of electron paramagnetic resonance applied to studying the density distribution of unpaired electrons in anions of certain polymers S. P. Solodovnikov, V. V. Voevodskii Opt. i spektr. 12 no. 1;32-36 Ja '62.

Electronic paramagnetic resonance and spin-lattice relaxation of an Er^{3+} ion in a CdF_2 single crystal. G. M. Zverev and others. Fiz. tver. tela 4 no. 2;392-395 F '62.

Frequency spectra of double electron-nuclear spin-resonance on paramagnetic defects in crystals. V. IA. Zevin. Fiz. tver. tela 4 no. 2,478-484 F '62.

Measuring the spin-lattice relaxation time in supercooled Ti^{3+} solutions by the progressive saturation method. Fiz. tver. tela 4 no. 1;96-98 Ja '62.

Optical and electronic paramagnetic resonance spectra of Yb^{3+} ions in cadmium ferrate. V. K. Koniukhov, P. P. Pashinin, A. M. Prokhorov. Fiz. tver. tela 4 no. 1;246-248 Ja '62.

Photochromism and electronic paramagnetic resonance in α- (o, n-dinitrobenzyl)-pyridine. B. M. Kuindzhi and others. Opt. i spektr. 12 no. 2;220-223 F '62.

Relaxation times of Cr^{3+} and Fe^{3+} ions in rutile single crystals. A. A. Manenkov, V. A. Milinov, A. M. Prokhorov. Fiz. tver. tela 4 no. 2;388-391 F '62.

Theory of electron paramagnetic resonance in solutions. R. Kh. Timerov. Dokl. AN SSSR 142 no. 4;870-873 F '62.

Theory of nuclear resonance in paramagnetic media. Part 2: Spin-lattice relaxation [with summary in English]. K. A. Valiev, R. Kh. Timerov. Zhur. eksp. i teor. fiz. 42 no. 2;597-599 F '62.

PARAMETRIC AMPLIFIERS

Application of the "reflection factor" concept to the theory of a magnetostatic ferrite amplifier. A. A. Pistol'kors. Radiotekh. i elektron. 7 no. 3;416-428 Mr '62.

PARANOIA

Clinical characteristics of reactive paranoias. V. D. Dzhimsheleishvili. Probl. sud. psikh. 9;184-190 '61

PARASITES—BIRDS see subdivision under Dniester Valley

PARASITES—DORMICE

A new coccidian species from the edible dormouse Glis glis (1766). M. A. Musaev, A. M. Veisov. Dokl. AN Azerb. SSR 17 no. 11;1085-1088 '61.

PARASITES—DUCKS

Garkavi, B. L. [Measures against helminthiasis of ducks] Mery bor'by s gel'mintozami utok. Moskva, Izd-vo sel'khoz. lit-ry zhurnalov i plakatov, 1961. 81 p. (DA)

PARASITES—FISHES

Taxonomy of trematodes of the genus Azygia found in fishes of the U. S. S. R. [with summary in English] M. G. Petrushevskaia Vest. LGU 17 no. 3;79-82 '62

PARASITES—INSECTIVORA

Materials on the gamasid mites of insectivores and rodents of the upper Dniester Basin M. P. Rudyshyn, O. M. Bilokon' Nauk zap Nauk.-pryrod muz. AN URSR 9 61-68 '61.

PARASITES—INSECTS, AQUATIC

Helminth larvae in aquatic insects of the Northern Donets River and its bottom-land bodies of water. N. N Shevchenko. Dokl AN SSSR 142 no 4 972-975 F '62.

PARASITES—MOLLUSKS

Larvae of trematods of terrestrial molluska in the western provinces of the Ukraine V I Zdun. Nauk zap Nauk.-pryrod muz. AN URSR 9 35-41 '61.

PARASITES—RODENTIA

Materials on the gamasid mites of insectivores and rodents of the upper Dniester Basin M. P. Rudyshyn, O. M. Bilokon' Nauk zap Nauk.-pryrod muz. AN URSR 9 61-68 '61.

PARASITES—SWINE

Morphology of larval stages in Oesophagostomum dentatum parasitic in domestic swine [with summary in English]. L. P. Pohrebniak. Dop. AN URSR no. 1,128-130 '62.

PARASYMPATHOLYTICS

Influence of cholinolytics chiefly with central action, on the conditioned reflex activity in rabbits [with summary in English]. P. P. Denisenko. Zhur. vys nerv. deiat. 11 no. 4;730-737 Jl-Ag '61.

Quateleron and fubromegan in the treatment of peptic ulcer [with summary in English] TS. G. Masevich, V. N. Tugolukov. Terap. arkh. no. 12,68-76 '61.

Use of mespenal and metacin in peptic ulcer and bronchial asthma. I. V. Ol'. Kaz. med. zhur no. 4;39-40 Jl-Ag '61.

PARATHYROID GLANDS—DISEASES

Treatment of hypothyreosis and hypoparathyreosis. A. K. Gorchakov, A. P. Stepanenko, N. V. Romashkan. Nov khir. arkh. no. 1;39-41 Ja-F '60.

PARATHYROID GLANDS—TUMORS

Parathyroadenomectomy in hyperparathyroidism of Recklinghausen. N. F. Khokhlov Zdrav. Kazakh. 21 no. 10; 62-64 '61.

PARATYPHOID FEVER

(see also subdivision under Tashkent Province)

Antimicrobial activity of furazolidone and antibiotics in experimental paratyphoid infection [with summary in English]. L. Alekseeva. Izv. AN Latv. SSR no. 12; 95-00 '61.

Typhoid-paratyphoid-tetanus chemically sorbed vaccine. (Experimental study, reactogenic properties, epidemiological effectiveness) [with summary in English]. L. B. Kheifets and others. Zhur. mikrobiol , epid. i immun. 32 no. 9;18-25 S '61.

PARENT AND CHILD

Daily schedule. A. Khudolei, N. Polinkova. Sem'ia i shkola 17 no. 2 9, 18-19 F '62.

Editor's mail. V. Novikov and others. Sem'ia i shkola 17 no. 3;34-36 Mr '62.

Pride of a working family. S. Abramov, M. Kononov. Sem'ia i shkola 17 no. 2;13-14 F '62.

PARENTERAL THERAPY

Biochemical principles for parenteral feeding. A Smidts, J. Kremers. Izv. AN Latv SSR no. 12;61-66 '61.

PARIS—EXHIBITIONS

The 48th Automobile Exhibition in Paris. L. Afanas'ev. Avt. transp 40 no. 2;59 F '62.

PARKHOMENKO, OL'HA

Her wonderful violin is her visa to foreign countries. L. Levit. Ukraina no. 5;5 Mr '62.

PAROLE

Release on parole. O. Selezn'ov. Rad. pravo no. 1;118-123 Ja-F '62.

PAROTID GLANDS—INNERVATION

Changes in the sensitivity of the parotid glands to pilocarpine following their denervation. Zd. Martínek. Fiziol. zhur. 48 no. 1;47-54 Ja '62.

PAROTID GLANDS—RADIOGRAPHY

X-ray image of the duct of Steno in the different variations of its course. V. F. Vil'khovoi Vest. rent. i rad. 36 no. 6;72-73 N-D '61.

PARQUET FLOORS

Akademiia stroitel'stva i arkhitektury SSSR. Institut stroitel'nykh konstruktsii. [Temporary instructions on the manufacture of glued parquet boards] Vremennye ukazaniia po izgotovleniiu kleenykh parketnykh dosok. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 29 p.

PARSNIPS

Flavonoids of paranip fruit (Pastinaca sativa L.). N. P. Maksiutina, D. G. Kolesnikov Dokl AN SSSR 142 no 5;1193-1196 F '62.

PART-TIME FARMING

Auxiliary farm is in good hands. V. Leont'ev. Sots. obesp. 23 no. 2 31-32 F '62

By a common effort. L. Godin. Sots. obesp. 23 no. 1: 24-27 Ja '62.

PARTHIA—HISTORY

"Parthia and Rome; the origin of political dualism in the Near East" by A. G Bokshanin Reviewed by G. M. Livshits. Vop ist no 3;146-147 Mr '62

PARTICLE, DYNAMICS OF A see Dynamics of a particle

PARTICLE ACCELERATORS

Determination of the amplitudes of betatron and synchrotron oscillations of electrons by high-speed motion picture photography [with summary in English] A. G. Ershov. Zhur. eksp. i teor. fiz 42 no 2;606-609 F '62

Phase motion of particles in accelerators with fluctuating parameters. I. L. Zel'manov, A. S. Kompaneets, IU. S. Sniasov. Dokl. AN SSSR 143 no 1,72-73 Mr '62

Use of pin-type moderator systems in acceleration technique. A. A. Vorob'ev, A. N. Didenko. Atom energ. 12 no. 3,242-243 Mr '62.

Vertical focusing in a microtron [with summary in English]. V. N. Melekhin. Zhur. eksp. i teor. fiz. 42 no. 2; 622-624 F '62.

PARTICLE SIZE DETERMINATION

Experience in using the dispersion method for mineral analyses in the study of the gabbro-diorite massif in Kruglaya Mountain (Southern Urals). I. E. Kuznetsov. Vest. Mosk. un. Ser. 4:Geol. 17 no 1;31-35 Ja-F '62.

PARTICLES (NUCLEAR PHYSICS)

IArkovoi, O. I. [Steady state of an axially symmetrical system of charged particles] O statsionarnom sostoianii aksial'no-simmetrichnoi sistemy zariazhennykh chastits Dubna, Ob"edinennyi in-t iadernykh issledovanii, 1962. 10 p [With summary in English]

Measuring the concentration of charged particles in a strong pulse high-frequency discharge with a traveling magnetic field. R Kh Demirkhanov, N. I. Leont'ev, I. A. Kosyi. Zhur. tekh. fiz. 32 no. 2;180-184 F '62

The physics of elementary particles in the light of V. I. Lenin's work "Materialism and Empiriocriticism." L. L. Minasnikov. Trudy LKI no. 30;91-99 '60.

Radiation of charged faster-than-light particles and its use in the physics of high-energy particles. P. A. Cherenkov. Izv. AN SSSR, Ser. fiz. 26 no. 1;14-20 Ja '62.

Transient radiation from periodically successive bunches of charged particles. A. TS. Amatuni. Izv. AN Arm. SSR, Ser. fiz.-mat. nauk 15 no. 1;109-114 '62.

PASHENNAIA, VERA NIKOLAEVNA, 1887-

Great actress of our time. Tamara Bushko. Rab. i stial. 37 no. 6;15 Je '61.

PASHKEVICH, ALOIZA, 1876-1916

A bard of struggle. Stefapan Maikhrovich. Rab. i stial. 37 no. 7;16 Jl '61.

PASTEURELLA

Study of the sensitivity of the tularemia pathogen and of some [types] of Pasteurella to antibiotics in vitro [with summary in English]. M. Hejzlar, B. Lukáš. Antibiotiki 7 no. 2 135-140 F '62.

PASTEURELLA PESTIS

Composition of desoxyribonucleic acid in the bacteria of rodent plague and pseudotuberculosis. M. L. Bekker, A. Z. Kutsemakina, R. S. Mikhailova. Dokl. AN SSSR 142 no. 5;1188-1189 F '62

PASTEURELLA PSEUDOTUBERCULOSIS

Composition of desoxyribonucleic acid in the bacteria of rodent plague and pseudotuberculosis. M. L. Bekker, A. Z. Kutsemakina, R. S. Mikhailova. Dokl. AN SSSR 142 no. 5;1188-1189 F '62.

PASTEURIZERS

Complex calculation method for pasteurizers. A. M. Maslov. Izv. vys. ucheb. zav ; pishch. tekh. no. 6,125-128 '61.

PASTURES AND MEADOWS

(see also subdivision under Belaya Valley, Bashkiria; Chernogora Range; Daghestan; Karelia; Kazakhstan; Leningrad region; Merkys Valley; Tajikistan)

Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut kormov. [Methods of experimental work on meadows and pastures] Metodika opytnykh rabot na senokosakh i pastbishchakh. Pod obshchei red. N. S. Koniushkova, T. A. Rabotnova, L. A. TSatsenkina. Moskva, Sel'khozgiz, 1961. 287 p. (DA)

PATELLA—TUMORS

Osteochondroma of the patella. A. G. Sadykhov. Ortop., travm. i protez. no. 1;77-78 '62.

PATENT LAWS AND LEGISLATION

Answering our readers' questions about the implementation of patent laws. Sov. muz. no. 4 30-31 F '62

Objectives of soviet patent law. B. S. Antimonov, E. V. Ilenkina. Sov. gos. i prava no. 2 13-22 F '57

PATENTS

[Bulletin on inventions.] Biul. izobr. 38 no. 23 D '61, 39 nos. 1-2 Ja '62

PATHOGENIC MICRO-ORGANISMS see Micro-organisms, Pathogenic

PATHOLOGICAL ANATOMY see Anatomy, Pathological

PATHOLOGY

General pathology in the Institute of Experimental Medicine of the Academy of Medical Sciences of the U.S.S.R. during the 70 years of its activity. P. V. Veselkin. Vest. AMN SSSR 16 no. 11 26-33 '61

Problem of pathomorphosis. IA. L. Rapoport. Arkh. pat. no. 2, 3-11 '62.

PATRIOTISM

V. I. Lenin on the patriotism of revolutionar, democrats. V. M. Petrakova. Trudy MAPI no. 26 189-200 '60

PATRUS-KARPATS'KYI, ANDRII MYKHAILOVYCH, 1917-

"My dear Beskids" wrote by A. Patrus-Karpats'kyi. Reviewed by Oleksa Shchehenko. Ukraina no. 3 17 F '62

PAULING, LINUS CARL, 1901-

A talk with Professor Linus Pauling. Vop. filos. 16 no. 2 145-150 '62.

PAVEMENTS, CONCRETE

Accounting for friction forces in the displacement of concrete pavement along the roadbed. V. P. Strokarov, V. N. Mareev. Avt. dor. 25 no. 2 23-24 F '62

[Highway concrete pavements] Betonnye pokrytiia avtomobil'nykh dorog. [By] A. N. Zashchepin i dr. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961. 381 p.

PAVLODAR—BOOKSELLERS AND BOOKSELLING

Kiosk and Pavlodar. Sov. knizh. torg. 15 no. 2 28 F '62

PAVLODAR PROVINCE—CORN (MAIZE)

Probationary period of a party candidate. L. Pozdyshev. Part. zhizn' Kazakh. 32 no. 2 56-60 F '62

PAVLODAR PROVINCE—GRAIN-HANDLING MACHINERY

Bread and salt. G. Kochetkov. Izobr. i rats. no. 3 13-14 Mr '62

PAVLOGRAD PROVINCE—DAIRYING

Organization of vegetable and potatoe production and dairying in the vicinity of Pavlograd and Ekibastuz. A. N. Khokhriakova, V. A. Borodikhin, M. B. Birzhanov. Trudy Sov. po izuch. proizv. sil Kazakh. AN Kazakh SSR 2,110-125 '61.

PAVLOGRAD PROVINCE—VEGETABLE GARDENING

Organization of vegetable and potatoe production and dairying in the vicinity of Pavlograd and Ekibastuz. A. N. Khokhriakova, V. A. Borodikhin, M. B. Birzhanov. Trudy Sov. po izuch. proizv. sil Kazakh. AN Kazakh SSR 2,110-125 '61.

PAVLOV, BORIS VLADIMIROVICH, 1901-

Boris Vladimirovich Pavlov (on his 60th birthday). Fiziol. zhur. 48 no. 1 115-117 Ja '62.

PAVLOV, IVAN PETROVICH, 1849-1936

Ivan Petrovich Pavlov as dissertation examiner. V. N. Andreeva. Trudy Inst. ist. est. i tekh. 41,294-323 '61

PAVLOVA, MARIIA VASIL'EVNA, 1854-1938

From the correspondence between M. V. Pavlova and H. F. Osborn. Vest. AN SSSR 32 no. 3;83-84 Mr '62.

PAVLOVSK—PARKS

Zelenova, A. I. [Pavlovsk Park] Pavlovskii park. [Leningrad] Lenizdat, 1961. 98 p.

PAVLOVSKII, EVGENII NIKANOROVICH, 1884-

Lebedenko, A. G. [Battle with an invisible enemy] Voina s nevidimym vragom. [Leningrad] Lenizdat, 1961. 124 p. (Nashi sovremenniki)
(DNLM)

PAYMENT see subdivision under Khabarovsk

PEACE

Appeal to all governments and peoples. Zhur. Mosk. Patr. no. 1 58-59 Ja '62.

In the light of Bethlehem's star. A. Vedernikov. Zhur. Mosk. Patr. no. 1;45-48 Ja '62.

In the name of peace and progress. Ekon. Sov. Ukr. no. 3,3 My-Je '61.

The problem of war and peace is the principal problem of our day. Komm. Vooruzh. Sil. 2 no. 4;79-86 F '62.

PEACE—CONGRESSES

"And on earth, peace." Prague, June 13-18, 1961. Documents of the First All-Christian Peace Assembly." Reviewed by P. Urzhumtsev. Zhur. Mosk. Patr. no. 1 80 Ja '62.

PEAR BREEDING

Effect of weather methods of castration of flower buds and the time of pollination on the quality of ovaries, fruits, and seeds of the apple and pear. M. I. Lazukov. Agrobiologiia no. 6 911-916 N-D '61

PEARL HARBOR, ATTACK ON, 1941

Trefousse, Hans Louis, ed. [What happened at Pearl Harbor, documents pertaining to the Japanese attack of December 7, 1941. Translated from the English] Chto proizoshlo v Pirl-Kharbore, dokumenty o napadenii Iaponii na Pirl-Kharbor 7 dekabria 1941 goda. Pod red. i s predisl. Pavlenko, N. G. Moskva, Voen. izd-vo M-va oborony SSSR, 1961. 349 p.

PEAS see subdivision under Gorkiy Province; Shpola District

PEAS, FIELD see Field pea

PEASANT UPRISINGS

(see also subdivision under Estonia, Ryazan Government, Tobol'sk Government; Ukraine)

Valk, S. N., ed. [Collected documents concerning the Russian peasant movement from 1796 to 1825] Krest'ianskoe dvizhenie v Rossii v 1796-1825 gg., sbornik dokumentov. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 1048 p. (Krest'ianskoe dvizhenie v Rossii v XIX-nachale XX veka)

PEASANTRY

Apropos of N. L. Rubinshtein's article "Differentiation of peasants and so-called 'primary accumulation' in Russia." P. G. Ryndziunskii. Vop. ist. no. 3 208-213 Mr '62

PEASANTS IN ART

Komelova, G. N. [Scenes from Russia folk life at the end of the 18th and beginning of the 19th century as depicted in engravings held in the collections of the State Hermitage] Stseny russkoi narodnoi zhizni kontsa XVIII - nachala XIX vekov po graviuram iz sobraniia Gosudarstvennogo Ermitazha. Leningrad, Izd-vo Gos. Ermitazha, 1961. 25 p. illus.

PEAT

Burning of milled peat in furnaces with ejector burners. M. L. Kisel'gof, B. N. Muravkin. Teploenergetika 9 no. 2 20-25 F '62.

Effect of heat treatment on the dispersity, density, and porosity of peat [with summary in English] Iu. Mikhailov, B. Svikis. Izv. AN Latv. SSR no. 11;47-51 '61.

Preserve and increase soil fertility. A. Muromskii. Agrobiologiia no. 6 921-923 N-D '61

PEAT—TRANSPORTATION

Self-dumping tractor train for peat transportation. V. Brodskii. Avt. transp. 40 no. 3 34 Mr '62.

PEAT BOGS

Leningrad. Vsesoiuznyi nauchno-issledovatel'skii institut torfianoi promyshlennosti. [New equipment and technology of peat-bog preparation and the winning of granulated peat] Novaia tekhnika i tekhnologiia bolotno-podgotovitel'nykh rabot i dobychi granulirovannogo torfa. Moskva, Gos. energ. izd-vo, 1961. 86 p.

Problems concerning the usage of machinery and equipment in the preliminary work in peat bogs. M. E. Matsepuro, S. G. Babaev. Vop. zemledel'. mekh. 5;97-178 '60.

PEAT INDUSTRY—FIRES AND FIRE PREVENTION

Russia (1923- U. S. S. R.) Ministerstvo elektrostantsii. [Fire-prevention requirements and regulations for the planning, building and operation of peat enterprises] Protivopozharnye normy i pravila proektirovaniia, stroitel'stva i ekspluatatsii torfopredpriiatii. Moskva, Gos. energ. izd-vo, 1959. 75 p.

Water delivery conduits in peat enterprises. E. Dzekiser, G. Metelitsyn, G. Chubukova. Pozh. delo 8 no. 2, 19-20 F '62.

PEAT MACHINERY

Leningrad. Vsesoiuznyi nauchno-issledovatel'skii institut torfianoi promyshlennosti. [Instructions for the operation of VMF-6 peat agitators] Instruktsiia po ekspluatatsii voroshilok VMF-6. Moskva, Gos. energ. izd-vo, 1959. 13 p.

Leningrad. Vsesoiuznyi nauchno-issledovatel'skii institut torfianoi promyshlennosti. [New equipment and technology of peat-bog preparation and the winning of granulated peat] Novaia tekhnika i tekhnologiia bolotno-podgotovitel'nykh rabot i dobychi granulirovannogo torfa. Moskva, Gos. energ. izd-vo, 1961. 86 p.

Operating principle of the working part of a peat loading machine. M. E. Matsepuro, IU. N. Lifanov. Vop. zemledel'. mekh. 6;206-248 '61.

Over-all mechanization of peat transportation and handling. N. F. Shcheptev. Biul. tekh.-ekon. inform. no. 1; 16-19 '62.

Problems concerning the usage of machinery and equipment in the preliminary work in peat bogs. M. E. Matsepuro, S. G. Babaev. Vop. zemledel'. mekh. 5;97-178 '60.

Study of tractional and coupling features of tractors operating in peat bogs. M. P. Matsepuro and others. Vop. zemledel'. mekh. 6 5-93 '61.

PEAT MACHINERY—MAINTENANCE AND REPAIR

Ziuzin, F. S., and A. K. Martsev. [Repair of peat machinery] Remont torfianykh mashin. Moskva, Gosenergoizd-vo, 1961. 382 p.

PEAT SOILS

(see also subdivision under Karelia)

Fermentation activity of peat soils. R. M. Mat'eva, I. M. Kurbatov. Trudy BSKHA 31;95-101 '61

PEAT TAR

Investigation of neutral oxygen compounds of high-boiling fractions of peat tar. K. V. Grigor'eva, N. M. Kuz'min. Izv. AN SSSR, Otd. tekh. nauk, Met. i topl. no. 1 104-[illegible] Ja-F '62

PECHENGA DISTRICT—AXINITE

Quartz-axinite veins from basic rocks of Pechenga district. E. S. Taldykina. Mat. po min. Kol'. poluost. 1;23-29 '59.

PECHENGA DISTRICT—CHLORITES

Chlorites from the copper-nickel deposits in Pechenga District. N. A. Kornilov. Mat. po min. Kol'. poluost. 1;39-48 '59.

PECHENGA DISTRICT—MINES AND MINERAL RESOURCES

Colloform nonmetallic minerals in the Pechenga copper-nickel deposits and their association with the process of ore crystallization. N. A. Kornilov. Mat. po min. Kol'. poluost. 1;30-38 '59

PECHENGA DISTRICT—QUARTZ

Quartz-axinite veins from basic rocks of Pechenga district. E. S. Taldykina. Mat. po min. Kol'. poluost. 1; 25-29 '59

PECHORA BASIN—COAL PREPARATION

Using the dry method for the preparation of [illegible]. O. P. Parshin. Obog. i brik. ugl. no. 17 17-[illegible]

PECHORA BASIN—WATER, UNDERGROUND

Some features of the formation of ground water in the Pechora coal basin based on the example of the [illegible] deposit. S. E. Sukhodol'skii. Trudy Inst. merzl. AN SSSR 17;39-45 '61

PECHORA RIVER—REGULATION

The Caspian calls Pechora. Vokrug sveta no. 5 [illegible] My '61

PECHORA VALLEY—GAS, NATURAL—GEOLOGY

Geology, and oil and gas potentials of the Michaelovo swell of the Pechora depression. A. I. Dzhanelidze. Geol. nefti i gaza 6 no. 2;13-17 F '62.

PECHORA VALLEY—GEOLOGY, STRATIGRAPHIC

Upper Famenian sediments in the Timan-Pechora [illegible]. T. I. Kushnareva. Izv. vys. ucheb. zav., geol. i razv. no. 1 38-47 Ja '62.

PECHORA VALLEY—PETROLEUM GEOLOGY

Geology, and oil and gas potentials of the Michaelovo swell of the Pechora depression. A. I. Dzhanelidze. Geol. nefti i gaza 6 no. 2;13-17 F '62.

PECTINASE

Changes in the polyphenolic complex of wild [illegible] in the process of fermentation by pectinase. [illegible] votel'nov, M. T. Golovkina. Izv. vys. ucheb. zav. [illegible] tekh. no. 6 73-76 '61.

PEDDLERS AND PEDDLING see subdivision under Chuyskiy District; Karaganda Province, Kazakhstan; Kustanay Province, North Kazakhstan Province

PEDIATRICS—CONGRESSES

School of advanced experience (Republic Seminar of District Pediatricians). I. Shvan. Zdravookhr. [illegible] 4 no. 6;60-61 N-D '61.

PEDIATRICS—HANDBOOKS, MANUALS, ETC.

[Pediatricians' manual] Spravochnik pediatra. Pod red. M. S. Maslova. [Leningrad] Medgiz, 1961. 415 p.
(DNLM)

PEDIMENTS

Comparative characteristics of Arizona-Sonora and Dauria-Mongolia pediments. V. P. Chichagov. [illegible] MOIP, Otd. geol. 37 no. 1;158-160 Ja-F '62

PEGMATITES

(see also subdivision under Alakurtti region, Kol'skiy [illegible] Zhukhovichi region; Karelia; Khibiny Mountains, Kola Peninsula; Krivoy Rog Basin; Ladoga Lake region, Lovozero Tundras)

Peculiar type of recrystallization in pegmatites. V. V. Gordienko. Mat. po min. Kol'. poluost. [illegible] '59.

Piezoelectric effect of pegmatite and quartz veins. M. [illegible] Volarovich, G. A. Sobolev, E. I. Parkhomenko. Izv. AN SSSR, Ser. geofiz. no. 2,145-152 F '62.

PEGMATITES—CLASSIFICATION

Classification of granite pegmatites. Kh. M. Abdullaev, A. I. Ginzburg. Sov. geol. 5 no. 1:71-91 Ja '62

PEIKO, NIKOLAI IVANOVICH, 1916-

On the music of N. Peiko. T Boganova Sov muz. 26 no. 2:45-48 F '62

PELVIS—ABNORMITIES AND DEFORMITIES

Flat rachitic pelvis. L. V. Vanina. Pediat. i akush. 26 no. 11:49-52 N '61.

PELVIS—DISEASES

Morphological changes in the ovaries following chronic inflammatory processes in the true pelvis R N. Azarosian. Med zhur. Uzb. no 12 76-77 D '61.

PELVIS—FRACTURE

Treatment of lesions of the urinary tract in fractures of the pelvic bones. V. M. TSodyks. Kaz. med zhur. no 6-29-31 N-D '61.

PELVIS—INNERVATION

Tetracentral reflex connections of the organs of the abdominal and pelvic cavities (the problem of afferent functions of the vegetative nervous system) [with summary in English]. E. P Mel'man Arkh anat gist embr. 40 no 6:3-22 Je '61

Sources of ureteral innervation and their relations to the nerve plexuses of the abdominal and pelvic cavities [with summary in English]. K. S. Shevchuk Arkh. anat gist. embr 10 no. 6.101-108 Je '61.

PENAL INSTITUTIONS see Prisons

PENALTIES (CRIMINAL LAW) see Fines (Penalties)

PENDULUM

Effect of the geometrical form of the knife-edge of the pendulum on its motion. V. A. Romaniuk, A. M. Mikisha. Trudy Inst. fiz. Zem. no. 18:98-124 '61.

Observations with pendulums on a gyrostabilized platform. V. A. Romaniuk. Trudy Inst. fiz. Zem. no. 18: 132-137 '61.

PENGUINS

A snow tribe. R. G. Dobers. Vokrug sveta no. 4:18-22 Ap '61

PENICILLIN

Antitoxic function of the liver in the bicillin treatment of syphilis A. A. Brukson Med zhur. Uzb no 9:58 S '61.

Bicillin treatment for patients with syphilis. G. G. Umbet'larova Zdrav. Kazakh. 21 no 10:33-36 '61

Change in the reactivity of the organism during penicillin treatment of acute suppurative processes in the maxillofacial region. IU. F. Semenenko. Probl. stom 5: 281-285 '60.

Combined use of penicillin and gramicidin in pulpitis. O. D. TSyganenko. Probl. stom. 5:156-159 '60

Effect of penicillin on the production of agglutinins by a spleen tissue culture [with summary in English]. N. V Chumachenko, E. M Sokolova Antibiotiki 7 no. 2 162-168 F '62

Formation of penicillin through uninterrupted feeding of carbohydrates into fermentation media [with summary in English] L. M. Lur'e, S. I. Alikhanian Antibiotiki 7 no. 1:11-16 Ja '62.

Increase in sensitivity to penicillin in resistant bacteria [with summary in English]. S. D. Voropaeva, V. I. Gel'ger, A. B. Germanov Antibiotiki 6 no. 12:1120-1123 D '61.

New type of penicillin — α-phenoxyethylpenicillin and study of its microbiological properties [with summary in English]. M. M. Levitov and others. Antibiotiki 7 no. 2.104-108 F '62

Phenoxymethylpenicillin prevention of complications in scarlet fever [with summary in English]. Z. I. Azovskaia. Antibiotiki 6 no. 9:51-53 S '61.

Role of precursors in the biosynthesis of penicillin [with summary in English]. M. M. Levitov, L. M. Lur'e, G. F. Zavileiskaia Antibiotiki 6 no. 12:1058-1063 D '61.

Tetracycline salts of phenoxymethylpenicillin [with summary in English] A. E. Tebiakina and others Antibiotiki 7 no. 2:109-112 F '62

Treatment of ulcerative gingivostomatitis with penicillin-novocaine solution. E. A. Flis. Probl. stom. 5:417-421 '60.

Two cases of severe anaphylactic reaction to penicillin. Kh. F. Lukmanova, K. G. Shaimardanova. Kaz. med. zhur. no. 4:58-60 Jl-Ag '61.

Use of oemonovocillin with novocaine in the form of drops in certain otorhinolaryngological diseases. Kh. A. Alimarov. Med. zhur. Uzb. no. 8:59 S '61.

Use of plaster mixed with streptomycin and penicillin for filling bone cavities after removing isolated tuberculous foci. M. V. Shats. Nov. khir. arkh. no. 4:35-42 Jl-Ag '60.

PENIS—CANCER

Cancer of the penis. M. I. Shkol'nik. Nov. khir. arkh. no. 1:70-74 Ja-F '60.

Our experience in treating cancer of the penis. M. I. Goikhberg. Vop. onk. 8 no. 2.84-88 '62

PENIS—SURGERY

Formation of the penis and urethra in perineal hypospadia simulating hermaphrodism [in Azerbaijani with summary in Russian]. A. A. Nazarov. Azerb med zhur. no. 8 65-70 Ag '61.

PENIS—TUMORS

Melanoma of the penis (first observation) [with summary in English]. E. P Svedentsov. Vop. onk. 7 no 7 88-89 '61.

PENIS—WOUNDS AND INJURIES

Treatment of surface lesions of the penis in studs. A. I. Semenishchev. Veterinariia 39 no 1:56-57 Ja '62.

PENSIONERS

(see also subdivision under Rep'yevka)

Sunny trip. A. Nazarova Sots. obesp. 23 no. 2 40-42 F '62.

PENSIONERS—SOCIETIES, ETC. see subdivision under Gatchina, Murom

PENSIONS

(see also subdivision under Volgograd Province)

Accounting for premiums in the calculation and payment of pensions. IU. TSederbaum. Sots. obesp. 23 no. 1: 16-53 Ja '62.

Applying the order approved by regulation No. 1173, August 22, 1956 of the Council of Ministers of the U.S.S.R. of lists of industries, workshops, professions and occupations granting state pensions on preferential terms and amounts Biul Gos kom po vop truda i zar platy no 9:23 '61

Check for similar mistakes. Sots. obesp. 23 no. 1.54-55 Ja '62.

Check for similar mistakes. Sots. obesp. 23 no. 2 53-56 F '62.

Dairymaid, a preferential pensioner. K. Antonov. Sots. obesp. 23 no. 2 18-20 F '62.

Editor's mail. Okhr. truda i sots. strakh. 5 no. 1:38 Ja '62.

Elucidation of granting preferential pensions. Okhr. truda i sots. strakh. 5 no. 1:36-37 Ja '62.

Explanations concerning the granting of preferential pensions. Okhr truda i sots. strakh. 5 no 2.43-44 F '62

It is worth thinking about E. Mikheev. Sots. obesp. 23 no. 1:17-18 Ja '62.

New program of the CPSU and pension coverage. A. Levshin, IA. Fogel'. Sots. obesp. 23 no. 1:4-8 Ja '62.

Pensions on preferential terms. I. Kolganov. Sov. profsoiuzy 18 no. 1:44-15 Ja '62.

Questions and answers. Sots. obesp. 23 no. 1:53-54 Ja '62.

Questions and answers. Sots. obesp. 23 no. 2:52-53 F '62.

Statute of the Commission on Pensions. Sots. obesp. 23 no. 2 15-17 F '62.

Work and worries of a pension section. N. Alekseev. Sots. obesp. 23 no. 2:10-11 F '62.

PENTANEDIONE

Reaction of diethylmethoxychlorosilane with sodium derivatives of acetylacetone and acetoacetic ester. K. A. Andrianov. A. A Zhdanov, L. A. Kashutina. Zhur. ob. khim 32 no. 1 297-301 Ja '62.

PENTATRIACONTANE

Study of elementary reactions involved in the detachment of a tritium atom from pentatriacontane-1St by free cyclohexyl and heptyl radicals in the liquid phase. I V Berezin, Go Chu. Dokl AN SSSR 142 no 2.383-386 Ja '62.

PENTLANDITE

Solubility of the pentlandite. E. N. Eliseev, S. I. Smirnova. Mat. po min. Kol'. poluost. 1:176-179 '59.

PENTNONE

Reaction of peroxyacetic acid with isomeric mesityl oxide. I. G. Tishchenko, M. N. Makovetskii. Zhidkofaz. okis. nepr. org. soed. no. 1:113-117 '61.

PENTOSES

Photometric determination of pentoses in hydrolysates. O B Kraianskii, I. F. Rudomanova, D N. Latneva Izv. vys ucheb. zav., pishch tekh no. 6:150-153 '61.

PENTOXYL

Influence of pentoxyl on the elaboration of antibodies (agglutinins) in experimental immunization with Rickettsia prowazeki. B. IU. Kalinin. Zhur. mikrobiol., epid. i immun. 32 no. 9:138-139 S '61.

PENZA—BOOKSTORES

Bookstore in connection with a factory. Dina Sumenkova. Sov. knizh. torg. 15 no. 2:27-28 F '62.

PENZA—MOLASSES

Products from corn sugar molasses. N. Brovkin. Mast. prom. i khud. promys. 3 no. 2:18 F '62.

PENZA PROVINCE—AMATEUR ART ACTIVITIES

People and art. A Vasil'ev Kul't.-pros. rab 23 no. 1: 24-28 Ja '62

PENZA PROVINCE—BOOKSELLERS AND BOOKSELLING

Give free scope to the new and the progressive S Golubev. Sov. knizh torg 15 no 1 32-33 Ja '62

PENZA PROVINCE—FEEDS

Control the consumption of fodder better. V I Polosin. Uchet i fin v kolkhoz i sovkhoz 19 no. 1:13-14 Ja '62

We use fodder carefully and account for it strictly. G. Z. Chernavin. Uchet i fin v kolkhoz. i sovkhoz 19 no. 1:14-16 Ja '62.

PENZA PROVINCE—FIRES AND FIRE PREVENTION

Beginning of a great program V Zolotukhin Pozh. delo 8 no 2 9 F '62

PEONIES

Nature of nectaries in a Paeonia flower. N. N. Kartashova. Trudy Bot. inst. Ser. 7 no. 5:77-85 '62.

PEPSIN

Dependence of uropepsin excretion on pepsin excretion in the stomach. I. P. Smirnov. Fiziol. zhur. 48 no. 1: 82-85 Ja '62.

Effect of benzene solubilization on the catalytic properties of pepsin. V A Pchelin, V. N. Izmailova, G P. Bol'shova. Dokl AN SSSR 142 no. 4 950-953 F '62

Effect of N-bromosuccinimide on pepsin and pepsinogen L. A. Lokshina, V. N. Orekhovich, V. N Pandakova. Dokl. AN SSSR 142 no. 2 471-473 Ja '62.

PEPTIC ULCER

Absorption of radioactive phosphorus by the stomach in peptic ulcer of the stomach and duodenum and in cancer of the stomach S. R. Levaniuk. Nov khir arkh no 2: 53-58 '62.

Characteristics of the course of peptic ulcer in middle and old age [with summary in English] R. A Petrov Terap arkh no 12 77-83 '61.

Cholinergic properties of the saliva and blood in acute experimental ulcer of the stomach and chronic peptic ulcer in man. Kh S. Khamitov, F. S. Khamitov. Kaz. med. zhur. no 6:21-24 N-D '61

Dietic treatment of peptic ulcer and chronic gastritis and the conditions of the intestines [with summary in English]. A. V. Frol'kis. Vop pit. 21 no 1 18-22 Ja-F '62.

Frequency of perforating ulcers of the stomach and duodenum N. S. Epifanov. Kaz. med. zhur. no. 6 25-26 N-D '61

Late results in treating perforating ulcers of the stomach and duodenum in a district hospital M. F. Mazuzik Nov khir arkh no. 2.50-53 '62.

Peptic ulcer in children. Kh. D. Rakhmanov. Med. zhur. Uzb. no 2 69 F '60.

Perforation and profuse hemorrhage as complications of malignant degeneration of a peptic ulcer. P P Svedentsov. Kaz. med. zhur. no. 4:43-45 Jl-Ag '61.

Perforation of a gastric ulcer into the retroperitoneal tissue. V. G. Tishchenko Zdrav. Bel 7 no. 12. 59-60 D '61

Quateleron and fubromegan in the treatment of peptic ulcer [with summary in English]. TS G. Manevich, V N Tugolukov. Terap. arkh no 12 68-76 '61.

Some features of the fluctuation of the blood serum protein level in peptic ulcer and their significance in clinical treatment. A. A. Krylov, I. F. Bogolavlenskii. Zdrav. Turk 5 no 6 14-19 N-D '61

Study of leucocytosis in the Zakharin-Head zones in peptic ulcer of the stomach and duodenum and in cancer of the stomach. M. E. Didur. Nov. khir arkh. no. 2:71-72 '62.

Surgical treatment of a perforating ulcer of the stomach and duodenum in young persons. D. V Usov. Vest khir. no 2:35-39 '62

Use of dried sweet almond in treating peptic ulcer. O. IA. Kravchenko. Vop. pit. 21 no. 1:85-86 Ja-F '62.

Use of mespenal and metacin in peptic ulcer and bronchial asthma. I. V. Ol'. Kaz. med. zhur. no. 4:39-40 Jl-Ag '61.

Use of pentoxyl in the compound treatment of peptic ulcer. A. L. Landa. Kaz med. zhur. no. 4:41-42 Jl-Ag '61.

PEPTIDES

Diethyleneimidophosphoryl and diethyleneimidothiophosphoryl derivatives of amino acids and peptides. I. L Knuniants and others. Dokl. AN SSSR 142 no 2:370-373 Ja '62.

Fermentation synthesis of optically active peptides from racemic amino acids. Part 3. Synthesis of L-tryptophan peptides from carbobenzoxy-D, L-tryptophylglycolic acid M. M Botvinik, I. P. Kuranova. Zhur. ob. khim. 32 no 1.16-19 Ja '62.

p-Di-(2-chloroethyl)-aminophenylalanine (sarcolysine) and its derivatives. Part 9. Optically active cytotoxic peptides. E. M. Shkodinskaia and others. Zhur. ob. khim. 32 no 1:324-325 Ja '62.

System and necessary calculation for production and use of tissue culture concentrate with aminopeptide-2 [with summary in English]. M. Lavrov. Izv. AN Latv. SSR no. 12:119-122 '61.

PERAHIM, JULES
Jules Perahim. I Sapego. Iskusstvo 25 no 1:44-47 '62

PERCEPTION
Perception and action. Report No 1. Problem of action in the present-day theories of perception. V. P. Zinchenko. Dokl. APN S no 2:61-66 '61.
Perception and action. Report No 2. Characteristic of perception processes. V. P. Zinchenko. Dokl. APN S no 5:83-86 '61.
Structural theory of perception. Report No 3. Reducing the perception of images consisting of several dots. I. Arnol'd, F. A. Gvozdev. Dokl. APN S no 5:85-88 '61.

PERCH see subdivision under Courland Lagoon, Dnieper River

PERENNIALS
Reclamation of perennial plantations. P. Zhgenti, T. Chaduneli. Ekon. sel'khoz. 32 no 12:73-77 D '61.

PERFUSION PUMP (HEART)
Perfusion of the blood in operation using the artificial blood circulation system apparatus of the Scientific Research Institute of Experimental Surgical Apparatus and Instruments; an experiment [with summary in English]. I. V. Lovepko, and others. Grud. khir. 4 no. 1:13-18 Ja-F '62.

PERICARDITIS
Repeated operations for constrictive pericarditis. A. N. Rotkevich. Grud. khir. no. 5:13-15 '61.

PERICARDIUM—TRANSPLANTATION
Plastic repair of defects of the diaphragm using frozen pericardium [with summary in English]. P. P. Kovalenko, G. P. Sverlin. Vest. khir. no. 2:49-54 '62.

PERICARDIUM—TUMORS
Origin of diverticula and celomic cysts of the pericardium. G. N. Toporov. Grud. khir. 4 no. 1:107-108 Ja-F '62.

PERICARDIUM—WOUNDS AND INJURIES
Traumatic rupture of the pericardium and diaphragm in combination with multiple bone injuries. F. F. Zobnin. Vest. khir. no. 2:121 '62.

PERIDOTITE see subdivision under Belhelvie, Scotland; Dawros, Ireland

PERIODIC LAW
Isoelectronic series of semiconductor compounds. L. S. Palatnik, V. M. Koshkin, Yu. F. Komnik. Kristallografiia 7 no. 1:124-125 Ja-F '62.

PERIODICALS—BIBLIOGRAPHY
"New serial titles." Reviewed by P. I. Egorov. Bibliotekoved. i bibl. za rub. no. 8:184-190 '61.

PERIODICITY
Characteristics of nocturnal hemodynamics in hypertension. I. V. Zakharov. Terap. arkh. no. 9:20-25 '61.
Daily rhythm of the secretion of aldosterone in hypertension. O. V. Kireeva. Terap. arkh. no. 7:39-42 '61.

PERIPHERAL NERVES see Nerves, Peripheral

PERITONEUM—DISEASES
Pseudoperitonitis following the bite of the karakurt. A. S. Makhmudov. Med. zhur. Uzb. no. 6:42-43 Je '60.
So-called spontaneous intraperitoneal hemorrhages [with summary in English]. M. G. Salamatov. Khirurgiia no. 2:2-35 '62.

PERITONEUM—TRANSPLANTATION
Our experience in cystotomy with extra peritonization of the urinary bladder. D. S. Karimov. Med. zhur. Uzb. no. 11:61 N '61.

PERITONITIS
(see also subdivision under Tashkent)
Diagnosis of perforating typhoid peritonitis. M. B. Belkin. Sov. med. 25 no. 12:117-119 D '61.
Gas exchange, hemodynamics, and respiratory function of the blood in acute diffuse peritonitis. N. K. Doronina. Voen.-med. zhur. no. 8:37-42 Ag '61.
Studies on gas metabolism and the respiratory function of the blood in experimental acute diffuse purulent peritonitis. Transfusions of whole blood and its components. N. K. Doronina. Nov. khir. arkh. no. 4:85-89 Jl-Ag '60.
Suppurative peritonitis according to clinical data for a nine year period (1951-1959). A. S. Sosnovskaia. Med. zhur. Uzb. no. 11:59 N '61.

PERKIN, NAVUM SALAMONAVICH, 1912-
A tireless student of White Russian literature. M. Barstok. Belarus' 19 no. 2:22 F '62.

PERLITE (MINERAL)
Sorbtion moisture content and water absorption of expanded perlite sand and products made of it [with summary in English, p. 74]. A. V. Zhukov, I. IA. Baivel', T. I. Panchenko. Visnyk AN URSR no. 4:50-53 '61.

PERM—BALLET
Ballet and symphony. V. Vanslov. Sov. muz. 26 no. 2:62-66 F '62.

PERM—COAL MINES AND MINING—RESEARCH
New developments in the work of the Perm Scientific Research Institute of Coal. L. V. Kocherskii, E. K. Getsen. Ugol' 36 no. 7:53-55 Jl '61.

PERM—COAL MINING MACHINERY—DESIGN AND CONSTRUCTION
New machinery developed by the Perm State Institute for the Design and Construction of Mining Machinery. Z. G. Lipkin and others. Ugol' 36 no. 7:56-57 Jl '61.

PERM PROVINCE—ATHEISM—STUDY AND TEACHING
Atheistic training of students in nature study classes. A. M. Bolotnikov. Nach. shkola 30 no. 2:54-57 F '62.

PERM PROVINCE—DISABILITY EVALUATION
Unforgivable mistakes. R. Sarbaev. Sots. obesp. 23 no. 2:26 F '62.

PERMALLOYS—TESTING
Device for testing the magnetic permeability of a permalloy. S. G. Taranov, S. T. Usatenko. Sbor. trud. Inst. elektrotekh. AN URSR no. 18:119-121 '61.

PERMAFROST see Frozen ground

PERMEABILITY
Using data from nonsteady displacement of fluid by gas in a method for the experimental determination of phase permeabilities. A. L. Khein, S. N. Buzinov, P. IA. Altukhov. Trudy VNIIGAZ no. 11:241-265 '61.

PERMITTIVITY see Dielectric constants

PEROXIDES
Oxidation of β-naphthol and some of its derivatives by peroxide compounds. M. L. Khidekel' and others. Dokl. AN SSSR 140 no. 5:1096-1099 O '61.

PEROXYACETIC ACID
Reaction of peroxyacetic acid with isomeric mesityl oxide. I. G. Tishchenko, M. N. Makovetskii. Zhidkofaz. okis. nepr. org. soed. no. 1:113-117 '61.
Selective oxidation of 2-methyl-1,5-hexadien-3-yne and 3-methyl-2,6-heptadien-4-yne by peroxyacetic acid. I. G. Tishchenko, M. G. Gurevich. Zhidkofaz. okis. nepr. org. soed. no. 1:85-96 '61.

PEROXYDICARBONIC ACID
Heats of decomposition and formation of dicyclohexyl- and dimethylperoxydicarbonate. I. B. Rabinovich and others. Dokl. AN SSSR 143 no. 1:133-136 Mr '62.

PERSIA see Iran

PERSIAN LITERATURE—HISTORY AND CRITICISM
Bertel's, E. E. [History of Persian-Tajik literature] Istoriia persidsko-tadzhikskoi literatury. Moskva, Izd-vo vostochnoi lit-ry.
Vol. I. 1960. 554 p.
(NcU)

PERSIAN POETRY
Anti-imperialistic themes in modern Persian satiric poetry. Dzh. Dorri. Izv. AN Arm. SSR. Obshchestv. nauki no. 11:61-74 N '61.

PERSONALITY
My students. S. Ezerskii. Nar. obr. no. 2:61-70 F '62.

PERSONALITY, DISORDERS OF
Problem of the pathological development of the personality in chronic alcoholism. I. N. Platnitskaia. Probl. sud. psikh. 9:400-407 '61.

PERSONS (INTERNATIONAL LAW)
The "nationality" of juristic persons; apropos of the nationalization of the Suez Canal Company. A. M. Ladyzhenskii. Sov. gos. i pravo no. 2:90-95 F '57.

PERVOMAYSKIY (MOSCOW PROVINCE)—KINDERGARTENS
Kindergarten is a public edifice. M. Rubtsova. Sem'ia i shkola 17 no. 3:12-13 Mr '62.

PERVOURAL'SK REGION—BLASTING
Using slim inclined holes in pits of the Pervoural'sk iron ore deposit. N. U. Turuta, A. T. Galimullin. Vzryv. delo no. 47/4:45-52 '61.

PESTICIDES
Effect of the composition of shale phenols on the process of nitration and pesticidal properties of nitro products. A. I. Kulikov and others. Khim. i tekh. gor. slan. i prod. ikh perer. no. 8:167-174 '60.
Recipes for the synthesis of the preparation 125. A. I. Kulikov, I. P. Kurina. Khim. i tekh. gor. slan. i prod. ikh perer. no. 8:159-166 '60.
Synthesis of the preparation 125 from phenols of tars produced by semicoking of Baltic shales and Cheremkhovo coals. G. N. Garnovskaia and others. Khim. i tekh. gor. slan. i prod. ikh perer. no. 8:175-185 '60.

PETERUPT RIVER—SALMON
Survival rate and growth of young hatchery-reared Baltic salmon during its river period of life [with summary in English on pages 206-207]. [illegible]. Izv. GosNIORKH 51:15-27 '61.

PETRARCA, FRANCESCO, 1304-1374
Parandowski, Jan. [Petrarch, 1304-1374. Translated from the Polish] Petrarka, 1304-1374. Vilnius, Valstybine grozines literatures leidykla, 1961. [In Lithuanian]

PETROGLYPHS see subdivision under Baikal Lake region, Baikhash Lake region; Kul'dzha Basin; Mountains

PETROLEUM
(see also subdivision under Rumania, Volga-Ural area, Volga Valley)
Nitrogen compounds of petroleum. Report No 1. [illegible] of natural nitrogen compounds. N. N. Bezingier, A. A. Abdurakhmanov, G. D. Gal'pern. Neftekhimiia 1 no. 2:189-196 Mr-Ap '61.
Nitrogen compounds of petroleum. Report No 2. [illegible] tion of nitrogenous bases of petroleum from the sulfides. N. N. Bezingier, M. A. Abdurakhmanova, G. D. Gal'pern. Neftekhimiia 1 no. 2:189-196 Mr-Ap '61.
Outstanding contribution to the scientific foundations of petrochemistry; the 70th birthday of Academician Aleksandr Aleksandrovich Kazanskii. M. I. Rabinovich, A. F. Plate, and others. Neftekhimiia 1 no. 2:189-190 Mr-Ap '61.

PETROLEUM—ANALYSIS
(see also subdivision under Ekhabi region)
Akademiia nauk SSSR, Institut geologii i razrabotki goriuchikh iskopaemykh. [Geochemistry of oil and fields] Geokhimiia nefti i neftianykh mestorozhdenii. Moskva, Izd-vo Akad. nauk SSSR, 1962. 376 p.
Conversions of endo-trimethylenenorbornane on an aluminosilicate catalyst. Formation of adamantane. A. F. Plate, Z. K. Nikitina, T. A. Bortnovaya. Neftekhimiia 1 no. 5:599-603 S-O '61.
Molecular sieve method for determining the composition of methane hydrocarbons of a normal structure in gasoline fractions. S. N. Pavlova, Z. V. Dzhalalova, M. M. Mkhchiian. Khim. i tekh. topl. i masel 7 no. 1:53-56 Mr '62.
Nitrogen compounds of petroleum. Part 4: Group separation of concentrates of nitrogen bases. N. N. Bezingier, M. A. Abdurakhmanov, G. D. Gal'pern. Neftekhimiia 1 no. 5:589-598 S-O '61.

PETROLEUM—PERIODICALS
From the editor. Neftekhimiia 1 no. 1:5-6 Ja-F '61.

PETROLEUM—PIPELINES see subdivision under Hungary; Siberia

PETROLEUM—REFINING
(see also subdivision under Bashkiria; Jabinskaya, Komi A. S. S. R., Ukhta)
Determining the critical rate of the "internal" suspension of small particles of a binary or polydisperse mixture of granular material. V. N. Petrov. Izv. vys. ucheb. zav., neft' i gaz 4 no. 5:79-86 '61.
Mushenko, D. V., and M. I. Lovina. [Petroleum refining without mazut] Bezmazutnaia pererabotka nefti. Leningrad, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 116 p.
Organization and personnel of commodity-handling departments of petroleum refineries. M. Talibov, E. Estatova. Neftianik 7 no. 3:26 F '62.
Redistillation process in the production of oils. [illegible] Kuliev and others. Khim. i tekh. topl. i masel 7 no. 3:23-26 Mr '62.
Regeneration of spent alkalies. A. V. Mirzov and others. Khim. i tekh. topl. i masel 7 no. 3:30-31 Mr '62.
Skoblo, A. I., I. A. Tregubova, and N. N. Egorov. [Processes and equipment of the petroleum refining and petrochemicals industries] Protsessy i apparaty neftepererabatyvaiushchei i neftekhimicheskoi promyshlennosti. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1962. 652 p.

PETROLEUM—STORAGE
[Safety techniques on tank farms] Tekhnika bezopasnosti na neftebazakh i neftekhranilishchakh. [Moskva], Izd-vo M-va sel'. khoz. RSFSR, 1961. 15 p. (Pamiatka rabochemu sel'skogo khoziaistva)

PETROLEUM AS FUEL
Automatic supply of fuel oil in boiler furnaces. M. N. Novozhilov. Energetik 10 no. 3:11-12 Mr '62.
Equipment for registering the expenditure of crude oil. Prom. energ. 17 no. 3:33 Mr '62.
Mushenko, D. V., and M. I. Lovina. [Petroleum refining without mazut] Bezmazutnaia pererabotka nefti. Leningrad, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 116 p.
Nonoxidizing heating of steel in an open-flame, fuel oil-fired furnace. E. A. Kondakov, A. I. Vnukhchenko. Izv. vys. ucheb. zav. chern. met. 5 no. 1:100-107 '62.
Production of gas turbine fuels from coking distillates. V. G. Nikolaeva and others. Khim. i tekh. topl. i masel 7 no. 3:20-22 Mr '62.

PETROLEUM AS FUEL—TRANSPORTATION
Concerning the performance of oil deliver vehicles in the winter. K. Rybakov and others. Tekh. v sel'khoz 22 no. 1,52-55 Ja '62

PETROLEUM CHEMICALS
(see also subdivision under Plock, Poland)
N. D. Zelinskii and present-day developments of petrochemistry; on the 100th anniversary of his birth A. F. Plate. Neftekhimiia 1 no. 1 7-14 Ja-F '61.
Problems of trade-union organizations of the petroleum and chemical industries in carrying out the decisions of the 22d Congress of the CPSU. V. Krivich. Neftianik 7 no. 1:1-2 Ja '62.
Role of sciences in the creation of material and technical basis of communism. Neftekhimiia 1 no. 5:581-582 S-O '61.

PETROLEUM CONSERVATION
Armor made of liquid. G. Kremer. Nauka i zhizn' 28 no. 12:21 D '61.

PETROLEUM ENGINEERING
Properties of Khvalynian clays of the Karadag shallows F. S. Aliev. Dokl. AN Azerb. SSR 17 no. 12,1147-1151 '61.
Some problems affecting the separate working of layered inhomogeneous strata. F. G. Gasanov, IA. K. IUnusov Izv. AN Azerb. SSR. Ser. fiz.-mat. i tekh. nauk no. 5:117-128 '61.

PETROLEUM GEOLOGY
(see also subdivision under Adriatic Sea region, Africa, West; Apsheron Peninsula; Azerbaijan; Bashkiria; Carpathian Mountains; Caucasus, Northern; China; Crimea; Ekhabi region; Emba region; Groznyy Province; Krasnodar Territory; Kuban, Kuban-Azov Lowland; Pechora Valley; Saratov Province; Tuapse District; Vilyuy region; Volgograd Province)
Concerning the article of N. I. Bulatov and others "Classification of predicted oil and gas reserves and method of rating them." F. G. Gugarl, N. N. Rostovtsev, N. G. Chochia. Sov. geol. 5 no. 2:157-159 F '62
Corrosion of quartz grains and cases of a possible effect of petroleum on the reservoir properties of sandy rocks. K. R. Chepikov, E. P. Ermolova, N. A. Orlova. Dokl. AN SSSR 140 no. 5:1167-1169 O '61.
"Geology of oil and gas" by N. A. Eremenko. Reviewed by V. Vasil'ev. Geol. nefti i gaza 6 no. 2:59-62 F '62
Method of setting up boundaries for artesian and oil- and gas-bearing basins. E. A. Bars and others. Izv. vys. uchab. zav., geol. i razv. 4 no. 11:96-101 N '61.
Gilin-Bekchurin, A. I., L. A. Gulinova, and G. A. Mogilevskii, eds. [Methodological handbook on hydrogeological, and microbiological studies for evaluating oil- and gas-bearing potentials] Metodicheskoe rukovodstvo po gidrogeologicheskim gidrokhimicheskim i mikrobiologicheskim issledovaniiam dlia otsenki perspektiv neftegazonosnosti nedr. [By] G. V. Bogomolov i dr. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 253 p.
Some problems in developing oil and gas reserves in the first decade of creating the material and technical base of communism. A. A. Trofimuk. Geol. nefti i gaza 6 no. 2:1-9 F '62.
Underground waters below the Devonian salt deposits of the Pripet Depression. L. K. Berzina. Dokl. AN BSSR 6 no. 2:109-112 F '62.

PETROLEUM INDUSTRY
(see also subdivision under Brazil; Cheleken Peninsula, Rumania)
Brief news. Neft. khoz. 40 no. 1:70-3 of cover Ja '62.
Brief news. Neftianik 7 no. 2:31 F '62.
Counties of Latin America and the East oppose the oil cartel. R. Andreasian. Mir. ekon. i mezhdunar. otn no. 3:129-132 Mr '62.
In the oil regions of our country. Neftianik 7 no. 1:30-33 Ja '62.
In the oil regions of our country. Neftianik 7 no. 2:30-31 F '62.
March 18th is election day for the Supreme Soviet of the U.S.S.R. Neftianik 7 no. 2:1-2 F '62.
Petroleum monopolies in Russia in the light of Lenin's theory of imperialism. A. I. Poliakov. Trudy LKI no. 30:138-150 '60.
Problems of trade-union organizations of the petroleum and chemical industries in carrying out the decisions of the 22d Congress of the CPSU. V. Krivich. Neftianik 7 no. 1:1-2 Ja '62.
Prospects for development in the oil and gas industries of the U.S.S.R. between 1960 and 1980. Neft. khoz. 40 no. 1:1-6 Ja '62.

PETROLEUM INDUSTRY—ACCOUNTING
Compensation for expenditures on geological prospecting. A. Kh. Khairullin, V. I. Luzin, A. S. Samugullin. Geol. nefti i gaza 6 no. 2:23-27 F '62.

PETROLEUM INDUSTRY—BIBLIOGRAPHY see Bibliography—Petroleum industry

PETROLEUM INDUSTRY—EQUIPMENT AND SUPPLIES
Pumping the residue of petroleum products from storage tanks. N. A. Nikolaev. Neftianik 7 no. 1:18 Ja '62.

PETROLEUM INDUSTRY—HYGIENIC ASPECTS
Hygienic evaluation of standard projects for plants in the petroleum and petrochemical industries [with summary in English] M. S. Davidson. Gig. truda i prof. zab no 2 15-19 '62.

PETROLEUM INDUSTRY—HYGIENIC ASPECTS—CONGRESSES
Conference on the problems of industrial hygiene, industrial diseases and industrial toxicology in the petroleum and petrochemical industries (May 30-June 2, 1961 in Ufa). M. M. Gimadeev. Kaz. med zhur. no 6 85-87 N-D '61.

PETROLEUM INDUSTRY—TECHNOLOGICAL INNOVATIONS
Device for gathering petroleum products. T. Skichko. Neftianik 7 no 1 19 Ja '62

PETROLEUM PRODUCTS
(see also subdivision under United States)
Pyrolysis of petroleum products in coke ovens. V. D. Frishberg. Koks i khim. no 12 32-33 '61.

PETROLEUM PRODUCTS—SPECTRA
Structure of oxygen and nitrogen compounds of ligroine-kerosine petroleum fractions studied by infrared spectroscopy. B. G. Savinkov, IA. B. Chertkov, P. L. Klimenko. Zhur. prikl. khim. 35 no. 2:398-404 F '62.

PETROLEUM PRODUCTS—THERMAL PROPERTIES
Estimated equation of the heat conductivity of heavy petroleum products. Z. I. Geller, IU. L. Rastorguev. Teploenergetika 9 no 2,93-95 F '62.

PETROLEUM REFINERIES
We are raising the technical level of new plants. P. M. Riabykh, I. M. Klintskin. Neftianik 7 no. 1:22 Ja '62.

PETROLEUM REFINERIES—EQUIPMENT AND SUPPLIES
Efficient grouping of the chambers of a petroleum refinery tubestill. A. A. Akhmedzade Azerb. neft. khoz 40 no 8,41-43 Ag '61.
Russia (1917- R.S.F.S.R.) Ministerstvo stroitel'stva. Upravlenie kadrov. Metodicheskii kabinet. [Equipment for the petrochemical industry and oil and gas refineries; program and tests for correspondence technical school courses "Installation and maintenance of industrial equipment"] Oborudovanie predpriiatii neftegazopererabatyvaiushchei i neftekhimicheskoi promyshlennosti; programma i kontrol'nye raboty dlia zaochnogo obucheniia po spetsial'nosti tekhnikumov "Montazh i remont promyshlennogo oborudovaniia." Moskva, 1959. 14 p.
[MICROFILM]
Vikhman, G. L., and S. A. Kruglov. [Principles of the design of equipment and machines for petroleum refineries] Osnovy konstruirovaniia apparatov i mashin neftepererabatyvaiushchikh zavodov. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1962. 110 p.

PETROLEUM REFINERIES—SAFETY MEASURES see subdivision under Ufa

PETROLEUM WASTE
Sewer systems for sections of filling stations of petroleum products pipelines. IA. A. Karelin, M. L. Belinskii. Neft. khoz. 40 no. 1:58-64 Ja '62

PETROLEUM WORKERS
(see also subdivision under Nebit-Dag region)
Trade-union life. Neftianik 7 no. 2 28-29 F '62.

PETROLEUM WORKERS—EDUCATION AND TRAINING
From the school desk to the lathe. I. Makhrova. Neftianik 7 no. 1:25 Ja '62.

PETROLOGY
(see also subdivision under Caucasus, Northern; Crimea; Dar'yal Gorge; Kachkanar region, Kyasaman region; Lena Valley, West Siberian Plain)
Frants IUl'evich Levinson-Lessing and some basic problems of modern petrography; on the 100th anniversary of his birth, 1861-1939. E. K. Ustiev. Izv. AN SSSR, Ser. geol. no. 3:3-21 Mr '61.
Role of Academician F. IU. Levinson-Lessing in the development of Russian experimental petrography. Izv. AN SSSR, Ser. geol. no. 3:61-68 Mr '61.
Structure of the earth's crust and some problems of petrography. G. D. Afanas'ev. Izv. AN SSSR, Ser. geol. no. 3:22-35 Mr '61.

PETROLOGY—CONGRESSES
Fifth All-Union Lithological Conference. V. I. Bgatov, IU. P. Kazanskii, V. P. Kazarinov. Sov. geol. 5 no. 1: 177-180 Ja '62.

PETROV, FEDOR NIKOLAEVICH, 1876-
An old communist. A. Veresov. Neva no. 10: 140-141 '61.

PETROZAVODSK—ARTERIOSCLEROSIS
Atherosclerosis according to autopsy data from Petrozavodsk [with summary in English]. V. A. Samsonov. Arkh. pat. no. 2:37-42 '62.

PHAGOCYTOSIS
Increased phagocytic activity of the leucocytes in carp under the influence of levomycetin [with summary in English]. IU. D. Nechiporenko, V. A. Kulazhko Antibiotiki 7 no 1:50-52 Ja '62.
Influence of prednisolone on the phagocytic activity of leukocytes in the blood [with summary in English]. N. P. Beklemisheva Zhur. mikrobiol., epid i immun 32 no. 9:102-105 S '61.
Phagocytosis reaction in the treatment of pyorrhea alveolaris by autohemotherapy. O. G. Datsenko Prokl stom. 5:114-121 '60.
Study of some immune reactions in children in various types of higher nervous activity Z. N. Brike Trudy Inst. vys. nerv. deiat. Ser. patofiziol 8:58-64 '61

PHARMACOLOGY
Effect of some pharmacological substances on oxygen consumption by a "dry" myocardium of the isolated dog heart. L. V. Rozenshtraukh. Dokl AN SSSR 140 no 5: 1220-1222 O '61.
Pharmacology of the smooth musculature of the blood vessels F. P. Trinus, A. I. Cherkes Vest AMN SSSR 16 no 12:74-79 '61

PHARMACY
(see also subdivision under Abkhazia; Alaverdi, Baku; Kazakhstan; Leningrad; Uzbekistan)
"Uchenye zapiski" of Pyatigorsk Pharmaceutical Institute, 1959, v. III Reviewed by N. S. Mikriukova. Apt. delo 10 no 6,84-87 N-D '61

PHARMACY—BIBLIOGRAPHY see Bibliography—Pharmacy

PHARMACY—EQUIPMENT AND SUPPLIES
Sound signaling device for pharmaceutic sterilizers. F. R. Tarasov. Apt. delo 10 no. 6:61-62 N-D '61.

PHARYNX—SURGERY
Variant of plastic surgery for a defect in the anterior wall of the pharynx following laryngectomy N. R. Rastopchin. Vest otorin no. 2 46-49 '62

PHARYNX—TUBERCULOSIS
Tuberculoma of the pharynx. S. A. Chernukha. Zhur. ush., nos., i gorl. bol. 20 no. 6:82-83 N-D '60.

PHASE RULE AND EQUILIBRIUM
Blantor, M. E. [Phase transformations during the heat treatment of steel] Fazovye prevrashcheniia pri termicheskoi obrabotke stali. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1962. 268 p.
Calculations of thermodynamic carbon activity in iron-carbon-phosphorus alloys. A. A. Zhukov. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 1:36-41 Ja-F '62.
Effect of the composition of cementation phases on certain mechanical properties of WC - Co and WC - Ni ceramic metal hard alloys L. N. Chaporova, E. A. Shchetilina, S. I. Serebrova. Sbor. trud. VNIITS no. 2, 90-104 '60.
Equilibrium phases in the system $Na_2O - Al_2O_3 - CaO - SiO_2 - H_2O$. E. Z. Vydrevich. Zhur. prikl. khim. 35 no. 2:205-209 F '62.
Heredity of the structure of dislocations in phase transformations. L. I. Mirkin. Dokl. AN SSSR 142 no. 6: 1289-1290 F '62.
Investigating interaction processes of the lower titanium oxides with ilmenite. V. A. Reznichenko, T. P. Ukolova. Titan i ego splavy no. 5:75-78 '61.
Investigating structural transformations in nickel-chromium-niobium alloys. B. G. Livshits, V. B. Osvenskii. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 1:139-146 Ja-F '62.
Investigation of phase transformations in steel during heating. V. S. Vlasov. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 1:134-138 Ja-F '62.
Liquid-vapor equilibrium in the system isobutyl alcohol - isomeric xylenes. IU. N. Garber, R. A. Bovkun, F. N. Efimova. Zhur. prikl. khim. 35 no. 2:416-422 F '62.
Phase diagram of the system $BaO - SiO_2$ in the area of higher silicon content. R. G. Grebenshchikov, N. A. Toropov. Dokl AN SSSR 142 no. 2:392-395 Ja '62.
Redistribution of carbides as one of the forms of the lack of structural stability in steel. B. I. Bruk, A. S. Zav'ialov. Metalloved. i term. obr. met. no. 3 14-18 Mr '62
Specific heat (c_v) of water and water vapor in phase transitions and supercritical parameters Kh. I. Amirkhanov, A. M. Karimov. Dokl AN SSSR 142 no 5: 1101-1104 F '62.
Vapor-liquid equilibrium in the system furfurole - water - acetic acid. IU. A. TSirlin. Zhur. prikl khim. 35 no. 2:409-416 F '62.
X-ray investigation of phase transformations in austenite-ferrite IKh25N13-type deposition metal. N. IA. Karasik, N. E. Shlepianova. Avtom. svar. 15 no. 3 13-18 Mr '62.

PHENANTHRENECARBOXYLIC ACID
Stereochemistry of cyclic compounds. Part 43: Stereochemistry of the diene condensation of trans-1-vinyl-6-acetoxy-8-methyl-Δ^1-octalin with maleic anhydride, and some transformations of dicarboxylic acids of the phenanthrene series. I. A. Gurvich, I. M. Mil'shtein, V. F. Kucherov. Zhur. ob. khim. 31 no. 12:3930-3945 D '61.

PHENOL CONDENSATION PRODUCTS

Characteristic changes of the mechanical properties of resol-type phenol-formaldehyde resins taking place in the process of hardening. L. A. Lenin, M. M. Mirakhmedov. Plast. massy, no. 2, 13-20 '62.

Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Instructions SN 177-61 on designing the heating and ventilation of plants manufacturing phenol formaldehyde resins by the batch process] Ukazaniia po proektirovaniiu otopleniia i ventiliatsii tekhnologicheskogo proizvodstva fenoloformal'degidnykh smol periodicheskomu metodu SN 177-61. Utverzhdeny 15 avgusta 1961 g. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 26 p.

PHENOLASES

Effect of electrification of fruits on the fermenting activity of polyphenoloxidases. S. L. Ivanko. Izv. vys. ucheb. zav., pishch. tekh., no. 6, 59-62 '61.

PHENOLS

Alkylation of phenol by isoamyl alcohol in the presence of sulfuric or orthophosphoric acid. M. G. Imaev. Izv. vys. ucheb. zav., neft' i gaz, 4, no. 5, 75-78 '61.

Alkylphenols and alkylarylphenols as inhibitors of α-pinene autoxidation. F. N. Nogmova, M. P. Petunina. Dokl. AN BSSR, 6, no. 1, 39-41 Ja '62.

Effect of the composition of shale phenols on the process of nitration and pesticidal properties of nitro products. A. I. Bakulev, et al. Khim. i tekh. gor. slan. i prod. ikh pererab., no. 8, 167-174 '60.

Expediency in producing crude phenols in coke-chemical plants during the decomposition of phenolates by the carbonic acid of blast-furnace gas or products of its combustion. G. D. Kharlampovich. Koks i khim., no. 12, 44 '61.

Improving the production of synthetic phenol. A. B. Volf-Epshtein. Vest. AN SSSR, 32, no. 2, 49-50. F '62.

Inhibitors of free radical reactions. Report No. 1. Synthesis of trialkyl-substituted phenols and their derivatives. K. M. Dumaev, G. A. Nikiforov. Neftekhimiia, 1, no. 1, 83-90. Ja-F '61.

Maximum admissible phenol concentration in atmospheric air. B. Mukhitov. Zdrav. Kazakh., 21, no. 6, 65-68 '61.

Processing of phenolic resin obtained in the production of phenol via cumene. A. B. Volf-Epshtein, M. N. Zharova, V. V. Surovtseva. Khim. prom., no. 2, 88-93. F '62.

Simple glycol ethers and their derivatives. Part 41: Synthesis of alkoxy derivatives of methyl ethers of dihydric phenols. Shamkhal Mamedov, A. R. Mamedova. Zhur. ob. khim., 32, no. 2, 407-410. F '62.

Isolation of phenols of the middle cut of shale tar. E. E. Feofilov and others. Khim. i tekh. gor. slan. i prod. ikh pererab., no. 3, 210-216 '60.

Synthesis of the preparation 125 from phenols of tars produced by semicoking of Baltic shales and Cheremkhovo coals. G. N. Gainovskaia and others. Khim. i tekh. gor. slan. i prod. ikh pererab., no. 8, 175-185 '60.

Utilization of shale and coal phenols for the synthesis of chemicals for plant protection. A. I. Kulikov and others. Khim. i tekh. gor. slan. i prod. ikh pererab., no. 8, 152-158 '60.

Utilization of shale phenols for extractive distillation. E. F. Petuknov. Khim. i tekh. gor. slan. i prod. ikh pererab., no. 8, 186-189 '60.

PHENOLS—PHYSIOLOGICAL EFFECT

Renal tumors produced with estradiol and diethylstilbestrol in golden hamsters [with summary in English]. R. I. Polikina. Vop. onk., 7, no. 7, 35-41 '61.

PHENOTHIAZINE

Use of phenothiazine (thiodiphenylamine) as an antifatigue agent for vulcanizates from NK, SKI, and SKS-30AM. S. N. Tarasova and others. Kauch. i rez., 20, no. 9, 15-18. S '61.

PHENOXAZINE

Phenoxazine series. Part 5. 2-Aminophenoxazine and other 2-substituted derivatives of phenoxazine. G. S. Predvoditeleva, M. N. Shchurina. Zhur. ob. khim., 32, no. 1, 113-117. Ja '62.

PHENOXIDES

Decomposition of phenolates by domestic coal shale gas under pressure. V. N. Lapin, M. O. Preis, E. E. Feofilov. Khim. i tekh. gor. slan. i prod. ikh pererab., no. 8, 190-194 '60.

PHENYL

Calculation of the energy level position for diphenyl, phenyl pyridines, and phenyl pyrilium salts. Z. Simon. Opt. i spektr., 12, no. 1, 21-31 Ja '62.

PHILIPPINES—DESCRIPTION AND TRAVEL

Philippine diary. L. Kolesnikov. Aziia i Afrika segodnia, no. 2, 35-37. F '62.

PHILOLOGY—BIBLIOGRAPHY see Bibliography—Philology

PHILOSOPHY

Dmytrychenko, V. S. [Studies on the history of the sociopolitical and philosophical ideas of the peoples of the U. S. S. R. in the feudal period, from the 7th to the 17th century] Narysy z istorii suspil'no-politychnoi ta filosofs'koi dumki narodiv SRSR doby feodalizmu, VII-XVII st. st. vkliuchno. [Kyiv] Vyd-vo Kyivs'kobo univ., 1961. 158 p.

Grosser, Paul K. [The nihilism of John Dewey. Translated from the English] Nigilizm Dzhona D'iui. Predislovie i obshchaia red. L. A. Shervashenko. Moskva, Izd-vo inostr. lit-ry, 1958. 285 p. (NN)

Lenin, V. I. [Materialism and empiriocriticism; critical notes on a reactionary philosophy] Materializm i empiriokrititsizm, kriticheskie zametki ob odnoi reaktsionnoi filosofii. Moskva, Gos. izd-vo polit. lit-ry, 1961. 396 p.

Moscow. Akademiia obshchestvennykh nauk. [Critique of present-day bourgeois philosophy and sociology] Kritika sovremennoi burzhuaznoi filosofii i sotsiologii. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1961. 270 p.

PHILOSOPHY—BIBLIOGRAPHY see Bibliography—Philosophy

PHILOSOPHY—PERIODICALS

Conference with our readers. N. B. Pynin, I. S. Koz'meva. Vop. filos., 16, no. 2, 154-159 '62.

"Deutsche Zeitschrift fuer Philosophie," a German periodical. Vop. filos., 16, no. 2, 183 '62.

PHILOSOPHY—RESEARCH

The 22d Congress of the CPSU and the objectives of philosophical studies. P. N. Fedoseev. Vop. filos., 16, no. 3, 14-30 '62.

PHILOSOPHY—STUDY AND TEACHING (see also subdivision under Azerbaijan)

All-Union conference of the heads of social science departments in the institutions of higher learning. B. V. Gaubikh, A. D. Smirnov, S. T. Kaltakhchian. Vest. vys. shkoly, 20, no. 3, 7-35. Mr '62.

Our experience in the organization of philosophical education. R. N. Blium, L. O. Vait. Vop. filos., 16, no. 3, 146-147 '62.

PHILOSOPHY, ARMENIAN

Basic problems in the history of Armenian philosophy [in Armenian with summary in Russian]. V. K. Chaloian. Lit.-filol. kur., no. 3/1, 273-290 '61.

PHILOSOPHY, CHINESE

Akademiia nauk SSSR. [Selected works of modern progressive Chinese philosophers, 1840-1898. Translated from the Chinese] Izbrannye proizvedeniia progressivnykh kitaiskikh myslitelei novogo vremeni, 1840-1898. Vstup. stat'ia N. G. Senina. Moskva, 1961. 299 p.

PHILOSOPHY, GERMAN—PERIODICALS

"Deutsche Zeitung fuer Philosophie," a German periodical. Vop. filos., 16, no. 3, 179 '62.

PHILOSOPHY, HINDU

New Soviet studies in the field of Hindu philosophy. V. P. Shestakov. Vop. filos., 16, no. 3, 178 '62.

PHILOSOPHY, JAPANESE

The basic problem of philosophy as presented in the works of the Japanese bourgeois philosopher Kitaro Nishida. Iu. B. Kozlovskii. Nauch. dokl. vys. shkoly; filos. nauki, 5, no. 1, 131-139 '62.

Radul'-Zatulovskii, Ia. B. [Ando Shoeki, a materialist philosopher of the 18th century] Ando Seeki - filosof materialist XVIII veka. Moskva, Izd-vo vostochnoi lit-ry, 1961. 210 p.

PHILOSOPHY OF SCIENCE see Science—Philosophy

PHLEBITIS

Case of Chiari's disease in a 1-year-old child. M. M. Cherniak, N. A. Klinberg. Pediatriia, 41, no. 3, 69-70 '62.

Diagnosis and treatment of phylephlebitis, mesenteric phlebitis, arising as a result of acute appendicitis. I. F. Borodin. Zdrav. Bel., 7, no. 12, 33-34. D '61.

Operative treatment of hemorrhoids complicated by acute thrombophlebitis. B. D. Dobychin, K. V. Luzhnov. Nov. khir. arkh., no. 3, 38-43. My-Je '60.

Prolonged block of the sympathetic trunk of the lumbar segment in treating thrombophlebitis of the deep veins of the lower extremities [with summary in English]. T. P. Makarenko, A. M. Rishov. Vest. khir., no. 2, 70-74 '62.

PHLEGMON

Intestinal phlegmons. V. M. Grishkevich. Zdrav. Bel., 7, no. 6, 48-49. Je '61.

Phlegmon of the intestine. A. E. Aronin. Nov. khir. arkh., no. 1, 80-84. Ja-F '60.

Phlegmon of the small intestine. D. N. Tikhomirov. Nov. khir. arkh., no. 3, 38. My-Je '60.

PHLOX

Propagation of perennial phloxes by cauline cuttings. N. I. Ivanov. Biol. v shkole, no. 2, 84. Mr-Ap '62.

PHONENDOSCOPE

Obstetric stethophonendoscope. A. S. Yaroslavtsev. Fel'd. i akush., 26, no. 11, 21-23. N '61.

PHONORECORDS

Records now being sold. Sov. muz., 26, no. 2, 143. F '62.

PHOSPHATASE

Activity of the alkaline phosphatase of the blood serum in Botkin's disease. I. E. Gobiavskii. Ku[illegible], no. 6, 19-20. N-D '61.

Amount of phosphatase and enterokinase in feces of infants in dysentery. L. F. Pinaylov. Med. [illegible], no. 2, 27-28. I '60.

Normal amount of alkaline phosphatase in the blood plasma in children. E. V. Pashkovskii, V. S. [illegible]. Med. biul., Ufa, no. 2, 35-36. I '60.

Specific differences of phosphomonoesterase enzymes. Adams. I. v AN Arm. SSR, Biol. nauki, 15, no. 1, 81. Ja '62.

PHOSPHATE COATING

Cold parkerizing. A. P. Krutikov. Mashinostr., no. 12, 73-74. Je-F '62.

PHOSPHATES

(see also solubilization under Baltic Sea, Moscow region, Volga Valley)

Possibilities of using phosphate meal in the [illegible]. G. I. Gorodin. Zemledelie, 24, no. 1, 58. Ja '62.

Results of studying time and methods for applying [illegible] phorus to cotton by means of tagged atoms. I. I. Rostovtsev. Sbor. nauch. -issl. rab. UzNIIKh, no. 7, 77-80. '59.

PHOSPHATIDES

Intensity of phospholipid metabolism in the central nervous system during acute cooling and subsequent rewarming. S. V. Gaganova, D. A. Chetverikov. Dokl. AN SSSR, 141, no. 5, 1180-1181. F '62.

PHOSPHAZO COMPOUNDS

New method of preparing trichlorophosphazo compounds. Derbach and others. Zhur. ob. khim., 32, no. 1, [illegible]. Ja '62.

Phenyldichloro- and diphenylchlorophosphazo compounds and trichloromethylvinyl and their derivatives. [illegible]kol, G. I. Derbach, A. V. Kirsanov. Zhur. ob. khim., 32, no. 1, 166-171. Ja '62.

PHOSPHINE

New method of synthesis of tertiary aliphatic, aliphatic-aromatic phosphines, and methylolphosphines. [illegible] Petrov, V. A. Pundikina, M. B. Lazarenova. Zhur. ob. khim., 32, no. 2, 564-567. F '62.

Reaction of aqueous formaldehyde with phosphine. [illegible], 1, 1, 2, 2-tetrafluoroethylphosphine. Kh. B. [illegible], Bruker, I. F. Soborovskii. Zhur. ob. khim., 32, no. 2, 588-590. F '62.

Synthesis of allyl (aryl) tetrafluorophosphines and diethyltrifluorophosphines and their interaction with inorganic sulfides. I. P. Konukov and others. Zhur. obshch. khim., 32, no. 1, 101-107. Ja '62.

Synthesis of bifunctional organophosphorus compounds. Report No. 1. Addition of phenylphosphine to unsaturated compounds. B. A. Arbuzov, S. M. Vinokurova, [illegible] sandova. Izv. AN SSSR, Otd. khim. nauk, no. 2, 257-264. F '62.

PHOSPHINIC ACID

Alkyl esters of N-dialkoxyphosphinylalkanesulfonic acids. G. I. Derbach, A. M. Lapena, A. V. [illegible]. Zhur. ob. khim., 32, no. 1, 171-174. Ja '62.

Conjugation in the systems having a tetrahedral atom. Diarylphosphinic acids. M. I. Kabachnik, T. A. [illegible]kova, T. A. Melent'eva. Zhur. ob. khim., 32, no. 2, 527-532. Ja '62.

Di-β,β'-chloroethyl ester of vinylphosphinic acid as a starting material in the production of hardening phosphorus-containing polyesters. E. I. Gefter, A. [illegible]shev. Plast. massy, no. 2, 49-51. '62.

New method of synthesizing esters of phosphinic and thiophosphinic acids. Part 36: Synthesis of the esters of phosphinic acids with cyclic radicals in the ester groups. A. N. Pudovik, G. P. Krupnov. Zhur. ob. khim., 31, no. 12, 4053-4055. D '61.

New method of synthesizing phosphinic and thiophosphinic acid esters. Part 37: Addition of nucleophilic reagents to butadiene- and methylbutadienephosphinic acid esters. A. N. Pudovik, I. V. Konovalova, E. A. Ishmaeva. Zhur. ob. khim., 32, no. 1, 237-241. Ja '62.

Organic insecticides-fungicides. Part 63: Synthesis of some derivatives of phosphinic acids. N. N. Mel'[illegible], IA. A. Mandel'baum, Z. M. Rakanova. Zhur. ob. khim., 31, no. 12, 3953-3956. D '61.

Phosphorylated chlorovinyl ketones. Part 6: β,β-bis-alkenylphosphinic acid esters. I. F. Luzenko, [illegible]lov, G. B. Postnikova. Zhur. ob. khim., 32, no. 1, 265-266. Ja '62.

Silicoorganic esters of methylphosphinic acid. N. [illegible]lov, M. G. Voronkov. Zhur. ob. khim., 32, no. 2, [illegible]. F '62.

Synthesis of alkylacetonophosphinyl dichlorides. [illegible] Ivin, I. D. Sheinkova. Zhur. ob. khim., 31, no. 12, 4052-4053. D '61.

PHOSPHINIC CHLORIDE

3-Arylcarbamidophenylphosphinic acids and their chlorides. V. I. Shevchenko, A. S. Shtepanek, A. V. Kirsanov. Zhur. ob. khim., 32, no. 1, 150-153. Ja '62.

PHOSPHINITHOIC ACID

New method of synthesizing esters of phosphinic and thiophosphinic acids Part 36. Synthesis of the derivatives of phosphinic acids with cyclic radicals in ester groups A. N. Pudovik, G. P. Krupnov Zhur. ob. khim 31 no 12;4053-4055 D '61

PHOSPHONITRILE CHLORIDE

Reaction of pyrrolidine with phosphonitrilic chloride trimer. A. A. Kropacheva, N. M. Kashnikova Zhur. ob. khim 32 no 2,852 F '62.

Reactions of phosphonitrilic chloride trimer Part 1. Reaction of substitution of the chlorine atoms in a phosphonitrile chloride trimer by morpholine A. A. Kropacheva, L. E. Mukhina Zhur. ob. khim 32 no 2;521-525 F '62.

Some properties of oil-like oligomers of phosphonitrile chloride. S. M. Zhivukhin, V. B. Tolstoguzov, M. M. Levitskii. Zhur. prikl. khim 35 no 2;290-295 F '62

PHOSPHORANE

Syntheses in the domain of 5-nitrofuryl-2-polyalkenals and 5-nitrofuryl-2-polyalkenones. Reaction of carbethoxymethylene-triphenylphosphorane and acetylmethylene triphenylphosphorane with α,β-unsaturated and polyene aldehydes of the 5-nitrofuran series K. K. Venter and others. Dokl. AN SSSR 140 no 5 1073-1075 O '61

PHOSPHORIC ACID

Reactions of ethyleneamides of phosphorus acids with some unsaturated acids and allylamine. N. P. Grechkin, I. A. Nuretdinov Izv. AN SSSR, Otd. khim. nauk no. 2 295-298 F '62.

PHOSPHORITES see subdivision under Estonia

PHOSPHOROUS ACID

Reaction of carbon disulfide with sodium diethylphosphite. B. A. Arbuzov, E. N. Dianova, R. R. Shagidullin Zhur. ob. khim 31 no 12,4015-4019 D '61.

Reaction of dialkylphosphorous acids with 2,4-tolylene-diisocyanate. E. V. Kuznetsov, M. I. Bakhtiov Zhur. ob. khim 32 no 1,270-270 Ja '62.

Structure of products of addition of trialkyl phosphites to α-diketones. V. A. Kukhtin, K. M. Kirillova, R. R. Shagidullin Zhur. ob. khim. 32 no 2,648-650 F '62

PHOSPHORS

Development of the exoelectronic emission method for investigating the trapping levels in crystal phosphors and its use for studying the trapping levels in CaS and SrS phosphors V. L. Levshin, P. A. Pipinis Opt. i spektr. 12 no. 2;260-264 F '62.

Effect of an electric field on the radical recombination luminescence of ZnS, CdS-Cu phosphor. A. N. Gorban', V. A. Sokolov. Opt. i spektr. 12 no 1;116-117 Ja '62

Increasing the sensitivity of the spectral analysis of pure luminophors L. IA. Khlebnikova, V. N. Vasil'eva, L. A. Dvorzhetskaia. Zav. lab. 28 no 1-45-46 '62

Luminescence of powdery phosphors in an electric field. I. L. Kolomeitsev, V. P. Izotov, E. V. Stanei. Opt. i spektr. 12 no. 1;127-129 Ja '62.

Steady luminescence of ZnS phosphor. Part 1 K.-S. K. Rebane. Opt. i spektr. 12 no. 2;254-258 F '62.

Temperature dependence of the phosphorescence of organic phosphors. V. A. Pilipovich. Dokl. AN BSSR 6 no. 2;90-93 F '62.

PHOSPHORS—SPECTRA

Luminescence centers of alkali halide phosphors doped with divalent metals. N. I. Ivanova, A. P. Zhukovskii Opt. i spektr. 12 no. 1;114-116 Ja '62.

Photoluminescence of heavy metal halides and semiconductor crystals M. U. Belyi, I. S. Gorban', A. A. Shishlovskii Izv. AN SSSR Ser fiz 26 no. 1 109-112 Ja '62

PHOSPHORS—THERMAL PROPERTIES

Temperature effects in boron luminophors. M. D. Khalupovskii. Opt. i spektr. 12 no 1-81-85 Ja '62

PHOSPHORUS

Distribution of dispersed amounts of manganese, iron, and phosphorus in the manganese-bearing deposits of the Georgian S. S. R. G. IU. Butuzova, L. E. Shterenberg. Dokl. AN SSSR 142 no. 6 1395-1398 F '62

Effect of phosphorus on erythromycin biosynthesis [with summary in English]. S. L. Birnberg Antibiotiki 7 no 1;16-22 Ja '62.

Laboratory study of the methods of preparing phosphorus copper by treating solid and molten copper with gaseous phosphorus. V. M. Bazilevskii, A. A. Voskresenskii. Trudy Giprotsvetmetobrabotka no. 20 287-304 '61

PHOSPHORUS—ISOTOPES

Absorption of radioactive phosphorus by the stomach in peptic ulcer of the stomach and duodenum and in cancer of the stomach. S. R. Levaniuk. Nov. khir arkh. no. 2; 53-58 '62.

Distribution of mycobacteria tuberculosis labelled with radioactive phosphorus in the bodies of the guinea pigs following intravenous inoculation [with summary in French]. O. P. Arkhipova, O. A. Uvarova. Probl tub. no. 2;74-83 '62.

Slow electrons in β-decay of P^{32} I. I. Badenko, E. E. Berlovich, V. G. Fleisher. Izv. AN SSSR Ser fiz. 26 no 2 197-201 F '62.

Use of small doses of radioactive phosphorus in the treatment of epilepsy. G. G. Sokolianskii, E. D. Dubovyi, IU. L. Kurako Vrach delo no 1;72-75 Ja '62.

PHOSPHORUS—SPECTRA

Deviations from the allowed form of the β-spectrum of P^{32} [with summary in English]. Ch'ing Ch'êng-jui Zhur. eksp. i teor. fiz 42 no. 2;364-369 F '62.

PHOSPHORUS ACID

Reactions of phosphorus acid chlorides with glycerol epichlorohydrin and glycidol ethers. A. N. Pudovik, E. M. Fatzullin Zhur ob khim 32 no. 1 231-237 Ja '62.

Reactions of vinyl acetate with partial esters of phosphorus acids. A. N. Pudovik, I. V. Konovalova Zhur ob khim. 32 no 2,467-471 F '62

PHOSPHORUS CHLORIDE

Aromatic compounds with a long side chain. Part 6 Reactions of alkyl-(4-chlorophenyl) ketones with phosphorus pentachloride L. N. Nikolenko, S. I. Popov. Zhur. ob khim 32 no 1 29-32 Ja '62.

PHOSPHOROUS-CHROMIUM ALLOYS see Chromium-phosphorous alloys

PHOSPHORUS METABOLISM

Effect of foliar feeding of potassium phosphate on the translocation and metabolism of phosphorus compounds [in Latvian]. A. Kreicbergs. Izv. AN Latv. SSR no 1 85-90 '62.

Metabolism of labile phosphorus compounds in muscle tissues during chronic X-irradiation. V. G. Remberger Dokl AN BSSR 6 no 1 56-59 Ja '62

Study of the effect of saluzide on the metabolism of phosphorus compounds in the liver in experimental tuberculosis by means of radioactive phosphorus [with summary in French]. O. G. Shchepetil'nikova Probl tub. no 2 83-91 '62

PHOSPHORUS ORGANIC COMPOUNDS

Diethyleneimidophosphoryl and diethyleneimidothiophosphoryl derivatives of amino acids and peptides I. L. Knuniants and others Dokl. AN SSSR 142 no 2 370-373 Ja '62.

Generosity that must be won. V. Azernikov. Nauka i zhizn' 28 no. 12;33-36 D '61.

Organic insecticide-fungicides. Part 62: Synthesis of new derivatives of phosphonoacetic acid. N. N. Melnikov and others Zhur. ob. khim 31 no. 12;3949-3953 D '61.

Phosphorus aryltrifluoromonohydrides. Zh. M. Ivanova, A. V. Kirsanov Zhur. ob. khim 31 no 12;3991-3994 D '61.

Reaction of diphenyl phosphorus trichloride and diphenyl phosphorus dichloride with urethan [with summary in English]. O. V. Kirsanov, A. S. Shtepanek, V. I. Shevchenko Dop. AN URSR no 1 63-65 '62

Synthesis of stereoisomeric cyclic organophosphorus compounds I. Kh. Fel'dman, A. I. Berlin. Zhur. ob. khim 32 no 2;575-579 F '62

Trianilidophosphazo-N-arylsulfonylaminobenzoyls and N-dianilidophosphinyl-N'-arylsulfonylbenzamidines G. I. Derkach, G. F. Dvorkval', A. V. Kirsanov Zhur. ob. khim. 32 no 1 154-159 Ja '62.

Use of tert-butyl hydroperoxide for the quantitative determination of tri-n-butyl- and triphenyl phosphites [with summary in English]. S. I. Bass Zhur anal khim. 17 no. 1;113-116 Ja-F '62

PHOSPHORUS ORGANIC COMPOUNDS—TOXICOLOGY

Clinical aspects and treatment of acute intoxication from organophosphorus compounds M. S. Rozhkova. Med. zhur. Uzb no 12 28-31 D '61

PHOSPHORUS SULFIDE

Action of phosphorus pentasulfide on 2-acetylaminothionaphthen-3-one. Z. I. Miroshnichenko, M. A. Al'perovich Zhur ob. khim. 32 no 2;612-613 F '62.

Polysulfides of arsenic and phosphorus. V. V. Illarionov, S. V. Mel'nikova, A. I. Soklakov. Dokl. AN SSSR 142 no. 2 366-369 Ja '62

PHOSPHORUS-TITANIUM ALLOYS see Titanium-phosphorus alloys

PHOSPHOTHOIC ACID

Organic insecticide-fungicides. Part 61: Synthesis of some mixed ethyl mercaptoethyl thiophosphates. IA. A. Mandel'baum and others. Zhur. ob. khim. 31 no. 12; 3947-3949 D '61.

PHOSPHOTRANSACETYLASE

Effect of chloramphenicol (levomycetin) on the activity of acetylphosphatase and phosphotransacetylase of E. coli [with summary in English]. A. I. Korotiaev. Antibiotiki 7 no 2;150-153 F '62.

PHOTOCHEMISTRY

Svarcs, K. [Chemistry of light; photochemical reactions] Gaismas kimija, fotokimiskas reakcijas. Riga, Latvijas Valsts izdevnieciba, 1961. 85 p. (Populari zinatniska biblioteka) [In Latvian]

PHOTOCONDUCTIVITY

Absorption and photoconductivity of activated films of amorphous selenium. G. A. Andreeva Fiz. tver. tela 4 no. 2 538-541 F '62.

Characteristic of extrinsic photoconductivity of a semiconductor with several types of local levels in the forbidden zone. L. G. Paritskii Fiz. tver. tela 4 no. 2 470-477 F '62.

Determination of semiconductor parameters by means of the photomagnetic effect compensated by photoconductivity. V. A. Petrusevich. Fiz. tver. tela 4 no 2 461-464 F '62.

Negative photoconductivity in germanium at the temperature of liquid helium. V. P. Dobrego, S. M. Ryvkin. Fiz. tver. tela 4 no. 2;553-555 F '62.

New type of alternating photoconductivity of cadmium sulfide crystals. V. F. Bibik, P. G. Bortsak Fiz. tver. tela 4 no. 1, 206-207 Ja '62.

Photo-Hall effect and photoconductivity in a magnetic field. V. N. Dobrovol'skii. Fiz. tver. tela 4 no. 2 329-335 F '62.

PHOTOELASTICITY

Anisotropic problem of the photoelasticity. V. M. Krasnov. Issl. po uprug. i plast. no 1;127-138 '61.

Designation of terms in photoelasticity V. M. Krasnov. Issl. po uprug. i plast. no. 1 236-249 '61

PHOTOELECTRIC CELLS

Fok, M. V. [Theory of electroluminescent image converters] Teoriia elektroliuminestsentnykh preobrazovatelei izobrazhenii. Moskva, Izd-vo "Sovetskoe radio," 1961. 50 p

Sensitivity of germanium and silicon photocells in the region of impurity excitation. F. M. Berkovskii, S. M. Ryvkin. Fiz. tver. tela 4 no. 2 366-375 F '62.

Theory of a photodiode. IU. I. Ravich Radiotekh i elektron 7 no 3 525-535 Mr '62.

PHOTOELECTRIC MEASUREMENTS

Automation of astrometric measurements of photographs of the moon by means of a photoelectric device [with summary in English]. N. T. Rystsov. Astron. zhur. 39 no 1 146-150 Ja-F '62.

New method of testing the light resistance of fabrics. TA. I. Egkun Tekst. prom. 21 no 6;78-80 Je '61.

PHOTOELECTRIC MULTIPLIERS

Amplitude distribution of the output pulses of a photoelectric multiplier N. S. Khlebnikov, A. E. Melamid, T. A. Kovaleva. Radiotekh i elektron 7 no 3 518-524 Mr '62

PHOTOELECTRICITY

Determining the absorption coefficients for an electron stream in a solid on the basis of regular features of the X-ray photoemission from a massive photocathode. M. A. Rumsh, V. N. Shchemelev, Kh. Preis Fiz. tver. tela 4 no. 1;63-66 Ja '62.

Mechanism of the external photoeffect emanating from massive photocathodes under the action of X rays M. A. Rumsh, V. N. Shchemelev, Kh. Preis. Fiz tver. tela 4 no. 1;69-73 Ja '62.

Optical and photoelectric properties of mercury sulfide in the region of the fundamental absorption edge. E. F. Gross, F. I. Kreingol'd. Fiz. tver. tela 4 no. 1;291-293 Ja '62.

PHOTOENGRAVING

Principles of evaluating the quality of printing surfaces in line etching. K. R. IAnson. Sbor nauch rab VNIIPP no 11;101-108 '60.

PHOTOENGRAVING—HALFTONE PROCESS

Determining the properties of halftone screened photographic materials and principles of choosing the technology of preliminary halftone screening. K. R. IAnson. Sbor nauch rab. VNIIPP no. 11,3-33 '60

PHOTOGRAMMETRY see subdivision under Khorezm Province

PHOTOGRAPHIC EMULSIONS

Absorption spectra of the emulsions with polymethine dyes, derivatives of 3,4-benzoquinoline. E. B. Lifshits. Trudy NIKFI no 40;62-69 '60.

Adsorption of cyanine dyes to silver halides. S. V. Natanson, N. I. Sennikova. Trudy NIKFI no. 40;34-49 '60.

Complex compounds of polymethine dyes with silver ions. Part 3: Formation of silver complexes by thiatricarbocyanines containing various substituents in the polymethine chain. K. I. Pokrovskaia. Trudy NIKFI no. 40;86-94 '60.

Effect of the composition of the microcrystals of silver halide emulsions on the characteristics of the spectral sensitivity of photographic materials. S. V. Natanson, M. M. Kostina. Trudy NIKFI no 40;50-61 '60.

Some derivatives of benzothiazole. Part 7: Obtaining crystallic 2-methylbenzothiazole. A. F. Vompe. Trudy NIKFI no. 40;119-120 '60.

PHOTOGRAPHIC INTERPRETATION

Vol'pe, R. L., and N. S. Podobedov. [Topographical interpretation of aerial photographs in the compilation of maps at scales of 1:10,000 and 1:25,000] Topograficheskoe deshifrirovanie aerosnimkov pri sozdanii kart masshtabov 1:10 000 i 1:25 000. Moskva, Izd-vo geodez lit-ry, 1961. 255 p.

PHOTOGRAPHIC LENSES see Lenses, Photographic

PHOTOGRAPHIC SENSITOMETRY

Effect of the composition of the microcrystals of silver halide emulsions on the characteristics of the spectral sensitivity of photographic materials. S. V. Nataneon, M. M. Kostina. Trudy NIKFI no. 40,50-61 '60.

PHOTOGRAPHIC SHUTTERS see Shutters, Photographic

PHOTOGRAPHIC SURVEYING

Experimental investigation of the instrument for the compilation of plans for a terrestrial stereosurvey. I. A. Kaganskii. Izv. vys. ucheb. zav., prib. 5 no. 1:97-105 '62.

PHOTOGRAPHY

About sharpness and lack of sharpness of pictures (to be continued). A. Vedenov. Sov. foto 22 no. 3:36-37 Mr '62.

For peace and progress. E. Einhorn, N. Hall, L. Antonov. Sov. foto 22 no. 3:14-17 Mr '62.

The idea did not materialize, answering the amateur photographer. L. Dodin. Sov. foto 22 no. 3:30 Mr '62.

Kaibanov, A. S. [Handbook on photography] Fotograficheskii spravochnik [Stalingrad] Stalingradskoe knizhnoe izd-vo, 1961. 127 p.

Let's talk about your snapshots. P. Rafes. Sov. foto 22 no. 3:42-43 Mr '62.

News from everywhere. Sov. foto 22 no. 3:45-46 Mr '62.

"Photography techniques are very simple" (in German) by R. Mass, H. Bronowski. Reviewed by I. Petrov. Sov. foto 22 no. 3:41 Mr '62.

Wishing you keen vision, comrades! I. Zhukov. Sov. foto 22 no. 3:2-4 Mr '62.

PHOTOGRAPHY—EQUIPMENT AND SUPPLIES
(see also subdivision under Poland)

"Electronics in photography" by Iu. V. Shashin. Reviewed by G. Aleksandrov. Sov. foto 22 no. 3:41 Mr '62.

Leipzig, spring 1962. Sov. foto 22 no. 3:30 Mr '62.

Portable photographic laboratory. Iun. tekh. 6 no. 1:71-72 Ja '62.

PHOTOGRAPHY—SOCIETIES, ETC.
(see also subdivision under Taganrog)

At our "Thursdays." Sov. foto 22 no. 3:25-29 Mr '62.

PHOTOGRAPHY, ARTISTIC

Through the eyes of a photographer. Oleksii Podchekaiev. Ukraina no. 4:5 F '62.

PHOTOGRAPHY, PARTICLE TRACK

Tolstov, K. D. [Determination of the effectiveness of observations and the number of events] Opredelenie effektivnosti nabliudenii i chisla sobytii. Dubna, Ob"edinennyi in-t iadernykh issledovanii, 1962. 9 p. [With summary in English]

PHOTOGRAPHY, SUBMARINE

Submarine trophies. O. Khludova. Vokrug sveta no. 4:27-30 Ap '61.

PHOTOGRAPHY OF ANIMALS

Hunting without a gun. M. Voinstvenskyi. Nauka i zhyttia 11 no. 12:53-54 D '61.

PHOTOMAGNETIC EFFECT

Determination of semiconductor parameters by means of the photomagnetic effect compensated by photoconductivity. V. A. Petrusevich. Fiz. tver. tela 4 no. 2:461-464 F '62.

PHOTOMETERS

Automatic scanning photometer. N. V. Dzhordzhio. Geomag. i aer. 1 no. 6:1005-1008 N-D '61.

PHOTOMETRY

Photometric determination of pentoses in hydrolysates. O. B. Krafanskii, I. F. Budomanova, D. N. Lataeva. Izv. vys. ucheb. zav., pishch. tekh. no. 6:150-153 '61.

Photometric method of determining the cholinesterase activity of the blood serum. V. A. Saarma. Lab. delo 8 no. 2:22-24 F '62.

PHOTOMICROGRAPHY—EQUIPMENT AND SUPPLIES

Chamber for the constant observation and microcinematography of tissue cultures. A. M. Mosolov. Vop. virus. 6 no. 6:748-750 N-D '61.

PHOTONUCLEAR REACTIONS

Study of the photonuclear reaction $He^4(\gamma, np)D^2$ (with summary in English). T. L. Kopaleishvili, R. I. Dzhibuti. Zhur. eksp. i teor. fiz. 42 no. 2:467-470 F '62.

PHOTOPERIODISM

Role of photoperiodism in the seasonal development of the malaria mosquito Anopheles plumbeus Steph. (Diptera, Culicidae). E. B. Vinogradova. Dokl. AN SSSR 142 no. 2:481-483 Ja '62.

PHOTOSYNTHESIS

Photosynthetic characteristics of cotton. I. L. Zakhar'iants, L. Kh. Nasbar. Uzb. biol. zhur. no. 6:32-36 '61.

Using C^{14} for studying the photosynthetic balance in the plants of phytocoenoses. U. S. Nasyrov and others. Bot. zhur. 47 no. 1:86-89 Ja '62.

PHOTOSYNTHESIS—BIBLIOGRAPHY see Bibliography—Photosynthesis

PHTHALIC ACID

Synthesis and properties of dialkylepoxyhexahydrophthalates. L. A. Mukhamedova and others. Neftekhimiia 1 no. 1:88-92 Ja-F '61.

PHTHALIMIDE—SPECTRA

Role of donor-acceptor interaction in the effect exerted by a solvent on the fluorescence spectra of certain anthracene and phthalimide derivatives. A. S. Cherkasov. Opt. i spektr. 12 no. 1:73-80 Ja '62.

PHTHALOCYANINES

Role of complex-forming additions in the synthesis of phthalocyanines. Part 3: Mechanism and direction of the catalytic action of complex-forming additions in the synthesis of Fe-phthalocyanine. A. P. Rudenko. Zhur. ob. khim. 32 no. 2:531-538 F '62.

PHTHIVAZIDE

Pathohistological changes in tuberculosis of the skin during the process of treatment with phthivazide. N. IA. Terekhova. Probl. tub. no. 2:67-73 '62.

Results of treating children with tuberculous meningitis without endolumbar administration of streptomycin. S. V. Gamilitskaia. Zdrav. Kazakh. 21 no. 10:45-49 '61.

PHYLLOCLADIA

Nature of phylloclades of Ruscus hypophyllum L. G. A. Komar. Trudy Bot. inst. Ser. 7 no. 5:57-76 '62.

PHYSICAL ANTHROPOLOGY see Somatology

PHYSICAL EDUCATION AND TRAINING
(see also subdivision under Odessa)

All-round development of the individual and some problems of physical education. A. A. Frenkin. Vop. filos. 16 no. 3:39-49 '62.

Asoev, G. M., T. E. Norkina, and E. A. Fierovskii [Mental work and physical culture] Umstvennyi trud i fizicheskaia kul'tura. Moskva, Izd-vo "Fizkul'tura i sport," 1961. 48 p. (Bibliotechka "Fizkul'tura i zdorov'e," no. 6)

Bogdanov, IA. M., and G. M. Krakoviak. [Hygiene] Gigiena. Moskva, Izd-vo "Fizkul'tura i sport," 1961. 167 p. (DNLM)

Change in muscular strength following static efforts of varying duration at various stages of training. E. F. Il'in. Teor. i prak. fiz. kul't. 24 no. 1 2:910-912 '61.

Concern of the Communist Party for the physical education of the Soviet people. Teor. i prak. fiz. kul't. 24 no. 10:721-726 '61.

Develop and improve the Soviet system of physical education. Teor. i prak. fiz. kul't. 24 no. 12:881-889 '61.

Diversified physical training of youth in the "Ready for work" program. N. Kh. Zhukova, P. I. Kabachkova, V. I. Rakhmanova. Teor. i prak. fiz. kul't. 24 no. 9:587-590 '61.

Effect of the physical education period exercises conducted at varying tempo on the bodies of those participating. E. V. Derlugina. Teor. i prak. fiz. kul't. 24 no. 12:926-929 '61.

General and special health-restoring significance of physical culture under new conditions. N. V. Zimkin. Teor. i prak. fiz. kul't. 24 no. 8:600-603 '61.

Give youth an all-around physical and defense training. A. Afanas'ev. Voen. znan. 38 no. 2:16-17 F '62.

Mass physical training in institutes of higher education. A. V. Mal'tsev. Teor. i prak. fiz. kul't. 24 no. 8:576-580 '61.

N. V. Zimkin's article "General and special hygienic significance of physical culture under the new conditions." V. E. Nagornyi. Teor. i prak. fiz. kul't. 24 no. 12:930-931 '61.

Osipov, I. T., ed. [Physical education for middle-aged and elderly persons] Fizicheskaia kul'tura dlia lits srednego i starshego vozrasta. Moskva, Izd-vo "Fizkul'tura i sport," 1961. 239 p.

Pedagogical lectures for the physical education teachers. I. M. Onyshchenko. Rad. shk. 40 no. 2:85-90 F '62.

Physical culture in the daily schedule of groups of communist labor. K. A. Maloletko. Teor. i prak. fiz. kul't. 24 no. 8:596-599 '61.

Physical education and the automation of production. N. I. Ponomarev. Teor. i prak. fiz. kul't. 24 no. 10:773-775 '61.

Physical education of students in poor health. A. N. Shlezinger. Teor. i prak. fiz. kul't. 24 no. 10:745-748 '61.

Physiological characteristics of the physical education period exercises performed at different tempi. S. I. Krapivintseva, N. A. Minaeva, R. I. Platkovskaia. Teor. i prak. fiz. kul't. 24 no. 11:949-953 '61.

Planning the sports training for track athletes in the senior categories. L. S. Khomenkov. Teor. i prak. fiz. kul't. 24 no. 11:812-822 '61.

"Pocket encyclopedia of physical culture and sports," sports calendar," by L. Borodina, P. Sobolev. Reviewed by E. D. Simonov. Teor. i prak. fiz. kul't. 24 no. 8:615-616 '61.

Requirements for the training of athletes participating in district, republic and all-Union contests. Teor. i prak. fiz. kul't. 24 no. 8:634-636 '61.

Some problems in the theory and practice of physical education in light of the new program of the Communist Party of the Soviet Union. A. D. Novikov. Teor. i prak. fiz. kul't. 24 no. 11:807-811 '61.

Some problems in the theory and practice of physical education in the light of the new program of the Communist Party of the Soviet Union. A. D. Novikov. Teor. i prak. fiz. kul't. 24 no. 12:887-895 '61.

Thoroughness not mere versatility. V. I. Vlashyll. Teor. i prak. fiz. kul't. 24 no. 8:604-605 '61.

Twenty-second Congress of Lenin's Party. Teor. i prak. fiz. kul't. 24 no. 11:801-806 '61.

PHYSICAL EDUCATION AND TRAINING—BIBLIOGRAPHY see Bibliography—Physical education and training

PHYSICAL EDUCATION AND TRAINING—CONGRESSES

Second Plenum of the Central Council of "Urozhai" Volunteer Sports Society. Teor. i prak. fiz. kul't. 24 no. 11:877-880 '61.

PHYSICAL EDUCATION AND TRAINING—TEACHER TRAINING

Professional and pedagogical training of students of schools of physical education. K. A. Kuz'mina. Teor. i prak. fiz. kul't. 24 no. 10:736-739 '61.

PHYSICAL EDUCATION FACILITIES

Comments on A. P. Golubinskii's article "Methods in the building of structures for athletic purposes in rural areas." L. Adler, Iu. Butin, G. Baide. Teor. i prak. fiz. kul't. 24 no. 11:854-856 '61.

International experience in building the complexes of sports centers. N. M. Razukov. Teor. i prak. fiz. kul't. 24 no. 12:898-903 '61.

PHYSICAL EDUCATION FOR CHILDREN

Control over the physical education of students. V. Shamin. Nar. obr. no. 2:87-89 F '62.

Drive for health. A. Bezuglyi. Rad. shk. 40 no. 2:77-77 F '62.

Effect of static efforts on the breathing of 8-17 year old children. E. S. Cherutk. Dokl. APN 5 no. 3:119-122 '61.

Evaluation of movement technique of students. Report No. 1. Two accepted methods of evaluation. V. G. Podol'skii. Dokl. APN 6 no. 3:111-116 '61.

Expressiveness of walking. Doshk. vosp. 25 no. 2:92-94 F '62.

Iankelevich, E. I. [Healthy childhood] Zdorovoe detstvo. Moskva, Izd-vo "Fizkul'tura i sport," 1961. 61 p. (Bibliotechka "Fizkul'tura i zdorov'e")

K. D. Ushinskii on physical education. G. D. Kharlamova. Sov. pedag. 26 no. 2:98-95 F '62.

Osokina, T. I., and E. A. Timofeeva. [Gymnastics in the kindergarten] Gimnastika v detskom sadu. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1961. 165 p. (Pedagogicheskaia biblioteka uchitelia)

Outdoor games and sports. N. G. Rebrov, V. K. Sharukhina. Nach. shkola 20 no. 3:48-51 Mr '62.

Physical education and health exercises in the school with longer hours. N. G. Rebrov, V. K. Sharukhina. Sov. pedag. 26 no. 2:83-87 F '62.

Physical education and sports in boarding schools. A. I. Ostapets, V. G. TSypurskii. Sov. pedag. 26 no. 2:78-82 F '62.

Planning the system of physical training lessons. V. P. Golubev. Sov. pedag. 26 no. 2:72-78 F '62.

PHYSICAL EDUCATION FOR CHILDREN—CONGRESSES

International seminar in Warsaw. N. V. Zimkin. Teor. i prak. fiz. kul't. 24 no. 11:875-877 '61.

PHYSICAL EDUCATION FOR WOMEN

Work with a women's training group in physical education. E. V. Sokova, N. A. Novokshenova. Teor. i prak. fiz. kul't. 24 no. 11:863-866 '61.

PHYSICAL FITNESS

Analysis of the indices from ballistocardiograms of athletes at rest. L. I. Stogova. Teor. i prak. fiz. kul't. 24 no. 12:941-946 '61.

Determining the coordination of bodily functions in studying the state of training in athletes. A. A. Petkovich. Teor. i prak. fiz. kul't. 24 no. 12:912-915 '61.

Effect of the physical education period exercises conducted at varying tempo on the bodies of those participating. E. V. Derlugina. Teor. i prak. fiz. kul't. 24 no. 12:926-929 '61.

Methods of evaluating the basic signs of physical development in athletes. A. G. Zhdanova. Teor. i prak. fiz. kul't. 24 no. 12:946-948 '61.

PHYSICAL FITNESS—TESTING

Phanotremometer (FT-2V). IU. N. Verkhalo. Teor. i prak. fiz. kul't. 24 no. 8:627-630 '61.

PHYSICAL GEOGRAPHY
(see also subdivision under Ukraine)

Mil'kov, F. N. [Central region of the European part of the U. S. S. R.; studies of nature] Srednniia polosa Evropeiskoi chasti SSSR; ocherk prirody. Moskva, Gos. izd-vo geogr. lit-ry, 1961. 215 p.

PHYSICAL METALLURGY

Modern physics of metals and problems associated with new techniques E. M. Savitskii Vest. AN SSSR 32 no. 3:24-34 Mr '62

PHYSICALLY HANDICAPPED—REHABILITATION
(see also subdivision under Melekess)

Employment of TB patients. N. Tatarskii. So's. obesp. 23 no. 1:32-36 Ja '62.

International conference in Warsaw. V. Aralov, D. Gritskevich. Sots. obesp. 23 no. 1:56-59 Ja '62.

Man got on his feet. IU. Lukashkov. Smena 36 no. 24: 30 D '61.

Talking frankly. V. Chel'tsov. Sots. obesp. 23 no. 1: 29-31 Ja '62.

PHYSICALLY HANDICAPPED CHILDREN—EDUCATION

Special aspects of the education and training of blind and deaf-mute children A. I. Meshcheriakov Dokl. APN 5 no. 3:123-128 '61.

PHYSICIANS
(see also subdivision under Minsk)

Method for determining the dimunition in the number of physicians; on the problem of determining the expected number of physicians in the long-term plan. T. A Cheriavskaia. Sov. zdrav. 21 no. 1 30-36 '62.

PHYSICS

Kliachev, A. A., and I. B. Litinetskii. [M. V. Lomonosov as the first Russian physicist] M. V. Lomonosov pervyi russkii fizik. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961 289 p.

Friish, S. E., and A. V. Timoreva. [Course in general physics] Kurs obshchei fiziki. Izd. 10, ispr. i dop. Moskva, Gos. izd-vo fiziko-matem. lit-ry.
Vol. 1. [Physical foundations of mechanics. Molecular physics. Oscillations and waves] Fizicheskie osnovy mekhaniki. Molekularnaia fizika. Kolebaniia i volny. 1961. 466 p.

PHYSICS—ABSTRACTS

[Physics.] Ref. zhur., Fiz. no. 2 F '62.

PHYSICS—BIBLIOGRAPHY see Bibliography—Physics

PHYSICS—LABORATORY MANUALS

Kortnev, A. V., IU. V. Rublev, and A. N. Kutsenko. [Practical work in physics] Praktikum po fizike. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 420 p.

PHYSICS—PHILOSOPHY

"The category of causality in physics" by G. A. Svechnikov. Reviewed by L. I. Storchak. Vest. AN SSSR 32 no. 3: 132-134 Mr '62.

PHYSICS—PROBLEMS, EXERCISES, ETC.

Process of problem solving and the difficulty of forming a fully valid operational subject in the mind. P. IA Gal'perin, L. F. Obukhova. Dokl. APN 5 no. 2:73-77 '61.

To opposite sides. V. Zubov. Nauka i zhizn' 28 no. 12: 30-31 D '61.

PHYSICS—STUDY AND TEACHING

Connection between physics and production training of students. L. IA. Zorina. Shkola i proizv. 8 no. 2: 48-52 F '62.

Extracurricular work on physics. F. IA. Baikov. Sov. pedag. 26 no. 2:67-71 F '62.

Fetisov, V. A. [Laboratory works on physics; for students of grades 8 to 10] Laboratornye raboty po fizike; dlia uchashchikhsia 8-10 klassov. Izd. 3., perer. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 237 p.

Mastering functional dependence in the physics course. V. IA. Liaudis Dokl APN 5 no. 5:39-44 '61.

System of forming technical skills in the process of teaching. N. M. Kairod. Dokl. APN no. 3:17-20 '61.

Use of the industrial experience of evening (staggered) school students in teaching physics. M. P. Popov, N. M. Churilova. Dokl. APN 5 no. 3:9-16 '61.

PHYSICS—STUDY AND TEACHING—CONGRESSES

First Intracollege Conference on the Methodology and Technique of Lecture Demonstrations in Physics. A. F. Kononkov. Vest. Mosk. un. Ser. 3: Fiz., astron. 17 no. 1:91-93 Ja-F '62.

PHYSIOLOGICAL CHEMISTRY

Problems of physiological chemistry in light of the new program of the CPSU. N. N. IAkovlev. Fiziol. zhur. 48 no. 2:121-125 F '62.

PHYSIOLOGICAL OXIDATION see Oxidation, Physiological

PHYSIOLOGY

From the history of physiology in Russia in the 18th century Professor F. Kelesztury (1735-1811) K. K. Sil'vai Fiziol. zhur. 48 no. 2,223-226 F '62.

Twenty-second Congress of the CPSU and some important problems in physiology. I. A. Baryshnikov, D. A. Biriukov, N. V. Zimkin. Fiziol. zhur. 48 no. 1:I-VIII Ja '62

PHYSIOLOGY—CONGRESSES

Physiology and biochemistry of physical exercise and related subjects at the Fifth All-State Congress of Czechoslovakian Physiologists. N. N IAkovlev. Teor. i prak. fiz. kul't 24 no. 10:778-779 '61.

PHYSIOLOGY—RESEARCH
(see also subdivision under Georgia)

Materials on the history of the physiological institutes of the Academy of Sciences, 1864-1917 A. K. Fedorova-Giot. Trudy Inst ist. est i tekh 41:257-293 '61

PHYTOGEOGRAPHY
(see also subdivision under Chernogora Range)

Kamyshev, N. S. [Principles of phytogeography; floristic geography of plants] Osnovy geografii rastenii; floristicheskaia geografiia rastenii. Voronezh, Izd-vo Voronezhskogo univ., 1961. 189 p.

PHYTOPATHOGENIC BACTERIA see Bacteria, Phytopathogenic

PHYTOPLANKTON see subdivision under Caspian Sea, Indian Ocean, Pacific Ocean

PIANISTS see subdivision under Moscow

PIANO—INSTRUCTION AND STUDY

Bringing out and developing student's individuality in piano lessons. M. E. Feigin Trudy Gos. muz.-ped. inst no. 2:7-39 '61.

PIANO MUSIC

Phrasing and editing piano music. A. E. Mikhal'chi. Trudy Gos. muz.-ped. inst. no. 2:40-60 '61.

S. V. Rachmaninoff's principles of fingering. IU. V. Ponizovkin. Trudy Gos. muz.-ped inst. no. 2:179-195 '61.

Two preludes and fugues of D. D. Shostakovich, op. 87, No. 1, and No. 4; methodological commentaries as an aid to correspondence students. N. V. Shirinskaia. Trudy Gos. muz.-ped. inst. no. 2:61-71 '61.

PIATNITSKII, MITROFAN EFIMOVICH, 1864-1927

Kaz'min, P. M. [Pages from the life of M. E. Piatnitskii] Stranitsy iz zhizni M. E. Piatnitskogo. Pod red. T. Popovoi. Moskva, Vseros. khorovoe ob-vo, 1961 66 p.

PIECEWORK

Determination of the amount of work and the wage system. N. N. Gvozdev. Vest. Mosk un. Ser. 8 Ekon., filos. 17 no. 2:28-39 Mr-Ap '62

Using a piecework bonus wage system on state farms. I. Dmitrashko, B. Lukin. Biul nauch.-inform. trud i zar. plata 5 no. 2:45-50 '62.

What have we gained by the introduction of the piecework bonus wage system N. N Buchnev, P. N. Rukosuev. Vest Mosk un Ser 8: Ekon., filos. 17 no. 2 69-74 Mr-Ap '62.

PIEZOELECTRIC OSCILLATORS see Oscillators, Crystal

PIEZOELECTRIC SUBSTANCES

Measuring the symmetry of piezoelectric crystals in the direct and inverse piezoeffect. V. A. Koptsik. Kristallografiia 7 no. 1 144-147 Ja-F '62.

Some characteristics of the Raman effect in piezoelectric crystals. L. G. Grechko, L. N. Ovander. Fiz. tver. tela 4 no. 1:157-162 Ja '62.

PIEZOELECTRICITY

Piezoelectric effect of pegmatite and quartz veins. M. P. Votarovich, G. A. Sobolev, E. I. Parkhomenko. Izv AN SSSR Ser geofiz no. 2:145-152 F '62

Piezoelectric spectroscopic effect in ruby crystals. A. A. Kaplianskii, A. K. Przhevuskii. Dokl. AN SSSR 142 no. 2:313-136 Ja '62.

PIG-IRON see Cast iron

PIGEONS

Changes in the electric activity of the pigeon brain under the effect of various stimuli [with summary in English]. N. V. Frolkova. Fiziol. zhur. [Ukr.] 8 no. 1: 79-85 Ja-F '62.

PIGMENTS—TESTING

Dispersion of natural pigments in cavitation and vibration mills. B. M. IAbko and others. Shor. trud. VNIINSM no. 4:121-133 '61.

PILES (DISEASE) see Hemorrhoids

PILING (CIVIL ENGINEERING)

Pile supports for pipes. G. S. Kolesnik. Mont. i spets. rab. v stroi 23 no. 12 14-15 D '61

Reducing the work required to design high pile gratings of bridge supports E. V. Kosterin. Izv. vys. ucheb. zav., stroi. i arkhit. 4 no. 6 33-39 '61

PILOCARPINE

Changes in the sensitivity of the parotid glands to pilocarpine following their denervation Zd. Martinek Fiziol. zhur. 48 no. 1:47-54 Ja '62

PIMEN, Metropolitan of Leningrad and Ladoga

Enthronization of Metropolitan Pimen for the Leningrad See. Zhur. Mosk. Patr. no. 1 23-26 Ja '62

PINANONE

Investigating the kinetics of pinocamphone autoxidation. A. I. Chirko, O. A. IAsinskaia. Zhidkofaz. okis. nepr. org. soed. no. 1 151-160 '61

PINE see subdivision under Buzuluk Valley, Gorno-Altai Autonomous Province, Luga District; Siberia; Soviet Far East; Ural Mountain region; Volgograd Province; Voronezh Province

PINE—DISEASES AND PESTS

Root fungus (Fomes annosus Fr.) in pine stands [in Latvian with summaries in English and Russian]. A. Lauska Izv. AN Latv. SSR no. 12 123-128 '61.

PINE—VARIETIES see subdivision under Ural Mountain region

PINEAL BODY—CANCER

Malignant pinealomas metastasizing into the cerebral meninges [with summary in French]. Z. V. Znoiko, T. L. Shalagina Zhur. nevr. i psikh. 61 no. 11 1650-1651 '61.

PINENE

Alkylphenols and alkylaryiphenols as inhibitors of α-pinene autoxidation E. N. Novikova, M. P. Petunina. Dokl. AN BSSR 6 no. 1:39-41 Ja '62.

PIONEERS (COMMUNIST YOUTH)
(see also subdivision under Kuban)

"Birth and Pioneer group" by O. S. Kel'. Reviewed by L. Mikhnel'ian. Nar. obr. no. 3:110 Mr '62

Development of initiative and activeness of the head of detachment council and group leaders in the junior Pioneers' detachment. D. I. Latyshina. Dokl. APN 5 no. 2:29-30 '61.

First Pioneers of Taganrog. B. Panasiuk. Sem'ia i shkola 17 no. 2 30-31 F '62.

For the Soviet Pioneer Holiday. D. Gol'dshtein, N. Novichkova. Bibliotekar' no. 3:24-29 Mr '62.

Friend and co-worker of young Leninists. S. A. Lytvynov. Rad. shk. 40 no. 2:38-40 F '62.

In the name of the 22d Congress. A. Bardukov. Shkola-int no. 1:15-16 Ja-F '62.

Khotilovskaia, L. V. [The Pioneer as an example to others children; one of the Pioneers' laws] Pioner - rebiatam primer; ob odnom iz pionerskikh zakonov. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1959. 59 p.

On the occasion of the 40th anniversary of the Pioneer organization. Nar. obr no. 2 97 F '62.

Pioneer detachment in the eighth grade. A. IA. Rozenberg. Sov. pedag. 26 no. 2:61-66 F '62.

Pioneers in schools. V. Georgievskii. Nar. obr. no. 3: 74-75 Mr '62.

Small beginnings have great potentialities. G. Ostroumov. IUn. tekh [illegible]

PIPE, GLASS

Connection of glass tubes with couplings. A. Shapovalov. Tekh. sel'khoz. 22 no. 1 27-28 Ja '62

Sloutmer, B. M., and K. I. Povarov. [Installation and use of glass piping in the national economy] Steklianyye truboprovody narodnom khoziaistve, ikh montazh i ekspluatatsiia. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 179 p.

PIPE, PLASTIC

Pressure pipelines made of thermoplastics. Report No. 1. Mechanical strength of pipes. M. N. Bokshitskii, D. F. Kagan, I. IA. Klinov. Plast. massy. no. 2. 38-41 '62

Tables and nomograms for the hydraulic calculation of plastic pipes" b. M. M. Sapozhnikov and others. Reviewed by P. M. Mezhiborskii. Vod. i san. tekh. no. 2. 40 F '62

PIPE, STEEL

(see also subdivision under Sumgait)

An efficient system of cathodic protection of underground pipes [with summary in English, p. 73]. B. V. Spektor. Visnyk AN URSR. no. 4. 45-48 '61

Machine parts made of pipes. I. M. Bruter. Standartizatsiia. 26. no. 2. 33. F '62

Use of induction heating for the preparation of highly resistant pipe with a finished surface. K. F. Stardubov, IU. P. Gul', A. F. Shukhin. Izv. vys. ucheb. zav., chern. met. 5. no. 1. 169-170 '62

PIPE, STEEL—WELDING

Application of television techniques to pipe welding. B. V. Kondrat'ev, N. IA. Novikov, I. I. Andreev. Svar. proizv. no. 2. 30. F '62

Automatic argon-arc welding of nonrotatable pipe butts of 1Kh18N9T steel. G. M. Ginzburg, A. V. Bibikov. Svar. proizv. no. 2. 21-23. F '62

PIPE BENDING

Winding coils from thick-walled pipes. P. A. Zvorykin. Khim. mash. no. 6. 38-40. N-D '61

PIPE FITTING

Akademiia stroitel'stva i arkhitektury SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. [Installation of exposed water pipes] Montazh naruzhnykh truboprovodov. Izd. 2., ispr. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 244 p. (Serila prakticheskikh posobii po povyshen iiu masterstva v zhilischnom stroitel'stve)

PIPE MILLS

(see also subdivision under Chelyabinsk)

Drawing and pressing thin-walled pipes through rigid dies. I. D. Grudev. Inzh. zhur. 1. no. 3. 122-130 '61

Effect of the speed of rolling in automatic rolling mills on pipe quality. I. M. Pavlov, V. IA. Osadchii. Izv. vys. ucheb. zav., chern. met. 5. no. 1. 121-123 '62

Moscow. TSentral'nyi institut informatsii chernoi metallurgii. [Rolling and pipe mills] Prokatnoe i trubnoe proizvodstvo. Pod red. L. E. Al'shevskogo i A. V. Istomina. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1962. 246 p. (Tekhnicheskii progress v chernoi metallurgii SSSR)

New grooving on argon-arc pipe welding machines. E. M. Krichevskii, V. IA. Gol'berg. Metallurg. 7. no. 3. 25-27. Mr '62

PIPELINE TRANSPORTATION OF SOLIDS see Hydraulic conveying

PIPELINES

Erection of pipelines for heating systems above ground. B. V. Lopatin. Izv. vys. ucheb. zav., energ. 5. no. 1. 99-104 Ja '62.

Ostapenko, V. N. [Mathematical problems concerning the protection of pipelines against electrolytic corrosion] Matematicheskie voprosy katodnoi zashchity truboprovodov ot korrozii. Kiev, Izd-vo Akad. nauk USSR, 1961. 60 p.

Selection of an economical diameter for great pressure pipelines. N. A. Malishevskii. Vod. i san. tekh. no. 2. 22-24. F '62

Tartakovskii, G. A. [New system for the construction of pipelines in the form of suspended lines, theory, calculations, design] Novaia sistema sooruzhenila truboprovodov v vide provisaiushchikh nitei; teoriia, raschet, proektirovanie. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1961. 160 p.

PIPELINES—CORROSION

Simplified equations for the cathode protection of pipelines against corrosion. V. M. Ostapenko. Zbir. prats' z obchys. mat. i tekh. 3:87-103 '61.

PIPELINES—METALLOGRAPHY

Portable metallographic microscope. L. A. Chukhrin. Energetik. 10. no. 3:16. Mr '62.

PIPELINES—TESTING

Determination of leakages in pipelines conducting compressed air. B. B. Kudriashov. Prom. energ. 17. no. 3:14-17. Mr '62.

PIPELINES—WELDING

Device for clamping flanges to branch pipes. S. I. Penkin. Energetik. 10. no. 3:18. Mr '62.

PIPERAZINE

Antineoplastic activity of some piperazine derivatives. IU. A. Sorkina, V. A. Chernov. Vop. onk. 8. no. 1. 77-84 '62

Tolerance to dehelminthization by peperazine preparations [with summary in English]. S. Evdokimova. Izv. AN Latv. SSR. no. 12. 81-81 '61.

PIPERIDINE

Substituted pyridines. Dehydrogenation and dealkylation of substituted piperidines. N. S. Prostakov, L. A. Galvoronskaia. Zhur. ob. khim. 32. no. 1. 76-81. Ja '62.

PIPERIDINOL

Heterocyclic compounds. Synthesis of benzoic, p-methoxyphenoxyacetic, and β-phenylmercaptopropionic esters of α γ-isomer of 1-(β-phenylethyl)-2, 5-dimethyl-4-ethynil-4-piperidol. A. Sh. Sharifkanov, T. G. Sarbaev. Zhur. ob. khim. 32. no. 2. 419-422. F '62.

Heterocyclic compounds. Synthesis of phenoxyacetic, p-methoxyphenoxyacetic, and β-phenylmercaptopropionic esters of α γ-isomer of 1-(β-phenylallyl)-2, 5-dimethyl-4-ethynil-4-piperidol. A. Sh. Sharifkanov, T. G. Sarbaev. Zhur. ob. khim. 32. no. 2. 417-419. F '62

PIPERIDONE

γ-Lactones and δ-lactams. Part 27. Reaction of 5-bromo-1, 6-dehydroxy-2-piperidones with ammonia and amines. N. P. Shusherina, R. IA. Levina, T. G. Rymareva. Zhur. ob. khim. 32. no. 1. 89-92. Ja '62.

PIPERYLENE

Determination of the structure regularity of lithium piperylene rubber based on the type of combination of 1, 4 links. A. I. IAkubchik, V. K. Smirnova, V. M. Zavalei. Zhur. prikl. khim. 35. no. 2. 405-408. F '62

Investigation of hydrogenation reactions of piperylene stereoisomers on a skeletal nickel catalyst. L. Kh. Freidlin, E. F. Litvin, I. F. Zhukova. Neftekhimiia. 1. no. 2. 213-217. Mr-Ap '61

PIPES—WELDING

Effect of the magnetic field of a weld contour on the shape of joints welded inside of pipes. S. I. Mandel'berg, V. E. Lopata. Avtom. svar. 15. no. 3. 1-6. Mr '62

PIROGOV, NIKOLAI IVANOVICH, 1810-1881

Eminent Russian surgeon Nikolai Ivanovich Pirogov. Zhur. ush., nos. i gorl. bol. 20. no. 6. 3-6. N-D '60

Founder of military field surgery. Voen.-sist. zhur. 3. no. 12. 119-120. D '61

Morphological analysis of the human hand as the organ of work in N. I. Pirogov's research studies. G. A. Savich. Vop. antr. no. 8. 116-122 '61.

N. I. Pirogov on the plan of university medical teaching. IU. V. Bukin. Sov. zdrav. 21. no. 1. 42-48 '62

Pirogov, N. I. [Collection of works in eight volumes] Sobranie sochinenii v vos'mi tomakh. Moskva, Gos. izd-vo med. lit-ry.

Vol. 6. [Fundamentals of general field surgery] Nachala obshchei voenno-polevoi khirurgii, pt. 2. (1866). [Sevastopol letters, 1850-1855] Sevastopol'skie pis'ma, 1850-1855. 1961. 468 p.

[Pirogov lectures for 1960] Pirogovskie chteniia 1960 goda. [Leningrad] Medgiz, 1961. 71 p.

PIROGOV, NIKOLAI IVANOVICH, 1810-1881—BIBLIOGRAPHY see Bibliography—Pirogov, Nikolai Ivanovich, 1810-1881

PISTOL SHOOTING

Tactics of a pistol marksman in competitions. M. Umarov. Voen. znan. 38. no. 2. 28-29. F '62

PISTON RINGS

Casting of piston rings for marine engines. P. L. Gur. Lit. proizv. no. 2. 8-9. F '62.

Design and construction of twisted steel piston rings. A. V. Adamovich. Avt. prom. 28. no. 1. 1-7. Ja '62.

PISTON RINGS—TESTING

Investigating some factors affecting the elasticity of piston rings. L. I. Kardashin. Avt. prom. 28. no. 1. 33-39. Ja '62.

PISTONS

(see also subdivision under Tambov)

Changes in linear dimensions of piston pins due to the running of the engine. M. I. Korzh, E. I. Raikhel's, I. I. Fal'ko. Avt. prom. 28. no. 1. 41-43. Ja '62.

PISTONS—MEASUREMENT

Measuring the gap in couplings of piston pin-connecting rod bushings and piston pin-piston boss. F. N. Avdon'kin. Avto. prom. 28. no. 2. 12-13. F '62.

PITCH

(see also subdivision under Poland)

Changes in the technological system for condensing pitch-coke gas. I. P. Dobrovol'skii and others. Koks i khim. no. 12. 42-44 '61.

PITCH—ANALYSIS

Determining the binding properties of coal pitch produced in eastern factories. P. N. Gorelov, F. A. Volgina, Koks i khim. no. 12. 41-46 '61.

PITUITARY BODY

Neurohypophysis and adenohypophysis in the late period of the larval development of the frog [with summary in English]. A. A. Voitkevich. Arkh. anat. gist. i embr. 42. no. 2. 69-82. F '62.

PITUITARY BODY—CANCER

Cerebral metastatic cancer of hypophysial origin (with summary in French). V. R. Kalkun. Zhur. nevr. i psikh. 61. no. 11. 1624-1629. '61.

Eosinophilic cancer of the hypophysis (On spontaneous change in the tumor cells). G. A. Borisov. Arkh. pat. no. 2. 77-79. '62.

PITUITARY BODY—PRESERVATION

Preservation, storage and transportation of pituitaries in Thermos bottles with dry ice. I. I. Gentsina. Med. prom. SSSR. 32. no. 6. 29. '61.

PLAGIARISM

Intolerable methods of historical study. V. I. Nechipurenko. Vop. ist. no. 2. 208-211. F '62.

PLAGUE

Fibrinolytic properties of microbes of plague and paratuberculosis. G. A. IAromiuk. Zhur. mikrobiol., epid. i immun. 32. no. 9. 137-138. S '61.

Influence of revaccination on immunological changes in animals vaccinated with complex vaccines [with summary in English]. S. L. Borodko, L. G. Samsonovich. Zhur. mikrobiol., epid. i immun. 32. no. 9. 12-17. S '61.

Intradermal allergic reaction as an indication of immunity to plague [with summary in English]. D. I. Korobkova, L. P. Pavlova, D. E. Bakhrakh. Zhur. mikrobiol., epid. i immun. 32. no. 9. 17-12. S '61.

New data on the reactivity of the body of histaminase in plague intoxication. A. G. Krutinov, N. M. Khar'kova. Zhur. mikrobiol., epid. i immun. 42. no. 9. 135-136. S '61.

Study of the immunogenicity of nucleoproteid fractions of the plague microbe. M. L. Bekker, V. I. Kuznetsova, A. Z. Kutsenmakina. Zhur. mikrobiol., epid. i immun. 32. no. 9. 134. S '61.

Use of a phosphate buffer in the production of plague vaccine. M. A. Krasnikova. Zhur. mikrobiol., epid. i immun. 32. no. 9. 138. S '61.

PLAGUE—PREVENTION see subdivision under Kirgiz Central Asia

PLAKSIN, IGOR' NIKOLAEVICH, 1900—BIBLIOGRAPHY see Bibliography—Plaksin, Igor' Nikolaevich, 1900

PLANETARIA see subdivision under Kiev

PLANETS

Basic problems in the investigation of the approach of comets to larger planets [with summary in French]. E. I. Kazimirchak-Polonskaia. Trudy ITA. no. 7. 5-15. '61.

Plan for the study of planets. A. V. Markov. Vest. AN SSSR. 32. no. 3. 94-95. Mr '62.

PLANETS—OBSERVATIONS

Vsekhsviatskii, S. K. [Current problems in the study of the nearest planets] Sovremennye problemy issledovaniia blizkaishikh planet. Kiev, Ob-vo po rasprostraneniiu polit. i nauch. znanii USSR, 1961. 48 p.

PLANETS, MINOR—EPHEMERIDES

Akademiia nauk SSSR. Institut teoreticheskoi astronomii. [Ephemerides of minor planets for 1949] Efemeridy malykh planet na 1949 god. Moskva, Izd-vo Akad. nauk SSSR, 1948. 122 p.

Akademiia nauk SSSR. Institut teoreticheskoi astronomii. [Ephemerides of minor planets for 1954] Efemeridy malykh planet na 1954 god. Moskva, Izd-vo Akad. nauk SSSR.

Vol. 8. 1953. 176 p.

PLANING HULLS

Prospects for the use of passenger ships with underwater wings in the Caspian Basin. N. Kudriavtsev, V. Ilin. Mor. flot. 22. no. 3. 8-10. Mr '62

PLANING MACHINES

Improved holder for compressed air and arc planing of metals. V. A. Bahich. Mont. i spets. rab. v stroit. 23. no. 12. 23-24. D '61.

PLANKTON see subdivision under Baltic Sea; Dakar region; Norwegian Sea; Takoradi region

PLANT BREEDING see subdivision under Chernyakhov District

PLANT BREEDING—RESEARCH

Importance of embryology for genetics and breeding. V. A. Poddubnaia-Arnol'di. Biul. Glav. bot. sada. no. 48. 32-38 '61.

PLANT CELLS AND TISSUES

Formation and significance of calcium oxalate crystals in plant cell. M I. Savchenko, G A Komar Trudy Bot. inst, Ser 7 no 5 86-105 '62.

Isoelectric points of the nucleolus and the protoplasm and mitotic activity of cells of the growing point and developing leaves L P Chel'tsova, Dokl AN SSSR 143 no 1 210-213 Mr '62

PLANT CELLS AND TISSUES—MODELS

Model of a plant cell. R. I. Isurina. Biol. v shkole no. 2;89 Mr-Ap '62.

PLANT COMMUNITIES

(see also subdivision under Central Black Earth region)

Synusiae as forms of plant coexistence [with summary in English] V V. Petrovskii Bot zhur. 46 no 11: 1615-1626 N '61.

Using C^{14} for studying the photosynthetic balance in the plants of phytocenoses. IU S Nasyrov and others Bot. zhur. 47 no 1,96-99 Ja '62

PLANT DISEASES

Vsesoiuznaia akademiia sel'skokhoziaistvennykh nauk imeni V. I. Lenina [Immunity of plants to disease and pests] Immunitet rastenii k boleznlam i vreditelliam. Pod obshchel red. M V. Gorlenko. Moskva, Sel'khozgiz, 1961. 245 p (DA)

PLANT INTRODUCTION

(see also subdivision under Batum region, Kara-Kalpak A. S. S. R., Kirov Province, Moscow)

Introduction of wild ornamental plants from Transcarpathia. I. I. Bubriak. Biul.Glav bot sada no. 43:18-19 '61.

PLANT LICE

(see also subdivision under Latvia)

Morphology and biology of the plant louse Macrolophus submaculs Walk (Aphidoidea, Lachnine) M. N. Narzikulov, B V. Vereshchagin Izv. Otd sel'khoz. i biol. nauk AN Tadzh.SSR no 3,56-60 '61

PLANT PHYSIOLOGY

Aleksandr Fedorovich Baltalin and his works in the field of plant physiology. K. V. Rinzanskaia. Trudy Inst. Ist. est. i tekh 41;63-93 '61

Novikov, V. A. [Plant physiology] Fiziologiia rastenii. Leningrad, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 415 p. (Uchebniki i uchebnye posobiia dlia sel'skokhoziaistvennykh vuzov)

PLANT REGULATORS see Growth promoting substances

PLANT SUCCESSION see subdivision under Alazan' Valley

PLANT TEMPERATURE see subdivision under Khibiny Mountains

PLANTERS (AGRICULTURAL MACHINERY)

(see also subdivision under Baltic States)

Methodology for a comparative evaluation of high-precision planters. G. M. Kukta, N. G. Bondarenko. Mekh. i elek. sots. sel'khoz 20 no. 1;13-16 '62.

"Nankin-105V" rice planter. I. P. Bezruchkin. Trakt. i sel'khozmash. 32 no. 2:47-48 F '62.

Photoelectric system for checkrow planting. K. A. Polevitskii, K. K. Polevitskii. Mekh i elek. sots. sel'khoz. 20 no. 1;33-36 '62

Principal parameters of the working parts of a grain broadcast seeding machine. M. E. Matsepuro, D A Smilovenko. Vop. zemledel', mekh. 7;97-149 '61.

The SKNK-6 combined corn planter and fertilizer spreader. A. P. Veremeev, E. A. Beliaev. Trakt i sel'khozmash. 32 no. 2;32 F '62.

Sugar beet planter with a device for thinning the sprouts. B. F. Kuznetsov. Trakt. i selkhozmash. 32 no. 3;34-35 Mr '62.

Use of a hydraulic device for controlling the performance of the SKGK-6V planter. V. Karpelevich. Tekh. v sel'khoz. 22 no. 2;59-62 F '62.

Vegetable planters and disc furrow openers. M. Nozhkin. Tekh. v sel'khoz 22 no 1:45-46 Ja '62.

PLANTS—ABSORPTION OF WATER

Possibility of indicating the water balance in plants according to the index of the relative water saturation of the cells (II) P. D. Kotsenikova. Izv. Otd. sel'khoz. i biol. nauk AN Tadzh. SSR no. 3;47-56 '61.

PLANTS—ASSIMILATION

Effect of foliar feeding of potassium phosphate on the translocation and metabolism of phosphorus compounds [in Latvian]. A Kreicbergs. Izv. AN Latv.SSR no. 1: 85-90 '62.

Effect of soil temperatures on the uptake of ash substances and nitrogen by individual crops. Z. F. Sycheva, Z. A. Bystrova. Trudy Kar. fil. AN SSSR no. 29:16-21 '61.

PLANTS—BIOTIN CONTENT

Filippov, V. V. [Biotin in plants and animals] Biotin v rastitel'nom i zhivotnom organizmakh. Moskva, Izd-vo Akad. nauk SSSR, 1962. 231 p.

PLANTS—CHEMICAL ANALYSIS

Comparative study of methods for extracting potassium from plants for its determination by flame. B N Vishnevskaia Izv AN Kazakh SSR Ser bot. i pochv. no 2 98-102 '61

Distribution of strontium-90 and cesium-137 among the components of a biogeocenose. G. I Makhonina and others. Dokl AN SSSR 140 no. 5:1209-1212 O '61

New method to determine prussic acid in plants. A. Mardashko Nauka i zhyttia 11 no. 12 37 D '61.

PLANTS—FROST RESISTANCE

Death of plants because of severe winter. F. I. Pedash. Biul. Glav bot sada no. 44 15-18 '61

Frost resistance of plants from the Japan-China floristic area in Moscow L. S. Vartazarova Biul. Glav bot sada no. 43;3-8 '61.

PLANTS—METABOLISM

Effect of temperature on the metabolism of amino acids and sugars in various organs of onion [in Armenian with summary in Russian]. G. G. Gabrielian Izv AN Arm. SSR. Biol nauki 15 no. 1:25-39 Ja '62.

PLANTS—MIGRATION

Migration hypotheses and the formation of species [with summary in English]. V. N. Vasil'ev Bot. zhur 46 no. 11:1584-1601 N '61.

PLANTS—NUTRITION

Mezhvuzovskoe soveshchanie po mikroelementam i prirodnoi radioaktivnosti pochv SSSR 2d, Moscow, 1960 [Role of trace elements in agriculture] Rol' mikroelementov v sel'skom khoziaistve, trudy. Pod red. N. S. Avdonina i N. P Remezova. [Moskva] Izd-vo Mosk univ., 1961. 296 p.

PLANTS—REPRODUCTION

(see also subdivision under Carpathian Mountains)

On digenesis. I. S. Vinogradov, N. A. Zhukova. Bot. zhur. 47 no. 1:132-138 Ja '62.

PLANTS, EFFECT OF ARIDITY ON

Results of agrometeorological observations during dry winds I. E Buchinskii, M. N. Kopachevskaia, E N Matiushenko Trudy UkrNIGMI no. 29 38-49 '61.

PLANTS, EFFECT OF BORON ON

Effect of boron on the incorporation of adenine-C^{14} into the ribonucleic acid of sunflower leaves and roots E. A. Shershnev, G. V. Kurilenok Dokl. AN SSSR 142 no 5:1201-1202 F '62

PLANTS, EFFECT OF ELECTRICITY ON

Electrophysiological characteristics of the response of plants to electric stimulation [in Latvian with summaries in English and Russian] A. Siniukhin, L Salna Izv. AN Latv. SSR no. 12 113-118 '61.

PLANTS, EFFECT OF GAMMA RAYS ON

Effect of gamma rays on nucleic acid metabolism in plant organs accumulating food reserves L V. Metlitskii, N. P. Korableva, N. P. Morozova Dokl AN SSSR 143 no 1 225-227 Mr '62

Effect of irradiation on nitrogen metabolism as related to the conditions of nutrition [in Azerbaijani with summary in Russian]. N. B. Vezirova. Dokl AN Azerb. SSR 17 no. 12:1179-1182 '61.

PLANTS, EFFECT OF INSECTICIDES ON

Bogdarina, A. A. [Physiological bases of the effect of insecticides on plants] Fiziologicheskie osnovy deistviia insektitsidov na rastenie. Leningrad, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 190 p.

PLANTS, EFFECT OF IODINE ON

Effect of iodine fertilizers on cotton yields [in Azerbaijani with summary in Russian]. Sh M. Kulicv Dokl. AN Azerb. SSR 17 no. 11:1065-1072 '61.

PLANTS, EFFECT OF LIGHT ON

(see also subdivision under Pamirs)

Effect of darkness on the amount of nicotine alkaloids in tobacco roots and leaves. E. S Avundzhian Dokl. AN Arm. SSR 33 no. 5 223-226 '61.

Effect of light on the steadiness of protoplasmic motion during the action of 2, 4-dinitrophenol in plant cells A. G. Lomagin. Dokl. AN SSSR 142 no. 4,957-960 F '62.

Effect of the temperature and length of the day on the growth and development of grape seedlings. I. M. Filippenko. Agrobiologiia no. 6:810-813 N-D '61.

Loman, V. M. [Course in the photoculture of plants] Kurs svetokul'tury rastenii. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 205 p.

PLANTS, EFFECT OF NITROGEN ON

The 13th Prianishnikov Lecture. Vest. AN SSSR 32 no. 3: 106-107 Mr '62.

PLANTS, EFFECT OF PHENOLS ON

Effect of light on the steadiness of protoplasmic motion during the action of 2, 4-dinitrophenol in plant cells. A. G. Lomagin. Dokl. AN SSSR 142 no. 4:957-960 F '62.

PLANTS, EFFECT OF RADIATION ON

Effect of extracts from irradiated Vicia faba leaves on the incorporation of P^{32} into isolated cell nuclei of the thymus gland A M. Kuzin and others Radiobiologiia 1 no. 6:856-857 '61.

PLANTS, EFFECT OF SALTS ON

Ash content of the leaves of trees and shrubs growing on Solonetz-type light-colored chestnut soils A M Kuz'menkova Shor. rab. VNIALMI no 31 148-200 '60

Effect of the degree and character of soil salinization on the growth and state of trees and shrubs in irrigated areas of the lower Volga Valley M P. Popova Shor rab. VNIALMI no. 31 72-126 '60

Reactions of Siberian larch, black locust, sweet locust, and English oak to the degree of soil salinization L G Goncharova Shor rab VNIALMI no 31 127-147 '60

Tolerance of alfalfa to water-soluble soil salts. M. I Patskhov. Vest sel'khoz-nauki [Kazakh.] 4 no. 11: 18-22 N '61.

PLANTS, EFFECT OF SOIL TEMPERATURE ON

Korovin, A. I. [Soil temperature and plants in the North] Temperatura pochvy i rastenie na Severe Petrozavodsk, Gos. izd-vo Karel'skoi ASSR, 1961 190 p.

PLANTS, EFFECT OF TEMPERATURE ON

Effect of the temperature and length of the day on the growth and development of grape seedlings. I. M. Filippenko Agrobiologiia no 6 810-813 N-D '61.

Effect of temperature conditions on the growth and development of turnips in the Pamirs E. G Kirillova Izv Otd sel'khoz i biol nauk AN Tadzh SSR no 3:20-28 '61

Histogenesis of the organs of an ear of wheat grown while keeping the roots under low temperature L. R. Petrova Trudy Bot. inst. Ser. 7 no. 5:130-147 '62

PLANTS, EFFECT OF TRACE ELEMENTS ON see subdivision under Orenburg Province

PLANTS, EFFECT OF X RAYS ON

Effect of irradiation by C^{60} as dependent on the growing conditions and storage time of seeds and the influence of radiation on the productivity of the offspring B. N Kulikov. Radiobiologiia 1 no. 6:963-965 '61.

PLANTS, FLOWERING OF

Biology of the development of Ruscus hypophyllum L. and some peculiarities of the formation of its flower and fruit. M I. Savchenko, A. A. Dmitrieva. Trudy Bot. inst. Ser. 7 no. 5:46-56 '62

Morphologic characteristics of lodicules in some representatives of the grass family A. V. Dobrotvorskaia. Trudy Bot. inst. Ser. 7 no. 5:148-165 '62

Nature of the inferior ovary of Umbelliferae and some problems concerning "the theory of flower." N. V. Pervukhina. Trudy Bot inst. Ser. 7 no. 5:31-45 '62

PLANTS, MOTION OF FLUIDS IN

Effect of light on the steadiness of protoplasmic motion during the action of 2, 4-dinitrophenol in plant cells. A. G. Lomagin. Dokl AN SSSR 142 no. 4 957-960 F '62

PLANTS, ORNAMENTAL see subdivision under Carpathian Mountains; Ural Mountain region

PLANTS, PROTECTION OF

(see also subdivision under Azerbaijan)

Utilization of shale and coal phenols for the synthesis of chemicals for plant protection. A. I. Kulikov and others Khim. i tekh gor. slan. i prod. ikh pererab no. 8;152-158 '60.

PLANTS, PROTECTION OF—BIBLIOGRAPHY see Bibliography—Plants, Protection of

PLASMA (IONIZED GASES)

Concentration of charged particles in the plasma of an arc burning in an atmosphere of argon and helium V. F. Kitaeva, V. V. Obukhov-Denisov, N. N. Sobolev. Opt. i spektr. 12 no. 2;178-185 F '62.

Electron distribution by velocities, excitation, and ionization in a positive discharge column in neon. IU. M. Kagan, R. I. Liagushchenko. Zhur. tekh fiz. 32 no. 2 182-186 F '62.

Excitation of waves in an infinite nonequilibrium plasma. M. S. Kovner Zhur tekh. fiz 32 no 2 145-155 F '62.

Instability of a plasma in a toroidal discharge excited by a traveling electromagnetic field [with summary in English]. R. A. Demirkhanov and others. Zhur. eksp. i teor. fiz. 42 no. 2;338-343 F '62.

Linear electromagnetic phenomena in a plasma. A. A. Rukhadze, V. P. Silin. Usp. fiz nauk 76 no. 1;79-108 Ja '62.

Measuring electron mobility on the basis of plasma resistance in a magnetic field [with summary in English]. G. E. Pikus, N. S. Skvortzov, V. G. IUr'ev. Zhur eksp. i teor. fiz. 42 no. 2;330-337 F '62.

Measuring the concentration of charged particles in a strong pulse high-frequency discharge with a traveling magnetic field R. Kh. Demirkhanov, N. I. Leont'ev, I. A. Kosyi. Zhur tekh fiz. 32 no. 2 180-184 F '62.

PLASMA (IONIZED GASES) (Continued)

Motion of a plasma bundle along guiding electrodes. V. F. Musin. Radiotekh. i elektron. 7 no. 3 547-556 Mr '62.

Plasma streams in a pulse discharge. L. I. Grechikhin, I. N. Minko, V. F. Puntus. Opt. i spektr. 12 no. 1 120-121 Ja '62.

Practicable method for injecting a plasma into closed magnetic traps. V. I. Tolok, V. D. Shafranov. Zhur. tekh. fiz. 32 no. 2 240-243 F '62.

Some characteristics of the Doppler effect in anisotropic media. F. V. Bunkin. Zhur. tekh. fiz. 32 no. 2 161-167 F '62.

Study of plasma steady states in kinetic approximation. N. N. Komarov, V. M. Fedos. Zhur. tekh. fiz. 32 no. 2 139-145 F '62.

Turning of the plasma. I. Brevus. [Un. tekh. 6 no. 2 61-65 '62.

Theory of arc discharge columns. S. M. Krizhanskii. Zhur. tekh. fiz. 32 no. 2 189-191 F '62.

Theory of transition radiation [with summary in English]. A. Kaner, V. M. Likovenko. Zhur. eksp. i teor. fiz. 42 no. 2 471-478 F '62.

PLASMA (IONIZED GASES)—ELECTRIC PROPERTIES

Radiation effects on electron relaxation and plasma conductance in a strong magnetic field [with summary in English]. A. I. Akhiezer and others. Zhur. eksp. i teor. fiz. 42 no. 2:552-554 F '62.

PLASMA OSCILLATIONS

Characteristics of collective energy losses occurring in the passage of fast electrons through an anisotropic plasma [with summary in English]. I. O. Kulik. Zhur. eksp. i teor. fiz. 42 no. 2:543-551 F '62.

Development of oscillations in a plasma with an unstable distribution function [with summary in English]. I. A. Akhiezer. Zhur. eksp. i teor. fiz. 42 no. 2 584-591 F '62.

Nonlinear Langmuir oscillations. V. S. Tkalich, N. V. Saltano. Zhur. tekh. fiz. 32 no. 2 156-160 F '62.

Oscillations of a cold plasma containing ions of two kinds. V. L. Likimenko. Zhur. tekh. fiz. 32 no. 2 168-179 F '62.

Oscillographic investigation of the parameters of electric plasmolysis of fruits and berries. B. L. Flaumenbaum, M. Yu. Kazandzhii, F. I. Kogan. Izv. vys. ucheb. zav., pishch. tekh. no. 6 79-84 '61.

Plasmon spectra in In and InSb. L. A. Balabanova, M. M. Bredov, B. I. Kotov. Fiz. tver. tela. 4 no. 1:86-89 Ja '62.

Propagation of nonlinear plasma oscillations along a magnetic field. Part 1. A. D. Pataraia. Zhur. tekh. fiz. 32 no. 2 139-141 F '62.

PLASMA ROCKETS

[Ion, plasma, and electric-arc rocket engines. Translated from the English] Ionnye plazmennye i dugovye raketnye dvigateli, sbornik statei. Moskva, Gos. izd-vo lit-ry v oblasti atomnoi nauki i tekhniki, 1961. 405 p.

PLASTERING

Efficient methods of fastening dry plaster. V. Izmailov. Stroi. i arkhit. 9 no. 12 23-24 D '61.

Mechanization of plastering. V. Nevidomskii. Stroi. i arkhit. 9 no. 12 29-30 D '61.

PLASTIC AUTOMOBILES see Automobiles, Plastic

PLASTIC PIPE see Pipe, Plastic

PLASTICITY

Bezukhov, N. I. [Fundamentals of the theory of elasticity, plasticity and creep] Osnovy teorii uprugosti, plastichnosti i polzuchesti. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 538 p.

Compression of elastic-viscous cylindrical bodies on plastometers with plane-parallel blocks. A. I. Lukomskaia. Dokl. AN SSSR. 142 no. 6 1285-1288 F '62.

Flow of a plastic material with curvilinear anisotropy in a boundary layer. M. S. Sarkisian. Issl. po uprug. i plast. no. 1 147-152 '61.

Investigating the limits of yielding and breakdown under combined loading. V. N. Kamentsev, G. B. Talypov. Issl. po uprug. i plast. no. 1:95-106 '61.

Plotting the fields of stresses and speeds in problems of a plastic flow. V. V. Sokolovskii. Inzh. zhur. 1 no. 3 116-121 '61.

Problems of plastic flow. P. M. Ogibalov, I. A. Kiiko. Inzh. zhur. 1 no. 3:181-184 '61.

Stress discontinuities under general plastic conditions. I. V. Shirko. Inzh. zhur. 1 no. 3:188-192 '61.

PLASTICIZERS

Pine tar saved the situation. G. Buldakova. Mest. prom. i khud. promys. 3 no. 1 31 Ja '62.

PLASTICS
(see also subdivision under Armenia)

Dubasov, A. A. [Equipment for machine building made from plastics] Oborudovanie iz plasticheskikh mass v mashinostroenii. Moskva, Vses. uchebno-pedagog. izd-vo, Profizdat, 1961. 113 p. (Bibliioteka molodogo rabochego)

Dyeing of elastic foam polyurethan and the application of a printed pattern to it. Z. I. Sergeeva and others. Plast. massy no. 2:25-27 '62.

Fire-proofing properties of the FA monomer. N. N. Oster-Volfa. Plast. massy no. 2:73-74 '62.

Galochkina, G. S., and V. I. Khrenov. [Plastics in public food service and trade enterprises] Plastmassy v predpriiatiiakh torgovli i obshchestvennogo pitaniia. Moskva, Gos. izd-vo lit-ry, 1961. 119 p.

Ivan'kov, P. A., and N. F. Smozhenkov. [Plastics in cartography] Plastiki v kartografii. [n. p.,] Izd-vo geodez. lit-ry, 1961. 80 p.

Methods for reconditioning parts with plastics. I. E. Konlukhov. Mashinostroitel' no. 2, 20-21 F '62.

Paskudskii, A. V., and L. A. Bobrova. [Organization of a study room and performance of laboratory work on plastics and synthetic fibers] Organizatsiia uchebnogo kabineta i provedenie laboratornykh rabot po izucheniiu plasticheskikh mass i sinteticheskogo volokna. Moskva, Vses. uchebno-pedagog. izd-vo Profotekhizdat, 1961. 40 p. (Obmen opytom raboty)

Plastic duplicators. A. R. Chudnovskii, L. D. Vaiser, S. N. Polevoi. Mashinostroenie no. 1 10-11 Ja-F '62.

Plastics in machine manufacture. E. Simonian. Prom. Arm. 4 no. 12, 56-60 D '61.

Use of plastics for manufacturing loom shuttles; review of foreign publications. V. M. Savinov, L. B. Sokolov. Tekst. prom. 21 no. 12 78-79 D '61.

Use of plastics in the Volgograd Tractor Factory. M. K. Silatkes. Trakt. i sel'khozmash. 32 no. 3:37-39 Mr '62.

Using "stirakril" for restoring worn-out parts. G. D. Pekelis. Khim. mash. no. 6 42-43 N-D '61.

PLASTICS—BIBLIOGRAPHY see Bibliography—Plastics

PLASTICS—EXHIBITIONS

At the Exhibition of Achievements of the National Economy of the U. S. S. R. Plastics in the machinery manufacture. G. Tetevos'ian. Plast. massy no. 2:1-4 '62.

PLASTICS—MOLDING

Shrinkage of low-pressure polyethylene during compression molding. V. V. Lapshin, A. A. Sinyukhina, N. A. Koroleva. Plast. massy no. 2:27-30 '62.

PLASTICS—TESTING

Deltakin, F. P., V. F. Matsenko, and G. I. Dybenko. [Engineering characteristics of DSP plastic] Mekhanicheskie kharakteristiki plastika DSP. Kiev, Izd-vo Akad. nauk USSR, 1961. 124 p.

Specific rigidity of teeth of textolite and polyamide gear wheels. M. V. Kukharev. Izv. vys. ucheb. zav.; prib. 5 no. 1:138-139 '62.

Strain of foam plastics in a shear stress under loads of short and long duration. S. V. Kolpakov. Plast. massy no. 2:59-63 '62.

PLASTICS CUTTING

Optimum temperature for the cutting of plastics. V. I. Vadachkoriia. Mashinostroitel' no. 2:32-33 F '62.

Pneumatic removal of waste products in plastics cutting. Kh. M. Mil'man. Mashinostroenie no. 1 109-110 Ja-F '62.

PLASTICS IN MEDICINE

Changes in the dental pulp under fillings of AKR-7 plastic. E. S. Vorgskaia, A. I. Marchenko, O. V. Petrova. Probl. stom. 5:169-174 '60.

First experience in using poroion for plombage of the chest cavity in an experiment and in the clinic. A. G. Gubanov, G. G. Gorovenko, K. K. Berezovskii. Nov. khir. arkh. no. 3 65-72 My-Je '60.

"Lavsan" is a friend of the surgeon. I. Druzhinin. Mest. prom. i khud. promys. 3 no. 2:12-13 F '62.

Plombage of the pleural cavity using poroion. V. P. Radushkevich. Nov. khir. arkh. no. 3:60-65 My-Je '60.

PLASTICS INDUSTRY see subdivision under Japan

PLATE TOWERS

Analytical method for calculating the number of theoretical plates in rectification process. E. IA. Susanov. Zhur. prikl. khim. 35 no. 2:366-370 F '62.

Determination of the resistance of turbogrid-type plates. Iu. K. Molokanov. Khim. i tekh. topl. i masel 7 no. 3: 41-48 Mr '62.

Hydraulic resistance of grid trays. M. E. Aerov. Khim. i tekh. topl. i masel 7 no. 3:48-50 Mr '62.

Industrial application of turbogrid-type plates for recovering natural gasoline by solar oil. Iu. I. Dytnerskii and others. Koks i khim. no. 6:40-43 '61.

Kuz'minykh, L. N., M. D. Babushkina, and E. V. Babaev. [New equipment for the cooling and scrubbing of sulfur dioxide] Novaia apparatura dlia okhlazhdeniia i promyvki sernistogo gaza. Moskva, Goslesbumizdat, 1960. 68 p.

Mass transfer in turbogrid-type bubble plates. A. G. Kasatkin, D. M. Popov, Iu. I. Dytnerskii. Khim. prom. no. 2:123-130 F '62.

Testing turbogrid-type sieve plates with perforations of two different diameters. A. I. Rodionov. Zh. A. Koval', I. S. Bozhov. Zhur. prikl. khim. 35 no. 2:357-361 F '62.

PLATES, IRON AND STEEL

Flexure of sectional plates with fastened rectangular edges. P. G. Goloskokov. Trudy LIVT no. 5, 48-55 '60.

PLATINUM—ISOTOPES

Conversion electrons from short-lived platinum and iridium isotopes. E. P. Grigor'ev and others. Izv. AN SSSR Ser. fiz. 26 no. 1 120-124 Ja '62.

PLATINUM COMPOUNDS

Inner-complex compounds of bivalent platinum with acetylacetone. L. M. Volshtein, M. F. Mogilevkina. Dokl. AN SSSR. 142 no. 6 1305-1307 F '62.

Interaction between alkali and trans-[Pt(NH3)2Cl2]. I. I. A. A. Grinberg. [U. N. Kukushkin. Dokl. AN SSSR. 142 no. 5:1076-1078 O '61.

PLATINUM ELECTRODES see Electrodes, Platinum

PLAY

Didactic games for the little ones. A. I. Mikhailova. Doshk. vosp. 35 no. 1:55-56 F '62.

Some typological differences in the play activity of children. L. I. Umanskii. Dokl. APN. 5 no. 3:61-64 '61.

PLAYGROUNDS

Planning and equipping the plots of children's preschool institutions. V. Svidler'skii. Sil'. bud. 11 no. 12, 10-11 D '61.

PLAYS FOR CHILDREN see Children's plays

PLESETSK DISTRICT—CRIME PREVENTION

A district court gives an account of its work. V. Vlasov. Sov. iust. no. 3:11 F '62.

PLETHYSMOGRAPHY

Optimum conditions for the electroplethysmographic registration of sections of the human body and the organs. Iu. E. Moskalenko. Fiziol. zhur. 48 no. 3:311-316 F '62.

PLEURA—CANCER

Two cases of a primary malignant tumor of the pleura. V. I. Kiselev, I. I. Popova. Grud. khir. 4 no. 1:107 Ja-F '62.

PLEURA—DISEASES

Abdominal syndrome in pleuropulmonary diseases. V. K. Volkov. Kaz. med. zhur. no. 4:35-37 Jl-Ag '61.

Histogenesis and structure of the pleural adhesions, experimental and clinical studies. V. V. Vakhidov. Med. zhur. Uzb. no. 11:40-44 N '61.

PLEURA—FOREIGN BODIES

Rare case of penetration of a foreign body from the right bronchus into the pleural cavity. K. N. Rodionovskii. Zhur. ush., nos., i gorl. bol. 20 no. 6:61-62 N-D '60.

PLEURA—SURGERY

Intrapleural bypass anastomoses in inoperable cancers of the esophagus and cardial portion of the stomach [with summary in English]. S. I. Ilkaev. Vest. khir. no. 2 13-19 '62.

Pleurectomy in an 11-year-old child. E. F. Finkel. Grud. khir. no. 5:111 '61.

Plombage of the pleural cavity using poroion. V. P. Radushkevich. Nov. khir. arkh. no. 3:60-65 My-Je '60.

PLEURISY

Clinical evaluation of protein displacements in the blood and exudates in tuberculous exudative pleurisy [with summary in English]. IA. A. Makarevich. Ter. arkh. no. 7:79-84 '61.

Radioscopic investigation methods in exudative pleurisy. N. P. Negovskii, M. G. Vinner. Kaz. med. zhur. no. 4: 73-75 Jl-Ag '61.

PLISKOV DISTRICT—COLLECTIVE FARMS

Business accounting is an important factor in increasing the productivity of an automobile depot. F. A. IArmoshchuk. Uchet i fin. v kolkhoz. i sovkhoz. 19 no. 2:49 F '62.

PLOCK, POLAND—PETROLEUM CHEMICALS

Plock means petroleum chemistry. S. Ostrovskii. Vokrug sveta no. 4:50-51 Ap '61.

PLOMBAGE (SURGERY)

First experience in using poroion for plombage of the chest cavity in an experiment and in the clinic. A. G. Gubanov, G. G. Gorovenko, K. K. Berezovskii. Nov. khir. arkh. no. 3:65-72 My-Je '60.

Plombage of the pleural cavity using poroion. V. P. Radushkevich. Nov. khir. arkh. no. 3:60-65 My-Je '60.

PLOWING

Determining the specific resistance of soils to plowing with the help of plow bottom models. S. V. Aimpleevskaia. Sbor. nauch.-issl. rab. UzNIIME no. 1:257-301 '59.

Effect of cultivation on the hydrophysical properties of the subsoil of leached Chernozems. M. M. Khamidullin. Pochvy IUzh. Urala i Povol. no. 4:248-254 '60.

Effect of the depth of plowing on the microflora of soils. A. Sh. Latypov, E. P. Solov'eva. Pochvy IUzh. Urala i Povol. no. 4:230-237 '60.

Methods for increasing the depth of the plow layer of irrigated Sierozems. F. I. Resheinikov. Sbor. nauch.-issl. rab. UzNIIME no. 1:20-44 '59.

PLOWING (Continued)
Subsoil; physical and chemical properties of the structural fractions of' plow layer and subsoil of leached Chernozems. S. N. Taichinov, M. M. Khamidullin, P. A. Kurchev. Pochvy IUzh. Urala i Povol. no 4:238-217 '60.

PLOWS
Certain principle parameters of general purpose tractor plows M. E. Matsepuro, A. A Runtso. Vop zemledel' mekh. 6 130-205 '61
Development of the theory of the working surface of a plow base. V. A. Zhelligovskii Mekh i elek sots sel'khoz. 20 no 1:60 '62
Increase in the efficiency of tractor-mounted plows. A. I. Eletskii, I. E. Popov Mekh i elek sots sel'khoz 20 no. 1:4-7 '62
Method for increasing the longitudinal stability of crawler tractors with a balancing suspension. V. IA. Anilovich. Mekh. i elek. sots. sel'khoz 20 no. 1.7-10 '62
The PBN-75 mounted bog plow. M. V. Volkova. Biul. tekh. -ekon. inform no. 1:60-61 '62

PLUM—DISEASES AND PESTS see subdivision under Armenia

PLUMB-LINE DEFLECTIONS
Approximation of plumb-line deflections observable in the earth's gravity field. V. A Kazinskii. Izv AN SSSR. Ser. geofiz. no. 1:95-104 Ja '62

PLUMBING
Akademiia stroitel'stva i arkhitektury SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. [Indoor plumbing work] Vnutrennie sanitarno-tekhnicheskie raboty. Izd. 2 , ispr. i dop. Moskva, Gos. izd-vo lit-ry po stroit. , arkhit. i stroit. , arkhit. i stroit. materialam, 1961. 215 p

PLURALITY OF WORLDS
Life zones in outer space. V. Kovalevskii. IUn. tekh. 6 no. 1-73-75 Ja '62

PLUTONIUM FLUORIDE
Galkin, N. P., L. A. Ponomarev, and IU. D. Shishkov. [Plutonium hexafluoride, its preparation and properties] Geksaftorid plutoniia, ego poluchenie i svoistva. Moskva, Gos. izd-vo lit-ry v oblasti atomnoi nauki i tekhniki, 1961. 34 p.

PLYWOOD
Flit, I. A., N. V. Zhur, and I. A. Sheidin. [Laminated and decorative materials made of wood, their properties and use in ship repairing] Plastiki i dekorativnye materialy iz drevesiny, ikh svoistva i primenenie v sudoremonte. Pod obshchei red. N. V. Zhura. Leningrad, Izd-vo "Morskoi transport," 1961. 141 p.

PLYWOOD INDUSTRY see subdivision under United States

PNEUMATIC CONTROL
The BF-2 pneumatic function unit. N. A. Barykin, I. G. Efimov, IU. A. Kon'kov. Priborostroenie no. 2:19-21 F '62.
New development of the AUS-TSLA pneumatic devices. TS. P. Krivoi, A. A. Novikov, P. M. Shanturin. Priborostroenie no. 2:10-13 F '62
New pneumatic instruments. M. S. Vainer, V. S. Cherepanov. Priborostroenie no 2:27-29 F '62.
Outlook for the manufacture of pneumatic control equipment. Priborostroenie no. 2:1-3 F '62.
Pneumatic-electric converters N. I. Zhukovskii. Standartizatsiia 26 no. 2:48-50 F '62.
Pneumatic multicast devices using tubular diaphragms. B. G Tsikhanovich. Elektrosila no. 19:48-49 '60.
Secondary recording device for the cascade control system. V. A. Savin. Priborostroenie no. 2:16-18 F '62.
Survey of the system of the AUS-TSLA pneumatic devices. V. A. Bekenshtein, TS. P. Krivoi. Priborostroenie no. 2:14-16 F '62.
Technical and economic effectiveness of the use of the AUS instruments. P. M. Stukolov. Priborostroenie no. 2:24-26 F '62.

PNEUMATIC GAUGES
New pneumatic instruments. M. S. Vainer, V. S. Cherepanov. Priborostroenie no. 2:27-29 F '62.

PNEUMATIC GAUGES—TESTING
Experimental investigation of the thermodynamic process in pneumatic measuring devices. O. B. Balakshin. Trudy Inst. mash. Sem. po toch. v mash. i prib, no. 16:11-13 '61.
Investigating the measuring force of noncontact pneumatic measuring devices. O. B. Balakshin. Trudy Inst. mash. Sem. po toch. v mash. i prib. no. 16:3-10 '61.

PNEUMATIC MACHINERY
Pneumatic amplifiers. A. D. Petrenko. Priborostroenie no. 2:18-19 F '62.
Pneumatic devices with a centrifugal feedback. D. M. Zalgermakher, K. A. Savel'eva. Priborostroenie no. 2: 29-30 F '62.

PNEUMATIC MACHINERY—TESTING
Investigating the effect of humidity and temperature on the characteristics of diaphragms of pneumatic summation relays A. P Solomennikov Priborostroenie no 2:30-31 F '62

PNEUMATIC TOOLS
Performance of a pneumatic device with heating of the air in the compressor A. D. Akimenko Izv vys ucheb zav ,energ 5 no. 1,105-110 Ja '62.

PNEUMATIC-TUBE TRANSPORTATION
Pneumatic removal of waste products in plastics cutting Kh M. Mil'man. Mashinostroenie no. 1 109-110 Ja-F '62
Pneumatic transportation of corn cobs. N. Shurovskii. Muk -elev prom. 27 no. 12:13 D '61.
Rated dependences of mine pneumatic-tube transportation A. E. Smoldyrev Ugol' Ukr. 6 no 1 18-20 Ja '62

PNEUMOGASTRIC NERVE see Vagus nerve

PNEUMOMEDIASTINUM
Use of the method of pneumomediastinography in the surgical clinic [with summary in English] V. I. Pipiia, K. B. Kvirkeliia Grud khir 4 no. 1:92-95 Ja-F '62

PNEUMONIA
Electrophoretic study of protein and lipid fractions of blood serum in chronic nonspecific pneumonia. V. N. Saperov. Kaz. med zhur. no 4:28-31 Jl-Ag '61.
Hematological changes in pneumonia following application of antitoxic liquid in children. T. K. Kadyrova. Med. zhur. Uzb. no 9,39-41 S '61.
Is croupous pneumonia an allergic process? I. P. Mishchenko. Med. zhur. Uzb no 3 3-5 Mr '60
Pathogenesis and treatment of chronic pneumonia. A. M. Margolin, N. A. Anisimova. Kaz. med. zhur. no. 4: 23-26 Jl-Ag '61.
Prevention and treatment of pneumonia in newborns. D. I. Iskhakova. Med. zhur. Uzb. no 2 29-30 F '60.
Proteolytic enzyme therapy in bronchial asthma and chronic nonspecific pneumonia. D. M. Zlydnikov. Terap arkh. no 7,62-67 '61.
Prothrombin index in pneumonia in children. V. P. Eletskaia. Med. zhur. Uzb. no. 2:31-35 F '60.
Rare case of penetration of a foreign body from the right bronchus into the pleural cavity. K. N. Rudzimirskii. Zhur. ush. , nos. i gorl. bol. 20 no. 6:81-82 N-D '60.
Use of antitoxic liquid in the treatment of pneumonia in children. T. K. Kadyrova. Med. zhur. Uzb. no. 2 31-34 F '60.
Use of levomycetin in the treatment of protracted pneumonia. V. P. Sil'vestrov, IU. S. Malov. Kaz. med zhur. no. 4:31-35 Jl-Ag '61.
Use of neuroplegics in compound treatment in toxic pneumonia in infants. A. F. Dobrogaeva, E. S. Liuboshits. Zdrav. Bel. 7 no. 8:53-56 Ag '61

PNEUMOPERITONEUM, ARTIFICIAL
Causes of the fuzzy kidney image in retropneumoperitoneum. E. M. Shimkus. Vest. rent. i rad. 36 no 6 67-69 N-D '61.

PNEUMOTHORAX
Gases in the blood in mitral commissurotomy during the period of open pneumothorax [with summary in English]. IU. IA. Agapov. Grud khir. 4 no 1:29-33 Ja-F '62
Pleural adhesions following artificial pneumothorax. I. P. Zinov'ev. Zdrav. Kazakh. 21 no. 10:28-30 '61.
Results of short-term reversible collapsotherapy. L. V. Shvartsberg. Zdrav. Kazakh. 21 no, 5:53-54 '61.
Role of vagosympathetic blocking in cauterizing adhesions in patients with negative intrapleural pressure. N. I. Krakovskii, I. P. Kopeiko. Kaz. med. zhur. no. 4: 37-39 Jl-Ag '61.
Treatment of spontaneous pneumothorax. V. V. Vakhidov. Med. zhur. Uzb. no. 12:25-27 D '61.

PNOM-PENH, CAMBODIA—DESCRIPTION
Pnom-Penh, the capital of Cambodia. G. Kadymov. Az. i Afr. seg. no. 2:38-40 F '62.

PODKAMENNAYA TUNGUSKA VALLEY—METEORITES
Did the Tunguska catastrophy influence the growth of forests? V. I. Nekrasov, IU. M. Emel'ianov. Priroda 51 no. 2:102-105 F '62.
Riddle of "space strangers" awaits its solution. A. Kazantsev. Smena 39 no. 1:22-24 Ja '62.

PODOLIA—HETEROSTRACI
Heterostraci of the upper Silurian in Podolia. P. P. Balabai. Nauk. zap. Nauk. -pryrod. muz. AN URSR 9:3-11 '61.

PODOLIA—PALEONTOLOGY, STRATIGRAPHIC
Recent data on the paleontological characteristics of Helvetian deposits in Podolia [with summary in English]. I. V. Venglins'kyi. Dop. AN URSR no 1:99-104 '62.

PODOLIA—RUGOSA
Bul'vanker, E. Z. [Rugosa of the Silurian in Podolia] Korally rugoza silura Podolii. Moskva, Gos. izd-vo geol. lit-ry, 1952. 48 p. (Leningrad, Vsesoiuznyi geologicheskii institut. Trudy)

PODZOL
(see also subdivision under Bryansk Province)
Effect of various factors on seasonal changes in the liberation of CO_2 in turf-Podzolic soils V. P. Firsova, Z. N. Aref'eva. Pochvy IUzh. Urala i Povol no. 4 157-165 '60.
Plant root systems in turf-Podzolic and Chernozem soils. S. S. Il'in. Pochvy IUzh Urala i Povol. no 4:193-205 '60

POETRY FOR CHILDREN see Children's poetry

POKROVSKII, MIKHAIL NIKOLAEVICH, 1868-1932
Academician M. N. Pokrovskii and his role in the development of Soviet historical science [with summary in English, pp 217-218] S. M. Dubrovskii Vop. ist. no. 3: 3-31 Mr '62.
Discussion of S. M. Dubrovskii's article "Academician M. N. Pokrovskii and his role in the development of Soviet historical science " Vop ist no 3:31-40 Mr '62.
Historical views of M. N. Pokrovskii. O. Sokolov. Kommunist 38 no 4:69-79 Mr '62

POLAND—AIR FORCE
Baptism by fire. G. Semenikhin. Vest. Vozd. Fl. no. 11: 82-83 N '61

POLAND—ANTIQUITIES
"A burial mound in Lutomirsk near the city of Lodz" [in Polish] by A. Nadolski, A. Abramowicz, T. Poklewski Reviewed by A. N. Kirpichnikov Vop. ist. no. 2:175-176 F '62.

POLAND—ARCHAEOLOGY
Twenty-five hundred years ago. . . V. Novakovskii. Vokrug sveta no 5:52-53 My '61

POLAND—ARMY
In a united formation S Lesnevskii. Starsh -serzh. no 11 37 O[t e. N] '61.

POLAND—BIBLIOGRAPHY
[New literature on European people's democracies and Slavic studies: Poland,] Nov. lit. po evrop. stran. nar. dem. i slav. : Pol'. no. 12 '61.

POLAND—BOTANICAL GARDENS
In botanical gardens of the Polish People's Republic. V. N. Bylov. Biul Glav. bot. sada no. 44:95-99 '61

POLAND—CARTOGRAPHY
Moon cartography. R Dońaki. IUn. tekh. 6 no. 1:23-25 Ja '62.

POLAND—CATHOLIC CHURCH
Intrigues of the Vatican and the reactionary Catholic clergy in People's Poland, 1945-1961 A. V Santsevych Ukr. ist. zhur 6 no. 1:67-73 Ja-F '62.

POLAND—COMMUNIST PARTY
A meeting devoted to the 20th anniversary of the Polish Workers' Party. M. I. Mykolaienko. Ukr. ist. zhur. 6 no. 2:145 Mr-Ap '62.

POLAND—EDUCATION
Struggle of the Polish United Workers' Party for the advancement of public education. A. Verbian. Kommunist 38 no. 4:101-107 Mr '62.

POLAND—EDUCATION, HIGH
"Didactics of institutions of' Memorandum book of a se ties of institutions of high for the bibliography of th higher learning in Polan viewed by F. I. Naumenk 87

POL
Or
R
D
G

POL
"In
N.
T
25

POL
"So
ti
R
14

POL
Pre
ce
no

POL
Fri
M.

POLAND—PHOTOGRAPHY—EQUIPMENT AND SUPPLIES
Polish enlargers G Mosińska Sov foto 22 no 3 38-39 Mr '62

POLAND—PITCH
Pitch coke in the Polish People's Republic E B Levin Koks i khim no 12 59 '61

POLAND—POLITICAL PRISONERS
Mozil', Iurii, pseud [Notes of a political prisoner; reminiscences on a Polish prison] Zapysky politv'iaznia; spomyny z pol's'koi turmy. Toronto, "Dobra knyzhka," 1958 128 p. (TSIkavi opovidannia, no. 31-35) (InU)

POLAND—RELATIONS (GENERAL) WITH RUSSIA
Joint work of Soviet and Polish sociologists Vest AN SSSR 32 no 3 76-77 Mr '62

POLAND—RELATIONS (GENERAL) WITH WHITE RUSSIA
The Polish-White Russian friendship is getting stronger. A. Klevchenia. Komm Bel. 35 no 6:50-51 Je '61

POLAND—REVOLUTION, 1830-1832
Participation of Russian soldiers and commissioned officers in the Polish Rebellion of 1830-1831 A I Bortnikov. Ukr. ist. zhur. 6 no 2:78-85 Mr-Ap '62

POLAND—REVOLUTION, 1863-1864
Russian responses to the Polish Revolution of 1863; from materials on the history of the Baltic Shipyard [with summary in English] V V Gerbach. Vest LGU 17 no 2:156-159 '62.

POLAND—SULFUR MINES AND MINING
Golden bowl. IU. Popkov. Vokrug sveta no. 2-11-13 F '62

POLAND—WAR CRIME TRIALS
Orlowski, Sławomir, and Radosław Ostrowicz. [Erich Koch before the Polish court Translated from the Polish. Preface by A I. Poltorak] Erikh Kokh pered pol'skim sudom. Moskva, Izd-vo In-ta mezhdunarodnykh otnoshenii, 1961 265 p

POLAND—WORLD WAR, 1939-1945
Aggression of Fascist Germany against Poland and the position of the western states V Dashichev. Voen-ist zhur. 3 no. 12 36-49 D '61.
Source materials on the Second World War published in a Polish periodical. V. M. Borodin. Vop ist no. 2 189 F '62

POLAR REGIONS
Feature stories of "Ukraina" Ukraina no 3 5 F '62.

POLAR REGIONS—AERIAL EXPLORATION
Science scout. V. Matsepuro. Grazhd. av. 18 no. 11: 4-5 N '61

POLARIZATION (ELECTRICITY)
Dielectric polarization of plastic lubricants [with summary in English] IU. F Deineha, A V. Lobastova Dop. AN URSR no 1 73-75 '62

POLARIZATION (LIGHT)
Optical calculating machines. IU. Kalinin IUn. tekh. 6 no 1 26 Ja '62.
Polariscopic analysis of the dislocation structure of a crystal. V. L. Indenbom, V. I Nikitenko, L. S. Milevskii Fiz tver. tela 4 no. 1:231-235 Ja '62.
Polarized fluorescence and spectral classification of complex molecules. V P. Klochkov, B S Neporent Opt. i spektr. 12 no. 2:233-238 F '62.
Vector-parametric method for studying polarized luminescence. A. M. Samson, K S. Adzerikho Opt. i spektr. 12 no. 2:239-247 F '62.

...tants of the transfer of ...s temperatures from polaro... ...aves. S. G. Mairanovskii, ...t. Otd. khim nauk no. 2

...raphic analysis of organic ...urian, V. F. Romanov.

...mination of thiourea in a ...pper electrolyte. V. I. ...NIPP no. 11:133-154 '60.
...some semicarbazones and ...udnikov, IU. P. Kitaev. ...-364 F '62.
...ixture of terephthalic, ...nd 3-nitro-p-toluic acids [A. I. Turian, IU. A. ...i. 17 no. 1:121-125

...en waves as dependent on ...yats. S. G. Mairanovskii. ...-1330 F '62.
...acenaphthylene in ...nglish]. V. D. Basuglyi, ...kia. Zhur. anal. khim.

Polarographic electrolyzer with a solid indicator electrode for continuous automatic control IA I Turian. Zav. lab 28 no 1 96-101 '62

Polarographic method for determining the furfural in products of the hydrolysis industry V G Kul'nevich, K M. Kardailova, F S Onoprienko. Izv. vys. ucheb. zav., pishch tekh no 6 145-149 '61

Polarography of diethylaminoethylthiol. S. I Zhdanov. Zhur ob khim. 31 no 12:3874-3877 D '61

Quantitative determination of dixanthogen by the polarographic method. I. N Plaksin E A Shrader Izv vys. ucheb zav., tsvet. met 5 no. 1 41-43 '62.

Role of the pH and the cobalt ion in the stabilization of the polarographic wave of proteinase of Bacillus subtilis during thermal denaturation I. D Ivanov, E E Rakhileeva Dokl. AN SSSR 142 no 2 468-470 Ja '62.

Tautomerism and geometrical isomerism of nitrogen-containing derivatives of carbonyl compounds. Report No 5 Polarographic study of semicarbazones and thiosemicarbazones of some aliphatic and alicyclic ketones IU. P Kitaev, G. K. Budnikov, I M Skvirskova Izv. AN SSSR Otd khim. nauk no 2 244-252 F '62.

Use of square-wave polarography for determining cadmium and thallium in products of nonferrous metallurgy R. G Pats Zav lab 28 no 1 18-20 '62

POLAROGRAPHY—CONGRESSES
International colloquium on oscillographic polarography with alternating current V Gladyshev. Zav. lab 28 no. 1 125 '62

POLES see subdivision under Germany

POLESYE—DRAINAGE
Machinery makes soil. A. M. Kirilukhin. Nauka i zhizn' 28 no. 12:2-6 D '61

POLESYE—GEOLOGY
Geological history of the Pripet Polesye in the Quaternary period. A. A. Makkaveev. Vop gidrogeol i inzh geol. no. 19:114-124 '61

POLESYE—WATER, UNDERGROUND
Characteristics of the forecast of ground-water level fluctuations under conditions of flat depression curves and very thick water-bearing strata in the Polesye. P. A. Kiselev. Dokl. AN BSSR 6 no. 2:117-120 F '62.

POLEVSKOY—RESTAURANTS, LUNCHROOMS, ETC.
Every second counts E Kholodnyi. Obshchestv. pit. no 11 39-40 N '61.

POLICE
We should improve the work and organization of the Soviet police M. V. Barsukov Sov. gos. i pravo no. 2: 31-43 F '57

POLIOMYELITIS
(see also subdivision under Japan; Samarkand)
Andrushko, N. S. [Orthopedic prevention and treatment of the deformities of the supporting and locomotor apparatus at different periods in poliomyelitis] Ortopedicheskaia profilaktika i lechenie deformatsii oporno-dvigatel'nogo apparata v razlichnye periody zabolevaniia poliomielitom. Moskva, Medgiz, 1961. 137 p. (DNLM)
Clinical aspects of acute poliomyelitis and the differential diagnosis of some of its forms IA IA Gordon. Med. zhur. Uzb. no 2, 13-18 F '60.
Effect of some acridine derivatives on the poliomyelitis and murine encephalomyelitis viruses [with summary in English]. O V. Bychkovskaia and others. Vop. virus. 6 no. 6:736-738 N-D '61.
Electrocardiographic changes during acute poliomyelitis. V. A. Simongulov, T. N. Goglia. Soob. AN Gruz. SSR 27 no. 6:779-783 D '61.
Infection of a tissue culture with viral ribonucleic acid as a method for isolating clones of poliomyelitis virus with stable genetic characteristics [with summary in English] IU Z. Gendon, L. S Diskina, A. T Marchenko Vop. virus 6 no 6:651-656 N-D '61.
Intra type antigenic distinctions among poliomyelitis virus strains [with summary in English]. E. R. Pille. Vop. virus. 6 no. 6 697-700 N-D '61.
Letter to the editor. Buchenko. Med. zhur. Uzb. no. 3: 78 Mr '60.
New methods for treating the sequelae of poliomyelitis in children. G. IU. Maubeeva. Zdrav. Kazakh. 21 no 10:51-53 '61.
Organization of the medical care for children with sequelae following poliomyelitis. L. N. Kim, I. V. Vovnianko, N. G. Samokhvalov. Zdrav. Kazakh. 21 no. 10:49-51 '61.
A return to life. Andrei Aidan-Semenov. Sov. profsoiuzy 18 no. 1:26-27 Ja '62.
Suitability of various types of tissue culture for detecting poliomyelitis and other enteroviruses in the practical laboratory [with summary in English]. E. S. Zalmanzon and others. Vop. virus. 6 no. 6:750-754 N-D '61.

POLIOMYELITIS—RESEARCH—CONGRESS
Akademiia meditsinskikh nauk SSSR, Moscow. Institut po izucheniiu poliomielita. [Principal results of the fourth session of the Institute on the Study of Poliomyelitis, the International Symposium on Live Vaccine against Poliomyelitis, and the First Soviet-American Conference on the Control of Poliomyelitis] Osnovnye itogi IV-i nauchnoi sessii Instituta i mezhdunarodnogo simpoziuma po zhivoi vaktsine protiv poliomielita i I-go sovetsko-amerikanskogo soveshchaniia po bor'be s poliomielitom Moskva, 1960. 20 p.
(DNLM)
[MICROFILM]

POLIOMYELITIS VACCINE
Evaluation of a serological examination of infants vaccinated during their neonatal stage with live poliomyelitis vaccine prepared from Sabin's strains [with summary in English] M K Voroshilova, G. P. Tarasenova. Vop. virus. 6 no 6 700-704 N-D '61

POLISH LITERATURE—HISTORY AND CRITICISM
"History of Polish literature" by V. D. Obolevich. Reviewed by P. Dmitriev, G Safronov. Neva no. 12:209-216 '61.

POLISH QUESTION
The policy of Germany and Austria-Hungary toward Poland during the First World War [with summary in English, pp 220-221] I Grosfeld Vop ist no. 3 84-102 Mr '62.

POLITICAL CRIMES AND OFFENSES
(see also subdivision under Argentina)
IAkubovich, M. I., and V. A. Vladimirov, eds. [Offenses against the security of the Soviet state; a textbook on Soviet criminal law] Gosudarstvennye prestupleniia, uchebnoe posobie po sovetskomu ugolovnomu pravu. [By] V. A. Vladimirov i dr. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 227 p.

POLITICAL PRISONERS see subdivision under Germany, Poland

POLITICAL SCIENCE
Anti-Marxist misinterpretation of the forms of the "welfare state." V. E. Guliev Vest. Mosk. un. Ser. 10: Pravo 17 no. 1:56-64 Ja-Mr '62.
Materials for the elections to the Supreme Soviet of the U. S. S. R Polit samoobr. 6 no 2 120-123 F '62

POLITICAL SCIENCE—METHODOLOGY
Methodological problems in the history of political theories [with summary in English, p. 108]. S. I. Kechkiian. Vop. filos. 16 no. 2, 96-98 '62.

POLITICAL SCIENCE—TEXTBOOKS
Discussion of the "History of political theories" textbook Sov. gos i pravo no. 2:121-124 F '57.

POLLEN
Leaves and pollen of hybrid trees. A. V. Al'benskii Sbor nauch.-issl. rab. po zashch. lesnogo khoz-va no 2: 3 16 '58.
Microsporogenesis and development of the pollen grain in wheat T. B. Batygina. Dokl. AN SSSR 142 no 5: 1205-1208 F '62.

POLLEN—STORAGE
Storage and germination of the pollen of some conifer species. O. T. Istratova Biul Glav. bot sada no 43: 53-56 '61.

POLLEN, FOSSIL see subdivision under Seymour Island, Antarctica

POLLINATION see Fertilization of plants

POLOMYAT' RIVER—HYDROLOGY
Relation between channel deformations, the regime of streamflow, and ground stability I. I IAkunin. Trudy GGI no. 88:91-108 '61.

POLONIUM—PHYSIOLOGICAL EFFECT
Changes in the concentration of adrenaline, noradrenaline, and their oxidation products in the blood and adrenals of rats due to the effect of polonium and X rays. I. N. Petrovnina. Radiobiologiia 1 no. 6:907-912 '61.

POLOTSK—RETAIL TRADE
From a settlement to a ministry. N. Shelaspaev, I. Sarikov Sov. deput. trud. no. 2:72-76 F '62.

POLTAVA PROVINCE—FARM MANAGEMENT
Improvement of the disposition of arable crop acreage is an important measure for increasing production. V. Komiakhov. Ekon. sel'khoz. 32 no. 12:24-33 D '61.

POLYAMIDES
Lifting capacity of bearings made of polyamides. V. F. Platonov. Plast. massy no. 2:31-37 '62.
Low molecular weight polyamide resins. K. N. Vinogova, L. I. Chudina, IU. N. Zachesov. Plast. massy no. 2:14-18 '62.
Reaction of active dyes with polyamide fibers. A. D. Virnik, M. A. Chekalin. Tekst. prom. 21 no. 12:47 D '61.

POLYCHAETA see subdivision under Pacific Ocean

POLYETHYLENE
Conference on the processing of polyethylene Z. I. Sokolova Plast massy no 2 80 '62
Shrinkage of low-pressure polyethylene during compression molding V. V Lapshin, A A Sinitsina, N A Koroleva Plast massy no 2 27-30 '62.
Studying the properties of SKS-30 rubber preparations with high pressure polyethylene. Report No 1 M I Krasnokutskaia, F. V Branshtein, G. V. Livyi Izv vya. ucheb. zav. ,tekh. leg. prom no 1:29-33 '62.

POLYETHYLENE—TESTING
Effect of temperature on the mechanical characteristics of tubular specimens of high-pressure polyethylene B. S Vas'kov, I. P Kovalenko. Plast. massy no 2:10-13 '62

POLYMERIZATION
Automatic regulation of temperature conditions in polymerization G Panonin. Prom Arm 5 no. 1: 45-46 Ja '62
Change in viscosity of a reactive mass in the process of isoprene polymerization IU A Litvin, V M Nepyshnevskii, G. M Sinaiskii Kauch i rez 21 no 2 1-4 F '62
Investigation of the polymerization of isopropenyl aromatic compounds Ionic polymerization of p- and o-substituted α-methyl-styrenes and α-isopropenylnaphthalene. A M. Polinkova, V V Korshak, N A Ippolitov. Neftekhimiia 1 no 2 224-229 Mr-Ap '61.
Mechanicochemical polymerization of methacrylamide in the solid state. V. A. Kargin, N A Plate, Van TSue-chzhu Dokl. AN SSSR 142 no. 6 1312-1315 F '62.
Polymerization and hydration of diene hydrocarbons on the KU-2 cation exchanger. N. G Poliianskii, T I Kozlova. Neftekhimiia 1 no 5:624-629 S-O '61.
Some features of the kinetics of styrene polymerization initiated by tertiary butyl peroxide and by tert-butylperbenzoate, S.S. Ivanchev, A.I. IUzhenko, N.I. Solomka. Dokl. AN SSSR 140 no. 5, 1079-1082 O '61.
Structure of a $FeCl_3$ × propylene oxide catalyst and the mechanism of stereospecific polymerization of some epoxy compounds. L. A. Bakalo and others Dokl. AN SSSR 142 no. 2 347-350 Ja '62.
Synthesis and polymerization of 2-vinylbicyclo-(2, 2, 1)-heptane, N A. Belikova and others. Neftekhimiia 1 no 2 218-223 Mr-Ap '61

POLYMERS
Adsorption modification of fillers and pigments and structure formation in polymer solutions A B. Taubman and others Dokl AN SSSR 142 no 2 407-410 Ja '62
Analysis of the shape of the line of electron paramagnetic resonance applied to studying the density distribution of unpaired electrons in anions of certain polymers. S. P. Solodovnikov, V. V. Voevodskii Opt. i spektr 12 no. 1:32-36 Ja '62.
Andrianov, K. A. [Macromolecular compounds for electrical insulation] Vysokomolekuliarnye soedineniia dlia elektricheskoi izoliatsii. Moskva, Gos. energ. izd-vo, 1961. 327 p. (Polimery v elektroizolitsionnoi tekhnike, no. 1)
[MICROFILM]
Apparatus for the study of polymer coatings. P. I. Zubov, I. A. Lepilkina Vest AN SSSR 32 no 3:49-50 Mr '62.
Baby's rattle and a space ship. IUrii Altanskii. Neva no 8:157-164 '61.
Baramboim, N.K. [Mechanochemistry of polymers; chemistry of mechanical processes involved in the treatment of high polymers] Mekhanokhimiia polimerov; khimiia mekhanicheskikh protsessov pererabotki vysokopolimerov. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1961. 250 p.
Berezin, D. I. [Synthetic polymers in printing] Sinteticheskie polimery v poligrafii. Moskva, Gos. izd-vo "Iskusstvo," 1961 174 p.
[The chemistry and technology of polymers; translations from foreign periodical literature.] Khim. i tekh. polim.; sbor. perev. iz inostr. period. lit. 5 no. 10 '61; 6 no. 1 '62.
Control joints made of polymer materials. L. Meshcherinkov. Avt. dor. 25 no. 2:17, 22 F '62.
Di-β, $β^1$-chloroethyl ester of vinylphosphinic acid as a starting material in the production of hardening phosphorus-containing polyesters. E. L. Gefter, A. IUdashev. Plast. massy no. 2:49-51 '62.
Effect of the chain length on the optical activity of spiral polymers. V. M. Aslanian Dokl AN Arm. SSR 33 no 5 199-204 '61.
Excited states of spiral polymers. R. Khoffmann. Vest. Mosk. un. Ser. 3: Fiz., astron. 17 no. 1:69-77 Ja-F '62.
Investigation of polymer shale oils. IU. H. Polovoi. Khim. i tekh. gor. slan. i prod. ikh perer. no. 6:224-230 '60.
Materials of the future. K. Kornev. Nauka i zhyttia 11 no. 1:24-26 Ja '62.
Observation of the Mössbauer effect in a tin-containing polymer. V. A. Briukhanov and others. Zhur. eksp. i teor. fiz. 42 no. 2:637-639 F '62.
Polarographic determination of acenaphthylene in polymers [with summary in English]. V. D Bezuglyi, V. N. Dmitrieva, T. A Batovskaia Zhur anal khim 17 no. 1:109-112 Ja-F '62
Potential distribution at the surface of a strongly ionized polymer macromolecule in an electrolyte solution V G. Levich, IU. I. IAlamov Dokl AN SSSR 142 no 2 399-402 Ja '62
Process of formation of mechanical properties of polymer coatings and their internal stresses A T Sanzharovskii G I Epikhanov Dokl AN SSSR 142 no 2 403-406 Ja '62.
Production of polymer materials from shales. V. V. Sredin. Khim i tekh. gor slan i prod ikh perer no 6: 51-74 '60.
Quantitative analysis of chromium (III) in the solutions and films of high polymers. N. N. Pavlov, A. R. Kuznetsov, G. A Arbuzov. Nauch. trudy MTILP no. 18 11-47 '60
Quick-hardening polymers M Shavlovich. Tekh v sel'khoz 22 no. 1 82-85 Ja '62.
Recording dynamometer for studying relaxation processes in polymer materials A. M Snisarenko, Z N Tarasova Kauch. i rez 21 no. 2:37-39 F '62.
Relationship between the adhesion of polymers to a solid surface and their adsorption from solutions IU S Lipatov and others Dokl AN BSSR 6 no 1 42-44 Ja '62
Solving some problems of the flow of fused polymers in screw presses. M. M. Balashov, A. N. Levin. Khim. mash. no 6:29-33 N-D '61
Some rheological properties of a polymer-cement suspension. IU. S. Cherkinskii, V. M. Kalashnikova. Sbor trud VNIINSM no. 1:41-44 '61
Structure formation of hydrophilic polymers with mineral compounds. N. N. Pavlov. Izv vys. ucheb. zav. ,tekh leg. prom. no. 1:34-39 '62.
Structure-forming capacity of polymers in dependence on the pH of the medium G L Maslenkova. Plast massy no 2:45-46 '62
Swelling of compatible polymers in low molecular weight solvents. V I. Alekseenko. Plast. massy no. 2:5-10 '62
Thought, experiment, plan, and factory. E. TSerkover. Nauka i zhizn' 28 no. 12:74-76 D '61
Type analysis of polymer shale oils IU. N. Polovoi Khim i tekh gor slan. i prod ikh perer. no. 8, 231-236 '60
Use of polymeric materials in partition chromatography with inverted phases [with summary in English] M A Irmalov, IU. V. Shostenko, V. D. Chmil'. Dop AN URSR no. 2:201-205 '62
Use of polymers in electrical insulation. K. I. Zabyrina, M. B. Fromberg Vest. elektroprom. 33 no 2:50-55 F '62
Use of polymers in hydraulic engineering machinery. N. A. Vasil'ev. Gidr. stroi. 32 no 12:29-32 D '61

POLYMERS—CONGRESSES
Conference on aging and stabilization of polymers. A. S. Kuz'minskii, S. I. Bass. Kauch i rez 21 no. 2: 50-52 F '62

POLYMERS—EXHIBITIONS
Exhibition of Achievements of the National Economy of the U. S. S. R. Polyorganosiloxane fluids G. Tatevosian. Plast. massy no. 2:77-80 '62.

POLYMERS—SPECTRA
Study of polymers by infrared spectroscopy (survey). V. N. Nikitin, B. Z. Volchek. Zav lab. 28 no 1 49-55 '62
Universal fluorescence spectra of polymers. V F. Gnechkovskii. Dokl. AN SSSR 143 no. 1, 150-152 Mr '62.

POLYMERS, HIGH see Macromolecular compounds

POLYMORPHISM
Polymorphism of trinitrobenzene. G. B. Ravich, O. F. Bogush. Dokl. AN SSSR 142 no. 4 831-834 F '62.

POLYNOMIALS
Approximation by Laguerre polynomials in a complex region V. V. Ryndina Izv. AN SSSR. Ser. mat 26 no. 1, 143-160 Ja-F '62
Strengthening Lozinskii - Kharshiladze's theorem on polynomial approximations. N. A. Sapogov Dokl. AN SSSR 143 no. 1:53-55 Mr '62.

POLYPLOIDY
New data on the ecology of orchard grass; historical approach to biology as related to the problem of polyploidy [with summary in English]. IU. S. Grigor'ev. Bot. zhur. 47 no. 1:3-18 Ja '62

POLYPORACEAE see subdivision under Krasnodar Territory

POLYSACCHARIDES
Histochemical investigation of the polysaccharide content of the skin during the healing of acute radiation necrosis. L. A. Afrikanova. Dokl. AN SSSR 140 no. 5:1181-1184 O '61.
Histochemical reaction for polysaccharides in studying disorders of spermatogenesis. I. A. Chalisov, T. N. Khavkin. Dokl. AN SSSR 143 no. 1:214-217 Mr '62.
Histochemistry of the mucopolysaccharides and proteins of the connective tissue after experimental inhalations of tobacco smoke [with summary in English] N G. Lupu, C Velican. Arkh. pat. no 2:19-27 '62

PONS VAROLII
Cerebellar connections of the mesencephalic nucleus of the trigeminal nerve [with summary in English]. TSang IU-Chuan (TS'ang Yu-Ch'uang). Arkh. anat. gist i embr. 41 no. 7 38-47 Jl '61.

PONS VAROLII—SURGERY
New operative approach to the cerebellopontile angle. A G. Tishin Med zhur Uzb no 11:3-5 N '61

POPEL'NASTOYE REGION—ORE DEPOSITS
Ores in the Popel'nastoye iron ore deposit. IA. M. Grits'kov, N I Polovko Geol zhur 22 no 1, 66-75 '62.

POPLAR
Experience in growing Lombardy poplar and cottonwood from seeds N A Konovalov. Trudy Inst. biol UFAN SSSR no 23:33-42 '61.
Propagation of Lombardy poplar (Populus Bolleana Lauche) by grafting. P. F. IAkovlev. Biul Glav bot. sada no. 43, 87 '61.

POPLAR BREEDING see subdivision under Sverdlovsk

POPOV, ALEKSANDR SERAFIMOVICH, 1863-1949
[A. S. Serafimovich in the memoirs of his contemporaries] A. S. Serafimovich v vospominaniiakh sovremennikov. Moskva, Sovetskii pisatel', 1961 377 p.

POPOV, ALEKSEI DMITRIEVICH, 1892-1961
A. D. Popov and motion pictures. N. Zorkaia. Isk. kino no 2:118-121 F '62
Final pages of a great life. Sergei Kolosov. Isk. kino no 2:122-133 F '62

POPOV, MIKHAIL IVANOVICH, 1742-1790 (ca.)
M. I. Popov's "Aniuta's message to Victor" and "Aniuta." N. G. Tikhomirov. Vest. Mosk. un. Ser. 7: Filol., zhur. 17 no. 1:40-54 Ja-F '62.

POPOV, PAVLO MYKOLAIOVYCH, 1900-
Bilets'kyi, O. I., H. S. Sukhobrus, and F. IA. Sholom. Pavlo Mykolaiovych Popov. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 31 p. (Vcheni Ukrains'koi RSR)

POPULAR CULTURE
Bagiamov, E. A. [Without ideals (in capitalist countries)] Bez idealov. Moskva, Gos. izd-vo polit. lit-ry, 1961. 69 p.

PORK—STANDARDS
Standards for pork A A Dergunova and others. Standartizatsiia 26 no. 2 43-44 F '62.

POROUS MATERIALS
Corrosion testing of porous specimens in melts by the gas permeability method. G. K. Stepanov, G. G Arkhipov, A. M. Trunov. Trudy Inst. elektrokhim. UFAN SSSR no. 1:73-77 '60
Problem of the electrolytic dissolution of gases at the porous gas electrodes. Method and apparatus. G. K. Stepanov. Trudy Inst. elektrokhim. UFAN SSSR no 1: 66-71 '60.

PORPHYRIN AND PORPHYRIN COMPOUNDS
Studying the synthesis of Mg-porphyrins and Fe-porphyrins in isolated roots. B. A. Rubin, F. F. Gavrilenko, N. V. Guzhova. Dokl. AN SSSR 110 no. 5:1201-1204 O '61.

PORPHYRIN AND PORPHYRIN COMPOUNDS—SPECTRA
Luminescence spectra of porphyrins A. N. Sevchenko. Izv. AN SSSR. Ser. fiz 26 no. 1:53-60 Ja '62.

PORPHYRY
(see also subdivision under Kazakhstan)
Some characteristics of the greisenization of granite-porphyries. K. A Mukhitia. Sbor nauch trud KazGMI no. 18 144-150 '59.

PORT ARTHUR—SIEGE, 1904-1905
Port Arthur meeting. 'N. Eromin. Starsh.-serzh. no. 6: 15 S '61.

PORTAL VEIN
Bioelectrical activity of single neurons of the hypothalamus in short-term shifts of osmotic pressure in the reservoir of the internal carotid artery and the portal vein of the liver. B. F. Tolkunov. Fiziol. zhur. 48 no. 1: 39-46 Ja '62.

PORTLAND CEMENT
Expediency of air separation in the grinding of portland cement to improve its mineralogical content. U. A. Atapov. Trudy Kazakh. fil. AS1A no. 2:207-209 '60
Measurement of cation transfer numbers in the liquid phase of a portland cement clinker. P. P. Budnikov, I. I. Kholin, Z. B. Entin. Dokl. AN SSSR 142 no. 6, 1342-1345 F '62.

PORTRAIT PAINTING
Man, character, image. Vladislav Zimenko. Iskusstvo 25 no. 1:5-12 '62.

POSTAGE STAMPS
Best Soviet postage stamps of 1960 Sov. knizh. torg 15 no 1 48 Ja '62.
For the 1961 stamp catalog Sov knizh torg 15 no 2 48 F '62

POSTAGE STAMPS—TOPICS—ARTIFICIAL SATELLITES
"Space" philately IA. Gurevich Sov. knizh. torg 15 no 2 47 F '62

POSTAL SERVICE
(see also subdivision under Lithuania)
Establishment of supporting stations on rural letter carrier's delivery routes Vest sviazi 22 no 2 23 F '62
An important aspect in rendering good service to the public S. G. Volkov, L IA IAkovlev Vest sviazi 22 no 2 26-31 F '62
Improved accounting methods for the quantity of handled mail L P Dedlukova Vest sviazi 22 no 2 26-27 F '62
Results of a competition on the best suggestions on the mechanization of postal communications Vest sviazi 22 no 3,15 Mr '62

POSTAL SERVICE—EMPLOYEES see subdivision under Kuybyshevsk; Rostov-on-Don

POSTAVY—ARCHITECTURE
Construction by Tyzengaus in Postavy E D Kvitnitskaia. Arkhit nas 13 3-22 '61

POSTERS
Soviet movie posters from the 1930's to the 1950's. N. L Onopko-Baburina. Trudy Gos. bibl. SSR 5:149-229 '61.

POSTIGLIONE, GIUSEPPE
Giuseppe Postiglione. IU. Vereskov. Sov. muz. 26 no. 2,110 F '62.

POTANIN, GRIGORII NIKOLAEVICH, 1835-1920
G. N. Potanin in Nikol'sk exile. S. A. Toporkov. Voiog. krai no 1,153-169 '59.

POTASH INDUSTRY—EQUIPMENT AND SUPPLIES see subdivision under Berezniki region (Perm Province)

POTASSIUM
Comparative study of methods for extracting potassium from plants for its determination by flame. B. N. Vishnevskaia Izv. AN Kazakh. SSR. Ser. bot. i pochv. no. 2 98-102 '61

POTASSIUM—PHYSIOLOGICAL EFFECT
Sensitivity of the receptors of the small intestine to potassium ions. L. A. Baraz. Dokl. AN SSSR 140 no. 5:1213-1216 O '61.

POTASSIUM ACETATE
Salts of organic acids Part 4: Trinary system of sodium, potassium, and cadmium acetates. I. I. Il'iasov. Zhur ob. khim 32 no. 2,347-349 F '62.

POTASSIUM BOROHYDRIDE
Fusibility diagram of the system potassium hydroxide - potassium borohydride. V. I. Mikheeva, M. S. Selivokhina, O. N. Krukova Dokl. AN SSSR 142 no. 5: 1086-1087 F '62.

POTASSIUM CHLORIDE
Interaction of neodymium chloride with molten sodium and potassium chlorides. Z. N Shevtsova, L. A. Kottser, B. G Korshunov. Izv vys. ucheb zav., tsvet. met. 5 no. 1 121-126 '62

POTASSIUM FLUORHENATE—SPECTRA
X-ray study of potassium and rubidium octafluorhenates. E. G. Ippolitov, P. A. Koz'min. Dokl. AN SSSR 142 no. 5:1081-1083 F '62;

POTASSIUM FLUORIDE
[illegible] fluoroacetate with potassium M. A. Raksha. Zhur. ob. D '61.

[illegible] ate in the absorbing solu- nits after the removal of gas. M. E. Neimark. 32.

[illegible] em potassium hydroxide - I. Mikheeva, M. S. Selivo- . AN SSSR 142 no. 5:

[illegible] ision under White Russia

[illegible] sion under Transcarpathia

United States)
[illegible] ting machine. V. N. Doro- 32 no. 1:32-34 Ja '62.
[illegible] ign of drum-screw separa- V. I. Khalabuzar', Trakt. -28 Ja '62.
Zemledelie 24 no. 1:91

Results of the inspection and testing of potato diggers and grading stations by a government agency in 1961. G. D Petrov, M I Kletskin Trakt. i sel'khozmash. 32 no. 2:17-22 F '62.

POTATO DIGGER (MACHINE)—TESTING
Power and efficiency indices of the KGP-2 potato digger combine. I. M. Zel'tserman, A. M. Kontorer. Trakt i selkhozmash 32 no. 3,25-27 Mr '62

POTATOES
(see also subdivision under Ukraine)
Effect of grafting on speeding up the ripening of hybrid potato seedlings. M S. Garshina Trudy BSHKA 34: 102-103 '61.
Local introduction of fertilizers during potato planting. IU. Zinov'ev. Tekh. v sel'khoz 22 no 2:16-20 F '62
Pisarev, B. A. [New developments in potato growing] Novinki v kartofelevodstve. [Moskva] Mosk. rabochii, 1961. 131 p. (DA)
"Potato grading machinery" by A. I. Kalamin Reviewed by N. F. Moiseev. Trakt i sel'khozmash 32 no 2:48 F '62.
Results of the inspection and testing of potato diggers and grading stations by a government agency in 1961. G. D Petrov, M. I. Kletskin. Trakt. i sel'khozmash 32 no. 2:17-22 F '62.

POTATOES—DISEASES AND PESTS
(see also subdivision under Apsheron Peninsula; Azerbaijan)
Applying the luminescence method for studying the structure of mycelium of Phytophthora infestants de Bary in tissues of the infested plant L. I. Pshedetskaia, N. P. Cherepanova. Bot. zhur. 46 no. 11:1655-1662 N '61.

POTATOES—FERTILIZERS AND MANURES see subdivision under Uzbekistan

POTATOES—FROST RESISTANCE
Determining frost resistance in seedlings and varieties of potatoes M. N. Goncharik Agrobiologiia no. 6, 917-918 N-D '61.

POTATOES—STORAGE
Dynamics of some biochemical processes in potato tubers during storage. L. G. Ganiushkina. Uch zap Kar. ped. inst. 7:34-40 '58.

POTATOES—TRANSPORTATION see subdivision under United States

POTENTIAL, THEORY OF
Domokos, G. [Asymptotic behavior of the vertex part in the pseudoscalar meson theory] Ob asimptoticheskom povedenii vershinnoi chasti v psevdoskaliarnoi mezonnoi teorii. Dubna, Ob"edinennyi in-t iadernykh issledovanii, 1962. 6 p. [With summary in English]
First order integral equations and approximate solution to the inverse problem of a potential. V. K. Ivanov. Dokl. AN SSSR 142 no. 5:998-1000 F '62.
Green's functions of elliptic operators of any power (including integral powers). P. E. Sobolevskii. Dokl. AN SSSR 142 no 4:804-807 F '62.
Shielding of the Coulomb potential in nondegenerated semiconductors. V. B. Glasko, A. G. Mironov. Fiz. tver. tela 4 no. 2,336-342 F '62.
Sign of Green's function of a linear difference boundary value problem of the second order. A. L. Tetkin. Dokl. AN SSSR 142 no. 5:1036-1039 F '62.
Use of delayed and advanced Green functions in the theory of ferromagnetism. E. N. IAkovlev Fiz. tver. tela 4 no. 1:178-184 Ja '62.

POTENTIOMETER
Automatic control of the opening of thermocouples in the EPP-09 potentiometer. V. S. Butychev Izm. tekh. no 2:28-29 F '62.

POTENTIOMETRIC ANALYSIS
Potentiometric method of analyzing mixtures of organic and nitric acids in nonaqueous media. A. P. Kreshkov, and others. Zav. lab. 28 no. 1:11-13 '62.

POTTERY
(see also subdivision under Kunya-Urgench)
Studying the methods of old Russian potters. A. A. Bobrinskii. Vest. Mosk. un. Ser. 9: Ist. 17 no. 2: 39-54 Mr-Ap '62.

POTTERY, MOHAMMEDAN
(see also subdivision under Merv)
Artistic pottery from the site of the ancient town of Tunket, IU. Burlakov. Nauch. rab. i soob. Otd. obshchestv. nauk AN Uz. SSR 2:269-279 '61.
History of the study of medieval glazed pottery of Afrasiab. Sh. Tashkhodzhaev. Nauch. rab. i soob. Otd. obshchestv. nauk AN Uz. SSR 2:260-268 '61.

POTTERY, PRIMITIVE see subdivision under Chirchik Valley; Dniester Valley; Nogay-Kurgan; Oleskno District; Tashkent; Termez; Zdolbunov District

POULTRY
(see also subdivision under Uvarovichi District; White Russia)
Effectiveness of advanced methods in poultry breeding. K. Panskikh, I. Apal'kov Ekon. sel'khoz. 32 no 12: 52-56 D '61.
Stamping slaughtered poultry V. Galdamashko. Miias. ind SSSR 32 no 6:33-34 '61

POULTRY—DISEASES AND PESTS
Acute catarrhal (infectious) conjunctivitis in chicks. V. A. Kovylina. Veterinariia 39 no 1:48-48 Ja '62
Control of ectoparasites of birds in poultry houses. D. K. Nechinannyi, M. V. Kartashev. Veterinariia 39 no. 1:64-66 Ja '62.

POULTRY—FEEDING AND FEEDS
Effect of the preparation "biovit" on the growth of chickens depending on the ration and amount of vitamin B_{12} and biomycin in the preparation [in Latvian]. R An druśaite. Izv. AN Latv. SSR no. 11 129-136 '61

POULTRY—STORAGE
Protein changes during storage in the white chicken meat hydrated by sublimation drying P. I Pugatchev, V A Shabanova. Izv vys ucheb. zav., pishch. tekh no 6 85-87 '61.

POULTRY BREEDING—BIBLIOGRAPHY see Bibliography—Poultry breeding

POULTRY HOUSES AND EQUIPMENT
(see also subdivision under Ukraine)
Over-all mechanization of poultry houses. A. Ul'ianov, V. Koba, L. Shvetsarov. Tekh. v sel'khoz. 23 no. 2: 24-27 F '62.

POULTRY PLANTS
Poultry plants must remain independent enterprises S Levitin. Miias. ind. SSSR 32 no. 6,43-44 '61.

POULTRY PLANTS—EQUIPMENT AND SUPPLIES
Automatic equipment for loading and unloading slaughtered poultry P. Serychev, R Chulkov. Miias. ind. SSSR 32 no. 6 47-49 '61.
Technical progress in the enterprises of the poultry processing industry of the R. S. F. S. R. P. Popov. Miias ind SSSR 32 no. 6,20-22 '61.

POULTRY PLANTS—LABOR PRODUCTIVITY
Brigade system for line slaughtering and processing of poultry. G. Shul'man. Miias. ind. SSSR 32 no. 6:30-30 '61.

POWER ENGINEERING see subdivision under Tatar A.S.S.R.

POWER PLANTS, ATOMIC see Atomic power plants

POWDER METALLURGY
Effect of technological factors in the preparation of hard alloys on changes in the X-ray pattern of tungsten carbide. A. E. Koval'skii, L. Kh. Pivovarov, K F. Kuznetsova. Sbor. trud VNIITS no. 2,105-108 '60
Effect of the composition of cementation phases on certain mechanical properties of WC - Co and WC - Ni ceramic metal hard alloys. I. N. Chaporova, E. A. Shchetilina, S. I. Serebrova. Sbor. trud. VNIITS no. 2 99-104 '60.
Grain size of the cobalt phase in hard alloys. A. E. Koval'skii, L. Kh. Pivovarov. Sbor. trud. VNIITS no. 2:172 175 '60.
Methods of determining powder dispersivity in the production of hard alloys. K. B. Doriagin and others. Sbor. trud. VNIITS no. 2:158-171 '60.
Possibility of using electromagnetic powder devices in the transmission systems of crawler tread machinery. M. M. Zapriagaev. Trakt. i sel'khozmash. 32 no 1: 14-18 Ja '62.
Replacement of cobalt by nickel in hard alloys of titanium carbide-tungsten-cobalt carbide. V. D. Blatov and others. Sbor. trud. VNIITS no. 2:37-45 '60.
Use of powdered metal materials in electrical engineering. A. B. Al'tman. Vest. elektroprom. 33 no. 2: 79-80 F '62.

POWDERS (PHARMACY)
Significance of external and internal friction during the compression of medicinal powders. S. A. Nosovitskaia, E. E. Norzunov. Med. prom. 15 no. 12:29-35 D '61.

POWER (MECHANICS)
Shumskii, E. G., and B. A. Bogdasarov. [General heat engineering] Obshchaia teplotekhnika. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 459 p.

POWER ENGINEERING—ACCOUNTING
Consideration of equipment life in economic and efficiency calculations in power engineering. A. V. Voronin. Elektrichestvo no. 3:84-86 Mr '62.

POWER ENGINEERING—BIBLIOGRAPHY see Bibliography—Power engineering

POWER PRESSES
Answering N. P. Veselov, D. M. Abakshin. Kuz.-shtam. proizv. 4 no. 2:44 F '62.

POWER PRESSES (Continued)

Concerning D. M. Abakshin's article. N. P. Veselov. Kuz.-shtam. proizv. 4 no 2:44 F '62

Reshetnikov, S. M., and V. I. Khaburov. [Power presses for the manufacture of particle boards] Pressy dlia struzhechnykh plit. Moskva, Goslesbumizdat, 1961, 76 p.

Solving some problems of the flow of fused polymers in screw presses. M. M. Balashov, A. N. Levin. Khim. mash. no. 6 29-33 N-D '61.

UVP-10 universal vibratory press. O. E. Nadzharov. Khim. mash. no. 6 41-42 N-D '61.

POWER PRESSES—STANDARDS

Regulation of new parameters in standards for crank presses. A. N. Banketov Standartizatsiia 26 no. 2 16-20 F '62.

POWER RESOURCES
(see also subdivision under Armenia)

Astral fuel for humanity. H. M. Shchoholev. Nauka i zhyttia 11 no. 12 5-7 D '61.

Economic effectiveness of the use of secondary power resources. S. I. Khazanov. Prom energ 17 no 3:5-11 Mr '62.

Horizons of science. M. Semenov. Nauka i zhyttia 11 no. 1:10-13 Ja '62.

Methodological problems in compiling the fuel power balance of the U. S. S. R. D. Maslakov. Plan. khoz. 39 no. 3:20-41 Mr '62.

Mud volcanoes power. M. Subbota. Tekh. mol. 30 no. 1:5-6 '62.

Sources of energy. Nauka i zhyttia 11 no. 12:19 D '61.

PRASEODYMIUM—DECAY

The K/β^+ ratio for Pr^{140}. E. I. Biriukov, N. S. Shimanskaia. Izv. AN SSSR. Ser fiz. 26 no. 2:215-216 F '62.

PRAYER BOOKS

Machinators from the Scientific and Technical Library. M. Mironov Sov. iust no. 2:26-27 Ja '62.

PRAYING MANTIS see subdivision under Karategin Range

PRECAST CONCRETE

Chudnovskii, D. M., and others. [Economics and planning of the manufacture of precast concrete] Ekonomika i planirovanie proizvodstva sbornogo zhelezobetona. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 436 p.

Mold for manufacturing window sills and crosspieces. Stroi. i arkhit 9 no. 12:20 D '61

Prestressed troughs precast in blocks. IA. A. Izmailov, R. G. Gorskii. Gidr. stroi. 32 no. 12:25-27 D '61.

Reinforced concrete braces and poles for electrification of the villages of the Ukraine. Sil'. bud. 11 no. 12.4 D '61.

Shur, A. I., and Sh. D. Kushnir. [Technology of precast concrete and precast reinforced-concrete articles] Tekhnologiia sbornykh zhelezobetonnykh i betonnykh izdelii. Moskva, Gos. energ. izd-vo 1961. 215 p.

Vainshtok, I. S. [Electronics in the manufacture of precast concrete] Radioelektronika v proizvodstve sbornogo zhelezobetona. Pod red. P. K. Baht'ova. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 155 p.

PRECAST CONCRETE—TESTING

Method of testing bent reinforced concrete elements by repeated increasing impact. T. Zh. Zhunusov, A. V Mamyrin. Trudy Kazakh. fil. ASIA no. 2:76-83 '60.

PRECAST CONCRETE CONSTRUCTION
(see also subdivision under Dnepropetrovsk Province)

Akademiia stroitel'stva i arkhitektury SSSR. Institut stroitel'noi fiziki i ograzhdaiuzhchikh konstruktsii. [Instructions for designing, manufacturing, and using wall panels in the construction of apartment houses and public buildings] Ukazaniia po konstruirovaniiu, izgotovleniiu i primeneniiu stenovykh panelei v stroitel'stve zhilykh i obshchestvennykh zdanii. Moskva, Gos. izd-vo lit-ry po stroit. arkhit. i stroit. materialam, 1961. 149 p.

Bukhman, A. S. [Manufacture of precast reinforced-concrete supports for mine workings] Proizvodstvo sbornoi zhelezobetonnoi krepi gornykh vyrabotok. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1962. 170 p.

Cable-suspended and frame-suspended large-panel apartment houses. V. V. Nasadkin. Izv. vys. ucheb. zav. ; stroi. i arkhit. 4 no. 6:162-167 '61.

Complete mechanization of the construction of tray canals. I. Samoilov, V. Zabelin, A. Gol'din. Tekh. v sel'khoz. 22 no. 1:29-33 Ja '62.

Conference of institutions of higher education on precast concrete construction. I. Khazan. Avt. dor. 25 no. 2:31-32 F '62.

[Construction of apartment houses from large slabs] Stroitel'stvo zhilykh zdanii iz krupnykh panelei; iz opyta Glavkievstroia. [By] A. M. Bolchenko i dr. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 126 p. (Opyt zhilishchnogo stroitel'stva)

Goleskul, M. N., and E. S. Kiselev. [Design and construction of reinforced-concrete frame supports for mines] Konstruirovanie i raschet zhelezobetonnykh ramnykh krepei gornykh vyrabotok. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 246 p.

Gurevich, V. B. [Building hydraulic structures of precast reinforced concrete; calculations, analysis and execution of the operations] Stroitel'stvo gidrotekhnicheskikh sooruzhenii iz sbornogo zhelezobetona, raschet, issledovaniia i proizvodstvo rabot. Moskva, Izd-vo "Rechnoi transport," 1961. 206 p.

Laputsko, S. IA. [Brigade assembles a house] Brigada sobiraet dom. [Moskva] Mosk. rabochii, 1961. 49 p. (Stroiteli obmenivaiutsia opytom)

The tectonics of large-panel apartment houses. A. Tits Stroi i arkhit. 9 no. 12 10-12 D '61

Use of reed-reinforced concrete in housing construction. P. Krutov. Sel'. stroi. 16 no. 12:20-21 D '61.

Using precast reinforced-concrete supports in the "Grushevskii" Mine of the Nikopol' Manganese Trust I. S. Zil'berov, I. S. Zitser, I. I. Ostroukhov. Gor. zhur no. 10:48-50 O '61

We introduce advanced methods of construction. P. Il'in. Sil'. bud. 11 no 12:15-16 D '61

PRECIPITATION (METEOROLOGY)
(see also subdivision under Black Sea region; Kazakhstan; Ukraine)

Atmospheric salinization of ground waters in the areas north of Soviet deserts as revealed by the Turgay Depression. IA. E. Arsh. Vop gidrogeol. i inzh. geol. no. 19:33-40 '61.

El'brusskaia vysokogornaia ekspeditsiia. [Transactions of the Elbrus High-Mountain Expedition] Trudy. Moskva, Izd-vo Akad. nauk SSSR.
Vol. 2(5) [Physics of clouds and precipitation] Fizika oblakov i osadkov. 1961. 204 p.

PRECIPITATION (METEOROLOGY)—MEASUREMENT

Reduction of the precipitation layer over the area around a mobile rain center. A. G. Levin, V. D. Miachikov. Shor. rab. po gidrol. no. 1:48-55 '59.

Some problems in radar measurement of precipitation. V. M. Muchnik. Trudy UkrNIGMI no. 26 34-46 '61.

PRECISION CASTING
(see also subdivision under Armenia)

Metal and plastic die for precision casting. I. E. Shub, IU. P. Kondrat'ev. Lit. proizv. no. 2:35-37 F '62.

Precision investment molding. N. R. Roshan, V. A. Romanov Standartizatsiia 26 no 2 30-32 F '62.

Shklennik, IA. I., and V. A. Ozerov, eds. [Precision casting] Lit'e po vypluvliaemym modeliam. [Leningrad, 1961] 455 p. (Inzhenernye monografii po liteinomu proizvodstvu)

PRECISION CASTING—EQUIPMENT AND SUPPLIES

Automatic machine for preparing the PS pasty molding mixture. A. S. Trushin, I. V. Efimov. Avt. prom. 28 no. 1:29-32 Ja '62.

Mold mixture for precision casting A. A. Lesiuts. Mashinostroenie no. 1:97 Ja-F '62.

PREDGORNYY DISTRICT—FARM PRODUCE

Practice of purchasing agricultural products in the Predgornyy District, Stavropol Territory. V. Sobolev. Muk.-elev. prom. 27 no. 8:4-6 S '61

PREFABRICATED BUILDINGS see Buildings, Prefabricated

PREGNADIENE

Treatment of children during the active phase of rheumatism with dexamethasone (Preliminary report). A. V. Dolgopolova, N. N. Kuz'mina. Pediatriia 41 no. 3:39-44 '62.

PREGNADIENEDIONE

Influence of prednisolone on the phagocytic activity of leukocytes in the blood [with summary in English]. N. P. Beklemisheva. Zhur. mikrobiol., epid. i immun. 32 no. 9:102-105 S '61.

PREGNADIENEDIONE—TOXICOLOGY

Side effects following prednisolone therapy [with summary in English]. G. P. Shul'tsev. Terap. arkh. no. 12, 90-96 '61.

PREGNANCY

Nutritional hygiene during pregnancy, and requirements of the embryo or fetus. V. A. Leonov. Zdrav. Bel. 7 no. 6:53-56 Je '61.

Prevention of staphylococcal diseases in mothers and newborn infants by means of immunization with a purified sorbed staphylococcal anatoxin [with summary in English]. A. M. Chel'nyi, V. S. Titova, S. A. Zlatkina. Zhur. mikrobiol., epid. i immun. 32 no. 9:27-30 S '61.

PREGNANCY—SIGNS AND DIAGNOSIS

Clinical value of the iodine reaction for the diagnosis of early pregnancy. L. A. Kozlov. Kaz. med. zhur. no. 6:36 N-D '61.

PREGNANCY, COMPLICATIONS OF

Appendicitis in a pregnant woman with situs inversus of the intestines. I. A. Pokid'ko. Nov. khir. arkh. no. 4: 106 Jl-Ag '60.

Characteristics of jaundice in pregnant women [with summary in English]. N. A. Farber. Sov med. 25 no. 12:48-55 D '61.

Course and outcome of pregnancy in appendicitis. D. D. Braun. Fel'd. i akush. 26 no. 11:19-21 N '61.

Premature childbirth. A. Z. Kocherginskii. Zdravookhranenie 4 no. 6:12-17 N-D '61.

PREGNANCY, EXTRAUTERINE

Cervical pregnancy. V. K. Zubovich, P. I. Goga. Zdrav. Bel. 7 no 6:57-58 Je '61

Three cases of bilateral tubal pregnancy. L. A. Zmitrovich. Kaz. med. zhur. no. 4 79-80 Jl-Ag '61.

PREGNENE

Microbiological transformations of steroids Report No. 1. Preparation of Δ^4-pregnene-17α, 20β, 21-triol-3-one by means of actinomycetes. L. M. Kogan and others. Izv AN SSSR Otd. khim. nauk no. 2 302-303 F '62.

PREHISTORIC MAN see Man, Prehistoric

PREHISTORY see Bronze age

PRENATAL CARE

Embryological basis for the necessity of protecting the early period of intrauterine life in man. P. G. Svetlov. Vest. AMN SSSR 16 no. 11, 64-67 '61.

PRESCHOOL EDUCATION see Education, Preschool

PRESCRIPTION WRITING see subdivision under Tashkent Province

PRESS
(see also subdivision under Kazakhstan, Latvia; United States)

Kommunisticheskaia partiia Sovetskogo Soiuza. Vysshaia partiinaia shkola. Kafedra zhurnalistiki. [Bolshevik press; collection of materials] Bol'shevistskaia pechat; sbornik materialov. Moskva, Izd-vo VPSh i AON pri TsK KPSS.
No. 3. [1907 - February 1917] 1907 g. -fevral' 1917 g. 1961. 619 p.

"The party press in the struggle for communist ideology in literature and art, 1946-1960" by I. M Kozachuk. Reviewed by P. M Fedchenko. Rad. lit. 6 no 2:121-123 Mr-Ap '62.

PRESS PHOTOGRAPHERS see News photographers

PRESSING OF GARMENTS
(see also subdivision under Erivan)

Semiconductor as heater. A Eterman. Mest. prom. i khud. promys. 3 no. 1:28-29 Ja '62.

PRESSURE

Analysis of formulas for the determination of specific metal pressure on rolls. A. P. Chekmarev, V. A. Tokarev. Trudy Inst. chern. met. AN URSR 15:16-45 '61.

Applying graphs of the type $P_{mean} = \phi(\frac{1d}{h_{mean}})$ for processing experimental data on the determination of the mean specific pressure in rolling. N. P. Spiridonov. Trudy Inst. chern. met. AN URSR 15:62-67 '61.

Determination of mean specific pressure in hot rolling with smooth rolls. N. P. Spiridonov. Trudy Inst. chern met. AN URSR 15:46-61 '61.

Effect of the pull on metal pressure on rolls in strip rolling. A. P. Chekmarev, V. P. Grechko. Trudy Inst. chern. met. AN URSR 15:137-143 '61

PRESTRESSED CONCRETE

Fel'dman, M. B. [Stand method of manufacturing prestressed reinforced-concrete structural units for bridges] Stendovoe izgotovlenie zhelezobetonnykh predvaritel'no napriazhennykh mostovykh konstruktsii. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961. 62 p. (Obmen tekhnicheskim opytom dorozhnykh khoziaistv)

Problems in the technology of producing prestressed concrete supports for overhead communication lines. G. S. Rodov, V. A. Semenov. Trudy Zap.-Sib. fil. ASIA no. 3:91-110 '60.

PRESTRESSED CONCRETE—CONGRESSES

Session on prestressed reinforced concretes. A. Liberman Stroi. i arkhit. 9 no. 12, 39 D '61.

PRIBRAM REGION—MONTROSEITE

Montroseite from hydrothermal veins of the Pribram deposit. B. V. Brodin, IU. M. Dymkov. Zap. Vses. min. ob-va 90 no. 6:653-659 '61.

PRICES
(see also subdivision under United States)

Prices in Soviet trade. A. F. Vdovin. Koop. Kazakh. 4 no. 1:44-51 Ja '61.

Sadekov, M. M., and V. M. IAkovlev. [Statistics of retail prices in state and cooperative trade] Statistika roznichnykh tsen gosudarstvennoi i kooperativnoi torgovli. Moskva, Gosstatizdat TsSU SSSR, 1961, 93 p.

PRIMATES

"The antecedents of man" [in English] by W. E. Le Gros Clark. Reviewed by T. D. Gladkova. Vop. antr. no. 7: 155-158 '61.

PRIMATES, FOSSIL

Basic line of evolution of the higher primates in the Neocene. M. A. Gremiatskii. Vop. antr. no. 7, 3-8 '61.

PRIME NUMBERS see Numbers, Prime

PRIMERS, TATAR

This primer is 160 years old. Kh. Zitaev. Obshchestv. nauki v Uz. no. 3; 70-71 '61.

PRIMITIVE RELIGION see also subdivision 'Religion, Primitive' under Burma, Thailand

PRINTING

Using beta rays to control the thickness of films. Iu. M. Onchinnikov. Sbor. nauch. rab. VNIIPP. no. 11-71-100 '60.

PRINTING INDUSTRY

Mechanization in the printing industry. L. M. Kheifets. Nauch. trudy MPI. no. 12-101-121 '60.

Some problems of technological development in printing. M. I. Aleksandrova, N. F. Chvanov. Nauch. trudy MPI. no. 12; 3-19 '60.

PRINTING INDUSTRY—PRODUCTION STANDARDS

Anan'in, I. M., I. F. Korovkin, and A. M. Levin. [Setting technical standards in the printing industry] Tekhnicheskoe normirovanie truda v poligraficheskoi promyshlennosti. Pod red. A. M. Levina. Moskva, Gos. izd-vo "Iskusstvo," 1961. 291 p.

PRINTING INK

Emulsifying offset inks with water. B. N. Shakhel'dian, R. I. Malogolovkina. Nauch. trudy MPI. no. 12, 79-87 '60.

The relative viscosity of ink is a characteristic of the stabilizing capacity of binding substances. B. N. Shakhel'dian. Nauch. trudy MPI. no. 12, 67-78 '60.

Studies of black phototype inks. N. S. Mufianovskaia, L. K. Mal'tsinova, R. I. Konzaeva. Sbor. nauch. rab. VNIIPP. no. 11-109-131 '60.

PRINTING MACHINERY AND SUPPLIES

Berezin, B. I. [Synthetic polymers in printing] Sinteticheskie polimery v poligrafii. Moskva, Gos. izd-vo "Iskusstvo," 1961. 174 p.

Comparative analysis, design and selection of a type of paper-feeding device for web presses. A. A. Tiurin. Nauch. trudy MPI. no. 12-133-161 '60.

PRINTING PLATES

Study of admixtures of iron and nitrous acid in nickel galvanizing baths. I. R. Kliachko, I. S. Shchipkova, V. V. Pavlova. Nauch. trudy MPI. no. 12-49-55 '60.

Study of the possibilities of obtaining smooth rubber coatings for printing plates by electrophoresis of types of rubber latex. D. Iu. Klimov. Nauch. trudy MPI. no. 12-37-47 '60.

PRINTING PRESS

Metric design of the printing equipment on two-cylinder, two-revolution flatbed printing presses. A. A. Tiurin. Nauch. trudy MPI. no. 12; 123-133 '60.

PRINTING PRESS—VIBRATION

Approximation method of calculating quasi-harmonic vibrations and its use in analyzing the drive of the bed of DP series presses. M. I. Voskresenskii. Nauch. trudy MPI. no. 12-163-180 '60.

PRIPET VALLEY—ALGAE, FOSSIL

Kulikia, a new species of calcareous algae from the Vise stage. V. K. Golubtsov. Paleont. i stratigr. BSSR. no. 3-348-351 '61.

PRIPET VALLEY—EARTH TEMPERATURE

Some geothermal characteristics of the deep parts of the Pripet graben. D. G. Protasenia. Dokl. AN BSSR. 6 no. 1, 48-52 Ja '62.

PRIPET VALLEY—GEOLOGY, STRATIGRAPHIC

Age of the Korenevskaya series in the Pripet Depression. Z. M. Nevmerzhitskaia. Dokl. AN BSSR. 6 no. 2; 113-118 F '62.

PRIPET VALLEY—WATER, UNDERGROUND

Underground waters below the Devonian salt deposits of the Pripet Depression. L. K. Berzina. Dokl. AN BSSR. 6 no. 2, 109-112 F '62.

PRISONS

Gernet, M. N. [History of czarist prisons in five volumes] Istoriia tsarskoi tiur'my v piati tomakh. Izd. 3. Moskva, Gos. izd-vo iurid. lit-ry.
Vol. 3, 1870-1900. 1961. 430 p.

How to determine the type of the corrective labor colony for the detention of different convicts. V. Vakulenko. Sov. iust. no. 2; 11-13 Ja '62.

PRIVATE SCHOOLS see subdivision under Great Britain

PROBABILITIES

Gnedenko, B. V. [Course in the theory of probabilities] Kurs teorii veroiatnostei. Izd. 3., perer. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 406 p.

PROBATION

Bodenskov, S. A. [Release on probation] Perodachia na poruki. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 77 p.

PRODUCE TRADE

Russia (1923- U. S. S. R.) Gosudarstvennyi komitet zagotovok. [State purchases of produce] Gosudarstvennye zakupki sel'skokhoziaistvennykh produktov. Moskva, Gos. izd-vo polit. lit-ry, 1961. 86 p.

"Transportation and storage of potatoes, vegetables and fruit." Reviewed by T. Fedotova. Sov. potreb. koop. 6 no. 2; 62 F '62.

Use advance payments received on contractual agreements as designated. A. B. Borodin. Uchet i fin. v kolkhoz. i sovkhoz. 19 no. 1; 33-36 Ja '62.

PRODUCTION CONTROL

Markov, A. L., and F. P. Velosevich. [Brief manual for inspectors and master workers of a machinery plant] Kratkii spravochnik kontrolera i nogo mastera mashinostroitel'nogo zavoda. Moskva, Mashgiz, 1961. 287 p.

Substantiation of methods for selecting the number of control points in manufacturing elements of kinematic pairs having interdependent errors. V. I. Sergeev. Trudy Inst. mash. Sem. po teoch. v mash. i prib. no. 16, 40-43 '61.

PRODUCTION-LINE METHODS see Assembly-line methods

PRODUCTION STANDARDS
(see also subdivision under Kzyl-Orda)

Basic regulations for developing maintenance norms and time norms related to maintenance. L. Borisov, N. Sofinskii. Biul. nauch. inform. trud i zar. plata. 5 no. 1, 10-21 '62.

Developing time norms. K. Kuznetsova. Biul. nauch. inform., trud i zar. plata. 5 no. 1, 12-18 '62.

Labor and wages. I. Kuznetsov. Sov. profsoiuzy. 18 no. 1; 21-23 Ja '62.

Problems of the reliability of manufactures. IA. Solin. Prof.-tekh. obr. 19 no. 2; 13-15 F '62.

Tomasevskis, S. [Norms of output and wages in industrial enterprises] Darbo normavimas ir darbo uzmokestis pramones imonese. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 42 p. [In Lithuanian]

Using motion pictures for the evaluation of work intensity. E. Semenov. Biul. nauch. inform. i trud i zar. plata. 5 no. 2, 60-63 '62.

PRODUCTS, COAL-TAR see Coal-tar products

PROFIT

Indices of the profitable production of industrial enterprises. N. Chumachenko. Den. i kred. 20 no. 2; 33-40 F '62.

PROGRAMMING (ELECTRONIC COMPUTERS)
(see also subdivision under United States)

Principal problems concerning the construction of a programming programme for the "Kyiv" computer. L. M. Ivanenko, K. L. IUshchenko. Zbir. prats' z obchys. mat. i tekh. 2, 26-28 '61.

Programming program with information presented in the form of an address algorithm. K. L. IUshchenko, L. P. Bistrova. Zbir. prats' z obchys. mat. i tekh. 3; 30-41 '61.

Smol'nikov, N. IA. [Programming fundamentals for the "Ural" digital computer] Osnovy programmirovaniia dlia tsifrovoi mashiny "Ural." Moskva, Izd-vo "Sovetskoe radio," 1961. 320 p.

[Standard programs for the BESM-2 of the Computation Center of the Academy of Sciences of the U. S. S. R.] Stand. prog. BESM-2 no. 3 '61.

Subprogram library of the "Kyiv" computer. K. L. IUshchenko, M. O. Driuchina. Zbir. prats' z obchys. mat. i tekh. 2; 28-32 '61.

PROGRAMMING (MATHEMATICS)

Comments on a problem of optimum control. A. I. Egorov. Issl. po int. -diff. urav. v Kir. no. 1; 275-284 '61.

Principle of the maximum in the theory of optimum control. A. I. Egorov. Issl. po int. -diff. urav. v Kir. no. 1; 213-242 '61.

Reducing the problem of memory allocation in programming to the problem of coloring graph vertices. A. P. Ershov. Dokl. AN SSSR. 142 no. 4, 785-787 F '62.

Sufficient conditions for optimality. V. G. Boltianskii. Dokl. AN SSSR. 140 no. 5; 994-997 O '61.

PROGRAMMING LANGUAGES (ELECTRONIC COMPUTERS)

Analysis and feasibility of simplifying the structure of language texts in connection with a construction of an informational machine. Z. M. Volotskaia, A. L. Shumilina. Soob. Otd. mekh. i avtom. inform. rab. no. 2; 243-253 '61.

Handling of words with homonymy of a part of speech in the analysis of English texts. M. M. Langleben, E. V. Paducheva. Soob. Otd. mekh. i avtom. inform. rab. no. 2; 228-233 '61.

Programming analysis of the English language (from translation through an intermediate language). E. V. Paducheva. Soob. Otd. mekh. i avtom. inform. rab. no. 2; 210-227 '61.

Some quantitative data regarding the forms of nouns and verbs of the Russian language, using materials taken from mathematical texts. Z. M. Volotskaia, I. N. Shelimova, A. V. Shumilina. Soob. Otd. mekh. i avtom. inform. rab. no. 2 254-261 '61.

Syntactical analysis of prepositional groups in the English language. M. M. Langleben. Soob. Otd. mekh. i avtom. inform. rab. no. 2 234-242 '61.

PROGRAMMING LANGUAGES (ELECTRONIC COMPUTERS)—CHEMISTRY

Translating titles of chemical reports into the informational language. M. M. Langleben, A. L. Shumilina. Soob. Otd. mekh. i avtom. inform. rab. no. 2 71-80 '61.

PROGRAMMING LANGUAGES (ELECTRONIC COMPUTERS)—GEOMETRY

Informational language for geometry and the algorithm for translation from the Russian to the informatic al language. A. V. Kuznetsov, L. V. Paducheva, I. M. Ermolaeva. Soob. Otd. mekh. i avtom. inform. rab. no. 2, 40-73 '61.

PROGRAMMING LANGUAGES (ELECTRONIC COMPUTERS)—MATHEMATICS

Establishment of syntactical relations for formulas in Russian mathematical texts. M. M. Langleben. Soob. Otd. mekh. i avtom. inform. rab. no. 2 160-169 '61.

PROJECTILES see subdivision under Mory

PROJECTIVE GEOMETRY see Geometry, Projective

PROKOF'EV, SERGEI SERGEEVICH, 1891-1953

Berger, L. G. ["Symphony No. 7" by S. Prokof'ev; an analysis] Sed'maia simfoniia S. Prokof'eva, poiasnenie. Moskva, Sovetskii kompozitor, 1961. 26 p.

Closer to Prokof'ev. L. Danko. Sov. muz. 26 no. 2; 59-62 F '62.

Del'son, V. IU. [Piano concertos of S. Prokof'ev] Fortep'iannye kontserty S. Prokof'eva. Moskva, Sovetskii kompozitor, 1961. 52 p.

Kholopova, V. N., and IU. N. Kholopov. [Piano sonatas of S. S. Prokof'ev] Fortep'iannye sonaty S. S. Prokof'eva. Moskva, Gos. muzykal'noe izd-vo, 1961. 87 p. (K Mezhdunarodnomu konkursu imeni P. I. Chaikovskogo)

Klimovitskii, A. I. [The opera "Semyon Kotko" by Prokof'ev; an analysis] Opera Prokof'eva "Semen Kotko"; poiasnenie. Moskva, Sovetskii kompozitor, 1961. 68 p.

PROLETARSKAYA RESERVOIR—TURBIDITY

Changes in the transparency and turbidity of water in Proletarskaya Reservoir. S. S. Avedikov. Sbor. rab. po gidrol. no. 2 67-71 '61.

PROPANE

Sulfuric acid alkylation of isobutane by butylenes using contactors with various feed systems. P. G. Vol'pian and others. Khim. i tekh. topl. i masel. 7 no. 3; 1-4. Mr '62.

Using liquid propane to displace oil from pools. I. F. Kotlukhov. Geol. nefti i gaza. 6 no. 2; 32-35. F '62.

PROPANEDIOL

Results of a clinical study of meprotan [with summary in French]. M. V. Korkina, V. F. Narodit skaia, Z. G. Strel'tsova. Zhur. nevr. i psikh. 61 no. 6, 886-890 '61.

PROPELLERS

Controllable pitch propellers on the "Korshun" type seagoing fishing trawlers. V. Kurpovich. Mor. flot. 22 no. 3; 28-31 Mr '62.

Elements of a propeller. S. Luchininov. Voen. znan. 38 no. 1; 34 Ja '62.

PROPENE

Alkylation of anisole by propylene and cyclohexene in the presence of BF_3, H_3PO_4. S. V. Zagorodnii, E. V. Alisova. Zhur. ob. khim. 32 no. 2; 350-353 F '62.

Conversions of isobutylene and other iso-olefins in the hydrocondensation reactions of carbon monoxide with olefins. IA. T. Eidus, B. K. Nefedov. Neftekhimiia. 1 no. 1; 74-81 Ja-F '61.

Formation of inhibitor radicals in the oxidation of gaseous propylene. A. L. Buchachenko, M. S. Khlopiankina, M. B. Neiman. Dokl. AN SSSR. 143 no. 1; 146-149 Mr '62.

High-speed photochemical hydrobromination of ethylene and propylene at low temperatures. G. N. Kovalev and others. Dokl. AN SSSR. 142 no. 2; 396-398 Ja '62.

Oxidation of propylene to acrolein on vanadium and molybdenum catalysts. L. N. Kuteeva, L. IA. Margolis. Zhur. ob. khim. 32 no. 1; 102-107 Ja '62.

Radiochemical conversions of organic compounds. Report No. 6: Oxidation of propylene by oxygen under the action of fast electrons. B. M. Mikhailov, V. G. Kiselev. Neftekhimiia. 1 no. 2; 267-273 Mr-Ap '61.

Reaction of 1, 1-dichloro-2-propene and crotonaldehyde with alkyl(aryl)thiols. R. Kh. Freidlina, A. B. Terent'ev, R. G. Petrova. Izv. AN SSSR. Otd. khim. nauk. no. 2, 283-286 F '62.

Solubility of propylene in methanol at low temperatures. I. P. Usiukin, V. M. Shleinikov. Gaz. prom. 6 no. 12; 40-42 '61.

PROPENE—CONGRESSES

Conference on the production of ethylene and propylene. A. L. Rabkina, V. I. Kuz'min, G. N. Sel'ianova Neftekhimiia 1 no. 5:721-723 S-O '61

PROPENONE

Polarography of diphenylcyclopropenone. S. I. Zhdanov, M. K. Polievktov Zhur. ob. khim 31 no 12 3870-3873 D '61

PROPERTY

The concern of each individual for preserving and increasing public property Part. zhizn' no. 5 57-63 Mr '62.

PROPIONIC ACID

Synthesis of β-[p-di(2-chloroethyl)aminophenyl]-β-hydroxy-propionic acid A. IA. Berlin, V. P. Bronovitskaia. Zhur. ob khim 32 no 2 600-603 F '62

PROPIONITRILE

Transfiguration of 4-ethyl-5-propylpyrazoline into α-ethyl-β-amino-β-propylpropionitrile. I. I. Grandberg, A. V. Kotapova. Zhur ob khim. 32 no 2 651-652 F '62

PROPOLIS

Use of propolis in stomatology. N. F. Danilevskii and others. Probl. stom 5:422-426 '60.

PROPYLENE OXIDE

Structure of a $FeCl_3$ X propylene oxide catalyst and the mechanism of stereospecific polymerization of some epoxy compounds L. A. Bakalo and others Dokl AN SSSR 142 no. 2:347-350 Ja '62.

Synthesis of amino alcohols from calcium cyanamide and propylene oxide. Part 6. A. E. Kretov, I. S. Matveev Zhur ob khim. 32 no 2 471-473 F '62

PROPYNE

Reactions of aliphatic diazo compounds with unsaturated compounds Part 20: Reaction of ethyl diazoacetate with 1-phenylpropyne in the presence of copper sulfate I. A. D'iakonov, M. I. Komendantov. Zhur ob. khim 31 no 12:3881-3883 D '61

PROSPECTING

(see also subdivision under Irkutsk Province; Kazakhstan; Kobystau; Krivoy Rog; Ukraine, Ural Mountain region)

Classification of systems of prospecting for solid minerals. V. I. Birlukov Geol. i razv. no. 1:99-121 Ja-F '62.

Combining geological and geophysical methods in the geologic surveying and prospecting L. L. Linkhov. Izv. vys. ucheb. zav. geol i razv. 4 no. 12:99-102 D '61

Efficient methods for geological mapping and prospecting in salt-dome regions. G. U. -A. Aizenshtadt and others. Sov. geol. 4 no. 12:113-116 D '61

Programming test drilling operations in detailed prospecting considering the use of the test boreholes in exploitation V. I. Chistiakov. Izv vys. ucheb. zav ; geol i razv 5 no. 1 74-83 Ja '62

"Prospecting for mineral deposits" by V. M. Kreiter. Reviewed by F. I. Vol'fson and others. Sov. geol. 4 no. 12:133-137 D '61

PROSPECTING—GEOPHYSICAL METHODS

(see also subdivision under Ural Mountain region)

Combined use of geophysical methods in making large-scale maps. G. S. Shteinberg. Zap. LGI 39 no. 2:114-118 '61.

Conversion of ΔT curves for a comparison with Δg curves. A. A. Logachev. Zap LGI 39 no. 2:50-51 '61.

Determination of the depth of occurrence of magnetized bodies taking into account the error in the selection of a normal field. L. IA Provodnikov Trudy Inst. geol. i geofiz. Sib. otd. AN SSSR no. 1 127-135 '60.

Improvement of the existing and investigation of new geophysical methods for studying the structure of the earth's crust, searching and prospecting for new mineral resources in the light of the decisions of the 22d Congress of the CPSU E. V. Karus. Izv. AN SSSR. Ser. geofiz. no 1:III-VII Ja '62

Interpretation of geophysical anomalies by the method of tangents. N. I. Gel'fand. Trudy Inst. geol i geofiz Sib otd AN SSSR no. 1:31-44 '60

"Introduction to geophysical prospecting" by M. B. Dobrin. Reviewed by A. G. Tarkhov. Izv. vys. ucheb. zav ; geol. i razv. 4 no. 11:133-134 N '61.

Method for calculating the derivatives of a "pseudogravitational" field in a plane problem based on magnetic surveying data. T. N. Simonenko. Trudy Inst. geol i geofiz Sib. otd. AN SSSR no 1:55-58 '60.

Ogil'vi, A. A. [Geophysical methods of exploration] Geofizicheskie metody issledovanii. [Moskva] Izd-vo Mosk. univ., 1962. 411 p.

Precision templates for calculating the zero level of the field of anomalies of the final order. L. IA Provodnikov. Trudy Inst. geol. i geofiz. Sib. otd. AN SSSR no. 1:115-121 '60.

Use of functions of a complex variable in the geological interpretation of gravitational and magnetic data. S. V. Shalaev. Trudy Inst. geol. i geofiz. Sib. otd. AN SSSR no. 1:3-13 '60

PROSTATE GLAND—CANCER

Effective hormonotherapy in cancer of the prostate gland with skeletal metastases I. A. Baran Nov khir arkh no. 4 104 Jl-Ag '60

PROSTATE GLAND—TUMORS

Surgical treatment of adenomas of the prostatic gland in diabetes mellitus A. I. Kiselev. Med zhur Uzb no 11. 59-60 N '61

PROSTHESIS

(see also subdivision under Gorkiy, Kuybyshev)

Biological currents at the artificial limbs. D. Ioffe and others Sots. obesp 23 no 2 47-50 F '62

In a communist fraternity. P. Semidetova. Sots. obesp. 23 no. 2 13-47 F '62.

Justified claims V. Dunaeva. Sots. obesp. 23 no. 2 50-51 F '62.

Preparation for prosthesis. S. Godunov. Sots. obesp. 23 no. 1:40-41 Ja '62.

PROTAS, LIDIIA RUVIMOVNA, 1902-1961

Lidiia Ruvimovna Protas, September 1, 1902 - March 5, 1961. D. G. Rokitin Vest. rent. i rad 36 no 4 90 Jl-Ag '61

PROTEASES

Proteolytic enzyme therapy in bronchial asthma and chronic nonspecific pneumonia D. M. Ziydnikov Terap arkh no 7:62-67 '61.

PROTECTIVE ATMOSPHERES

Argon-arc welding with an additional flow of argon. A. A. Alov, V. M. Shmakov. Svar proizv. no 3:13-16 Mr '62.

Automatic pulsation-arc welding of thin-sheet steel in an argon atmosphere A. V Petrov, G. A. Slavin. Svar. proizv no 2 18-21 F '62.

Automatic welding in a carbon dioxide atmosphere. N. A. Salomatov. Svar. proizv. no 3:33-34 Mr '62

Investigating electrodes with a gas shielding cellulose covering. I. N. Vornovitskii, A. G. Mazel' Svar proizv. no 2:12-14 F '62

Investigating parameters of welding in a protective, water vapor atmosphere. V. A. Gubenko, V. P. Norenko Svar. proizv. no 3:20-22 Mr '62

Investigation of hard facing in a water vapor atmosphere. N. P. Lmel'ianov, K. M. Mal'kov. Svar. proizv no. 3: 18-20 Mr '62.

Making castings from a skin-sensitive alloy by centrifugal methods in vacuum and in a gas-shielded atmosphere. N. M. Tuchkevich, B. M. Kolobashkin. Lit proizv. no. 2:12-14 F '62.

Productivity of water vapor shielded welding. M. Z. Sheinkin. Svar. proizv. no. 3:24-25 Mr '62.

Semiautomatic welding of metallic structures in a protective water vapor atmosphere. L. S. Saphro, V. IA. Zhebokritskii. Svar. proizv. no. 3:22-24 Mr '62

Welding in a water vapor media. S. A. Zhukov. Svar. proizv. no. 3:26 Mr '62.

PROTECTIVE CLOTHING see Clothing, Protective

PROTECTIVE COATINGS

Ion deposits of the rubber film made from synthetic latexes. V. F. Bocharov, G. A. Blokh Izv. vys. ucheb zav. ;tekh. leg. prom. no. 1:22-27 '62.

Paint and varnish coatings in the electric machinery industry B. V. Liubimov. Elektrosila no. 10:51-58 '60.

Protecting steel and wood surfaces from overgrowths of mussels and from the effects of water. K. P. Grinevich and others. Plast. massy no 2:21-23 '62.

Testing protective coatings for coke-plant equipment. R. I. Popov, E. S. Filippenko. Koks i khim. no. 6:35-36 '61.

Using bakelite lacquer as a protective coating against the corrosion of apparatus used in the coke-chemical industry Z. I. Levchenko, N. M. Dankova, I. E. Matveeva Koks i khim no. 12 56-57 '61

PROTECTIVE COATINGS—TESTING

Studying the properties of phosphate and sulfide films obtained with the method of cold parkerizing and sulfidization of the surfaces of steel parts. I. N. Bulanzhe. Izv. vys. ucheb. zav. ;tekh. leg. prom. no. 1:127-133 '62.

PROTECTORATES

Three protectorates in South Africa. A. Strogovich. Az. i Afr. seg. no. 2 33-34 F '62.

PROTEIN METABOLISM

Effect of hypothyreosis on some indices of protein metabolism in rats of various ages during different seasons of the year. V. M. Merezhinskii. Dokl. AN BSSR 6 no. 1:60-64 Ja '62.

Effect of whole-body X irradiation on soluble liver proteins; electrophoretic separation of proteins on agar. A. M. Makhlina. Radiobiologiia 1 no. 6:830-833 '61.

PROTEINS

Antiproteolytic factor of the blood plasma of animals and its changes due to radiation injury. R. G. Mkrtchian, B. N. Tarusov. Dokl. AN SSSR 142 no. 2:462-464 Ja '62.

Histochemical study of liver protein following sensitization [with summary in English] V. S. Gigauri Zhur. mikrobiol., epid. i immun. 32 no 9 74-77 S '62.

Histochemistry of the mucopolysaccharides and proteins of the connective tissue after experimental inhalations of tobacco smoke [with summary in English] N. G. Lupu, C. Velican. Arkh pat. no 2 19-27 '62

Proteins, their structures and functions. F. Shorm. Priroda 51 no. 2,11-18 F '62

Using the high-frequency electric conductivity method in studying sorption characteristics of irradiated proteins. V. K. Tkach, L. A. Frenkel' Radiobiologiia 1 no. 6:824-829 '61.

PROTEUS

Antibiotic treatment of experimental Staphylococcus and Proteus infections Kh. A. Kutdusova. Antibiotiki 7 no. 1,58-60 Ja '62

Levomycetin treatment of Staphylococcus and Proteus wound infections in rabbits immunized with staphylo-anatoxin [with summary in English]. M. Z. Gubaidullina. Antibiotiki 6 no 12:1096-1100 D '61

Sensitivity of Proteus pyogenes to 11 antibiotics [with summary in English]. Z. E. Matusis. Antibiotiki 7 no 2 140-142 F '62.

PROTHROMBIN

Prothrombin index in pneumonia in children. V. P. Ekiskaia Med. zhur. Uzb. no 2 34-35 F '60.

PROTONS

Allowing for πn-interaction in the pair correlation model [with summary in English]. B. L. Birbrair. Zhur. eksp i teor. fiz. 42 no. 2:479-484 F '62.

Angular and energy distribution of protons in the reaction $Ca^{40}(\gamma, p)K^{39}$ with $E_{\gamma max}$ = 22 Mev. [with summary in English]. T. N. Dragnev, B. P. Konstantinov. Zhur eksp. i teor. fiz. 42 no. 2,344-348 F '62.

Cross sections of the capture of 6.6 Mev. protons by Cu^{63} and Cu^{65} nuclei. S. S. Vasil'ev, E. A. Romanovskii, G. F. Timushev. Vest. Mosk un Ser 3: Fiz., astron 17 no. 1,94-95 Ja-F '62.

Determination of the rate constants of the transfer of protons in pyridine at various temperatures from polarographic catalytic hydrogen waves. S. G. Mairanovskii, L. I. Lishcheta Izv AN SSSR Otd khim. nauk no. 2 227-236 F '62

Effect of the alkali cation on the diffusion of protons in nickel oxide G. IA. Slaidin', P. D. Lukovtsev Dokl. AN SSSR 142 no. 5:1130-1133 F '62.

Observation of a reaction involving the pickup of three neutrons and another involving the stripping of three protons in the interaction of N^{14} and Ne^{20} ions and C, Al, Cu, and Ta nuclei. V. V. Volkov and others. Zhur. eksp. i teor. fiz 42 no. 2:635-637 F '62

PROTONS—SCATTERING

Elastic proton-proton scattering at 2.6 Bev. [with summary in English]. S. A. Azimov and others. Zhur eksp i teor. fiz. 42 no. 2:431-434 F '62.

Inelastic scattering of 6.6 Mev. protons on Ca^{40} and Mn^{55} nuclei [with summary in English]. S. S. Vasil'ev, E. A. Romanovskii, G. F. Timushev. Zhur. eksp i teor. fiz. 42 no. 2:395-402 F '62.

PROTOZOA

Interrelation of Protozoa with various groups of soil bacteria. V. F. Nikoliuk, V. K Rybina. Uzb biol zhur. no. 6:3-6 '61.

PROVERBS, KIRGHIZ

Elements of free thought in Kirghiz proverbs and sayings. B. Amanaliev. Izv. AN Kir. SSR, Ser. obshchestv. nauk 3 no. 1:15-24 '61.

PROZINA, MARIIA NIKOLAEVNA, 1889-1960

In memory of Mariia Nikolaevna Prozina (1889-1960). K. I. Meier. Bot. zhur. 46 no. 11:1724-1726 N '61.

PRYZHOV, IVAN GAVRILOVICH, 1827-1885

Buryat folklore in I. G. Pryzhov's sphere of scientific interests. M. P. Khamaganov Kraeved. sbor. no. 6 140-144 '61.

PSEKUPS VALLEY—STONE AGE

New paleolithic finds in the Psekups River Valley, Kuban. M. Z. Panichkina. Krat. soob. Inst. arkheol. no. 32 49-59 '61.

PSEUDARTHROSIS

Operative treatment of ununited fractures and false joints. R. IA. IAkubov. Med zhur. Uzb. no. 11:33-35 N '61.

High oblique subtrochanteric osteotomy in the treatment of ununited medial fractures and pseudarthroses of the femoral neck [with summary in English]. V. M. Lirtsman. Vest. khir. no. 2:82-87 '62.

Osteoplasty and intramedullary nailing in the treatment of unknit fractures and pseudarthroses. R. IA. IAkubov. Ortop., travm. i protez. no. 1:13-18 '62.

Pseudarthroses and bone defects. V. D. Chaklin. Ortop., travm. i protez. no 1:3-13 '62.

Pseudarthroses of the femoral neck and their osteosynthesis with metal nails. D. I. Chopchik. Ortop., travm. i protez. no. 1:19-23 '62.

PSEUDARTHROSIS (Continued)

Surgical treatment of unknit fractures and 'arthroses of the navicular bone. S.I.Kuz'minskii. Ortop., travm.i protez no.1 46-49 '62.

Treatment of pseudarthrosis of the femoral neck. D.Borentei, L.Kalabai, Z.Medieshi. Ortop., travm. i protez. no.1 28-32 '62.

Treatment of unknit fractures and pseudarthroses of the femoral neck by osteosynthesis with 3-pronged nails. V.P. Lintsman. Ortop., travm i protez no.1 23-28 '62.

PSEUDOMORPHS

Importance of the pseudomorphs of minerals for studying genetic features of their deposits [with summary in English on pp 486-487]. Min. sbor. no.14:471-483 '60.

PSEUDOTUBERCULOSIS

Fibrinolytic properties of microbes of plague and pseudotuberculosis. G.A.Aromiuk. Zhur.mikrobiol., epid i immun. 32 no.9 137-139 S '61.

PSEUDOUREA

Derivatives of thiourea. Part 4: Preparation of 2-bromo-3-isothiuronium propylamine and study of some of its transformations. V.M. Fedoseev, V.N. Bochkarev, A.B. Silaev. Zhur.ob.khim. 31 no.12:3969-3973 D '61.

PSHEKHA VALLEY—FORAMINIFERA, FOSSIL

New Foraminifera species from Barremian sediments in the northwestern Caucasus. A.G.Gnedina. Trudy KF VNII no.6:184-185 '61.

PSHEKHA VALLEY—ROCKS, IGNEOUS

Intrusions and postintrusive processes in the upper Pshekha River. G.P.Kornev. Trudy KF VNII no.6, 329-334 '61.

PSKOV—AMATEUR THEATRICALS

Children's theatricals. I.Barysheva, M.Kuz'mina. Kul't.-pros.rab. 23 no.2 18-20 F '62.

PSKOV PROVINCE—COLLECTIVE FARMS

On the right path. B.Borisov. Polit.samoobr. 6 no.2: 102-107 F '62.

PSORIASIS

Some characteristics of psoriasis in children. R.F. Fedorovskaia, M.N.Fortunatov, N.A.Dobrotina. Vest.derm.i ven. no.2,28-35 '62.

PSYCHIATRY

(see also subdivision under Kazakhstan)

Historical connection between work therapy and the system of nonrestraint in psychiatry. M.IA.Greblovskii. Vop.psikh. no.4:38-40 '60.

Morozov, V.M. [Modern trends in foreign psychiatry and their conceptual bases] O sovremennykh napravleniiakh v zarubezhnoi psikhiatrii i ikh ideinykh istokakh. *Pod red. A.V.Snezhnevskogo.* Moskva, Medgiz, 1961. 267 p.
(DNLM)

Organizational problems of work therapy in the zemstvo period of Russian psychiatry. M.IA.Greblovskii. Vop.psikh. no.4:30-35 '60.

PSYCHIATRY—BIBLIOGRAPHY see Bibliography—Psychiatry

PSYCHIATRY—CONGRESSES

Scientific conferences and sessions held by the Institute in *1958 and 1959*. Vop.psikh. no.4:388 '60.

PSYCHIATRY—NOMENCLATURE

Nomenclature for mental diseases in the U.S.S.R. A.M.Rapoport. Vop.psikh. no.4:7-19 '60.

PSYCHIATRY—STUDY AND TEACHING

Changes in the study plan for psychiatry. E.IU.Karu. Zhur.nevr.i psikh. 61 no.11:1735-1736 '61.

PSYCHIATRY, FORENSIC see *Forensic psychiatry*

PSYCHOLOGY, FORENSIC

Problems in the psychology of the testimony of witnesses. A.K.Davletov. Izv.AN Kir.SSR, Ser.obshchestv.nauk 3 no.1:123-137 '61.

PSYCHOLOGY, INDUSTRIAL

Effect of a signal value of a *stimulus on the thresholds of* auditory sensitivity in the process of industrial training. D.G.El'kin. Dokl.APN 5 no.3:57-60 '61.

Industrial training of automatic equipment operators. *Report No.1.* Psychological analysis of an operator's occupation. I.S.IAkimanskaia. Dokl.APN 5 no.2:83-86 '61.

Industrial training of *automatic* equipment operators. Report No.2. Comparative characteristic of the activities of operators of *different* skill grade in their work on the adjustment of automatic equipment. I.S.IAkimanskaia. Dokl.APN 5 no.3:81-88 '61.

Psychological analysis of the content and methods of training in the adjustment of automatic machine tools and production lines. *Report No.1.* Psychological analysis of the activities involved in the *adjustment of* automatic machine tools and production lines. V.IA. Dymerskii. Dokl.APN 5 no.2:79-82 '61.

Psychological analysis of the content and methods of training in the adjustment of automatic machine tools and production lines. Report No.2. Some mental problems characteristic of the work on the adjustment of automatic machine tools and production lines. V.IA. Dymerskii. Dokl APN 5 no 3:79-80 '61.

PSYCHOLOGY, PATHOLOGICAL

Gertsberg, M.O. [Notes on the problem of conaciousness in psychopathology] Ocherki po problemo soznaniia v psikhopatologii. Moskva, Medgiz, 1961. 173 p. (DNLM)

PSYCHOSES

Lichko, A.E. [Insulin comas; clinical aspects, mechanisms of development and insulin shock treatment of psychoses] Insulinovye komy; klinika,mekhanizmy razvitiia,insulinoshokovoe lechenie psikhozov. Moskva, *Izd-vo Akad. nauk SSSR, 1962. 280 p.*
(DNLM)

Neuropsychic changes in toxoplasmosis. N.F. Shilo. Zdrav Bel 7 no.8:40-44 Ag '61.

Thromboses of the sinuses of the dura mater, of the cerebral veins and subdural hematomas in infectious psychoses with an acute course. I.V.Katarinova. Vop.psikh. no.4:347-353 '60.

Treatment of certain forms of involutional psychosis. A.M.Sevumian. Med.zhur.Uzb. no.12:59-60 D '61.

PSYCHOSOMATIC MEDICINE see Medicine, Psychosomatic

PSYCHOTHERAPY

Effectiveness of narcopsychotherapy in protracted hypochondric states [with summary in English]. M.E. Teleshevskaia. Vrach.delo no.1:85-88 Ja '62.

Psychotherapy in epilepsy. A.N.Boldyrev. Vop.psikh. no.4:170-177 '60.

Psychotherapy of epileptic patients. A.K.Mikhailov. Vop.psikh. no.4:178-181 '60.

Useful variant of group psychotherapy. A.M.Voskresenskaia. Vop.psikh. no.4:248-253 '60.

PSYCHOTROPIC DRUGS

Psychotropic drugs. A.V.Snezhnevskii. Med.prom. 15 no.12:7-10 D '61.

PUBLIC BUILDINGS

Moshchil', V.IU., and I.M.Skliarenko. [*Urgent problems* in rural building] Nazrili pytannia sil's'koho budivnytstva. *Kyiv, 1961. 43 p.* (Tovarystvo dlia poshyrennia politychnykh ta naukovykh znan' Ukrain'skoi RSR. *Ser.7, no.11*)

Osipov, L.G., P.P.Serbinovich, and V.E.Krasenskii. [Public and industrial buildings, architectural and *structural designs* and building elements] Grazhdanskie i promyshlennye zdaniia; arkhitekturno-konstruktivnye *skhemy i elementy zdanii.* Izd.2., perer. Pod obshchei red. L.G.Osipova. Moskva, Gos.izd-vo "Vysshaia shkola," 1961. 470 p.

PUBLIC HEALTH

(see also subdivision under Armenia; Donetsk; Uzbekistan; Yutazinskiy District)

Care for the health of the Soviet people is at the center of *attention of the* Communist Party and of the Soviet Government. I.V.Shumada. Nov.khir.arkh. no.1:3-6 *Ja-F '60.*

Congress of the builders of communism. Azerb.med. zhur. no.11:3-9 N '61.

For the benefit of the Soviet people. Med.zhur.Uzb. no.2:3-5 F '60.

Happy life and good health for the Soviet people. Zdrav. Bel 7 no.8:5-7 *Ag '61.*

Health of the people. V.Komisarenko. Nauka i zhytlia 11 no.1:47-49 Ja '62.

Health protection is a primary function of the Soviet State. A.Til'man. Azerb.med.zhur. no.8:85-89 *Ag '61.*

Important problems in the health protection of the population *in the light of* the new program of the CPSU. D.P. Belitskii, Z.K.Mogilevchik. Zdrav.Bel. 7 no.12: 3-7 D '61.

Planning research on the *history of* medicine and public health. B.D.Petrov. Vest.AMN SSSR 16 no.11:78-82 '61.

Public health. S.V.Kurashov. Kaz.med.zhur. no.4: 12-15 Jl-Ag '61.

PUBLIC HEALTH—BIBLIOGRAPHY see Bibliography—Public health

PUBLIC HEALTH—STUDY AND TEACHING

Field practice of *students* in public health organization [with summary in English]. N.G.Sinitsynskaia. Sov. zdrav. 21 no.1:28-30 '62.

Problems in *organizing public* health in the system of training students in clinical departments [with summary in English]. G.N.Gusev. Sov.zdrav. 21 no.1:20-23 '62.

Sanitary and epidemiological station as a base for training physicians of a medical institute. P.I.Barannik, S.S.Poznanskii. Sov.zdrav. 21 no.1,25-27 '62.

PUBLIC HEALTH, RURAL

(see also subdivision under Andizhan Province; Ryazan Province)

Chumak, M.M., and I.I.Vlahnovskaia. [Rural medical service in the *U.S.S.R.*] Meditsinskoe obsluzhivanie sel'skogo naseleniia SSSR. Moskva, Medgiz, 1961. 111 p.

Gertin, D.V. [Outline history of the development of the rural public health system in the U.S.S.R. 1917-1959] Ocherki istorii razvitiia sel'skogo zdravookhraneniia SSSR, 1917-1959 gg. Pod red. M.I.Barsukova. Moskva, Medgiz, 1961. 236 p.

Organization and forms of hygiene instruction in the village. F.I.Zborovskaia. Med.sestra 20 no.11 8-9 N '61.

Some problems of rural hygiene. A.A.Grinberg. Zdravookhranenie 4 no.6 10-11 N-D '61.

PUBLIC HEALTH SOCIETIES see subdivision under Andizhan

PUBLIC OPINION see subdivision under Mongolia; United States

PUBLIC PROSECUTORS

(see also subdivision under Otynya District)

How the public prosecutors of the U.S.S.R supervise the observance of laws. Sots.zakon. 30 no.2,89-93 F '62.

New civil law and civil procedure and the objectives of public prosecutors. A.Kholiavchenko. Sotsialist.zakon. 32 no.2 44-49 F '62.

We should constantly try to improve the organizational work of public prosecution offices. Sots.zakon. 32 no.2 3-11 F '62.

PUBLIC SCHOOLS

Some problems of computing and distributing *service* networks [with summary in English, p. 79]. G.I. Frumin. Visnyk AMN URSR no.4:7-9 '61.

PUBLISHERS AND PUBLISHING

Poetry and matters of business. V.Shoshin, V.Kruglov. Neva no.8:204 '61.

Publishers of technical books after the party congress. A.Leskov. Sov.knizh.torg. 15 no.1:40-42 Ja '62.

Treaty of friendship between publishing houses and book stores. Sov.knizh.torg. 15 no.2:43-45 F '62.

We haven't received an answer from the Main Administration of Publishing Houses. Sov.deput.trud. no.2 60 F '62.

What the reader expects from the State Publishing House of Literature of Machinery. Sov.knizh.torg. 15 no.1: 42-45 Ja '62.

PUBLISHERS AND PUBLISHING—ACCOUNTING

Accounting for publishing operations. N.Dorfman. Bukhg. uchet 10 no.2:42-46 F '62.

PUGWASH CONFERENCE OF NUCLEAR SCIENTISTS

"The Pugwash conferences. A staff analysis prepared for the subcommittee to investigate the administration of the internal security act and other internal security laws" [in English]. Reviewed by L.Sedin. Nov.vrem. 20 no.12,28-30 Mr '62.

PURTO, MARIIA NIKOLAEVNA, 1921-

Mariia Nikolaevna Purto. Med.sestra 20 no.11 61 N '61.

PULMONARY ARTERY

Measurement of the pressure in the left cavities of the heart and pulmonary artery during surgery for mitral stenosis. S.A. Kolesnikov, V.M. Zhadovskaia, IU.S. Petrosian. Grud.khir. no.5:25-31 '61.

PULMONARY CIRCULATION—DISEASES

Evaluation of some functional tests in studying hemodynamic disorders of the lesser circulation in mitral stenosis. I.I.Sivkov and others. Vest.AMN SSSR 16 no.12:55-65 '61.

PULMONARY EDEMA

Central inhibition and acute pulmonary edema. D.M. Pletsityi, A.M.Monasenkov. Dokl.AN SSSR 142 no.4 *865-867 F '62.*

Neurogenic pulmonary edema. A.M.Masuev. Vrach. delo no.1:141-142 Ja '62.

PULMONARY EMPHYSEMA see Emphysema, Pulmonary

PULSE

Effect of partial extirpation of the large salivary glands on pulse wave velocity and blood pressure level in dogs [with summary in English]. A.Valtneris. Izv.AN Latv. SSR no.1:117-121 '62.

PULSE CIRCUITS

Design of trigger networks *with automatic* bias. Z.I. Rabinovych. Zbir.prats' z obchys.mat.i tekh. 2:77-86 '61.

PULSE CIRCUITS—TESTING

Device for checking trigger circuits. V.D.Losev, A.N.Semenovs'kyi. Zbir.prats' z obchys.mat.i tekh. 2:111-113 '61.

PULSE TECHNIQUES (ELECTRONICS)

Accumulation of pulse signals in devices with delayed negative feedback and exclusion of the effective time delay. L. A. Morugin Radiotekh. i elektron 7 no 3 391-398 Mr '62

Concerning the detection of periodic pulse signals in the presence of impulse interference and incoherent accumulation N. F. Ziuzev Radiotekh i elektron 7 no 3 388-390 Mr '62

Condition of absolute invariance for closed-loop pulse systems [with summary in English]. IU. V. Krementulo. Avtomatyka no. 1:33-45 '62.

Generator of random pulse successions with a magnetic recorder [with summary in English] M. G. Kalachev. Avtom. i telem 23 no. 2.186-189 F '62

Interference rejection of a receiver producing a combination of self-correlation function readings. N. F. Vollerner, N. G. Gatkin, M. I. Kuznovskii Radiotekhnika 17 no. 2:3-9 F '62.

Invariance of multistage pulse systems without disturbance coupling [with summary in English]. V. M. Kuntsevych. Avtomatyka no. 1:26-32 '62.

Propagation of pulses in real cable networks with a coaxial and balanced design. I.I.Grodnev. Elektrosvinz' 16 no 2 60-66 F '62

Pulse shaping by parabolic lines. O. N. Litvinenko. Radiotekhnika 17 no. 2.42-50 F '62.

Single-cycle storage-type pulse summation device. V. M. Hlushkov. Zbir. prats' z obchys. mat. i tekh. 2: 33-38 '61.

Spectrum of an oscillator generating pulses with steep fronts. L. A. Pereverzev. Trudy inst. Kom. stand., mer i izm. prib. no. 53: 106-120 '61

Use of numerical boundary methods for designing pulse-voltage rectifiers for networks with an equivalent power rating. F. M. Kharchenko. Zbir. prats' z obchys. mat i tekh. 3:57-64 '61.

PULVERIZED COAL see Coal, Pulverized

PUMPING MACHINERY
(see also subdivision under Erivan; Great Britain)

Determining the working conditions of the water ring vacuum pumps of gas removal systems. V. G. Lavrik. Ugol' Ukr. 6 no 1:25-26 Ja '62

Economy characteristics of the feed pump turbine drive in electric power plants. G. A. Ushakov. Teploenergetika 9 no. 3:30-33 Mr '62.

High pressure 10N8x4A type pump for operations in the closed wash water circuit in hydraulic mining N. E. Ofengenden, V. A. Dolgopolov. Ugol' 37 no. 1:27-28 Ja '62.

Miniature pumps. Tekh. mol. 30 no. 1:11 '62.

The NPD-400M and NPS-400M high-pressure pumps. P. T. Golovko, M. Z. Loshak. Mashinostroenie no. 1. 92-93 Ja-F '62.

Podvidz, L. G., ed. [Laboratory course in hydraulics and pumping machinery] Laboratornyi kurs gidravliki i nasosov. [By] O. V. Baikakov i dr. Moskva, Gos. energ. izd-vo, 1961. 248 p.

Replacing textolite bearings of artesian submerged 8-AP type pumps. I. I. Plotitsyn. Vod. i san. tekh. no. 2:34 F '62.

Starting pumps with open gates to pressure lines. D. N. Smirnov. Vod. i san. tekh no. 2:24-28 F '62.

Turk, V. I. [Pumps and pumping stations] Nasosy i nasosnye stantsii. Izd. 2., perer. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 332 p.

PUMPING MACHINERY—TESTING

Some results of studying the performance of axial helical wheels. V. I. Dumov, M. A. Peshkin. Energomashinostroenie 8 no. 2:9-11 F '62.

PUMPING STATIONS

Automation of a fecal pumping house. L. I. Golovchenko, I. O. Kneller. Energetik 10 no. 3:12-14 Mr '62.

PUMPS, CENTRIFUGAL see Centrifugal pumps

PUNCHED CARD SYSTEMS

Erdokimov, L. S., G. P. Evstigneev, and V. N. Kriuchin. [Digital computers] TSifrovye vychislitel'nye mashiny. Izd. 3., perer. i dop. Moskva, Mashgiz, 1961. 456 p.

PUNCHING MACHINERY

Punching small holes in stainless and acidproof steel sheets. A. P. Cherkasov. Khim. mash. no. 6:40 N-D '61.

PUNCTURES (MEDICINE)

Morphology of the liver from data of intravital puncture during the treatment of Botkin's disease with blood transfusions. F. V. Arsent'ev. Kaz. med. zhur. no. 6: 20-21 N-D '61.

Practical value of studies in punctate cytology in the diagnosis of cancer of the mammary gland. E. G. Shneider. Nov. khir. arkh. no. 4:89-94 Jl-Ag '60.

PUPIL (EYE)

Paradoxical pupillary reactions to light [with summary in English]. A. K. Popov. Zhur. nevr. i psikh. 61 no. 6:818-819 '61.

PUPPETS AND PUPPET PLAYS

For puppet theater fans Kul't.-pros rab. 23 no. 2.59 F '62.

Puppets with personality. B. Polurovskii. Ogonek 40 no. 7:25 F '62.

PURIFICATION OF WATER see Water—Purification

PURPURA (PATHOLOGY)

Symptom complex "acute abdomen" in abdominal purpura (Schönlein-Henoch disease) and the surgeon's tactics. G. I. Volkov. Kaz. med. zhur. no. 6:27-28 N-D '61.

Two cases of splenectomy in Werlhof's disease in children. A. G. Voronin, S. M. IUs'ko, Z. P. Zorina. Nov. khir. arkh. no 4:98-99 Jl-Ag '60

PUS see Suppuration

PUSHKIN, ALEKSANDR SERGEEVICH, 1799-1837

A. S. Pushkin as historian, on the 125th anniversary of his death. B. M. Mar'ianov Ukr. ist. zhur. 6 no 1:149-151 Ja-F '62.

Conjunctive constructions in Pushkin's work. V. P. Vomperskii. Rus. iaz. v shkole 23 no 1 46-48 Ja-F '62.

History of a portrait. N. Baranskaia. Smena 39 no 3:18-19 F '62

Impersonal-direct speech in Pushkin's prose. M. V. Glushkova Rus. iaz. v shkole 23 no. 1 49-53 Ja-F '62.

Language and style of the novel "Evgenii Onegin." V. A. Kovalev, E. A. Maimin. Rus. iaz. v shkole 23 no. 1: 36-40 Ja-F '62.

Mal'tsev, M. I. [Sociopolitical views of A. S. Pushkin] Problema sotsial'no-politicheskikh vozzrenii A. S. Pushkina. Cheboksary, 1960. 470 p. (Cheboksary. Chuvashskii gosudarstvennyi pedagogicheskii institut. Uchenye zapiski, no. 12. Seriia filologicheskaia)

"Moyka Quay, 12" by A. Gessen. Reviewed by N Alekseandrova. Sem'ia i shkola 17 no. 2:43 F '62.

Pushkin and the Russian literary language. V. D. Levin. Rus. iaz. v shkole 23 no. 1:28-35 Ja-F '62.

Pushkin collection. V. Bogdanov. Sov knizh. torg. 15 no. 2 46 F '62.

Pushkin; on the 125th anniversary of his death. I. Vishnevskaia. Teatr 23 no. 2:120-128 F '62.

Pushkin's unknown diary? Il'ia Feinberg. Ogonek 40 no. 7:16-17 F '62.

Studying the language and style of A. S Pushkin's poem "Caucasus." S. A. Koporskii Rus. iaz. v shkole 23 no. 1:41-45 Ja-F '62

PUSHKIN, ALEKSANDR SERGEEVICH, 1799-1837—BIBLIOGRAPHY see Bibliography—Pushkin, Aleksandr Sergeevich, 1799-1837

PUZYREVSKII, NESTOR PLATONOVICH, 1861-1934

Nestor Platonovich Puzyrevskii. G. O. Levit. Gidr. stroi. 32 no. 12:59-60 D '61.

PYLORIC STENOSIS

Changes in the color sedimentation test of urine during the surgical treatment of congenital pyloristenosis in children. A. M. Morgunova. Lab. delo 8 no. 2 50-51 F '62.

PYRANONE

Condensation of β,β-dichloroacrolein with cyclic ketones and the cyclization of condensation products obtained to α-pyrone derivatives. L. I. Zakharkin, L. P. Sorokina. Izv. AN SSSR, Otd. khim. nauk no. 2:287-290 F '62.

PYRAZOLE

Furanidino-pyrazoles. I. K. Korobitsyna and others. Zhur. ob. khim. 31 no. 12:3921-3926 D '61.

PYRAZOLINE

Structure of colored substances form of the oxydation by air oxygen of the derivatives of pyrazoione (5). I. A. koev, A. G. Guseva. Trudy NIKFI

Transfiguration of 4-ethyl-5-propylp α-ethyl-β -amino-β -propylpropioni berg, A. V. Potapova. Zhur. ob. khi F '62.

PYRETHRUM

Life cycle of Pyrethrum roseum M. I Biul. Glav. bot. sada no. 44.62-76 '

PYRIDAZINEDIONE—PHYSIOLOGICAL

Effect of biologically active substanc genesis of some plants. N. A. Kozl inst. Ser. 7 no. 5:225-237 '62.

PYRIDINE

Condensation of 8-caffeine aldehyde v pyridine and quinoline bases. B. P. khim. 32 no. 2:452-454 F '62.

Derivatives of 7-azaindole. Part 3: I 7-azaindolines during the reaction o with hydroxyhalo derivatives of pyri tov, M. V. Rubtsov. Zhur. ob. khim. F '62.

Determination of the rate constants of the transfer of protons in pyridine at various temperatures from polarographic catalytic hydrogen waves. S. G. Mairanovskii, L. I. Lishcheta Izv. AN SSSR, Otd. khim. nauk no. 2 227-236 F '62.

Rapid methods for analyzing crude light pyridine bases and for determining the acidity of ammonium sulfate IA. Z. Leitman, T. I. Likhota. Koks i khim. no. 12 54-55 '61.

Substituted pyridines. Dehydrogenation and dealkylation of substituted piperidines N. S. Prostakov, L. A. Gaivoronskaia Zhur. ob. khim. 32 no. 1 76-81 Ja '62.

PYRIDINE—SPECTRA

Photochromism and electronic paramagnetic resonance in α- (o, n-dinitrobenzyl)-pyridine B. M. Kuindzhi and others. Opt. i spektr. 12 no. 2:220-223 F '62

PYRIDOXINE

Effect of levomycetin, vitamin B_6 and vitamin PP on dysenterial infection in an experiment [with summary in English] M. N. Plotnikova. Antibiotiki 7 no 1:56-58 Ja '62.

Synthesis of sulfur-containing derivatives of pyridoxine. L. A. Petrova, N. N. Bel'tsova. Zhur. ob. khim. 32 no. 1:274-277 Ja '62.

PYRIMIDINE

Use of pentoxyl in the compound treatment of peptic ulcer. A. I. Landa. Kaz. med. zhur. no 4:41-42 Jl-Ag '61.

PYRITES
(see also subdivision under Caucasus, Northern)

Effect of the conditions of pyrite formation on its flotation properties. K. E. Rykov. Izv. vys. ucheb. zav., tsvet. met. 5 no. 1.44-49 '62.

Gladushko, V. I. [Pyrite roasting in a fluidized bed] Obzhig kolchedana v kipiashchem sloe. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1961. 63 p.

PYROCHLORE
(see also subdivision under Kola Peninsula)

Flotation of pyrochlore from carbonatite ores. S. I. Pol'kin. TSvet. met. 35 no. 2:12-15 F '62.

PYROGENAL

Conference on the experimental study and clinical use of pyrogenal. A. P. Kasatkina Zdrav. Kazakh. 21 no. 6: 73-76 '61.

PYROLYSIS

Effect of the disproportionation of composition and of the increase in the yield of volatile products in fuel pyrolysis at high heating rates. Z. F. Chukhanov, A. P. Kazhurichev, IA. A. Stonans Dokl. AN SSSR 143 no. 1 162-165 Mr '62.

Pyrolysis of petroleum products in coke ovens. V. D Frishberg. Koks i khim. no. 12:32-33 '61.

PYROMETERS

Pyrometer for measuring the temperature of material in heating and calcining zones. G. M. Gofman. Nauch. soob. NIITSementa no. 11:7-9 '61

PYROMETRY

New pyrometric method based on the ratio of two fluxes of total radiation, and the "spectral weight" temperature of a black body and of metals. D. IA Svet. Dokl AN SSSR 142 no. 2.334-336 Ja '62

PYRROLE

Furan compounds. Part 17: Synthesis of 1,2-dihydroxydipyrroles and pyrrolizidines by the intramolecular catalytic dehydration of furan and tetrahydrofuran amines. A. A. Ponomarev, I. M. Skvortsov. Zhur. ob. khim. 32 no 1:97-101 Ja '62.

PY

PYLAOV FAM. see PETROL—GEOLOGY

[illegible] the regional structure of the Pylao. [illegible] P M Kuznetsov and I F Gurevich Dokl AN [illegible] 13 1 F '62

Pylaovo
[illegible] (Ukraine)

[illegible] epidemic in an area of new infectious typhus and [illegible] and measures against Q fever [illegible] Zhur mikrobiol epidemiol i immunobiol 32 no 12 [illegible] N-D '61

[illegible] against Q fever [illegible] I F Sytenko obid Zhur [illegible] 12 no 9 12-18 S '61

QUADRATIC EQUATIONS see Equations, Quadratic

QUALITY CONTROL

[illegible] organization of technical-control procedures [illegible] A L Sledzikh, B. S Zorich [illegible] 57 Ja-F '62

Gamilitsa, V. M. [Concern for quality is the duty of [illegible] Tambovskoe knizhnoe izd-vo, 1961. 47 p. (Osnovy ekonomicheskikh znaniy rabochemu)

QUANTUM THEORY

[illegible] for the energy spectrum in collisions of electrons [illegible] E F Gorshanova, R I A Damburg [illegible] 12 no 1 113-114 Ja '62

[illegible] section for free-free electron [illegible] in the field of a neutral hydrogen atom [illegible] Opt i spektr 12 no 1 111-113 Ja '62

[illegible] energy level position for diphenyl, [illegible] pyridine, and phenyl pyridium salts Z Simon Opt i spektr 12 no 1 31-31 Ja '62

[illegible] the [illegible] of the forbidden zone ΔE in [illegible] V A Presno. Fiz [illegible] 243-250 F '62.

[illegible] the vibrational frequencies of nitrogen-containing compounds associated with a change in the orbital hybridization of nitrogen in donor-acceptor [illegible] V N Shimorov, D S Bystrov Opt i spektr 12 no 1 66-72 Ja '62

[illegible] of extrinsic photoconductivity of a [illegible] with several types of local levels in the [illegible] I G Pavlenko Fiz tver tela 4 no 2 477-487 F '62

[illegible] fields and deformations of nuclei with the [illegible] of neutrons amounting to N = 82 — 90 V L [illegible] Izv AN SSSR Ser fiz 26 no 1 153-160 Ja '62

[illegible] in crossed magnetic and electric [illegible] I L Buchbinder Fiz tver tela 4 no 2 558-560 F '62

[illegible] of nuclear levels of copper, germanium, [illegible], and palladium isotopes K I [illegible] L P Lemberg Izv AN SSSR Ser. fiz 26 [illegible] F '62

[illegible] excitation of the 0^+ level in Ge^{70} R F Gantsevich, I Kh Lemberg Izv AN SSSR Ser [illegible] 2 212-214 F '62

[illegible] excitation spectrum in the superconduction [illegible] F R Vekilekov Dokl AN SSSR 142 no 6 [illegible] F '62

[illegible] effect in the excitation of 2_s and 2_p levels of [illegible] electrons R K Peterkop Opt i spektr 12 no 1 143-147 Ja '62

Excitation of collective nuclear levels in heavy μ-mesic atoms [with summary in English] D F Zaretskii, V. M Novikov Zhur eksp i teor fiz 42 no 2 511-519 F '62

Excited states of spatial polymers R Khoffmann [illegible] Mark and Ser 3: Fiz khimiia polimerov 17 no 1 69-77 [illegible] '62.

IArkovoi, O I [Steady state of an axially symmetrical system of charged particles] O statsionarnom sostoianii osesimmetrichnoi sistemy zariazhennykh chastits. Dubna, Ob"edinennyi in-t iadernykh issledovanii, 1962. 19 p. [With summary in English]

Interaction between rotation and spin in diatomic molecules [with summary in English]. I Fovach Opt i spektr. 12 no 1 17-21 Ja '62

Macroscopic renormalization of the energy losses and mass of charged particles in a medium [with summary in English]. V. N. Tsytovich. Zhur. eksp i teor fiz. 42 no 2 457-466 F '62

Multiconfigurational approximation and its convergence A. P. Iutsis and others Opt. i spektr 12 no 2:157-162 F '62.

Probabilities of transitions between the lower levels of the Sn^{117} nucleus. E F. Berlovich and others. Izv. AN SSSR. Ser fiz 26 no. 2 221-226 F '62.

Role of donor-acceptor interaction in the effect exerted by a solvent on the fluorescence spectra of certain anthracene and phthalimide derivatives. A S Cherkasov Opt. i spektr. 12 no 1-73-80 Ja '62

Spectrum of the energy levels of Pb^{205} G. M. Bukat. Izv. AN SSSR. Ser. fiz. 26 no. 2 227-234 F '62.

Statistical theory of many particles D. A Kirzhnits Trudy Fiz inst 16 3-49 '61

Theory of kinetic phenomena when the current carrier mobility is slight M. I. Klinger Dokl AN SSSR 142 no. 5 1065-1068 F '62

Theory of resonance scattering on atomic systems. Part 1. Deduction of general formulae [with summary in English]. M. V Kazarinovskii, A V Stepanov Zhur eksp. i teor fiz. 42 no 2:480-498 F '62

QUARRIES AND QUARRYING
(see also subdivision under Oskol Valley)

Effect of the production of oversized rock in breaking limestones by means of boreholes on the productivity of an excavator and the effective weight of a dump car L L Baron, N F Andrianov Vzryv delo no 47/4 218-222 '61

QUARRIES AND QUARRYING—EQUIPMENT AND SUPPLIES see subdivision under Armenia

QUARTZ
(see also subdivision under Kazakhstan, Kolyma Valley, Pechenga District, Tarbagatay Range; Tien Shan, Transbaikalia, Tulun region, Ural Mountain region, Yana Valley)

Geological, mineralogical, and X-ray study of quartz tectonites M. P Volarovich, N. E Galdin, K. F. Gusev Zap Vses min ob-va 90 no 6 660-672 '61

Piezoelectric effect of pegmatite and quartz veins M P Volarovich, G A Sobolev, E. I Parkhomenko Izv AN SSSR Ser geofiz no 2 145-152 F '62

Using rock crystal and its analogues for primitive implements V. F. Petrunt Sov arkheol 6 no 1 36-13 '62

QUARTZ—OPTICAL PROPERTIES

Circular quartz polarizers B. N Grechushnikov Opt i spektr 12 no 1:134-135 Ja '62

One characteristic of the pleochroism of colored synthetic quartz I I TSinober Kristallografiia 7 no 1 138-139 Ja-F '62

QUARTZ CRYSTALS

Origin of crystal-bearing quartz veins [with summary in English on p. 193] E M. Lazko Min sbor. no 14, 86-104 '60

QUARTZITE see subdivision under Dzhezkazgan District, Kazakhstan

QUAYS see Wharves

QUESTIONS AND ANSWERS, CHILDREN'S see Children's questions and answers

QUEUING THEORY

A problem in the theory of queues [with summary in English]. V. M. IAroshenko. Dop AN URSR no 2 153-156 '62.

QUINALDINE

Quinoline bases of coal tar as a source of raw materials for the production of monomers Report No. 1: Carrying out the reaction of condensation of quinaldine with formaldehyde directly in a narrow fraction of quinoline bases Z. IU. Kokoshko and others Plast. massy no. 2: 51-54 '62

QUINCE

Hybrid of apple and quince S. S. Kalmykov. Priroda 51 no 2,121-122 F '62

QUINCKE'S DISEASE see Angioneurotic edema

QUINOLINE

Condensation of 8-caffeine aldehyde with iodoalkylates of pyridine and quinoline bases B. P. Lugovkin Zhur ob khim 32 no 2 452-454 F '62.

Heterocyclic analogs of corticosteroids. Report No 1 Syntheses based on 1, 2-dimethyl-4-oxo-decahydroquinoline A A Akhrem, L I. Ukhova, N. F. Uskova. Izv AN SSSR Otd khim. nauk no. 2 304-309 F '62

Mechanism of the complexing reactions between ions of some bivalent metals and 8-hydroxyquinoline azo derivatives A. I. Cherkesov Dokl AN SSSR 142 no 5: 1098-1100 F '62

Treatment of chronic lupus erythematosus with resochin in combination with pathogenic and reborant substances. M. I. Pollov and others. Sov med 25 no 12,100-102 D '61

RABBIT FUR see subdivision under Ukraine

RABIES

Diagnosis and epizootology of rabies. M. V. Vanenkov, B. L. Desiatnikov Veterinariia 39 no. 1:23-24 Ja '62

RACE DISCRIMINATION
(see also subdivision under South Africa, Republic of)

Racism is the ideology of slaveholders. A. Demichenko Otv. na vop. trud. no. 8:43-47 Ag '61.

RACHMANINOFF, SERGEI VLADIMIROVICH, 1873-1943

S. V. Rachmaninoff's principles of fingering. IU. V. Ponizovkin. Trudy Gos. muz.-ped. inst. no. 2:179-195 '61.

Solovtsov, A. A. [Piano concertos of Rachmaninoff] Fortep'iannye kontserty Rakhmaninova. Izd. 2., perer. Moskva, Gos. muzykal'noe izd-vo, 1961. 87 p. (Biblioteka slushatelia kontsertov)

RACING AUTOMOBILES see Automobiles, Racing

RADAR

Analyzer of the distribution density of the probabilities of random processes [with summary in English] I. I. Borbatov, R. I Stakhovskii Avtom i telem [illegible] 160-175 F '62

Malyshkin, E.A. [Passive radar] Passivnaia radiolokatsiia, Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 66 p. (Radiolokatsionnaia tekhnika)

Vinitskii, A. S. [Fundamentals of continuous-wave radar] Ocherki osnov radiolokatsii pri nepreryvnom izluchenii radiovoln Moskva, Izd-vo "Sovetskoe radio," 1961. 494 p.

Vlasov, V. I., and IA. I. Berman. [Design of the high frequency units of radar stations] Proektirovanie vysokochastotnykh uzlov radiolokatsionnykh stantsii Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl. 1961. 350 p.

RADAR, MILITARY

The banner of Moscow for the winners of the competition E. A. Gulnik Vest protivovozd. obor no 10 [illegible] '61

In training it is as it was in combat. M. N. Mikheev. Vest. protivovozd. obor. no. 10 65-67 O '61

RADAR METEOROLOGY

Some data on the structure and development of thunderstorm showers based on radar observations. M. F. Markovich, V. M. Markovich, V. M. Muchnik, I. S. Sirotiuk. Trudy TSAO NIGMI no 26 17-27 '61

Some problems in radar measurement of precipitation V. M. Muchnik Trudy TSAO NIGMI no 26 14-16 '61

RADAR OPERATORS

A pennant for the operators. R. Khalilov. Starshi [illegible] no 9:15 S '61

RADDUSA—HAUERITE

Thermal study of hauerite [with summary in English on pp. 495-496]. A. A Nyrkov Min sbor. no 14 [illegible] 366 '60.

RADIATION

Discovery of an inner radiation belt at an altitude of 320 km, in the region of the South Atlantic magnetic anomaly. S. N. Vernov and others. Dokl. AN [illegible] no. 5 1041-1044 O '61

γ-Radiolysis of hexane in the presence of small amounts of benzene. L. S. Polak and others. Neftekhimiia 1 no 5:695-699 S-O '61.

Passage of radiation through slits V. N Mironov Atom. energ. 12 no 3 211-215 Mr '62

Polarization of transient radiation in the case of an inclined entrance. Izv. AN Arm. SSR, Ser. fiz.-mat. nauk 15 no. 1:115-121 '62

Radiation of charged faster-than-light particles and its use in the physics of high energy particles P. A. Cherenkov. Izv AN SSSR Ser. fiz 26 no 1 113-120 Ja '62

Radiolysis of alkanes adsorbed on semiconductor catalysts A V Topchiev and others Neftekhimiia 1 no 1 105-116 Ja-F '61

Relation between absorption and the power of external radiation. P. A. Apanasevich Dokl AN BSSR 6 no 2 94-96 F '62.

Some radiation characteristics of the charge in a dielectric medium Ch. M Garibian Dokl AN Arm SSR [illegible] 193-198 '61

Theory of transition radiation [with summary in English] A. Kaner, V. M. IAkovenko. Zhur. eksp i teor. fiz 42 no. 2:471-478 F '62.

Transient radiation from periodically successive bunches of charged particles. A T'S Amatuni Izv AN Arm. SSR, Ser fiz.-mat. nauk 15 no. 1:109-114 '62.

Using radioisotopes and nuclear radiation in some branches of the national economy of the R. S. F. S. R S. D. Panov Biul tekh.-ekon inform no 1:75 40 [illegible]

RADIATION—CONGRESSES

Symposium on Radiation, held in Vienna on August 14-19, 1961. K. IA. Kondrat'ev Usp fiz nauk 76 no. 1,171-179 Ja '62

RADIATION—DOSAGE

Gusev, N. G. [Maximum permissible levels of ionizing radiation] O predel'no dopustimykh urovniakh ionizi-ruiushchikh izluchenii. Moskva, Medgiz, 1961. 109 p.

[Practical work in general biophysics in eight parts] Praktikum po obshchei biofizike v vos'mi vypuskakh Pod obshchei red. B. N. Tarusova. Moskva, Gos. izd-vo "Vysshaia shkola."

No. 5. Khomeziuk, V. G. [Dosimetry of ionizing radiations] Dozimetriia ionizirui-ushchikh izluchenii. 1961. 243 p.

[MICROFILM]

RADIATION—MEASUREMENT

Krongauz, A. N., ed. [Practical work on dosimetric devices for roentgen and nuclear radiation] Prakticheskie po dozimetricheskim priboram dlia rentgenovskogo i iadernykh izluchenii. [By] M. Sh. Vainberg i dr. Moskva, Medgiz, 1961. 188 p.
(DNLM)

Tenenbaum, I. M. [Principles of radiation measurement in mines] Osnovy radiometrii radiometrii R. Moskva, Gos. izd-vo lit-ry v oblasti atomnoi nauki i tekhn., 1961. 143 p.

RADIATION—PHYSIOLOGICAL EFFECT

Akademiia nauk SSSR, Otdelenie biologicheskikh nauk. [Radiation genetics] Radiotsionnaia genetika; sbornik rabot. Moskva, Izd-vo Akad. nauk SSSR. 1962. 367 p.

Changes in the carbohydrate and energy metabolism of the central nervous system resulting from X irradiation and gamma irradiation by Co^{60}. L. S. Cherkasova. Radiobiologiia 1 no. 6 919-925 '61.

Concentration of adrenaline and its oxidation products in tissues of blood vessels of guinea pigs exposed to ionizing radiation. L. I. Polikarpova. Radiobiologiia 1 no. 5:899-902 '61.

Controversial problems on the biological action of penetrating radiation [with summary in English]. R. Gerke. Izv. AN Latv. SSR no. 11 107-112 '61.

Data on the characteristics of the functional condition of the higher segments of the central nervous system in persons exposed to a prolonged contact with ionizing radiations [with summary in English]. V. M. Zvorykin. Zhur. vys. nerv. deiat. 11 no. 4:609-614 Jl-Ag '61.

Effect of X-ray radiation on the renewal rate of lipides and cholesterol in the liver of rats [with summary in English]. M. F. Vinogradova. Vest. LGU 17 no. 9: 102-113 '62.

Histochemical investigation of the polysaccharide content of the skin during the healing of acute radiation necrosis. L. A. Afanasova. Dokl. AN SSSR 140 no. 5:1181-1184 O '61.

Indices of the variability of serum proteins under the action of ionizing radiation. I. K. Gul'mirzaeva. Med. zhur. Uzb. no. 9:30-35 My '60.

Influence of ionizing radiations on the nervous system. I. S. Glazunov. Zhur. nevr. i psikh. 61 no. 6 944-946 '61.

Influence of the administration of bone marrow and spleen homogenates on the effectiveness of seroprophylaxis in tetanus intoxication in irradiated mice [with summary in English]. D. R. Kaulen. Zhur. mikrobiol., epid. i immun. 32 no. 9:64-69 S '61.

Influence of the bone marrow on artificial immunity in irradiated animals [with summary in English]. M. A. Tumanian, A. V. Izvekova. Zhur. mikrobiol., epid. i immun. 32 no. 9:58-64 S '61.

Morphology of calluses in experimental fractures at different periods following general roentgen irradiation. F. M. Golub, A. I. Butina. Med. zhur. Uzb. no. 12:53-55 D '61.

Reproduction of some symptoms of radiation sickness in dogs exposed earlier to the effect of X rays as shown by indexes of change in the complex conditioned reflex motor activity [with summary in English]. O. N. Voevodina. Zhur. vys. nerv. deiat. 11 no. 4:674-679 Jl-Ag '61.

Specific changes in the antigenic properties of tissues caused by ionizing radiation. A. G. Sverdlov. Radiobiologiia 1 no. 6:905-906 '61.

RADIATION COUNTERS see Nuclear counters

RADIATION PROTECTION

Effect of cystamine on endogenous tissue respiration. S. P. Arutiunenko. Radiobiologiia 1 no. 6:903-904 '61.

Some data on the protection of the organism from the effect of ionizing radiation during its antenatal development. N. A. Kalinina. Radiobiologiia 1 no. 6:958-962 '61.

State of cell division and nucleic acid metabolism in the mucosa of the small intestine during the action of radioprotective substances on the organism. L. F. Semenov and others. Radiobiologiia 1 no. 6:953-957 '61.

RADIATION SICKNESS

Activity of acetylcholinesterase and histopathology of lymphadenoid tissues in acute radiation sickness. L. S. Gavrilenko. Radiobiologiia 1 no. 6:861-865 '61.

Changes in the water and salt metabolism of dogs exposed to radioactive substances. Z. I. Polubotarinova. Radiobiologiia 1 no. 6:868-873 '61.

Closure of a penetrating defect of the stomach wall by means of a homotransplant in experimental radiation sickness. N. V. Stankevich. Zdrav. Bel. 7 no. 8:30-35 Ag '61.

Function of the adrenal cortex in dogs after acute radiation sickness. E. N. Antipenko. Radiobiologiia 1 no. 6: 926-932 '61.

Funshtein, L. V. [Atlas of the patological anatomy of acute experimental radiation sickness] Atlas patologicheskoi anatomii ostroi luchevoi bolezni v eksperimente. [Leningrad] Medgiz, 1961. 216 p. (DNLM)

Gunshot fractures of the hip in irradiated animals treated by metallic osteosynthesis without the use of antibiotics [with summary in English]. L. M. Kotel'nikov, V. S. Tarusov. Ortop. pat. no. 2:65-70 '62.

Intensity of phospholipid methabolism in the central nervous system of rats during acute radiation sickness. S. V. Gasteva, D. A. Chetverikov. Dokl. AN SSSR 142 no. 5:1180-1183 F '62.

Radiation cataract and its treatment. M. IA. Fradkin. Vest. rent. i rad. 36 no. 4,33-35 Jl-Ag '61.

Role of subcortical formations in the bioelectric reactions of the cerebral cortex during acute radiation sickness. G. V. Izosimov. Radiobiologiia 1 no. 6:946-952 '61.

Role of toxic factors in the pathogenesis of radiation sickness. L. A. Buldakov, A. V. Lebedinskii, A. S. Petrova. Radiobiologiia 1 no. 6,851-855 '61.

Some characteristics of the regeneration of a nerve trunk in a biotron ward following acute radiation sickness [with summary in English]. D. I. Proniv. Vrach. delo no. 1 76-85 Ja '62.

Transplantation of bone marrow in radiation sickness in animals. A. T. Sosnovskii, M. A. Kuntsevich, N. K. Kasperovich. Zdrav. Bel. 7 no. 8:35-36 Ag '61.

RADIATION SICKNESS—CONGRESSES

Second Scientific Conference on the problem, "Restorative and compensatory processes in radiation sickness." V. V. Petelina. Vest. AMN SSSR 16 no. 11 88-93 '61.

RADIATION STERILIZATION

Food products subjected to ionizing radiation for their preservation and the problems of their hygienic value. IU. I. Shillinger. Vop. pit. 21 no. 1 54-61 Ja-F '62.

Hygienic characteristics of some food products sterilized with gamma rays [with summary in English]. G. I. Bondarov. Vop. pit. 21 no. 1 61-64 Ja-F '62.

RADICALS (CHEMISTRY)

Characteristic behavior of organoboron esters reacting with fluoroalkylaryl radicals. V. F. Gridina, A. L. Klebanskii, V. A. Bartashev. Zhur. ob. khim. 32 no. 1 323 Ja '62.

Effect of substances inhibiting free-radical reactions on the activity of enzymes of the succinic oxidase system. I. I. Pelevina, L. P. Lipchina. Dokl. AN SSSR 140 no. 5:1199-1200 O '61.

Electron paramagnetic resonance studies of the dissociation of di-(2, 4, 6-triphenyl)phenyl peroxide and di-(2, 4, 6-triphenyl)phenyldiselenide to free radicals. B. A. Arbuzov and others. Izv. AN SSSR Otd. khim. nauk no. 2 360-362 F '62.

Free radicals of the hydrazine series. Part 6. Synthesis and properties of α-phenyl-α-fluorenyl-β-picrylhydrazyl. R. O. Matevosian, A. K. Chirkov. Zhur. ob. khim. 32 no. 1 245-250 Ja '62.

Free radicals of the hydrazine series. Part 7. Synthesis of α-(4-methoxyphenyl)-α-phenyl-β-picrylhydrazyl, α-(4-methoxybiphenyl)-α-phenyl-β-picrylhydrazyl, and study of their chemical and physical properties. R. O. Matevosian, A. K. Chirkov. Zhur. ob. khim. 32 no. 1 251-256 Ja '62.

Radical halogenation of isoxazoles. N. K. Kochetkov, S. D. Sokolov, N. M. Vagurtova. Zhur. ob. khim. 32 no. 1 325-326 Ja '62.

Study of elementary reactions involved in the detachment of a tritium atom from pentatricontane-1-tit by free cyclohexyl and heptyl radicals in the liquid phase. I. V. Berezin, Go Chu. Dokl. AN SSSR 142 no. 2:383-386 Ja '62.

Transisomerization of dimethyl maleate under the influence of free radicals. E. B. Milovskaia, O. V. Sokolova, B. L. Erusalimskii. Zhur. ob. khim. 32 no. 2, 621-626 F '62.

RADICALS (CHEMISTRY)—SPECTRA

Biradical paradox. A. I. Burshtein, IU. I. Naberukhin. Dokl. AN SSSR 140 no. 5:1106-1109 O '61.

Detection of HO_2 radicals by means of electron paramagnetic resonance. L. I. Avramenko, R. V. Kolesnikova. Dokl. AN SSSR 140 no. 5:1100-1101 O '61.

Electron paramagnetic resonance method used in studying the mechanism of radiation oxidation and reduction. V. A. Latin, A. D. Grishina, N. A. Bakh. Dokl. AN SSSR 142 no. 4:847-850 F '62.

RADIO

Dreizen, I. G. [Electroacoustics and sound broadcasting] Elektroakustika i zvukovoe veshchanie. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1961. 543 p.

Druzhin, L. A., and V. G. Litvinenko. [Radio electronics and flights into outer space] Poloty v kosmos i radioelektronika. Moskva, Izd-vo "Znanie," 1962, 45 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 9, Fizika i khimiia, no. 24)

[Radio engineering abroad.] Zarub. radioelek. 17 no. 2 F '62.

Reaction of an inertial system to the zero beat. M. I. Dorman. Radiotekhnika 17 no. 1:13-21 Ja '62.

Smirnov, B. V. [Handbook for beginning electricians on rural wire broadcasting and communications] Spravochnik molodogo elektromekhanika po sel'skoi sviazi i radiofikatsii. Moskva, Vses. uchebno-pedagog. izd-vo Profizdat, 1961. 431 p.

Study of the locking performance of a tracking automatic selector. S. V. Pervachev. Radiotekhnika 17 no. 2: 51-56 F '62.

Svetlov, P. V., and V. I. Nilov. [Methods for quartz crystal stabilization of a frequency band] Metody kvartsevoi stabilizatsii v diapozone chastot. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1961. 225 p.

Turbovich, I. T. [Method of proximity systems and its use in radio engineering for establishing procedures in designing linear and nonlinear systems] Metod blizkikh sistem i ego primenenie dlia sozdaniia inzhenernykh metodov rascheta lineinykh i nelineinykh radiotekhnicheskikh sistem. Moskva, Izd-vo Akad. nauk SSSR, 1961. 260 p.

Zaezdnyi, A. M. [Harmonics synthesis in radio engineering and electrical communications] Garmonicheskii sintez v radiotekhnike i elektrosviazi. Moskva, Gos. energ. izd-vo, 1961. 535 p.

RADIO—ABSTRACTS

[Automatic control and radio engineering.] Ref. zhur.: Avtom. i radioelektr., no. 1 J '62.

RADIO—ANTENNAS

Sokolov, A. G. [Transmission line towers] Opory linii peredach, raschet i konstruirovanie. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 170 p.

RADIO—BIBLIOGRAPHY see Bibliography—Radio

RADIO—EQUIPMENT AND SUPPLIES

Beauty contest. Tekh. mol. 30 no. 1 30-31 '62.

Correspondence radio society. M. Rumiantsev. IUn. tekh. 6 no. 1 38-42 Ja '62.

Troshanov, N. A. [Radio equipment using traveling wave tubes] Radioapparatura na lampakh begushchei volny. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1961. 218 p.

RADIO—INTERFERENCE

Calculation of the permissible magnitude of interference in multichannel radio relay systems. S. V. Borodich. Elektrosviaz' 16 no. 1 13-24 Ja '62.

Decrease in the mutual interference between radio communication channels transmitting random sequence signals. M. S. Gurevich. Radiotekhnika 17 no. 3 3-9 Mr '62.

Filtration of discrete interference using a phase frequency trim system with an RLC filter. V. V. Shakhgil'dian. Elektrosviaz' 16 no. 1 31-39 Ja '62.

Zhondetskaia, O. D., and N. B. Polonskii. [Over-all suppression of industrial radio interference] Kompleksnoe podavlenie radiopomekh ot promyshlennykh predpriiatii. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1961. 55 p.

RADIO—PERIODICALS

"Guide to the periodical 'Radio'." Reviewed by E. Kaplan. IUn. tekh. 6 no. 1 47 Ja '62.

RADIO—RECEIVERS AND RECEPTION

Accumulation of pulse signals in devices with delayed negative feedback and exclusion of the effective time delay. L. A. Moiugin. Radiotekh. i elektron. 7 no. 3: 391-396 Mr '62.

Chistiakov, N. I., ed. [Radio communications and broadcasting] Radiosviaz' i veshchanie. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1961. 503 p.

Comparison of methods for the reception of discrete signals. B. A. Vainshtein. Radiotekhnika 17 no. 2:10-14 F '62.

Concerning the detection of periodic pulse signals in the presence of impulse interference and incoherent accumulation. N. F. Ziuzev. Radiotekh. i elektron. 7 no. 3 386-390 Mr '62.

Distribution of overshoots and fluctuation maxima. V. I. Tikhonov, E. I. Kulikov. Radiotekhnika 17 no. 2, 15-23 F '62.

Gutkin, L. S. [Theory of optimum radio reception methods in the presence of fluctuation noise] Teoriia optimal'nykh metodov radiopriema pri fluktuatsionnykh pomekhakh. Moskva, Gos. energ. izd-vo, 1961. 487 p.

Pocket receiver. A. D. Smirnov. Nauka i zhizn' 28 no. 12:100-101 D '61.

Stability of the superregenerative operation of a receiver with complex circuits. M. E. Gertsenshtein, B. E. Kinber. Radiotekh. i elektron. 7 no. 3 397-403 Mr '62.

RADIO—REPAIRING

Krasheninnikov, S. S. [Methods for detecting faults in a radio receiver] Kak nakhodit' neispravnosti v priemnike. Moskva, Izd-vo DOSAAF, 1961. 39 p.

Warrant Officer Chulitov's probe. L. Voskan'ian. Starsh.-serzh. no. 9:31 S '61.

RADIO—TRANSMITTERS AND TRANSMISSION

Automatic control of the alignment and duty of radio transmitters. Z. M. Salikhov. Izv. AN Uz. SSR. Ser. tekh. nauk 6 no. 1:5-16 '62.

Chistiakov, N. I., ed. [Radio communications and broadcasting] Radiosviaz' i veshchanie. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1961. 503 p.

Contactless automatic audio frequency voltage regulator at the output of a level comparator. B. S. Mints. Vest. sviazi 22 no. 2:7-8 F '62.

RADIO, MILITARY

Company of an honorable radioman. I. Rozhok. Voen. vest. 41 no. 10:96-98 O '61.

Radio operators at the start. T. Kargopolov. Starsh. serzh. no. 10:31 O '61.

Reliable communication. V. Sapunov. Starsh.-serzh. no. 10 14 O '61.

Serve as long as the country needs you. F. Matveichuk. Voen. vest. 41 no. 10:95 O '61.

Sighting device for radio relay stations. V. Rykov. Voen. vest. 41 no. 10, 118-119 O '61.

So a bearing won't be taken on the station. M. Glukhov. Starsh.-serzh. no. 9:17 S '61.

RADIO, SHORTWAVE—TRANSMITTERS AND TRANSMISSION

Improvement of the [illegible] of a shortwave I M radio [illegible] I. P. Dvorkin. Vest. sviazi 22 no. 2 5-7 F '62.

RADIO AMPLIFIERS

[illegible] amplifier. A. S. Fridman. Tekh. i [illegible] no. 2 53-57 F '62.

RADIO ASTRONOMY

[illegible] spiral structure of the Galaxy [with summary in English]. L. L. Genkin. Astron. zhur. 39 no. 1 11-21 Ja-F '62.

[illegible] of the source of Sagittarius-A at the frequency [illegible] sec [with summary in English]. Tsai Kuang-hao [Cai Jung-hao]. Astron. zhur. no. 1 166-[illegible] '62.

[illegible] the slowly varying component of solar radio emission [with summary in English]. V. V. Zheleznia-kov, A. [illegible]. Astron. zhur. 39 no. 1 5-14 Ja-F '62.

Radio [illegible] spectrum of Cassiopeia-A at frequencies [illegible] 30 mc/sec [with summary in English]. S. IA. [illegible] and others. Astron. zhur. 39 no. 1 163-165 Ja-F '62.

Spectra of discrete sources of radio emission observed [illegible] 22-meter PRAO radio telescope [with summary in English]. V. D. Kuz'min. Astron. zhur. 39 no. 1 22-2[illegible] Ja-F '62.

Thermal radio emission of the moon in the centimeter and decimeter range and some characteristics of the lunar surface layer [with summary in English]. A. E. Salomonovich. Astron. zhur. 39 no. 1, 79-86 Ja-F '62.

RADIO CIRCUITS

Vernik, V. V. [Amateur radio designs] Radioliubitel'skie konstruktsii [Novosibirsk] Novosibirskoe knizhnoe izd-vo, 1961. 133 p.

RADIO DIRECTION FINDERS

Three-coil semiconductor phase sensitive radio direction finders. V. V. TSvetnov. Radiotekhnika 17 no. 3 48-60 Mr '62.

RADIO FILTERS

Filtration of discrete interference using a phase frequency trim system with an RLC filter. V. V. Shakhgil'dian. Elektrosviaz' 16 no. 1 34-39 Ja '62.

Synthesis of low-frequency filters with given phase characteristics. I. I. Teplenov. Elektrosviaz' 16 no. 1 53-61 Ja '62.

RADIO IN AGRICULTURE

Radio and electronics in agriculture. B. V. Smirnov. Mekh. i elek. sots. sel'khoz. 20 no. 1:31-33 '62.

RADIO IN NAVIGATION

Determination of a ship's position by radio bearings. F. G. Gro. Mor. flot 22 no. 3 16-17 Mr '62.

Threshold sensitivity of ideal phase measuring members. V. V. Tsvetnov. Radiotekhnika 17 no. 1:68-75 Ja '62.

RADIO INDUSTRY see subdivision under Latvia

RADIO LINES

Attenuation of low-frequency interference during the transmission of video signals via coaxial lines. IU. S. Milevskii. Elektrosviaz' 16 no. 1 45-49 Ja '62.

Input resistance of tapered transitions. L. R. IAvich. Radiotekhnika 17 no. 3 22-25 Mr '62.

Power dissipation in a coaxial load with an external cylindrical conductor. T. L. Zalutskaia, L. E. Pecherei. Trudy inst. Kom. stand., mer. i izm. prib. no. 53 5-9 '61.

Znamenskii, A. E. [Controlled artificial lines] Reguliruemye iskusstvennye linii. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1961. 51 p. (Lektsii po tekhnike sviazi)

RADIO MEASUREMENTS

Error of a voltage harmonics analysis method realized by using a measuring receiver with a diode mixer. M. M. Levin. Trudy inst. Kom. stand., mer. i izm. prib. no. 53 121-125 '61.

TSentral'naia stantsiia iunykh tekhnikov, Moscow. [Heterodyne resonance indicator] Geterodinnyi indikator rezonansa [Moskva] Izd-vo "Detskii mir," 1962. 1 fold. l. (Prilozhenie k zhurnalu "IUnyi tekhnik," no. 6(120))

RADIO OPERATORS—DISEASES AND HYGIENE

Work conditions of radio operators on Baltic Sea steamships. N. B. Gorgonosova, S. B. Laskin. Gig. truda i prof. zab. 6 no. 1:49-51 Ja '62.

RADIO RELAY SYSTEMS

Calculation of the permissible magnitude of interference in multichannel radio relay systems. S. V. Borodich. Elektrosviaz' 16 no. 1:13-24 Ja '62.

RADIO WAVES

Auroras and abnormal absorption of type III radio waves. IA. L. Feldshtein. Geomag. i aer. 1 no. 6 939-941 N-D '61.

Effect of the transfer of nonhomogeneities in space on the fluctuation of radio waves in a turbulent medium. A. V. Men'. Radiotekh. i elektron. 7 no. 3:368-374 Mr '62.

RADIO WAVES—SPECTRA

Use of an "active" analysis method for decreasing the analysis time of the discrete spectra of radio signals. I. M. Zhlobinskii, L. G. Sedin. Radiotekhnika 17 no. 2: 71-80 F '62.

RADIOACTIVE PROSPECTING

Gamma-ray logging at coal deposits. M. V. Burdukov. Sbor. nauch. trud. KazGMI no. 18 105-117 '59.

Syromiatnikov, N. G. [Migration of uranium, radium, and thorium isotopes and interpretation of radioactive anomalies] Migratsiia izotopov urana, radiia i toriia i interpretatsiia radioaktivnykh anomalii. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1961. 77 p.

Using radioactive logging methods in studying coal-bearing formations as revealed by the Lvov-Volyn' Basin. IE. I. Dem'ianovs'ka. Geol. zhur. 21 no. 6:66-73 '61.

RADIOACTIVE SUBSTANCES
(see also subdivision under Don River)

Spatial distribution in water of multiply scattered γ-quanta from monodirectional Au^{198}, Co^{60}, and Na^{24} sources. V. I. Kukhtevich, B. P. Shemetenko. Atom. energ. 12 no. 3 201-210 Mr '62.

RADIOACTIVE SUBSTANCES—INDUSTRIAL APPLICATIONS

Use of radioactive isotopes in studying the wear resistance of crank shafts. M. M. Krasnoshchekov, B. P. Pakhomov, F. A. Markovskii. Trakt. i sel'khozmash. 32 no. 2:36-38 F '62.

RADIOACTIVE SUBSTANCES—PHYSIOLOGICAL EFFECT

Moistening the seeds with radioactive mineral waters before planting. P. L. Zagruznyi. Zemledelie 24 no. 1, 65-68 Ja '62.

RADIOACTIVE TRACERS

Characteristics of the behavior of Ca^{45}, Sr^{90}, Ce^{144}, and Cs^{137} in the fish organism and methods for radioactive tagging of young fish [with summary in English on pages 271-272]. N. P. Rudakov. Izv. GosNIORKH 51:165-254 '61.

RADIOACTIVITY

Underwater radioactivity spectrum (from "Nature," vol. 188, no. 4747, 1960). Okeanologiia 2 no. 1 190 '62.

RADIOACTIVITY—INDUSTRIAL APPLICATIONS

IAnushkovskii, V. A. [Use of radioactive radiation in industry] Primenenie radioaktivnykh izluchenii v promyshlennosti. Riga, Izd-vo Akad. nauk Latviiskoi SSR, 1957. 104 p.

RADIOACTIVITY—JUVENILE LITERATURE

Nuclear technology for peaceful uses. IUn. tekh. 6 no. 2:7-12 '62.

The peaceful "profession" of the atom. M. Dmitriev. IUn. tekh. 6 no. 2:7-12 '62.

RADIOACTIVITY—SAFETY MEASURES

In the sector of "contamination." F. Semianovskii. Starsh. -serzh. no. 10-20 O '61.

RADIOBIOLOGICAL RESEARCH

Development of radiobiological research in the Institute of Experimental Medicine of the Academy of Medical Sciences of the U.S.S.R. V. P. Mikhailov. Vest. AMN SSSR 16 no. 11-21-25 '61.

RADIOBIOLOGY—CONGRESSES

Problems concerning the effect of small doses of ionizing radiation on physiological functions; materials of the conference held on May 22-24, 1961 at the Academy of Sciences of the U.S.S.R. in Moscow. IU. G. Grigor'ev. Radiobiologiia 1 no. 6:966-968 '61.

Work of the radiobiological section of the First Biophysical Congress. A. M. Kuzin. Radiobiologiia 1 no. 6:968-969 '61.

RADIOBROADCASTING

Genzel', G. S. [Abstract of lectures from a course on radiobroadcasting and acoustics] Konspekt lektsii po kursu radioveshchanie i akustika; uchebnoe posobie dlia studentov. Leningrad, Leningr. elektrotekhn. in-t sviazi im. M. A. Bonch-Bruevicha.
No. 1, 1961. 47 p.

RADIOCHEMISTRY

Electron paramagnetic resonance method used in studying the mechanism of radiation oxidation and reduction. V. A. Larin, A. D. Grishina, N. A. Bakh. Dokl. AN SSSR 142 no. 4 847-850 F '62.

Radiochemical conversions of organic compounds. Report No. 6: Oxidation of propylene by oxygen under the action of fast electrons. B. M. Mikhailov, V. G. Kiselev. Neftekhimiia 1 no. 2:267-273 Mr-Ap '61.

RADIOCHEMISTRY—CONGRESSES

Second All-Union Conference on Radiation Chemistry. N. IA. Cherniak. Neftekhimiia 1 no. 1:121-123 Ja-F '61.

RADIODIAGNOSIS see Diagnosis, Radioscopic

RADIOGRAPHY

"Bases of X-ray technic" by V. V. Dmokhovskii. Reviewed by S. M. Stepanov and A. Z. Shvartsman. Vest. rent. i rad. 36 no. 6 86-88 N-D '61.

Calculating the qualitative indices for work in X-ray clinics. P. D. Fedotov. Vest. rent. i rad. 36 no. 6 82-83 N-D '61.

Labeling of X-ray pictures. S. A. Sedov. Vest. rent. i rad. 36 no. 6 11 N-D '61.

"Medical x-ray technic" [in German] by Herbert [illegible]. Reviewed by A. IA. Katsman. Vest. rent. i rad. 36 no. 6 84-85 N-D '61.

[Practical work in general biophysics in eight parts] Praktikum po obshchei biofizike v vos'mi chastiakh. Pod obshchei red. B. N. Tarusova. Moskva, Gos. izd-vo "Vysshaia shkola."
No. 5. Khomaziuk, V. G. [Dosimetry of ionizing radiations] Dozimetriia ionizirovannykh izluchenii. 1961. 243 p.
[MICROFILM]

"Stratigraphy in the pathology of the mediastinum" [in Italian], by G. L. Reale and others. Reviewed by G. A. Zedgenidze. Vest. rent. i rad. 36 no. 4 88-90 Jl-Ag '61.

RADIOGRAPHY—EQUIPMENT AND SUPPLIES

Addition to the URRd-110 apparatus for U. N. Pokatilo's X-ray function test. O. P. Brodskii. Vest. rent. i rad. 36 no. 6 41-42 N-D '61.

Device for X-ray examination of the foot and the ankle joint in standard conditions. V. R. Kochmarev. Vest. rent. i rad. 36 no. 6 13-14 N-D '61.

Mobile fluorographic unit. M. Vurst. Vest. rent. i rad. 36 no. 6 39-40 N-D '61.

Use of M. S. Ovsishchikov's large-frame long fluorograms in the diagnosis of diseases of the bones and joints. F. F. Konig. Vest. rent. i rad. 36 no. 4 72-73 Jl-Ag '61.

RADIOGRAPHY—TERMINOLOGY

Some considerations of our roentgenological terminology [with summary in English]. S. A. Reinberg. Vest. rent. i rad. 36 no. 6 9-11 N-D '61.

RADIOISOTOPES

Collective levels and deformations of nuclei with the number of neutrons amounting to N = 82 ÷ 90. V. I. Popov. Izv. AN SSSR, Ser. fiz. 26 no. 6 751-760 Je '62.

Coulomb excitation of nuclear levels of copper, germanium, molybdenum, and palladium isotopes. K. I. Erokhina, I. Kh. Lemberg. Izv. AN SSSR, Ser. fiz. 26 no. 2 205-211 F '62.

Mobility of Sb, Fe, Co in solid copper. P. F. Kuz'micheva, L. F. Ostrovskii, V. S. Koval'chuk. Fiz. tver. tela 4 no. 2 490-493 F '62.

Stability of the coefficients of strontium-90, yttrium-91, and cerium-144 accumulation in marine algae. G. G. Polikarpov. Dokl. AN SSSR 140 no. 5:1193-1194 O '61.

Study of some radioactive nuclei in the region of the filled $1f_{7/2}$ shell [with summary in English]. K. A. Baskova and others. Zhur. eksp. i teor. fiz. 42 no. 2: 418-424 F '62.

Use of radioactive isotopes in mineralogy. IA. N. Zav'ialov. Sov. geol. 4 no. 12:131-132 D '61.

RADIOISOTOPES—ANALYSIS

Determination of arsenic, phosphorus, and sulfur in beryllium oxide by radioactivation analysis [with summary in English]. L. M. Mikheeva, I. Vikhlii[illegible]. Zhur. analit. khim. 17 no. 1:84-86 Ja-F '62.

RADIOISOTOPES—INDUSTRIAL APPLICATIONS

Analysis of the results of using radioactive isotopes to establish the hydrodynamic connection between separate intervals of the productive formation of the Kuraba-Achaluki field. E. V. Sokolovskii. Trudy Giprogrii no. 10:60-67 '61.

"Application of radioactive isotopes in the automatic control of coal mining operations" by V. O. Segalin. Reviewed by N. V. Mel'nikov and others. Ugol' 37 no. 1 60-61 F '62.

Conference on the application of radioactive isotopes in coal and mineral mining industries. V. O. Segalin. Ugol' 37 no. 3:65 Mr '62.

Second Leningrad Conference on the Use of Radioisotopes in the Coal and Ore Mining Industries. M. L. Cherdantsev. Atom. energ. 12 no. 3:254-256 Mr '62.

Studying the completeness of the concentration of minor components in natural waters by means of radioactive isotopes. I. IU. Sokolov, V. A. Polikarov, V. V. Lunin-kov. Vop. gidrogeol. i inzh. geol. no. 10:183-188 '62.

Use of radioactive isotopes in studying the reaction of flotation reagents with coals. V. I. Klassen, V. A. Nevskaia, N. S. Vinsova. Ugol' 36 no. 7:41-44 Jl '61.

Using radioactive isotopes in studying the wear of rock-cutting tools. M. I. Smorodinov. [Trudy] NIIOGP no. 41:33-51 '59.

Using radioisotopes and nuclear radiation in some branches of the national economy of the R. S. F. S. R. S. D. Panov. Biul. tekh.-ekon. inform. no. 1:35-40 '62.

Using radioisotopes in investigating the effect of foaming conditions on the quality of steel castings. G. I. Fuks. Konstr. i tekh. mash. no. 1:110-114 '61.

Using radioisotopes in investigating the wear of metal-cutting tools. G. I. Krasko. Stan. i instr. 33 no. 3: 23-26 Mr '62.

RADIOISOTOPES—INDUSTRIAL APPLICATIONS—CONGRESSES

Seminar on the use of radioisotope devices for the control and automation of technological processes in industry. Atom energ. 12 no 3 256-258 Mr '62

RADIOISOTOPES—PHYSIOLOGICAL EFFECT

Lebedinskii, A. V., and IU. I. Moskalev, eds. [Distribution, biological activity and migration of radioactive isotopes] Raspredelenie, biologicheskoe deistvie i migratsiia radioaktivnykh izotopov. Moskva, Medgiz, 1961. 342 p.

RADIOISOTOPES—SPECTRA

Energy spectra observed in the passage of beta radiation through various substances. G. A. Volkov, G. R. Rik. Dokl. AN SSSR 140 no. 5:1045-1047 O '61

RADIOLOGISTS see subdivision under Yalta

RADIOLOGISTS—CONGRESSES

First All-Russian Congress of Roentgenologists and Radiologists. G. Treister. Zdrav Bel. 7 no 12. 64-65 D '61

First All-Russian Congress of Roentgenologists and Radiologists. L. S. Rozenshtraukh, V. M. Bentsianova, N. V. Zubchuk. Vest. rent. i rad 36 no 6 74-82 N-D '61.

RADIOLOGY, MEDICAL
(see also subdivision under Vitebsk)

"Course in medical roentgenology and radiology" by I. A. Shekhter and A. S. Pavlov. Reviewed by M. I. Gol'dshtein, B. S. Berezovskii. Vest. rent. i rad. 36 no. 4 86-89 Jl-Ag '61.

In the subcommittee on roentgenology. Vest. rent. i rad. 36 no. 4:91 Jl-Ag '61.

Reorganization of X-ray stations in roentgeno-radiological departments. I. M. Lakhnich. Vest. rent. i rad 36 no. 4. 86-89 Jl-Ag '61.

RADIOLOGY, MEDICAL—BIBLIOGRAPHY see Bibliography—Radiology, Medical

RADIOMETER

Operators of radiometers on ships. V. Voronetskii Voen. znan. 38 no 3:12-13 Mr '62

RADIOTELEGRAPH

[Frequency telegraphy] Chastotnoe telegrafirovanie. [By] V. A. Dubovik i dr. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1962, 349 p.

Sobolevskii, E. A., and A. D. Ustinov. [Signal distortion in radiotelegraphy] Iskazhenila signalov na radiotelegrafnykh sviaziakh. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1962. 129 p.

RADIOTHERAPY

Case of curing skin cancer of the meatus acusticus externus by radiation using a GUT-CO-20 apparatus(gun), which led to deafness on the ear concerned. S. K. Chengeri. Med. zhur. Uzb. no. 9:62 S '61

Radiotherapy in cancer of the rectum [with summary in English]. E. P. Ivanitskaia, I. B. Kachorovskaia, F. A. Asnis-khantsev. Vest. rent. i rad 36 no. 4 59-66 Jl-Ag '61.

Some problems of modern radiobiology related to radiotherapy of malignant tumors. N. I. Shapiro. Radiobiologiia 1 no. 5: 817-823 '61.

Treatment of erythremia with radioactive phosphate. R. N. Karimova Med. zhur. Uzb. no. 9:65-66 S '61.

RADIOTHERAPY—EQUIPMENT AND SUPPLIES

Rectal measuring and centering device for radiotherapy in cancer of the rectum. M. M. Khrushchev. Vest. rent. i rad 36 no. 6. 42-43 N-D '61.

RADISHCHEV, ALEKSANDR NIKOLAEVICH, 1749-1802

Pini, O. A., comp. [A. N. Radishchev in portraits, pictures, and documents; a manual for teachers] A. N. Radishchev v portretakh, illiustratsiiakh, dokumentakh; posobie dlia uchitelei. Pod red. G. P. Makogonenko. Leningrad, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 376 p.

RADIUM

Radium and thorium content of lavas of the Bezymyannyy Volcano. N. N. Shavrova. Biul. Vulk. sta. no. 31:28-31 '61.

Rapid method for determining the radium A concentration and relations between decay products of radon in the air. IU. T. Kapitanov, A. S. Serdiukova, A. P. Korenkov Izv. vys. ucheb. zav. ;geol i razv. 4 no. 11:108-114 N '61.

RADIUS—FRACTURE

Some data on generative processes in epiphysiolysis of the proximal end of the radius. V. S. Kostrikov. Ortop., travm. i protez. no. 1:59-63 '62.

RADON

The problem of precision in measuring radon in mineral springs. G. V. IAkimov. Trudy NPI 114:3-9 '61.

Rapid method for determining the radium A concentration and relations between decay products of radon in the air. IU. T. Kapitanov, A. S. Serdiukova, A. P. Korenkov. Izv. vys. ucheb. zav. ;geol. i razv. 4 no. 11: 108-114 N '61.

Role of thermal diffusion in the transformation process of radon-bearing waters. M. A. Shurshalina Sov. geol 4 no. 12. 128-131 D '61.

RAIKOV, BORIS EVGEN'EVICH, 1880-

Boris Evgen'evich Raikov's 80th birthday Trudy inst. ist. est i tekh 41,414-422 '61

RAILROAD ENGINEERING

Gorinov, A. V. [Surveying and planning in railroad construction] Izyskaniia i proektirovanie zheleznykh dorog. 4 , perer. izd. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia Vol. 2 1961. 335 p.

RAILROAD ENGINEERING—BIBLIOGRAPHY see Bibliography—Railroad engineering

RAILROADS
(see also subdivision under Fergana)

Answers to readers' questions. Elek. i tepl. tiaga 6 no. 2. 44-45 F '62.

Leningrad. Institut inzhenerov zheleznodorozhnogo transporta. [Struggle of the Communist Party for the development of Soviet railroads] Iz istorii bor'by Kommunisticheskoi partii za razvitie sovetskogo zheleznodorozhnogo transporta. Leningrad, 1960 248 p. (Its Uchenye zapiski kafedry marksizma-leninizma)
(MH)

RAILROADS—BIBLIOGRAPHY see Bibliography—Railroads

RAILROADS—BRAKES

Need for a damping of the emergency braking accelerators of cond. no 270-002 air distributors. A. I. Sadov Elek i tepl tiaga 6 no 2,43 F '62

RAILROADS—BUILDINGS AND STRUCTURES

Improving the living conditions of railroad workers. O. A. Vartanian, P. V. Kolbinskii. Put' i put. khoz. 6 no. 2:35 '62.

We are erecting solid and attractive buildings along the tracks. V. V. Zazhigin. Put' i put. khoz. 6 no. 2:17 '62.

RAILROADS—CARS
(see also subdivision under Czechoslovakia; Minsk; Nizhniy-Tagil; Sverdlovsk Province)

Mobile diesel electric power plant. F. IA. Potapov, G. P. Ponomarev. Elek. i tepl. tiaga 6 no 2 42-43 F '62.

Spread the experience acquired in utilizing the exchange car center. V. Il'in Mor. flot 22 no. 3 7-8 Mr '62.

RAILROADS—CARS—CONSTRUCTION

Characteristics of the changes in the forces and stresses of the car structure due to impacts on the automatic coupler L. N. Nikol'skii, M. A. Ozerov, V. G. Dudenkov. Vest. TSNII MPS 21 no. 1 3-7 '62.

RAILROADS—CONSTRUCTION see subdivision under Siberia

RAILROADS—CROSSINGS

Crossing pavement made with filled reinforced concrete frames. Z. N. Madorskii. Put' i put. khoz. 6 no. 2:24 '62.

RAILROADS—CURVES AND TURNOUTS

Bases of programing the smoothness projection of railroad curves. D. G. Kovtun. Trudy KHIIT no. 41 ;11-26 '61.

RAILROADS—ELECTRIC EQUIPMENT

Power supply to track equipment from the overhead contact network. V. E. Dotsenko. Put' i put. khoz. 6 no. 2 12-13 '62.

Use of the lighting circuit for power supply in machinery. E. P. Murashkin. Put' i put. khoz. 6 no. 2:22 '62.

RAILROADS—ELECTRONIC EQUIPMENT

Korlas, I. I., V. F. Sokolov, and IA. L. Khaikin. [Concise manual for electricians and technicians of railroad radio-communication systems] Kratkii spravochnik dlia elektromekhanikov i monterov poezdnoi i stantsionnoi radiosviazi. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 191 p.

RAILROADS—EMPLOYEES
(see also subdivision under Kharkov)

In the Debri section. G. P. Frolov. Put' i put. khoz. 6 no. 2:20- '62.

Shock worker of communist labor. A. G. Shevelev. Put' i put. khoz. 6 no. 2:46 '62.

Track workers are studying. P. S. Lebedev. Put' i put. khoz. 6 no. 2:25-26 '62.

RAILROADS—EMPLOYEES—LABOR PRODUCTIVITY

Liuttsau, A. G., and others. [On the road of great initiative] Po puti velikogo pochina. [Moskva] Transzheldorizdat, 1961. 75 p.

RAILROADS—EQUIPMENT AND SUPPLIES

Improve the track-measuring truck. V. P. Zoloketskii. Put' i put. khoz. 6 no. 2:45 '62.

New track liner. V. V. Fomin. Put' i put. khoz. 6 no. 2: 43 '62.

Nylon parts. Put' i put. khoz. 6 no. 2:24 '62.

RAILROADS—EQUIPMENT AND SUPPLIES—BIBLIOGRAPHY see Bibliography—Railroads—Equipment and supplies

RAILROADS—FREIGHT
(see also subdivision under Tashkent Province)

Akademiia nauk SSSR, Institut kompleksnykh transportnykh problem. [Scope of the use of railroads and motor vehicles for short-distance freight haulage] Sfery primeneniia zheleznodorozhnogo i avtomobil'nogo transporta pri perevozke gruzov na korotkie rasstoianiia. Moskva, Izd-vo Akad. nauk SSSR, 1961. 197 p.

Ikhno, N. P., M. E. Zyrianov, and G. A. TSirkunov. [Conveying system for the transportation of piece freight] Konveiernaia ustanovka dlia transportirovaniia shtuchnykh gruzov. Minsk, Gos. izd-vo BSSR. Red. proizvodstvennoi lit-ry, 1961. 52 p.

Shafirkin, B. I., and P. E. Naumov. [Planning of freight transportation] Planirovanie gruzovykh perevozok. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 320 p.

RAILROADS—FREIGHT—COLD WEATHER OPERATION

Freezing of bulk freight in transportation S. F. Matalasov. Vest. TSNII MPS 21 no 1 43-49 '62.

RAILROADS—FREIGHT CARS

Nachuchenko, S. F., ed. [Speeding up car turnover] Uskorenie oborota vagona. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 241 p.

RAILROADS—HANDBOOKS, MANUALS, ETC.

Korlas, I. I., V. F. Sokolov, and IA. L. Khaikin. [Concise manual for electricians and technicians of railroad radio-communication systems] Kratkii spravochnik dlia elektromekhanikov i monterov poezdnoi i stantsionnoi radiosviazi. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 191 p.

RAILROADS—HUMP YARDS

"Economics of classification stations and organization of car flows" by P. S. Sokolov Reviewed by E. A. Sotnikov Vest. TSNII MPS 21 no. 1 62-64 '62

RAILROADS—LABOR PRODUCTIVITY

Nikol'skii, A. A., I. E. Dyskin, and M. I. Sokolov. [Winning the high title; work practices of the collective of the route control-interlocking system point of the Chelyabinsk Station of the Southern Urals Railroad] Vysokoe zvanie zavoevano, opyt raboty kollektiva posta marshrutno-releinoi tsentralizatsii stantsii Cheliabinsk IUzhno-Ural'skoi zh.d. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 15 p.

We shall work better and better. N. A. Krasin. Put' i put. khoz. 6 no. 2:7-8 '62.

RAILROADS—MAINTENANCE AND REPAIR
(see also subdivision under Turkmenistan)

A better way to maintain the ballast section. A. I. Kolesnik. Put' i put. khoz. 6 no. 2 16 '62.

Establish more accurate production norms. G. I. Granin, A. T. Gorinov, V. I. Nikitin. Put' i put. khoz. 6 no. 2: 46 '62.

Provide the surveying and planning groups with calculating machines. E. M. Nikulina. Put' i put. khoz. 6 no. 2:45 '62.

Track conditions are excellent in the entire section. V. F. Kubikov. Put' i put. khoz. 6 no. 2:8 '62.

RAILROADS—MANAGEMENT

Aksenov, V. I. [Capacity value of the expansion of tracks on railroad lines and its potentials under the conditions of diesel and electric traction] Emkost' putevogo razvitiia zheleznykh dorog i ee rezervy v usloviiakh teplovoznoi i elektrovoznoi tiagi. Tashkent, 1960, 71 p. (Tashkent, Institut inzhenerov zheleznodozhnogo transporta. Trudy, no. 13)

Eliminate the shortcomings in planning. M. D. Oloviannikov. Put' i put. khoz. 6 no. 2:45 '62.

Indices of locomotive utilization. M. A. Mezentsev. Vest. TSNII MPS 21 no. 1:30-33 '62.

RAILROADS—PRODUCTION STANDARDS

Russia (1923- U. S. S. R.) Glavnoe upravlenie puti i sooruzhenii. Normativno-instruktorskaia stantsiia No. 4. [Standard production norms for operations in the shops of railroad divisions and track machinery points; put into effect simultaneously with the new wage systems for workers] Tipovye normy vyrabotki na raboty masterskikh distantsii puti i putevykh mashinnykh stantsii; vvodiatsia v deistvie odnovremenno s novymi usloviiami oplaty truda rabochikh. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 147 p.

RAILROADS—RAILS

Increasing the strength and service life of welded rails. I. Z. Genkin. Put' i put. khoz. 6 no. 2:27-29 '62.

Method of preventing rail shelling. P. G. Kozlichuk. Put' i put. khoz. 6 no. 2:14-15 '62.

Our experience in laying welded rail lengths. P. I. Znamenskii. Put' i put. khoz. 6 no. 2:2-4 '62.

RAILROADS—RAILS (Continued)
Rolling of 12-24 rail at the ... mill F. F. ... Put' i put. khoz. 6 no.3:5 Mr '62
... of the ... of the ... on the ... M. P. Bleikh. Vest. TSNII MPS 21 no. ... '62
RAILROADS—RAILS—WELDING
... (see also subdivision under Japan). I. G. Zaporozets. Put' i put. khoz. 6 no.2:10 '62
RAILROAD ... SHOPS see subdivision under City.
RAILROAD ... ROLLING STOCK see subdivision under War
RAILROADS—SAFETY MEASURES
... safety factors. A. I. Vasilyukhno. Put' i put. khoz. 6 no.2:46 '62.
RAILROADS—SALARIES, PENSIONS, ETC.
... supplements to the regulation ... of the State Committee ... Council of Ministers of the U.S.S.R. on problems ... and the Secretariat of the All-Union Central Council of Trade Unions "Wages for ... operations." Bul. ... no.9:6 '61
RAILROAD SIGNALING see subdivision under Chelyabinsk
RAILROADS—SNOW PROTECTION AND REMOVAL
(see also subdivision under Japan)
... in the planning of snow protection on railroads. D. M. Pelinik. Vest. TSNII MPS 21 no.1:49-53 '62
... V. P. Ilin. Put' i put. khoz. 6 no.2:9-10 '62.
The TSNII snow-removing machine. A. A. Dulgarian. Bul. tekh.-ekon. inform. no.1:75-76 '62
RAILROADS—STATIONS
(see also subdivision under Kiev; Orel, Vitebsk)
Calculating the capacity of station switching track necks. F. V. Arkhangel'skii. Vest. TSNII MPS 21 no.1:54-58 '62
RAILROADS—SWITCHES
Laying of plane switching systems. A. A. Simon. Put' i put. khoz. 6 no.2:5-6 '62
RAILROADS—TIES
Wear of the ... under tie plates and its effect on tie destruction. V. V. Popo. Vest. TSNII MPS 21 no.1:43 '62
RAILROADS—TRACK
Advantages of the new gauge width. V. P. Reshetov. Put' i put. khoz. 6 no.2:11 '62.
Bring track maintenance and equipment to a state of full ... Put' i put. khoz. 6 no.2:1 '62
Gorelyakov, S. P., and N. A. Kobzev. [Guide for the track maintenance worker] Spravochnoe posobie putevogo rabochego. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po ... dorozhnomu delu, 1961. 62 p.
Track on reinforced-concrete slabs. Put' i put. khoz. 6 no.2:8 '62.
RAILROADS—TRACK—BIBLIOGRAPHY see Bibliography—Railroads—Track
RAILROADS—TRAFFIC
Calculating the capacity of station switching track necks. F. V. Arkhangel'skii. Vest. TSNII MPS 21 no.1:54-58 '62.
Nachuchenko, S. F., ed. [Speeding up car turnover] Uskorenie oborota vagonov. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei sooshcheniia, 1961. 241 p.
RAILROADS, SUSPENDED see subdivision under Temir-Tau
RAIN AND RAINFALL
Some data on the structure and development of thunderstorm showers based on radar observations. M. L. Markovich, V. M. Markovich, V. M. Muchnik, L. V. Strotiuk. Trudy UkrNIGMI no.26:47-57 '61
RAKHOV DISTRICT—PALEONTOLOGY, STRATIGRAPHIC
Fauna of the Cretaceous sediments of Rakhov District, Transcarpathia. S. I. Pasternak. Nauk. zap. Nauk.-pryrod. muz. AN URSR 9:12-23 '61
RAMAN EFFECT
Absorption spectrum in a crystal caused by polaron decay. L. N. Ovander. Fiz. tver. tela 4 no.1:294-295 Ja '62.
Some characteristics of the Raman effect in piezoelectric crystals. L. G. Grechko, L. N. Ovander. Fiz. tver. tela 4 no.1:157-162 Ja '62.
Structure and vibrational spectra of crystalline and glass-like tellurium dioxide. V. P. Cheremisinov, V. P. Zlomanov. Opt. i spektr. 12 no.2:208-214 F '62.
Study of polarization spectra in the Raman effect as a function of the exciting light frequency. M. IA. TSenter, IA. S. Bobovich. Opt. i spektr. 12 no.1:54-59 Ja '62.
RAMS see subdivision under Tajikistan
RAPE (PLANT)
Converting winter rape into spring rape. I. A. Kovirushkin. Agrobiologiia no.6:806-809 N-D '61
RARE EARTH CHLORIDES
Lower-valence rare earth oxychlorides. L. P. Ivanovskii and others. Trudy Inst. elektrokhim. UFAN SSSR no.1:55-60 '60
RARE EARTH METALS
(see also subdivision under Indian Ocean)
Chemical properties and methods of analyzing borides of the transition and rare-earth metals. L. N. Kuget. Biul. Inst. metallokeram. i spets. splav. AN USSR no.6:45-51 '61.
Distribution and relationship of rare earth elements in the alkaline plumasite series' essexite-nepheline syenite [with summary in English]. B. I. Zlobin, IU. A. Balashov. Geokhimiia no.9:784-788 '61
Effect of rare earth metals on the plasticity of cast molybdenum. E. M. Savitskii, V. V. Baron, Tao TSAu-tsun [Tao Tsu-tsung]. Izv. AN SSSR, Otd. tekh. nauk, Met. i topl. no.1:156-159 Ja-F '62.
Komissarova, L. N., and V. E. Pliusheeva, eds. [Methods for the separation of rare earth metals, collection of translated articles] Metody razdeleniia redkozemel'nykh metallov, sbornik statei. Moskva, Izd-vo inostr. lit-ry, 1961. 361 p.
Rare earth elements in accessory minerals of granitoids [with summary in English]. V. V. Liakhovich. Geokhimiia no.1:37-52 '62
Separating cerium from other rare-earth elements by oxidation with oxygen under pressure. A. N. Zelikman, Z. M. Liapina. Izv. vys. ucheb. zav., tsvet. met. 5 no.1:115-120 '62.
RARE EARTH OXIDES
Dehydrocyclization of n-heptane over rare earth oxides. Kh. M. Minachev, M. A. Markov, O. K. Shchukina. Neftekhimiia 1 no.5:610-612 S-O '61
RARE EARTHS
Intensities of groups of Auger K-electrons from rare earth elements. B. B. D'iakov, I. M. Rogachev. Izv. AN SSSR Ser. fiz. 26 no.2:191-196 F '62
RARE EARTHS—ANALYSIS
Ion exchange method for the separation of fluorine from rare earths in solutions containing calcium and silicon present together. D. M. Chizhikov and others. Zhur. prikl. khim. 35 no.2:276-280 F '62
RASPBERRIES
Obtaining seedlings with normal fertility from the first generation of raspberry X blackberry crosses. A. IA. Kuzmin. Agrobiologiia no.6:870-878 N-D '61.
RAT BAITS AND REPELLANTS
Vashkov, V. I., ed. [Methods for studying disinfectant, insecticidal and deratting preparations] Metody issledovaniia dezinfektsionnykh, dezinsektsionnykh i deratizatsionnykh preparatov. Moskva, Medgiz, 1961. 235 p. (DNLM)
RAUER, ALEKSANDR EDUARDOVICH, 1871-
Outstanding master of plastic surgery. V. I. Danilevskaia. Zdrav. Kazakh. 21 no.10:71-72 '61
RAUWOLFIA
Dynamics of blood serum protein fractions during the treatment of hypertension with alkaloid preparations of Rauwolfia serpentina and hexonium [with summary in English]. G. V. Katugina. Terap. arkh. no.7:46-50 '60
Effect of gendon on blood proteins. M. G. Seifullina. Med. zhur. Uzb. no.2:59-62 F '60.
Production of Raunatin preparation from Rauwolfia serpentina roots. D. G. Kolesnikov and others. Med. prom. 15 no.12:25-27 D '61.
RAYON SPINNING
(see also subdivision under Leningrad)
Testing of the apparatus determining the tightness of the yarn package. Z. A. Torkunova. Tekst. prom. 21 no.6:69-70 Je '61.
REACTION TIME
Dependence of the rate of disjunctive reactions on the number of discriminative characteristics. L. B. Filonov. Dokl. APN 5 no.2:57-60 '61.
Nerve model of a stimulus. Report No. 5. Perception time and selection reaction time. E. N. Sokolov. Dokl. APN 5 no.3:88-92 '61.
Studying the process of information digestion by man in situations involving choice. Report No. 1. Effect of the importance of individual signals on the dependence of selection reaction time upon the informational capacity of the signal. E. P. Krinchik. Dokl. APN 5 no.5:73-76 '61
READING MACHINES
Concerning a certain principle for the construction of an automatic pattern recognizing computer [with summary in English]. V. M. Glushkov. Avtomatyka no.1:55-65 '62.
REAL PROPERTY SURVEYS see subdivision under Transcarpathia
REALISM IN LITERATURE
Blagoi, D. D. [Poetry of reality, on the nature of ... century Russian realism and its significance ... literature] Poeziia deistvitel'nosti, o prirode ... mirovogo znacheniia russkogo realizma XIX ... Moskva, Sovetskii pisatel', 1961. 166 p.
REASONING (PSYCHOLOGY)
Certain laws of man's reactions to the ... determining the choice of one of two possible ... Report No. 1. Dependence of the frequency of ... on the complexity of signals and the probability ... occurrence. V. A. Badkov, A. A. Genkin, ... Dokl. APN 5 no.5:77-80 '61
Methods of studying the effectiveness of ... action with the quantity of information. ... Dokl. APN 5 no.5:81-84 '61
RECIDIVISTS
Misplaced leniency. Iu. Ivlov. Sots. zakon. ... F '62
A pressing problem. P. Dagel'. Sots. zakon. ... 61 F '62
RECKLINGHAUSEN'S DISEASE OF BONE see ... fibrosa
RECLAIMED RUBBER see Rubber, Reclaimed
RECLAMATION OF LAND see subdivision under ... Territory
RECONNAISSANCE, NAVAL see Naval reconnaissance
RECORDING INSTRUMENTS
(see also subdivision under Armenia)
Automatic recorder of the operation of cable drill ... P. P. Bantan. Gor. zhur. no.12:81-87 D '62
Design of rectifying mechanism for recording devices with direct transformation. A. A. Penskii. ... no.1:35-38 Mr '62
Device for recording starting conditions of ... V. I. Osipov. Avt. i prom. 28 no.1:43-45 Ja '62
Portable device for the automatic recording of ... ments in sports. L. I. Kantaf'skii. Teor. i prak. fiz. kul't. 24 no.10:787-790 '61.
Recorders of maxima. N. A. Glagovskii. Lab. ... no.3:21-25 Mr '62
RECORDS OF COURT see Court records
RECRUITING AND ENLISTMENT see subdivision ... Gorkiy
RECTIFICATION OF SPIRITS see Distillation
RECTUM—CANCER
Radiotherapy in cancer of the rectum [with summary in English]. P. P. Ivanitskaia, I. B. Kachurovskaia, ... Astrakhantsev. Vest. rent. i rad. 36 no.1:59-62 ... '61
Technic for the formation of a preliminary ... ing extirpation of the rectum in cancer. A. ... Vop. onk. 8 no.1:10-32 '62
RECTUM—DISEASES
Inflammatory diseases of the rectum. I. IA. Dolgova. Nov. khir. arkh. no.4:17-20 My-Je '60.
Surgical treatment of severe forms of ulcerative ... T. A. Shelyganova. Kaz. med. zhur. no.6:61-62 ... '61.
RECTUM—HERNIA
Case of rectal rupture with prolapse of the loop ... small intestine. IU. F. Shutko. Nov. khir. arkh. ... 110-120 Ja-F '60.
RECTUM—RADIOGRAPHY
Rectal measuring and centering device for radiation ... in cancer of the rectum. M. M. Khrushchov. Vest. rent. i rad. 36 no.6:42-43 N-D '61.
RECTUM—SURGERY
Silvestri's operation in the treatment of high rectal fistulas. V. N. Ianov. Zdravookhranenie 4 no.6:47-49 N-D '61.
Treatment of rectal prolapse. G. P. Kovtunovich. ... khir. arkh. no.3:8-12 My-Je '60.
RECTUM—TUMORS
Anesthesia in radical operations for tumors of the ... moid and rectum. L. A. Frid. Vop. onk. 6 no.2:55-58 '60.
Clinical morphological analysis of polyps of the ... and sigmoid intestine. K. I. Leshchenko, K. P. Gavrilov. Nov. khir. arkh. no.3:48-51 My-Je '60.
RECTUM—WOUNDS AND INJURIES
Rare case of an open lesion of the rectum. S. V. Bogdan. Nov. khir. arkh. no.3:86 My-Je '60.
RED SEA—HYDROLOGY
Hydrology of the Suez Canal, the Red Sea, and the ... Aden. A. M. Muromtsev. Meteor. i gidrol. no.2:13-17 F '62.

REDUCTION, ELECTROLYTIC

Reduction of chromium aromatic compounds of a sandwichlike structure on a dropping mercury cathode I A Koshunov, L N Vertiulina, G A Domrachev Zhur.ob khim 32 no 1 9-12 Ja '62

Use of disk electrode with a ring in studying the electroreduction of copper L N. Nekrasov, N P Berezina Dokl. AN SSSR 142 no 1 855-858 F '62

REED (BOTANY)
(see also subdivision under Baraba Steppe)

Reed preservation against putrefaction. A N. Panfilova Nauch. soob. TSNIISK no 17:4-104 '61

REED PRODUCTS

Use of reed-reinforced concrete in housing construction. P. Krutov. Sel'. stroi. 16 no.12:20-21 D '61

REFLEXES

Age-related dynamics of Klippel-Weil and Wartenberg reflexes under normal conditions in man [with summary in English]. P. S Babkin Zhur. nevr i psikh 61 no. 6:815-817 '61

Characteristics of vascular reflexes in diseases of the hypothalamic region [with summary in French]. N I Grashchenko, G A Sevost'ianova Zhur. nevr i psikh 61 no 6 837-842 '61.

Cutaneomuscular and tendon reflexes in monkeys. P. S Babkin Fiziol. zhur 48 no 1,31-38 Ja '62

Formation of reflex regulation of the activity of the heart and respiration in animals in phylogenesis and ontogenesis. D. A. Biriukov and others. Fiziol zhur 48 no 1 55-63 Ja '62.

Frontal lobe and the schizophrenic syndrome [with summary in English] S Brukhn. Zhur. nevr. i psikh. 61 no. 11 1664-1667 '61

Lability of the monosynaptic reflex arc [with summary in English]. S. D. Kovtun. Fiziol. zhur. [Ukr.] 8 no 1: 82-70 Ja-F '62.

Local changes in the excitability of the visual analyser under the influence of verbal stimuli [with summary in English]. N. I. Chuprikova. Zhur vys. nerv. deiat. 11 no. 4:630-635 Jl-Ag '61.

Method for studying tonic reflexes during the stimulation of different sensory organs in man. G M. Margolin Fiziol. zhur 48 no 1:95-97 Ja '62.

Neurohumoral regulation of the cardiovascular system in experimental arteriosclerosis [with summary in English]. Z. I. Bushmakina and others. Vrach. delo no. 1-3-11 Ja '62.

[Problems in the physiology and pathology of the vascular tonus] Voprosy fiziologii i patologii sosudistogo tonusa. Kiev, Gos. med. Izd-vo USSR, 1961. 274 p (DNLM)

Reflex after-discharge of tonic and tetanic muscles [in Georgian with summaries in English and Russian]. E. S. Mondava. Trudy Inst. fiziol. AN Gruz. SSR 12:69-84 '61.

Reflex effects on the motor and secretory function of the stomach in cicatricial esophagostenosis B. I Matskevich. Zdrav. Bel. 7 no. 8:38-40 Ag '61

Review of the collection, "Motor visceral reflexes in their physiology and clinical aspects." V. D. Glebovskii and D. P. Mamtushkin. Fiziol. zhur. 48 no 1: 106-107 Ja '62.

REFORESTATION
(see also subdivision under Bulgaria; Ural Mountain region, Ufa region)

Popov, L. V., M. S. Shi'kovich, and V. I. Shubin. [Reforestation by seeding in cutover areas] Posev lesa na vyrubkakh. Petrozavodsk, Gos. izd-vo Karel'skoi ASSR, 1961. 108 p (DA)

REFORMATION see subdivision under Germany

REFRACTOMETRY

Refractometric determination of deuterium in organic compounds [with summary in English]. G. G. Petukhov, T. V. Guseva. Zhur. anal. khim. 17 no. 1; 140-141 Ja-F '62.

REFRACTORY MATERIALS

Improving the quality of refractory materials by increasing the quantity of the liquid phase in them [with summary in English]. M. F. Kozins'kyi. Dop. AN URSR no 1 87-90 '62.

Refractory compounds, their properties, manufacture, and role in modern technology. G. V. Samsonov. Biul. Inst. metaloker. i spets. splav. AN URSR no. 6:5-20 '61.

REFRACTORY MATERIALS—CONGRESSES

Recommendations of the interinstitute on the chemistry of refractory compounds. Biul. Inst. metaloker. i spets. splav. AN URSR no. 6:126 '61.

REFRIGERATED MOTORTRUCKS

Refrigerated motortruck. A. Zebin. Avt. transp. 40 no. 3:50 Mr '62.

REFRIGERATION AND REFRIGERATING MACHINERY

LAkobson, V. B. [Automation of refrigerating plants] Avtomatizatsiia kholodil'nykh ustanovok. Izd. 2., peror. i dop. Moskva, Gos. izd-vo torg. lit-ry, 1962. 407 p.

Malkov, M. P., ed. [Problems in deep freezing. Translated from the English] Voprosy glubokogo okhlazhdeniia, sbornik statei. Moskva, Izd-vo inostr. lit-ry, 1961. 429 p.

Technological equipment for SRTM type boats (self-contained medium fishing and refrigerating trawlers) Ryb. khoz. 38 no. 2:87-91 '62.

REFRIGERATION ON SHIPS

Kholagurov, M. G. [Insulation of ship cold-storage rooms, theory and design] Izoliatsiia sudovykh kholodil'nykh pomeshchenii, teoriia i raschet. Leningrad, Izd-vo "Morskoi transport," 1961. 177 p

Volkov, V. F., and A. I. Chichenev. [Ship refrigerating machines and installations] Sudovye kholodil'nye mashiny i ustanovki. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl 1961 261 p

REFRIGERATOR SHIPS

Improve the organization of the transportation of perishable cargoes. S. Kochetov Mor flot 22 no. 3 11-12 Mr '62

REFUGEES, UKRAINIAN—POLITICAL ACTIVITIES

Ivanys, Vasyl'. [The paths of my life; reminiscences] Stezhkamy zhyttia; spohady. New-Ulm, Doman.
Book 4. [Capitulation, my life in the Crimea, my first steps in exile] Kapituliatsiia. Sydinnia v Krymu. Pershi kroky vygnannia 1961. 102 p

REGENERATION (BIOLOGY)

Changes in the intima of the large blood vessels during regeneration [with summary in English]. Go Zhen'-IU (Kuo Jên-Yü). Arkh. anat. gist. i embr. 41 no. 7,90-99 Jl '61.

Dynamics of glycogen distribution in regenerating skeletal muscle during the period of early postembryonal development in rats [with summary in English]. N. N. Dampel'. Arkh anat. gist embr. 40 no 6:54-59 Je '61

Karyokinesis of neurons and regeneration of the cerebral cortex of adult rats following mechanical injury [with summary in English]. N. F. Kastrikin. Arkh. anat. gist. i embr. 41 no. 7 54-57 Jl '61.

Regeneration of a defect in the skeletal muscle of a dog by the method of transplanting granulated muscle tissue [with summary in English]. Z P Ignat'eva Arkh anat. gist. embr. 40 no. 6:46-53 Je '61.

Regeneration of muscle by the method of transplanting granulated muscle tissue after sensory denervation [with summary in English]. R P. Zhenevskaia Arkh anat. gist. embr. 40 no. 6:46-53 Je '61.

Regenerative capacity of Ctenophora [with summary in English]. B. P. Tokin. Vest LGU 17 no. 3:65-78 '62

REGENSBURG—SCHOOLS, UKRAINIAN

[A school named after our great metropolitan; an account on educational work in the Metropolitan Andrei Sheptyts'kyi Ukrainian Elementary School in Regensburg, Germany, 1945-1949] Pid patronatom velykoho Mytropolyta, maryia mvchal'no-vykhovnoi pratsi Ukrains'koi Narodnoi Shkoly imeni Mytropolyta Andriia Sheptyts'koho v Regensburgu-Nimechchyna, 1945-1949. Chicago, 1960, 70 p.

REGIONAL LIBRARIES see Libraries, Regional

REGIONAL PLANNING
(see also subdivision under Ukraine)

Effect of systematic deformations of the coordinate grid of the plan on the accuracy of the project in planning rural settlements. N. N. Ukraintsev. Trudy MIIZ no. 8:175-182 '59.

REGISTERS OF BIRTHS, ETC.

Vozniuk, S. I. [The role of civil registry offices in strengthening family bonds] Organy ZAHSu u zmitsnenni radians'koi sim'i. Kyiv, 1961. 30 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 1, no. 10)

REINDEER see subdivision under Karelia; Murmansk Province

REINFORCED CONCRETE

Akademiia stroitel'stva i arkhitektury SSSR, Institut betona i zhelezobetona, Perovo [Instructions for calculating statistically indeterminate reinforced-concrete construction elements taking the redistribution of stresses into account] Instruktsiia po raschetu staticheski neopredelimykh zhelezobetonnykh konstruktsii s uchetom pereraspredeleniia usilii. Izd. 2, Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 109 p.

Reinforcing ash-concrete slabs for roofs and floors. N. S. Volkov. Trudy Zap.-Sib. fil. ASIA no. 3:111-119 '60.

REINFORCED CONCRETE—TESTING

Cohesion of preheated reinforcement with concrete [with summary in English, p. 74]. IU. P. Chernishov, O. A. Litvinov, M. IU. Leshchins'kii. Visnyk ABIA URSR no. 4:56-58 '61.

Study of the functioning of mesh-reinforced concrete under centric and eccentric compression [with summary in English, p. 73]. M. V. Borova'kii. Visnyk ABIA URSR no 4:27-31 '61

REINFORCED CONCRETE CONSTRUCTION

Akademiia stroitel'stva i arkhitektury SSSR, Institut betona i zhelezobetona, Perovo. [Handbook on the design of three-dimensional reinforced concrete thin-walled roofs and spans] Instruktsiia po proektirovaniiu zhelezobetonnykh tonkostennykh prostranstvennykh pokrytii i perekrytii. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 334 p.

Reinforced-concrete water tanks. P. I. Sidel'tsev. Neftianik 7 no 2:17 F '62.

Track on reinforced-concrete slabs. Put' i put. khoz. no. 2 6 '62.

REINFORCED CONCRETE CONSTRUCTION—TESTING

Pishchik, G. F. [Optical method of studying pressure on reinforced members] Opticheskii metod issledovaniia napriazhennogo sostoianiia armirovannykh elementov. Kiev, Gos. izd-vo lit-ry po stroit., arkhit. USSR, 1961. 44 p.

REINFORCEMENT IN CONCRETE see Concrete reinforcement

RELATIVITY (PHYSICS)

Collapse of a small mass in the general theory of relativity. IA. B. Zel'dovich. Zhur. eksp. i teor fiz. 42 no. 2:641-643 F '62.

Geometry of the universe. IA. A Smorodinskii. Nauka i zhizn' 28 no 12:60-64 D '61.

RELAYS, ELECTRIC see Electric relays

RELIEF (SCULPTURE) see subdivision under Anapa; Yur'yev-Pol'skiy

RELIGION

Atheistic education and methods of studying the surviving traces of religion [with summary in English, pp. 185-186]. L. N. Mitrokhin Vop filos 16 no 3: 58-61 '62.

[Black shadows retreat; stories on the work with believers] Chernye prizraki otstupaiut, rasskazy o rabote s veruiushchimi. Moskva, Gos. izd-vo polit. lit-ry, 1961. 110 p.

Chukovenkov, IU. A. [Individual work with believers] Individual'naia rabota s veruiushchimi. Leningrad, Ob-vo po raspr. polit. i nauchn. znanii RSFSR, 1961. 55 p.

Important events in the life of the church and religious bodies in the U S, S R N. Teodorovich. Mat i soob. Inst. otd. Inst po izuch. SSSR no. 20:52-58 '61

Kryvelev, I. A. [Religions and churches in the modern world] Religii i tserkvi v sovremennom mire. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 180 p.

Ugrinovich, D. M. [Specifics of religion] O spetsifike religii. [Moskva] Izd-vo Mosk. univ., 1961. 154 p

"What religion brings to children" by K. I Belinov. Reviewed by V Fat'ianov. Sem'ia i shkola 17 no. 3 43 Mr '62.

RELIGION—HISTORY

Mystery of Magi. A. Mon'. Zhur. Mosk. Patr. no. 1 60-67 Ja '62

RELIGION AND ART see Art and religion

RELIGION AND COMMUNISM see Communism and religion

RELIGION AND SCIENCE

"Achievements of present-day science and religion." Reviewed by I. B. Ivov A. F. Poretskin Vop filos 16 no. 2:172 '

Akademi' [Scienc i religi Butinov SSSR, I

Docs a w trud. n

A histori mary in

Present- lobkov.

"Teachin Review F '62.

RELIGION social p

RELIGION "Atheisti Ukraini V. R. Ar

RELIGIOU Rudinskii Svoboda lit-ry,

REMOTE CONTROL

Design of linear power supply networks for remote control systems. M. A. Farmakina, I. P. Padeino. Elektrichestvo no. 3:26-32 Mr '62.

Economic efficiency of remote control of Grozny fields and types of crossings. N. M. Umanskii, L. M. Umanskii. Izv. Groznii no. 10:175-181 '61.

Evaluation of combinational frequency, level and permissible fluctuation of simultaneously sent remote control commands [with summary in English]. V. L. Inosov, P. K. Chirin. Avtom. i telem. 23 no. 2:214-221 F '62.

Interference rejection of a frequency remote control system in the presence of impulse interference [with summary in English]. Avtom. i telem. 23 no. 2:222-241 F '62.

Krasivskii, S. P. [Principles of automatic and remote control in industry] Osnovy avtomatizatsii i telemekhanizatsii proizvodstva. Moskva, Vses. uchebno-pedagog. izd-vo Profitekhizdat, 1961. 382 p.

Remote material level indicator. Neftianik 7 no. 1:20 Ja '62.

Mamikonov, A. G., and M. G. Geshelin. [Remote control in the oil and gas industries] Telemekhanika v neftianoi i gazovoi promyshlennosti. Moskva, Gos. nauchno-tekhn. izd-vo nefti i gorno-toplivnoi lit-ry, 1961. 359 p.

Remote control of electric locomotives at loading points. L. V. Trostenko, A. P. Dementiev. Gor. zhur. no. 12:42-43 D '61.

Remote control of electric locomotives in mine transportation. P. G. Makarenko, V. M. Blagodatnyi. Gor. zhur. no. 12:39-41 D '61.

Remote control of model 375-11 fuel pumps. A. K. Rist, Z. I. Tomarev. Neft. khoz. 40 no. 1:56-58 Ja '62.

Remote control of the vacuum system in cleaning the working members of carding machines. I. E. Bogdanov. Tekst. prom. 22 no. 1:82-83 Ja '62.

Scraper winch 100LAS with automatic and remote control systems. V. N. Makashov. Gor. zhur. no. 10:64-66 O '61.

RENAISSANCE

History of the ethical theories of the Renaissance. N. V. Reviakina. Vest. Mosk. un. Ser. 9, Ist. 17 no. 2:55-72 Mr-Ap '62.

RENAL INSUFFICIENCY

Some morphological changes arising in dogs following the use of the "artificial kidney" apparatus [with summary in English]. B. G. Gol'dina, E. B. Gorbovitskii. Arkh. pat. no. 2:70-77 '62.

RENTAL AUTOMOBILES see Automobiles, Rental

RENTING OF EQUIPMENT, ETC.

Some legal problems concerning the rental of goods and motorcars. M. Karpasheva. Sov. iust. no. 4:11-12 F '62.

REPIN, IL'IA EFIMOVICH, 1844-1930

Anatomical sketches of I. E. Repin. D. G. Doviner. Arkh. anat. gist. i embr. 42 no. 2:98-105 F '62.

Fedorov-Davydov, A. A. Il'ia Efimovich Repin. Moskva, Gos. izd-vo "Iskusstvo," 1961. 135 p.

Repin, I. E. [Album of reproductions] Al'bom reproduktsii. [Leningrad] Gos. izd-vo izobraz. iskus., 1961. 13 p. plates.

REPORTERS AND REPORTING

Be worthy helpers of the party, from the Third Plenum of the Administration of the Union of News Reporters of the U. S. S. R. Sov. foto 22 no. 3:6 Mr '62.

REP'YEVKA—PENSIONERS

By a common effort. L. Godin. Sots. obesp. 23 no. 1:24-27 Ja '62.

RESCUE WORK
(see also subdivision under Black Sea)

Improve rescue service. V. Kamenskii. Voen. znan. 38 no. 3:31-32 Mr '62.

RESEARCH
(see also subdivision under Albania; Ukraine; United States)

In the laboratories and institutes of our country. Tekh. mol. 30 no. 1:12 '62.

Introductory address. M. V. Keldysh. Vest. AN SSSR 32 no. 3:3-7 Mr '62.

Results of the scientific activities of the Academy of Sciences of the U. S. S. R. in 1961. E. K. Fedorova. Vest. AN SSSR 32 no. 3:8-18 Mr '62.

Scholarly councils as a new form of guidance in research. Vest. AN SSSR 32 no. 2:3-8 F '62.

The 22d Congress of the CPSU and problems in Soviet physics, mathematics, and astronomy. L. A. Artsimovich. Usp. fiz. nauk 76 no. 1:3-10 Ja '62.

The 22d Congress of the CPSU and the tasks confronting Soviet scientists. Opt. i spektr. 12 no. 1:1-2 Ja '62.

Unity of human knowledge. Nils Bohr. Usp. fiz. nauk 76 no. 1:21-24 Ja '62.

RESEARCH, INDUSTRIAL
(see also subdivision under Armenia)

Kuznetsov, P. I., and M. IA. Ratgauzer. [Role of the intelligentsia in the struggle for technological progress; some forms of cooperation between science and industry] Rol' intelligentsii v bor'be za tekhnicheskii progress, formy sodruzhestva nauki i proizvodstva. Leningrad, Ob-vo po rasprr. polit. i nauchn. znanii RSFSR, 1961. 64 p.

RESEARCH LIBRARIES

Conference on free access in research libraries. Biul. TSentr. nauch. sel'khoz. bibliot. no. 5:45-47 '60.

RESERPINE

Effect of reserpine on the amount of nucleic acids in different layers of the cerebral cortex. M. N. Baranov. Dokl. AN SSSR 143 no. 1:221-224 Mr '62.

Effectiveness of reserpine in treating children with rheumatism [with summary in English]. L. F. Berezhkov. Pediatriia 41 no. 3:33-39 '62.

Epileptic psychoses. Report No. 2: Dynamics of the clinical picture of epileptic psychoses under treatment with aminazine and reserpine in combination with anticonvulsant drugs. E. K. Molchanova. Vop. psikh. no. 1:79-89 '60.

RESERPINE—PHYSIOLOGICAL EFFECT

Effect of reserpine and hypothiazine treatment on urinary excretion of catechol amines in hypertension [with summary in English]. V. V. Menshikov. Terap. arkh. no. 8:12-16 '61.

RESERPINE—THERAPEUTIC USE

Pressure in the central artery of the retina in schizophrenia during treatment with insulin, aminazine and reserpine [with summary in French]. K. P. Moskovchenko. Zhur. nevr. i psikh. 61 no. 11:1699-1704 '61.

RESERVOIRS

Approximation method of determining the time required to drain a reservoir when the gates are open to a known extent. B. O. Eglazarian. Izv. vys. ucheb. zav. ;stroi. i arkhit. 4 no. 5:79-83 '61.

Conditions for the control of flood flows. S. P. Pavlov. Trudy Gidroproekta no. 4:143-165 '60.

Hydrological calculation of reservoir shore transformation. N. A. Labzovskii. Trudy Gidroproekta no. 4:319-343 '60.

Influence of physicogeographical factors on the albedo on the inland reservoirs and some seas. V. A. Rutkovskaia. Izv. AN SSSR. Ser. geog. no. 1:72-80 Ja-F '62.

Principal stages in the history of the development of recent river valleys and conditions of shore formation in reservoirs. I. G. Kokeshko, A. D. Kolbutov. Trudy Gidroproekta no. 4:350-372 '60.

Probability calculation of compensational streamflow control. IA. D. Gil'denblat, D. V. Korenistov. Trudy Gidroproekta no. 4:166-182 '60.

Some factors indirectly determining the formation of new reservoir shores. A. D. Kolbutov. Trudy Gidroproekta no. 4:344-359 '60.

Use of compressed air to form nonfreezing areas in water reservoirs. B. S. Borodkin, G. I. Meikonian. Trudy LIVT no. 8:23-34 '60.

RESINS, SYNTHETIC
(see also subdivision under United States)

Low molecular weight polyamide resins. K. N. Vlasova, L. I. Chudina, IU. N. Zachesov. Plast. massy no. 2:14-18 '62.

Rapid method for the chemical analysis of butadiene-styrene rubbers reinforced with phenol-aniline-formaldehyde resins. E. S. Khoroshaia and others. Plast. massy no. 2:67-68 '62.

Self-lubricating bearings made of polyamide resins. V. N. Polevskii, V. N. Bratchikov. Mashinostroenie no. 1:8-10 Ja-F '62.

RESONATORS, ELECTRIC see Electric resonators

RESORCINOL

Aminopropanediol derivatives. Part 2: Compounds of the type 1,3-[R'R"NCH$_2$CH(OH)CH$_2$O]$_2$C$_6$H$_4$. A. P. Terent'ev and others. Zhur. ob. khim. no. 1:174-177 Ja '62.

β-Dicarbonyl compounds. Part 14: Synthesis, transformations, and biological activity of 2-prehnylidihydroresorcinol. V. I. Gunar and others. Zhur. ob. khim. 31 no. 12:3975-3984 D '61.

Variants of the total synthesis of estrone based on 1-vinyl-6-methoxy-1-tetralol and methylidihydroresorcinol. S. N. Ananchenko, Tao Dzhen E, I. V. Torgov. Izv. AN SSSR, Otd. khim. nauk no. 2:208-302 F '62.

RESPIRATION

Approximate formulas for calculating gas discharge in precritical expiration. E. K. Luk'ianov. Med. prom. 15 no. 12:35-40 D '61.

Carbon dioxide content in the arterial blood and its diffusion in the lungs in rheumatic carditis. Report No. 2. D. A. Valimukhametova. Terap. arkh. no. 9:45-49 '61.

Change in the respiratory rhythm following intravenous administration of sodium thiopental combined with neuroplegic drugs. P. D. Beliakov, Z. V. Lebedeva. Nov. khir. arkh. no. 4:64-67 Jl-Ag '60.

Changes in external respiration in pulmonary hypertension of various origins. S. E. Slavina, G. A. Miamlina. Sov. med. 25 no. 12:95-99 D '61.

Comparative frequency of the respiratory symptom of acute appendicitis. I. Rustamov. Zdrav. Turk. 6 no. 6:22-24 N-D '61.

Correlation between phonation and respiration in esophageal speech. Karel Vrtička. Vest. otorin. no. 2:54-58 '62.

Dynamics of the external respiration indices in bronchial asthma following acupuncture and physical exercise. B. K. Kasymov. Med. zhur. Uzb. no. 1:39-41 Mr '60.

Effect of some pharmacological substances on oxygen consumption by a "dry" myocardium of the isolated dog heart. L. V. Rozenshtraukh. Dokl. AN SSSR 140 no. 6:1220-1222 O '61.

Effect of static efforts on the breathing of 8-17 year old children. E. S. Chernik. Dokl. APN 5 no. 3:119-122 '61.

Formation of reflex regulation of the activity of the heart and respiration in animals in phylogenesis and ontogenesis. D. A. Biriukov and others. Fiziol. zhur. 48 no. 1:55-63 Ja '62.

Gas exchange, hemodynamics, and respiratory function of the blood in acute diffuse peritonitis. D. K. Dormidontov. Voen.-med. zhur. no. 8:47-49 Ag '61.

Oxygen consumption by some crustaceans in the Karelian Lakes. I. V. Pomazovskaia. Uch. zap. Kar. ped. inst. 7:93-96 '58.

Physiology of the respiratory center in the frog. [S. B. Temper]. Fiziol. zhur. 48 no. 2:159-164 F '62.

Reflection of the terminal activity of the respiratory center on the electrogram of the medulla oblongata. A. M. Gurvich. Fiziol. zhur. 48 no. 1:64-71 Ja '62.

Significance of the study of gas exchange following physical exertion in the differential diagnosis of mitral stenosis and mitral insufficiency [with summary in English]. A. M. Damir, I. F. Martynov. Terap. arkh. no. 12:17-21 '61.

Study of gas metabolism using Holland's apparatus following effective thoracoplasty. L. G. Malysheva. Probl. tub. no. 2:102-104 '62.

Treatment by tracheostomy of patients severely ill with a disorder of the gaseous metabolism. K. N. Kalitkin. Med. zhur. Uzb. no. 11:64-65 N '61.

RESPIRATION—CONGRESSES

All-Union conference on problems of the physiology and pathology of respiration. D. O. Kocherga. Fiziol. zhur. [Ukr.] 8 no. 1:139-141 Ja-F '62.

RESPIRATORS

Improve the design of the SP-55M individual respirators. P. M. Solov'ev. Bez. truda v prom. 6 no. 1:9-10 Ja '62.

RESPIRATORY ORGANS

"Neurotic symptoms" of the upper respiratory tract. G. A. Feigin, V. B. Broido. Med. zhur. Uzb. no. 12:69-72 D '61.

RESPIRATORY ORGANS—CANCER

Oxygen saturation of the arterial blood in surgery of malignant tumors of the upper respiratory tract using a lytic cocktail in association with local anesthesia [with summary in English]. E. N. Medvedevskii. Vest. otorin. no. 4:27-31 '61.

Ways of preventing bronchopulmonary cancer. G. Pincles. Vop. onk. 7 no. 7:105-111 '61.

RESPIRATORY ORGANS—DISEASES
(see also subdivision under Tashkent)

Control of insufficiency of external respiration in shock and terminal states [with summary in English]. V. I. Kassil'. Ortop., travm. i protez. no. 12:17-22 '61.

Use of aerosols of antibiotics from the tetracycline series in catarrhal and suppurative diseases of the upper respiratory tract [with summary in English]. B. I. Eidel'shtein, E. S. Zhilinskii, S. M. Gol'tser. Antibiotiki 7 no. 1:68-71 Ja '62.

RESPIRATORY ORGANS—FISHES

Methods for studying respiration in fishes. L. K. Opalatenko. Nauk. zap. Nauk.-pryrod. muz. AN URSR 9:76-79 '61.

RESPIROMETER

Change in the respiratory rhythm following intravenous administration of sodium thiopental combined with neuroplegic drugs. P. D. Beliakov, Z. V. Lebedeva. Nov. khir. arkh. no. 4:64-67 Jl-Ag '60.

REST HOMES see subdivision under Gomel' Province

REST PERIODS

Materials for the establishment of time norms for rest periods of miners in the coal mines of the Donets Basin. F. Agarkov and others. Biul. nauch. inform. • trud i zar. plata 5 no. 2:36-43 '62.

RESTAURANTS, LUNCHROOMS, ETC.
(see also subdivision under Altai Territory; Kazakhstan; Moscow; Murashi; Neftyanyye Kamni region; Noginsk, Moscow Province; Polevskoy; Riga; Sol'-Iletsk District; Talgar; Tiflis; Volgograd; White Russia; Zubovka, East Kazakhstan Province)

Cool eyes, warm smile and good spirits. V. Komarov. Obshchestv. pit. no. 11:48-49 N '61.

From congress to congress. Obshchestv. pit. no. 11:7-10, 14 N '61.

"How to organize inexpensive and highly satisfactory food service in lunchrooms" by V. I. Trofimova and others. Reviewed by A. Artem'ev. Obshchestv. pit. no. 11:54-55 N '61.

Important work. A. Bogomolova. Sov. potreb. koop. 6 no. 2:39-41 F '62.

RESTAURANTS, LUNCHROOMS, ETC. (Continued)
Inexpensive fuel for public food service enterprises N. Maleev Obshchestv pit no 11 36-39 N '61.
Let's put public-food service on a scientific basis. S. Vasil'ev. Sov potreb koop 6 no. 2;36-38 F '62
Public catering on collective farms. P. Oreshin. Part. zhizn' no.5 39-41 Mr '62
To the complete satisfaction of the needs of the population IA Orlov Obshchestv pit. no 11 3-5 N '61

RESTAURANTS, LUNCHROOMS, ETC.—EQUIPMENT AND SUPPLIES
(see also subdivision under Hungary)
Automatic machine for meat pies K Sharonova. Obshchestv. pit. no. 11 32-33 N '61.
Galochkina, G. S., and V. I. Khrenov. [Plastics in public food service and trade enterprises] Plastmassy v predpriiatiiakh torgovli i obshchestvennogo pitaniia. Moskva, Gos. izd-vo lit-ry, 1961. 119 p.
Miakotkin, IU. I., and I. A. El'kin. [New equipment for public food-serving establishments] Novoe oborudovanie predpriiatii obshchestvennogo pitaniia. Moskva, Gos. izd-vo torg. lit-ry, 1961. 198 p.

RESUSCITATION
Resuscitation of the organism after clinical death caused by air embolism. F. A. Efendiev, N. M. Rzaev, R. A. Mustafaev. Dokl. AN Azerb. SSR 17 no. 12;1185-1188 '61.
Use of direct cardiac massage for artificial blood circulation (experimental-morphological data) [with summary in English] B. V. Antipov, IU. M. Gal'perin. Grud. khir. no. 5;52-58 '61

RETAIL STORES see Stores, Retail

RETAIL TRADE
(see also subdivision under Kazakhstan; Polotsk; Ukraine; United States, Uzbekistan)
Sadekov, M. M., and V. M. IAkovlev. [Statistics of retail prices in state and cooperative trade] Statistika roznichnykh tsen gosudarstvennoi i kooperativnoi torgovli. Moskva, Gosstatizdat TsSU SSSR, 1961. 93 p.
[Trade abroad; organization, new methods, and equipment of trade and public food service.] Torg. za rub., org., nov. metody, tekh. torg. i mass. pit. no. 3 '62.

RETAIL TRADE—ACCOUNTING
Accounting and analysis in automated trade organizations. V. Smirnov. Bukhg. uchet 10 no. 2;33-37 F '62
New accounting instructions for the retail turnover of merchandise in state and cooperative trade. N. Titel'baum Vest. stat. no. 3 63-69 '62.

RETICULO-ENDOTHELIAL SYSTEM
Influence of cortisone administered in doses depressing the reticuloendothelial system on the course of vaccinal process and intensity of immunity in brucellosis [with summary in English]. P. A. Vershilova, N. A. Grekova. Zhur. mikrobiol., epid. i immun. 32 no 9:87-92 S '61.

RETINA
Significance of retinal ganglion cells for the development of the crystalline lens. V. V. Popov, A. V. Al'-Sakini Dokl. AN SSSR 142 no. 6 1420-1423 F '62.

RETINA—BLOOD SUPPLY
Change in the density of the capillary network of the retina during the process of development of the peripheral segment of the visual analysor [with summary in English]. E. V. Kapustina. Arkh. anat. gist. i embr. 42 no. 2;54-60 F '62.
Pressure in the central artery of the retina in schizophrenia during treatment with insulin, aminazine and reserpine [with summary in French]. K. P. Moskovchenko. Zhur. nevr. i psikh 61 no. 11 1699-1704 '61.

RETINA—DISEASES
Rare case of embolism of the central artery of the retina in a child. K. K. Kadyrova. Med. zhur. Uzb. no. 12;76 D '61.
Two cases of treating herpetic keratitis by instilling cortisone into the eye. S. IU. Davydov. Med zhur. Uzb. no. 9;62 S '61.

RETINA—TUMORS
Case of cystic hemangioma of the cerebellum (Lindau's tumor) with the presence of simultaneous metastasis of hypernephroma in the cerebellum [with summary in French]. R. George, F. Francisc. Zhur nevr. i psikh. 61 no. 11;1644-1649 '61.

REVOLUTIONISTS
Anan'in, E. A. [Reminiscences of a revolutionary; 1905-1923] Iz vospominanii revoliutsionera; 1905-1923 g. g. New York, 1961. 76 p. (Inter-University Project on the History of the Menshevik Movement; papor no. 7)

REVOLUTIONISTS—BIOGRAPHY
Kutsentov, D. G. [Members of Petersburg's "Union of the Struggle for the Liberation of the Working Class"; concise biographical studies] Deiateli Peterburgskogo "Soiuza bor'by za osvobozhdenie rabochego klassa"; kratkie biograficheskie ocherki. Moskva, Gos. izd-vo polit. lit-ry, 1962. 161 p.

REVOLUTIONS
(see also subdivision under France; also subdivision 'Revolution, 1830-1832' under Poland; 'Revolution, 1863-1864' under Poland, 'Revolution, 1918-1919' under Hungary)
Butenko, A. P. [War and revolution] Voina i revoliutsiia Moskva, Gos izd-vo polit. lit-ry, 1961. 47 p

REWARDS (PRIZES, ETC.)
Awarding of the A. P. Karpinskii Gold Medal to A. G. Betekhtin. Vest AN SSSR 32 no 3;86 Mr '62
Awarding of the I. V. Kurchatov Gold Medal to P. E. Spivak. Vest AN SSSR 32 no. 3;65 Mr '62
Establishment of the honorary badge of Master of Sports of the U. S. S. R. Teor i prak fiz. kul't. 24 no. 8;636 '61.
Regulations concerning the awarding of prizes to the staff members of the Academy of Sciences of the Ukrainian S. S. R. Dop. AN URSR no. 2;261 '62
Results of the 1961 All-Union Competition for the D. K. Chernov's and N. A. Minkevich's Prizes. S. L. Rustem Metalloved i term obr met. no. 3 63-64, 1 of cover Mr '62

RH FACTOR
Case of posttransfusion complications caused by Rh-incompatible blood and its effective treatment with cortisone. V. M. Zaitsev, B. G. Sadykov. Kaz med. zhur. no. 4;80-81 Jl-Ag '61

RHABDOPHANITE see subdivision under Kola Peninsula

RHENIUM see subdivision under Asia Central

RHENIUM—ANALYSIS
Titration with an anode polarized platinum electrode. Reduction of rhenium to tetravalent rhenium by means of a divalent chromium salt solution [with summary in English]. V. A. Zarinskii, V. A. Froikina. Zhur. anal. khim. 17 no. 1;75-79 Ja-F '62.

RHENIUM—ELECTROMETALLURGY
Using currents of alternating polarity in the electrolytic preparation of rhenium powder. S. I. Skliarenko, I. I. Lavrov, IU. P. Shamagin. Izv. vys. ucheb. zav.; tsvet. met. 5 no. 1 111-114 '62.

RHENIUM COMPOUNDS
Synthesis and investigation of rhenium (IV) aminohalides Production and properties of rhenium dipyridinetetrabromide G. K. Babeshkina, V. G. Tronev. Dokl AN SSSR 142 no. 2;344-346 Ja '62.

RHENIUM CRYSTALS
Study of the fine crystalline structure in deformed rhenium I. N. Frantsevich, I. E. Shtanovskaia. Dokl. AN SSSR 142 no. 6 1291-1293 F '62.

RHEOLOGY
One class of nuclei and the contact problem of mathematical rheology [with summary in English]. M. I. Rozovskyi. Dop. AN URSR no. 2;183-186 '62.

RHEOPYRINE
Excretion of 17-ketosteroids with the urine in mud bath and rheopyrine treatment of infectious nonspecific (rheumatoid) arthritis at the Muyaldy Health Resort. P. M. Vaintswaig. Zdrav. Kazakh. 21 no 5,44-47 '61.

RHEUMATIC FEVER
Basic measures for the prevention of rheumatism in children. O. D. Sokolova-Ponomareva. Pediatriia 41 no. 3 3-8 '62.
Bicillin treatment of focal infections of the nasopharynx in the prevention of relapses in rheumatism [with summary in English]. Z. A. Zal'tsman. Sov. med. 25 no. no. 12;86-90 D '61.
Causes of relapses in rheumatism in tonsillectomized children [with summary in English]. E. I. Vokova. Sov. med. 25 no. 12;103-107 D '61
Cerebral rheumatism (with summary in English). A. Panov. Pediatriia 41 no. 3 49-52 '62.
Clinical aspects and pathomorphology of the First attack of rheumatism in a 14-month-old child. G. G. Nepriakhin, A. I. Shvareva, V. P. Krivtsun. Kaz. med. zhur. no. 6 50-52 N-D '61.
Clinical evaluation of the mucoproteins in the blood in rheumatism in children. T. P. Borisova, T. A. Korduban. Pediatriia 41 no. 3 15-22 '62.
Comparative influence of various preparations on indexes of immunobiological changes and connective tissue conditions in rheumatic fever patients [with summary in English]. A. F. Loshchinskii, E. S. Pavlova. Terap. arkh. no. 12;35-42 '61.
Effect of pyramidon on the composition of peripheral blood in rheumatic fever in children. F. Bogomolova. Zdrav. Kazakh. 21 no. 6;51-52 '61.
Effectiveness of reserpine in treating children with rheumatism [with summary in English] L. F. Berezhkov. Pediatriia 41 no. 3;33-39 '62.
Importance of chronic focal infection in the course of rheumatism in children in a local sanatorium [with summary in English]. E. I. Volkova. Pediatriia 41 no 3;22-26 '62.
Prevention of rheumatic fever in adults. E. I. TSukershtein, V. M. Karlinskii. Zdrav. Kazakh. 21 no. 5;5-8 '61.
Problems in the prevention of recurrent and progressive rheumatism in children Z. I. Edel'man Pediatriia 41 no. 3 8-14 '62
Serum proteins and protein fractions in rheumatic fever with circulatory insufficiency. IA. F. Buglova. Zdrav Bel 7 no 8;14-17 Ag '61
Some problems in exercise therapy in rheumatism in children. M. B. Kogan, L. L. Muginova. Pediatriia 41 no. 3 45-48 '62.
Treatment of children during the active phase of rheumatism with dexamethasone (Preliminary report) A. V Dolgopolova, N. N. Kuz'mina Pediatriia 41 no 3 39-44 '62

RHEUMATIC HEART DISEASE
Carbon dioxide content in the arterial blood and its diffusion in the lungs in rheumatic carditis Report No. 2 D. A. Valimukhametova. Terap arkh. no. 9;45-49 '61
Changes in the clinical and anatomical picture of cardiac rheumatism during the past 10-15 years [with summary in English] T. I. Meerzon, N. N. Pokrovskaia Terap. arkh no. 12 23-30 '61.
Diagnosis of the active phase of the cardiac form of rheumatic fever [with summary in English] O. I. Glazova and others. Terap. arkh no. 12 30-35 '61
Practical value of functional load tests in oxyhemometry in rheumatic carditis Report No. 3 [with summary in English] D. A. Valimukhametova. Terap. arkh. no 9; 50-55 '61.
Role of therapeutic measure in chronic tonsillitis and anginas in the compound treatment of rheumatic carditis [with summary in English]. L. I. Gefter. Terap. arkh. no 9,42-45 '61.
Simultaneous determination of three streptococcal antibodies — antistreptokinase, bacterial antihyaluronidase and antistreptolysin-O — in the blood serum in acquired heart defects E. P. Stepanian, M. N Privalenko, M. V. Petrosian Khirurgiia no 2 13-18 '62
Some blood coagulation factors in mitral defects of the heart of rheumatic etiology [with summary in English]. S. A. Kolesnikov, E. P. Stepanian Vest. khir. no. 2 3-6 '62.

RHEUMATISM
Change in the protein fractions of the blood serum in rheumatism [with summary in English]. IU. A. Gorinev. Terap. arkh. no 7;56-62 '61

RHEUMATISM—CONGRESSES
All-Union Rheumatology Conference in Moscow, January 23-27, 1961. A. I. Nesterov. Vest. AMN SSSR 16 no. 11;93-95 '61.

RHINOCEROS
In search of the rhinoceros. U. Ullrich, W. Ullrich. Vokrug sveta no. 5;18-21 My '61.

RHODESIA, NORTHERN—POLITICS AND GOVERNMENT
Rhodesian trick of London. O TSvetaev. Nov. vrem 20 no. 12 9-10 Mr '62

RIABKOV, VLADIMIR NIKOLAEVICH
Medals and goroda. G. Popov. Neva no. 8;217-218 '61.

RIBOFLAVIN
Characteristics of flavine synthesis by the yeast Candida tropicalis var rhagii G. M. Shavlovskii, E. M. TSarenko, I. S. Fiktash. Dokl. AN SSSR 142 no. 4 940-943 F '62
Spectral characteristics of vitamins B_1 and B_2. N. P. Ivanov, G. K. Il'ich. Lab. delo 8 no 2,24-27 F '62

RIBS—FRACTURE
Treatment of severe disorders of the thoracic wall and organs of the thorax. M. S. Raevskii. Grud. khir. no. 5;106-109 '61.

RIBS—SURGERY
Instruments for infrathoracic resection of the ribs. A. V. Dubrovskii. Grud. khir. no. 5;120-122 '61.

RICE
(see also subdivision under Indonesia)
"Nankin-105V" rice planter. I. P. Bezruchkin. Trakt. i sel'khozmash. 32 no. 2;47-48 F '62

RICKETS
(see also subdivision under Kazan)
Course of dysentery in children affected with rickets. B. Karakhodzhaev, F. S Vlasikov, G. Salikhbaeva. Med. zhur. Uzb. no. 2;67 F '60.
Thiamine metabolism in children with rickets and dystrophy. V. I. Belousova. Kaz. med. zhur. no. 4;51-53 Jl-Ag '61.

RICKETTSIA
Influence of pentoxyl on the elaboration of antibodies (agglutinins) in experimental immunization with Rickettsia prowazeki. B. IU. Kalinin. Zhur. mikrobiol., epid. i immun. 32 no. 9;138-139 S '61.
Method for producing purified live cultures of R. burneti. A. I. Polozov, A. I. IAkovlev. Vop. virus. 6 no. 6;746-748 N-D '61.
Observations of a strain of Rickettsia prowazekii with decreased pathogenicity [with summary in English]. V. A. Pshenichnov. Vop. virus. 6 no. 6;724-728 N-D '61.

[illegible] Interest
[illegible] for the [illegible]
[illegible] B Dobrov [illegible]

[illegible] problems
[illegible] tions on
[illegible] U. L. Fridlin. Dokl. Akad. SSSR
[illegible] problems for
[illegible] Kiev and near-
[illegible] SSSR 142 no 4 795-801
[illegible]

[illegible]
[illegible] Ukrain. SSR

[illegible] Collected Works
[illegible] TUM [Collection on the architecture of Riga;
[illegible] and building of Riga at the
[illegible] of the 19th century]
[illegible] XVIII - nachalo XIX v. Riga,
[illegible] Latvii. gos. SSR, 1961 379 p.

RIGA—CITY PLANNING
[illegible] RUM [Collection on the architecture of Riga;
[illegible] and building of Riga at the
[illegible] of the 19th century]
[illegible] XVIII - nachalo XIX v. Riga,
[illegible] Latvii. gos. SSR, 1961 379 p.

RIGA—CITY RECORDS
[illegible] Riga, Kraikh. spravochnik
[illegible] Izd-vo, 1960 286 p.

RIGA—DESCRIPTION
[Riga, the Baltic coast, the Kemeri region;
[illegible] Riga-Yurmalinskoe
[illegible] 78 p.
[illegible]

[illegible] Izd-vo, 1959 78 p. illus.,
[illegible]

RIGA—MEDICAL RESEARCH
[illegible] Zhurn. mikrobiol.
[illegible]
[illegible] Trans. from the Journal of the History of
[illegible] Akad. Nauk Latv. SSR no 11 138
[illegible]

RIGA—RESTAURANTS, LUNCHROOMS, ETC.
[illegible] Obshchestv. pit
[illegible]

RIGA—SOCIALIST COMPETITION
Andrianov, V. A. [Riga and Tallin] Riga - Tallin, Riga, Latvii. gos. izd-vo, 1961 73 p. (Po dorogam [illegible])

RIGA—STREETCARS
[illegible] mol 30 no 1 11 '62.

RIGA—VIEWS
Riga. Riga, Latvijas Valsts izdevnieciba, 1961. 15 p. illus.
[illegible] [Text in three languages] 35 p.

RIGHT OF PROPERTY
Maslov, V. F. [Right of ownership and the use of private property in the U. S. S. R.] Osushchestvlenie i zashchita prava lichnoi sobstvennosti v SSSR. Moskva, Gos. izd-vo yurid. lit-ry, 1961. 235 p.
The rights of private property and inheritance in the "Basic Principles of the Civil Law of the U. S. S. R. and the Union Republics." B. Artimonov, K. Grave. Sov. yust. no 3 2-4 F '62.

RIKHMAN, GEORG VIL'GEL'M, 1711-1753
[illegible] letters of the "thunder matter." IU. Roman'kov. Priroda [illegible] 24 no 12 48 D '61.

RIKHTER, SVIATOSLAV TEOFILOVICH, 1914-
Del'son, V. IU. Sviatoslav Rikhter. Moskva, Gos. muzykal'noe izd-vo, 1961 121 p.

RINGS (ALGEBRA)
Characteristic of a ring of all continuous functions on a bicompact. E. A. Gorin. Dokl. AN SSSR 142 no 4 781-784 F '62.
Distributions of simple ideals. E. K. Fogels. Dokl. AN SSR 140 no 5 1029-1032 O '61.
Multiplicative semigroups of rings. S. R. Kogalovskii. Dokl. AN SSSR 140 no. 5, 1035-107 O '61.
Principle of symmetrization for a ring and some of its applications [with summary in English]. L. P. Mituk. Dop. AN URSR no 1 9-11 '62.

RISERS (FOUNDING)
Irregularity of feeder performance. Zh. V. Tokarev, G. M. Pavlitskii. Lit. proizv. no. 2 27-28 F '62.

Tolerances for the flame cutting of riser-heads on steel castings. V. F. Ponomarev. Lit. proizv. no. 2 11 F '62.

RIVERS
Annual distribution of ion discharge in rivers of the U. S. S. R. O. A. Alekin, L. V. Brazhnikova. Gidrokhim. mat. 34 12-18 '61.
Genetic basis for establishing types of the water regimen of rivers in the U. S. S. R. P. S. Kuzin. Sbor. trab. po gidrol. no. 1 23-31 '59.

RIVETS AND RIVETING
Shinkevich, N. I., ed. [Manual on welded, threaded and riveted joints] Spravochnoe posobie po svarnym, rez'bovym i zaklepochnym soedineniiam. Minsk, Izd-vo M-va vysshego, srednego spetsial'nogo i professional'nogo obrazovaniia BSSR, 1961 298 p.

ROAD CONSTRUCTION
(see also subdivision under Afghanistan; Latvia; Near East, Russia, Northern, Uzbekistan)
All-Union Conference of Constructors. I. T. Efimov. Avt. dor. 25 no 2 1-3 F '62.
Babkov, V. F. [Modern highways] Sovremennye avtomagistrali. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961 230 p.
Construction of rural roads. D. Belichenko. Sel'. stroi. 16 no. 12, 15 D '61.
Cooperation of road designers, constructors and managers should be closer. D. Kalinin. Avt. dor. 25 no. 2 30 F '62.
The the Council on Coordination of Scientific Work in the Field of Construction and Architecture. Visnyk ABiA URSR no. 4, 70 '61.
Effect of the rate of the growth of stresses on the strength of stabilized soils. A. N. Margolit'ev, T. IU. Liubimova. Avt. dor. 25 no 2 25-27 F '62.
Every club should have a cinder track. V. Karnaev. Za rul. 20 no 1 16d Ja '62.
Further development of automation in road construction. M. Veitsman. Avt. dor. 25 no. 1, 9-10 Ja '62.
Gumenskii, B. M., and G. F. Novozhilov. [Thixotropy of soil and its calculation in the construction of roads and road bridges] Tiksotropiia gruntov i ee uchet pri stroitel'stve avtomobil'nykh dorog i mostov. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961 106 p.
Kniaziuk, K. A. [Use of dirt in the construction of road pavements and subgrades] Primenenie gruntov v stroitel'stve dorozhnykh pokrytii i osnovanii. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transporta i shosseinykh dorog RSFSR, 1961 90 p. (Obmen tekhnicheskim opytom dorozhnykh khoziaistv)
Mechanized planing of bank slopes. V. L. Kurochkin. Avt. dor. 25 no 2 15 F '62.
Road news. Avt. dor. 25 no. 1 3 of cover Ja '62.
Unused potentialities of the growth of labor productivity in road construction. IU. A. Petrov-Semichev. Avt. dor. 25 no 1 14-15 Ja '62.
Urgent tasks before us. Avt. dor. 25 no. 1 1-3 Ja '62.

ROAD CONSTRUCTION—BIBLIOGRAPHY see Bibliography—Road construction

ROAD CONSTRUCTION WORKERS
Scraper operator Ivan Bozhko is an outstanding fighter for the seven-year plan. I. Karachentsev. Avt. dor. 25 no. 2 9 F '62.
Work better in the new year. B. F. Beliaev, E. V. Aksinovich. Avt. dor. 25 no. 2 8-9 F '62.

ROAD MACHINERY
Elongated trailer-type planer. V. T. Mikhailov. Avt. dor. 25 no. 2 16 F '62.
For the achievement of an over-all mechanization. I. P. Borodachev. Avt. dor. 25 no. 2 4-7 F '62.
Moscow. Vystavka dostizhenii narodnogo khoziaistva SSSR. [Catalog of new building machinery recommended for use] Al'bom-katalog novoi stroitel'noi tekhniki, rekomenduemoi k vnedreniiu. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam.
No. 5 [Building and road machinery. Equipment for small-scale mechanization] Stroitel'nye i dorozhnye mashiny. Sredstva malot mekhanizatsii. 1961. 104 p.
New equipment for working pits along the road. I. IA. Kolker, A. A. Dudko. Avt. dor. 25 no 1 16-19 Ja '62.
A valuable seminar. V. Sheliubskii. Avt. dor. 25 no. 2 32 F '62.

ROAD MACHINERY—TECHNOLOGICAL INNOVATIONS
For the achievement of over-all mechanization (to be continued). I. P. Borodachev. Avt. dor. 25 no. 1 4-8 Ja '62.

ROAD MATERIALS
(see also subdivision under Baltic States; Leningrad Province)
Slavutskii, A. K. [Local materials in the building of automobile roads] Mestnye materialy v stroitel'stve avtomobil'nykh dorog. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 121 p.

ROAD MATERIALS—TESTING
Volkov, M. L., and E. N. Panteleev. [Manual for laboratory testing of road materials] Posobie k laboratornym rabotam po laptyanitu dorozhno-stroitel'nykh materialov. Ed. 2. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961 333 p.

ROAD ROLLERS
Ukraine. Ministerstvo stroitel'stva. Tekhnicheskoe opisanie. [Operation and maintenance of motor rollers] Rabota na motornykh katkakh. Pod red. A. P. Degtiareva. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 86 p.

ROADS
Babkov, V. F. [Modern highways] Sovremennye avtomagistrali. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961 230 p.
Bikulia, A. K., N. IA. Govorushchenko, and D. V. Prianishnikh. [Highways and their use] Ekspluatatsionnye kachestva avtomobil'nykh dorog. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961 131 p.
Romanenko, I. A. [Technical and economic bases for location of highway systems] Tekhniko-ekonomicheskie obosnovanie razmeshcheniia setei avtomobil'nykh dorog. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961 140 p.
Seminar for young specialists. V. Liubavtsev. Avt. dor. 25 no 2 42 F '62.
Stability of earth roadbed and weather and climate conditions. A. I. Bondarenko, V. A. Olekhnovich. Avt. dor. 25 no 2 18 F '62.

ROADS—BIBLIOGRAPHY see Bibliography—Roads

ROADS—DESIGN
Hos, Miloslav, and Vladimir Vesely. [Highway lay-out with attention to landscape] Trasirovanie dorog s uchetom landshafta. Pod red. N. V. Ormistskogo. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transporta i shosseinykh dorog RSFSR, 1961 111 p.
More simple and precise solution. S. Shimol'fenig. Avt. dor. 25 no 1, 12 Ja '62.

ROADS—MAINTENANCE AND REPAIR
New aspects in the evaluation of regular repair and maintenance of highways. III. M. Musienko. Avt. dor. 25 no 2 21-22 F '62.

ROADS, CONCRETE see subdivision under Kazakhstan

ROADSIDE IMPROVEMENT
Eliminate shortcomings in tree planting. A. P. Snigirev. Avt. dor., 25 no. 2 19-20 F '62.
Intensify roadside planting of highways. N. Vigovskii. Avt. dor., 25 no. 2 19 F '62.
The most valuable species should be planted on roadsides. I. IA. Moroz. Avt. dor. 25 no. 2 20 F '62.
Using mechanized sowing of grass seed for protecting bank slopes. D. Zavadskii. Avt. dor. 25 no 4 11 F '62.

ROCK DRILLS
(see also subdivision under Donets Basin)
Drilling rig with automatic devices for borehole sinking. N. I. Kazkov and others. Shakht. stroi. 6 no. 2 12 F '62.
Explosion in the mine. A. Osipov. Ugol'. tekh. 6 no 2 32 '62.
Improving the rock cutters for rotary drilling of boreholes. M. D. Snovedskii. Ugol' 37 no. 1 42-44 Ja '62.
The PT-45VS multiple percussion stopes (with wet dust settling). Shakht. stroi. 6 no. 2 of cover F '62.
Physical characteristics of the breakage of rocks in general with the cutting tool. A. D. Imas, V. P. Solomko. Ugol' 37 no 2 24-28 F '62.
Study of new hard-alloy brands for air-percussion boring. G. S. Kreimer and others. Sbor. trud. VNIIG no. 2 7 14 '60.
The TP-5a stoper. Shakht. stroi. 6 no. 2 3 of cover F '62.

ROCK PRESSURE
(see also subdivision under Dzhezkazgan District; Kizel Basin)
Deformations in intermittent headings in connection with the different methods of their protection. N. F. Baskin. Ugol' 37 no. 3 18-20 Mr '62.
Determination of external loads acting on caving columns. L. B. Izmailov. Trudy GiproNII no. 10 12-20 '61.
Determination of the load on the support of a shaft. Zh. S. Erzhanov. Izv. AN Kazakh. SSR. Ser. gor. dela no. 3 22-26 '61.
Determining rock deformation allowing for cleavage and stratification in the vicinity of stopes. V. A. Matveev, V. F. Trumbachev, R. I. Khaimova-Maliborskaia. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 1 171-173 Ja-F '62.
Determining the working load on the supports used in roof caving. V. I. Kravchenko. Ugol' Ukr. 6 no. 2 6-9 F '62.

ROCK PRESSURE (Continued)

Effect of a shifting rock mass on a retaining wall. IU. A. Onishchenko Sbor. trud Inst. gor dela AN URSR no. 6-75-82 '61.

Katsaurov, I. N. [Rock pressure in vertical shafts] Gornoe davlenie v vertikal'nykh stvolakh. Moskva, Gos nauchno-tekhn izd-vo lit-ry po gornomu delu, 1961 153 p.

Leningrad. Gornyi institut. [Theory of rock pressure] Voprosy teorii gornogo davleniia. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 296 p.

Manifestation of the rock pressure in connection with the performance of the arched shield IU. D. Belov, I. G. Tkashev Ugol' 37 no 2:15-17 F '62.

Measuring wall rock displacements in stopes for studying rock pressure. N. G. Rusakov Sbor. trud Inst. gor dela AN URSR no. 8:58-65 '61

Mechanism of the protective action of in advance mining of adjacent seams. A. V. Artemov Ugol' 37 no 1 48-52 Ja '62.

Method of calculating rock pressure in horizontal workings N A TSvylev. Trudy NPI 113 13-27 '61.

Methods of rock pressure control in steeply dipping seams. O. V. Kolokolov. Ugol' Ukr 6 no. 1 10-11 Ja '62.

"Outburst" of coal seams in the Donets Basin mines. N. R. Bel'skaia, L. N. Karagodin, P. A. Troitskii. Ugol' 37 no 2,43-47 F '62

Preliminary water injection into the seam as a means of preventing pressure bumps L. V. Kucherskii Ugol' 37 no 3 52-54 Mr '62.

Pressure determination based on the deformation of supports M M Vial'tsev Trudy NPI 113 29-38 '61.

Pressure of a massif around chambers in working contiguous deposits. A. Ch. Musin, N. P. Dolgikh Izv. AN Kazakh. SSR, Ser. gor. dela no 2:3-15 '61.

Resistant shape of development workings in deep mines. G. S. Kul'chik, V. I. Pechkovskii Ugol' Ukr 6 no 1: 21-23 Ja '62.

Rock pressure on underground structures. E. I. Teplitskii. [Trudy] NIIOSP no 41 52-92 '59.

Soil pressure on underground structures which are symmetrical in respect to the vertical axis G. K. Klein. [Trudy] NIIOSP no. 11 7-17 '59

Some methods for the experimental determination of rock pressure. K. L. Ter-Mikaelian. [Trudy] NIIOSP no. 41:18-32 '59.

ROCK PRESSURE—MEASUREMENT

Measuring the rock pressure on ring supports. F. A. Belaenko, V. T. Glushko, A. N. Zorin. Ugol' Ukr. 6 no. 2:16-17 F '62

ROCK SALT—OPTICAL PROPERTIES

Change in the spectral distribution of optical density caused by light scattering in plastic deformation of rock salt crystals R. I. Garber, V. S. Kitaigorodskii Kristallografiia 7 no. 1:142-144 Ja-F '62

ROCKET PLANES

Moscow - Vladivostok in two hours. Tekh. mol. 30 no. 1:12 '62.

ROCKETS (AERONAUTICS)

[Problems of rocket engineering; translations and surveys of foreign periodical literature.] Vop. raket. tekh., sbor. perev. i obz. inostr. period. lit. 12 no. 1-2 '62.

Soviet rockets serve science. M. Kroshkin. Starsh.-serzh. no 9:6-7 S '61.

ROCKETS (AERONAUTICS)—FUEL

Papok, K. K., and E. G. Semenido, eds. [Motor, jet, and rocket fuels] Motornye, reaktivnye i raketnye topliva. 4., perer. i dop. izd. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, 1962. 741 p.

ROCKETS (AERONAUTICS)—MODELS

Rocket constructors in the Kuban. D. Ivannikov. IUn. tekh. 6 no. 1 18-21 Ja '62.

ROCKETS (AERONAUTICS)—RAMJET ENGINES

Mazing, G. IU. [Ram-jet engines] Vozdushno-reaktivnye dvigateli. Moskva, Voen izd-vo M-va oborony SSSR, 1961. 68 p. (Za voenno-tekhnicheskie znaniia)

ROCKETS (ORDNANCE)

(see also subdivision under Japan; United States)

"Air-to-air" rockets. A. Grigor'ev. Voen. znan. 38 no. 3:24-25 Mr '62

Dependable shield of our country. V. Zhukov. Voen. znan. 38 no. 2:25-26 F '62.

The forest heated. V. Orlov. Starsh.-serzh. no. 11:11 O[s. c. N] '61.

[New advances in military technology for youthful readers] Molodezhi o novom v voennoi tekhnike. Moskva, Izd-vo DOSAAF, 1961 342 p.

Our "katiusha." I. Prokopov. Starsh.-serzh. no. 11:11 O[s. c. N] '61.

Rocket carriers. Voen. znan. 38 no. 1:22 Ja '62.

Sometimes the successful launching of rockets depends on several seconds. I. Lukerchik. Komm. Vooruzh. Sil 2 no. 5-58-60 Mr '62.

We do our duty with honor. K. P. Kazakov. Vest. protivovozd. obor. no. 10:35-39 O '61.

ROCKS see subdivision under Altai Mountains, Ural Mountains

ROCKS—ANALYSIS

Using the gravimetric method in the mineralogical analysis for the determination of the titanium content in rocks. V. G. Chuprova. Mat. po min. Kol'. poluost 1:166-175 '59.

Verifying the results of rock chemical analyses. A. S. Sakharov. Mat. po min. Kol'. poluost 1:157-165 '59

ROCKS—MAGNETIC PROPERTIES

Magnetic stability of single-component and two-component artificial systems S. IU. Brodskaia, M. A. Grabovskii Izv. AN SSSR Ser. geofiz. no. 1:54-66 Ja '62

ROCKS—PERMEABILITY

Effect of a change in the permeability of a layer and interlayer on fluid flow [in Azerbaijani with summary in Russian]. K. I. Kuliev Azerb. neft. khoz 40 no 8 26-29 Ag '61

ROCKS—TESTING

Attenuation of ultrasonic waves at high frequencies in rock specimens. A. L. Levykin. Izv. AN SSSR Ser. geofiz no 3 389-391 Mr '62

Calculation of the parameters of a micropenetrometer. M. I. Voltsekhovskii Vop. gidrogeol i inzh. geol no. 19:149-152 '61

Determination of the drillability of rocks on the basis of their physical and mechanical properties. N. A. Kudria Vzryv. delo no. 47/4 256-273 '61.

Effect of unilateral pressure on the natural oscillation frequency of rock specimens. A. G. Konstantinova. Izv. AN SSSR Ser. geofiz. no 1 23-29 Ja '62

Experimental study of the distribution of the number of cracks in relation to the energy released during the destruction of rocks S. D. Vinogradov Izv. AN SSSR Ser. geofiz no 2 171-180 F '62.

Investigating the creep of rocks. Zh. S. Erzhanov. Vest. AN Kazakh. SSR 18 no. 1:46-52 Ja '62

Rapid method of determining the hardness of rocks. I. S. Pinegonov. Trudy GrozNII no. 10 30-12 '61.

Relation between the energy of elastic pulses generated during the destruction of solid bodies and the stress and size of ruptures G. A. Konstantinova Izv. AN SSSR. Ser. geofiz. no 2 194-196 F '62.

ROCKS, CARBONATE

(see also subdivision under Caucasus, Northern)

Principal effects of the reaction of hydrochloric acid with carbonate rock. D. N. Kuz'michev. Trudy GrozNII no. 10 194-200 '61.

Relationships between the niobium, uranium, and thorium contents in rare metal carbonatites N. N. Borovko Zap. Vses. min. ob-va 90 no 6-637-642 '61.

ROCKS, CRYSTALLINE AND METAMORPHIC

(see also subdivision under Caucasus, Northern; Ural Mountains)

Absolute age of metamorphic rocks in the northeast of the U. S. S. R. and manifestations of multiple metamorphism. L. V. Firsov. Dokl. AN SSSR 143 no 1 204-206 Mr '62

Some possibilities of gravity prospecting in studying the structure of crystalline basement I. G. Klushin. Zap. LGI 39 no 2:99-100 '61.

ROCKS, IGNEOUS see subdivision under Altai Mountains, Caucasus; Gissar Range, Kazakhstan; Lovozero Tundras; Pshekha Valley; Siberia, Eastern; Transbaikalia; Ural Mountains; Yenisey Ridge

ROCKS, IGNEOUS—ANALYSIS

Additional formulas introduced into E. A. Kuznetsov's method for the conversion of the composition of igneous rocks. S. D. Chetverikov. Vest. Mosk. un. Ser. 4:Geol 17 no. 1:36-39 Ja-F '62.

ROCKS, SEDIMENTARY

(see also subdivision under Donets Basin, Kuban; Kuznetsk Ala-Tau; Russian Platform)

Jurassic lithologic formations of the world. A. B. Ronov, V. E. Khain. Sov. geol. 5 no. 1:9-34 Ja '62

Rukhin, L. B. [Fundamentals of lithology; the theory of sedimentary rocks] Osnovy litologii; uchenie ob osadochnykh porodakh. Izd. 2., perer. i dop. E. V. Rukhina. Pod red. N. B. Vassoevicha. Leningrad, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 779 p.

ROCKS, SEDIMENTARY—CLASSIFICATION

Systemizing structures of sedimentary rocks. M. S. Shvetsov. Izv. vys. ucheb. zav., geol. i razv. 4 no. 12:40-42 D '61

RODENTIA see subdivision under Borzhava Valley; Chernogora Range; Upper Angara Valley

RODENTIA—MICROBIOLOGY see subdivision under Leningrad

RODENTIA—PARASITES see Parasites—Rodentia

RODIONOVKA REGION (ZAPOROZH'YE PROVINCE)—GEOLOGY

A case of occurrence of the ancient Black Sea beach at a high elevation on the Berda River N. N. Karlov Dokl. AN SSSR 143 no 1 179-180 Mr '62.

ROGOV, ALEKSANDR ALEKSEEVICH, 1901-

Aleksandr Alekseevich Rogov (on his 60th birthday). Fiziol. zhur 48 no. 1:115-116 Ja '62.

ROLLER BEARINGS

Davlatkov, V. F. [Axle box with roller bearings of a reduced size for freight cars] Buksa s rolikovymi podshipnikami umen'shennykh gabaritov dlia gruzovykh vagonov. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 15 p.

ROLLING (METALWORK)

Analysis of formulas for the determination of specific metal pressure on rolls. A. P. Chekmarev, V. A. Tokarev. Trudy Inst. chern. met AN URSR 15:16-45 '61

Applying graphs of the type $p_{mean} = \phi\left(\frac{1d}{h_{mean}}\right)$ for processing experimental data on the determination of the mean specific pressure in rolling. N. P. Spiridonov. Trudy Inst. chern. met. AN URSR 15-52-67 '61.

Determination of mean specific pressure in hot rolling with smooth rolls. N. P. Spiridonov. Trudy Inst. chern met AN URSR 15,46-61 '61

Determining the width of slabs rolled on the barrel in blooming mills V. M. Klimenko. Trudy Inst chern met AN URSR 15:144-157 '61.

From practices of producing 19G steel at the Kommunarskiy Metallurgical Plant E. A. Klausting and others Stal' 22 no 2:155-159 F '62

Increase in width during the rolling of strips of variable thickness I. IA. Tarnovskii, V. K. Smirnov, V. L. Kotsar', Izv. vys. ucheb. zav., chern. met. 5 no. 1:101-111 '62.

Increase in width in the process of copper flattening L. S. Vatiushin. Izv. vys. ucheb. zav., tsvet. met 5 no 1 142-149 '62.

Intensification of the rolling of beam shapes. A. P. Chekmarev, V. A. Tarinov, A. V. Malakhin. Trudy Inst. chern. met. AN URSR 15:68-82 '61.

Investigating the parameters of continuous rolling with pull. A. P. Chekmarev, V. P. Grechko. Trudy Inst. chern. met. AN URSR 15 125-136 '61

Investigating the widening of brass during hot rolling. G. N. Kruchek, IU. K. Uzenev. Trudy Giprotsvetmetobrabotka no 20 200-207 '61

Rolling of bimetal rods with a strong steel core I. K. Lazarev Stal' 22 no 2 145-146 F '62

Rolling of R-24 rails made of semikilled steel E. A. Demidovich. Metallurg 7 no 3 23-25 Mr '62

Relation of maxima angles of grip to the thickness of the strip being rolled A. P. Gludev, IU. V. Zil'berg. Izv. vys. ucheb. zav., chern. met. 6 no. 1:112-120 '62

Saf'ian, M. M. [Hot rolling of sheets on continuous and semicontinuous rolling mills] Goriachaia prokatka listov na nepreryvnykh i polunepreryvnykh stanakh. Izd. 2., dopr. i dop. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1962. 380 p.

Specific metal pressure on rolls during the hot rolling of steel considering the speed and degree of deformation A. P. Chekmarev, V. I. Prokof'ev Trudy Inst. chern. met. AN URSR 15:3-11 '61.

Speed of deformation during rolling. A. P. Chekmarev, V. I. Prokof'ev. Trudy Inst. chern. met. AN URSR 15: 12-15 '61.

ROLLING MILLS

Efficiency of using hard-faced steel and cast iron rolls on the 2800 rolling mill finishing stand. IU. I. Krivonosov. Metallurg 7 no. 3 27-30 Mr '62.

Efficient metal manufacture and the selection of ingots and slabs for plate mills A. P. Panov. Stal' 22 no 2: 152-153 F '62.

Filippov, I. N. [Work practices on linear rolling mills (wire rolling and light-section)] Opyt raboty na lineinykh stanakh (provolochnykh i melkosortnykh) Khar'kov, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 101 p.

Investigating force factors in rolling with cut grooves. A. P. Chekmarev, V. M. Klimenko, M. P. Toporovskii. Trudy Inst. chern. met. AN URSR 15:100-124 '61.

Moscow, TSentral'nyi institut informatsii chernoi metallurgii. [Rolling and pipe mills] Prokatnoe i trubnoe proizvodstvo. Pod red. L. E. Al'shevskogo i A. V. Istomina. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1962. 246 p. (Tekhnicheskii progress v chernoi metallurgii SSSR)

New roughing conditions on 950 blooming mills. A. P. Chekmarev and others. Trudy Inst. chern. met. AN URSR 15:189-199 '61.

Operation of heating furnaces of a medium sheet mill. M. L. Gapunik, V. A. Dudarev, E. I. Spivak Stal' 22 no. 2:176-176 F '62.

Type of continuous blooming mill. M. L. Zaroshchinskii. Stal' 22 no. 2:140-141 F '62.

Uncovering the performance potentialities of the three-high, "tandem 1000" cold rolling mills G. N. Kruchek, IU. K. Uzenev Trudy Giprotsvetmetobrabotka no 20. 208-217 '61.

ROLLING MILLS—ELECTRIC DRIVING

Blooming mill operations with individual roll drives. A. P. Chekmarev and others. Trudy Inst. chern met. AN URSR 15:177-188 '61.

ROLLING MILLS — ELECTRIC DRIVING (Continued)
"Specific consumption of power in cold rolling" by A. V. Tret'iakov, B. E. Lokshin, M. A. Beniakovskii. Reviewed by A. G. Mirer. Stal' 22 no. 2:153-154 F '62.

ROLLING MILLS — EQUIPMENT AND SUPPLIES
Torent'ev, V. S., and M. B. TSaliuk. [Thin sheet finishing mills] Ad"iustazh tonkolistovykh stanov; otdelochnye mashiny. Sverdlovsk, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 344 p.

ROLLING MILLS — SAFETY MEASURES
Industrial traumatism in rolling mills. M. M. Vorkel'. Metallurg 7 no. 3:35-36 Mr '62.

ROLLS (IRON MILLS)
Determining the height of rectangular grooves by the shape of lateral slab surfaces. V. M. Klimenko. Trudy Inst. chern. met. AN URSR 15:158-162 '61.
Forging bracket rolls with an automatic manipulator. G. M. Linkov, A. V. Orlov. Avt. prom. 28 no. 2:10-13 F '62.
Method of designing roll grooving with bite. V. M. Klimenko. Trudy Inst. chern. met. AN URSR 15:163-176 '61.
Total and unit pressure in rolling with cut grooves. A. P. Chekmarev, V. M. Klimenko. Trudy Inst. chern. met. AN URSR 15:83-106 '61.
Use of large cast steel rolls. A. V. Plankina, P. I. Belikov, P. I. Pshenichnov. Stal' 22 no. 2:141-145 F '62.

ROMADIN, NIKOLAI MIKHAILOVICH, 1903-
Nadoshvin, G. A. Nikolai Mikhailovich Romadin. Moskva, Sovetskii khudozhnik, 1961. 85 p.

ROMAN WALLS see subdivision under Moldavia

ROME — HISTORY
"Parthia and Rome; the origin of political dualism in the Near East" by A. G. Bokshonin. Reviewed by G. M. Livshits. Vop. ist. no. 3:146-147 Mr '62.

ROME — SOCIAL CONDITIONS
The social aspect of medieval Rome; according to the data of the census in 1527. N. A. Bortnik. Sred. veka no. 19:203-220 '61.

ROOFING, CONCRETE
(see also subdivision under Ukraine)
Akademiia stroitel'stva i arkhitektury SSSR. Institut betona i zhelezobetona, Perovo. [Handbook on the design of three-dimensional reinforced-concrete thin-walled roofs and spans] Instruktsiia po proektirovaniiu zhelezobetonnykh tonkostennykh prostranstvennykh pokrytii i perekrytii. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 334 p.

ROOFING, SLATE
Natural slate is the best roofing material. M. N. Mikhailov. Trudy Zap.-Sib. fil. AStA no. 3:72-80 '60.

ROOFS see subdivision under Rostov-on-Don

ROOFS, SHELL
Calculating a zero-torque spherical shell for wind load. G. I. Pshenichnov. Inzh. zhur. 1 no. 3:173-175 '61.
Zero-torque stressed state of a toroidal roof. V. IA. Pavlainen. Issl. po uprug. i plast. no. 1:52-61 '61.
Using a zero-torque theory in designing spheroidal roofs. V. IA. Pavlainen. Issl. po uprug. i plast. no. 1:82-84 '61.

ROOTS (BOTANY)
Development of corn root systems in the irrigated zone of Alma-Ata Province. V. M. Petrunin. Vest. sel'khoz. nauki [Kazakh.] 4 no. 11:47-53 N '61.
Plant root systems in turf-Podzolic and Chernozem soils. S. S. Il'in. Pochvy IUzh. Urala i Povol. no. 4:193-205 '60.
Roots of oak and its associated species in the Ostankino Oak Forest. R. A. Karpisonova. Biul. Glav. bot. sada no. 44:47-55 '61.
Speed of accumulation and decomposition of the root mass of alfalfa. N. Kh. Tunganaeva. Izv. AN Kazakh. SSR. Ser. bot. i pochv. no. 2:72-84 '61.
Studying the synthesis of Mg-porphyrins and Fe-porphyrins in isolated roots. B. A. Rubin, F. F. Gavrilenko, N. V. Guzhova. Dokl. AN SSSR 140 no. 5:1201-1204 O '61.

ROOTS OF EQUATIONS see Equations, Roots of

ROSEFISH
(see also subdivision under Newfoundland)
Developing the technique and recipes for the production of new preserve types from frozen rosefish. A. L. Petelina, S. A. Artiukhova. Trudy BalNIRO no. 7:185-192 '61.

ROSES
Changes in the polyphenolic complex of wild rose fruits in the process of fermentation by pectinase. N. V. Novotel'nov, M. T. Golovkina. Izv. vys. ucheb. zav.; pishch. tekh. no. 6:73-78 '61.

ROSTOV — FIREMEN
The men of Rostov's foremost fire department. M. Gusev. Pozh. delo 8 no. 2:15-17 F '62.

ROSTOV — SHOE INDUSTRY
Following the right road. V. Parchevskii. Mest. prom. i khud. promys. 3 no. 2:8-9 F '62.

ROSTOV — THEATER
Visiting Rostov. N. Morozova. Teatr 23 no. 2:107-108 F '62.

ROSTOV-ON-DON — POSTAL SERVICE — EMPLOYEES
The competition has become an effective force. M. K. Vasvolodov. Vest. sviazi 22 no. 3:27-28 Mr '62.

ROSTOV-ON-DON — ROOFS
Flat roofs on apartment houses. V. G. Khriakov. Izv. vys. ucheb. zav.; stroi i arkhit. 4 no. 6:168-171 '61.

ROSTOV PROVINCE — ACCOUNTING
Cooperation of the department of accounting with production. G. Maksimenko. Bukhg. uchet 18 no. 2:46-49 F '62.

ROSTOV PROVINCE — AGRICULTURE — AUDITING AND INSPECTION
Quality of auditing work must be improved. G. D. Maksimenko. Uchet i fin. v kolkhoz i sovkhoz. 19 no. 2:56-58 F '62.

ROSTOV PROVINCE — GRAIN — COSTS
Hidden potentialities for reducing grain costs on the "Gigant" State Farm. V. I. Shangin. Uchet i fin. v kolkhoz. i sovkhoz. 19 no. 1:47-52 Ja '62.

ROSTOV PROVINCE — INSULATING MATERIALS
"Termiz" is an effective local insulating material. Sel'. stroi. 16 no. 12:28 D '61.

ROSTOV PROVINCE — TEACHERS, TRAINING OF
Important means for the training of future teachers. S. F. Gustov. Nach. shkola 30 no. 2:67-70 F '62.

ROTARY KILNS see Kilns, Rotary

ROTATING AMPLIFIERS
Calculation of the auxiliary poles of a transverse field amplidyne. M. M. Tarashchanskii, V. IA. Elkenis. Vest. elektroprom. 33 no. 2:72-75 F '62.
Electromotive forces caused by the leakage flux in an armature with a double set of brushes. I. M. Sadovskii. Elektrichestvo no. 2:59-60 F '62.

ROTATION OF CROPS
(see also subdivision under Kuban)
Scientific basis of the row crop system in agriculture. V. E. Egorov. Biol. v shkole no. 2:71-77 Mr-Ap '62.
System overturned by practice; why is grassland farming fundamentally wrong? A. V. Sokolov. Priroda 51 no. 2:27-30 F '62.
The 13th Prianishnikov Lecture. Vest. AN SSSR 32 no. 3:106-107 Mr '62.
Viacheslavova, T. V., and N. N. Beliaev. [Correct crop rotation is the basis for high crop yields; from the practices of the Gatchina Variety Testing Station] Pravil'nyi sevooborot - osnova vysokikh urozhaev; iz opyta raboty Gatchinskogo sortouchastka. [Leningrad] Lenizdat, 1961. 61 p. (DA)

ROTORS — TESTING
Investigating the properties of the rotor metal of the EGTU-700 gas turbine after performing for 24,000 hours. L. F. Chernov. Konstr. i tekh. mash. no. 1:255-260 '61.

ROTORS — VIBRATION
Effect of the gaps in bearings and the eccentricity of masses on the vibration of rotors. M. F. Khromchenkov. [Trudy] MVTU no. 104:152-170 '61.

ROVENSKIY DISTRICT — BRONZE AGE
Burial mound in Rovnoye. I. V. Sinitsyn. Krat. soob. Inst. arkheol. no. 84:91-102 '61.

ROVENSKIY DISTRICT — MOUNDS
Burial mound in Rovnoye. I. V. Sinitsyn. Krat. soob. Inst. arkheol. no. 84:91-102 '61.

ROZHDESTVENKA (KAZAKHSTAN) — COOPERATIVE SOCIETIES
"Come to our village store." S. Maevskii. Koop. Kazakh. 4 no. 3:14-15 Mr '61.

ROZHDESTVENKA (KAZAKHSTAN) — STORES, RETAIL
Respect of your customers is the main thing. S. Iskakova. Koop. Kazakh. 4 no. 12:21-23 D '61.

ROZHISHCHE DISTRICT — ATHEISM
Contact with life. N. Petrovskyi. Voiov. ateist. no. 1:28-29 Ja '62.

ROZINŠ, F., 1876-1919
"F. Rozins, a pioneer of Marxist philosophy in Latvia" by V. Shteinberg. Reviewed by Z. I. Gintere, M. I. Sochnev. Vop. filos. 16 no. 3:176-178 '62.

RUANDA-URUNDI — ECONOMIC CONDITIONS
In Ruanda-Urundi. William Kingsley. Nov. vrem. 20 no. 10:27-29 Mr '62.

RUANDA-URUNDI — POLITICS AND GOVERNMENT
In Ruanda-Urundi. William Kingsley. Nov. vrem. 20 no. 10:27-29 Mr '62.

RUBBER
Automatic control of traces of large fractions in rubber compounding fillers. G. I. Bliakh, I. G. Grinman, A. IA. Gusev. Kauch. i rez. 21 no. 2:39-40 F '62.
Effect of the constancy of the specific volume of rubber on the character of its minor natural vibrations. V. I. Anulov. Kauch. i rez. 21 no. 2:13-14 F '62.
Interaction of di-2-benzothiazyl disulfide with rubbers of various structures. B. A. Dogadkin, M. S. Fel'dshtein, E. N. Beliaeva. Dokl. AN SSSR 142 no. 4:828-830 F '62.

RUBBER — TESTING
Conference on friction wear. M. M. Reznikovskii. Kauch. i rez. 21 no. 2:49 F '62.
Improving the evaluation of test results. I. L. Gofman. Kauch. i rez. 21 no. 2:47-48 F '62.
Relationship between the indices of equilibrium and non-equilibrium extension deformation of vulcanizates. G. T. Darovskikh, A. B. Kusov. Kauch. i rez. 21 no. 2:15-16 F '62.
Separate determination of silicon, iron and aluminum in raw resinous mixtures and vulcanizates from silicon rubber. R. A. Mogilevskaia, A. I. Nikitina. Kauch. i rez. 20 no. 9:39-40 S '61.
Studying the new properties of light porous rubber. Report No. 1. T. P. Shvetsova, S. A. Pavlov, B. A. Safrai. Izv. vys. ucheb. zav.; tekh. leg. prom. no. 1:40-49 '62.
Use of tensometric devices for measuring of rubber compounds in rubber mixers. R. IA. Sutin. Kauch. i rez. 21 no. 2:23-25 F '62.

RUBBER — THERMAL PROPERTIES
Thermal transformations of some rubbers studied by the method of thermomechanical curves. B. IA. Teitel'baum and others. Dokl. AN SSSR 140 no. 5:1132-1135 O '61.

RUBBER, RECLAIMED
(see also subdivision under Bobruysk)
Central panel for controlling the technological process of reclaiming rubber. M. A. Morozov. Kauch. i rez. 20 no. 9:50-52 '61.
Valuable initiative of the Chekhov Reclaimed Rubber Plant. I. A. Shokhin, M. A. Strongin. Kauch. i rez. 20 no. 9:58-59 S '61.

RUBBER, SYNTHETIC
(see also subdivision under Sumgait; Voronezh)
Activated kaolin and its use in rubber compounding. N. L. Lidel'nant and others. Kauch. i rez. 20 no. 9:46-49 S '61.
Determination of the structure regularity of lithium piperylene rubber based on the type of combination of 1,4 links. A. I. Likhachik, V. K. Smirnova, V. M. Zavalei. Zhur. prikl. khim. 35 no. 2:405-408 F '62.
Ion deposits of the rubber film made from synthetic latexes. V. F. Bocharov, G. A. Blokh. Izv. vys. ucheb. zav.; tekh. leg. prom. no. 1:22-27 '62.
Leningrad. Vsesoiuznyi nauchno-issledovatel'skii institut sinteticheskogo kauchuka. [Synthesis of latexes and their uses] Sintez latiksov i ikh primenenie. Pod red. A. V. Lebedeva, A. B. Peiznera, N. A. Fermora. Leningrad, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1961. 367 p.
News of science and equipment abroad. Kauch. i rez. 21 no. 2:53-58 F '62.
Present-day problems of synthetic rubber; synthesis of rubber for general purposes. B. A. Dolgoplosk, E. I. Tinikova. Khim. prom. no. 10:65-67 O '61.
Radiation vulcanization of butadiene-nitrile rubbers. A. S. Kuz'minskii, T. IA. Abramova, M. V. Zueva. Kauch. i rez. 20 no. 9:12-15 S '61.
Rapid method for the chemical analysis of butadiene-styrene rubbers reinforced with phenol-aniline-formaldehyde resins. E. S. Khoroshala and others. Plast. massy no. 2:67-68 '62.
Studying the properties of SKS-30 rubber preparations with high pressure polyethylene. Report No. 1. M. E. Krasnokutskaia, F. V. Bronshtein, G. V. Livyi. Izv. vys. ucheb. zav.; tekh. leg. prom. no. 1:29-33 '62.
Viscofluid properties of some rubbers and rubber mixtures. F. I. Gal'perin, E. S. Ol'shevskaia, A. V. Insarova. Kauch. i rez. 21 no. 2:10-12 F '62.
Vulcanizates of fluorocopolymers of the "Viton A" type containing benzoyl peroxide. A. S. Novikov, F. A. Galil-ogly, N. S. Gilinskaia. Kauch. i rez. 21 no. 2:4-10 F '62.

RUBBER, SYNTHETIC — TESTING
Effect of the degree of compression of rubber on the residual deformation and contact stress. B. M. Gorelik, M. F. Bukhina. Kauch. i rez. 20 no. 9:22-26 '61.
Effect of the temperature of plasticization of indene-coumarone resins on the properties of compounding ingredients from butadiene-styrol rubber and natrit. E. IA. Devirts, A. S. Novikov. Kauch. i rez. 20 no. 9:19-21 S '61.

RUBBER COATINGS

Rubber coating of metals. Tekh.mol 30 no.1:11 '62

Using rubber and ebonite for the protection of equipment from the action of chemical media S K. Zherebkov and others Standartizatsiia 26 no. 2 37-38 F '62

RUBBER GOODS
(see also subdivision under Sverdlovsk)

Effect of low temperatures on the airtightness of rubber linings. N. G. Koliadina, G. M. Bartenev. Kauch i rez 20 no. 9:27-31 S '61.

Technical and economic indices of the rubber goods industry for 1960. A. D. Shakh, A. F. Karaseva Kauch. i rez. 20 no. 9:41-45 S '61

RUBBER INDUSTRY

Calculating maintenance norms for the semiautomatic and continuous line production of rubber soles P. Pushkin, L. Polinkova. Biul. nauch. inform. trud i zar. plata 5 no 2:28-32 '62.

From science and technology abroad Kauch. i rez 20 no. 9:60-64 S '61.

RUBBER INDUSTRY—EQUIPMENT AND SUPPLIES

Central panel for controlling the technological process of reclaiming rubber. M. A. Morozov Kauch i rez. 20 no. 9:50-52 '61.

Improved device for determining the kinetics of vulcanization of compounding ingredients. A I TSvetkov, D. L. Fedjukin, N. V. Zakharenko Kauch. i rez. 20 no. 9:31-32 S '61.

Mechanism in a wire bead manufacturing machine for automatic removal of wire beads from molds. R M Bekker. Kauch. i rez. 20 no. 9:49-50 S '61

RUBBER INDUSTRY—LABOR PRODUCTIVITY

Technical and economic indices of the rubber goods industry for 1960. A. D. Shakh, A. F. Karaseva Kauch i rez. 20 no. 9:41-45 S '61.

RUBBER INDUSTRY WORKERS—DISEASES AND HYGIENE

State of health of workers in a factory for the manufacture of rubber products. T. A. Dmitrieva. Kaz. med. zhur. no. 5:74-75 N-D '61.

RUBBER TIRES see Tires, Rubber

RUBBERIZED FABRICS

Binding strength between a rubber covering and a carcasse and its effect on some properties of rubberized materials. V. G. Raevskii, M. G. Maizel's, S. S. Voiutskii. Kauch. i rez. 21 no. 2:17-23 F '62

RUBIDIUM FLUOBERYLLATE CRYSTALS

Crystalline structure of rubidium di(meta)-fluoberyllate $RbBe_2F_5$. V. V. Ilukhin, N. V. Belov. Dokl. AN SSSR 140 no. 5:1066-1069 O '61.

RUBIDIUM FLUORHENATE—SPECTRA

X-ray study of potassium and rubidium octafluorhenates. E. G. Ippolitov, P. A. Kozmin. Dokl. AN SSSR 142 no. 5:1081-1083 F '62.

RUBIES—SPECTRA

Piezoelectric spectroscopic effect in ruby crystals. A A. Kaplianskii, A. K. Przhevuskii. Dokl. AN SSSR 142 no. 2:313-316 Ja '62.

RUDENKO, DMITRII ARISTARKHOVICH, 1901-

The 70th birthday of Professor D. A. Rudenko. Avt. dor. 25 no. 1:31 Ja '62.

RUDNYA DISTRICT—SCHOOL EXCURSIONS

We know our district very well. N. Teterin. Nar. obr. no. 2:77-78 F '62.

RUDNYY (KAZAKHSTAN)—CONSTRUCTION INDUSTRY

Pave the way to construction industrialization. M. Solodukhin. Nar. khoz. Kazakh. 19 no. 12:44-46 D '61.

RUGOSA see subdivision under Donets Basin; Podolia

RUGS AND CARPETS see subdivision under Lyubertsy

RUGS AND CARPETS, KIRGHIZ

Kirghiz rugs. Dzh. Umetalieva. Izv. AN Kir. SSR, Ser. obshchestv. nauk 3 no. 1:87-93 '61.

RUMANIA—BIBLIOGRAPHY

[New literature on European people's democracies: Rumania.] Nov. lit. po evrop. stran, nar. dem.: Rum. no. 12 '61.

RUMANIA—COLLECTIVE FARMS

New features in Rumanian villages. Z. Mirskii. Nov. vrem. 38 no. 12 14-15 Mr '62

RUMANIA—COST AND STANDARD OF LIVING

Improving the welfare of the people in Rumania. A. Sirotkin Biul. nauch. inform.: trud i zar. plata 5 no. 1: 61-65 '62.

RUMANIA—DESCRIPTION AND TRAVEL

Through the eyes of a tourist. V. Zinchenko. Vnesh. torg. 42 no. 2:38-40 '62.

RUMANIA—FOREIGN RELATIONS—RUSSIA

[Visit of a party and government delegation of the Rumanian People's Republic to the U. S. S. R.] Prebyvanie partiino-pravitel'stvennoi delegatsii Rumynskoi Narodnoi Respubliki v SSSR, 31 iulia-12 avgusta 1961 goda, sbornik materialov. Moskva, Gos. izd-vo polit. lit-ry, 1961 227 p.

RUMANIA—HISTORY

"The birth of Rumania" [in English] by Florescu. Reviewed by V. N. Vinogradov Vop ist no 2:192-194 F '62

RUMANIA—HISTORY—PERIODICALS

"Studii," a Rumanian periodical. P. Constantinescu-Iași. Vop ist no 3 181-183 Mr '62

RUMANIA—LAW SCHOOLS

Legal education in the Rumanian People's Republic. V. Câmpeanu. Vest Mosk un Ser 10 Pravo 17 no 1: 65-71 Ja-Mr '62.

RUMANIA—LIBRARIES

Present-day status of library work in the Rumanian People's Republic. V. A. Ambartsumian Bibliotekoved i bibl. za rub. no. 8:5-31 '61

RUMANIA—MEDICINE

Some historical medical information from the time of Stephen the Great V. Manoliu, T Ghitan. Zdravookhranenie 4 no 6 52-56 N-D '61.

RUMANIA—NATIONAL PARKS AND RESERVES

Some problems of nature protection in the Rumanian People's Republic. V. N. Verina. Okhr. prir. Mold no. 1: 165-176 '60

RUMANIA—PETROLEUM

Oil Worker's Day in Rumania. Neftianik 7 no. 1:33 Ja '62.

RUMANIA—PETROLEUM INDUSTRY

Oil workers in the people's democracies. Neftianik 7 no 2 33 F '62.

RUMANIA—TECHNOLOGY

On the level with world achievements. Sil'vin Podina. Nauka i zhyttia 11 no 12 46-48 D '61.

RUMANIA—WORLD WAR, 1939-1945

Lebedev, N. I. [Rumania during the Second World War; history of her foreign relations and internal policy from 1938 to 1945] Rumyniia v gody vtoroi mirovoi voiny; vneshnepoliticheskaia i vnutripoliticheskaia istoriia Rumynii v 1938-1945 gg. Moskva, Izd-vo IMO, 1961. 318 p

RUMEN

Studying the decomposition of cellulose in the sheep rumen. V. A. Moiseev. Vest. AN Kazakh. SSR 18 no. 1:76-80 Ja '62.

RUMEN—MICROBIOLOGY

Effect of biovetin on the fauna of the rumen in lambs. I. A. Barabanov. Veterinariia 39 no. 1:60-62 Ja '62.

RUNOFF
(see also subdivision under Bogos Range; Caucasus, Northern, Dnieper River, Dzungarian Ala-Tau; Kazakhstan; Khram River, Volga River, West Siberian Plain; White Russia, Yergeni Hills)

Basic principles of the theory of the flow of underground waters. A. N. Befani Sbor. rab. po gidrol. no. 1:5-12 '59,

Calculating the real area of drainage basins with steep slopes. A. A. Sokolov, M. N. Zaslavskii. Sbor. rab. po gidrol. no 1:106-109 '59.

Determining the losses of snow-water runoff in short-range forecasts of maximum discharges for small rivers. A. I. Epshtein. Sbor rab. po gidrol no 1: 153-154 '59

Determining the underground component of the runoff of rivers from hydrochemical data. G. V. TSytsarin. Sbor. rab po gidrol. no 1:87-90 '59.

Diurnal variation of runoff in small rivers N. K Davydov. Sbor. rab. po gidrol. no. 2:129-130 '61.

Effect of different methods used in cultivating soil on slopes on the decrease of snow-water runoff. M. A. Shevchenko Meteor. i gidrol no. 2, 32-37 F '62.

Establishing the interrelationships of river waters and ground waters in analyzing river hydrographs. V. I. Rutkovskii. Sbor. rab. po gidrol no. 1:80-86 '59.

Forecasting the runoff of snow and rain waters during floods. V. I. Sapozhnikov. Sbor. rab. po gidrol. no. 1: 138-142 '59

Interrelationship between the morphological characteristics of the basin and the watercourse. A. A Kokolov. Meteor. i gidrol no. 2:16-22 F '62

Ploshkov, IA. F. [Streamflow regulation; calculations in the water economy] Regulirovanie rechnogo stoka; vodokhoziaistvennye raschety. Leningrad, Gidrometeor. izd-vo, 1961. 395 p.

Selecting the formula for estimating the possible frequency of streamflow characteristics. E. G. Blokhinov. Sbor. rab po gidrol no. 2.115-121 '61.

Selecting the formula for estimating the possible frequency of streamflow characteristics G A Alekseev Sbor rab po gidrol no 2 122-125 '61

Types of river basins based on the nature of the relationship of runoff and evaporation to precipitation. A. A. Sokolov. Sbor. rab. po gidrol no 1:13-22 '59.

Zonal and azonal factors of runoff. A. A. Sokolov. Sbor. rab. po gidrol no. 2 147-165 '61.

RURAL CONDITIONS

How to overcome cultural and social differences between cities and rural areas in the U. S. S. R. E T. Lukina. Nauch. dokl. vys. shkoly; filos. nauki 5 no. 1:24-32 '62

RURAL EDUCATION see Education, Rural

RURAL ELECTRIFICATION
(see also subdivision under Udmurt A. S. S. R., Ukraine)

ARS-61-T apparatus for the remote control of rural electric power distribution networks. V. E. Efremov. Mekh i elek sots sel'khoz 20 no 1,51-54 '62

Choice of the wire size for low-voltage rural power distribution networks. R. G Akopian Mekh i elek. sots sel'khoz. 20 no. 1:46 '62.

Five minutes in the dark. V. But and others. Smena 39 no. 1:6-7 Ja '62.

Over-all use of agricultural communication means. D Metrikin. Tekh. v sel'khoz. 22 no. 1 35-36 Ja '62.

RURAL LIBRARIES
(see also subdivision under Czechoslovakia; Mogilev Province)

Library helps production. I. Turkov Kul't.-pros. rab. 23 no. 1:38 Ja '62

Present state and future development of the library system in rural areas. F. IA. Likhovid. Trudy Gos. bibl. SSR 5:24-52 '61.

She brings books to the people. A. Kononov. Kul't.-pros. rab 23 no. 2:21 F '62

RURAL MEDICINE see Medicine, Rural

RURAL SCHOOLS

Akhtiarov, K. Sh. [Production training in rural schools] Proizvodstvennoe obuchenie v sel'skoi shkole. Moskva, Izd-vo "Znanie," 1962. 30 p. (Novoe v zhizni, nauke, tekhnike, XI Seriia: Pedagogika, no. 2)

RUSCUS

Biology of the development of Ruscus hypophyllum L. and some peculiarities of the formation of its flower and fruit. M. I. Savchenko, A. A. Dmitrieva Trudy Bot. inst. Ser. 7 no. 5:46-58 '62.

Nature of phylloclades of Ruscus hypophyllum L. G. A. Komar. Trudy Bot. inst. Ser. 7 no 5:67-70 '62.

RUSSIA—AIR FORCE

Always in front. S. V. Andrianov. Vest. protivovozd. obor. no. 10:50-53 O '61.

Communists in aviation. I. Shipilov. Kryl. rod. 12 no. 10:3-4 O '61

Congress of our native party. K. A. Vershinin. Vest. Vozd Fl no. 10:2-6 O '61

Discipline of flight. E. Gaponov, S. Fedoseev, O. Aleksandrov Vest. Vozd. Fl. no 11:41-19 N '61.

Everything is important if it concerns military discipline. S. Komarov. Komm. Vooruzh. Sil 2 no. 5:27-30 Mr '62.

Promoting the practices of excellent squadrons. S. Chernousov. Komm Vooruzh. Sil 2 no 4:36-39 F '62.

To forewarn means to avert. Vest. Vozd. Fl. no. 11:39 N '61.

We are devoting deeds and words to the party. O. Nazarov. Vest. Vozd. Fl. no.

Without flying accidents. S. tivovozd. obor. no. 10:54-

RUSSIA—AIR FORCE—OFFI

On the eve of flights. IU. A. no. 10:71 O '61.

Useful conversation. I. Il'in 62-65 N '61.

RUSSIA—AIR FORCE—POLI

Always ready! F. Vazhin. N '61.

Combat readiness in the chi Golyshev. Vest. Vozd. Fl

RUSSIA—ALLIED INTERVEN

Bolarskii, V. A. [Invasion o United States imperialists imperialistov SShA v Sovet Moskva, Gos. izd-vo 'Vys

RUSSIA—ARMED FORCES

According to the word of the duty. A. Getman Starsh.

All our forces for the defen in, L. Ivanov, S. Gorbunov S '61.

Along the Leninist course. '61.

RUSSIA – ARMED FORCES (Continued)

Congress of the great Leninist party. S. S. Briuzov. Vest. protivovozd. obor. no. 10 3-10 O '61

Creation of the party. V. Bystrov. Voen. znan. 38 no. 2 2-3 F '62

The glory of the Soviet Guards. V. Andrianov. Voen. znan. 38 no. 2 6-8 F '62

"A high and honorable trust." D. K. Maksumov. Vest. protivovozd. obor. no. 10 17-19 O '61.

The higher the vigilance the stronger the combat readiness. Starsh.-serzh. no. 9 1 S '61

Loyal guard of our state. Voen. znan. 38 no. 2:1 F '62.

The most important objective of the Soviet people. Pol. sam. 13 no. 1 1-3 Ja '62.

The most precious cause. I. Lavchenko. Sov. voin. 43 no. 22 4-5 N '61

On guard abroad. V. Tobol. Vest. Vozd. Fl. no. 11-75 N '61

Soviet Armed Forces on guard for the builders of communism. Vo. n.-ist. zhur. 3 no. 12 3-10 D '61

"The Star of Hope." M. Pakhrabnik. Belarus' 19 no. 2 2-3 F '62

The 22d Congress of the CPSU on increasing the military preparedness of the U. S. S. R. and strengthening the Soviet Armed Forces. Komm. Vooruzh. Sil 2 no. 5 70-79 Mr '62

RUSSIA—ARMED FORCES—EDUCATION, NONMILITARY

When they follow the example of heroes. N. Melnichuk. Komm. Vooruzh. Sil 2 no. 4, 63-65 F '62

RUSSIA—ARMED FORCES—MILITARY LIFE

A great and true friendship. Sov. voin. 43 no. 22 35-46 N '61

RUSSIA—ARMED FORCES—OFFICERS

The CPSU is the organizer and trainer of the command personnel of the Soviet Armed Forces. A. Pozdniakov. Voen.-ist. zhur. 3 no. 12 92-98 D '61

RUSSIA—ARMED FORCES—POLITICAL ACTIVITY

At the first call. Starsh.-serzh. no. 11 6 O[i.e. N] '61

Briefly on the work of party and political work. Komm. Vooruzh. Sil. 2 no. 5 54-56 Mr '62.

The CPSU is the organizer and trainer of the command personnel of the Soviet Armed Forces. A. Pozdniakov. Voen.-ist. zhur. 3 no. 12 92-98 D '61

Chronicle of party and political work. Komm. Vooruzh. Sil. 2 no. 4 94-96 F '62

Education of new men is the practical objective of the building of communism. A. Sertsova, G. Karpov. Komm. Vooruzh. Sil. 2 no. 5 49-54 Mr '62.

First steps. V. Gidrinskii. Komm. Vooruzh. Sil. 2 no. 5 60-62 Mr '62.

The further strengthening of discipline is an important task. Komm. Vooruzh. Sil. 2 no. 4:3-8 F '62.

Important condition for effective work. A. Babakov. Komm. Vooruzh. Sil. 2 no. 4, 55-59 F '62.

Military service is their profession. I. Kulikov, V. Filippov. Komm. Vooruzh. sil. 2 no. 5 66-69 Mr '62

Persuasiveness and resultfulness in propaganda work. A. Shil'nikov. Komm. Vooruzh. Sil. 2 no. 4:20-25 F '62

Propagandists pool their experiences. Voen. znan. 38 no. 2:14-16 F '62

Put the propagandist's work on a high level. G. Shatunov. Voen. znan. 38 no. 2, 4-6 F '62

Ties with the workers are becoming stronger. A. V. Vlatkin. Vest. protivovozd. obor. no. 10 75-77 O '61

Up to the standard necessary to meet new requirements. A. Sosnov. Komm. Vooruzh. Sil. 2 no. 4:59-63 F '62

Work of the party committee and party organizations in the Staff of the Ministry of Defense of the U.S.S.R. and the agencies of military supply. Komm. Vooruzh. Sil. 2 no. 5 55-57 Mr '62.

The work of voluntary propagandists. Komm. Vooruzh. Sil. 2 no. 5 31-36 Mr '62.

RUSSIA—ARMY

Heartfelt gratitude to the Soviet soldiers. K. Karapetian. Voen. znan. 38 no. 2:12 F '62.

An hour ahead of schedule. S. Okulov. Starsh.-serzh. no. 9:30 S '61.

Use of the Russian Army for the defense needs of the Soviet Republic. S. Kliatskin. Voen.-ist. zhur. 3 no. 12 24-35 D '61

Young soldiers in the ranks. A. Terekhov. Voen. znan. 38 no. 1 5-6 Ja '62.

RUSSIA—ARMY—CAVALRY

Malakhov, M. M. [Attack of the cavalry guardsmen; outline of the military operations of the First Guards Cavalry Corps (November 1941-June 1942)] Udar konnogvardeitsev; ocherk o boevykh deistviiakh 1-go gvardeiskogo kavaleriiskogo korpusa (noiabr' 1941-iiun' 1942 goda). Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 143 p.

RUSSIA—ARMY—EDUCATION, NONMILITARY

All-army review of cultural and educational institutions. Komm. Vooruzh. Sil. 2 no. 4:40-42 F '62.

Soviet Army as a school of culture. E. Vostokov. Kul't.-pros. rab. 23 no. 2:4-6 F '62.

RUSSIA—ARMY—GUARD DUTY

Adorinskii, V. V. [On guard duty] Na boevom postu. Moskva, Voen. izd-vo M-va oborony SSSR, 1961. 45 p. (Biblioteka soldata i matrosa)

We advise. Starsh.-serzh. no. 9:16 S '61.

When night falls. Sov. voin. 43 no. 22-10-12 N '61.

RUSSIA—ARMY—MEDALS, BADGES, DECORATIONS, ETC.

Battle decoration in peacetime. M. Novikov. Voen. znan. 38 no. 2, 10 F '62.

RUSSIA—ARMY—MEDICAL CARE

Zavialkin, N. I., ed. [Organizational principles in providing medical care for troops] Osnovy organizatsii meditsinskogo obespecheniia voisk. Moskva, Medgiz, 1961. 219 p.

[MICROFILM]

RUSSIA—ARMY—MILITARY LIFE

First autumn. IU. Avdeenko. Starsh.-serzh. no. 11 8-9 O[i.e. N] '61

Igor' Studennikov and his friends. A. Zhuravskii. Starsh.-serzh. no. 11 2-3 O[i.e. N] '61

Under glorious banners. V. Furman. Sov. voin. 43 no. 22 15 N '61

We are devoting deeds and words to the party. O. Nazhalov. Vest. Vozd. Fl. no. 11, 9-13 N '61

RUSSIA—ARMY—NONCOMMISSIONED OFFICERS

Cadets today, sergeants tomorrow. G. Valuev. Voen. vest. 41 no. 10 25-26 O '61.

From one extreme to the other. A. Volod'ko. Starsh.-serzh. no. 10 10 O '61

The sergeant made a choice. A. Zhuravskii. Starsh.-serzh. no. 10 4-5 O '61.

The sergeant went to an exercise. D. Petukhov. Starsh.-serzh. no. 9:9 S '61.

Sergeants attend meetings on methodology. Starsh.-serzh. no. 11 15 O[i.e. N] '61

We advise. Starsh.-serzh. no. 9:16 S '61.

RUSSIA—ARMY—OFFICERS

Loyal sons of the people. S. G. Panov. Vest. protivovozd. obor. no. 10:25-30 O '61

Students of the Suvorov School have grown up. V. Nikolaev. Starsh.-serzh. no. 11 10 O[i.e. N] '61

We advise. Starsh.-serzh. no. 9:16 S '61.

RUSSIA—ARMY—POLITICAL ACTIVITY

Closely massed around our native party. I. F. Khalipov. Vest. protivovozd. obor. no. 10:11-16 O '61

Communists of a battery. I. P. Lysyi. Vest. protivovozd. obor. no. 10 40-41 O '61

The forming of young communists. M. P. Moskovskii. Vest. protivovozd. obor. no. 10:78-80 O '61

A great force. A. Chvarkov. Voen. vest. 41 no. 10:70-77 O '61

The main thing is the heightening of combat readiness. IA. M. Botchenko. Vest. protivovozd. obor. no. 10:68-70 O '61

The main thing is working with people. V. Belov. Voen. vest. 41 no. 10 66-67 O '61

Right flank men. G. A. Agapov. Vest. protivovozd. obor. no. 10:72-74 O '61

Russia (1923- U. S. S. R.) TSentral'nyi gosudarstvennyi arkhiv Sovetskoi Armii. [Source materials concerning party and political work in the Red Army, April 1918-February 1919] Partiino-politicheskaia rabota v Krasnoi Armii (aprel' 1918-fevral' 1919); dokumenty. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 358 p.

RUSSIA—BOUNDARIES—IRAN

History of Soviet-Iranian relations from 1918 to 1920. I. IUsupov. Nauch. rab. i soob. Otd. obshchestv. nauk AN Uz. SSR 2:228-234 '61.

RUSSIA—COMMERCE

"Economics of Soviet trade" by B. I. Gogol'. Reviewed by L. Berger, V. Zadorozhnyi, V. Ivanitskii. Plan. khoz. 39 no. 3:87-90 Mr '62.

Foreign trade relations of the U. S. S. R. are developing. Vnesh. torg. 42 no. 2 insert 3-5 '62.

[Labor and wages in commerce] Trud i zarabotnaia plata v torgovle; sbornik rukovodiashchikh materialov. [Sost. G. IA. Fomin] Moskva, Gos. izd-vo torgovoi lit-ry, 1959. 277 p.
(NNC)

Our trade-mark. I. S. Senin. Ukraina no. 4:1-2 F '62.

"Principles of accounting in commerce" Edited by M. I. Bakanov. Bukhg. uchet 19 no. 2:74-78 F '62.

Ramzaitsev, D. F. [Sale and purchase agreements in U. S. S. R. foreign trade] Dogovor kupli-prodazhi vo vneshnei torgovle SSSR. Moskva, Vneshtorgizdat, 1961. 179 p.

RUSSIA—COMMERCE—COMMUNIST COUNTRIES

Creation of the material and technical basis of communism and U. S. S. R. trade with socialist countries [with English summary in appendix] O. Ivanovich. Vnesh. torg. 42 no. 2:3-13 '62.

RUSSIA—COMMERCE—GERMANY

The Russo-German Commercial Treaty of 1904. M. L. Ostretsova. Uch. zap. Mosk. gor. ped. inst. 93 137-216 '59

RUSSIA—COMMERCE—JAPAN

Development of the Soviet-Japanese commercial relations. Vnesh. torg. Nov. vremia '20 no. 19 7 F Mi '20

The Japanese people stand in admiration. N. I. Mest. prom. i khud. promysl. 3 no. 1 13 [illegible]

RUSSIA—COMMUNIST PARTY see Communist Party of the Soviet Union

RUSSIA—CULTURE

Building of communism and raising the cultural level of the people [with summary in English] V. A. Vest. LGU 17 no. 2, 22-32 '62.

Buzlakov, N. I., and N. I. Stepanov. [Development planning of the individual branches of culture] Razvitie razvitiia otraslei kul'tury. Pod red. I. I. [illegible] kova. Moskva, Izd-vo ekon. lit-ry, 1961. 180 p. (Ekonomicheskoe pomoshch' ekonomistu i planoviku)

Golovnev, A. I. [Communism and culture] Kommunizm i kul'tura. Minsk, Ob-vo po rasprostraneniiu politicheskikh i nauch. znanii BSSR, 1961. 31 p.

People of a new mentality. M. Dmitriev. [illegible] 158-163 '61

Sukhanov, N. A. [On creative work in the name of the victory of communism, practices of the Leningrad party organization in the field of literature and art] Tvorit' vo imia pobedy kommunizma, iz opyta raboty Leningradskoi partiinoi organizatsii v oblasti literatury i iskusstva. [Leningrad] Lenizdat, 1961. [illegible]

RUSSIA—DEFENSES

The Soviet people's problem of problems. [illegible] Voen. znan. 38 no. 1 2-3 Ja '62.

The 22d Congress of the CPSU on strengthening the defense of the country. A. Skvortsov. Voen. [illegible] no. 1:2-4 Mr '62

RUSSIA—DESCRIPTION AND TRAVEL

Efremov, A. N., and P. P. Fedotovskii. [A people's a book on a meridian] Bespokoinaia prisnost', i odnom meridiane. [Moskva] Izd-vo Tsk VLKSM "Molodaia gvardiia," 1962. 296 p.

RUSSIA—DIPLOMATIC AND CONSULAR SERVICE

Kulyk, I. IU. [Notes of a consul] Zapysky konsula. Radians'kyi pys'mennyk, 1958. 237 p.

RUSSIA—ECONOMIC CONDITIONS

The All-Russian Association of Trade and Industry. V. IA. Lavertychev. Int. zap. no. 70:35-50 '61

Chistov, A. A. [Town and country] Dolgovia [illegible] Moskva, Izd-vo "Sovetskaia Rossiia," 1961. [illegible] (Besedy o programme KPSS)

"The economic life of the U. S. S. R." Reviewed by G. Gorbatenko. Ekon. sel'khoz. 42 no. 1 [illegible] '61.

Efimov, A. N., ed. [Economy of the U. S. S. R. in the postwar period; concise economic survey] [illegible] SSSR v poslevoennyi period; kratkii ekonomicheskii [illegible] obzor. Moskva, Izd-vo sotsial'no-ekon. lit-ry, [illegible] 486 p.

Foundation of our might. M. Novikov. Starsh. [illegible] no. 10 6-7 O '61.

The fulfillment of the state plan is an inviolable law. Prom. Arm. 5 no. 2:5-6 F '62

The great forum of the builders of communism. Vyss. ucheb. zav. istor. i arkhit. 4 no. 6 [illegible]

Increasing the material prosperity of workers as the role of cooperative societies in the period of the [illegible] scale building of communism. V. Ibatin, N. [illegible] Koop. Kazakh. 4 no. 11:40-45 N '61.

Khrushchev, N. S. [For peace, work, freedom, [illegible] fraternity, and happiness] Za mir, trud, svobodu, ravenstvo, bratstvo i schast'e; rech na mitinge izbiratelei Kalininskogo izbiratel'nogo okruga g. Moskvy 10 marta 1962 goda. Moskva, Gos. izd-vo polit. lit-ry, 1962. 31 p.

Let's work, comrades! Rab. i sial. 37 no. 12 [illegible]

Morozova, I. A. [Balance statement of the national economy and methods for compiling it] Balans narodnogo khoziaistva i metody ego postroeniia. Moskva, Gosstatizdat TsSU SSSR, 1961. 143 p.

The Party leads! Obshchestv. pit. no. 11-1 2 [illegible]

Program for the establishment of a communist [illegible] in the U. S. S. R. Agrobiologiia no. 6:783-790 [illegible]

Realization of the great plans of Lenin. I. R. I. [illegible] -Pratsi Od. un., 160. Ser. susp. nauk no. 3:5-[illegible]

A session devoted to the problem "Basic laws and [illegible] features of the development of Russia in the [illegible] imperialism." B. V. Ananich, R. Sh. [illegible] no. 3:118-123 Mr '62.

Special features of qualitative and quantitative [illegible] the development of Soviet society during the large scale building of socialism. IA. P. Golubenko. [illegible] Old. filos. i prava AN Turk. SSR 2:87-105 '60

RUSSIA—ECONOMIC GEOGRAPHY see Geography, Economic

RUSSIA—ECONOMIC POLICY

Along the Leninist course. Vest. Vozd. Fl. no. 11 [illegible] '61.

Building of communism is the objective and purpose of our life. B. M. Evtseev. Grazhd. av. 18 no. 11 [illegible] N '61.

RUSSIA – ECONOMIC POLICY (Continued)

Conference on the origin, distribution and use of national income in the Union Republics. T. Ataev. Izv. AN Turk SSR Ser obshchestv. nauk no 6 96-97 '61

Coordinating council of a large economic region. Plan. khoz 39 no 3:3-6 Mr '62

Entering our 45th year Starsh -serzh no 11 1-5 Oct '61

Everything for man and his welfare Nar khoz. Uzb 4 no 2:55-62 F '62.

Growth of the role of the CPSU in the period of the extensive building of a communist society T I Kroshnikova Trudy LKI no. 30:31-41 '60

In 1962, the fourth year of the seven-year plan. Avt. delo. 25 no. 1 10 Ja '62.

Let us employ all our efforts in fulfilling the fourth year of the seven-year plan Stan. i instr 33 no. 1-2 Ja '62

Militant program of the party and the nation. Obshchestv. nauki v Uz. no. 2:3-5 '61.

National economic plan and state budget for 1962, and accountants' tasks. Bukhg. uchet 10 no 1,1-4 Ja '62

On the Lenin road to communism. Voen. znan. 38 no. 1 1 Ja '62.

Planning and management must be equal to the demands of the building of communism. G. Zaiko Nar khoz. Uzb 4 no. 2,3-10 F '62

Prospects for the complex development of the economy of large economic districts S Tokarev Part. zhizn' no 5:50-56 Mr '62.

Technical development of industry in the R. S. F. S. R. during the fourth year of the seven-year plan. Biul tekh -ekon inform. no. 1,3-8 '62.

Utilizing labor resources in the future. V. Kostakov, P Iltviakov. Plan khoz 39 no 3 19-28 Mr '62

What does the basic economic task of the U. S. S. R. consist of? Sh Nadirov, V. Puritz Koop. Kazakh 1 no 3 58-62 Mr '61

RUSSIA—FEBRUARY REVOLUTION, 1917

Spiridovich, A. I. [The great war and the February Revolution, 1914-1917] Velikaia Voina i Fevral'skaia Revolutsiia; 1914-1917 g. g. New York, Vseslavianskoe izd-vo, 1962. 315 p.

RUSSIA—FOREIGN ECONOMIC RELATIONS

Goverkov, V. V. [Foreign economic relations of the Soviet Union, explanatory brochure for a wall map] Vneshneekonomicheskie sviazi Sovetskogo Soiuza, poiasnitel'naia broshiura k plakatu-karte. Moskva, Izd-vo "Znanie," 1961. 15 p.

RUSSIA—FOREIGN ECONOMIC RELATIONS—COMMUNIST COUNTRIES

Cooperation of socialist countries and human progress. Sh. Sanakoev. Mezhdunar. zhizn' 9 no. 3:7-16 Mr '62.

RUSSIA—FOREIGN ECONOMIC RELATIONS—TURKEY

Soviet economic relations with Turkey. M. Artiukhov. Mezhdunar. zhizn' 6 no. 3:102-103 Mr '62.

RUSSIA—FOREIGN RELATIONS

"The cold war and its origin, 1917-1960" [in English] by D. F. Fleming. Reviewed by IU. Mel'nikov Mir ekon. i mezhdunar. otn. no. 3:141-147 Mr '62.

Dawn of the peaceful coexistence policy. I. Bezymenskii, N. Matkovskii. Nov vrem 20 no. 11:6-17 Mr '62.

"History of the foreign relations and foreign policy of the U. S. S. R." Vol. 1 (1917-1939). Reviewed by V. I. Popov. Nov. i noveish. ist. no. 1:155-158 '62.

"How to study the Soviet policy of peace in secondary schools" by M. M. Kovalenko, Sh. T. Kiperman. Reviewed by I. M. Skrypkin. Ukr. ist. zhur. 6 no 2:136-138 Mr-Ap '62.

How V. I. Lenin worked out the basic principles of Soviet foreign policy. O. H. Zubov, H. M. Trofimov. Pratsi Od. un. 150. Ser. susp. nauk no. 3:139-150 '60.

Lenin's principle of peaceful coexistence is the basis of mutual relations between the U. S. S. R. and the capitalist countries. I. M. Rabinovich. Trudy LKI no. 30: 70-80 '60.

Peaceful coexistence is the legacy of Lenin. Mezhdunar. zhizn' 9 no. 4:9-14 Ap '62.

"Successive phases of the foreign policy of the U. S. S. R." by M. D. Airapetian, G. A Deborin Reviewed by V. IA. Turasenko. Ukr. ist. zhur. 6 no. 1,127-130 Ja-F '62

V. I. Lenin and the foreign policy of the Soviet state. L. R. Kleis'kyi. Ukr. ist. zhur. 6 no. 2:3-13 Mr-Ap '62.

RUSSIA—FOREIGN RELATIONS—AFGHANISTAN

Treaty of friendship. V. Matveev. Az. i Afr. seg. no. 2: 56 F '62.

RUSSIA—FOREIGN RELATIONS—ARAB COUNTRIES

Russia (1923- U. S. S. R.) Ministerstvo inostrannykh del. [The U. S. S. R. and Arab countries; documents and source materials] SSSR i arabskie strany 1917-1960 gg; dokumenty i materialy. Red. kollegiia sbornika: V. IA. Sipols i dr. Moskva, Gos. izd-vo polit. lit-ry, 1961. 954 p.

RUSSIA—FOREIGN RELATIONS—BULGARIA

The large and the small. Nov. vrem. 20 no. 12,2 Mr '62

RUSSIA—FOREIGN RELATIONS—KHIVA

Relations between the Soviet Union and Khiva [in Uzbek with summary in Russian] U. Tukhtakhanov Obshchestv. nauki v Uz no. 2 20-27 '61.

RUSSIA—FOREIGN RELATIONS—RUMANIA

[Visit of a party and government delegation of the Rumanian People's Republic to the U. S. S. R.] Prebyvanie partiino-pravitel'stvennoi delegatsii Rumynskoi Narodnoi Respubliki v SSSR, 31 iiula-12 avgusta 1961 goda; sbornik materialov. Moskva, Gos. izd-vo polit lit-ry, 1961 227 p.

RUSSIA—FOREIGN RELATIONS—TURKEY

Important date in the history of Soviet-Turkish relations I F. Chernikov Ukr ist zhur 6 no. 1 116 Ja-F '62

RUSSIA—FOREIGN RELATIONS—UNITED STATES

"The cold war and its origins, 1917-1960" [in English by D. F. Fleming Reviewed by N Nikolaev. Mezhdunar zhizn' 9 no. 3:135-136 Mr '62.

RUSSIA—GEOGRAPHY see Geography

RUSSIA—HISTORIOGRAPHY

A conference of historiographers at Moscow University. V. P. Naumov. Vop ist. no. 2:125-129 F '62.

"Studies on the history of Soviet historiography." Vol. 2. Reviewed by G. I. Kurbatov and others Vop. ist no 3: 130-137 Mr '62

RUSSIA—HISTORY

Aronson, Grigor. [Revolutionary youth; reminiscences, 1903-1917] Revoliutsionnaia iunost', vospominaniia 1903-1917. [New York] 1961. 245 p. (Interuniversity Project on the History of the Menshevik Movement. Paper, no. 6)

(MH)

Brief notes. Vop. ist. no. 2:166-168 F '62.

Brief notes. Vop. ist. no. 3:156-158 Mr '62.

Burlak, V. N. [History of the penetration of Marxis ideas into Russia in the "lowborn period" of the Russian liberation movement] Iz istorii proniknoveniia idei marksizma v Rossiiu v raznochinskii period osvoboditel'nogo dvizhenila Moskva, Gos izd-vo "Vysshaia shkola," 1961. 60 p

Ideological features and sources of the programs of the "Northern" and "Southern" Leagues of Russian Workers Ist. zap. no. 70:276-284 '61

The land reform of Ivan the Terrible in 1565. R. G Skrynnikov. Ist. zap. no. 70:223-250 '61.

Legend of the invisible city of Kitezh. Lev Klein. Vokrug sveta no. 2:33-36 F '62

M. V. Lomonosov and the Russian science of history. K. Rakhmanov. Izv. AN Turk SSR. Ser obshchestv. nauk no 6:12-17 '61.

The "Malaia Rossia Agency" of the Russian state in the second half of the 17th and the early 18th century" by K. A. Safronenko, Reviewed by I. Pashchuk, V Kul'chyts'kyi. Rad. pravo no. 1:101-103 Ja-F '62.

"Pages from the history of our homeland." Book review. Nar. obr. no. 3,112 Mr '62.

"The Russian state of the 17th century; collected articles." Reviewed by O. S. Kompan. Ukr. ist. zhur. 6 no. 2:125-129 Mr-Ap '62.

Second intensification of revolutionary activity; a crisis in the policy of Russian ruling circles in 1879-1881 [with summary in English, pp. 217-218]. M. I. Kheifets. Vop ist. no. 2:44-66 F '62.

Shevlakov, V. N. [Heroic struggle of the Russian people against the aggression of the Tatars and Mongols from the 13th to the 15th century] Podvig russkogo naroda v bor'be protiv tataro-mongol'skikh zakhvatchikov v XIII-XV vekakh. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961, 110 p.

Tatishchev, V. N. [Russian history in seven volumes] Istoriia Rossiiskaia v semi tomakh. Moskva, Izd-vo Akad. nauk SSSR.

Vol. I. 1962. 499 p.

V. I. Lenin on the early history of the labor movement in Russia. Z. V. Pershyna. Pratsi Od. un. 150. Ser susp. nauk no. 3:164-176 '60.

RUSSIA—HISTORY—BIBLIOGRAPHY

Moscow. Publichnaia biblioteka. Otdel spravochno-bibliograficheskoi i informatsionnoi raboty. [History of Soviet society in the reminiscences of contemporaries; annotated bibliography of memoirs] Istoriia sovetskogo obshchestva v vospominaniiakh sovremennikov; annotirovannyi ukazatel' memuarnoi literatury. Moskva.

Pt. 2., No. 1. [Articles published in Soviet periodicals from 1917 to 1927] Zurnal'nye publikatsii 1917-1927 gg. 1961. 252 p.

RUSSIA—HISTORY—SOURCES

"Basic principles of the critical evaluation of sources for the history of the U. S. S. R." by V. I. Strel'skii. Reviewed by V. A. Kondrat'ev. Vop. ist. no. 2:139-141 F '62.

Kardin, V. [Today we remember yesterday; memoirs and our times] Segodnia o vcherashnem; memuary i sovremennost'. Moskva, Voen. izd-vo M-va oborony SSSR, 1961. 199 p.

Work of the Moscow Institute of Historical Archives. A. S. Roslova, M. S. Selezniev. Vop ist. no. 3,121-128 Mr '62

RUSSIA—HISTORY—STUDY AND TEACHING

Inculcating the principles of proletarian internationalism in students during Soviet history classes and extracurricular work V. Ailov Nar. nav no 1,39-44 Ja '62

Levin, S. E. [Lessons in the elementary course of the history of the U. S. S. R in the seventh grade, from ancient times to the end of the 17th century, short methods manual] Uroki po elementarnomu kursu istorii SSSR v 7-m klasse s drevneishikh vremen do kontsa XVII v., kratkoe metodicheskoe posobie. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 110 p.

Soviet people build communism. T. S. Golubeva, L. S. Gellershtein. Nach. shkola 30 no 3:73-80 Mi '62

RUSSIA—HISTORY, MILITARY

The 22d Congress of the CPSU and the objectives of students of military history Voen -ist. zhur 4 no 2 3-13 F '62

RUSSIA—INDUSTRIES

Granite foundation. I. Alekshevich. Belarus' 19 no. 2: 6-7 F '62

Improve the territorial organization of industries in the central regions M. D. Demchenko, E Shklovskii. Plan. khoz 39 no. 3:53-59 Mi '62

New achievements of the seven-year plan. A Nosenkov Mest prom i khud promys 3 no. 1 1-1 Ja '62.

RUSSIA—LITERATURES

Urgent task of Soviet literature U A Hural'nyk. Rad lit 6 no 2 154-156 Mi-Ap '62

RUSSIA—MANUFACTURES

In the republics of the Union I. Pronin and others. Mest. prom. i khud. promys. 3 no. 2:22-23 F '62

RUSSIA—NAVY

"Red pennant." E. Kamenetskii. Voen. znan. 38 no. 2, 8-9 F '62

The ship goes on its prescribed course. N. Belous Voen znan. 38 no. 1 4-5 Ja '62.

RUSSIA—NAVY—POLITICAL ACTIVITY

For the businesslike and efficient work of political organizations. M Zakharov. Komm Vooruzh. Sil 2 no 5 16-21 Mi '62.

Important examination. N. Nikolaev. Sov voin 43 no. 22,13-14 N '61

RUSSIA—NAVY—SUPPLIES AND STORES

The boatswain's extensive housekeeping L. Shmidov Starsh. -serzh no. 10 14 O '61.

RUSSIA—POLITICS AND GOVERNMENT

Brightest democracy on earth Polit samoobr 6 no 2 3-10 F '62.

Chronicle of events from October 1 to 31, 1961. Mat. i scob. Issl. otd. Inst. po izuch. SSSR no 29:57-63 '61.

Chronicle of recent events. IU P Mironenko Mat. i scob. Issl otd Inst po izuch. SSR no 28 63-71 O '61.

Current sessions of the supreme soviets of the Union Republics. Sov. deput. trud. no 2:104 F '62.

Development of socialist democracy. Nach. shkola 30 no. 3:3-6 Mr '62.

[Gazette of the Supreme Soviet of the R. S. F. S. R.] Ved. Verkh. Sov. RSFSR 6 nos. 3, 5-10 J-Mr '62.

[Gazette of the Supreme Soviet of the U. S. S. R.] Ved Verkh. Sov. SSSR 25 nos. 9-13 Mr '62.

Governmental system of the Union Republics. M. M. Faizlev. Obshchestv. nauki v Uz. no. 2:28-32 '61

Kalinychev, F. I., and B. P. Kravtsov. [Rule of the people] Vlast' naroda Moskva, Gos. izd-vo polit. lit-ry, 1962. 86 p.

Kirichenko, M. G. [Some results of the work of the Fifth Supreme Soviet of the U. S. S. R.] Verkhovnyi Sovet SSSR, k itogam deiatel'nosti Verkhovnogo Soveta SSSR piatogo sozyva. Moskva, Gos. izd-vo iurid. lit-ry, 1962. 94 p.

Koval', P. D. [Triumph of Leninist principles of the building of communism] Torzhestvo leninskykh printsypiv budivnytstva komunizmu. Kyiv, 1961. 47 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR Ser. 1, no 22)

Novikov, S. G. [Standing committees of the Supreme Soviet of the U. S. S. R.] Postoiannye komissii Verkhovnogo Soveta SSSR. Moskva, Gos. izd-vo iurid. lit-ry, 1962. 61 p.

Problems of state and government in the new program of the U. S. S. R. A. V. IUrchenko. Mat. i scob. Issl. otd. Inst. po izuch. SSSR no. 29:19-38 '61.

Real democracy. Sov. iust. no. 4:1-3 F '62.

Reference materials on the work of the Fifth Supreme Soviet of the U. S. S. R. Sov. deput. trud. no. 2:18-24 F '62.

Role of the Soviet state during the large-scale building of communism. D. Abaeva. Trudy Otd. filos. i prava AN Turk. SSR 2:120-146 '60.

RUSSIA – POLITICS AND GOVERNMENT (Continued)

The 22d Congress of the CPSU and increased public participation in the work of the Soviet Government IU. M Kozlov Vest. Mosk. un Ser 10 Pravo 17 no. 1, 27-35 Ja-Mr '62

V. I. Lenin on the workers' participation in government M O Chechik. Trudy LKI no 30 65-78 '60.

RUSSIA—POPULATION

Danilov, A. D. [Geography of the U. S. S. R.; nature and population] Geografiia SSSR, priroda i naselenie. Moskva, Izd-vo "Znanie," 1961. 38 p. (Narodnyi universitet kul'tury. Estestvennonauchnyi fakul'tet, no. 21)

RUSSIA—RELATIONS (GENERAL) WITH BUKHARA

How the great Russian people helped to develop the culture of the Bukhara People's Soviet Republic, 1920-1924 A Uralov. Obshchestv. nauki v Uz no 12 45-49 '61

RUSSIA—RELATIONS (GENERAL) WITH BULGARIA

"How the Bulgarian Communist Party defended the interests of Soviet Russia in 1917-1922" [in Bulgarian] by TS. Nikolov Reviewed by M. A. Birman. Vop. ist no 2 169-171 F '62

School club of international friendship. O. O. Bol'shel. Rad. shk 40 no. 2-41-44 F '62

Visiting our Bulgarian friends P Fomin Metallurg 7 no. 3 37-38 Mr '62

RUSSIA—RELATIONS (GENERAL) WITH CANADA

Kulyk, I. IU. [Notes of a consul] Zapysky konsula. Kyiv, Radians'kyi pys'mennyk, 1958 237 p

RUSSIA—RELATIONS (GENERAL) WITH CEYLON

The East looks into the future. Az i Afr. seg. no. 2 32 F '62.

RUSSIA—RELATIONS (GENERAL) WITH CHINA

In the name of peace and the happiness of the people. A. Zhemchugov. Az. i Afr seg. no 2 10-11 F '62

RUSSIA—RELATIONS (GENERAL) WITH CUBA

It will be a Soviet-Cuban motion picture Enrike Pineda Barnet Nov. vrem 20 no 10 16-18 Mr '62.

RUSSIA—RELATIONS (GENERAL) WITH CZECHOSLOVAKIA

Friendship is not hindered by distance. V. Bogatov. Za rul 20 no. 1 1-2 Ja '62.

RUSSIA—RELATIONS (GENERAL) WITH FOREIGN COUNTRIES

Let's melt the ice of the cold war! Nov vrem 20 no 12 16-17 Mr '62

Scientific cooperation of socialist countries. Vest. AN SSSR 32 no 3;75-76 Mr '62.

RUSSIA—RELATIONS (GENERAL) WITH FRANCE

Meetings in France A. Zhitomirskii. Iskusstvo 25 no 1 48-52 '62

RUSSIA—RELATIONS (GENERAL) WITH GERMANY

Formation of the society "Friends of New Russia" in Germany [with summary in English]. M. S. Kuz'min Vest LGU 17 no. 2 150-155 '62

RUSSIA—RELATIONS (GENERAL) WITH GREAT BRITAIN

Scientific ties between Russian and English biologists; from the materials of the Archives of the Academy of Sciences of the U. S. S. R. L. V. Zhigalova, M. I. Radovskii. Trudy Inst. ist. est. i tekh. 41;94-111 '61

RUSSIA—RELATIONS (GENERAL) WITH INDIA

Our Indian friends. V. Balabushevich. Nov. vrem. 20 no. 10-12 Mr '62

Ties with Rakshabandhan are strengthened. E. Chelyshev. Az. i Afr seg. no 2-51 F '62.

From the pages of "old" newspapers Sovr. Mong 6 no 2 8-9 F '61.

RUSSIA—RELATIONS (GENERAL) WITH POLAND

Joint work of Soviet and Polish sociologists. Vest. AN SSSR 32 no 3;76-77 Mr '62.

RUSSIA—RELATIONS (MILITARY) WITH BULGARIA

Our liberation march in the Balkan Peninsula [with summary in English, p 198]. S. S. Biriuzov Nov i noveish. ist. no. 1-87-98 '62.

RUSSIA—RELATIONS (MILITARY) WITH EAST GERMANY

International education of servicemen. IU Bastatov, V. Kovalev. Komm. Vooruzh. Sil 2 no 5 22-26 Mr '62.

People of a heroic deed L. Ulanov. Starsh.-serzh no 10 34 O '61

RUSSIA—RELIGION

The most important events in the life of churches and religious groups in the U. S. S. R. N. T. Mat. i sooh Issl otd. Inst po izuch SSSR no 28 58-62 O '61

RUSSIA—REVOLUTION, 1917-1921

(see also subdivision under Azerbaijan; Caucasus, Northern, Don Valley; Fergana; Kuban, Moldavia, Moscow, Nikol'skiy County, Vologda Government; Samarkand Province, Siberia; Soviet Central Asia, Soviet Far East; Turkestan; Ukraine, Vologda Government; Yakutia)

The armored train "Tovarishch Lenin." K. Grishchinskii. Neva no. 11;217-218 '61.

Beliaevskii, V. A. [Whose guilt is it; recollections of the White Russian movement, 1918-1920] Kto vinovat; vospominaniia o Belom dvizhenii, 1918-1920 g. g. Buenos Aires [n. d.] 111 p.

Conflict in the Revolutionary Military Council of the South Front, September-October 1918. I. Koleasnichenko. Voen.-ist. zhur. 4 no. 2-39-47 F '62

Draudins, T. [Combat history of the Latvian Riflemen, 1917-1920] Latviesu strelnieku sinu cels, 1917-1920. Riga, Latvijas Valsts izdevnieciba, 1961. 150 p. [In Latvian]

Great soldiers of the revolution and the civil war. Voen.-ist. zhur. 4 no 2.26-38 F '62.

Heroic work of Soviet workers during the second "breathing spell of peace," January-April 1920 [with summary in English, pp 218-219]. K. I. Antonova. Vop. ist. no. 3;41-50 Mr '62

"History of the civil war in the U. S. S. R." Vols 3-5. Reviewed by IU Korablev, M. Shatalin. Voen.-ist. zhur 4 no 2.104-111 F '62.

How the Communist Party and the Soviet Government organized patronage aid to rural toilers, 1919-1920. Z. S. Mironchenkova. Trudy LIBI no 38;63-76 '61

In ambush. F. Kiselev. Starsh.-serzh. no. 11;22-23 O[1 e N] '61

The Red Guards as the armed forces of the proletariat. I. Ushakov Voen.-ist zhur 4 no. 2 122-126 F '62.

Russia (1923- U. S. S. R.) TSentral'nyi gosudarstvennyi arkhiv Sovetskoi Armii. [Source materials concerning party and political work in the Red Army, April 1918-February 1919] Partiino-politicheskaia rabota v Krasnoi Armii (aprel' 1918-fevral' 1919); dokumenty. Moskva, Voen. Izd-vo M-va obor. SSSR, 1961. 368 p.

Session of the Council for Studying Historical Premises of the Great October Socialist Revolution IU. Netesin. Izv AN Latv. SSR no 12 129-134 '61.

Sharapov, G. V. [Solution of the agrarian problem in Russia after the victory of the October Revolution, 1917-1920] Razreshenie agrarnogo voprosa v Rossii posle pobedy Oktiabr'skoi revoliutsii, 1917-1920 gg. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1961. 310 p.

Use of the Russian Army for the defense needs of the Soviet Republic S. Kliatskin Voen.-ist. zhur. 3 no. 12,24-35 D '61.

V. I. Lenin on the military and political alliance of workers and rural toilers, 1918-1920. M. IU. Rakova'kyi. Pratsi Od. un. 150. Ser. susp. nauk no. 3;282-295 '60.

RUSSIA—REVOLUTION, 1917-1921—PERSONAL NARRATIVES

Salty soldier. A. Ivashchenko. Ogonek 40 no. 8;16-17 F '62.

Soldiers remember the past. A. Zhuravlev. Sots. obesp. 23 no. 2;7-9 F '62.

RUSSIA—REVOLUTION OF 1905

(see also subdivision under Latvia; Samarkand; Turkestan)

V. I. Lenin on the alliance of workers and peasants before and during the first Russian revolution. K. H. Myhal'. Pratsi Od. un. 150. Ser. susp. nauk no. 3;245-257 '60.

V. I. Lenin's unmasking of the opportunistic tactics of the Mensheviks in the period of the development of the first bourgeois democratic revolution in Russia. T. I. Ignatov. Trudy LKI no. 30;113-123 '60.

RUSSIA—REVOLUTION OF 1905—PERSONAL NARRATIVES

Magda. T. Leont'eva. Neva no. 11;160-163 '61.

RUSSIA—SOCIAL CONDITIONS

Chistov, A. A. [Town and country] Derevnia i gorod Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 71 p. (Besedy o programme KPSS)

Il'in, M. I., and G. I. Kublitskii. [Your Russia] Tvoia Rossiia. Moskva, Gos. izd-vo detskoi lit-ry RSFSR prosv. RSFSR, 1961. 39 p.

Two worlds, two democracies. Komm. Vooruzh. Sil 3 no 1-76-78 F '62.

Zakharchenko, V. D. [Fifteen unmailed letters] Piatnadtsat' neotpravlennykh pisem. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1961. 260 p.

RUSSIA—STATISTICS

Morozova, I. A. [Balance of the natural economy and methods for compiling it] Balans natural'nogo khoziaistva i metody ego postroeniia. Moskva, Gosstatizdat TsSU SSSR, 1961. 143 p.

Prospects and figure Plan. khoz. 39 no. 1,60 [illegible] '62.

RUSSIA, NORTHERN—AVALANCHES

Snow avalanches in the northeastern U. S. S. R. [illegible] Klinkin. Izv. AN SSSR Ser. geog. no. 1;80-93 Ja-F '62.

RUSSIA, NORTHERN—BRIDGES—DESIGN

Design of small bridges and culverts in regions with [illegible] frozen subsoils. V. I. Zemskov Avt. dor. [illegible] 24-25 Ja '62

RUSSIA, NORTHERN—CONSTRUCTION INDUSTRY

The Far North needs its own construction industry [illegible] K. Agafonov Zhil. stroi no. 12;13-14 '61.

RUSSIA, NORTHERN—CULVERTS

Design of small bridges and culverts in regions with [illegible] frozen subsoils V. I. Zemskov Avt. dor. [illegible] 24-25 Ja '62.

RUSSIA, NORTHERN—DRYING APPARATUS

Drying walls in the Far North by shielding heat [illegible] zovskii Zhil. stroi. no. 12 14-16 '61.

RUSSIA, NORTHERN—DWELLINGS

Neolithic dwellings in the forest zone of the European part of the U. S. S. R. A. IA. Brusov. Voleg. krai [illegible] 133-141 '59.

RUSSIA, NORTHERN—FISHES IN ART

New images of fish from paleolithic sites in the [illegible] part of the U. S. S. R. V. V. Fedorov. Krat. soob. [illegible] arkheol. no 32;140-142 '61.

RUSSIA, NORTHERN—FORAMINIFERA, FOSSIL

Representatives of Endothyridae family (Foraminifera) from lower Carboniferous sediments in the [illegible] A. A. Voitsekhovskaya. Sbor. st. po paleont i biost. no 24,10-15 '61.

RUSSIA, NORTHERN—FRACTURES

Treatment of and consolidation time for fractures [illegible] conditions of the Far North. B. G. Apanasenko. Vo[illegible] med. zhur. no. 8;81 Ag '61.

RUSSIA, NORTHERN—FROZEN GROUND

Significance of the development of isolated veins of [illegible] increasing the ice content of permanently frozen [illegible] N. G. Bobov. Trudy Inst. merzl. AN SSSR 17,81 [illegible]

RUSSIA, NORTHERN—ROAD CONSTRUCTION

Characteristics of road construction in regions with [illegible] frozen subsoil. N. Puzakov. Avt. dor. 25 no. [illegible] 27-28 Ja '62.

RUSSIA, NORTHERN—SEDIMENTS (GEOLOGY)

Cover sediments in the northern part of the European U. S. S. R. G. P. Mazurov. Izv. vyn. uchab. zav. geol. i razv. 4 no. 11;120-132 N '61.

RUSSIA, NORTHERN—SNOW FENCES

Maintenance of roads in the Far North in winter. [illegible] V. Bialobzheskii and others. Avt. dor. 25 no [illegible] Ja '62.

RUSSIA, NORTHERN—STONE AGE

Neolithic dwellings in the forest zone of the European part of the U. S. S. R. A. IA. Brusov. Voleg. krai [illegible] 133-141 '59.

New images of fish from paleolithic sites in the European part of the U. S. S. R. V. V. Fedorov. Krat. soob. [illegible] arkheol. no. 32.140-142 '61.

RUSSIA, NORTHERN—TUBERCULOSIS

Vitamin C insufficiency in healthy and tuberculous inhabitants of the Far North [with summary in [illegible]] E. P. Ozhogina. Probl. tub. no. 3;30-32 '62.

RUSSIA, NORTHERN—VITAMIN METABOLISM

Puslikina, N. N. [Vitamins in the Far North] Vitaminy na Severe. Moskva, Medgiz, 1961. 127 p. (DNLM)

RUSSIA, NORTHERN—WATER—COMPOSITION

Basic characteristics of the distribution of oxygen and alkali in the water of the Atlantic origin in the Arctic seas. A. P. Gurfianova, A. A. Musina. Trudy AANII 218;125-158 '60.

RUSSIA, NORTHERN – WATER – COMPOSITION (Continued)

Oxygen as an indicator of the dynamics of water masses E. V. Kazeeva. Trudy AANII 216:65-100 '60

Relationship between the salinity and the chlorinity of the water of the Arctic seas. A. A. Musina, O. A. Avdeevich. Trudy AANII 216:110-124 '60

RUSSIA, NORTHERN—WATER, UNDERGROUND

Organic matter in underground waters of the northern part of the European U. S. S. R. V. M. Shwets. Vop gidrogeol. i inzh. geol. no. 19:41-48 '61

RUSSIA, NORTHWESTERN—AGRICULTURE

[The northwestern provinces of the R. S. F. S. R.] Severo-Zapadnye oblasti RSFSR. Moskva, Izd-vo "Sovetskaia Rossiia," 1959. 80 p. (Opyt uchasiniikov VSKhV)

RUSSIA, NORTHWESTERN—FIGWORT

Biometric investigation of the systematic relationships of species and forms of Odontites Zinn in the northwestern U. S. S. R. [with summary in English] V. M. Shmidt. Vest. LGU 17 no. 3:32-44 '62

RUSSIA, SOUTHERN—CLAY

Recent data on the composition and genesis of clay minerals in deposits of the Maikop series in Ciscaucasia. D. D. Kotel'nikov. Dokl. AN SSSR 142 no. 5:1146-1149 F '62.

RUSSIAN ENTERTAINERS see Entertainers, Russian

RUSSIAN FOLK SONGS see Folk songs, Russian

RUSSIAN LANGUAGE

Efimov, A. I. [History of the Russian literary language] Istoriia russkogo literaturnogo iazyka. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 321 p.

Establishment of syntactical relations between prepositional groups in the Russian language. I. N. Shelimova. Soob. Otd. mekh. i avtom. inform. rab. no. 2:117-141 '61.

Generation of forms in the synthesis of Russian words. Z. M. Volotskaia. Soob. Otd. mekh. i avtom. inform. rab. no. 2:169-194 '61

Let's speak about the language. L. Krysin, L. Skvortsov. Semia i shkola 17 no. 3:45 Mr '62

Preliminary breakdown of a phrase in syntactical analysis (as applied to the Russian language). E. V. Paducheva. Soob. Otd. mekh. i avtom. inform. rab. no. 2:114-116 '61.

Redundancy of certain antitheses in the case system of the Russian noun. E. V. Paducheva. Soob. Otd. mekh. i avtom. inform. rab. no. 2:156-165 '61.

The Russian language is a language of science. A. M. Slotik. Biul. TSentr. nauch. sel'khoz bibliot. no. 5: 34-35 '60

Some quantitative data regarding the forms of nouns and verbs of the Russian language, using materials taken from mathematical texts. Z. M. Volotskaia, I. N. Shelimova, A. V. Shumilina. Soob. Otd. mekh. i avtom. inform. rab. no. 2 254-261 '61.

Syntagmas of the Russian language. E. V. Paducheva, A. I. Shumilina. Soob. Otd. mekh. i avtom. inform. rab. no. 2 89-113 '61.

Synthesis of simple Russian sentences. Z. M. Volotskaia, A. I. Shumilina. Soob. Otd. mekh. i avtom. inform. rab. no. 2, 160-168 '61.

RUSSIAN LANGUAGE—ADJECTIVE

Adjectives with the prefix "raz-." E. A. Zemskaia. Rus. iaz. v shkole 23 no. 1:13-16 Ja-F '62.

Orthographic mistakes in the endings of adjectives. M. V. Ushakov. Rus. iaz. v shkole 23 no. 1:75-79 Ja-F '62.

RUSSIAN LANGUAGE—ADVERB

Studying adverbs. V. G. Goretskii, N. V. Kostromina. Nach. shkola 30 no. 3:22-25 Mr '62.

Studying the adverb in grades 1-7 of the Turkmen school. L. M. Kulakova. Trudy Nauch.-issl. inst. shkol. no. 2: 191-240 '60.

RUSSIAN LANGUAGE—AFFIXES

Studying the spelling of noun suffixes in the fifth grade. M. K. Litesova. Rus. iaz. v shkole 23 no. 1:68-72 Ja-F '62.

RUSSIAN LANGUAGE—ANTONYMS

Exercises on synonyms and antonyms in connection with the study of nouns and adjectives. L. IA. Kirina. Rus. iaz. v shkole 23 no. 1:72-75 Ja-F '62.

RUSSIAN LANGUAGE—CLAUSES

Syntactic connection of subordinate clauses in compound sentences. V. K. Pokusaenko. Rus. iaz. v shkole 23 no. 1:22-27 Ja-F '62.

RUSSIAN LANGUAGE—COMPOSITION AND EXERCISES

Compositions on the basis of contact with life. M. L. Zakozhurnikova. Nach. shkola 30 no. 2:28-35 F '62.

RUSSIAN LANGUAGE—CONVERSATION AND PHRASE BOOKS—LITHUANIAN

[Russian-Lithuanian conversation book] Russko-Litovskii razgovornik. Rusisku-Lietuviisku pasikalbejimu knygele. [By] V. Stasaitiene. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 325 p. [MICROFILM]

RUSSIAN LANGUAGE—DICTIONARIES—AZERBAIJANI

Russian-Azerbaijani medical terminology (the letter S) Azerb. med. zhur. no. 11 62-65 N '61

RUSSIAN LANGUAGE—DICTIONARIES—BIBLIOGRAPHY

see Bibliography—Russian language—Dictionaries

RUSSIAN LANGUAGE—DICTIONARIES—CHINESE

A brief Russian-Chinese geological dictionary. V. P. Petrov. Min. sbor. no. 14,436-444 '60

RUSSIAN LANGUAGE—DICTIONARIES—ESTONIAN

[Small Russian-Estonian dictionary] Vaike Vene-Eesti sonaraamat. Koostanud V. Muhel. Umbes 14 000 sona. Tallin, Eesti Riiklik Kirjastus, 1960. 134 p. [In Estonian and Russian]

RUSSIAN LANGUAGE—DICTIONARIES—GERMAN

[Russian-German dictionary] Russko-nemetskii slovar'. Pod red. A. A. Lepinga. 22 000 slov. Izd. 12., ispr. i dop. Moskva, Gos. izd-vo inostr. i natsional'nykh slovarei, 1961. 566 p. [MICROFILM]

RUSSIAN LANGUAGE—DICTIONARIES—LATVIAN

[Russian-Latvian dictionary] Krievu-Latviesu vardnica. Riga, Latvijas Valsts izdevnieciba.
Vol. 1. A - O. 1959. 1107 p.
Vol. 2. P - IA. 1959. 1079 p.

RUSSIAN LANGUAGE—DICTIONARIES—LITHUANIAN

[Dictionary of Russian and Lithuanian abbreviations] Slovar' russkikh i litovskikh sokrashchenii. Sost. G. Velgelsonas i dr. Vil'nius, Gos. izd-vo polit. i nauchn. lit-ry, 1960. 436 p.

RUSSIAN LANGUAGE—DICTIONARIES—UKRAINIAN

Akademiia nauk URSR, Kiev. Instytut movoznavstva. [Russian-Ukrainian technical dictionary] Russko-ukrainskii tekhnicheskii slovar'. Sost. N. M. Matiiko i dr. 80 000 terminov. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1961. 648 p.

RUSSIAN LANGUAGE—GRAMMAR

Prokopovich, N. N. [Adverbial phrases with adjectives in the modern Russian language] Sochetaniia narechii s imenami prilagatel'nymi v sovremennom russkom iazyke. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1962. 75 p.

RUSSIAN LANGUAGE—GRAMMAR, COMPARATIVE—KAZAKH

Alma-Ata. Nauchno-issledovatel'skii institut pedagogicheskikh nauk. [The Russian language in the Kazakh school; a comparative study of some grammatical features of the Russian and Kazakh languages] Russkii iazyk v kazakhskoi shkole; sopostavitel'noe izuchenie nekotorykh grammaticheskikh iavlenii russkogo i kazakhskogo iazykov. Alma-Ata, Kazakhskoe gos. uchebno-pedagog. izd-vo, 1956. 99 p. (NNC)

RUSSIAN LANGUAGE—NOUN

Indeclinable nouns in the Latvian and Russian languages. M. Semenova. Izv. AN Latv. SSR no. 1:43-50 '62.

Inflection of nouns in number. D. I. Aibatskii. Rus. iaz. v shkole 23 no. 1:16-18 Ja-F '61

RUSSIAN LANGUAGE—OLD RUSSIAN

Vinokur, T. G. [The Old Russian language] Drevnerusskii iazyk. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 114 p.

RUSSIAN LANGUAGE—ORTHOGRAPHY

Denisova, T. A., and N. A. Sudomoev. [Spelling cards used in grade 5] Kartochki po orfografii; V klass. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 55 p. (Iz opyta uchitelia)

Some causes of the appearance of erroneous orthographical generalizations in students. Report No. 3. Erroneous generalizations arising under the influence of textbook exercises done by students. N. N. Algazina. Dokl. APN 5 no. 5 53-56 '61.

"Working on difficult words in elementary schools" by I. A. Aleksandrov; book review. Nach. shkola 30 no. 3: 86-87 Mr '62.

RUSSIAN LANGUAGE—PERIODICALS

"Russkii iazyk v shkole." Ukr. mova v shkoli 12 no. 1: 87-89 Ja-F '62.

RUSSIAN LANGUAGE—PREPOSITIONS

Meaning and use of the preposition "vvidu." A. M. Finkel'. Rus. iaz. v shkole 23 no. 1:19-21 Ja-F '62.

RUSSIAN LANGUAGE—PUNCTUATION

Kuz'min, F. F. [Exercises in syntax and punctuation] Prakticheskie zaniatiia po sintaksisu i punktuatsii; uchebnoe posobie dlia pedagogicheskikh institutov fakul'tetov po podgotovke uchitelei nachal'nykh klassov. Izd. 2., dop. i ispr. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 234 p.

"Methods for learning punctuation in connection with the study of syntax" by V. F. Lomizov. Reviewed by D. Petrova. Nar. obr. no. 2 115-116 F '62.

RUSSIAN LANGUAGE—SPOKEN RUSSIAN

"Do we speak correctly?" by Boris Timofeev. Reviewed by Vl. Ditts. Neva no. 11:204-206 '61.

RUSSIAN LANGUAGE—STUDY AND TEACHING

(see also subdivision under Turkmenistan)

Activating the teaching of the Russian language. V. A. Dobromyslov. Sov. pedag. 26 no. 2 37-45 F '62.

Akademiia pedagogicheskikh nauk RSFSR, Moscow. Institut natsional'nykh shkol. [Teaching the Russian language in people's democracies] Voprosy prepodavaniia russkogo iazyka v stranakh narodnoi demokratii. Pod red. G. P. Serdiuchenko. Moskva, Izd-vo Akad. pedagog. nauk, 1961. 335 p.

Consultation. Rus. iaz. v shkole 23 no. 1:121-127 Ja-F '62

Contact with life in the development of student oral speech in grades 5-8. T. A. Ladyzhenskaia. Rus. iaz. v shkole 23 no. 1 55-60 Ja-F '62.

Correcting Russian language notebooks in grades 1-8 and literature notebooks in grades 5-11. Rus. iaz. v shkole 23 no. 1 117-118 Ja-F '62

Dashko, L. I. [Reinforcing the knowledge of Russian language by the use of visual aids, teachers' manual] Zakreplenie znanii i navykov po russkomu iazyku s primeneniem naglidnosti; posobie dlia uchitelei. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 162 p.

Development of students' speech. P. A. Grushnikov, Sh. V. Zhurzhina. Nach. shkola 30 no. 2:19-20 F '62.

Importance of a repetition graph in learning difficult words. O. M. Lobanova. Dokl. APN 5 no. 2:38-42 '61

In the Ministry of Education of the R. S. F. S. R. Shkola-int. no. 1:88-89 Ja-F '62

Independent work of students in Russian language classes in grades 8-10 of evening schools. L. L. Kniazhitskii. Rus. iaz. v shkole 23 no. 1 80-83 Ja-F '62.

Khersonskaia, N. L., comp. [Creative work of students in Russian language classes, in grades 5-7] Tvorcheskaia rabota uchashchikhsia na zaniatiiakh po russkomu iazyku v V-VII klassakh, sbornik statei. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 135 p. (Iz opyta uchitelei Moskovskoi oblasti)

Methods of improving student knowledge of the Russian language. E. Afanasenko. Rus. iaz. v shkole 23 no. 1 107-111 Ja-F '62.

Norms for grading of Russian language papers in grades 5-11 of secondary schools. Rus. iaz. v shkole 23 no. 1 111-116 Ja-F '62.

Problem of teaching the analysis of morphological word structure in grade 2. N. I. Ryzhkova. Dokl. APN 5 no. 2: 33-36 '61.

Romaninov, V. D. [Practice dialogues] Uchebnye dialogi. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1961. 96 p.

Smirnova, V. N., comp. [Studying the Russian language in boarding schools] Rabota po russkomu iazyku v shkolakh-internatakh, sbornik statei. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 102 p.

Some methods of antireligious training in Russian language classes. I. A. Ageikin. Rus. iaz. v shkole 23 no. 1 64-67 Ja-F '62.

Strengthening the connection between teaching the Russian language and life is the main task of the language teacher. D. B. Kogan. Rus. iaz. v shkole 23 no. 1 60-63 Ja-F '62.

This is alarming. S. S. Golovkov. Doshk. vosp. 35 no. 2:64-65 F '62

Unified requirements of student oral and written language. Rus. iaz. v shkole 23 no. 1:118-120 Ja-F '62.

"Working on the Russian language in boarding schools." Reviewed by V. Bulgakov. Shkola-int. no. 1:90-92 Ja-F '62.

RUSSIAN LANGUAGE—STYLE

Do all teachers speak their native Russian language well? K. I. Chukovskii, V. V. Litvinov. Nach. shkola 30 no. 2 71-75 F '62.

Moscow. Universitet. Fakul'tet zhurnalistiki. [Style of the Russian language and literary editing] Ocherki po stilistike russkogo iazyka i literaturnomu redaktirovaniiu. Pod red. K. I. Bylinskogo. [Moskva] Izd-vo Mosk. univ., 1961. 134 p.

On the "Russian character" of the Russian language. Alekseĭ IUgov. Neva. no. 9:190-197 '61.

Russian language as a culture tool. V. V. Vinogradov. Nauka i zhizn' 28 no. 12:44-47 D '61.

Stepanov, A. V. [Cultivation of speech] O kul'ture rechi. Moskva, Gos. izd-vo "Iskusstvo," 1961. 63 p. (Repertuar khudozhestvennoi samodeiatel'nosti, no. 31)

Studying Russian language style in classes with production training. L. P. Prosenan. Rus. iaz. v shkole 23 no. 1: 83-89 Ja-F '62.

RUSSIAN LANGUAGE—SYNONYMS

Exercises on synonyms and antonyms in connection with the study of nouns and adjectives. L. IA. Kirina. Rus. iaz. v shkole 23 no. 1:72-75 Ja-F '62.

RUSSIAN LANGUAGE—SYNONYMS (Continued)

Klimova, V. N. [Concise dictionary of synonyms of the Russian language] Kratkii slovar' sinonimov russkogo yazyka. Izd. 2, ispr. i dop. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. *RSFSR, 1961.* 343 p. [MICROFILM]

RUSSIAN LANGUAGE—SYNTAX

Kuz'min, F. F. [Exercises in syntax and punctuation] Prakticheskie zanyatiia po sintaksisu i punktuatsii, uchebnoe posobie dlia pedagogicheskikh institutov, fakul'tetov po podgotovke uchitelei nachal'nykh klassov. Izd. 2, dop. i ispr. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 234 p.

"Outline of Russian historical syntax, simple sentences" by I. A. Sprinchak. Reviewed by I. A. Vasilenko. Russ. iaz. v shkole. 23 no. 1:104-106 Ja-F '62.

Shirokova, N. A. [Syntactic constructions with a comparative conjunction in a simple sentence] Tipy sinkaksicheskikh konstruktsii s sravnitel'nym soiuzom v sostave prostogo predlozheniia. [Kazan'] Izd-vo Kazanskogo un-ta, 1960. 153 p. (MH)

RUSSIAN LANGUAGE—TERMS AND PHRASES

Methods of the practical assimilation of phrases with verbal adverbs and participles. V. M. Troitskaia. Russ. iaz. v shkole. 23 no. 1:90-93 Ja-F '62.

This is how we talk. L. Krysin, L. Skvortsov. Sem'ia i shkola. 17 no. 2:47-48. F '62.

RUSSIAN LANGUAGE—TEXTBOOKS

Content of the Russian language textbooks and manuals. L. A. Cheshko. Russ. iaz. v shkole. 23 no. 1:94-96 Ja-F '62.

Russian language textbooks for secondary schools. D. E. Gorelik. Russ. iaz. v shkole. 23 no. 1:96-99 Ja-F '62.

What the Russian language textbook should be like. N. A. Plenkin. Russ. iaz. v shkole. 23 no. 1:97-98 Ja-F '62.

RUSSIAN LANGUAGE—TEXTBOOKS FOR FOREIGNERS

Spagis, A. A. [Formation and usage of aspects of the Russian verb, textbook for teachers of non-Russian schools] Obrazovanie i upotreblenie vidov glagola v russkom iazyke; posobie dlia uchitelei nerusskikh shkol. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. *RSFSR, 1961.* 382 p.

RUSSIAN LANGUAGE—TRANSLATING

[illegible] of literature from Russian into the languages of the peoples of Central Asia, Kazakhstan, and Azerbaijan; January 15-18, 1958] Materialy Regional'nogo soveshchaniia po perevodu literatury s russkogo na iazyki narodov Srednei Azii, Kazakhstana i Azerbaidzhana (15-18 *ianvaria 1958 goda*). Alma-Ata, Kazakhskoe gos. izd-vo, 1960. 394 p.

RUSSIAN LANGUAGE—VERB

Mirtov, A. V. [Speak correctly; outline of the grammar and style of the Russian verb, its forms and lexical variants] Govori pravil'no, grammatiko-stilisticheskie ocherki o russkom glagole, ego formakh i slovarnykh variantakh. [Gor'kii] Gor'kovskoe knizhnoe izd-vo, 1961. 177 p. [MICROFILM]

Spagis, A. A. [Formation and usage of aspects of the Russian verb, textbook for teachers of non-Russian schools] Obrazovanie i upotreblenie vidov glagola v russkom iazyke, posobie dlia uchitelei nerusskikh shkol. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 382 p.

RUSSIAN LITERATURE—HISTORY AND CRITICISM

Blagoi, D. D. [Poetry of reality; on the nature of 19th century Russian realism and its significance in world literature] Poeziia deistvitel'nosti; o svoeobrazii i mirovom znachenii russkogo realizma XIX veka. Moskva, Sovetskii pisatel', 1961. 166 p.

Brailovskii, I. A. [Lively heart] Zhivoe serdtse. [Rostov-na-Donu] Rostovskoe knizhnoe izd-vo, 1960. 32] p. (NjP)

Defense of dissertations. V. Nazarova. Vest. Mosk. un. Ser. 7. Filol., zhur. 17 no. 1:93-94 Ja-F '62.

El'sberg, *IA. F. [Basic stages in the development of* Russian realism] Osnovnye etapy razvitiia russkogo *realizma*. Moskva, Gos. izd-vo khudozh. lit-ry, 1961. 162 p.

Fadeev, Aleksandr. [On literary work] O literaturnom trude. Moskva, Gos. izd-vo khudozh. lit-ry, 1961. 335 p.

Let us put the decisions of the 22d Congress of the CPSU into practice! Vest. Mosk. un. Ser. 7: Filol., zhur. 17 no. 1:3-8 Ja-F '62.

National character of literature and a steady trend. F. Nikolaev. Neva no. 8:199-203 '61.

Nazarenko, V. A. [Language of art; on the craftsmanship of poets and prosaists] Iazyk iskusstva; o masterstve poeta i prozaika. Leningrad, Sovetskii pisatel', 1961. 508 p.

Notes about some literary discussions. V. Ivanov. Kommunist 38 no. 4:58-68 Mr '62.

On the history of the Caucasian theme in Russian literature [with summary in English] V. A. Manuilov. Vest. LGU. 17 no. 2:161-165 '62.

Pokhitelev, I. G. [Belinskii, historian of Russian literature] Belinskii - istorik russkoi literatury. Izd. 2. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. *RSFSR, 1961.* 292 p.

Price of a "refutation." Boris Solov'ev. Neva no. 11:198-201 '61.

Sergievskii, I. V. [Selected works: articles on Russian literature] Izbrannye raboty; stat'i o russkoi literature. Moskva, Gos. izd-vo khudozh. lit-ry, 1961. 341 p.

RUSSIAN LITERATURE—STUDY AND TEACHING

More on the literature textbook for secondary schools. N. Dudin. Nar. obr. no. 3:107-109 Mr '62.

Teaching literature in the light of the decisions of the 22d Congress. N. I. Kudriashev. Sov. pedag. 26 no. 1:9-18 Ja '62.

RUSSIAN LITERATURE—TRANSLATIONS INTO MONGOLIAN

Works of Soviet writers in the Mongolian language. Ch. Chimid. Sovr. Mong. 6 no. 2:19 F '61.

RUSSIAN LITERATURE—TRANSLATIONS INTO TURKIC

[illegible] of literature from Russian into the languages of the peoples of Central Asia, Kazakhstan, and Azerbaijan, January 15-18, 1958] Materialy Regional'nogo soveshchaniia po perevodu literatury s russkogo na iazyki narodov Srednei Azii, Kazakhstana i Azerbaidzhana (15-18 *ianvaria 1958 goda*). Alma-Ata, Kazakhskoe gos. izd-vo, 1960. 394 p.

RUSSIAN NEWSPAPERS

(see also subdivision under Bulgaria; Karaganda; Orenburg Province)

How the newspaper "Pravda" covered the Ukrainian labor *movement in 1912-1914*. V. H. Sarbei. Ukr. ist. zhur. 6 no. 2:35-45 Mr-Ap '62.

Krasov, A., and E. Petrov, comps. [With the help of *newspapers] Opirayas' na gazetu*. Red. A. Belanovskii] Moskva, Gos. izd-vo polit. lit-ry, 1961. 151 p. (V pomoshch' rabotnikam pechati)

Lenin's "Pravda" in the years of new revolutionary upsurge. L. K. Erman. Prep. ist. v shkole. 17 no. 2:19-28 Mr-Ap '62.

Loginov, V. T. [Lenin and the newspaper "Pravda" in 1912-1914] Lenin i "Pravda" 1912-1914 godov. Moskva, Gos. izd-vo polit. lit-ry, 1962. 241 p.

The role of "Iskra," a newspaper published by Lenin, in the political education of Ukrainian *workers*. D. M. Shcherbakov. Pratsi Od. un. 150. Ser. susp. nauk no. 3:179-190 '60.

Role of the newspaper "Pravda" in People's Bulgaria. G. M. Popov, M. I. Liadniev, G. D. Iordanov. Ukr. ist. zhur. 6 no. 2:28-35 Mr-Ap '62.

RUSSIAN NEWSPAPERS—BIBLIOGRAPHY see Bibliography—Russian newspapers

RUSSIAN NEWSPAPERS—INDEXES

[Chronicle of newspaper articles.] Let. gazet. st. no. 2 '62.

RUSSIAN PERIODICALS—BIBLIOGRAPHY see Bibliography—Russian periodicals

RUSSIAN PERIODICALS—INDEXES

[Chronicle of periodical articles.] Let. zhur. st. nos. 7-11 '62.

RUSSIAN PLAIN see East European Plain

RUSSIAN PLATFORM—GEOLOGY

Tolstikhina, M. M. [Devonian sediments in the central part of *the Russian Platform* and Paleozoic development of its *basement*] *Devonskie otlozheniia tsentral'noi chasti Russkoi platformy i razvitie ee fundamenta v Paleozoe. Moskva, Gos.* izd-vo geol. lit-ry, 1962. 141 p. (Vsesoiuznyi nauchno-issledovatel'skii geologicheskii institut. Trudy)

Zones of epigenesis in terrigenous deposits of the platform mantle as revealed by the study of Riphean and *Paleozoic* sediments in the southeastern part of the Russian Platform. V. D. Shutov. Izv. *AN SSSR. Ser.* geol. 27 no. 3:30-44 Mr '62.

RUSSIAN PLATFORM—MINERALS

Characteristics of the mineralogical *composition of* fragmental rock material from the Stalinogorsk horizon in the eastern part of the Russian Platform. E. T. Gerasimova, N. G. Latypov. Dokl. *AN SSSR* 142 no. 2:419-421 Ja '62.

RUSSIAN PLATFORM—ROCKS, SEDIMENTARY

Significance of the study of the structure of sedimentary layers as revealed by the Devonian of the Russian Platform. S. V. Tikhomirov. Biul. MOIP. Otd. geol. 37 no. 1:151-152 Ja-F '62.

RUSSIAN PLATFORM—SEDIMENTS (GEOLOGY)

Sources of Upper Devonian detrital sediments in the southeastern part of the Russian Platform. P. A. Mentsilenko, S. V. Tikhomirov. Izv. *vys. ucheb. zav.; geol. i razv.* 5 no. 1:19-23 Ja '62.

RUSSIAN PLATFORM—SEISMIC PROSPECTING

Geological interpretation of seismic prospecting data on the eastern part of the Russian Platform. S. V. Krylov. Zap. LGI. 39 no. 2:91-98 '61.

RUSSIAN POETRY

Poetry and matters of business. V. Shoshin, V. Krupin. Neva no. 8:201 '61.

RUSSIAN POETRY—HISTORY AND CRITICISM

Bekker, M. I. [On poets; literary criticism] O poetakh; literaturno-kriticheskie stat'i. Moskva, Sovetskii pisatel', 1961. 69 p. (MH) (NN)

Contemporaneity and some problems of poetry. A. Saliev. Izv. AN Kir. SSR, Ser. obshchestv. nauk. 3 no. 1:30-51 '61.

"Day of poetry." Reviewed by D. Gavrilov. Neva no. 11:202-204 '61.

Genre-style diversity of present-day Soviet poetry. V. A. Zaitsev. Vest. Mosk. un. Ser. 7. Filol., zhur. 17 no. 1:9-22 Ja-F '62.

A poem is an abode in which dwells man. Dm. Khrenkov. Neva no. 9:198-201 '61.

Poetry and criticism. B. Ostrov. Znamia. 31 no. 11:220-224 N '61.

RUSSIAN SATELLITES see Communist Countries

RUSSIAN SOCIAL DEMOCRATIC PARTY

(see also subdivision under Tsarist Government; Ukraine)

Anan'in, E. A. [Reminiscences of a revolutionary; 1905-1923] *Iz vospominanii revoliutsionera, 1905 1923 g.g. New York, 1961.* 75 p. (Inter-University Project on the History of the Menshevik Movement, paper no. 7)

Aronson, Gregor. [Revolutionary youth; reminiscences, 1903-1917] Revoliutsionnaia iunost'; vospominaniia 1903-1917. [New York] 1961. 245 p. (Inter-university Project on the History of the Menshevik Movement. Papers, no. 6) (MH)

The Bolshevik newspaper "Proletarii" and efforts to strengthen the underground party organization and use the available means of legal activity during the reactionary period, 1907-1910. G. V. Kniazeva. Trudy LIEI no. 38:26-62 '61.

Important date in the history of our party; on the 50th anniversary of the Sixth Conference of the Russian Democratic Party in Prague. P. M. Shmonin. Ist. SSSR. zhur. 6 no. 1:140-141 Ja-F '62.

Lenin, V. I. [One step forward and two steps back; a crisis in our party] Shag vpered, dva shaga nazad (Krizis v nashei Partii). Moskva, Gos. izd-vo polit. lit-ry, 1961. 221 p.

V. I. Lenin's important work "What is to be done?" V. Vasiliuk. Kommun. Bel. 39 no. 3:62-66 Mr '61.

V. I. Lenin's unmasking of the opportunistic tactics of the Mensheviks in the period of the development of the first bourgeois democratic revolution in Russia. P. I. Ignatov. Trudy LKI no. 30:113-123 '60.

RUSSIANS see subdivision under Turkestan

RUSSIANS—ANTHROPOMETRY

Differences of body proportions in Russians and Buryats with factor analysis of some measurements. V. P. Chtetsov. Vop. antr. no. 6:113-120 '61.

Factor analysis of body and head dimensions of Russians and Buryats. V. P. Chtetsov. Vop. antr. no. 5:83-91 '60.

RUSSO-FRENCH ALLIANCE see Franco-Russian Alliance

RUSTAVI—ARCHAEOLOGY

"The city of Rustavi"; historical and archaeological study by L. A. Chilashvili. Reviewed by O. D. Lordkipanidze. Sov. arkheol. 8 no. 1:321-324 '62.

RUSTAVI—CEMENT

Quick hardening slag portland cement from the Rustavi cement plant. K. S. Kutateladze and others. Nauch. soob. *NIITSementa no. 11:14-17 '61.*

Slag portland cement from the Rustavi cement plant used as a plugging cement for hot holes. Z. I. Danilushkevskaia, G. P. Gerasimova. Nauch. soob. *NIITSementa* no. 11:11-14 '61.

RUSTS (FUNGI)

Physiology of the urodospore *germination of rust fungi*. M. N. Talieva. Biul. Glav. bot. sada no. 44:38-47 '61.

RUTHENIA see Transcarpathia

RUTILE

Conversion of ilmenite into rutile in supergene processes. Iu. H. Kukovs'kyi, Iu. V. Kononov. Geol. zhur. 21 no. 6:97-102 '61.

RUTILE CRYSTALS

Relaxation times of Cr^{3+} and Fe^{3+} ions in rutile single crystals. A. A. Manenkov, V. A. Miliaev, A. M. Prokhorov. Fiz. tver. tela 4 no. 2:388-391 F '62.

RUTIN
Specific suppression of the activity of glycolytic redox enzymes by the inhibitors of free-radical reactions E A Neifakh Dokl AN SSSR 142 no 6 1405-1408 F '62
Synthetic studies in the flavonoids field Part 4 Total synthesis of quercetin-3-β-rutinoside (rutin). M. K. Shatkova, G I. Samokhvalov, N. A. Preobrazhenskii. Zhur. ob khim. 32 no. 2:390-396 F '62

RUTUL DISTRICT—ARCHITECTURE
Architecture of the Tsakhura. S O Khan-Magomedov. Arkhit nas. 13 33-60 '61

RYAZAN GOVERNMENT—PEASANT UPRISINGS
Ryazan (Province) Upravlenie vnutrennikh del. Arkhivnyi otdel. [Peasant unrest in the Ryazan Government during the first Russian revolution; documents and source materials] Krest'ianskoe dvizhenie v Riazanskoi gubernii v gody pervoi russkoi revoliutsii, dokumenty i materialy [Riazan'] Riazanskoe knizhnoe izd-vo, 1960. 332 p

RYAZAN PROVINCE—INDUSTRIES
Practice of accounting for the gross output of main and subsidiary industrial enterprises A Kotlagina Vest stat no. 3 71-72 '62

RYAZAN PROVINCE—MILK
Reducing the cost of milk production, as exemplified by collective farms in Ryazan Province. IA. M Ginzburg Dokl i soob VNIESKH no. 11:72-82 '61

RYAZAN PROVINCE—PUBLIC HEALTH, RURAL
Development of rural public health in Ryazan Province during the years of Soviet rule. IA S Mindlin Sov. zdrav. 21 no. 1 56-61 '62.

RYBAKOV, ANATOLII
"The adventures of Kiosh" by Anatolii Ryabkov. Reviewed by B Volkov. Neva no. 10:210-211 '61

RYBINSK RESERVOIR—WAVES
Some results of observations on wind waves in Rybinsk Reservoir. V B Vaisband Sbor. rab po gidrol no 2 60-66 '61

RYBINSKII, ALEKSEI DMITRIEVICH, d. 1961
Tenth anniversary of the death of M D. A D Rybinskii, A L. Shafran, O R. Mikheeva Vest rent i rad 36 no 6.84 N-D '61

RYE
Determining baking properties of rye flour with a penetrometer. L IA Auerman, L V IAkovleva. Izv. vys. ucheb. zav., pishch. tekh no. 6 135-137 '61.
Effect of sowing time and supplementary nitrogen dressing on the yield and quality of rye [in Latvian with summary in Russian] I Celma Izv AN Latv. SSR no. 12 105-112 '61
Sowing and harvesting time for the vetch-rye mixture. V. F. Kalikinskaia Trudy BSKHA 34:28-33 '61

RYL'SKYI, MAKSYM, 1895-
A poet inspired by folk songs. Volodymyr Boiko. Ukraina no. 3 7-8 F '62

RYTOV, MIKHAIL VASIL'EVICH, 1846-1920
M. V. Rytov's pedagogical views. S. M. Zalikina. Uch. zap. Kar. ped. inst. 7:3-15 '58.

RZHEV REGION—WORLD WAR, 1939-1945—PERSONAL NARRATIVES
Fanarin, M. I. [The Battle of Rzhev; notes of a party secretary of a rifle regiment] V bolakh pod Rzhevom, zapiski sekretaria partiinoi strelkovogo polka. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 126 p.

SABINENE
Catalytic transformations of terpenes. Part 9 Isomerization of sabinene by means of metatitanic acid. G.A. Rudakov, M.I Goriaev, G A Tolstikov. Zhur.ob.khim. 32 no.1:312-315 Ja '62.
Study of the substances entering into the composition of essential oils. Part 2: Condensation of sabinene with diazoacetic ester. M.I.Goriaev, G A.Tolstikov. Zhur.ob khim. 32 no.1:310-312 Ja '62.

SAFETY EDUCATION
Too many cooks spoil the broth. B. Zolotarev. Okhr. truda i sotsstrakh. 5 no. 2:26-28 F '62.

SAFETY EDUCATION, INDUSTRIAL
Instruction on industrial hygiene. V. Vasil'eva and others. Okhr. truda i sots. strakh. 5 no. 1:31-32 Ja '62.

SAFFLOWER
Characteristics of the reaction of safflower to ecologic conditions. IA. G. Momot. Uzb. biol zhur. no. 6:59-63 '61.

SAIGA
Saigas. A. G. Bannikov. Priroda 51 no. 2:89-93 F '62.

ST. VITUS'S DANCE see Chorea

SAINTS
Andrliova'kyi, V. P. [Worship of Saints in the Christian religion] Pro kul't sviatykh khrystyians'koi religii. Kyiv, 1961. 33 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 2., no. 11)

Vanagas, V. ["The saints"] "Sventieji." Vilnius, Valstybine politines ir mokslines literatures leidykla, 1961. 45 p. [In Lithuanian]

SAITOVO REGION—GEOLOGY, STRATIGRAPHIC
Recent data on the stratigraphy of Tournaisian deposits in Tatarstan I. A. Antropov Dokl AN SSSR 142 no 6 1351-1354 F '62

SAKHALIN—BITUMEN—GEOLOGY
Studying Tertiary bitumens of some areas of Sakhalin. M. S. IAroshevich. Trudy VNIGRI no 181:191-194 '61

SAKHALIN—FAULTS (GEOLOGY)
Fractoconformities on Sakhalin and methods of studying them. V. S. Koval'chuk. Trudy VNIGRI no. 181:121-131 '61

SAKHALIN—FISHERIES
With the fishermen of the Far East N. Buklyshev. Part zhizn' no 6 44-47 Mr '62

SAKHALIN—GEOLOGY
Paleozoic sediments of Taulan-Armudan Ridge on Sakhalin V. A. Shustov. Trudy VNIGRI no. 181,95-111 '61.

SAKHALIN—GEOLOGY, STRATIGRAPHIC
Correlation of the Neogene sediments of the Okha-Ekhabi oil-bearing region and Schmidt Peninsula N. B. Vassoevich. Trudy VNIGRI no. 181,25-62 '61.
Ekhabi series. L. N. Solomatina. Trudy VNIGRI no. 181:83-87 '61.
Ekhabi series of northern Sakhalin. V. I. Golovinskii. Trudy VNIGRI no. 181:73-82 '61.
Lower Miocene stratigraphy of the eastern shore of Sakhalin (Gastellovka series) L S. Zhidkova, I N. Kuzina. Trudy VNIGRI no. 181:5-24 '61

SAKHALIN—GEOLOGY, STRUCTURAL
Features of the recent tectonics and morphostructure of Sakhalin. S. M. Aleksandrov. Sov geol. 5 no. 2 129-134 F '62.
Role of vertical block shifts in the formation of the structure of Sakhalin. S N. Alekseichik Trudy VNIGRI no. 181:112-120 '61.

SAKHALIN—GEOLOGY, STRUCTURAL—MAPS
Present-day structural plan of the Tertiary sediments of the northeastern shore of Sakhalin and some problems of its formation. S D. Gal'tsev-Geziuk, V S Koval'chuk. Trudy VNIGRI no 181:133-139 '61.

SAKHALIN—HERRING
Recent data on the tagging of herring in the waters of Sakhalin. A. D. Druzhinin. Ryb. khoz. 38 no. 2:16-19 '62.

SAKHALIN—OIL FIELD BRINES
Characteristics of the hydrogeological conditions of the area of northern Sakhalin oil fields A. D Veselago. Trudy VNIGRI no. 181:195-202 '61.

SAKHALIN—PETROLEUM GEOLOGY
Structural plan of the Pul'tun-Chayvo trough. IU. N. Grigorenko. Trudy VNIGRI no 181:154-160 '61
Tectonics and the oil potential of northwestern Sakhalin. IU. S. Mavrinskii, I. A. Teplov Trudy VNIGRI no. 181: 140-153 '61.

SAKHALIN—SCHOOLHOUSES
New buildings on Sakhalin. G. Verstin. Nar. obr. no 2: 52 F '62.

SAKHALIN ISLAND—GILYAKS
Nivkhi settlements, dwelling and farm structures in the Amur Valley and the western shore of Sakhlain Island, middle part of the 19th and beginning of the 20th century. Ch M. Taksami. Trudy Inst. etn. 64 98-166 '61.

SAKHALIN PROVINCE see Sakhalin

SAKHAROV, MIKHAIL ALEKSEEVICH, 1870-1962
Priceless contribution to the photographic records of culture. D Mashunovskii. Sov. foto 22 no. 3:44 Mr '62.

SAKSAGAN' VALLEY—MIGMATITES
Origin and stratigraphic setting of porphyroblastic polymigmatites in the middle of the Saksagan' Basin. V. G Zlobenko, I. F. Zlobenko. Geol. zhur. 22 no. 1:81-87 '62.

SALAMANDERS see Newts

SALEKHARD—IONOSPHERE
Ionospheric effect of the solar eclipse of Feb. 15, 1961 according to observations in Salekhard. R. D. Sukhanova. Geomag. i aer. 1 no 6:1016-1017 N-D '61.

SALES TAX
Suggestion worth attention. M. Mashkarinets. Fin. SSSR. 23 no. 1,76-79 Ja '62.

SALINE AND ALKALI SOILS
Studying changes in the vegetation cover of saline soils in the Alazan' Valley. V. G. Arsenishvili. Soob. AN Gruz. SSR 27 no. 6:739-746 D '61.
Suspension effect of saline and alkali soils. I. S. Mozhenin. Izv. AN Kazakh. SSR. Ser. bot. i pochv. no 2:85-89 '61.

SALIVA
Cholinergic properties of the saliva and blood in acute experimental ulcer of the stomach and chronic peptic ulcer in man. Kh. S Khamitov, F. S Khamitov. Kaz. med zhur. no 6:21-24 N-D '61.

SALIVARY CALCULI see Calculi, Salivary

SALIVARY GLANDS
Age morphology and innervation of the human parotid salivary gland in the postembryonic period. Kh. Rakhmanov Med zhur Uzb no 2 37-42 F '60
Effect of partial extirpation of the large salivary glands on pulse wave velocity and blood pressure level in dogs [with summary in English]. A Vaitneris Izv AN Latv. SSR no 1 117-121 '62
Salivation and sweating phenomena in the Wallenberg-Zakharchenko syndrome [with summary in French] S. L Levin Zhur nevr i psikh 61 no 6-833-836 '61.

SALIVARY GLANDS—DISEASES
Malfunction of the submaxillary salivary glands in sialolithic disease. V S. Kovalenko Probl stom 5, 268-273 '60.

SALK VACCINE see Poliomyelitis vaccine

SALMON
(see also subdivision under Kamchatka, Kubena, Lake, Peterupo River)
Evaluating some diets for salmon on the basis of a histological analysis of the liver [with summary in English on page 267]. K. A. Faktorovich Izv. GosNIORKH 51:37-46 '61.
The technique of rearing young-of-the-year salmon [with summary in English on page 267]. N I IAndovskaia. Izv. GosNIORKH 51:28-36 '61.

SALMONELLA
Amino acid decarboxylases in microbes of the Salmonella family. Report No. 2 [with summary in English]. M.O Birger. Zhur. mikrobiol., epid. i immun. 32 no. 9 125-130 S '61
Familial toxicoinfections caused by Salmonella Eastbourne S.I. Topolianskaia, O.A Fedorova, F G Latskaia. Zhur. mikrobiol., epid. i immun 32 no. 9: 140 S '61
Prolonged observation of mice infected with different microbes of the intestinal group A Z. Tsi-Karapetian Lab. delo 8 no 2 43-45 F '62.

SALMONELLA PULLORUM
Sensitivity of local strains of Salmonella pullorum to antibiotics. V. I Sokolova. Veterinariia 39 no 1:80-81 Ja '62.

SALMONELLA TYPHIMURIUM
Mutagenic action of 5-bromuracil on Salm. typhimurium. A. G. Skavronskaia, V. N. Pokrovskii Vest. AMN SSSR 16 no 12:84-86 '61.

SALMONELLA TYPHOSA see Eberthella typhosa

SALT
(see also subdivision under Sivash)
Atmospheric salinization of ground waters in the areas north of Soviet deserts as revealed by the Turgay Depression. IA. E. Arsh Vop. gidrogeol i inzh. geol. no 19:33-40 '61.
Effect of animal protein, common salt and restrictive diet (apples) days on the hemodynamics in hypertension [with summary in English] G. E. Sorokin Vop pit. 21 no 1:22-29 Ja-F '62
Interaction of neodymium chloride with molten sodium and potassium chlorides. Z. N Shevtsova, L. A. Kottser, B. G. Korshunov. Izv. vys. ucheb. zav., tsvet. met. 5 no. 1 121-126 '62.
Spectral determination of lithium in sodium brines [with summary in English]. E. I A. Norov. Zhur. anal. khim. 17 no. 1:4

SALT DOMES
(see also subdivision under Bostove region; region)
Efficient methods for geological mapping and in salt-dome regions. G. E. -A. Alzenshtad Sov. geol. 4 no. 12:113-116 D '61.

SALT INDUSTRY see subdivision under Carpathian Mountain region

SALTS
Aftercurrents and cathodic current efficiency electrolysis of fused salts. M. V. Smirnov. elektrokhim. UFAN SSSR no. 1:3-6 '60.
Behavior of anodes of an intimate mixture of dioxide with carbon in the electrolysis of s M. V. Smirnov, S. F. Pal'guev. Trudy Inst. UFAN SSSR no. 1:29-33 '60.
Corrosion testing of porous specimens in m gas permeability method. G. K. Stepanov, A. M. Trunov. Trudy Inst. elektrokhim. UF no. 1:73-77 '60.
Equilibrium potentials of zirconium in a fus mixture of sodium and potassium chlorides Komarov, M. V. Smirnov, A. N. Baraboshki Inst. elektrokhim. UFAN SSSR no. 1:17-22

SALTS (Continued)
Separation of mixtures of organic bases by the chromatographic adsorption method [with summary in English] L. G. Andreeva, N. A. Figurovskii Zhur anal khim 17 no 1:105-108 Ja-F '62.
Time necessary to attain a steady state in electrolysis with a constant current intensity A N Baraboshkin, M. V. Smirnov. Trudy Inst elektrokhim UFAN SSSR no. 1:7-16 '60

SALTYKOV, MIKHAIL EVGRAFOVICH, 1826-1889
Grigor'ian, K. N. [M. E. Saltykov-Shchedrin's novel "The Golovlev family"] Roman M. E. Saltykova-Shchedrina "Gospoda Golovlevy." Moskva, Izd-vo Akad. nauk SSSR, 1962. 116 p

Maneshin, V. S. [Sociopolitical views of M. E. Saltykov-Shchedrin] Obshchestvenno-politicheskie vzgliady M. E. Saltykova-Shchedrina [Khar'kov] Khar'kovskoe, knizhnoe izd-vo, 1960 228 p. (LNHT)

SALUZIDE
Results of the study of the antituberculous activity of streptosaluzide in experiments conducted in vitro and in vivo [with summary in English] V. K. Vasil'ev Antibiotiki 6 no 12:1091-1096 D '61.
Study of the effect of saluzide on the metabolism of phosphorus compounds in the liver in experimental tuberculosis by means of radioactive phosphorus [with summary in French] O G Shchepetil'nikova Probl tub no. 2 83-91 '62

SALVAGE see subdivision under Armenia

SAMARA BEND—BRACHIOPODA, FOSSIL
Characteristics of upper Carboniferous spiriferids of the Samara Bend. V. A. Prokof'ev Dokl AN SSSR 140 no. 5 1156-1158 O '61.

SAMARIN, ROMAN MIKHAILOVICH, 1911-
Professor R. M. Samarin. S. V. Rozhnovskii. Vest. Mosk. un. Ser. 7: Filol., zhur. 17 no. 1 95-96 Ja-F '62.

SAMARIUM—ISOTOPES
Probabilities of transitions between the lower levels of the Sm^{147} nucleus. E. E Berlovich and others. Izv. AN SSSR Ser fiz. 26 no 2 221-226 F '62

SAMARIUM—SPECTRA
Characteristics of the isotopic shift in the spectrum of samarium. A. R. Striganov, V. A. Katulin, V. V Eliseev Opt. i spektr. 12 no 2:171-177 F '62.

SAMARKAND—AIRPORTS
We shall live under communism. V. Ruzanov. Grazhd. av. 18 no. 11:14-15 N '61.

SAMARKAND—EDUCATION
Public education in Samarkand in three prewar five-year plans, 1928-1941 K Kh. Samibaev. Trudy UzGU no. 101:111-123 '60

SAMARKAND—MACHINERY INDUSTRY
A plant and its future. V. Chernykh. Nar khoz. Uzb. 4 no. 2:76-78 F '62.

SAMARKAND—POLIOMYELITIS
Recuperative period of paralytic poliomyelitis from data of the Clinic for Nervous Diseases at the Samarkand Medical Institute for 1955-1957 M. Kh Samibaev, V. G. Tambovtseva. Med. zhur Uzb. no. 3 62-64 Mr '60.

SAMARKAND—REVOLUTION OF 1905
Samarkand during the First Russian Revolution S. A. Akramov. Trudy UzGU no. 101:23-44 '60.

SAMARKAND—SEPULCHRAL MONUMENTS
Development of the structure of single-dome buildings in the fourteenth and beginning of the fifteenth centuries in the Shahi-Zinda group. I. I Notkin. Arkhit nas 13: 181-188 '61

SAMARKAND PROVINCE—AGRICULTURE, CO-OPERATIVE
How the League "Koshchi" helped to carry out the great "cooperative plan" of Lenin in Samarkand Province. M. M. Abramov. Trudy UzGU no 101, 85-88 '60.

SAMARKAND PROVINCE—GRASSES
Fall and winter conditions and wintering of herbaceous plants of Samarkand Province. A. Khamidov. Uzb biol. zhur. no. 6:20-25 '61.

SAMARKAND PROVINCE—REVOLUTION, 1917-1921
Disbandment of counterrevolutionary Cossack units near the city of Samarkand in 1918. Kh. A. Aminov. Trudy UzGU no. 101:45-63 '60.

SAMARKAND PROVINCE—SOCIALIST COMPETITION
Party guidance of socialist competition in the industry of Samarkand Province during the fifth five-year plan, 1951-1955. M. V. Miroshnichenko. Trudy TashGU no. 170:161-179 '60.

SAMARKANDI, ABDURAZZAK
"Travel notes of Abdurazzak Samarkandi on his trip to India." Reviewed by I. Nizamutdinov. Obshchestv. nauki v Uz. no. 2:81-82 '61.

SAMOILOV, F.
"Magic wand"; sketches by F. Samoilov. Reviewed by A Zyrin. Neva no 9:211 '61.

SANATORIUMS
(see also subdivision under Gurzuf)
Let's improve medical treatment and rest in sanatoriums. V. Shebanov. Okhr. truda i sots. strakh 5 no. 1:16-17 Ja '62.
Selecting patients for sanatorium and spa treatment. L. Khasin Zdrav Bel. 7 no 6:21-23 Je '61.

SAND
(see also subdivision under Buryat-Mongolia)
New on running sands. V M Dadykin Avt. dor 25 no 2 30-31 F '62.

SAND, FOUNDRY
Investigation of molding materials in foreign countries IU. P. Vasin Lit. proizv. no 2:43-46 F '62
Shatskikh, M. I. [Molding and coremaking mixtures] Formovochnye i sterzhnevye smesi. Pod obshchei red. A M Lipnitskogo Moskva, Mashgiz, 1961 77 p. (Bibliotechka liteishchika, no. 2)
Use of the Cherkassy Province palygorskite clay in molding mixtures. A. A. Strinchenko, A. A Gorshkov Lit. proizv. no. 2:4-7 F '62.

SAND, FOUNDRY—ADDITIVES
Using chemically solidifying mixtures. A. M. Manakin, N. Kh Ivanov, F. A. Get'man Konstr. i tekh. mash no. 1:125-137 '61

SAND, FOUNDRY—TESTING
Changes in the properties of sand-bentonite mixtures caused by water glass additives. G. P. Borisov. Mashino stroenie no 1 58-62 Ja-F '62

SAND AND GRAVEL INDUSTRY
Determination of the best productivity for district rock, gravel, and sand open pits. IU. M. Motov. Sbor. trud NIIZHelezobetona no. 3:159-173 '60.
Hydraulic conveying of a mixture of sand and gravel. I. G. Khaskel'berg. Sbor. trud NIIZHelezobetona no. 3: 118-123 '60.
Raw material base of gravel and sand materials and stone for the construction of district strip-mining enterprises. B. IA. Ramzes. Sbor trud. NIIZHelezobetona no. 3:174-188 '60.
Separation of the oversize with a falling load. T. P. Zhumakhanova, I. V. Millukova. Sbor. trud. NIIZHelezobetona no. 3:108-117 '60.
Ways to lower the net cost of stone, crushed stone, gravel, and sand for construction. A. I. Dain and others. Sbor. trud. NIIZHelezobetona no. 3:147-158 '60.

SAND BARS see subdivision under Azov, Sea of; Black Sea

SAND-LIME PRODUCTS
Frost resistance of carbonated sand-lime products with unslaked dolomitic lime [with summary in English]. T. Millers, K. Karlsons, A. Vaivads. Izv. AN Latv. SSR no. 12:35-40 '61.
Silicate and sawdust concrete blocks from local materials N. A. Kalnina. Trudy Zap.-Sib. fil. ASiA no. 3 35-41 '60.

SAND-LIME PRODUCTS—TESTING
Study of the effect of a type of lime and a method of grinding quartz sand on their interaction during steaming. B. N. Vinogradov. Sbor. trud. VNIINSM no. 4:56-76 '61.

SANDSTONE—ANALYSIS
Mineralogical composition of titanium-bearing sandstones. Titan i ego splavy no. 5:3-12 '61.

SANDY SOILS
Microflora of semidesert stony "Kirov" soils and their change under cultivation. A. I. Minasian, A. D. Nalbandian. Agrobiologiia no. 6:842-848 N-D '61.

SANITARY ENGINEERING
Akademiia stroitel'stva i arkhitektury SSSR. Institut [illegible] [illegible] 210 p. (Seriia prakticheskikh posobii po povysheniiu masterstva v zhilishchnom stroitel'stve)
Govorov, V. P. [Economics and organization of sanitary-engineering work] Ekonomika i organizatsiia sanitarno-tekhnicheskikh rabot. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 215 p.
Nauchno-tekhnicheskoe obshchestvo stroitel'noi industrii SSSR. [Installing sanitary engineering equipment in industrial plants, apartment houses, and public buildings] Montazh vnutrennikh sanitarno-tekhnicheskikh ustroistv promyshlennykh, zhilykh i obshchestvennykh zdanii. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 221 p.
Open letter of the participants in the technical conference of the Sanitary Engineering Trust No. 6 of the Construction Administration of the Gorkiy Economic Council. Vod. i san. tekh. no. 2:1-2 F '62.
Sapozhnikov, M. M. [Handbook of sanitary engineering] Pamiatka santekhnika. Pod obshchei red. V. I. Makarova. [Leningrad] Lenizdat, 1961. 55 p. (V pomoshch' stroiteliu)

SANITARY ENGINEERING—BIBLIOGRAPHY see Bibliography—Sanitary engineering

SANITATION—STATISTICS
Markuzon, F. D. [Sanitation statistics in prerevolutionary Russia and in the U. S. S. R.] Ocherki po sanitarnoi statistike v dorevoliutsionnoi Rossii i v SSSR. Moskva, Gosstatizdat, TsSU SSSR, 1961. 120 p.

SAPAROV, A.
"This is the way we live" by A. Saparov. Reviewed by A Pyl'nev Neva no 10 205-207 '61.

SAPOZHNIKOVA, ANTONINA IVANOVNA
Our delegate L. I. Vladykin. Rus. iaz. v shkole 23 no. 1 9-12 Ja-F '62

SAPROPELS see subdivision under Latvia

SARANSK—DUMP TRUCKS
Saransk Dump-Truck Plant. IA. Levin. Avt. transp 40 no. 3 42 Mr '62

SARATOV PROVINCE—COMMUNITY LIFE
Let's give better service to visitors on experimental farms. IU. Sergeev. Kul't.-pros rab 23 no. 1:39 Ja '62

SARATOV PROVINCE—FLIGHT TRAINING
A day in Dubki. A. Viktorov. Kryl. rod. 12 no. 10:15 O '61

SARATOV PROVINCE—GAS, NATURAL—GEOLOGY
Mashkovich, K. A. [Methods of prospecting for oil and gas in the Volga Valley portion of Saratov Province] Metodika poiskov i razvedki nefti i gaza v Saratovskom Povolzh'e. Pod red. M. F. Mirchinka. Moskva, Gos. nauchno-tekhn. izd-vo nefti i gorno-toplivnoi lit-ry, 1961. 243 p.

SARATOV PROVINCE—MEDICAL LABORATORIES
Conference of laboratory workers of Saratov Province. N. S Solun. Lab. delo 8 no 2:62 F '62.

SARATOV PROVINCE—PETROLEUM GEOLOGY
Mashkovich, K. A. [Methods of prospecting for oil and gas in the Volga Valley portion of Saratov Province] Metodika poiskov i razvedki nefti i gaza v Saratovskom Povolzh'e. Pod red. M. F. Mirchinka. Moskva, Gos. nauchno-tekhn. izd-vo nefti i gorno-toplivnoi lit-ry, 1961. 243 p.

SARDINE FISHERIES see subdivision under Dakar region; Takoradi region

SARMATIANS
(see also subdivision under Caucasus, Northern)
Relations of the Alano-Bulgarian tribes of the Don Valley with the Slavs in the eighth - ninth centuries. S. A. Plotnova. Sov. arkheol 6 no. 1:83-94 '62.
Sarmatian burial from the burial mound near the village of Olonesht, Moldavian S. S. R. A. I. Meliukova. Sov arkheol. 6 no 1:195-208 '62.

SARMATIANS—CRANIOLOGY see subdivision under Volga Valley

SATELLITE VEHICLES see Artificial satellites

SATELLITES, ARTIFICIAL see Artificial satellites

SAUREL see subdivision under Atlantic Ocean

SAUSAGE CASINGS
Production of synthetic protein casings. A. Borisov. Miasn. ind. SSSR 32 no. 6:13-14 '61.

SAUSAGES
(see also subdivision under Lyubimovskiy)
Using lactic acid bacteria in preparing uncooked smoked sausages. A. Starostin, Zh. Kozlova. Miasn. ind. SSSR 32 no. 6:15-16 '61.

SAVEL'EV, GENNADII, 1933-
Spring of creativity. R. Shaverdian. Sov. muz. 26 no. 2:32-39 F '62.

SAVENKO, SERGEI NIKOLAEVICH, 1901-
Sergei Nikolaevich Savenko. Zhur. nevr. i psikh. 61 no. 6:951 '61.

SAVINGS BANKS see subdivision under Sortavala District

SAVITSKII, GEORGII KONSTANTINOVICH, 1887-1940—BIBLIOGRAPHY see Bibliography—Savitskii, Georgii Konstantinovich, 1887-1940

SAVRASOV, ALEKSEI KONDRAT'EVICH, 1830-1897
"Rooks have come." N. V. Krasnova. Nach. shkola 30 no. 2:65-68 F '62.

SAWMILLS—FIRES AND FIRE PREVENTION see subdivision under Solomennoye

SAWS
Cutting tool for sawdustless milling of wood. B. Selesnev. Les. prom. 38 no 12;13-14 D '61
Saw with self-sharpening teeth. V. G. Kuropiatnik. Der. prom. 11 no. 3;10-12 Mr '62.

SAWS—SAFETY APPLIANCES
Safety shields for crosscut sawing machinery. A. Akimova. Les prom 39 no. 12;24-25 D '61.

SAYAN MOUNTAIN REGION—ENGINEERING GEOLOGY
Characteristics of the central part of the Eastern Sayans from the point of view of engineering geology G. G. Skvortsov. Vop. gidrogeol i inzh geol. no 19;54-58 '61.

SAYAN MOUNTAINS—CRANIOLOGY
Paleoanthropology of the Altai-Sayan upland of the Neolithic and Bronze epochs V. P. Alekseev Trudy Inst. etn. 71·107-206 '61.

SAYAN MOUNTAINS—GEOLOGY
Lysaya gabbro-pyroxenite-peridotite massif [with summary in English]. I. M. Volokhov, V M. Ivanov. Geol. i geofiz no. 11·74-85 '61.

SAYAN MOUNTAINS—SCHISTS
Determination of the age of metamorphic schists of the Baikal-Sayan mountainous region in the Academy of Sciences of the Ukrainian S. S. R. M. P. Semenenko, F. I. Kotlovs'ka, S. H. Demydenko. Geol. zhur. 21 no. 6; 56-66 '61.

SCALES (WEIGHING INSTRUMENTS)—TESTING
Quality of dial scales. M. I. Faingol'd. Izm. tekh. no. 2; 15-17 F '62.
Simple carriage for checking motor vehicle scales. K. I. Zhivilo. Izm. tekh no 2;15 F '62.

SCANDIUM
Distribution of scandium in intrusive rocks [with summary in English]. L. F. Borisenko, D. A. Rodionov. Geokhimiia no. 9;765-770 '61

SCARLET FEVER
(see also subdivision under Kazan)
Phenoxymethylpenicillin prevention of complications in scarlet fever [with summary in English] Z. I. Azovskaia. Antibiotiki 6 no. 9;51-53 S '61.

SCATTERING (PHYSICS)
Approximate γ_5-invariance in the theory of strong interactions. A. A. Logunov, V. A. Meshcheriakov, A. N. Tavkhelidze. Dokl. AN SSSR 142 no. 2;317-318 Ja '62.
Dynamic properties of elementary particles and the theory of the scattering matrix. V. B. Berestetskii. Usp. fiz. nauk 76 no. 1;25-77 Ja '62.
Golovin, B. M., and others. [Spin-orbital states of particles in elastic nucleon-deuteron scattering] Spinovye sostoiniia chastits pri uprugom nuklon-deitronnom rasseianii, Dubna, Ob"edinennyi in-t iadernykh issledovanii, 1961. 15 p.
Theory of resonance scattering on atomic systems. Part 1. Deduction of general formulae [with summary in English]. M. V. Kazarnovskii, A. V. Stepanov. Zhur. eksp. i teor. fiz. 42 no. 2;480-498 F '62.

SCENE PAINTING
Artists paint for the ballet. E. Lutskaia. Iskusstvo 25 no. 1;31-35 '62.

SCHISTS see subdivision under Baikal Range; Sayan Mountains

SCHIZOPHRENIA
Alcoholism and schizophrenia. V. A. Gilliarovskii, L. A. Bogdanovich. Probl. ned. psikh. 9;355-360 '61.
Clinical and psychopathological problems of schizophrenia in modern foreign psychiatry. Report No. 1. E. IA. Skternberg. Zhur. nevr. i psikh. 61 no. 6,919-933 '61.
Course and outcome of schizophrenia (preliminary report) [with summary in French]. Al Marinov. Zhur. nevr. i psikh. 61 no. 11·1723-1727 '61.
Development of delirium in persons becoming mentally ill as a debut to the schizophrenic process. F. F. Dentegof. Probl. med. psikh. 9;150-156 '61.
Dynamics of the tonus and reactivity of the vegetative nervous system in schizophrenia during aminazine and serpasil treatment. R. F. Kokanbaeva. Med. zhur. Uzb. no. 3;50-54 Mr '60.
Effect of lydase on the activity of some hormonal preparations in schizophrenia [with summary in French]. A. L. Gamburg Zhur nevr. i psikh. 61 no. 11·1705-1709 '61.
Effect of nicotinic acid on the skin temperature of patients with various states of schizophrenia [with summary in French]. D. Kassai, V. Mate' Zhur. nevr. i psikh. 61 no. 11 1688-1693 '61.
Frontal lobe and the schizophrenic syndrome [with summary in English]. S. Brakha Zhur. nevr. i psikh 61 no 11;1694-1697 '61.
Hormonal disorders in asthenic and hypochondriac states in patients with schizophrenia and involutional diseases [with summary in French]. E. P. Ufereva. Zhur nevr. i psikh 61 no. 11;1710-1715 '61.
Pressure in the central artery of the retina in schizophrenia during treatment with insulin, aminazine and reserpine [with summary in French] K P Moskovchenko Zhur nevr i psikh 61 no 11 1699-1704 '61
Psychogenic inclusions in the clinical picture of remission in schizophrenia. N. M. Zharikov Probl sud psikh. 9;217-222 '61.
Remissions in schizophrenia after treatment with neuroleptic substances and supporting therapy [with summary in French]. G V. Zenevich. Zhur. nevr. i psikh 61 no. 11 1728-1734 '61
Some forms of terminal states in paranoid schizophrenia Report No. 1 [with summary in French]. V. N Favorina Zhur. nevr i psikh 61 no. 11 1716-1722 '61.
Study of changes in the bio-electric mosaic of the cerebral cortex in schizophrenics during treatment with acepromazine (plegicil) [with summary in French] F. A. Leibovich Zhur. nevr i psikh. 61 no 6 896-901 '61
Theory of the forms of schizophrenia Slowly developing schizophrenia [with summary in French]. D S Ozeretskovskii. Zhur. nevr. i psikh. 61 no 6,875-880 '61

SCHMIDT PENINSULA—DIKES (GEOLOGY)
Clastic dikes of the Schmidt Peninsula (northern Sakhalin) V. S. Koval'chuk. Trudy VNIGRI no. 161;176-179 '61

SCHOOL AND COMMUNITY see Community and school

SCHOOL EXCURSIONS see subdivision under Rudnya District

SCHOOL GARDENS
School flower garden. B. A. Bykov. Nach. shkola 30 no. 3;38-39 Mr '62.

SCHOOL HYGIENE
(see also subdivision under Alma-Ata; Andizhan)
Basic tasks of the nurse in the area of sanitary instruction in school. I. I. Mil'man. Med. sestra 20 no. 11 9-14 N '61
Effect of noise in school shops on the students' organism. E. A. Timokhina. Uch. zap. Mosk. nauch -issl. inst san. i gig. no. 7;101-109 '60.
Hygiene of students' self-help. TS Usishcheva. Sem'ia i shkola 17 no. 3,46-47 Mr '62
Possibility of mercury contamination of physics laboratories in high schools V. I Petrov, E. B. Turovskaia, M E. Obraztsova. Gig. truda i prof zab. no. 2 58 '62
Protecting the health of pupils in lower grades S. Shukhman. Nar asv. no 1;65-70 Ja '62.
Urgent tasks for school pediatricians in connection with the law on the further development of the system of popular education in the U. S. S. R. S. S Rakhmatullina. Med. zhur. Uzb no. 2·48-51 F '60.

SCHOOL LIBRARIES
Unification of children's and school libraries. L. Vaneeva. Bibliotekar' no. 3 30 Mr '62

SCHOOL LUNCHROOMS, CAFETERIAS, ETC.
Hundred thousand students are our patrons. L. Maloletkova. Obshchestv. pit no. 11,44-45 N '61.

SCHOOL MANAGEMENT AND ORGANIZATION
(see also subdivision under Lipetsk Province)
Akademiia pedagogicheskikh nauk RSFSR, Moscow. Institut teorii i istorii pedagogiki. [Manual on educational work in eight-year schools] Rukovodstvo uchebno-vospitatel'noi rabotoi v vos'miletnei shkole. Pod red. M. I. Kondakova i N. I. Sotserdotova. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1961. 357 p.

SCHOOL SUPERVISION
(see also subdivision under Cheboksarskiy District; Ivanovo Province; Omsk Province; Vilyandi; Voronezh)
"Guide for educational work in eight-year schools." Reviewed by I. Gubanov. Nar. obr. no. 2·113-115 F '62.
Let's make school supervision functional and professional Nar. obr. no. 2·1-6 F '62.
Methodological associations help kindergartens. M. N. Solov'eva, T. P. Kuklina, M. G. Poliakova. Doshk. vosp 35 no. 2;21-24 F '62.
Methodological work on language in schools for working youth. G. A. Chepurnyi. Ukr. mova v shkoli 12 no. 1; 45-49 Ja-F '62.

SCHOOLHOUSES
(see also subdivision under Alma-Ata; Sakhalin)
Clear the way for the rural school building. G. Verstin. Nar. obr. no. 3;36 Mr '62.
Color in the interior of school buildings. A. Marinchenko Stroi. i arkhit. 8 no. 12;6 D '61.
New stage in the designing of schools and children's institutions. Stroi. i arkhit. 8 no. 12;1-2 D '61.

SCHOOLHOUSES—CONGRESSES
Problems of the standard plans of schools and children's institutions. Stroi. i arkhit. 8 no. 12 36-38 D '61.

SCHOOLS—EXERCISES AND RECREATIONS
School festival. N. Khlebnikova, A. V. Popov, L. A. Magnitskaia. Nach. shkola 30 no. 2·76-77, 80-81 F '62.

SCHOOLS—FIRES AND FIRE PREVENTION
Let's eliminate carelessness. Nach. shkola 30 no. 3; 98 Mr '62.

SCHOOLS—FURNITURE, EQUIPMENT, ETC.
Device for hanging up diagrams and pictures. V. I. Kolesnikov. Nach shkola 30 no. 3;67 Mr '62

SCHOOLS, UKRAINIAN see subdivision under Regensburg

SCIATICA
Blocks in ischias and neuralgia of the femoral nerves. E. A. Fel'dman Sov. med 25 no 12 107-110 D '61

SCIATIC NERVE—TUMORS
Pathohistology of a neuroma of the sciatic nerve. B. G. Ganiev Med. zhur. Uzb no 12 63-65 D '61.

SCIENCE
(see also subdivision under Georgia)
Grandiose prospects for the development of science and technology N. P. Buslenko Vest protivovozd. obor. no. 10·20-24 O '61
"The major achievements of science" by A. E. E. McKenzie. Reviewed by Georg Norregaard. Mir nauki 5 no 4 34-35 '61.
News around the world. Tekh. mol. 30 no. 1·22-23 '62
News from the five continents. IUn. tekh. 6 no. 2;14-15 '62.
Relationship between the natural and social sciences B. Kedrov. Polit samoobr. 6 no. 2·54-64 F '62.
Science, progress and communism. O. Topchiev. Nauka i zhyttia 11 no. 1;2-5 Ja '62.
Some features of the development of present-day science. V I. Siforov. Vop. filos 16 no. 2 151-153 '62.
Speeches of scientists and decisions on organizational problems. Vest AN SSSR 32 no 3;19-23 Mr '62
Time slips by. A. Narkevich. Tekh. mol. 30 no. 1·19 '62.

SCIENCE—BIBLIOGRAPHY see Bibliography—Science

SCIENCE—CONGRESSES
Brief news Vest. AN SSSR 32 no. 2 90-98 F '62

SCIENCE—FILM CATALOGS
Russia (1923- U. S. S. R.) Upravlenie kinofikatsii i kinoprokata. [New scientific and technical films] Novye nauchno-tekhnicheskie fil'my. Moskva, "Reklamfil'm," 1960. 31 p.
[MICROFILM]

SCIENCE—INFORMATION SERVICES
Technical progress and the problems of scientific information. A. I Mikhailov. Vest. AN SSSR 32 no 2 29-34 F '62.

SCIENCE—JUVENILE LITERATURE
"I want to know everything." Reviewed by Lev Razgon. Nauka i zhizn' 28 no. 12;56-57 D '61.
"Six story riddles" by S. Labinov. Reviewed by O Averbukh. Znan.ta prirain no. 2;30 F '62.

SCIENCE—MISCELLANEA
Abroad. Nauka i zhizn' 28 no. 12;78-81 D '61.
Brief news. Vest AN SSSR 32 no. 2·67-69 F '62.
From the pages of foreign periodicals. Priroda 51 no. 2;120 F '62.
Riddle of "space strangers" awaits its solution. A. Kazantsev. Smena 30 no. 1;22-24 Ja '62.

SCIENCE—PHILOSOPHY
Goals of science in the service of life; A. study of nature A. I. Shvartsman. Pr 50-65 F '62
A historical docume mary in Engl
Principle of sy Izv. AN Arm.

SCIENCE—SOCI
Science and in no. 4;36-45 J

SCIENCE—SOCI
Twenty-second Mir nauki 5

SCIENCE—STUI
We know our c no. 2·77-78

SCIENCE—TRA
Scientific Tech of Technical bibliot no. 6
Work of transl Rusakovskii. 79-82 '60.

SCIENCE AND I

SCIENCE AND R

SCIENCE FICTION

Dream river. L. Cheshkova Vokrug sveta no. 2,61-64 F '62

Larin, S. I. [Literature of winged dreams] Literatura krylatoi mechty. Moskva, Izd-vo "Znanie," 1961. 46 p (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii Ser. 6, Literatura i iskusstvo, no 24)

SCIENTIFIC APPARATUS AND INSTRUMENTS

Electrostatic analyzer with a high aperture ratio receiving particles from the hemisphere. B. I. Savin Geomag. i aer. 1 no. 6 995-998 N-D '61

Use of electrostatic analyzers in studying the soft charged component of cosmic radiation V. V. Mel'nikov, L. A. Savenko, B. I. Savin Geomag. i aer. 1 no. 6 981-994 N-D '61.

SCIENTIFIC APPARATUS AND INSTRUMENTS—EXHIBITIONS

Exhibitions of foreign instruments for scientific investigations V. I. Rakhovskii Zav. lab. 28 no. 1 122-125 '62

SCIENTIFIC EXPEDITIONS see subdivision under Brazil

SCIENTIFIC LIBRARIES see subdivision under Kiev

SCIENTIFIC RECREATIONS

Electromagnetic diver. IU. Verkhalo. IUn tekh. 6 no. 1 80 Ja '62

SCLERA—TUBERCULOSIS

Tuberculoma of the stump of the sclera associated with focal meningoencephalitis N. S. Orlova. Kaz. med. zhur. no. 6 66-67 N-D '61

SCLERA—WOUNDS AND INJURIES

Rare case of recovery following an extensive crushed subconjunctival rupture of the sclera A. Kh. Khusanov, A. M. Mumanov Med. zhur. Uzb. no. 12 78-79 D '61

SCLERODERMA

Combined case of universal scleroderma with a combined mitral defect of the heart. A. M. Brodskaia Kaz. med. zhur. no. 6 54-55 N-D '61.

Successful treatment with vitamin D_2 of three patients with scleroderma. S. IU. Alibekov, Kh. M. Khalilov. Vest. derm. i ven. no. 2 69-71 '62.

Two cases of systemic scleroderma [with summary in English]. F. S. Drampian Terap. arkh. no. 12 101-106 '61

SCOOTERS, MOTOR see Motor scooters

SCORPION FISHES see subdivision under Atlantic Ocean

SCOTCH PINE see subdivision under Volgograd Province

SCRAP METALS

Arrangement for gathering and transportation of scrap metal A. Sadkov. Mor. flot 22 no. 3 37 Mr '62.

Using ore and scrap metal in converter process D. B. Martsinkovskii Metallurg 7 no. 3 13-16 Mr '62

SCRAPERS

Industrial test results of multibucket folding scrapers and prospects for using them. N. IA. Gunbin, V. S. Gorbatov, A. A. Makeev. Gor. zhur. no. 11 48-50 N '61.

SCREENING, MEDICAL see Medical screening

SCREENS—STANDARDS

Standardization of flat and radial screens. A. G. Feigin. Standartizatsiia 26 no. 2 25-26 F '62

SCREENS (MINING)

Industrial adaptation of a washing screen to limestones at the Elenovka plant. A. S. Sladkov. Gor. zhur. no. 11: 69-72 N '61.

SCREW CUTTING

Thread-rolling conditions and the strength of rolled taps. IU. G. Chicherin. Stan. i instr. 33 no. 1:29-30 Ja '62.

SCREW THREADS

Deineko, V. G. [New methods for continuous form rolling of screw threads and other profiles] Novye sposoby nepreryvnogo nakatyvaniia rez'b i drugikh profilei. Moskva, Mashgiz, 1961. 158 p.

Shinkevich, N. I., ed. [Manual on welded, threaded and riveted joints] Spravochnoe posobie po svarnym, rez'bovym i zaklepochnym soedineniiam. Minsk, Izd-vo M-va vysshego, srednego spetsial'nogo i professional'nogo obrazovaniia BSSR, 1961. 298 p.

SCREWDRIVERS

Movable screwdriver. E. Chernigovskii. Avt. transp. 40 no. 2:49-50 F '62.

SCROLLS, DEAD SEA see Dead Sea scrolls

SCULPTORS

The stormy petrel of Soviet sculpture D. Kolesnykova. Ukraina no. 3:20 F '62.

SCULPTORS, UKRAINIAN

An artist. Mykhailo Latyshev. Ukraina no. 4:20-21 F '62.

SCYPHOMEDUSAE

Naumov, D. V. [Scyphomedusae in the seas of the U. S. S. R.] Sistifoidnye meduzy morei SSSR. Moskva, Izd-vo Akad. nauk SSSR, 1961. 97 p. (Opredeliteli po faune SSSR, no. 75)

SCYTHIANS

Scythian burial with a La Tène sword in the middle Dnieper Valley A. V. Bodianskii Sov. arkheol. 6 no. 1: 272-276 '62.

SEA BASS see subdivision under Amur River, Soviet Far East

SEA BUCKTHORN see subdivision under Selenga Valley

SEA ICE

Investigation of empirical formulas of ice accretion. S. S. Lappo Okeanologiia 2 no. 1,59-66 '62.

SEA-PENS see subdivision under Pacific Ocean

SEA WATER

Intensity and spectral composition of the gamma radiation of sea water. V. N. Lavrenchik, G. N. Sofiev Izv. AN SSSR Ser. geofiz. no. 2 275-278 F '62

Salt exchange between the sea and dry land and the perennial dynamics of salts in soils. V. M. Borovskii. Izv. AN Kazakh. SSR Ser. bot. i pochv. no. 2 51-55 '61.

SEA WATER—ANALYSIS

Determination of nitrites, silicates, and phosphates in sea water by the use of the FEK-M photoelectric colorimeter on the research ship "M. Lomonosov." V. V. Sinlukov Trudy MGI 25 130-142 '62.

SEA WATER—COMPOSITION

(see also subdivision under Atlantic Ocean, Pacific Ocean)

Recent works on the chemistry of the sea. B. A. Skopintsev. Trudy MGI 25:92-109 '62.

SEA WATER—OPTICAL PROPERTIES

Relationship between the transparency of water and currents in the northeastern part of the Pacific Ocean [with summary in English] M. V. Kozlianinov, I. M. Ovchinnikov Trudy Inst. okean. 45 102-112 '61

SEA WATER—OXYGEN CONTENT see subdivision under Atlantic Ocean

SEALS (ANIMALS)

(see also subdivision under Upper Angara River)

Destiny of the Greenland seal (Pagophylus groenlandicus). A. V. IAblokov. Priroda 51 no. 2:86-72 F '62.

SEBACEOUS GLANDS—TUMORS

Adenoma of the sebaceous gland of the labium majus pudendi [with summary in English]. B. V. IAdvizhin. Vop. onk. 8 no. 2 77-79 '62.

SECONDARY EDUCATION see Education, Secondary

SECONDARY ELECTRON EMISSION

Angular distribution of secondary electrons for an effective emitter of MgO based on a CuAlMg alloy. V. A. Alekseev, V. L. Borisov. Fiz. tver. tela 4 no. 1:265-271 Ja '62.

Secondary electron emission from potassium and calcium. I. M. Bronshtein, IA. M. Shchuchinskii. Fiz. tver. tela 4 no. 2:552-553 F '62.

SECTS see subdivision under Kiev Province

SEDGES see subdivision under Asia, Central

SEDIMENTARY ROCKS see Rocks, Sedimentary

SEDIMENTATION ANALYSIS

Separation of coals into microcomponents by centrifugal separation. G. P. Alaev. Khim. i tekh. topl. i masel 7 no. 3:31-36 Mr '62.

SEDIMENTATION AND DEPOSITION

(see also subdivision under Black Sea; Pacific Ocean)

Analysis of gauge lines in estimating suspended sediments as dependent on the distribution of turbidity in the stream A. G. Trestmen Sbor. rab. po gidrol. no. 2: 166-173 '61.

Observations on sand transport along an accumulative shore with offshore shallows. N. A. Aibulatov. Trudy Inst. okean. 53:3-18 '61.

Role of organisms in the precipitation of carbonates from natural waters. O. A. Alekin, N. P. Morichova. Gidrokhim. mat. 34:95-106 '61.

Role of rip currents in sand transport in the coastal zone. N. A. Aibulatov, L. F. Shadrin. Trudy Inst. okean. 53: 19-28 '61.

Sedimentation in headwaters. I. A. Shneer. Izv. AN Uz. SSR, Ser. tekh. nauk 6 no. 1:63-74 '62.

Some data on sand transport along the shore near natural obstacles (capes, river branches). N. A. Aibulatov, L. F. Shadrin. Trudy Inst. okean. 53:29-36 '61.

SEDIMENTS (GEOLOGY) see subdivision under Caucasus, Northern; Kuban-Azov Lowland; Lovozero Tundras; Pacific Ocean; Russia, Northern; Russian Platform; Zaporozh'ye Province

SEDIMENTS (GEOLOGY)—ANALYSIS

Spectrochemical method for group determination of trace elements Ni, Co, Ag, Cu, V, Sn, Mo, Ti, Pb, Mn in bottom deposits and analogical materials. I. I. Klimov. Gidrokhim. mat. 34:131-137 '61

The technique for granulometric analysis of river sediments. D. IA. Rutkovich. Trudy Gidrometeorol. 273-285 '60.

SEED INDUSTRY—ACCOUNTING see subdivision under Kharkov Province

SEEDS

Dobrokhotov, V. N. [Weed seeds] Semena sornykh rastenii. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 413 p. illus

Moistening the seeds with radioactive mineral waters before planting. P. I. Zagrunyi Zemledelie 24 no. 5 66-68 Ja '62

X-ray method for studying the development of seeds of introduced woody plants. V. I. Nekrasov, L. V. Smirnova. Biul. Glav. bot. sada no. 43, 47-52 '61

SEEDS—CATALOGS

[List of seeds offered for exchange by the Botanical Garden of the Moldavian Branch of the Academy of Sciences of the U. S. S. R.] Spis. sem., predl. v obmen Ins. sadom Mold. fil. AN SSSR no. 8 '58, no. 9 '59; no 10 '60

SEEDS—DISINFECTION

Disinfectants of seeds not containing mercury. I. S. Mel'nikov and others. Khim. prom. no. 10:76 '61.

SEEPAGE

Calculation of filtration in earth dams with a discontinuous arrangement of drainage structures [with summary in English]. O. IA. Olimyk Dop. AN Ukr. SSR no. 1 '62

SEIGNETTOELECTRIC SUBSTANCES see Ferroelectric substances

SEISMIC PROSPECTING

(see also subdivision under Russian Platform)

Determination of some spectral characteristics of layered media. L. L. Khudzinskii Izv. AN SSSR Ser. geofiz. no. 3:281-297 Mr '62.

Distortion of the spectra of seismic pulses during their analysis V. G. Chistalinskii Izv. AN SSSR Ser. geofiz. no. 3:340-350 Mr '62.

Frequency characteristics of explosions during seismic sounding in a deep sea S. M. Zverev Izv. AN SSSR. Ser. geofiz. no. 3 359-367 Mr '62

Methods of mathematical statistics in velocity determination based on reflected wave hodographs. V. N. Zap. LGI 39 no. 2:7-19 '61.

Relationship between the amplitude of seismic oscillations and the size of the charge used. A. A. Ivanov LGI 39 no. 2:20-24 '61.

Seismomagnetic method of prospecting for deep ore bodies. O. A. Savadskii. Geol. i geofiz. no. 11 '61.

SEISMIC WAVES

Model studies of the relationship between the dynamic characteristics of longitudinal refracted waves and the thickness of the refracting medium. N. I. Izv. AN SSSR Ser. geofiz. no. 1 11-23 Ja '62

SEISMOLOGICAL RESEARCH see subdivision under Asia, Southeastern

SEISMOLOGY

(see also subdivision under Armenia)

Development of engineering seismology V. M. Aptikaeva. Vest. AN SSSR 32 no. 2,111 116 F '62

SEISMOLOGY—OBSERVATIONS

[Bulletin of the "Apatity" Seismic Station] Biul. seismicheskoi stantsii, "Apatity" no. 5 31-37 '58.

SEISMOMETERS

Frequency-phase distortions in a bound system [seismic] dynamic seismograph installed on the ground with a seismic amplifier input circuit recording" [with summary in English]. M. K. Polishkov. Geol. i geofiz. no. 11:108-114 '61.

Some characteristics of the equation of motion of the pendulum system of the USF seismograph. V. N. Filaktov. Izv. AN SSSR. Ser. geofiz. no. 2 199 '62.

SEISMOMETRY

Simple signator of strong earthquakes. G. R. Trudy Fiz.-tekh. inst. AN Turk. SSR 7:92-100 '62.

SELENGA VALLEY—BIRDS

Sea buckthorn as an ecological factor in the bird life of the Selenga region of Dauria. E. E. Pil'man. Materialy sbor. no. 6:94-96 '61.

SELENGA VALLEY—SEA BUCKTHORN

Sea buckthorn as an ecological factor in the bird life of the Selenga region of Dauria. E. E. Pil'man Materialy sbor. no. 6:94-96 '61.

SELENIOUS ACID

New methods for the preparation of esters and selenious acid ester halides. N. N. IArovenko, M. A. Raksha, G. B. Gazieva. Zhur. ob. khim 31 no 12;4006-4010 D '61

SELENIUM

Absorption and photoconductivity of activated films of amorphous selenium G.A. Andreeva. Fiz. tver. tela 4 no. 2 538-541 F '62

Coefficient of selenium distribution in the crystallization of tellurium. A.A. Kuliev, Sh. Movlanov. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 1 76-80 Ja-F '62.

Diffusion of selenium and mercury in solid and liquid tellurium. Sh. Movlanov, A.A. Kuliev. Fiz. tver. tela 4 no. 2 542-545 F '62.

Phase transformations in thin layers of Ni - Se G A Efendiev, I. V. Ivanova Dokl AN SSSR 143 no 1 95-96 Mr '62

Rectifying selenium elements suited to currents of higher density. I. Kh. Geller and others. Izv. AN Azerb SSR. Ser. fiz. -mat. i tekh. nauk no. 5;65-73 '61

Selenium and tellurium recovery from wastes of the sulfuric acid industry. P S. Kindiakov, V. V. Safonov. Izv vys. ucheb zav., tsvet. met 5 no. 1, 107-110 '62.

SELENIUM—ELECTRIC PROPERTIES

Effect of a sulfur admixture on the electric properties of selenium. G M. Aliev, Ch. M. Askerov, I G Kerimov Izv. AN Azerb. SSR Ser. fiz. -mat. i tekh. nauk no. 5, 45-49 '61.

SELENIUM—THERMAL PROPERTIES

Effect of a gallium admixture and temperature on the thermal conductivity of amorphous and crystalline selenium. B.D Aliev, G.M Aliev, I G. Kerimov Izv. AN Azerb SSR. Ser fiz. -mat i tekh. nauk no 5;39-43 '61.

SELENOPHENE

Chemistry of selenophene. Part 35. Chloromethylation of selenophene and its homologs. IU K. IUr'ev, N. K. Sadovaia, M. A. Gal'bershtam Zhur. ob. khim. 32 no. 1 259-263 Ja '62.

SELF-DEFENSE (LAW)

Effective protection of private persons and the problems of self-defense. M. I. IAkubovich. Sov. gos i pravo no. 2;96-103 F '57

SELF-GOVERNMENT (IN EDUCATION)

Self-government of students as an important educational method. V. Korotov and others. Nar. obr. no. 3 insert. 16 Mr '62.

SELIGER LAKE REGION—STONE AGE

Neolithic site of Shchepochnik; on the problem of the origin of the Valday Culture. N. N. Gurina. Krat. soob. Inst. arkheol. no. 82;150-157 '61.

SEMANTICS (PHILOSOPHY)

Mshvenieradze, V. V. [Philosophy of neopositivism and semantics] Filosofiia neopozitivizma i semantiki. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1961. 87 p.

Neopositivist gnoseology and the sign theory of language. L. O. Reznikov. Vop. filos. 16 no. 2;99-109 '62.

SEMANTICS, GENERAL see General semantics

SEMICARBAZONES

Oscillographic polarography of some semicarbazones and thiosemicarbazones G. K. Budnikov, IU. P. Kitaev, Zhur. ob. khim. 32 no. 2, 358-364 F '62

Tautomerism and geometrical isomerism of nitrogen-containing derivatives of carbonyl compounds. Report No. 6. Polarographic study of semicarbazones and thiosemicarbazones of some aliphatic and alicyclic ketones. IU. P. Kitaev, G. K. Budnikov, I. M. Skrebkova. Izv. AN SSSR Otd khim. nauk no 2 244-252 F '62

SEMICONDUCTORS

Calculation of the width of the forbidden zone ΔE in $A^{III}B^{V}$ type semiconductors. V.A. Presnov. Fiz. tver. tela 4 no. 2 546-549 F '62.

Characteristics of extrinsic photoconductivity of a semiconductor with several types of local levels in the forbidden zone. L. G. Paritskii. Fiz. tver. tela 4 no. 2 470-477 F '62.

Determination of semiconductor parameters by means of the photomagnetic effect compensated by photoconductivity. V. A. Petrusevich. Fiz. tver. tela 4 no. 2 461-464 F '62.

Isoelectronic series of semiconductor compounds. L. S. Palatnik, V. M. Koshkin, IU. F. Komnik. Kristallografiia 7 no. 1, 124-125 Ja-F '62.

New semiconductor compounds. D. N. Nasledov. Vest. AN SSSR 32 no. 3;87-89 Mr '62.

Photoluminescence of heavy metal halides and semiconductor crystals. M. U. Belyi, I. S. Gorban', A. A. Shishlovskii. Izv. AN SSSR. Ser. fiz. 26 no. 1 103-112 Ja '62.

Physical properties of ternary semiconductor compounds. V. B. Antonov, R. Kh. Nani, IA. N. Nasirov. Izv. AN Azerb. SSR. Ser. fiz. -mat. i tekh. nauk no. 5;75-78 '61.

Possibility of superconductivity in semiconductors. V. L. Gurevich, A. I. Larkin, IU. A. Firsov. Fiz. tver. tela 4 no. 1;185-190 Ja '62.

Semiconductor as heater. A. Eterman. Mest. prom. i khud. promys. 3 no. 1;28-29 Ja '62.

Semiconductor properties of vanadium and niobium pentoxides in solid and liquid states A. I. Manakov, O. A. Esin, B. M. Lepinskikh. Dokl AN SSSR 142 no 5: 1124-1127 F '62

Shalimova, K. V., ed. [Specialized guide to semiconductors and semiconductor devices] Spetsial'nyi praktikum po poluprovodnikam i poluprovodnikovym priboram. Moskva, Gos. energ. izd-vo, 1962. 303 p.

Shielding of the Coulomb potential in nondegenerated semiconductors. V. B. Glasko, A. G. Mironov. Fiz. tver. tela 4 no 2 336-342 F '62.

Sominskii, M. S. [Semiconductors] Poluprovodniki. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 414 p.

Synthesis of semiconductor compounds with volatile components. S N Gad. hiev, IU B Nadzhafov, K. A Shariifov. Izv AN Azerb. SSR Ser. fiz -mat i tekh nauk no 5, 51-54 '61.

Theory of "cascade" recombination of current carriers in homopolar semiconductors. V. L. Bonch-Bruevich, V. B. Glasko Fiz tver. tela 4 no. 2 510-523 F '62.

Theory of the entrainment of electrons by phonons in rhombohedral semiconductors. V L. Gurevich, IU. A Firsov. Fiz. tver tela 4 no. 2 530-537 F '62.

SEMICONDUCTORS—MAGNETIC PROPERTIES

Galvanomagnetic phenomena in semiconductors in anisotropic electron scattering I IA Korenblit Fiz tver. tela 4 no. 1;166-176 Ja '62.

Low-mobility antiferromagnetic semiconductors. E. L. Nagaev. Fiz. tver tela 4 no. 2 413-423 F '62.

SEMICONDUCTORS—SPECTRA

Energy structure of compound semiconductors, spectrum of the valence band of SnS type anisotropic compounds. F. M. Gashimzade, V. E Khartsiev. Fiz. tver. tela 4 no. 2 434-442 F '62

SEMIPALATINSK—DERMATOVENEREOLOGICAL SOCIETIES

Work of the Dermatovenerological Society at Semipalatinsk in 1960 R. Kh Abdusametov. Zdrav. Kazakh. 21 no. 6, 77-78 '61.

SEMIPALATINSK—LIVER FLUKE

Occurrence of opisthorchosis among the population of Semipalatinsk A. M. Rakhmanova. Zdrav. Kazakh 21 no 6;63-65 '61

SEMIPALATINSK PROVINCE—DERMATOMYCOSIS

Treatment of dermatomycosis in Semipalatinsk Province F. D. Abdykhalykova, IA. N. Katsman Zdrav. Kazakh 21 no. 5;9-10 '61

SEMIPALATINSK PROVINCE—LAND

Natural zones, belts, and regions in Semipalatinsk Province. A A Sokolov, M K Kolkhodzhaev, N I Kotin. Izv. AN Kazakh. SSR Ser bot. i pochv no. 2: 16-20 '61

SENSES AND SENSATION

Method for studying tonic reflexes during the stimulation of different sensory organs in man. G. M. Margolin Fiziol. zhur. 48 no. 1;95-97 Ja '62

SENSES AND SENSATION—CONGRESSES

Conference on problems in the physiology of analysors (sense organs). V. D. Glezer, E. A. Radionova. Fiziol. zhur. 48 no. 1;108-111 Ja '62

SENSITOMETRY, PHOTOGRAPHIC see Photographic sensitometry

SEPARATORS (MACHINES)

Design and structural parts of pistonless jigging machines for coal preparation. I. F. Pakhalok. Obog. i brik. ugl. no. 17;26-31 '61.

Hydrocyclone is a Soviet invention A. I. Zhangarin. Gor. zhur. no 11 72-73 N '61.

Industrial testing of magnetic separators with counterflow and semicounterflow tanks. V. I Karmazin and others Gor. zhur. no 11, 63-65 N '61.

Industrial tests of the SVS-25 classifier with coal preparation in a "fluidized" bed. A. F. Shornikova, B. S. Kurdinev. Ugol' 37 no 2, 37-40 F '62.

Powerful miniature hydrocyclone. V. Barskii. IUn. tekh. 6 no. 2;27-30 '62.

Study of pressure distribution inside a hydrocyclone. K. I Mangushev Izv. vys. ucheb. zav., neft' i gaz 4 no. 5;53-58 '61

SEPARATORS (MACHINES)—ATTACHMENTS see subdivision under United States

SEPULCHRAL MONUMENTS see subdivision under Kuban Valley; Kunya-Urgench; Samarkand

SEQUENCES (MATHEMATICS)

General theory of the multiplication of random variables. V. M. Zolotarev. Dokl AN SSSR 142 no. 4;780-781 F '62

Growth of functions on a sequence of points in a ray. V. P. Gromov. Izv. AN Arm. SSR. Ser fiz -mat. nauk 15 no. 1;37-51 '62.

Interpolation problem. M. A. Evgrafov. Izv. AN SSSR. Ser mat. 26 no. 1 79-86 Ja-F '62.

Local theorem for densities. S. Kh. Sirazhdinov, M. Mamatov. Dokl. AN SSSR 142 no. 5;1036-1037 F '62.

Prime numbers in sequences of norms of ideals [with summary in English]. E. Fogels. Izv AN Latv SSR no. 12 29-31 '61.

Ritz's method in nonlinear problems. S. G Mikhlin Dokl AN SSSR 142 no 4 792-793 F '62

Theory of boundary value problems with conditions at the boundary containing certain parameters V. I Kondrashov. Dokl AN SSSR 142 no 6 1243-1246 F '62.

SERAFIMOVICH, A. S., pseud. see Popov, Aleksandr Serafimovich, 1863-1949

SERFDOM

A French periodical discusses the problem of rent in Russia in the late feudal period V. A. Fedorov. Vop ist. no 3 192-194 Mr '62.

SERGEEV, FEDOR ANDREEVICH, 1883-1921

V. I. Lenin and Artem (F. A. Sergeev). V I. Tuvatev. Pratsi Od. un. 150. Ser. susp. nauk no. 3;191-198 '60

SERGUNENKOV, BORIS

"Forest rangers", a tale by B Sergunenkov Reviewed by A. Danchich Neva no. 10, 205-209 '61.

SERICULTURE—HEATING AND VENTILATION

Temperature and humidity control in silkworm houses. M. Besednov. Tekh. v sel'khoz. 22 no 2;83-85 F '62

SERIES

Wiener type theorem for series in Walsh functions G. N. Agaev. Dokl AN SSSR 142 no 4 751-753 F '62

SERINE

Studying biochemical transformations of phosphoryl serine in the brain [in Georgian with summaries in English and Russian]. L. K. Tkeshelashvili, P A. Kometiani. Trudy Inst fiziol. AN Gruz. SSR 12;163-173 '61.

SERNO-SOLOV'EVICH, NIKOLAI ALEKSANDROVICH, 1834-1866

Bogatov, V. V. [Sociological views of N. Serno-Solov'evich] Sotsiologicheskie vzgliady N. Serno-Solov'evicha. [Moskva] Izd-vo Mosk univ , 1961. 41 p

SERPASIL

Dynamics of the tonus and reactivity of the vegetative nervous system in schizophrenia during aminazine and serpasil treatment. R F Kokanbaeva. Med zhur. Uzb. no 3 50-54 Mr '60.

SERPENTS IN ART

Serpentine compositions on early Russian amulets with snake images. G K. Vagner. Kratk. soob. Inst. arkheol. no. 85 26-30 '61.

SERUM

Biochemistry of the thermolabile factor of normal sera activating immune anti-influenza sera [with summary in English]. R. IA. Polink, A. A. IAbrov Vop. virus. 6 no. 6 678-684 N-D '61.

Comparative study of the methods for purifying immune antineoplastic sera [with summary in English] V N. Stepina. Vop. onk 8 no. 2 12-15 '62

Concentration of vitamin B_{12} and iron in blood serum in diseases of the liver U I IUldashev. Med zhur. Uzb no. 3 10-12 Mr '60

Durability of antidotal properties of liquid and dried "antigiurza" serum. F. N Pavlovskii and others. Dokl AN SSSR 142 no. 6, 1428-1431 F '62

Dynamics of hyaluronidase distribution in a tumor-affected organism under the action of antitumor serum. L. S. Birinkova. Vrach. delo no. 1;153-154 Ja '62.

Electrophoretic study of protein and lipid fractions of blood serum in chronic nonspecific pneumonia. V. N. Saperov. Kaz. med. zhur no. 4;26-31 Jl-Ag '61

Influence of anaphylactic shock on precipitin formation [with summary in English]. V. A. Frolov. Zhur. mikrobiol., epid. i immun. 32 no. 9, 69-74 S '61.

SERUM DIAGNOSIS

Bacteriological diagnosis of diphtheria by means of serum tampons. M N Pekshcva. Med zhur. Uzb. no. 3;64-67 Mr '60.

Erythropoietins of plasma and serum in internal diseases [with summary in English]. A IA. IAroshevskii. Terap arkh. no. 12 3-7 '61.

Ovchinnikov, N. M. [New serological reactions to syphilis] Novye serologicheskie reaktsii na sifilis. Moskva, Medgiz, 1961. 182 p. (DNLM)

SERUM THERAPY

Use of cardiolipin antigen in the serodiagnosis of syphilis. S. G. Alieva, L. P. Kotova. Med. zhur. Uzb. no. 9;29-30 S '61.

SERVICE INDUSTRIES

(see also subdivision under Belgorod Province, Czechoslovakia; Ivanovo Province, Kharkov; Kurgan Province, Novgorod; Sochi; Stavropol Territory; Voronezh)

Some problems of computing and distributing service networks [with summary in English, p. 73]. G. I. Frumin. Visnyk ABIA URSR no. 4;7-9 '61.

SERVICE STATIONS—EQUIPMENT AND SUPPLIES

Remote control of model 395-"I fuel pumps A. K. Rist, Z. I. Fonarev. Neft. khoz. 40 no. 1:56-58 Ja '62

SERVOMECHANISMS
(see also subdivision under Cheboksary)

Determining the consumption ratio and hydrodynamic force on valves of hydraulic servomechanisms. IU. E. Zakharov, V. N. Baranov, IA. Shomlo. Stan. i instr. 33 no. 3:16-21 Mr '62

Forced vibrations of a hydraulic piston servo actuator without feedback. IU. I. Zakharov, V. N. Baranov. [Trudy] MVTU no. 104:67-77 '61.

Investigating the stability of the steady motion of a loaded servomechanism with feedback considering the compressibility of oil. G. N. Kniazev. [Trudy] MVTU no. 104:91-100 '61.

Use of phasor diagrams in the analysis of networks with electric transformer machinery. V. A. Atsiukovskii. Elektrichestvo no. 2:61-63 F '62.

SEVAN LAKE REGION—MINERALS

Minerals genetically associated with the ultrabasic (magnesia - silicate) rocks of the northeastern shores of Lake Sevan. G. Pilotan. Prom. Arm. 4 no. 12:8-13 D '61.

SEVASTOPOL—SIEGE, 1854-1855

Nakhimov's ring. K. Grishchinskii. Neva no. 8:222 '61.

SEVASTOPOL, BATTLE OF, 1944

In the battles for Sevastopol. I. Strel'bitskii. Voen.-ist. zhur. 3 no. 12:67-78 D '61.

Where battles thundered. I. Savel'ev. Voen. znan. 38 no. 2:19-20 F '62.

SEVENTH-DAY ADVENTISTS see subdivision under Kherson Province

SEVERI, FRANCESCO, 1879-1961

In memory of Francesco Severi. Vest. AN SSSR 32 no. 2:99-100 F '62.

SEVERNAYA DVINA see Northern Dvina River

SEVEROURAL'SK REGION—BAUXITE

Severouralsk bauxite mines. I. V. Eliseev. Gor. zhur. no. 10:14-15 O '61.

SEWAGE—PURIFICATION
(see also subdivision under Erivan)

Effect of preaeration on the purification of sewage waters in leather plants. I. A. Abramovich. Izv. vys. ucheb. zav., tekh. leg. prom. no. 1:66-75 '62.

Flotation purification of sewage from petroleum products. I. I. Karavaev, N. F. Reznik. Vod. i san. tekh. no. 3:29-31 F '62.

Kul'skyi, L. A., and O. M. Kohanovs'kyi. [New methods for the purification of waste waters from chemical plants] Metody ochyshchennia stichnykh vod khimichnoi promyslovosti. Kyiv, 1961. 44 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 6, no. 19)

Maksimovskii, N. S. [Purification of waste waters] Ochistka stochnykh vod. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1961. 351 p.

New design for the walls of biofilters in purification structures. K. Antoniuk, A. Titov. Sel'. stroi. 16 no. 12:17-18 D '61.

SEWAGE DISPOSAL
(see also subdivision under Dnepropetrovsk)

Sewage from a viscose plant. A. I. Matsnev. Trudy NPI 14:19-29 '61.

SEWER PIPE see subdivision under Dorogina

SEWERAGE

TSvetkov, A. L., and IU. D. Shutov. [Construction of sewer conduits by shield tunneling, construction practices in Leningrad] Sooruzhenie kanalizatsionnykh kollektorov metodom shchitovoi prokhodki, opyt stroitel'stva v Leningrade. Leningrad, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 97 p.

SEWING MACHINES

Determining the deflections of the sewing machine head. B. A. Zaitsev. Izv. vys. ucheb. zav. tekh. leg. prom. no. 1:104-112 '62.

SEWING MACHINES—TESTING

Methods of studying the characteristics of the load on sewing machine needles. B. I. Damaskin, L. N. Stepnov. Nauch. trudy MTILP no. 18:124-131 '60.

SEX (BIOLOGY)

Is it possible to regulate the sex of animals. O. Volodymyrs'ka. Nauka i zhyttia 11 no. 12:35-37 D '61.

SEYMOUR ISLAND, ANTARCTICA—POLLEN, FOSSIL

"Fossil pollen from Seymour Island, Antarctica" by Lucy M. Cranwell (from "Nature", v. 184, no. 4701, 1959). Bot. zhur. 46 no. 11:1722-1723 N '61.

SHABAD, LEON MANUSOVICH, 1902-

Leon Manusovich Shabad; on the 60th anniversary of his birth. Vop. onk. 8 no. 1:124-125 '62.

SHADRINSK DISTRICT—CRIME PREVENTION

The role of attorneys at law in the prevention of criminal offenses. L. Bobrov, I. Gershingorin. Sov. iust. no. 3:18-19 F '62.

SHAFT SINKING

Effect of the technical and economic indices on the selection of the optimum depth of boreholes. N. I. Ivanov. Ugol' Ukr. 5 no. 1:15-17 Ja '62.

Explosion in the miner. A. Osipov. IUn. tekh. 6 no. 2:32 '62.

Using length-taping devices for depth measurement in shaft sinking. G. S. Pinkovskii. Shakht. stroi. 6 no. 2:18-23 F '62.

Workerless sinking of shafts. N. N. Ershov, L. G. Podollago. Vest. ANSSSR 32 no. 3:37-39 Mr '62.

SHAFT SINKING—HYGIENIC ASPECTS

Effect of noise on workers engaged in vertical shaft sinking. M. A. Krapotkina. Uch. zap. Mosk. nauch.-issl. inst. san. i gig. no. 7:82-85 '60.

SHAFTING
(see also subdivision under South Kazakhstan Province)

Bellaev, G. S., and P. I. Tabachnikov. [Technological processes in the manufacture of shafts] Tekhnologiia proizvodstva valov. Moskva, Mashgiz, 1961. 250 p.

Ladyzhenskii, E. B. [Fitting marine shaftings by the photography of a ray of light] Montazh sudovykh valoprovodov s pomoshch'iu fotografirovaniia svetovogo luchа. Moskva, Izd-vo "Morskoi transport," 1961. 84 p. (Biblioteka po obmenu opytom na morskom transporte)

Multichannel unit for recording the angular velocity of shafts. B. Z. Votlokhin. Izm. tekh. no. 3:20-22 Mr '62.

SHAFTING—MEASUREMENT

Device for measuring the torque and actual power on a rotating shaft. S. V. Khachiian. Izv. vys. ucheb. zav., neft' i gaz 4 no. 5:123-128 '61.

SHAFTING—VIBRATION

Determining the frequency of self-oscillations of the weighted shaft with a uniform cross section supported at the ends and loaded with two disks. A. K. Koshevoi. Energomashinostroenie 8 no. 2:32-33 F '62.

SHALE see subdivision under Estonia; Novosibirsk Province

SHALIAPIN, FEDOR IVANOVICH, 1873-1938

Shaliapin, F. I. [Pages from my life] Stranitsy iz moei zhizni. [Perm'] Permskoe knizhnoe izd-vo, 1961. 238 p.

SHALYA DISTRICT—COMMUNITY LIFE

Thank you, Kolia! B. Sashin. Kul't.-pros. rab. 23 no. 2:22 F '62.

SHAMKHOR VALLEY—FLUORITE

Fluorite occurrences in the basin of the Shamkhorchay River. A. A. Alizade. Dokl. AN Azerb. SSR 17 no. 12:1153-1157 '61.

SHAMLUG—ORE DRESSING

Overall utilization of ores of the Shamlug deposit. S. Akmaeva, S. Petrosian. Prom. Arm. 5 no. 2:49-51 F '62.

SHAPED CHARGES

Effect of the shape of the charge on rock breaking and the extent of working of the base of a bench. L. N. Marchenko, V. S. Kudriashov. Vzryv. delo no. 47/4:89-93 '61.

SHASHKEVYCH, MARKIIAN, 1811-1843

In memory of Markiian Shashkevych. V. H. Latans'kyi. Rad. lit. 6 no. 2:152-153 Mr-Ap '62.

SHAUKAT BUKHARI, MUKHAMMED ISKHAK

Brief news. Obshchestv. nauki v Uz. no. 2:67-69 '61.

SHCHEPANIK, IAN, 1872-1926

IAn Shchepanyk, an outstanding Polish inventor. V. V. Evsevyts'kyi. Nar. z ist. tekh. no. 7:116-127 '61.

SHCHERBAKOV, IVAN ALEKSEEVICH

I have devoted thirty-five years to my beloved work. G. N. Tret'iakov. Energetik 10 no. 2:30-31 F '62.

SHEBELINKA REGION—GAS, NATURAL

How the Communist Party of the Ukraine helped to develop the Shebelinka gas field, 1956-1961. I. P. Shkumat. Ukr. ist. zhur. 6 no. 2:46-53 Mr-Ap '62.

SHEEP see subdivision under Turkmenistan

SHEEP—DISEASES AND PESTS
(see also subdivision under Moldavia)

Effect of some trace elements on the metabolism in sheep ill with pneumonia. E. F. Dymko. Vest. sel'khoz. nauki [Kazakh.] 4 no. 11:28-38 N '61.

Trilenko, P. A. [Vibriosis in cattle and sheep] Vibrioz krupnogo rabotogo skota i ovets. Leningrad, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 246 p. (DA)

SHEET-METAL WORK

Design and calculation of equipment for the explosion piercing of holes. V. G. Kononenko, K. I. Zaitsev. Kuz.-shtam. proizv. 4 no. 2:20-25 F '62.

Explosion stamping. O. Antonenkov, V. Dubinin. Tekh. mol. 30 no. 1:36-37 '62.

"Handbook on the manufacture of sheet metal working dies" by V. M. Anikin, IU. S. Lukashin. Reviewed by N. V. Potekushin and others. Kuz.-shtam. proizv. 4 no. 2:45-47 F '62.

Krasil'nikov, IA. I. [Efficient layout of metals] Ratsional'nyi raskroi metalla. Pod red. A. V. Kovalenko. Moskva, Mashgiz, 1961. 44 p. (Biblioteka mashinostroitelia. Serila "Za ekonomiiu metalla i elektroenergii")

Multiple cold stamping. V. M. Shupik, V. P. Ivashchenko. Mashinostroenie no. 1:17-23 Ja-F '62.

Potekushin, N. V. [Economy of sheet metal] Ekonomiia listovogo metalla. Pod red. A. V. Kovalenko. Moskva, Mashgiz, 1961. 28 p. (Biblioteka mashinostroitelia. Serila "Za ekonomiiu metallov i elektroenergii")

SHEET-METAL-WORKING MACHINERY

Meshcherin, V. T., and D. V. Charnko. [Technology of manufacturing forging and sheet metal working equipment] Tekhnologiia proizvodstva kuznechno shtampovochnogo oborudovaniia i shtampovoi osnastki. Moskva, Mashgiz, 1961. 375 p.

Suspension arrangement for stamping and assembly jig dies. M. F. Emel'ianov. Kuz.-shtam. proizv. 4 no. 2:37-40 F '62.

Equipment for high speed die stamping [from foreign publications]. IU. P. Sogrishin, O. V. Prokopenko. Kuz.-shtam. proizv. 4 no. 2:25-27 F '62.

SHEET-METAL WORKING MACHINERY—ATTACHMENTS

Automatic, instant-action ejector device. M. F. Emel'ianov. Kuz.-shtam. proizv. 4 no. 3:42-44 Mr '62.

SHEET-METAL-WORKING MACHINERY—BIBLIOGRAPHY
see Bibliography—Sheet-metal-working machinery

SHEET STEEL
(see also subdivision under Great Britain)

Punching small holes in stainless and acid-proof steel sheets. A. P. Cherkasov. Khim. mash. no. 6:10-12 '61.

SHEET STEEL—HEAT TREATMENT

Heat treatment of cold-rolled sheet steel. B. G. Livshits, B. K. Borzdi, V. E. Ol'shanetskii. Stal' 22 no. 2:161-165 F '62.

SHEET STEEL—WELDING

Automatic pulsation-arc welding of thin-sheet steel in an argon atmosphere. A. V. Petrov, G. A. Slavin. Svar. proizv. no. 2:18-21 F '62.

Welding of thin-sheet Kh18N2AG5 steel. N. I. Kashirovskii, V. G. Fartushnyi, Z. V. Ilishkevich. Avtom. svar. 15 no. 3:27-31 Mr '62.

SHELGUNOV, NIKOLAI VASIL'EVICH, 1824-1891

N. V. Shelgunov on journalism. B. I. Enin. Vest. Mosk. un. Ser. 7: Filol., zhur. 17 no. 1:75-82 Ja-F '62.

SHELL MOLDING (FOUNDING)

Making steel castings in shell molds. I. P. Ivanskii. Lit. proizv. no. 2:39-40 F '62.

Over-all mechanization and automatization of foundries specialized in shell molding. K. L. Shcherbakov. Lit. proizv. no. 2:17-19 F '62.

Russia (1917- R. S. F. S. R.) Moskovskii gorodskoi ekonomicheskii raion. Sovet narodnogo khoziaistva. [Substitute for "pul'verbakelita" in casting in shell molds] Zamenitel' pul'verbakelita dlia lit'ia v obolochkovye formy. Moskva, TSentr. biuro tekh. informatsii, 1959. 29 p.

[MICROFILM]

SHELL ROOFS see Roofs, Shell

SHELVING (FOR BOOKS)

Give more thought to the problem of the arrangement of the book collection. Z. Ambartsumian. Bibliotekar' no. 3:41-45 Mr '62.

SHEMAKHA—THUNDERSTORMS

Some devices used in a field laboratory for the study of thunderstorms near Shemakha during the 1960 thunderstorm season. A. S. Ali-Zade, O. A. El'dinov. Izv. AN Azerb. SSR, Ser. fiz.-mat. i tekh. nauk no. 5:139-147 '61.

SHEMAKHA DISTRICT—ANTIQUITIES

Accidental finds in Shemakha District (in Azerbaijani with summary in Russian). A. B. Nurlev. Dokl. AN Azerb. SSR 17 no. 11:1111-1114 '61.

Archaeological excavations at the ancient site of Khyrysly, a monument of ancient Caucasian Albania. D. A. Khalilov. Sov. arkheol. 3 no. 1:209-220 '62.

SHEN, YEN-PING, 1896-

Sorokin, V. F. [Creative path of Mao Dun'] Tvorcheskii put' Mao Duna. Moskva, Izd-vo vostochnoi lit-ry, 1962. 181 p.

ENKO, TARAS, 1814-1861
nauk URSR, Kiev. Instytut literaturoznavstva. [Description of T. H. Shevchenko's manuscripts] Opys rukopysiv T. H. Shevchenka. Kyiv, Vyd-vo Akad. nauk ..., 1961. 550 p.

kov, N. F. [Taras Shevchenko; a critico-biographic sketch] Taras Shevchenko, kritiko-biograficheskii ocherk. Moskva, Gos. izd-vo khudozh. lit-ry, 1961. 221 p.

for millions, on the history of the publication of henko's "Kobzar." I. P. Kyrylyuk. Rad. lit., 6 83-94. Mr-Ap '62.

and conjecture. A. I. Kostenko. Rad. lit., 6, no. 2 50. Mr-Ap '62.

ion and the word of Shevchenko" by P. S. Shabliovskii. Reviewed by I. IA. Aizenshtok. Rad. lit., 6, no. 2 ...0. Mr-Ap '62.

evchenko is always with us. M. Matsapura and ... Ukraina, no. 5, 18-19. Mr '62.

enko and the peoples of Russia. V. P. Shubravskii. Rad. lit., 6, no. 2, 95-106. Mr-Ap '62.

...an autograph of T. H. Shevchenko. V. S. Borodin. ...it., 6, no. 2, 106. Mr-Ap '62.

ENKO, TARAS, 1814-1861—PORTRAITS
rait of Shevchenko. Ukraina, no. 5, 16b-16c. Mr.

ENKO IN LITERATURE AND ART
chenko in Ukrainian legends. Pavlo Hontarenko. ...ina, no. 3, 10-11. F '62.

NG (RADIATION)
N. G., and others. [Shielding against radiation ... extended sources] Zashchita ot izlucheniia protyazhnykh istochnikov. Moskva, Gos. izd-vo lit-ry ...asli atomnoi nauki i tekhniki, 1961. 207 p.

s of shielding. O. I. Leipunskii. Atom. energ., 3, 216-220. Mr '62.

LA
in the activity of some oxidation-reduction ...nes in Flexner's dysenteral bacteria during the ...s of adaptation to levomycetin [with summary in ...sh]. M. N. Plotnikova. Antibiotiki, 7, no. 2, 154-... '62.

ce of acquired resistance to antibiotics on the vi... of dysenteral bacteria. V. S. Chernovatyi. Zdrav... ch., 21, no. 10, 57-59. '61.

ged observation of mice infected with different ...bes of the intestinal group. A. Z. Ter-Karapetian. ...iol., 8, no. 2, 43-45. F '62.

LA PARADYSENTERIAE
of levomycetin on the respiration, pyruvic dehy... nase and lactic acid in dysenteric bacteria [with ...ary in English]. E. D. Moliuk. Antibiotiki, 6, ...1117-1120. D '61.

ral changes in Flexner's dysentrial bacteria under ...fluence of streptomycin [with summary in English]. ... Khvoles. Zhur. mikrobiol., epid. i immun., 32, ...130-133. S '61.

DELS
tional models for all-round sea contests. V. Sima... Voen. znan., 38, no. 2, 35. F '62.

opes in ship models. N. T. Selovai'nikov. Voen. ..., 38, no. 2, 34. F '62.

al procedures for processing records of the rolling ...dels. V. K. Glotov, Zhen' Ke, [Jen K'o]. Trudy ...no. 31, 5-9. '60.

OPULSION
which can maneuver in a labyrinth. G. Smirnov. ...ekh., 6, no. 1, 67-70. Ja '62.

JLROADS
ips will roll on dry land. . . S. Gushchev. Tekh. ... 30, no. 1, 8-9. '62.

GISTERS
tructions in the revision of rules of the U. S. S. R. ...ter (Hulls) for the classification and building of ...ing steel ships. A. Maksimadzhi. Mor. flot, 22, ...32-33. Mr '62.

SISTANCE
mental investigation of water resistance during ...olling of tugboats. L. G. Lysenko. Trudy LIVT, ...31-34. '60.

IALS
sive and maneuverable qualities of the motorship ...ural'sk." M. A. Grechin. Inform. sbor. TSNIIMF. ... Tekh. ekspl. mor. flota, no. 5, 79-92. '60

LDING
also subdivision under Kiev)
ev, V. M., and N. F. Frolov. [Technology of shipbuilding and ship repairs] Tekhnologiia sudostroeniia i ...emonta. Leningrad, Gos. soiuznoe izd-vo sudo... promyshl., 1961. 435 p.
r more precise the method of constructing a graph ...assembling the hull and installing the pipes of a ship ...un-kan [Liu Yung-k'ang]. Trudy LKI, no. 31, 21-30.

Pototskii, S. G. [Some problems in the economics of shipbuilding] Nekotorye voprosy ekonomiki sudostroeniia. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1961. 194 p.
Study of the relation of the time required to assemble and weld a hull to the number of sections, and to construction variant (for boats). P. I. Nikitin. Trudy LKI, no. 31, 50. '60.

SHIPBUILDING—TECHNOLOGICAL INNOVATIONS
Technological progress as the most important condition for increasing labor productivity in the shipbuilding industry. G. G. Dobrokhotov. Trudy LKI, no. 42, 5-11. '60.

SHIPPING
Ladyzhenskii, E. B. [Fitting marine shaftings by the photography of a ray of light] Montazh sudovykh valoprovodov s pomoshch'iu fotografirovaniia svetovogo lucha. Moskva, Izd-vo "Morskoi transport," 1961. 84 p. (Biblioteka po obmenu opytom na morskom transporte)
Tronkunov, P. I., [Cutter and press-worker] Rezchik-pressovshchik, 2, perer. i dopl. izd. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1961. 146 p.

SHIPS—DISPLACEMENT. See Displacement (Ships)

SHIPS—HEATING AND VENTILATION
Some data concerning experimental determination of the aerodynamic resistance of stacks of barrels. I. V. Fitvid. Trudy LKI, no. 41, 117-121. '60.

SHIPS—HYDRODYNAMIC IMPACT
Determination of wave bending moment. D. M. Rostovtsev. Trudy LKI, no. 39, 45-56. '60.

SHIPS—HYDRODYNAMICS
Basin, A. M., and V. N. Anfimov. [Ship hydrodynamics; ship resistance, propellers, maneuverability, and rolling] Gidrodinamika sudna, soprotivlenie vody, dvizhiteli, upravliaemost' i kachka. Leningrad, Izd-vo "Rechnoi transport," 1961. 684 p.

SHIPS—MAINTENANCE AND REPAIR
By means of a new adjustable clamp. I. Gogulia. Starshii serzh., no. 11, 31. Oct '61.
Electric slag welding in ship repairs. A. T. Abramov. Sviat. proiav., no. 3, 30-33. Mr '62.
Elin, I. A., N. V. Zhur, and I. A. Sheklin. [Laminated and decorative materials made of wood, their properties and use in ship repairing] Plastiki i dekorativnye materialy iz drevesiny, ikh svoistva i primenenie v sudoremonte. Pod obshchei red. N. V. Zhura. Leningrad, Izd-vo "Morskoi transport," 1961. 141 p.
Exchange of experience among ship repairmen. Mor. flot, 22, no. 3, 36. Mr '62.
Kravchik, F. I. [Planning and organization of the repair of ships] Planirovanie i organizatsiia remonta sudov. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1961. 158 p.
Leont'ev, V. M., and N. F. Frolov. [Technology of shipbuilding and ship repairs] Tekhnologiia sudostroeniia i sudoremonta. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1961. 435 p.
Lesovikov, E. A. [The court is in session; everybody rise!] Sud idet - proshu vstat'! [Odessa] Odesskoe knizhnoe izd-vo, 1961. 30 p.
Russia (1917- R. S. F. S. R.) Ministerstvo rechnogo flota. [Regulations for the technical operation of the R. S. F. S. R. river transportation fleet, January 29, 1960] Pravila tekhnicheskoi ekspluatatsii rechnogo transporta RSFSR. Vvedeny v deistvie prikazom ministra rechnogo flota No. 12 ot 29 ianvaria 1960 g. Moskva, Izd-vo "Rechnoi transport," 1961. 101 p.

SHIPS—MODELS
Modelmaking and students' success in their studies. R. Englin. Prof.-tekh. obr., 19, no. 2, 18-19. F '62.

SHIPS—SOUNDPROOFING
Klukin, I. I. [Controlling noise and sound vibration on ships] Bor'ba s shumom i zvukovoi vibratsiei na sudakh. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1961. 355 p.

SHIPS, ELECTRICITY ON. See Electricity on ships

SHIRVAN STEPPE. See Kura Lowland

SHKAPOVO REGION—OIL FIELDS—PRODUCTION METHODS
How the Shkapovo workers live and work. Neftianik, 7, no. 2, 19. F '62.

SHKLOVSKII, VIKTOR BORISOVICH, 1893-
Once upon a time... (conclusion). Viktor Shklovskii. Znamia, 31, no. 11, 166-188. N '61.

SHMIGOVS'KII, VSEVOLOD ANDRIIOVICH, 1904-1961
Shmigovs'kii, Vsevolod Andriiovich; obituary. Sil'. bud., 11, no. 12, 24. D '61.

SHOCK
Control of insufficiency of external respiration in shock and terminal states [with summary in English]. V. L. Kasatil'. Ortop., travm. i protez., no. 12, 17-22. '61.
Early prevention of traumatic shock. K. A. Gerbut. Vest. khir., no. 12, 77-81. '61.
Effect of nitrous oxide anesthesia on the course of experimental shock [with summary in English]. K. I. Smolinskii. Vest. khir., no. 7, 105-111. '61.
History of the terminology of shock and the classical description of its clinical stages. F. I. Komarkhov. Vest. khir., no. 12, 93-99. '61.
Organization and results of work of the center for treatment of shock and terminal states in the S. P. Botkin Hospital [with summary in English in insert]. A. N. Shabanov, T. P. Beliakova, I. S. Zolotolyubova, Ortop., travm. i protez., no. 12, 3-9. '61.
Treatment of hemodynamic disorders in traumatic shock and terminal states [with summary in English in insert]. I. S. Zolotolyubova and others. Ortop., travm. i protez., no. 10, 9-16. '61.

SHOCK THERAPY
Histochemical data on changes in the level of glycogen in the central nervous system of guinea pigs after electric shock [with summary in French]. P. Genchev. Zhur. nevr. i psikh., 61, no. 11, 1675-1683. '61.

SHOCK WAVES
Bagdoev, A. G. [Three-dimensional nonstationary motions of a continuous medium with shock waves] Prostranstvennye nestatsionarnye dvizheniia sploshnoi sredy s udarnymi volnami. Erevan, Izd-vo Akad. nauk Armianskoi SSR, 1961. 274 p.
Electrodynamic generation of shock waves. I. M. Zolototrubov, Iu. M. Novikov, V. A. Fiselev. Zhur. tekh. fiz., 32, no. 2, 251-256. F '62.
Investigating the flow in a discharge unit. V. N. Gusev. Inzh. zhur., 1, no. 3, 161-165. '61.
Position of the front shock wave due to supersonic gas flow about an elongated body of an arbitrary form. B. M. Bulakh. Inzh. zhur., 1, no. 1, 158-160. '61.
Spallation phenomena in iron and steel brought about by the interaction of rarefaction shock waves. A. G. Ivanov, S. A. Novikov, Iu. I. Tarasov, Fiz. tver. tela, 4, no. 1, 249-260. Ja '62.
Splitting of nonevolutional magnetohydrodynamic shock waves. V. V. Gogosov. Dokl. AN SSSR, 142, no. 2, 292-295. Ja '62.
Using the straight-line method in solving problems of subsonic flow about airfoils with a supersonic zone terminating with a shock wave. I. Kerimgazhiev. Inzh. zhur., 1, no. 3, 75-85. '61.

SHOE INDUSTRY. See subdivision under Cherkassy Province; Rostov

SHOE INDUSTRY—ACCOUNTING
Equivalent method of calculating the material expenditure in shoe manufacture. G. Pilipovian. Prom. Arm., 4, no. 12, 60-63. D '61.
Golovtsova, A. N., and A. V. Kogal. [How to read the balance sheet of an industrial enterprise] Kak chitat' balans predpriiatiia. [Leningrad] Lenizdat, 1961. 70 p.

SHOE INDUSTRY—LABOR PRODUCTIVITY
Some potentials for the growth of labor productivity in the footwear industry. Report No. 1. A. A. Trubchaninov. Izv. vys. ucheb. zav., tekh. leg. prom., no. 1, 5-12. '62.

SHOE MACHINERY
Automatic control system of the UKP-1 semiautomatic machine. M. I. Petrosiuk. Izv. vys. ucheb. zav., tekh. leg. prom., no. 1, 134-140. '62.
Design and planning of plate mechanisms for shoe forming. Report No. 2. IA. G. Cherednichenko. Izv. vys. ucheb. zav., tekh. leg. prom., no. 1, 96-103. '62.
New method of applying viscous mastics on shoe parts. P. S. Kuprichev, V. V. Pakhomov. Nauch. trudy MTILP, no. 18, 147-151. '60.
Processing the end planes of shoe sole parts in the flat state. L. I. Pribora, V. A. Plishchikov. Izv. vys. ucheb. zav., tekh. leg. prom., no. 1, 89-91. '62.

SHOE MANUFACTURE
Determining the degree of complexity of leather footwear styles. Report No. 2. Method of determining the complexity of leather shoe trimmings and decoration. A. A. Cherniatin. Izv. vys. ucheb. zav., tekh. leg. prom., no. 1, 75-80. '62.

SHOE POLISH
Using ultrasonic waves. A. Allik, M. Volkovich. Mest. prom. i khud. promys., 3, no. 2, 17. F '62.

SHOLOKHOV, MIKHAIL ALEKSANDROVICH, 1905-
Matsai, O. L. [Chronicler of our epoch; a sketch on the works of Mikhail Sholokhov] Litopysets' nashoi epokhy; narys tvorchosti Mykhaila Sholokhova. Kyiv, 1961. 51 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 8, no. 21)
Veshenskaya malachite. IU. Korolev. Neva, no. 11, 215-217. '61.

SHOOTING
Determining the technical results of shooting. A. Pavlov. Voen. znan., 38, no. 3, 27-28. Mr '62.
Giving a mass character to shooting as a sport. Voen. znan., 38, no. 1, 31. Ja '62.

SHOOTING (Continued)

Shooting with a MBO-1 rifle I. Nikitin. Voen. znan. 38 no. 3 26 Mr '62

Talented marksmen. Voen. znan. 38 no 3:28-30 Mr '62.

The shot, methods of studying the elements of shooting. R. Minin. Voen. znan. 38 no. 1 28-29 Ja '62

SHOOTING, MILITARY

Each soldier is a skilled rifleman A Lafetov. Voen. vest 41 no 10 29-31 O '61

Forge combat training in the field S Demtsanenko Voen vest 41 no 10 62-64 O '61

Gusev, L. M., and N. N. Shramov. [Firing from a tank; a manual for the crew] Strel'ba iz tanka, posobie dlia ekipazha. Moskva, Voen izd-vo M-va oborony SSSR, 1961 109 p (Za voenno-tekhnicheskie znanila)

Was this your answer? Answers to problems published in the April issue of this periodical. Starsh. -serzh no 9-10-11 S '61

With the first shot. B Stepanchikov, A Andronov. Voen vest 41 no 10 47-51 O '61

SHOOTING CONTESTS

Make better preparations for international meets. L. Serebrianyi Voen. znan. 38 no. 2:31 F '62.

Refereeing at competitions. M. Nekrasov. Voen. znan 38 no 2.30-31 F '62

SHORE PROTECTION

(see also subdivision under Amu Darya, Black Sea)

Tree planting for the protection of seashores. V.A. Chirkov Put' i put. khoz. 6 no 2:42-43 '62

A way of improving seashore-protecting structures E N. Egorov. Trudy Inst. okean 53 37-41 '61.

SHORT CIRCUITS—SAFETY MEASURES

Relay for preventing short circuits due to the zero wire break I. S. Ermakov. Bez truda v prom. 6 no. 1 35 Ja '62

SHORTANDINSKIY DISTRICT—COLLECTIVE FARMS—ECONOMIC ASPECTS

Economic effectiveness of agricultural production on the "18 let Kazakhstana" Collective Farm in Shortandinskiy District of the Virgin Territory Zh Aitzhanov Vest sel'khoz nauki [Kazakh] 4 no 12 3-7 D '61

SHOSTAKOVICH, DMITRII DMITRIEVICH, 1906-

Berger, L. G. [Analysis of D. D. Shostakovich's eleventh symphony "Year 1905 "] Odinnadtsataia simfoniia D. D Shostakovicha "1905 god", polasnenie. Moskva, Sovetskii kompositor, 1961. 38 p.

Two preludes and fugues of D. D. Shostakovich, op. 87, No. 1, and No. 4; methodological commentaries as an aid to correspondence students. N V. Shirinskaia Trudy Gos. muz. -ped. inst no. 2 61-71 '61.

SHOT PEENING—EQUIPMENT AND SUPPLIES

Two-way shot-peening chamber. M. A. Umanskii. Mashinostroitel' no 2:24 F '62.

SHOULDER—SURGERY

Late results of arthrodesis of the shoulder joint in the case of paralytic dislocation. A Abdugafurov Med zhur. Uzb. no 12 72-75 D '61

SHOULDER JOINT—DISLOCATION

Surgical treatment of habitual dislocation of the shoulder joint according to F F. Andreev's method A.M. Aminev, A.I Stolarenko Ortop., travm i protez. no. 1:80-82 '62.

SHPOLA DISTRICT—PEAS

Peas, the brothers of our "queen" Pavlo Polyns'kyi. Ukraina no. 3 21-22 F '62.

SHRUBS

Luchnik, Z. I. [Pruning of shrubs] Obrezka kustarnikov. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 94 p. (DA)

SHUTTERS, PHOTOGRAPHIC

When the shutter lever doesn't work... M. IAkovlev. Sov foto 22 no 3 34-35 Mr '62.

SIAULIAI—TEXTILE INDUSTRY—HYGIENIC ASPECTS

Their example deserves dissemination. IA. Ruzgyte. Okhr. truda i sots. strakh. 5 no. 2:18-19 F '62.

SIAULIAI DISTRICT—BEANS

Experience in producing high forage bean yields in Siauliai District, Lithuania S. S R. E. IA. Selina Zemledelie 24 no 1:42-45 Ja '62

SIBAY REGION—BORING—WATER SUPPLY

Mechanized water supply to holes during drilling in the Sibay pits. G. L Grebenshchikov, V. B. Nikulin. Gor. zhur no. 12 62 D '61.

SIBERIA—AGRICULTURE

Sovershchanie rabotnikov sel'skogo khoziaistva Sibiri, Novosibirsk, 1961. [Put the resources of the land in the service of our country] Bogatstva zemli - *na sluzhbu* Rodine; materialy. Moskva, Izd-vo "Sovetskaia Rossiia, 1962. 205 p. (DA)

SIBERIA—BAUXITE

Genesis and paragenesis of rocks of bauxite-bearing formations in Siberia [with summary in English] K. V. Bogolepov. Geol i geofiz. no 11:14-22 '61

SIBERIA—COKE INDUSTRY

Economic investigation of coal deposits of the by-product coking industry V. D. Frishberg. Koks i khim. no 6: 49-54 '61

SIBERIA—CONSTRUCTION WORKERS

We are the first here. N. Gorbunov. Vokrug sveta no. 1 1-5 Ja '62.

SIBERIA—DESCRIPTION AND TRAVEL

Birilyuss taiga. K. Likovskii. Ogonek 40 no. 8:24-25 F '62.

Revich, V. A. [Flowers and concrete] TSvety i beton. Moskva, Sovetskaia Rossiia, 1960. 69 p (Po zemle Sibirskoi) (MB)

Train runs east. V. Berestov. Smena 38 no. 24: 14-15, 18 D '61

SIBERIA—ECONOMIC CONDITIONS

Vladimir Il'ich Lenin on Siberia. A. M. Svistkova, A. F. Kurakin. Geog. v shkole 25 no. 2:2-5 Mr-Ap '62

SIBERIA—ETHNOLOGY

Ethnological results of the Great Northern Expedition, 1733-1743 M. O Kosven Trudy Inst etn 64 187-212 '61

SIBERIA—FORAMINIFERA, FOSSIL

Rectoglandulina from Permian and lower Mesozoic sediments in the northern part of central Siberia. A. A Gerke. Sbor. st po paleont i biostrat. no. 23:5-34 '61

SIBERIA—GEOLOGY—BIBLIOGRAPHY

Literature on the geology of Siberia received by the State Public Scientific and Technical Library of the Siberian Branch of the Academy of Sciences of the U S S.R. during the period April 21-May 28, 1961. Geol. i geofiz no 11:128-135 '61

SIBERIA—GROSBEAKS

Buttfindres in Siberia. M. A. Prokof'ev. Priroda 51 no. 2:119 F '62.

SIBERIA—HISTORY

Discussion of the "History of Siberia in several volumes" A. N. Kopylov Vop. ist. no. 2:122-125 F '62.

SIBERIA—INSURANCE, SOCIAL—CONGRESSES

Comments by workers in Siberia and the Far East. M Sharapov. *Sots. obesp 23 no. 2-27-30 F '62.*

SIBERIA—KARST

Study of the karst in the southern part of central Siberia. *A. G. Chikishev.* Biul. MOIP Otd. geol. 37 no 1:156 Ja-F '62.

SIBERIA—LAMELLIBRANCHIATA, FOSSIL

Biostratigraphic significance of bivalve mollusks in the coal-bearing sediments of Siberia. L. A. Ragozin. Biul. MOIP. Otd. geol. 37 no. 1:152-153 Ja-F '62.

Bivalvular molluska from coal-bearing deposits of Siberia. L. A. Ragozin Dokl AN SSSR 142 no. 6 1374-1377 F '62.

SIBERIA—PETROLEUM—PIPELINES

On the construction site of the trans-Siberian underground pipeline Izv vys. ucheb. zav.: neft' i gaz 4 no. 5 68 '61.

SIBERIA—PINE

Shitmanuk, A. P. [Pine forests of Siberia and the Far East; silvicultural characteristics] *Sosnovye lesa* Sibiri i Dal'nego Vostoka; lesovodstvennaia kharakteristika. Moskva, Izd-vo Akad. nauk SSSR, 1962. 186 p.

SIBERIA—RAILROADS—CONSTRUCTION

Labor force in the construction *of the Siberian* Railroad, 1891-1905. V. F. Borzunov. Ist. zap. no. 70:147-162 '61.

SIBERIA—REVOLUTION, 1917-1921

Outstanding leader of Siberian guerrilas. Voen.-ist zhur. 4 *no. 3 126-127* Mr '62.

SIBERIA—TRANSPORTATION—EQUIPMENT AND SUPPLIES

Transportation means among the Kets. E. A. Alekseenko Trudy Inst. etn. 64:64-67 '61.

SIBERIA—WHEAT

IAkhtenfel'd, P. A. [Cultivation of spring wheat in Siberia] *Kul'tura iarovoi pshenitsy v Sibiri.* Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 359 p. (DA)

SIBERIA—WOMEN AS FARMERS

We shall settle in virgin lands too. Dzina Niaronskaia and others. Rab. i sial. 37 no. 7:9 Jl '61.

SIBERIA—WORLD WAR, 1939-1945

Undying battle traditions. V. IAnov. Komm. Vooruzh. Sil 2 no. 5:63-65 Mr '62.

SIBERIA, EASTERN—GEOLOGY, STRATIGRAPHIC

Absolute age of metamorphic rocks in the northeast of the U. S. S. R and manifestations of multiple metamorphism L. V. Fitsov Dokl AN SSSR 143 no. 1 [illegible] '62

SIBERIA, EASTERN—ICE ON RIVERS, LAKES, ETC.

Icings and spaces of open water among river ice in the northeastern part of the U S S R A S Kuznetsov Sbor. rab po gidrol no 3 72-86 '61

SIBERIA, EASTERN—NATURAL RESOURCES

For the comprehensive utilization of the resources of Eastern Siberia V. Dolzhnykh Plan. khoz 39 no. 3. 59-65 Mr '62.

SIBERIA, EASTERN—ROCKS, IGNEOUS

Late Mesozoic magmatic phases in the northeast of the U S. S. R L V Fitsov Dokl. AN SSSR 142 no. 6 1381-1383 F '62

Upper Paleozoic magmatism in the northeastern part of the U S. S. R. L. V. Fitsov Dokl AN SSSR 142 no. 4 913-915 F '62

SIBERIA, EASTERN—STRIP MINING

Selecting new stripping equipment for the coal deposits of Eastern Siberia G P. Karpinskii Ugol' 36 no. 11-15 Jl '61

SIBERIA, WESTERN—ETHNOLOGY

Anthropological studies of the native population of Western Siberia. N. S Rozov Vop. antr. no 6 [illegible] '61.

SIBERIA, WESTERN—GEOLOGY, STRUCTURAL

Lava plateau. A. I. Pecherin Priroda 51 no. [illegible] '62.

SIBERIA, WESTERN—GEOMORPHOLOGY

Some characteristics of the ridge-type relief in connection with the problem of the genesis of the western part of Western Siberia. M. P. Gerasimova Izv AN SSSR Ser. geog. no 1 90-96 Ja-F '62.

SIBERIA, WESTERN—GRAVITY PROSPECTING

From the results of first small-scale geophysical surveys by the use of aircraft transportation in areas *with different access in Western Siberia.* [illegible] A. Trudy Inst. geol. i geofiz. Sib. otd. AN SSSR no. 11 167-174 '61.

SIBERIA, WESTERN—MAGNETIC PROSPECTING

Calculation of the magnetic field in the vertical plane of certain simple bodies. V A. Larionov Trudy Inst. geol i geofiz Sib otd AN SSSR no 1 105-115 '61.

SIBERIA, WESTERN—STATE FARMS—MANAGEMENT

Optimum sizes for state grain farms and their [illegible] in Western Siberia. M. I. Bulychev Dokl. [illegible] VNIESKH no 11:16-27 '61

SIBERIAN PLATFORM—FOLDS (GEOLOGY)

Principle elements of the Pre-Cambrian and [illegible] zoic structure in the southeastern Siberian platform [with summary in English]. S M. Zamaraev [illegible] geofiz. no 11:30-39 '61

SIBERIAN PLATFORM—GEOLOGY, STRUCTURAL

Basic characteristics of the relationship between [illegible] and tectonic activity in the Siberian Platform [with summary in English]. A S. Khilkov. Geol i [illegible] no. 11 40-46 '61.

SIDERITE

(see also subdivision under Daghestan, Kh[illegible])

Dressing of leucoxene-siderite sandstones. S. A Syssoliatin. Titan i ego splavy no. 5:17-19 '61

SIDEWALKS

Molik-Bagdasarov, S. M. [Colored pavements for [illegible] walks] TSvetnye pokrytiia parkovykh dorozhek [illegible] Izd-vo M-va kommun. khoz. RSFSR, 1961. 30 p.

SIDORENKO, MIKHAIL DMITRIEVICH, 1860-1[illegible]

M. D. Sidorenko; on the 100th anniversary of his birth. V. I., Mil'govskaia-Butkovskaia. Min shos. [illegible] 365 '60.

SIEROZEM SOILS

Methods for increasing the depth of the plow layer in irrigated Sierozems. F. I. Rodionikov. Shor. [illegible] insl. rab UzNIIME no 1:20-44 '59.

SIERRA LEONE

Sierra Leone, a new independent state in Africa. [illegible] bytkovskii, I. Fridman Otv. za vop. [illegible] Je '61.

SIGHT

Studying reactions of the visual analyzer under [illegible] of flashes of a variable frequency. V. P [illegible] Sokolov. Dokl. APN 5 no. 3:108-110 '61

Studying the reaction of the visual analyzer under conditions of the gradual change of the intensity of light flashes. E. N. Sokolov, V. P. Dulenko. Dokl. APN [illegible] no. 3:101-104 '61.

SIGNATURES (PRINTING)

The profile of the butt end of a signature. [illegible] Nauch. trudy MPI no. 12:239-266 '60.

SIKHOTE-ALIN' RANGE—FOLDS (GEOLOGY)

Boundary of the Hercynian folds and the presence of latitudinal-structural suture in the southern Sikhote-Alin' Range. B. A. Ivanov. Sov. geol. 5 no. 2:134-136 F '62.

SIKHOTE-ALIN' RANGE—GEOLOGY, STRATIGRAPHIC

Mesozoic of the northern Sikhote-Alin' Range and lower Amur Valley. A. I. Savchenko. Sov. geol. 4 no. 12: 76-95 D '61.

SIKHOTE-ALIN' RANGE—PALEOBOTANY, STRATIGRAPHIC

New data on the Cretaceous flora in the central Sikhote-Alin' Range. V. A. Krasilov. Paleont. zhur. no. 3:132-133 '61.

SIKHOTE-ALIN' RANGE REGION—LANDSLIDES

Mesozoic subaqueous slumping in the region of the central Sikhote-Alin' Range. Ш. N. Nazmakhnin. *Sov. geol.* 4 no. 12:122-127 D '61

SILANE

Addition of methylbutyl- and methylisobutylfluorosilanes to styrene. M. F. Shostakovskii, B. A. Sokolov, A. N. Grishko. Zhur. ob. khim. 32 no. 2:663 F '62.

Determination of an acetonitrile admixture in trimethylchlorosilane. S. V. Slavitskii, B. M. Laskina, L. N. Karakushkina. Plast. massy no. 2:24 '62.

Physicochemical investigation of complexes formed by alkyl-(aryl)-chlorosilanes and the halides of tetrasubstituted ammonium. N. M. Alpatova and others. Dokl. AN SSSR 142 no. 5:1073-1076 F '62.

Potential functions of molecules of the homologous series $(CH_3)_n SiBr_{4-n}$ (n = 1 - 4). L. F. Kovalev. Dokl. AN SSSR 142 no. 5:1069-1072 F '62.

Reaction of addition of aromatic derivatives to vinylmethyldichlorosilane. K. A. Andrianov, A. A. Zhdanov, V. A. Odinets. Zhur. ob. khim. 31 no. 12:4033-4038 D '61.

Reaction of diethylmethoxychlorosilane with sodium derivatives of acetylacetone and acetoacetic ester. K. A. Andrianov, A. A. Zhdanov, N. A. Kashutina. Zhur. ob. khim. 32 no. 1:297-301 Ja '62.

Reaction of organohydride silanes with carboxylic acids in the presence of colloidal nickel. N. F. Orlov and others. Zhur. ob. khim. 32 no. 2:650-651 F '62.

Reactions of halo derivatives of arylchlorosilanes with hydride chlorosilane. G. S. Popeleva and others. Zhur. ob. khim. 32 no. 2:557-562 F '62.

SILAZANE

Hydrolysis of cyclic polymethylsilazanes. K. A. Andrianov, G. IA. Rusina. Zhur. ob. khim. 31 no. 12: 4030-4042 D '61.

Synthesis of cyclosilazane alkyl hydrides. E. A. Semenova, D. IA. Zhinkin, K. A. Andrianov. Izv. AN SSSR. Otd. khim. nauk no. 2:269-271 F '62.

SILICA

(see also subdivision under Baltic Sea)

Method for recording absorption spectra of dyes in transmitted light on plate-shaped silica and aluminosilicate gels. Z. Z. Vysotskii, I. F. Divnich, S. S. Butako. *Opt. i spektr.* 12 no. 2:327-328 F '62.

SILICATES

Adhesion of simplest silicate melts to oxidized and unoxidized steels. A. A. Permikov, S. I. Popel', V. S. Smirnov. Zhur. prikl. khim. 35 no. 2:271-275 F '62.

Problem of Si-O bonds and interatomic distances in silicates. A. N. Lazarev. Zhur. ob. khim. 31 no. 12: 4001-4062 D '61.

SILICATES—SPECTRA

Vibrational spectra of silicates. Part 4. Interpretation of the spectra of silicates and germanates with annular anions. A. N. Lazarev. Opt. i spektr. 12 no. 1:60-65 Ja '62.

Vibrational spectra of silicates. Part 5. Silicates with bandlike anions. A. N. Lazarev, T. F. Teniasheva. *Opt. i spektr.* 12 no. 2:215-219 F '62.

SILICIDES

Chemical properties and methods of analyzing some silicides. T. IA. Kosolapova and others. Biul. Inst. metalloker. i spets. splav. AN URSR no. 6:50-74 '61

SILICIFICATION

Mechanism of metal silicification [with summary in English]. V. K. Titov, IE. F. Makarov. Dop. AN URSR no. 1:50-53 '62.

SILICON

Sensitivity of germanium and silicon photocells in the region of impurity excitation. F. M. Berkovskii, S. M. Ryvkin. Fiz. tver. tela 4 no. 2 366-375 F '62.

SILICON—SPECTRA

Use of discharge in a hollow cathode for the analysis of impurities in silicon. Kh. I. Zil'bershtein and others. Zav. lab. 28 no. 1:43-45 '62.

SILICON-ALUMINUM-MANGANESE ALLOYS see Aluminum-manganese-silicon alloys

SILICON CARBIDE

Formation of a mineral at the contact of silicon carbide with iron and calcium oxides. I. S. Kainarskii, I. I. Kariakin. Dokl. AN SSSR 142 no. 4:887-889 F '62

SILICON-COPPER ALLOYS

Catalytic poisons in silicon-copper alloys. D. I. Lainer, L. A. Malysheva, L. I. Sotnikova. Trudy Giprotsvetmetobrabotka no. 20 14-16 '61

Dilatometric investigation of silicon-copper alloys. D. I. Lainer, L. A. Malysheva. Trudy Giprotsvetmetobrabotka no. 20 6-13 '61.

Promoting silicon-copper catalysts by antimony. D. I. Lainer, L. A. Malysheva, L. I. Sotnikova. Trudy Giprotsvetmetobrabotka no. 20 17-19 '61

SILICON CRYSTALS

Some morphological characteristics and forms of silicon monocrystal solution. N. A. Shamba. Soob. AN Gruz SSR 27 no. 6:727-730 D '61.

SILICON CRYSTALS—DEFECTS

Change in the surface properties of p-silicon following irradiation with lithium ions. M. M. Bredov, A. B. Nuromskii. Fiz. tver. tela 4 no. 2 562-564 F '62.

SILICON HYDRIDE

Reaction of silicon hydrides with aromatic compounds in the liquid phase in the presence of boron trichloride. E. A. Chernyshev, E. V. Vangnits. Zhur. ob. khim. 32 no. 1:24-29 Ja '62.

SILICON-LITHIUM ALLOYS see Lithium-silicon alloys

SILICON ORGANIC COMPOUNDS

Exhibition of Achievements of the National Economy of the U. S. S. R. Polyorganosiloxane fluids. G. Tatevosian. Plast. massy no. 2:77-80 '62.

Interaction between polyorganosiloxanes and Jocic reagents. M. F. Shostakovskii, N. V. Komarov. Zhur. ob. khim. 32 no. 1:320-321 Ja '62

Polycondensation synthesis of polychelate titanium siloxane elastomers. K. A. Andrianov, Sh. V. Pichkhadze, V. V. Komarova. Izv. AN SSSR. Otd. khim. nauk no. 2 261-264 F '62.

Siliconorganic esters of methylphosphinic acid. N. F. Orlov, M. G. Voronkov. Zhur. ob. khim. 32 no. 2:608-612 F '62

Synthesis of organoaluminum compounds containing a silicon atom in their alkyl chain. L. I. Zakharkin, L. A. Savina. Izv. AN SSSR Otd. khim. nauk no. 2:253-256 F '62.

Synthesis of organosilicon monomers with nitrile groups. A. D. Petrov and others. Zhur. prikl. khim. 35 no. 2: 385-389 F '62.

Synthesis of saturated organosilicon peroxides. A. K. Litkovets, T. I. IUrzhenko. Dokl. AN SSSR 142 no. 6: 1316-1318 F '62.

Tritiation of organosilicon compounds by the method of rebounding tritium atoms. V. D. Nefedov and others. Zhur. ob. khim. 32 no. 2:614-618 F '62

Utilization of organic silicon compounds for preparing water-repellent surfaces. V. A. Pis'mennyi, V. I. Somin. Lab. delo 8 no. 2 53-55 F '62

SILK

Usenko, V. A., and L. M. Zabelotskii. [Silk technology] *Tekhnologiia shelka.* Pod red. V. A. Usenko. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR.
Pt 2 [Silk spinning] Shelkopriadenie. 1961. 343 p.

SILK MANUFACTURE see subdivision under Erivan; Moscow, Uzbekistan

SILK MANUFACTURE—HYGIENIC ASPECTS

Occupational diseases in natural silk production. A. P. Bocharov, A. F. Solov'eva. Med. zhur. Uzb. no. 12,46-48 D '61.

SILK MANUFACTURE—LABOR PRODUCTIVITY see subdivision Orenburg

SILOXANES

Degradation and structure formation of polydimethylsiloxane (pdms) under the effect of heat. A. A. Berlin and others. Dokl. AN SSSR 142 no. 2:351-353 Ja '62

SILVER

Diffusion and solubility of silver in bismuth telluride. B. I. Boltaks, N. A. Fedorovich. Fiz. tver. tela 4 no. 2: 550-552 F '62.

Preparation of finely dispersed silver for the microchemical analysis of elements [with summary in English]. V. A. Klimova, E. N. Merkulova. *Zhur. anal. khim.* 17 no. 1:142 Ja-F '62.

"Slow" diffusion of silver in germanium. V. E. Kosenko. Fiz. tver. tela 4 no. 1:58-61 Ja '62.

SILVER—METALLOGRAPHY

Conditions responsible for the formation of protuberances etching grooves, and unstable faces in silver at high temperatures. V. N. Danilov. Kristallografiia 7 no. 1: 154-156 Ja-F '62.

SILVER—METALLURGY

Copper and silver recovery by the segregation method [from foreign journals]. A. Pen'ko. TSvet. met. 35 no. 2:1-8 F '62.

SILVER—PHYSIOLOGICAL EFFECT

Silver water. P. Goncharenko. IUn. tekh. 6 no. 2:66-68 '62.

SILVER HALIDES

Effect of infrared light on the luminescence of pure and mixed silver-halide phosphors. V. M. Belous, S. I. Golub. Opt. i spektr. 12 no. 2:271-274 F '62

SILVER HALIDES—OPTICAL PROPERTIES

Light absorption in silver halides. P. V. Meikliar. *Fiz. tver. tela* 4 no. 1:146-151 Ja '62

SILVER IODIDE

Dispersiveness of the silver iodide aerosol. V. N. Baibanova, T. N. Zhigalovskaia. Izv. AN SSSR Ser. geofiz. no. 3 443-446 Mr '62

SILVERSMITHING see subdivision under Kazakhstan

SIMFEROPOL—HIGHWAY TRANSPORT WORKERS

Toward new boundaries in competition. A. Shust. Avt. transp. 40 no. 2:11 F '62.

SIMKIN, MIKHAIL SAMOILOVICH, 1906-1961

Mikhail Samoilovich Simkin, obituary. Neftianik 7 no. 2:35 F '62.

SINGAPORE—DESCRIPTION

Singapore, city of contrasts. N. Mitrofanov. Az. i Afr. segodnia no. 2,43 F '62.

SINGAPORE—ECONOMIC CONDITIONS

Dark side of Singapore. A. Tarana. Vo'trug sveta no. 3: 52-53 Mr '61

SINGERS, CUBAN see subdivision under Moscow

SINGERS, UKRAINIAN

Oleksandr Myshuha. IEvhen Krotevych. Ukraina no. 4: 25 F '62.

SINGING—INSTRUCTION AND STUDY

Bezzubov, G. I., and N. M. Sheremet'eva. [Methodological letter for the textbook "Our song" for the first grade] Metodicheskoe pis'mo k uchebnomu posobiiu 'Rodnaia pesnia" dlia 1 klassa. Izd. 2., perer. Leningrad, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 53 p.

Instructors of vocal departments speak. E. Katul'skaia and others. Sov. muz. 26 no. 2 86-91 F '62

A word to the music school. E. Gedevanova. Sov. muz. 26 no. 2:92 F '62.

SINGING—METHODS—JUVENILE

Berkman, T. L., and K. S. Grishchenko. [Musical development of pupils in grades 1-2 in singing instruction] Muzykal'noe razvitie uchashchikhsia v protsesse obucheniia peniiu; I-II klassy. Pod obshchei red. L. V. Zankova. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1961. 215 p.

SINTERING

Effect of basicity on the kinetics of fluxed sinter reduction by hydrogen. P. N. Ostrik, S. T. Rostovtsev. Izv. vys. ucheb. zav., chern. met. 5 no. 1:5-13 '62

Effect of kind and size of fuel on the rate of the sintering process and quality of the sinter. N. M. Babushkin, V. IA. Miller. Stal' 22 no. 2 101-106 F '62

Investigating the sintering process of electrolytic niobium powder. V. M. Amosov. TSvet. met. 35 no. 2:60-65 F '62.

Measuring waste gas temperatures for the automatic control of the speed of pallet movements in sintering machines. I. D. Reznik, V. I. Bulgakov, M. K. Sazhenov. TSvet. met. 35 no. 2:29-30 F '62.

Results of testing on the sintering of titanium concentrates. V. A. Reznichenko, G. D. Sidorenko. Titan i ego splavy no. 5:50-53 '61.

SINTERING—DEFECTS

"Crust" defect in the sintering of hard alloys. N. R. Anders. Sbor. trud. VNIITS no. 2 46-56 '60.

SINTERING—EQUIPMENT AND SUPPLIES

Changing the setting and fastening the grates on sinter hoppers. Metallurg 7 no. 3:12 Mr '62.

Improving the transmission gear of a sintering machine. D. P. Pritykin. Metallurg 7 no. 3 8-9 Mr '62.

Testing of a redesigned D-3500-13 sintering furnace exhauster. A. V. Drinbo, D. P. Pritykin, V. B. Sokolov. Stal' 22 no. 2 110 F '62

SINUSITIS

Etiology, clinical aspects and treatment of arachnoiditis of rhinosinusogenic etiology [with summary in English]. N. S. Blagoveshchenskaia. Vest. otorin. no. 2:3-12 '62.

Rhinogenic intracranial complications. A. O. Shul'ga, N. V. Mishen'kin. Vest. otorin. no. 2 12-17 '62

Rhinogenic intracranial complications. A. V. Zhukovich. Vest. otorin. no. 2:18-21 '62.

SIPHONOPHORA see subdivision under Pacific Ocean

SIVASH—SALT

The third attack on Sivash. IU. Svarichevskii. Vokrug sveta no. 5:55-56 My '61.

SIZING (TEXTILE)

Our practices in reducing thread breakage on looms. L. A. Sklokina, A. I. Lapshina. Tekst. prom. 21 no. 6: 44-45 Je '61.

Use of homogenizers in sizing. I. V. Bykova. Tekst. prom. 21 no. 6:45-47 Je '61.

SKACHKOV, PETR EMEL'IANOVICH, 1892-

P. E. Skachkov's works on Chinese history: on his 70th birthday. V. N. Nikiforov. Vop. ist. no. 3:155-156 Mr '62.

SKARNS see subdivision under Balkhash Lake region; Gornaya Shoriya, Kazakhstan

SKATING

Analysis of modern trends in the development of figure skating. V. Starosta. Teor. i prak. fiz. kul't. 24 no. 8: 605-609 '61.

Classification, graphic recording and conditional designations for figure skating. IA. A. Smushkin. Teor. i prak. fiz. kul't. 24 no. 12:935-938 '61.

Method of elementary training of young ice skaters. R. N. Travkina. Dokl. APN S no. 2:101-102 '61.

Skating in the new winter season. V. S. Kapitonov. Teor. i prak. fiz. kul't. 24 no. 11:823-828 '61.

Symphony on ice. Smena 38 no. 24:32 D '61.

SKIN

Clinical significance of studying skin pain sensitivity in some diseases of the internal organs. E. Sh. Khalfen. Azerb. med. zhur. no. 11 22-27 N '61.

Effect of nicotinic acid on the skin temperature of patients with various states of schizophrenia [with summary in French]. D. Kassai, V. Maté. Zhur. nevr. i psikh. 61 no. 11 1688-1698 '61.

Histochemical investigation of the polysaccharide content of the skin during the healing of acute radiation necrosis. L. A. Afrikanova. Dokl. AN SSSR 140 no. 5:1181-1184 O '61.

Studying the cornification of the skin epithelium in lizards (Lacerta agilis, L. vivipara) by the use of methionine-S35. T. I. Poliakova. Dokl. AN SSSR 142 no. 6 1399-1402 F '62.

SKIN—CANCER

(see also subdivision under Vologda Province)

Change in the higher nervous activity in rabbits under conditions of growth and malignant degeneration of a virus papilloma [with summary in English]. A. E. Nadareishbili. Zhur. vys. nerv. deiat. 11 no. 4:742-745 Jl-Ag '61.

Skin cancer in a one-year old child. P. D. Tulaganov. Med. zhur. Uzb. no. 9:63 S '61.

Statistical and clinical data on skin cancer. V. I. Shaposhnikov. Zdrav. Kazakh. 21 no. 10:36-41 '61.

SKIN—DISEASES

Basic problems of the public health services and dermatovenerological institutions in control of venereal and skin diseases. Vest. derm. i ven. no. 2:3-7 '62.

Case of fixed recurrent bullous dermatitis as a result of streptocide treatment. T. T. Tadzhibaev. Med. zhur. Uzb. no. 9:83 S '61.

Diseases of the skin. IA. Dubrov. Sel'. mekh. no. 2: 27-29 '62.

Incidence of dermatosis among workers of the Tashkent Textile Combine on first-call data. I. N. Dmitrieva, B. IU. Zavalen. Med. zhur. Uzb. no. 9:27-28 S '61.

Local use of steroid hormones in treating some skin diseases. IU. IA. Ashmarin and others. Vest. derm. i ven. no. 2 71-73 '62.

Outpatient treatment of some skin diseases with Tashkent mineral water. O. I. Maslovskii. Med. zhur. Uzb. no. 9:20-23 S '61.

Oxygen therapy in some skin diseases. U. K. Baiukha. Med. zhur. Uzb. no. 9:31 S '61.

Pantothenic acid in the treatment of some forms of skin disease. V. F. Maksimov. Voen.-med. zhur. no. 8:78 Ag '61.

Pathogenesis, clinical aspects and treatment of lipoid necrobiosis of the skin [with summary in English]. P. F. Petrunin. Vest. derm. i ven. no. 2:35-42 '62.

Prevention of pyodermitis in cotton workers [in Azerbaijani with summary in Russian]. D. G. Agakishiev. Azerb. med. zhur. no. 8:86-91 Ag '61.

Protein fractions of the blood serum in some chronic dermatoses. S. I. Matuskov and others. Vest. derm. i ven. no. 2:42-44 '62.

Solov'eva, L. V. [Prevention of suppurative skin diseases in agriculture and industry] Profilaktika gnoinichkovykh zabolevanii kozhi v sel'skom khozialstve i na proizvodstve. Moskva, Medgiz, 1961, 53 p. (Nauchno-populiarnaia meditsinskaia literatura) (DNLM)

Treatment of pyodermas with antibiotics from the tetracycline series in combination with vitamins [with summary in English]. V. I. Baliasnikov, V. A. Lenartovich, M. A. Frolova. Antibiotiki 6 no. 12:1104-1107 D '61.

Treatment of some dermatoses with a paste of the ASD fraction 3 preparation. P. Baskakov, A. Babikova. Voen.-med. zhur. no. 8:79 Ag '61.

Treatment of some kinds of dermatosis with ACTH. A. A. Akovbian, K. S. Suleimanov. Med. zhur. Uzb. no. 9: 13-17 S '61.

Troitskaia, A. D. [Piodermitis; staphylodermatitis and streptodermatitis] Piodermity, stafilodermii i streptodermii. [Leningrad] Medgiz, 1958. 143 p. (Biblioteka prakticheskogo vracha)

SKIN—INNERVATION

Comparative morphological data on the adaptability of skin receptors to pressure in normal and blind subjects [with summary in English]. A. A. Otolin. Arkh. anat. gist. i embr. 41 no. 7 72-84 Jl '61.

SKIN—RADIOGRAPHY

Effect of various doses of ultraviolet rays on skin reactivity. I. N. Ibragimov. Med. zhur. Uzb. no. 6:43-46 Je '60.

SKIN—TRANSPLANTATION

Dermatoplasty in fresh nasal defects. V. M. Messina. Vest. otorin. no. 2:33-36 '62.

Fate of auto- and homografts of the skin implanted in burn wounds in children [with summary in English]. E. N. IAroshevskaia. Vest. khir. no. 12 27-37 '61.

History of dermatoplasty in Russia. P. V. Zav'ialov. Sov. med. 25 no. 12:140-141 D '61.

SKIN—TUBERCULOSIS

Pathohistological changes in tuberculosis of the skin during the process of treatment with phthivazide. N. IA. Terekhova. Probl. tub. no. 2:67-73 '62.

Treatment of skin tuberculosis. E. S. Pevzner, F. I. Ivankova, I. G. Leibman. Zdrav. Bel. 7 no. 6:48-50 Je '61.

SKIN—TUMORS

Case of primary multiple skin tumors [with summary in English]. F. A. Kadyrov. Vop. onk. 8 no. 1:85-87 '62.

SKIN—WOUNDS AND INJURIES

Treatment of traumatic skin detachment by S. M. Rubashov's method. F. P. Tikhomirova. Nov. khir. arkh. no. 4:110 Jl-Ag '60.

SKIN DIVING see Diving, Submarine

SKIN EFFECT

Width of the cyclotron resonance line in semimetals and determination of the correlation function for bismuth. M. IA. Azbel', G. A. Begiashvili. Zhur. eksp. i teor. fiz. 42 no. 2:640-641 F '62.

SKIN GRAFTING

Free skin graft following a radical operation on the middle ear [with summary in English]. B. I. Poskhis. Zhur. ush., nos. i gorl. bol. 20 no. 6:70-73 N-D '60.

Vascularization and innervation of Filatov's grafts. N. V. Fetisov. Probl. stom. 6:308-314 '60.

SKIPPER (FISH) see subdivision under Pacific Ocean

SKIS AND SKIING

(see also subdivision under Caucasus; France; Kavgolovo)

For a better sliding of skis. G. Viktorov. IUn. tekh. 6 no. 2:30 '62.

How to construct a ski jump in a collective physical culture organization. A. P. Golubinskii. Teor. i prak. fiz. kul't. 24 no. 10:781-783 '61.

Keeping and analyzing notes in training diaries for skiers. V. A. Voronov. Teor. i prak. fiz. kul't. 24 no. 8:617-621 '61.

New method for studying the techniques of skiing. N. I. Kuz'min, I. I. Mukhortov. Teor. i prak. fiz. kul't. 24 no. 11:870-874 '61.

Perfecting the technique of racing skiers. V. I. Kamenskii, E. M. Matveev. Teor. i prak. fiz. kul't. 24 no. 10: 749-752 '61.

Stability in landing in ski jumps from the take-off. V. K. Nasimovich. Teor. i prak. fiz. kul't. 24 no. 11:838-839 '61.

Training racing skiers during a short winter. G. S. Kopylov. Teor. i prak. fiz. kul't. 24 no. 12:918-920 '61.

Wonderful winter time. Smena 38 no. 24:4-5 D '61.

SKIS AND SKIING—BIBLIOGRAPHY see Bibliography—Skis and skiing

SKOPIN—CERAMICS

Skopin potters. L. Godin. Mest. prom. i khud. promys. 3 no. 2:35 F '62.

SKRIPNIK, NIKOLAI ALEKSEEVICH, 1872-1933

In memory of N. A. Skripnik. L. D. Mryshchuk. Ukr. ist. zhur. 6 no. 2:146 Mr-Ap '62.

An old Bolshevik's path of life. IU. B. Babko. Ukr. ist. zhur. 6 no. 1:148-149 Ja-F '62.

SKRIPOV, FEDOR IVANOVICH, 1921-1961

F. I. Skripov; obituary. Opt. i spektr. 12 no. 1:155 Ja '62.

SKULL—ABNORMITIES AND DEFORMITIES

Case of impressio basilaris. A. IU. Ratner. Kaz. med. zhur. no. 4:76-78 Jl-Ag '61.

SKULL—SURGERY

Primary cranioplasty in a contaminated wound of the [illegible]. V. A. Vovchuk, F. A. Filiuk. Nov. khir. arkh. no. 4: 112-113 Jl-Ag '60.

SLAG

Developing a procedure for the making of lime stone and alumina semifinished products for the preparation of synthetic slag. S. G. Voinov and others. Stal' 22 no. 2 128-132 F '62.

Formation of sulfide compounds in types of slag. V. N. Gorshkov, T. A. Khvatovskaia. Sbor. trud. VNIIMetiz no. 1:22-27 '61.

Hydraulic activity of monocalcium silicate and belonite. P. P. Budnikov, V. I. Pankratov. Nauch. issled. NIITSementa no. 11 28-32 '61.

Interaction of titanium tetrachloride with components of titanium-bearing slags in fused chlorides. III. A. Ivanovskii, N. V. Baryshnikov. Titan i ego splavy no. 5 143-147 '61.

Investigating the titanium slag chlorination process. V. A. Reznichenko, V. P. Solomakha. Titan i ego splavy no. 5:102-114 '61.

Surface and volume viscosity of the simplest ferrous slags. V. G. Korpachev, S. I. Popel', O. A. Esin. Izv. vys. ucheb. zav.; chern. met. 5 no. 1:41-47 '62.

Use of slags from the smelting of titanium-magnetites for the production of titanium dioxide and titanium tetrachloride. F. IA. Il'kov and others. Titan i ego splavy no. 5:270-281 '61.

SLAG—ANALYSIS

Phase analysis of converter slags for lead components. S. G. Trofimova. Izv. AN Uz. SSR, Ser. tekh. nauk 6 no. 1:75-84 '62.

SLAG—ELECTRIC PROPERTIES

Electric conductivity of titanium slags. V. S. Dalikhin, V. A. Reznichenko. Titan i ego splavy no. 5:93-101 '61.

SLATE see subdivision under Estonia

SLATE ROOFING see Roofing, Slate

SLAVIC LANGUAGES—GRAMMAR

"Slavo-Ruthenian grammar" by M. Luchkai. Reviewed by P. M. Lyzanets'. Ukr. mova v shkoli 12 no. 1:87-91 Ja-F '62.

SLAVIC LANGUAGES—PRONOUN

"Strong" forms in the system of pronouns in the South Slavic languages and their "weak" counterparts [with summary in English]. O. A. TSykhun. Vest. LGU 17 no. 2:119-130 '62.

SLAVIC LANGUAGES—STUDY AND TEACHING

Connections in the field of the methodology of Slavic languages. V. I. Masal'skyi. Ukr. mova v shkoli 13 no. 1 36-39 Ja-F '62.

SLAVIC STUDIES

(see also subdivision under Ukraine)

International Congress of Slavists, 4th Moscow, 1958 [Discussion materials] Materialy diskussii. Moskva, Izd-vo Akad. nauk SSSR.

Vol. I. [Problems of the history of Slavic literatures, folklore, and literary style] Problemy slavianskogo literaturovedeniia, fol'klористики i stilistiki. 1962. 646 p.

SLAVIC STUDIES—CONGRESSES

Fourth Republic Slavic Conference. Ukr. mova v shkoli 13 no. 1:90-92 Ja-F '62.

SLAVS

Relations of the Alano-Bulgarian tribes of the Don Valley with the Slavs in the eighth - ninth centuries. S. A. Ivanova. Sov. arkheol. 6 no. 1:83-94 '62.

SLAVS—CRANIOLOGY see subdivision under Dnieper Valley; Volga Valley

SLEEP THERAPY—EQUIPMENT AND SUPPLIES

"Elektroson," a new electron device with semiconductor triodes for the treatment of nervous disorders [with summary in English]. A. Vitolins, A. Bute. Izv. AN Latv. SSR no. 1:105-110 '62.

SLESAREV, PETR ADRIANOVICH, 1877-1961

Petr Adrianovich Slesarev; obituary. Gor. zhur. no. 11 78 N '61.

SLIDE RULE

Electrocardiographic ruler. V. F. Lipkovskii. Vrach. delo no. 1:137-139 Ja '62.

Ruler for the calculation of cutting measurements. V. Kolganov. Prof.-tekh. obr. 19 no. 2:20 F '62.

Shirokikh, I. I. [The slide rule and its uses; practical handbook] Logarifmicheskaia linelka i ee primenenie, prakticheskoe rukovodstvo. Izd. 4., ispr. i dop. [Tomsk] Tomskoe knizhnoe izd-vo, 1961. 95 p.

SLOPES (PHYSICAL GEOGRAPHY)

(see also subdivision under Taman' Peninsula)

Determining the mean inclination of parcels in the direction of cultivation. G. V. Cheshikhin. Trudy MIIZ no. 8:165-168 '59.

SOIL CONSERVATION see subdivision under Moldavia, Ukraine

SOIL DISINFECTION see subdivision under Uzbekistan

SOIL FERTILITY
Effect of shelterbelts on some elements of soil fertility I V Grabova Sbor. rab VNIALMI no 31 201-224 '60
System overturned by practice; why is grassland farming fundamentally wrong? A. V Sokolov Priroda 51 no 2 27-30 F '62
Way to increase soil fertility;interview with G. A Nalivaiko,Director of the Altai Agricultural Research Institute. Priroda 51 no 2 31-32 F '62

SOIL FORMATION see subdivision under East European Plain

SOIL FREEZING
Making calculations for a frozen core allowing for a change in the temperature of the heat transfer medium at different depths S M Filippovskii Gidr stroi 32 no. 12,42-43 D '61

SOIL MECHANICS
Florin, V. A. [Principles of soil mechanics] Osnovy mekhaniki gruntov. Leningrad, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam
Vol. 2 [Deformations and stability of the foundations of buildings] Deformatsiia i ustoichivost' osnovanii sooruzhenii. 1961. 543 p.
Interaction of the track of a crawler tractor with mineral soils. M F. Matsepuro, S S Selitskii Vop zemledel' mekh 6 94-129 '61
Resistance to displacement of coarse pored, loess-like, sagging soil as related to moisture changes. B I. TSiunchik Izv. vys ucheb. zav. ,stroi i arkhit 4 no 6;40-46 '61
Study of the effect of the plane shape and dimensions of foundations on the extent of settlement IU M Abelev [Trudy] NIIOSP no. 46 5-19 '61
Wetting of settling loess soil in a large trench A A Grigorian [Trudy] NIIOSP no 46 20-31 '61

SOIL MECHANICS—RESEARCH
Gumenskii, B.M., and G. F. Novozhilov. [Thixotropy of soil and its calculation in the construction of roads and road bridges] Tiksotropiia gruntov i ee uchet pri stroitel'stve avtomobil'nykh dorog i mostov. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961 106 p.
Laboratory study of settlement under small stamps of various diameters. A A Grigorian [Trudy] NIIOSP no 46 32-42 '61

SOIL MICRO-ORGANISMS
(see also subdivision under Soviet Central Asia)
Effect of the depth of plowing on the microflora of soils. A. Sh Latypov, E P. Solov'eva. Pochvy IUzh. Urala i Povol no. 4;230-237 '60.
Effect of the herbicides simazine and V-6658 on soil micro-organisms and soil fauna K Steinbrenner, Fr Naglitsch, I Schlicht. Agrobiologiia no 6:827-841 N-D '61.
Interrelation of Protozoa with various groups of soil bacteria V. F Nikoliuk,, V K. Rybina. Uzb. biol. zhur no. 6:3-6 '61.

SOIL MOISTURE
(see also subdivision under Alma-Ata Province, Karelia)
Effect of packing and furrowing on soil water balance and crop yields M. S. Shigaev. Pochvy IUzh. Urala i Povol no. 4;223-229 '60
Effect of snow retention on the water balance of soils. A. L. Vdovin. Pochvy IUzh Urala i Povol no. 4: 129-132 '60.
Effect of the original moisture on the compressibility of clayey soils compacted by heavy tampers V. I Krutov. [Trudy] NIIOSP no 46 80-91 '61
Effect of the water balance of soil and plant on the susceptibility of cotton to wilt A. D Avetisian, M S. Smbatian. Izv. AN Arm. SSR. Biol. nauki 15 no 1:59-68 Ja '62.
Movement of vaporous moisture in soil and its importance in agriculture D. I. Burov, P. I. Artiaev Pochvy IUzh. Urala i Povol. no. 4:111-120 '60.
Soil moisture measurement by the use of ultrasound. I. V. Pushkov. Sbor rab po gidrol. no 1:123-127 '59.
Temperature conditions and the migration of moisture in aeration zones. K. D. Tkachenko. Geol zhur. 21 no. 6:103-106 '61.

SOIL PERCOLATION
Seepage in the foundation and in the joints of a spillway dam. V. P. Semizorov. Gidr. stroi. 32 no. 12:40-41 D '61.

SOIL PHYSICS
Content of calcium humate and iron humate microaggregates in water-stable aggregates of various sizes. A. V. Koloskova. Pochvy IUzh. Urala i Povol. no. 4: 143-147 '60.
Use of firmness values in the determination of the unit resistance of soil. A. A. Kuznetsov. Trakt. i sel'khozmash. 32 no. 2:27-29 F '62.

SOIL RESEARCH
(see also subdivision under Kazakhstan, Ural Mountain region, Volga Valley)
Mel'nikova, K. P. [Development of Soviet soil science in connection with road construction and hydraulic engineering] Razvitie sovetskogo gruntovedeniia v sviazi s dorozhnym i gidrotekhnicheskim stroitel'stvom. Pod red. D. I. Gorbeeva. [Moskva] Izd-vo Mosk. univ., 1961. 218 p.
Using the micromorphological method for the study of fossil soils T. D. Morozova. Izv AN SSSR. Ser. geog. no 1 109-114 Ja-F '62

SOIL STABILIZATION
Effect of the original moisture on the compressibility of clayey soils compacted by heavy tampers V I Krutov [Trudy] NIIOSP no 46 80-91 '61
Settlement of structures on settling soils compacted below the surface V G Galitskii [Trudy] NIIOSP no 46 51-72 '61
Soil stabilizaton by means of lime. E. M. Ginesina, F. I. Kuznetsov, V. IA. Chekhovskoi Les. prom 39 no 12 21-23 D '61
Study of the method of subsurface compaction of settling soil V G Galitskii [Trudy] NIIOSP no 46 13-43 '61

SOIL TEMPERATURE
Effect of soil temperatures on the uptake of ash substances and nitrogen by individual crops. Z. F. Sycheva, Z. A. Bystrova Trudy Kar. fil. AN SSSR no 20:16-21 '61.

SOILS
(see also subdivision under Barnaul region; Bashkiria, Belaya Valley, Bashkiria; Goretskiy District, Tselinograd Province; Ural Mountain region, Ural Valley)
An attempt of an American scientist to gain priority over V. V. Dokuchaev in creating soil science. I P Gerasimov Izv. AN SSSR Ser. geog. no. 1 121-128 Ja-F '62
Effect of various forest plantations on soil. M. A. Vinokurov, E I. Ivanova, N. A. Mironov. Pochvy IUzh Urala i Povol no 1:87-90 '60.
Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut udobrenii i agropochvovedeniia. [Agricultural characteristics of soils; as exemplified by individual economies] Agronomicheskaia kharakteristika pochv; na primere otdel'nykh khoziaistv. Pod obshchei red. N.K Baliaba, N. P Karpinskogo i V. A. Fraitsesona. Moskva, Sel'khozizdat, 1961. 200 p

SOILS—ALUMINUM CONTENT see subdivision under Bashkiria

SOILS—CLASSIFICATION see subdivision under Ilishevo District

SOILS—COBALT CONTENT see subdivision under Latvia

SOILS—MANGANESE CONTENT see subdivision under Bashkiria

SOILS—MAPS see subdivision under Orenburg Province, United States

SOILS—MICROBIOLOGY
Role of soil in the epizootology and epidemiology of dermatomycoses. Z. G. Stepanishcheva. Veterinariia 39 no. 1;69-72 Ja '62.

SOILS—NITROGEN CONTENT
Effect of perennial grasses on the dynamics of free forms of nitrogen in soils. A V. Kalinovskii Trudy BSKHA 34;22-27 '61

SOILS—PHOSPHORUS CONTENT see subdivision under Tatar A. S. S. R.

SOILS—POTASSIUM CONTENT see subdivision under Bashkiria

SOILS—SODIUM CONTENT
Sodium carbonate salinization of soils in the lower Ili Valley. A. A. Litvinova. Izv. AN Kazakh. SSR Ser. bot. i pochv. no. 2:56-63 '61.

SOKOL REGION (KAZAKHSTAN)—MINING ENGINEERING
Experimental testing of a variant of the panel caving system with ore breaking in the haulageways of the mine named in honor of the 40th Anniversary of the All-Union Lenin's Young Communist League. K. G. Galimzhanov, V. A. Isakov, IU. I. Mal'chenko. Izv AN Kazakh. SSR, Ser. gor. dela no. 1;18-24 '61.

SOL'-ILETSK DISTRICT—RESTAURANTS, LUNCHROOMS, ETC.
Three years later. N. Belashov. Sov. potreb. koop. 6 no. 2;33-35 F '62.

SOLAR HEATING
Economic effectiveness of solar apparatus. A. V. Anikin, O. N. Erpyleva. Trudy Fiz. -tekh. inst. AN Turk. SSR 7;125-142 '61.

SOLAR RADIATION
(see also subdivision under Moldavia, Ukraine, Zeminyi Island)
Apparatus for observing increased solar radiation in the 15-90 Mc range A K Markeev Geomag i aer 1 no 6 999-1001 N-D '61
Hypothesis of the cone of avoidance in the problem of the origin of corpuscular streams [with summary in English] E R Mustel'. Astron zhur. 39 no. 1 11-17 Ja-F '62
Improving the accuracy of determining total radiation from cloud observations N I Golina. Trudy Ukr NIGMI no 26 3-13 '61
[Investigation of the upper atmosphere by the use of rockets and satellites, solar short-wave and corpuscular radiations and their effect on the upper atmosphere of the earth. Translated from the English. Preface by G. S. Ivanov-Kholodnyi] Issledovaniia verkhnei atmosfery s pomoshch'iu raket i sputnikov; korotkovolnovoe i korpuskuliarnoe izluchenila solnlsa i ikh vozdeistvie na verkhniuiu atmosferu Zemli, sbornik statei. Moskva, Izd-vo inostr. lit-ry, 1961. 171 p.
Nature of high-energy solar particles G. M Minasian Geomag i aer 1 no 6 933-935 N-D '61
Origin of the slowly varying component of solar radio emission [with summary in English]. V. V. Zheleznyakov Astron zhur 39 no 1:5-14 Ja-F '62.
Preliminary results of studying the roentgen radiation from the sun by means of rockets and spaceships. B. N. Vasil'ev and others. Dokl AN SSSR 140 no 5: 1058-1061 O '61
Relation between Class 3 and 3+ chromosphere flares and geomagnetic disturbances. V P Kuleshova. Geomag i aer. 1 no 6 930-932 N-D '61
Small cosmic-ray flares during magnetically quiet and disturbed days connected with type II and III solar radiobursts L I Dorman, E. V. Kolomeets. Geomag i aer 1 no. 6 1015-1016 N-D '61
Spectrum of type IV radiobursts E. I Mogilevskii, G. T. Akin'ian. Geomag i aer 1 no. 6 921-929 N-D '61
Universal formula for calculating total radiation. M. S. Averkiev. Meteor i gidrol no. 2:27-30 F '62

SOLAR RADIATION—PHYSIOLOGICAL EFFECT
Relative lymphocytosis and solar activity. N. A. Shul'ts. Terap. arkh. no 7,97-99 '61

SOLAR SYSTEM
Solar action on the physical processes on other members of the solar system. M. S. Eigenson. Tsb Astron obser. L'viv. Un. no. 29 43-47 '55.

SOLAR WATER HEATERS see subdivision under Ukraine

SOLDIERS
Kochetkov, A. [Light from atop the hill] Svet s vershiny. Moskva, Voen. izd-vo M-va oborony SSSR, 1961. 56 p.

SOLDIERS—EDUCATION, NONMILITARY
Book lovers. Voen vest. 11 no. 10 26-27 O '61

SOLDIERS IN LITERATURE
The best servicemen of the Soviet Armed Forces. V. Kozmenov. Komm. Vooruzh. Sil 2 no. 5 88-93 Mr '62
"Inquisitive, skillful" by A Kiselev. Reviewed by V Sverlov. Starsh. -serzh no 10 33 O '61

SOLID GEOMETRY see Geometry, Solid

SOLID SOLUTIONS see Solutions, Solid

SOLIDS
Crystal lattice energy and the reactivity of solids M M Pavliuchenko Dokl. AN SSSR 143 no 1 153-155 Mr '62
Ultrasonic method for the determination of the elastic constants of solids. N V. Rupp. Zav lab 28 no 1: 66-68 '62.

SOLIDS—THERMAL PROPERTIES
Method of measuring the blackness factor of solids under temperatures ranging from 100°C to 500°C. S. G. Agababov. Teploenergetika 9 no. 3;71-72 Mr '62.

SOLIFLUCTION see subdivision under Yessey Lake region

SOLOMENNOYE—SAWMILLS—FIRES AND FIRE PREVENTION
The commander was in the front line. N. Platonov. Pozh delo 8 no. 2 17-18 F '62.

SOLONETZ SOILS
Growing shelterbelts on Solonetz and Solonetz-type soils L. T. Zemlianitskii. Sbor rab VNIALMI no 31 5-71 '60.

SOLOV'EV, VIACHESLAV KAPITONOVICH, d. 1961.
Viacheslav Kapitonovich Solov'ev; obituary. Sov. geol. 5 no. 1;185 Ja '62

SOLUBILITY
Effect of benzene solubilization on the catalytic properties of pepsin. V. A. Pchelin, V. N. Izmailova, G. P. Boltshova. Dokl. AN SSSR 142 no. 4:950-953 F '62.

SOLUBILITY (Continued)

Effect of salt admixtures on the solubility and the speed of alumina solution in cryolite melts. L. A. Firsanova, A. I. Beliaev. Izv. vys. ucheb. zav., tsvet. met. 5 no. 1 77-81 '62

Investigating certain properties of the system $TiCl_4$ - AlC_3 - $FeCl_3$. N. K. Druzhinina. Titan i ego splavy no. 5:225-232 '61.

Solubility of calcium sulfide in calcium oxide - magnesium oxide - silica melts. A. S. Panov, I. S. Kulikov, L. M. TSylev. Izv. AN SSSR, Otd. tekh. nauk. Met. i topl. no. 1: 42-45 Ja-F '62.

SOLUTION (CHEMISTRY)

Calculation of the activity of hydrocarbon and other solutions according to the thermodynamic properties of pure components based on ultrasonic data. A. P. Grishin. Izv. vys. ucheb. zav., neft' i gaz 4 no. 5:111-116 '61

Control and regulation of the concentration of salt solutions. A. Bol'shakov, N. Shcherbatykh. Mias. ind. SSSR 32 no. 6 17-18 '61

Discussion of V. L. Levshin's report "Migration of energy in solutions and the association theory of the quenching of luminescence." L. A. Ignat'eva. Izv. AN SSSR. Ser. fiz. 26 no. 1 52 Ja '62.

Migration of energy in solutions and the association theory of the quenching of luminescence. V. L. Levshin. Izv. AN SSSR. Ser. fiz. 26 no. 1:43-51 Ja '62.

SOLUTION (CHEMISTRY)—TESTING

Investigating the decarburizing action of a high-temperature salt bath. F. A. Smol'nikov. Metalloved. i term. obr. met. no. 7 49-56 Mr '62

SOLUTIONS, SOLID

Anomalous scattering of X rays by a crystal of a supersaturated solid solution of copper in aluminum (AlCu). G. V. Kurdiumov, M. M. Vasilevskaia. Dokl. AN SSSR 143 no. 1 87-89 Mr '62

Problem of measuring the decomposition voltage of solid electrolyte solutions. S. F. Pal'guev, S. V. Karpachev, L. D. Ushkina. Trudy Inst. elektrokhim. UFAN SSSR no. 1, 105-110 '60

Studying the structure of a solid solution, taking the conditions of crystallization and heat treatment into account. M. I. Zakharova, N. A. Khatunova. Izv. AN SSSR. Ser. fiz. 26 no. 3:345-348 Mr '62

SOLVENTS

Luminescence of some solvents. K. A. Kovyrzina, I. M. Rozman. Opt. i spektr. 12 no. 2:248-253 F '62.

Selecting a solvent for extracting alkaloids from the herb Thermopsis [with summary in English]. A. L. Dedneva. Apt. delo 10 no. 6, 19-24 N-D '61.

Swelling of compatible polymers in low molecular weight solvents. V. I. Alekseenko. Plast. massy no. 2:5-10 '62.

SOMALIA—ECONOMIC CONDITIONS

Somalian statesmen on the problems of their country. Nov. vrem. 20 no. 12 11-12 Mr '62.

SOMALIA—POLITICS AND GOVERNMENT

Somalian statesmen on the problems of their country. Nov. vrem. 20 no. 12 11-12 Mr '62.

SOMALIA—SOCIAL LIFE AND CUSTOMS

Habò from the Issa tribe. V. Druzhinin. Vokrug sveta no. 3:20-22 Mr '61.

SOMATOLOGY

Agglutinogens of the ABO isoserological system in human fossil remains. G. A. Preisman. Vop. antr. no. 5:58-66 '60.

Determining the components of the human body. I. Brozek. Vop. antr. no. 5:31-57 '60.

"Manual of physical anthropology" [in Spanish] by Juan Comas. Reviewed by V. V. Bunak. Vop. antr. no. 6:147-148 '61

SONAR

The training area is a combat post. V. Kosholev. Starsh.-serzh. no. 11 21 O[i. e. N] '61.

SONAR IN FISHING

Use of hydroacoustical apparatus in aimed trawling. G. P. Petrov. Trudy BaltNIRO no. 7:156-160 '61.

SOOT

Precipitation of soot carbon in flame furnaces for non-oxidizing heating. A. I. Vashchenko, A. E. Lifshits. Izv. vys. ucheb. zav., chern. met. 5 no. 1:198-203 '62

Trapping of the soot from the flue gases of boiler furnaces. N. F. Dergachev. Energetik 10 no. 3:33-34 Mr '62.

SORPTION

Adsorption of phytopathogenic viruses on "molecular" sorbents [with summary in English]. I. G. Atabekov, V. K. Novikov. Vop. virus. 6 no. 6:673-678 N-D '61.

Using the high-frequency electric conductivity method in studying sorption characteristics of irradiated proteins. V. K. Tkach, L. A. Frenkel'. Radiobiologiia 1 no. 6:824-829 '61.

SORTAVALA DISTRICT—SAVINGS BANKS

Following the example of Rostov workers. P. Melent'ev. Fin. SSSR 23 no. 2:70-71 F '62.

SOUND—RECORDING AND REPRODUCING

MEZ-16A mixing amplifier. A. S. Fridman. Tekh. kino i telev. 6 no. 2 53-57 F '62

SOUNDING AND SOUNDINGS

Device for the determination of dangerous depths. A. Astapov. Mor. flot 22 no. 3 21 Mr '62

SOUNDPROOFING MATERIALS see Acoustical materials

SOUPS

Specification of ingredients is needed. G. Lovacheva, S. Kunitsina. Obshchestv. pit. no. 11 23 N '61

SOUTH AFRICA, REPUBLIC OF—DESCRIPTION AND TRAVEL

At the mouth of the Buffalo River, travel notes. Nikola Makkar. Nov. vrem. 20 no. 12 26-28 Mr '62.

SOUTH AFRICA, REPUBLIC OF—HINDUS—LEGAL STATUS, LAWS, ETC.

Racial discrimination against Indians in the Republic of South Africa. D. Mukhamedova. Obshchestv. nauki v Uz. no. 3, 57-61 '61.

SOUTH AFRICA, REPUBLIC OF—MINE VENTILATION

Ventilation and air conditioning in South African mines. D. D. Dmitriev. Bezop. truda v prom. 6 no. 2:33-34 F '62.

SOUTH AFRICA, REPUBLIC OF—RACE DISCRIMINATION

At the mouth of the Buffalo River, travel notes. Nikola Makkar. Nov. vrem. 20 no. 12 26-28 Mr '62

SOUTH AFRICA, REPUBLIC OF—RACE QUESTION

Appeal to Christians in South Africa. Zhur. Mosk. Patr. no. 1 54-56 Ja '62.

SOUTH AFRICA, REPUBLIC OF—SOCIAL CONDITIONS

"The law of the vultures" by Phyllis Altman. Reviewed by V. Sergeev. Vokrug sveta no. 3:62-63 Mr '61.

SOUTH KAZAKHSTAN ECONOMIC REGION—COTTON GROWING

Both cotton and meat. B. Sadvakasov. Part. zhizn' Kazakh. 32 no. 2:28-33 F '62

SOUTH KAZAKHSTAN ECONOMIC REGION—MACHINERY INDUSTRY

Some problems in specialization and cooperation. F. Vetrov. Nar. khoz. Kazakh. 19 no. 12, 28-32 D '61.

SOUTH KAZAKHSTAN ECONOMIC REGION—STOCK AND STOCKBREEDING

Both cotton and meat. B. Sadvakasov. Part. zhizn' Kazakh. 32 no. 2:28-33 F '62.

SOUTH KAZAKHSTAN PROVINCE—ANTIQUITIES

Some archaeological observations south of the Syr-Darya in southern Kazakhstan. P. A. Gomolitskii. Trudy TashGU no. 172:201-206 '60

SOUTH KAZAKHSTAN PROVINCE—COTTON GROWING

Hidden potentialities of cotton growing. Sh. Mukhiseullin. Nar. khoz. Kazakh. 19 no. 12:63-66 D '61.

SOUTH KAZAKHSTAN PROVINCE—SHAFTING

How business accounting benefits the plant. L. Nekrasova. Nar. khoz. Kazakh. 20 no. 1:48-53 Ja '62.

SOUTH KOREA see Korea, South

SOUTH OSSETIA see Ossetia, South

SOVETSKIY DISTRICT (ROSTOV PROVINCE)—COLLECTIVE FARMS—AUDITING AND INSPECTION

Who is going to guide auditing work. G. S. Gotsuliak. Uchet. i fin. v kolkhoz. i sovkhoz. 19 no. 2:54-56 F '62

SOVIET BLOC see Communist Countries

SOVIET CENTRAL ASIA—ANTHROPOLOGY

Racial types of the population of Central Asia during the Aeneolithic and Bronze periods. T. A. Trofimova. Krat. soob. Inst. etn. no. 38:83-94 '62.

SOVIET CENTRAL ASIA—DESCRIPTION AND TRAVEL

Central Asia close-up. J. Myrdal, G. Kessle. As. i Afr. segodnia no. 2:29-30 F '62.

"Under the sky of ancient deserts" by V. Shneiderov. Reviewed by V. Dolin. Sem'ia i shkola 17 no. 3 44 Mr '62.

SOVIET CENTRAL ASIA—GLACIERS

Secular dynamics of glacier recession in the present glaciation of Kazakhstan and Central Asia. P. A. Cherkasov. Vest. AN Kazakh. SSR 18 no. 1:28-37 Ja '62.

SOVIET CENTRAL ASIA—HISTORY

Influence of the annexation of Central Asia to Russia on contiguous Eastern countries (Iran). B. Mannanov. Nauch. rab. i soob. Otd. obshchestv. nauk AN Uz SSR 2: 214-225 '61.

SOVIET CENTRAL ASIA—HISTORY—SOURCES

Georgian sources on the medieval history of Central Asia. G. A. Mikhalova. Obshchestv. nauki v Uz. no. 2: 57-58 '61.

SOVIET CENTRAL ASIA—HYDROMETEOROLOGY

Hydrometeorological study of mountain regions. I. A. Il'in. Meteor. i gidrol. no. 2 46-47 F '62

SOVIET CENTRAL ASIA—MICROPALEONTOLOGY

Colloquium on the microfauna of Maikop sediments and their analogues in the Ukraine and Central Asia. I. V. Venglins'kyi. Geol. zhur. 22 no. 1:114-115 '62

SOVIET CENTRAL ASIA—MINE VENTILATION

Ventilation of mines in high mountainous areas. K. D. Timotievich. Sbor. trud. Inst. gor. dela AN URSR no. 8 132-137 '61

SOVIET CENTRAL ASIA—OIL SANDS

Possibility of oil formation in continental sediments. V. V. Veber. Geol. nefti i gaza 6 no. 2:27-31 F '62

SOVIET CENTRAL ASIA—PLAGUE—PREVENTION

Siege. E. Dubrovskii. Vokrug sveta no. 2:14-16 F '62.

SOVIET CENTRAL ASIA—RELATIONS (GENERAL) WITH TURKEY

Central Asia and Turkey during the liberation struggle of the Turkish people against the intervention of the Entente. A. Kh. Babakhodzhaev. Obshchestv. nauki v Uz. no. 12 20-29 '61

SOVIET CENTRAL ASIA—REVOLUTION, 1917-1921

Babakhodzhaev, A. Kh. [Bankruptcy of English policy in Central Asia and the Middle East; 1918-1924] Proval angliiskoi politiki v Srednei Azii i na Srednem Vostoke, 1918-1924. Moskva, Izd-vo Vostochnoi lit-ry, 1962. 167 p.

SOVIET CENTRAL ASIA—SOIL MICRO-ORGANISMS

Studies on antagonistic fungi inhabiting the soils of alpine plant formations of Central Asia [with summary in English]. Z. E. Bekker and others. Bot. zhur. 46 no. 11:1627-1637 N '61.

SOVIET CENTRAL ASIA—WATER RESOURCES DEVELOPMENT

Attacking the great desert. Iu. Polkovnikov. Vokrug sveta no. 2, 22-25 F '62.

SOVIET CENTRAL ASIA—WOMEN

Pal'vanova, B. P. [Daughters of the Soviet East] Docheri Sovetskogo Vostoka. Moskva, Gos. izd-vo polit. lit-ry, 1961. 172 p.

SOVIET FAR EAST—AGRICULTURE

Soveshchanie rabotnikov sel'skogo khoziaistva Dal'nego Vostoka i IAkutskoi ASSR, Khabarovsk, 1961. [Put the resources of the land in the service of our country] Bogatstva zemli - na sluzhbu Rodine; materialy. Moskva, Izd-vo M-va sel'. khoz. RSFSR, 1962. 131 p. (DA)

SOVIET FAR EAST—CARP

Expediency of acclimatizing the Chinese perch (Siniperca chua-tsi) and Erythroculter erythropterus in waters of the European part of the U. S. S. R. T. L. Kovalik. Ryb. khoz. 38 no. 2:19-23 '62.

SOVIET FAR EAST—GEOLOGY, STRATIGRAPHIC

Sequence and age of ancient formations in the Soviet Far East and adjacent regions of North China. IU. A. Khodak. Sov. geol. 4 no. 12:96-106 D '61

SOVIET FAR EAST—PINE

Shimaniuk, A. P. [Pine forests of Siberia and the Far East, silvicultural characteristics] Sosnovye lesa Sibiri i Dal'nego Vostoka; lesovodstvennaia kharakteristika. Moskva, Izd-vo Akad. nauk SSSR, 1962. 186 p.

SOVIET FAR EAST—REVOLUTION, 1917-1921

The victorious battle of Volochayevka. Voen.-ist. zhur. 4 no. 2 127 F '62

SOVIET FAR EAST—SEA

Expediency of acclimati
chua-tsi[illegible]
the Eur
kh

SOV

SC

SOVIETS (Continued)
Should we approve the position of our chairman? Sov. deput. trud. no. 2:98-100 F '62
Soviets, democracy, and self-government. M. Piskotin, B. Lazarev, D. Gaidukov. Kommunist 38 no 4:13-24 Mr '62.
"Standing committees of the local soviets of workers' deputies" by IU. V. Todorskii. Reviewed by G. S. Merkurov. Sov. gos i pravo no 2:136-136 F '62
We were informed. Sov. deput. trud. no. 2:63 F '62.
When a representative of the Soviet people makes an inquiry. D. Bakhrakh. Sov. deput. trud. no 2:53-56 F '62.

SOVINSKII, VASILII KARLOVICH, 1853-1917
Life and work of the zoologist V. K. Sovinskii. B. N. Mazurmovich Trudy Inst. ist est i tekh. 41 237-256 '61

SOWING
Effect of different sowing times and types on the dynamics of carotene accumulation in some forage crops [in Azerbaijani with summary in Russian] A. M. Mamedov Dokl. AN Azerb. SSR 17 no 11.1073-1076 '61.

SOY-BEAN OIL
Total synthesis of soya-bean oil triglycerides. G. A. Serebrennikova and others. Dokl. AN SSSR 140 no. 5:1083-1086 O '61.

SPACE BIOLOGY
Life in space. A. I. Oparin. Mir nauki 5 no 4 2-6 '61.

SPACE FLIGHT
Dmukhin, L. A., and V. G. Litvinenko, [Radio electronics and flights into outer space] Polety v kosmos i radioelektronika. Moskva, Izd-vo "Znanie," 1962, 45 p. (Vsesoiuznoe obshcheatvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 0, Fizika i khimiia, no. 24)
In connection with Glenn's flight Nov. vrem 20 no 10 2-3 Mr '62
Kucherov, N. I. [Intrusion into space] Vtorzhenie v kosmos. Leningrad, Ob-vo po rasprostraneniiu polit. i nauchnykh znanii RSFSR, 1961. 47 p.
A trip to the stars. Vokrug sveta no. 5:4-5 My '61.

SPACE FLIGHT—JUVENILE LITERATURE
Borozdin, V. P. [Bellanka and Pestraia in a rocket] Bellanka i Pestraia v rakete. Moskva, Gos. izd-vo detskoi lit-ry M-va prosv. RSFSR, 1961 30 p.

SPACE FLIGHT IN LITERATURE
A "doomsday" in outer space; a sociologist's notes on present-day science fiction in the West [with summary in English, p 106] R. A. Arab-Ogly. Vop filos. 16 no. 1:103-119 '62.

SPACE FLIGHT TO VENUS
The course lies toward the "Morning star." Vokrug sveta no. 4:1 Ap '61.

SPACE FLIGHT TRAINING
Physical training for the astronaut. L. V. Chkhaidze. Teor. i prak. fiz. kul't. 24 no. 12:907-908 '61.

SPACE LAW
Outer space, national security, and international law. F. B Schick. Mezhdunar. zhizn' 9 no. 3:76-82 Mr '62
Peaceful cooperation in outer space. E. Korovin. Mezhdunar. zhizn' 9 no. 3 82-85 Mr '62.

SPACE MEDICINE
Space flights and the danger of radiation. I. A. Savenko, N. F. Pinaenko, P. I. Shavrin. Priroda 51 no 2:40-43 F '62.
Weightlessness. O. F. Makarchenko, V. I. Danyleiko. Nauka i zhyttia 11 no 12:12-14 D '61.

SPACE PERCEPTION
Special characteristics of orienting and exploratory activity in the process of visual perception of space in preschool children. Z. M. Boguslavskaia. Dokl. APN S no. 3:51-56 '61.

SPACE RESEARCH
Address, the moon! O. Bolgorodskyi. Nauka i zhyttia 11 46-47 Ja '62.

SPACE SCIENCES
Borisov, V., and O. Gorlov. [Life and outer space] Zhizn' i kosmos. Moskva, Izd-vo "Sovetskaia Rossiia," 1961 105 p.

SPACE SCIENCES—STUDY AND TEACHING
Acquainting students with the achievements in space research. P. Karnitskii. Nar. obr. no. 3:58-60 Mr '62.

SPACE VEHICLES—PROPULSION SYSTEMS see subdivision under United States

SPACE WARFARE see subdivision under United States

SPACES, GENERALIZED
Best net and best section of a set in normalized space. A. L. Garkavi. Izv. AN SSSR. Ser. mat., 26 no. 1:87-106 Ja-F '62.
Bounded homogeneous region in n-dimensional complex space I. I. Piatetskii-Shapiro Izv AN SSSR Ser. mat 26 no 1 107-124 Ja-F '62
Semigroup of operators in Frechet space. I. Mate. Dokl AN SSSR 142 no 6 1247-1250 F '62

SPACESHIPS
Preliminary results of studying the roentgen radiation from the sun by means of rockets and spaceships. B. N. Vasil'ev and others Dokl AN SSSR 140 no. 5 1058-1061 O '61.

SPAIN—BENEFICES, ECCLESIASTICAL
Development of feudal relations in Gothic Spain, the origin of the benefice system [with summary in French] A. R. Korsunskii Sred veka no 19 32-52 '61

SPAIN—CIVIL WAR, 1936-1939
How the Spanish Navy fought for the Spanish Republic N. Kuznetsov Voen -ist zhur 4 no 3 53-72 Mr '62

SPAIN—COMMERCIAL POLICY
A memorial by the Spanish economist Luis Ortiz and the origin of the idea of protectionism in Spain during the 16th century [with summary in French] E. E. Litavrina Sred veka no 19 142-159 '61

SPAIN—ECONOMIC POLICY
A memorial by the Spanish economist Luis Ortiz and the origin of the idea of protectionism in Spain during the 16th century [with summary in French] E. E. Litavrina Sred veka no 19 142-159 '61.

SPAIN—LAND TENURE
Development of feudal relations in Gothic Spain; the origin of the benefice system [with summary in French]. A. R. Korsunskii. Sred. veka no. 19 32-52 '61

SPANISH AMERICA see Latin America

SPARK-EROSION MACHINING see Electric metal cutting

SPARK PLUGS—TESTING
Portable device for testing spark plugs. N. K. Dudikov. Avt. prom. 28 no. 1 46-47 Ja '62.

SPARROWS
Harmfulness and usefulness of house sparrows. A. I. Il'enko. Priroda 51 no 2,111-112 F '62.

SPASMS
Reflex torsion spasm in a patient with brucellosis. A. V. Feizullaev, S. S. Imanova. Azerb. med. zhur no 11 53-56 N '61.

SPECIFIC HEAT see Heat capacity

SPECTROGRAPH
Apparatus for observing increased solar radiation in the 45-90 Mc range. A. K Markeev Geomag. i aer. 1 no. 6.999-1004 N-D '61.
Using silicon as a crystal analyzer in a high-resolution spectrograph. E. P. Domashevskaia. Izv AN SSSR, Ser fiz. 26 no. 3:395-396 Mr '62.

SPECTROMETER
Multipurpose spectrometer of nuclear magnetic resonance. V. A. Afanas'ev and others. Zav lab 28 no 1 102-103 '62.

SPECTROMETRY
Some misinterpretation of results in Fourier-spectrometry. B. A. Kiselev, P. F Parshin. Opt i spektr. 12 no. 2:311-317 F '62.

SPECTROPHOTOMETRY
Quantitative determination of small concentrations of 3,4-benzopyrene by means of the thin structure of a fluorescence spectrum [with summary in English]. P. P. Dikun. Vop. onk. 7 no.7.42-53 '61.
Spectral characteristics of vitamins B_1 and B_2 N. P. Ivanov, G. K Il'ich Lab delo 8 no. 2 24-27 F '62.
Spectrographic method of determining magnesium in the blood. M. V. Nifontova. Lab delo 8 no. 2 27-30 F '62.
Spectrophotometric analysis of mixtures of ethyltoluene isomers [with summary in English]. I. N. Dilarov, M. S. Pevzner. Zhur. anal. khim. 17 no. 1:102-104 Ja-F '62.
Use of photoelectrocolorimeters with optical compensation in the differential method of spectrophotometry [with summary in English]. V. F. Barkovskii, I. N. Vlorygina. Zhur. anal. khim. 17 no. 1:39-42 Ja-F '62

SPECTRUM, INFRARED
Infrared spectra of Chinese coals. T. A. Kukharenko, TSzian Bin-tsiun [Chiang Ping-chiung]. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 1:180-183 Ja-F '62.

SPECTRUM ANALYSIS
Absorption spectroscopy of human cerebrospinal fluid in the ultraviolet spectrum [with summary in French]. V. A. Del'va. Zhur. nevr. i psikh. 61 no. 6.829-832 '61.
Analytical possibilities of a gas discharge tube with an a. c. fed twin hollow cathode [with summary in English]. N. P. Ivanov. Zhur. anal. khim. 17 no. 1:126-128 Ja-F '62.
Chemical characteristics of third and second millenium B. C. knives, awls and beads from several finds in the forested steppe of Eastern Europe I. R. Sellinkhanov Sov. arkheol 6 no 1 57-65 '62.
Dependence of the intensity of spectral lines on the mean evaporation rate of a substance. A. I. Chernenko. Opt. i spektr. 12 no. 2:330-332 F '62.
Determining the true contour of spectral distribution from the observed one using Fourier series B. N. Grechushnikov. Opt. i spektr 12 no. 1:135-136 Ja '62.
Distillation of alloys during spectrum analysis. N. A Makulov Trudy Giprotsvetmetobrabotka no 20 316-345 '61
From the editor Zav. lab 28 no. 1 34-35 '62.
Increasing the sensitivity of the spectral analysis of pure luminophors. L. IA Khlebnikova, V. N Vasil'eva, L. A Dvorzhetskaia Zav lab 28 no. 1 45-46 '62.
Konstantinova-Shlezinger, M. A. [Luminescence analysis] Luminestsentnyi analiz. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 399 p. (Fizika i tekhnika spektral'nogo analiza. Biblioteka inzhenera)
One of the proofs of the hypothesis on the static effect of the π-π-conjugation, based on an mechanistic understanding of the characteristic frequency. Reply to E. N. Prilezhaeva by M. I. Batuev Zhur. ob. khim 32 no. 2:665-669 F '62.
"Practical manual on spectral analysis" by V. S. Burakov, A. A. IAnkovskii Reviewed by L. N Filimonov Zav lab. 28 no 1 128 '62
Processes occurring on metal electrodes of an alternating current arc are a source of light for spectra analyses. N. A Makulov Trudy Giprotsvetmetobrabotka no 20 346-375 '61.
Spectral study of the luminescence of malignant tumors. A. V Kariakin Izv AN SSSR Ser fiz. 26 no. 1 94-99 Ja '62.
Use of semiquantitative spectrum analysis for some geochemical deductions. IU. N Kapkov. Zap LGI 39 no. 2:119-123 '61.
Using the method of moments for describing the spectral bands in complex systems. B. I Stepanov, L. P Kazachenko. Opt. i spektr. 12 no 1:131-133 Ja '62

SPECTRUM ANALYSIS—CONGRESSES
Fourteenth conference on spectroscopy. M. M. Kusakov. Neftekhimiia 1 no. 5:710-721 S-O '61.
Information on the work of the Commission for Molecular Structure and Spectroscopy of the International Union of Pure and Applied Chemistry Opt. i spektr 12 no. 1:150-151 Ja '62.
Work of the Triple Commission for Spectroscopy. Opt i spektr. 12 no. 1:148-150 Ja '62.

SPEECH
Correlation between phonation and respiration in esophageal speech. Karel Vrtička. Vest. otor in. no 2 54-58 '62.
Effect of dental prostheses on the improvement of speech Z. F. Vasilevskaia. Probl. stom. 5:342-352 '60.
Study of the characteristics of the speech process using a dynamic spektrograph T. E. Zaitsev. Elektrosviaz' 16 no 1 3-12 Ja '62.

SPEECH, DISORDERS OF
Electromyographic observations in the study of the pathology of speech. G. P. Platonova. Vop psikh. no. 4:330-337 '60.
Rehabilitation of speech in brain disorders. Report No 3. Rehabilitation of speech in motor aphasia L. S TSvetkova. Dokl. APN S no. 2:119-122 '61.

SPEECH THERAPY
Speech as a therapeutic factor and as a source of iatrogenic diseases. S. A. Khar'kov. Med. sestra 20 no 11 35-37 N '61.

SPEEDOMETERS
Contact-recording system for the "Tellok" speedometer. M. G. Kiselev. Elek i tepl. tiaga 6 no. 2:31-33 F '62.

SPERMATOGENESIS IN ANIMALS
Histochemical reaction for polysaccharides in studying disorders of spermatogenesis. I. A Chalisov, T. N. Khavkin. Dokl AN SSSR 143 no. 1 214-217 Mr '62

SPHYGMOGRAPH
Device for measuring the velocity of the pulse wave. S. M. Markuse. Kaz. med. zhur. no. 4:108-110 Jl-Ag '61.

SPIDERS
Pseudoperitonitis following the bite of the kara-kurt. A. S. Maklumudov. Med. zhur. Uzb. no. 6:42-43 Je '60.

SPILLWAYS
Biliashevs'kyi, M. M., M. H. Pyvovar, and O. IA. Oliinyk. [Calculating the conjugation of head and tail waters and the strengthening of the bottom below spillway dams] Rozrakhunky sprinzhennia b'iefiv i kriplen' dna za vodozlyvnymy hrebliamy. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 166 p.
Some problems of the pulsation of pressure beyond a dipper-shaped spillway. I. M. Georgiev. Izv. vyz. ucheb. zav, jstroi. i arkhit. 4 no. 6:58-67 '61.

SPINA BIFIDA
Late results of the operative treatment of myelocele. K. L. Dreier Vest khir no. 2:62-64 '62

SPINAL ANESTHESIA
Evaluation of the method of "high" peridural anesthesia. E. D Kostin. Vest khir no 7:99-104 '62.
Fortieth anniversary of the use of peridural anesthesia. I. N. Markov Vest khir. no 2 92-98 '62
Potentiated cerebrospinal anesthesia. N. I. Obolentsev Nov. khir. arkh no 1:87-95 Ja-F '60.

SPINAL CORD
Biopotentials of the human spinal cord in a normal state and under pathological conditions [with summary in English]. M. B. Shtark. Fiziol. zhur [Ukr.] 8 no 1: 120-127 Ja-F '62
Nature and functional significance of the electrotonic potential of the dorsal root of the spinal cord J C Eccles, P. G. Kostyuk, R F. Schmidt Fiziol. zhur [Ukr.] 8 no. 1:21-37 Ja-F '62

SPINAL CORD—BLOOD VESSELS
Vagal innervation of blood vessels of the spinal cord. P. A. Motavkin. Dokl AN SSSR 142 no 5:1160-1171 F '62.

SPINAL CORD—CANCER
Metastatic cancer of extramedullary localization [with summary in French]. D I Panfilov. Zhur nevr i psikh 61 no. 11:1630-1643 '61
Micrometastatic cancers in the spinal cord simulating Duchenne-Aran spinal amyotrophia [with summary in French]. M. N Klingman, V. D. Kulinka. Zhur. nevr i psikh 61 no. 11 1630-1635 '61.

SPINAL CORD—INFLAMMATION see subdivision under Azerbaijan

SPINAL CORD—RADIOGRAPHY
Change in the myelogram in rabbits after the administration of tetracyclines [with summary in English]. A. M. Dumova. Antibiotiki 7 no 1:47-50 Ja '62.

SPINAL CORD—SURGERY
Effect of Filatov's biogenic stimulator on the restoration of stomach function after sectioning of the anterior half of the spinal cord R. O. Barsegian. Fiziol zhur 48 no. 1:76-81 Ja '62.
Ugriumov, V. M. [Injuries of the spine and spinal cord and their surgical treatment] Povrezhdeniia pozvonochnika i spinnogo mozga i ikh khirurgicheskoe lechenie. Moskva, Medgiz, 1961 246 p. (DNLM)

SPINAL CORD—TUMORS
Dynamics of tumors of the spinal cord [with summary in French]. Z. M. Saineva Zhur. nevr i psikh 61 no. 11: 1656-1662 '61.
Reticulosarcomatosis with disorder of the brain and spinal cord. G. A Galit-Ogly, K K Poroshin. Zhur nevr i psikh 61 no. 11 1655-1657 '61.

SPINAL CORD—WOUNDS AND INJURIES
Sorting and extent of specialized care for patients with injuries of the spine and spinal cord V. I. Grebeniuk. Voen. -med. zhur. no. 8:25-29 Ag '61

SPINDLES (MACHINE TOOLS)
Electric spindles on air-lubricated bearings and their operation. S. A. Sheinberg. Stan i instr. 33 no. 3: 7-11 Mr '62

SPINE
Development of the spinal column during the human embryonic period. N. V. Popova-Latkina. Vop. anat. no. 6:21-29 '61.

SPINE—ABNORMITIES AND DEFORMITIES
Spontaneous childbirth in kyphosis. L. A. Kozlov, I. F. Poliakov. Kaz. med. zhur. no. 4:78-79 Jl-Ag '61.

SPINE—INNERVATION
Characteristics of the structure of gemmules in the spine and medulla oblongata [with summary in English]. G. P. Zhukova. Arkh. anat. gist. i embr. 41 no. 7:58-64 Jl '61.

SPINE—TUBERCULOSIS
Aneurysm of the aorta and its perforation in tuberculous spondylitis. V. T. Svirinkin, E. N. Varfolomeeva. Probl tub. no. 2:101-102 '62.
Method for the tomographic study of the spine in tuberculous spondylitis. P. L. Zharkov. Vest. rent. i rad. 36 no. 6:57-58 N-D '61.
Some characteristics of the surgical treatment of thoracolumbar tuberculous spondylitis complicated by draining abscesses. IA. B. IUdin. Khirurgiia no. 2:112-115 '62.

SPINE—WOUNDS AND INJURIES
Birth injury to the fetal spine; survey of the literature [with summary in English] A. F. Guzov. Arkh. pat. no. 2:13-19 '62.
Sorting and extent of specialized care for patients with injuries of the spine and spinal cord. V. I. Grebeniuk. Voen. -med. zhur. no. 8:25-29 Ag '61.
Ugriumov, V. M. [Injuries of the spine and spinal cord and their surgical treatment] Povrezhdeniia pozvonochnika i spinnogo mozga i ikh khirurgicheskoe lechenie. Moskva, Medgiz, 1961. 246 p. (DNLM)

SPINEL
(see also subdivision under Ural Mountains; Yakutia)
Cation distribution in multicomponent spinel. A N Men', Fiz. tver. tela 4 no 1:14-21 Ja '62

SPINNING
Correct analysis of yarn breakage on spinning spindles. D. A Shvartsman, V. A. Skorodumova, P. S. Zavilna. Tekst. prom 21 no 6:1-8 Je '61
Determining the breakage per length unit in the spinning industry M. F. Belov. Tekst. prom. 21 no. 6:28-31 Je '61
Effect of yarn twisting on the properties of sewing twist. B. P. Pozdniakov. Tekst prom 22 no 1:30-35 Ja '62.
Some problems of the drafting theory in cases of high drafts and of spinning from the sliver L. N Ginzburg, B. N Feldman. Tekst prom 21 no. 6:25-26 Je '61
Theory of continuous false twisting. M. Konopasek Tekst prom 21 no. 12:22-26 D '61
Usenko, V. A., and L. M. Zabelotskii. [Silk technology] Tekhnologiia shelka. Pod red. V. A. Usenko. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR
Pt. 2. [Silk spinning] Shelkopriadenie. 1961 343 p.

SPINNING MACHINERY
Device for the distribution of roving bobbins on the spinning machine frame. V. D. Gusev. Tekst. prom 21 no. 6:11-13 Je '61
Importance of packings for high- and extra-high drafts. Z. N. Moiseeva. Tekst. prom 21 no. 6,42-43 Je '61
Modernization of ring spinning machines for flax spinning L. N. Kirillov, IU. IU Pekh Tekst. prom. 21 no 6:21-24 Je '61
New twister for twist woolen yarn. N. I. Chuikova, R. S Rabinovich, I. A Vishniak Tekst. prom 21 no 12 27-28 D '61
The PTS-250-15 centrifugal spinning machine. G. M. Gutman. Biul. tekh. -ekon inform no 1:56-57 '62
Using new types of strips for spinning machinery. L. P. Kharlamova, G. E Pronina. Tekst prom 22 no. 1:13-14 Ja '62.

SPINOR ANALYSIS
Approximate γ_5-invariance in the theory of strong interactions A. A Logunov, V A. Meshcheriakov, A N Tavkhelidze. Dokl AN SSSR 142 no 2 317-318 Ja '62

SPIROSCOPY—EQUIPMENT AND SUPPLIES
Automatic selection of the fraction of alveolar air at a given depth of expiration. M. S. Shneider, N. S. Didenko Fiziol. zhur. 48 no. 1:99-103 Ja '62.
Registering the volume of inspired air in man under conditions similar to those of a pressure chamber. A. I. Naumenko, A. P. Matveev Fiziol. zhur. 48 no 1:97-99 Ja '62.

SPITAK—FANS, ELECTRIC
Centrifugal electric fans. Prom. Arm. 4 no. 12:48 D '61.

SPIVAK, P. E.
Awarding of the I. V. Kurchatov Gold Medal to P. E. Spivak. Vest AN SSSR 32 no. 3:85 Mr '62.

SPLEEN
Effect of neurotropic substances and denervation of the spleen on the tissue development of ovarian grafts. IU. N Bordiushkov. Vop. onk 8 no 2 24-28 '62
Effect of neutron radiation on the spleen of white mice. A. F. Ivanitskaia, V. I. Bolkova. Radiobiologiia 1 no. 6: 913-918 '61.
Role of the spleen in changes of the coagulability of the blood circulating through it. M. A. Karaev. Azerb med. zhur. no. 8:22-25 Ag '61.

SPLEEN—DISEASES
Case of subserous venous varicose dilatation of the cardial segment of the stomach simulating a benign tumor in thrombophlebitic splenomegaly. A. I. Muzafarov. Zdrav. Kazakh 21 no. 10:64-66 '61

SPLEEN—HYPERTROPHY AND DILATATION
Change in some kinds of metabolism in splenomegalic cirrhosis of the liver. G. S. Levin. Med. zhur. Uzb. no. 6:46-50 Je '60.
Role of X-ray investigations in the differential diagnosis of splenomegaly of various origins [with summary in English]. E. Z. Novikova. Vest. rent i rad 36 no. 4 31-39 Jl-Ag '61.
State of the coagulation system and fibrinolytic activity of the blood in splenomegaly of varied etiology [with summary in English]. F. A. Efendiev, A. M. Akhundova, M. M. Abdullaev Khirurgiia no 2:3-8 '62.

SPLEEN—INNERVATION
Reaction of some unconditioned interoceptive reflexes as a result of the application of tetracycline at the level of splenic and intestinal interoceptors [with summary in English]. G. G. Popovich and others. Antibiotiki 6 no. 12:1063-1070 D '61.

SPLEEN—RUPTURE
Traumatic rupture of the spleen in combination with severe brain injury G. K. Denisovskii, S. I. Khonskii, A. A. Plavinskii Zdrav. Bel. 7 no. 6:62 Je '61.

SPLEEN—SURGERY
Two cases of splenectomy in Werlhof's disease in children. A. G. Voronin, S. M. IUs'ko, Z. P. Zorina. Nov khir. arkh no 4:96-99 Jl-Ag '60

SPLEEN—TRANSPLANTATION
Influence of the administration of bone marrow and spleen homogenates on the effectiveness of seroprophylaxis in tetanus intoxication in irradiated mice [with summary in English]. D. R. Kaulen. Zhur. mikrobiol., epid. i immun 32 no 9,64-69 S '61.

SPODUMENE see subdivision under Krivoy Rog

SPORADIC E (IONOSPHERE)
The fine structure and motion of the sporadic E layer. N. M Erofeev, O. Ovezgel'dyev Geomag i aer i no 6 942-948 N-D '61

SPOREFORMING BACTERIA see Bacteria, Sporeforming

SPORTS
Compete with the foremost. I. G. Nikolenko. Teor. i prak. fiz. kul't 24 no. 11:826-831 '61
Establishment of the honorary badge of Master of Sports of the U. S. S. R. Teor i prak. fiz. kul't. 24 no. 8:636 '61.
Pioneer games Nar. obr. no. 3 121-122 Mr '62.
Portable device for the automatic recording of achievements in sports. L. I. Kastal'skii. Teor. i prak. fiz. kul't 24 no. 10:787-790 '61.
Sports, a good basis for mutual understanding; results of the work of the "Youth and Sports" Committee of the World Youth Forum. A. A Afanas'ev Teor. i prak. fiz kul't 24 no 10:727-731 '61.
The weak have become strong. Kim Pushkar'ov Ukraina no 5 27-28 Mi '62.

SPORTS—BIOGRAPHY
They grew up without a father G Elenskii Semlia i shkola 17 no 2-28-30 F '62.

SPORTS—ORGANIZATION AND ADMINISTRATION
(see also subdivision under Minsk)
Soiuz sportivnykh obshchestv i organizatsii SSSR. TSentral'nyi sovet. [Unified All-Union sports classification] Edinaia vsesoiuznaia sportivnaia klassifikatsiia. 2. izd. Moskva, Izd-vo "Fizkul'tura i sport," 1961. 197 p.

SPORTS CLUBS see Athletic clubs

SPORTS IN ART
Sports in art Kul't -pros rab 23 no. 1-62-63 Ja '62.

SPORTS MEDICINE
All-Union Medical Society on Medical Control and Curative Physical Culture. A. A. Askerov. Teor. i prak. fiz. kul't. 24 no. 10:798-799 '61.
Dependence of the athlete's condition on the prestart situation and his attitude toward contests. A. S. Egorov. Dokl. APN 5 no. 5,119-122 '61.
Problems of sports medicine as studied in foreign countries, material in "Medicina Sportiva" for 1959. V. K. Dobrovol'skii, K. I. Kholodkovskaia. Teor. i prak fiz. kul't. 24 no. 10:776-777 '61.

SPORTS MEDICINE—CONGRESSES
All-Union Conference on Medical Inspection and Exercise Therapy. A. A. Askerov. Teor. i prak fiz. kul't. 24 no. 8:638-640 '61.

SPORTS OFFICIATING
Measures to improve sports officiating and the training of referees. Teor. i prak. fiz. kul't. 24 no. 8:631-634 '61.

SPOT TESTS (CHEMISTRY)
New method of conducting chemical investigations using spot reactions on ordinary writing paper and black paper. V. IA. Mavrovskaia. Nauch. trudy MPI no. 12: 89-91 '60.

SPRATS
Working out and investigating the process of preparing canned sprat pate. G. N. Kushtalov. Izv. vys. ucheb zav. pishch. tekh. no. 6:88-95 '61.

SPRAYING AND DUSTING EQUIPMENT
Caprone spraying nozzles. A. Shiolashvili. Tekh. v sel'khoz. 22 no. 1 85-86 Ja '62.

SPRINGS
(see also subdivision under Ungra Valley)
Hot breathing of the earth. N. Pokidov. Starsh. -serzh. no 10 22-23 O '61.

SPRINGS—CLASSIFICATION
Classification of springs. M. E. Al'tovskii. Vop. gidrogeol. i inzh. geol. no 19:49-53 '61.

SPRINGS (MECHANISM)
Designing disengaging springs of hydraulically controlled friction clutches. N. IA. Niberg. Stan. i instr. 33 no 1:8-9 Ja '62.
Effect of temper coloring and thermal stabilization on the properties of spring bands. S. I. Doroshek, A M. TSeitlin. Stal' 22 no 2:161-162 F '62.

SPRINGS (MECHANISM)—VIBRATION

Transverse vibrations of cylindrical springs considering longitudinal compression P E Tovstik Issl po uprug i plast. no 1 219-228 '61

Transverse vibrations of noncylindrical springs compressed by axial forces P E Tovstik Issl.po uprug i plast. no 1 229-235 '61.

SPRUCE
(see also subdivision under Brest Province, Voronezh Province)

Effect of the root competition of trees on the assimilating activity of taiga grasses in spruce forests V.G.Karpov. Dokl. AN SSSR 140 no 5 1205-1208 O '61.

SPUTNIKS see Artificial satellites

SQUARE (INSTRUMENT) see Carpenters' square

SQUASH—FERTILIZERS AND MANURES

Experience in using organic-mineral fertilizers in growing marrow squash for feed IU. G. Karlagin Vest sel'khoz nauki [Kazakh.] 4 no. 11 22-27 N '61

SREDINNYY RANGE—GEOLOGY

Some recent data on the geology of the northern part of the Sredinnyy Range of Kamchatka. B A Korzhenevskii Dokl. AN SSSR 142 no 5:1143-1145 F '62

STABILITY OF AIRPLANES

Longitudinal stability of an airplane at high perturbations. IU. A. Val'kov Izv. vys ucheb zav. jav. tekh 4 no 4: 12-21 '61.

Longitudinal stability of an airplane during the starting run. A. F. Bochkarev Izv. vys ucheb. zav. ,av tekh 4 no. 4:3-11 '61

Spin G. S. Kalachev, M. G. Kotik, Vest. Vozd. Fl. no 10:72-74 O '61

Stability of an aircraft during fuel movement in tanks. K. A. Golenko. [Trudy] MVTU no. 104:171-175 '61

STABILITY OF SHIPS

Calculating stability curves by prototype with changes of the main dimensions and the coefficient of total displacement of the vessel N K Dormidontov, L G Lyesnko, K S Kozlov Trudy LIVT no. 5 3-11 '60.

Mathematical model of a ship V V. Gusev and others Trudy LKI no 31 11-14 '60

Rational procedures for processing records of the rolling of models V. K Glotov, Zhen' Ke, [Jen K'o] Trudy LKI no 31 5-9 '60.

STAINLESS STEEL see Steel, Stainless

STAINS AND STAINING (MICROSCOPY)

Determining Brucella types by differential staining. L. I. Datsevich Veterinariia 39 no 1:79-80 Ja '62

Method of staining Trichomonas. P V. Zhuravskii. Lab. delo 8 no. 2 53 F '62

Quick method for the staining of blood platelets. R. A Alimov Med zhur Uzb no 3 20 Mr '60

Staining the granules of Corynebacterium diphtheriae G A. Nikulina, O K Filippova, V. D Shtiben Lab delo 8 no. 2 42-43 F '62.

STALIN, IOSIF, 1879-1953

Conflict in the Revolutionary Military Council of the South Front, September-October 1918 I.Kolesnichenko Voen -ist zhur 4 no 2 39-47 F '62.

STALINABAD see Dushanbe

STALINGRAD see Volgograd

STALINGRAD, BATTLE OF, 1942-1943

How the ring around the encircled Sixth German Army was closed. P Zhidkov. Voen -ist. zhur. 4 no 3 124-125 Mr '62

"Liudnikov's Island" by S. Glukhovskii Reviewed by B. IAroshevskii Starsh. -serzh no 11 37 O[1 e N] '61.

STALINGRAD HYDROELECTRIC POWER STATION see Volga Hydroelectric Power Station (22d Congress of the CPSU)

STALINO see Donetsk

STALINO PROVINCE see Donetsk Province

STAMMERING

Letters to the editor Ukraina no. 3 24 F '62.

Materials from the clinical study of stutterers. M. S. Lebedinskii, F. P. IAnovich, G. P. Platonova. Vop. psikh. no. 4:319-329 '60.

Some pathophysiological characteristics of stuttering children of preschool age. V. S. Kochergina. Vop. psikh. no. 4:309-318 '60.

STAMP, DUDLEY

Professor Dudley Stamp's visit to the U.S.S.R. V.A. Gunin. Izv. AN SSSR. Ser. geog. no. 1 162-163 Ja-F '62.

STAMPS see subdivision under Mitridat Mountain

STANDARDIZATION
(see also subdivision under Kherson Province, Tashkent)

Introduction periods for state standards V I. Prokhorov Standartizatsiia 26 no 2 54-55 F '62.

STANDARDIZATION—BIBLIOGRAPHY see Bibliography—Standardization

STANDARDS

Reconsidering standards in special branches of industries V S. Dul'man Standartizatsiia 26 no. 2 55-56 F '62

[State standard] GOST no. 8865 for 1958.

STANDARDS, ENGINEERING

Collected state standards Standartizatsiia 26 no. 2 63-64 F '62.

Standards for the machinery industry Standartizatsiia 26 no 2 64 F '62

STANISLAV—SURGERY

Annual report of the Stanislav Province Association of Surgeons for 1959 S. A. Verkhatskii Nov khir arkh no 4,133 Jl-Ag '60

STANISLAV PROVINCE—JEHOVAH'S WITNESSES

Do not forget our children. N. Safronova. Voiov. ateist no. 1 11 Ja '62.

STAPHYLOCOCCAL DISEASE

Antibiotic treatment of experimental Staphylococcus and Proteus infections. Kh. A. Kutdusova Antibiotiki 7 no. 1,56-60 Ja '62.

Effect of chlortetracycline on the course of staphylococcal infection in an experiment [with summary in English]. I. S. Dergachev, I. N. Potapova, O. A. Mikheeva Antibiotiki 7 no. 1:65-68 Ja '62.

Levomycetin treatment of Staphylococcus and Proteus wound infections in rabbits immunized with staphylo-anatoxin [with summary in English]. M Z. Gubaidullina Antibiotiki 6 no 12 1096-1100 D '61.

Prevention of staphylococcal diseases in mothers and newborn infants by means of immunization with a purified sorbed staphylococcal anatoxin [with summary in English] A. M. Chel'nyi, V. S Titova, S A. Zlatkina. Zhur mikrobiol , epid i immun 32 no 9:27-30 S '61

STAPHYLOCOCCUS

Change in the susceptibility of pyogenic staphylococci to certain antibiotics. N. N Samoilovich. Kaz. med zhur. no 4:60-62 Jl-Ag '61.

Characteristics of drug-resistant strains of Staphylococcus isolated from patients and medical personnel [with summary in English] A. F. Moroz. Antibiotiki 6 no. 9:67-73 S '61.

Characteristics of staphylococci isolated from patients treated with antibiotics [with summary in English]. L. A. Gamaleia Antibiotiki 6 no 9,79-82 S '61.

Dehydrogenase, catalase and peroxidase activity of staphylococcal cultures with acquired resistance to antibiotics from the neomycin group [with summary in English] A. F. Moroz. Antibiotiki 7 no. 2 143-150 F '62.

Oxidation-reduction properties and virulence of staphylococci sensitive and resistant to oxytetracycline [with summary in English]. S. G. Smirnov. Antibiotiki 6 no 12:1111-1117 D '61.

STARAYA RUSSA—AMATEUR THEATRICALS

Notes on the people's theater. V. Askinadze. Kult. -proa. rab 23 no 2 23-26 F '62

STARCH

Effect of salt treatment on the fermentation activity of starch. F. G. Krivolapov, L I. Sinel'nikova. Izv vys. ucheb zav , pishch. tekh. no. 6.33-36 '61

STARK EFFECT

Interpretation of the absorption K-spectra of sulfur in molecules and crystals by the Stark effect in an exciton. R. L. Barinskii, B. A. Maliukov. Izv. AN SSSR. Ser. fiz 26 no. 3:412-418 Mr '62.

STARODOROZHSK DISTRICT—DIPHTHERIA

Fighting diphtheria in Starodorozhsk District. E. S. Tolstykh. Zdrav Bel 7 no. 8:80 Ag '61.

STARS

Multiple formation of nucleon pairs and outbursts of supernovae D A Frank-Kamenetskii Dokl AN SSSR 143 no 1 78-80 Mr '62

Observations of the source of Sagittarius-A at the frequency 1500 mc/sec [with summary in English]. Tsai Zhun-khao [Ch'in Jung-hao]. Astron. zhur. no. 1:166-168 Ja-F '62.

STARS—COLOR

Barkhatova, K. A. [Atlas of color-magnitude diagrams for open clusters] Atlas diagramm tsvet-velichina dlia rasseianiykh zvezdnykh skoplenii. Moskva, [Izd-vo Akad. nauk SSSR] 1958. 127 p. (ICU)

STARS—SPECTRA

Continuous spectra of hot stars [with summary in English]. A. K. Kolesov. Astron. zhur. 39 no. 1:35-40 Ja-F '62.

Radio emission spectrum of Cassiopeia-A at frequencies lower than 30 mc/sec [with summary in English]. S. F. Braude and others. Astron zhur. 39 no. 1:163-175 Ja-F '62.

Spectral classification of stars. N. B. Kalandadze Vest AN SSSR 32 no. 3,95 Mr '62.

STARS, VARIABLE

Period and luminosity relations of titanium oxide type long-period variable stars [with summary in English] J Ikaunieks. Izv. AN Latv. SSR no. 1-77-84 '62

Photometric elements of ER Orion. K. Kalchaev Trudy Fiz. -tekh. inst. AN Turk SSR 7:163-165 '61

Statistical relations of titanium oxide type long-period variable stars [with summary in English] J Ikaunieks Izv AN Latv SSR no 11 65-81 '61

Visual observations of variable stars. L. N. Ispanov Trudy Fiz -tekh. inst AN Turk SSR 7:165-170 '61

STARS, VARIABLE—SPECTRA

Excess short-wave radiation in the spectrum of 1 U Orionis [with summary in English]. R. A. Bartaia. Astron. zhur. 39 no. 1,159-161 Ja-1 '62.

STATE AND CHURCH see Church and state

STATE FARMS
(see also subdivision under East Kazakhstan Province; Kazakhstan, Kuban; Virgin Territory; Volga Valley)

Everything in the workers committee's business. P. Semenov Sov profsoiuzy 18 no 1:16 20 Ja '62

"In search of the new and the advanced" by N. A. Dospel i M. N. Gorbachev. Reviewed by K. Georgeev. Part. zhizn' no. 5:76-77 Mr '62.

It serves as a model of skillful management. I Barabar. Part. zhizn' no 4 39-43 F '62.

Lora, G. M. [Work practices of state farms and participants of the All-Union Agricultural Exhibition of 1939] Opyt raboty sovkhozov, uchastnikov Vsesoiuznoi sel'skokhoziaistvennoi vystavki 1939 g. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1940. 95 p. (NNC)

Organization of land use within the farms is an important factor in determining the most efficient size of state farms and their sections. A. Zhukov. Ekon. sel'khoz. 32 no. 12:44-51 D '61.

Zlazda, A. I., and N. Khalaiov. [Profits of state farms] Orentabel'nost' sovkhozov. [Moskva] Mosk. rabochii, 1961. 45 p. (Obshchestvo-politicheskaia biblioteechka po ekonomike sel'skokhoziaistvennogo proizvodstva) (MH)

STATE FARMS—ACCOUNTING
(see also subdivision under Bashkiria; Virgin Territory)

Accounting for repairs. A. M. Feilaev. Uchet i fin. v kolkhoz. i sovkhoz. 19 no. 2:15-18 F '62

Control the consumption of fodder better. V I Polezin Uchet i fin v kolkhoz. i sovkhoz. 19 no 1:13-14 Ja '62

Good accounting method produces excellent results V. M. Goncharov. Uchet i fin. v kolkhoz. i sovkhoz 19 no. 2:25-27 F '62.

How to analyze a state farm report. A. Volovik Fin. SSSR 23 no. 2:73-80 F '62.

Mistakes are corrected. K. M. Ikonnikov. Uchet i fin v kolkhoz. i sovkhoz. 19 no 1:16-17 Ja '62

New systems of accounting and wages are worth while [by] A. L. Braun, G. I. Balko. Uchet i fin v kolkhoz i sovkhoz. 19 no. 2:9-15 F '62.

STATE FARMS—FINANCE
(see also subdivision under Virgin Territory)

Business accounting in a brigade with overall mechanization. P. V. Goncharov. Uchet i fin v kolkhoz i sovkhoz. 19 no 2:29-31, 34-36 F '62.

What did audits show. S. Valtser. Fin. SSSR 23 no 2: 60-63 F '62.

STATE FARMS—LABOR PRODUCTIVITY see subdivision under Latvia

STATE FARMS—MANAGEMENT
(see also subdivision under Kaluga Province; Siberia, Western)

Determining optimum size for a state farm and its sections in virgin areas. E. IA. Udovenko, N. K. Krilasev. Dokl. (i soob). VNIESKH no. 11:1-15 '61.

STATES, NEW

Present-day colonialism in the system of international relations. K. Ivanov. Mezhdunar. zhizn' 9 no. 4 45-51 Ap '62.

STATES, NEW—ECONOMIC POLICY

Present-day tendencies in the social development of liberated countries. V. Tiagunenko. Mir. ekon i mezhdunar. otn. no. 3:29-33 Mr '62.

STATES, NEW—ECONOMICS

Laws governing the noncapitalist path of underdeveloped countries toward socialism. M. S. Dzhunusov. Vop. filos. 16 no. 2:15-24 '62.

STATES, NEW—SOCIAL CONDITIONS
Present-day tendencies in the social development of liberated countries. V. Tiagunenko. Mir ekon i mezhdunar otn no 3,20-33 Mr '62

STATES, NEW—TECHNICAL ASSISTANCE, RUSSIAN
The U.S.S.R. helps to train the labor force of underdeveloped countries. A. Nekrasov. Mezhdunar zhizn' 9 no. 3 104-105 Mr '62.

STATICS
Lusis, J., and E. Siede. [Statics of structures] Buvstatika. Riga, Latvijas Valsts Izdevnieciba, 1961. 348 p. [In Latvian]

STATISTICS
Mechanize the processing of statistical reports more freely. G. Vladykin. Vest. stat. no 3 41-48 '62

Moscow. Vsesoiuznyi zaochnyi finansovo-ekonomicheskii institut. [Tasks of Soviet statistics in the light of the decisions of the 21st Congress of the CPSU, consultation] Zadachi sovetskoi statistiki v svete reshenii XXI s"ezda KPSS, konsul'tatsiia. Moskva, M-vo vysshego obrazovaniia SSSR, 1959. 13 p. [MICROFILM]

Problems in the statistical study of social reality. L. Baidel'dinov. Trudy Inst filos i prava Kaz. akh. SSR 5:167-187 '61

Statistics and mathematics. A. Boinskii. Vest. stat. no 3 18-29 '62

STATISTICS—BIBLIOGRAPHY see Bibliography—Statistics

STATISTICS—CONGRESSES
Conference on the problems of the statistical study of costs. A. Samoilova, A. Shifman. Vest. stat. no 3 82-87 '62

The fourth session of the conference of the statisticians of Asia and the Far East. I. Matiukha. Vest. stat. no 3 87-90 '62

STATISTICS, MATHEMATICAL see Mathematical statistics

STATISTICS, MEDICAL see Medical statistics

STATUETTES see subdivision under Batken District; Tomi Valley; Vladimir

STAVROPOL PROVINCE—SERVICE INDUSTRIES
Service cycle. IA. Levandovskaia. Mest. prom. i khud. promys. 3 no. 2:27-28 F '62

STAVSKII, ELIGII
"Just the beginning of it all"; a tale by Eligii Stavskii. Reviewed by I. Smol'nikov. Neva no. 8:206-207 '61

STEAM—THERMAL PROPERTIES
Experimental study of the enthalpy of water vapor. M. P. Vukalovich, V. N. Zubarev, P. G. Prusakov. Teploenergetika 9 no 3:56-63 Mr '62

STEAM BOILERS see Boilers

STEAM BOILERS, MARINE see Boilers, Marine

STEAM POWER PLANTS
Electrical section of a 2400 Mw. steam power plant. V. I. Sokolov. Elektrichestvo no 2:80-89 F '62.

Giant turbines. I. Shubenko-Shubin. Nauka i zhyttia 11 no. 1:17-19 Ja '62

STEAM POWER PLANTS—EQUIPMENT AND SUPPLIES
Chapter 12 "Pipelines and feeding devices" of the new "Regulations for operating electric systems and power plants." N. G. Kleimenov. Energetik 10 no. 2 23-26 F '62.

STEAM TURBINES
(see also subdivision under Leningrad; United States)
Economy characteristics of the feed pump turbine drive in electric power plants. G. A. Ushakov. Teploenergetika 9 no 3:30-33 Mr '62.

Efficient diagram of a turbine installation for the electric power system of a district heating plant. D. P. Gokhshtein. Energomashinostroenie 8 no. 2 12-14 F '62.

High-pressure steam turbines. M. F. Sichikov. Biul. tekh.-ekon. inform. no 1 46-52 '62.

Increase in the efficiency of the Brown-Bowery steam turbine. S. N. Blotskii, V. V. Ostatsev, F. N. Demchenko. Prom. energ. 17 no. 3:20-20 Mr '62

Redesigning of the AK-24-1 LMZ turbine glands. V. M. Lebedev. Energetik 10 no 2:17-18 F '62.

Russia (1923- U.S.S.R.) Ministerstvo stroitel'stva elektrostantsii. TSentral'noe normativno-issledovatel'skoe biuro. [Mechanic's manual on the installation of equipment in the machine rooms of thermal electric power plants] Pamiatka slesaria po montazhu oborudovaniia mashinnogo zala teplovoi elektrostantsii. Moskva, Gos. energ. izd-vo,
No. 1. Abalakov, B. V. [Installation of steam turbines and generators] Montazh parovykh turbin i generatorov, 1961. 70 p.

Shliakhin, P. N., and M. L. Bershadskii. [Brief manual on steam-turbine systems] Kratkii spravochnik po paroturbinnym ustanovkam. Moskva, Gos. energ. izd-vo, 1961. 127 p.

A 300,000 kilowatt capacity steam turbine. L. A. Shubenko-Shubin. Biul. tekh.-ekon. inform. no 1 53-55 '62

STEAM TURBINES—DESIGN AND CONSTRUCTION
Design and calculation of steam turbine stages according to the results of air passage through static lattices. A. V. Shcheglinev, M. S. Deich, G. A. Filippov. Teploenergetika 9 no 3:14-18 Mr '62

STEAM TURBINES—TESTING
Studying the last stages of condensation steam turbines. B. M. Troianovskii and others. Energomashinostroenie 8 no 3 26-29 Mr '62

STEAM TURBINES—WELDING
Welding the seat of a steam turbine front bearing. B. I. Obolentsev. Svar. proizv. no 2:36 F '62

STEAMBOAT LINES see subdivision under Volga River

STEARIC ACID
Higher aliphatic acids as additives to mineral oils for use in connection with high friction of metals, use of stearic acid. G. V. Vinogradov, Liao Go-ling [Liang Kuo-ling], N. I. Pavlovskaia. Neftekhimiia 1 no 2 280-285 Mr-Ap '61

STEEL
Effect of certain elements on the properties of electrical engineering steel. G. A. Garnyk, A. M. Samarin. Elektrichestvo no. 2:71-74 F '62.

Greater attention to quality in steel. I. N. Golikov. Stal' 22 no 2 97-100 F '62

Relation between properties of steel in liquid and solid states. N. S. Kreshchanovskii, M. F. Sidorenko. Izv. vys. ucheb. zav., chern. met. 5 no 1,131-136 '62.

Relationship between heat resistance and the coefficients of the kinetic equations of oxidation of chromium steel and chromium nickel steel. A. V. Shreider, G. L. Degtiareva. Zhur. prikl. khim. 35 no. 2:455-458 F '62

Stress variation in the surface layer of cyclically deformed steel under the action of melts of fusible metals. M. I. Chaevskii. Dokl. AN SSSR 142 no. 6 1294-1297 F '62.

Ultimate strength of steel in the presence of active metal melts. M. I. Chaevskii, L. S. Bitukhanova, V. I. Likhtman. Dokl. AN SSSR 143 no 1 92-94 Mr '62

STEEL—CORROSION
Ash abrasion of tubes and permissible velocities of gases in boiler units. I. E. Dubovskii. Energomashinostroenie 8 no. 2:15-19 F '62

Corrosion inhibitors for oil wells. V. F. Negreev, I. A. Mamedov, T. Kh. Manakhova. Azerb. neft. khoz. 40 no 8 11-45 Ag '61

Inhibitors of carbon steel corrosion in carbon tetrachloride. S. A. Balezin, V. M. Chistiakov. Dokl. AN SSSR 142 no. 2 116-118 Ja '62

Resistance to corrosion of the diffusion coatings of the turbine blades of gas-turbine locomotives. E. A. Kovalev, I. V. Vikker. Vest. TSNII MPS 21 no 1 36-37 '62

Some data on weldability and anticorrodibility of Kh17T and Kh17N2 steels. A. N. Krutikov, A. P. Akshentseva, I. G. Volikova. Khim. mash. no. 6:33-38 N-D '61.

Studying the effect of products of combustion of distillation sulfurous fuels on the structural materials of gas turbines. B. V. Losikov and others. Energomashinostroenie 8 no. 2:34-37 F '62.

STEEL—DEFECTS
Chervinkov, A. N., S. A. Kiseleva, and A. G. Ryl'nikova. [Metallographic determination of inclusions in steel] Metallograficheskoe opredelenie vkliuchenii v stali. Izd. 2., perer. i dop. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1962. 248 p.

STEEL—ELECTROMETALLURGY
Effect of the fluidity of the tapping slag on the content of nonmetallic inclusions in ShKh15 steel. P. M. Danilov. Stal' 22 no 2:133-134 F '62.

STEEL—FATIGUE
X-ray examination of alterations in the crystalline structure of steel of varying initial state in the process of fatigue. IA. I. Mar'ianovskii. Trudy LKI no 31:137-149 '60.

STEEL—HARDENING
Gol'dshtein, IA. E., and I. IA. Gorbul'skii. [Increasing the durability of tractor parts] Povyshenie dolgovechnosti traktornykh detalei. Izd. 2. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 199 p.

Tendency of oxygen-blown converter steel toward aging. K. F. Starodubov, IU. P. Gul'. Stal' 22 no 2:159-160 F '62.

STEEL—HEAT TREATMENT
Blanter, M. E. [Phase transformations during the heat treatment of steel] Fazovye prevrashcheniia pri termicheskoi obrabotke stali. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1962. 268 p.

Determining the dispersity and lattice distortions in U-10 steel following quenching and tempering. B. IA. Pines, A. F. Sirenko. Kristallografiia 7 no. 1:125-127 Ja-F '62.

Effect of temper coloring and thermal stabilization on the properties of spring bands. S. I. Doroshek, A. M. TSeitlin. Stal' 22 no. 2 161-162 F '62

Effect of the deformation rate on the strength and plasticity of carbon steel when in contact with a melt of a fusible metal. M. I. Chaevskii, V. I. Likhtman. Dokl. AN SSSR 140 no 5,1054-1057 O '61

Popov, A. A., and L. E. Popova. [Heat treatment handbook; isothermal and thermokinetic diagrams on the decomposition of undercooled austenite] Spravochnik termista, izotermicheskie i termokineticheskie diagrammy raspada pereokhlazhdennogo austenita. Moskva, Mashgiz, 1961. 430 p.

STEEL—HYDROGEN CONTENT
Factors determining the hydrogen content of steel. K. N. Ivanov. Stal' 22 no 2 117-121 F '62.

STEEL—MAGNETIC PROPERTIES
Dependence of losses due to eddy currents on the magnetic structure of electrical steel. V. V. Druzhinin, T. I. Prasova. Izv. AN SSSR Ser. fiz. 26 no 2 276-279 F '62.

STEEL—METALLOGRAPHY
Alloying 35L steel with boron and cerium. V. N. Gonchar, P. F. Ivantsov. Izv. vys. ucheb. zav., chern. met. 5 no 1 160-166 '62

Investigating the fine crystal structure of surface-hardened fatigue specimens of low-temper steel. A. S. Shigarev. Metalloved. i term. obr. met. no 3 25-29 Mr '62

Investigation of phase transformations in steel during heating. V. S. Vlasov. Izv. AN SSSR, Otd. tekh. nauk. Met. i topl. no. 1:134-138 Ja-F '62.

Mechanism of structural phase transformations during steel heating and heat treating practices. V. D. Sadovskii. Metalloved. i term. obr. met. no 3 2-7 Mr '62

Redistribution of carbides as one of the forms of the lack of structural stability in steel. B. I. Bruk, A. S. Zav'ialov. Metalloved. i term. obr. met. no 3 14-18 Mr '62

Structural changes during resistance welding and subsequent heat treatment. V. M. Iankovskii, L. A. Dolinskaia. Svar. proizv. no. 3:11-13 Mr '62

STEEL—METALLURGY
Bannyi, N. P. [Technical and economic calculations in ferrous metallurgy] Tekhniko-ekonomicheskie raschety v chernoi metallurgii. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1962. 380 p.

Characteristics of the temperature function in the rate of the liquid steel deoxidation process. M. G. Krasheninnikov, S. I. Filippov. Izv. vys. ucheb. zav., chern. met. 5 no. 1,20-32 '62

Efficiency of the vacuum treatment of liquid steel. I. A. Baranov, G. N. Oiks, I. I. Ansheles. Izv. vys. ucheb. zav., chern. met. 5 no. 1:60-61 '62

Making G13L steel in converters with a top oxygen blow. M. P. Kvitko, IU. S. Krivchenko. Lit. proizv. no 2 33-35 F '62.

New ways of the steel metallurgy. L. Lifshits. IUn. tekh. 6 no 1:7-10 Ja '62.

Open-hearth furnace or oxygen converter? S. T. Petel'man. Stal' 22 no. 2 124-125 F '62

Research in the field of the physicochemical basis of metallurgical processes. A. M. Samarin. Vest. AN SSSR 32 no. 2,35-37 F '62

Vacuum treatment of alloyed open hearth steel. K. M. Petrov and others. Stal' 22 no 2:113-117 F '62

STEEL—STANDARDS
New steels and alloys. A. S. Kaplan, N. N. Kozlova, A. R. Krylova. Standartizatsiia 26 no. 2:50-52 F '62.

STEEL—TESTING
Durability of perlite steel under the effect of temperature changes. L. E. Fedotova. Teploenergetika 9 no 2 56-59 F '62.

Effect of preliminary plastic deformation and natural aging on the limit of flow and failure of low-carbon steel. V. N. Kamentsev, G. B. Talypov. Issl. po uprug. i plast. no 1:186-191 '61.

Failure limit of low-carbon steel under simple and combined loads. V. N. Kamentsev, G. B. Talypov. Issl. po uprug. i plast. no. 1:182-201 '61.

Some results of the study of the long-life strength of 1Kh8N9T steel under non-stationary conditions. G. S. Pisarenko, V. I. Kovpak. Energomashinostroenie 8 no. 3:38-40 Mr '62.

Strength of steel in compound stressed state due to simple and combined loads. I. I. Tarasenko, O. N. Khaldina, V. M. Chebanov. Issl. po uprug. i plast. no. 1:205-212 '61.

Testing case-hardened steel. I. D. Rybasenko. Konstr. i tekh. mash. no. 1:243-254 '61.

Theoretical connection between the hardness of steel and its resistance to plastic deformation. M. S. Drozd. Izv. vys. ucheb. zav. chern. met. 5 no. 1:147-159 '62

STEEL—WELDING
Some data on weldability and anticorrodibility of Kh17T and Kh17N2 steels. A. N. Krutikov, A. P. Akshentseva, I. G. Volikova. Khim. mash. no. 6:33-38 N-D '61.

STEEL, HEAT-RESISTANT

Gorodnov, P. T. [Increasing the heat resistance of steel parts by alitizing] Povyshenie zharostoikosti stal'nykh izdelii metodom alitirovaniia. Moskva, Mashgiz, 1962. 109 p.

STEEL, HEAT-RESISTANT—WELDING

Properties of weld joints in heat resistant VZh100 (EP126) steel. I. F. Kobylianskii, V. D. Peshekhonov. Svar. proizv. no. 3:26-28 Mr '62.

STEEL, STAINLESS

Study of new alloys as substitutes for chrome-nickel stainless steel in medical equipment. S. Z. Gol'berg. Med. prom. 15 no. 12 51-54 D '61.

STEEL, STAINLESS—WELDING

Argon-arc welding with tungsten electrodes of butt joints in stainless steel tubes. E. B. LaVelle. Avtom. svar. 15 no. 3 58-63 Mr '62.

STEEL, STRUCTURAL—TESTING

Investigation of the elastic-plastic properties of structural steel in plane stressed condition. V. A. Baldin, V. I. Trofimov. Trudy TSNIISK no. 1,5-34 '61.

STEEL ALLOYS

Mikhalev, M. S. [Low-alloy instead of carbon steels] Nizkolegirovannye stali vzamen uglerodistykh. Pod red. A. V. Kovalenko. Moskva, Mashgiz, 1961. 32 p. (Serlia "Za ekonomiiu metallov i elektroenergii)

STEEL ALLOYS—FATIGUE

Fatigue strength of joints made by electric slag welding in alloyed steels. I. V. Kudriavtsev, N. M. Savvina, V. V. Chernykh. Svar. proizv. no. 3:1-5 Mr '62.

STEEL ALLOYS—HARDENING

Efficient methods of hardening low-alloy and low-carbon steel. P. M. Dontsov, E. N. Shvach. Stal' 22 no. 2 165-167 F '62.

STEEL ALLOYS—HEAT TREATMENT

Heat treatment of 18KhNVA and 12Kh2N4A steels to undergo case hardening. B. S. Natapov. Metalloved i term. obr. met. no. 3 56-59 Mr '62.

Heat treatment of turbogenerator and steam turbine rotors. P. V. Skliuev. Metalloved i term. obr. met. no. 3 45-49 Mr '62.

Isothermal hardening of high-strength high-alloyed steel. M. P. Braun. Mashinostroenie no. 1 37-41 Ja-F '62.

STEEL ALLOYS—METALLOGRAPHY

Changes in the dislocation structure of 1Kh18N9T steel during hardening and recovery. M. P. Usikov, L. M. Utevskii. Metalloved i term. obr. met. no. 3 18-20 Mr '62.

STEEL ALLOYS—METALLURGY

(see also subdivision under Kommunarsk)

Effect of electric slag remelting of steels and alloys high in addition elements on the removal of nonmetallic inclusions. M. M. Kiiaev, V. V. Topilin. Izv. vys. ucheb. zav., chern. met. 5 no. 1:76-89 '62.

STEEL ALLOYS—STANDARDS

New steels and alloys. A. S. Kaplan, N. N. Kozlova, A. R. Krylova. Standartizatsiia 26 no. 2 50-52 F '62.

STEEL ALLOYS—TESTING

Investigating the properties of nickel-free 14G2, 14 KhGS, 15GS, 14G, and 19G low-alloy steel. P. I. Sokolovskii, A. N. Brodskaia. Trudy TSNIISK no. 4:111-133 '61.

STEEL ALLOYS—WELDING

Investigating the weldability of nickel-free 14G2, 14KhGS, and 15GS low-alloy steel. A. IA. Brodskii, N. V. Tolmacheva. Trudy TSNIISK no. 4:134-210 '61.

Properties and the weldability of St. 3kp steel with a high arsenic content. N. P. Shchapov and others. Svar. proizv. no. 2:1-7 F '62.

Vibration strength of joints in low-alloy steel. E. E. Kochergova. Trudy TSNIISK no. 4:211-226 '61.

X-ray investigation of phase transformations in austenite-ferrite 1Kh25N13-type deposition metal. N. IA. Karasik, N. E. Shlepianova. Avtom. svar. 15 no. 3 13-18 Mr '62.

STEEL BARS—TESTING

Stability of compressed bulb bar flanges. B. M. Broude. Trudy TSNIISK no. 4:35-43 '61.

STEEL CASTINGS

Insulated steel-casting risers. A. P. Dogmatyrskaia. Mashinostroitel' no. 2:34 F '62.

Kinetics of isothermal transformations of austenite in hypereutectoid silicon steel [with summary in English]. K. P. Bunin, Zh. B. Zakorko. Dop. AN URSR no. 1 44-47 '62.

Making steel castings in shell molds. I. F. Dvorkin. Lit. proizv. no. 2:39-40 F '62.

STEEL CASTINGS—TESTING

Using radioisotopes in investigating the effect of teeming conditions on the quality of steel castings. G. I. Ezhov. Konstr. i tekh. mash. no. 1:110-114 '61.

STEEL CASTINGS—WELDING

High strength foundry steel with good weldability. B. B. Gulaev and others. Lit. proizv. no. 2,1-4 F '62.

STEEL INDUSTRY

(see also subdivision under Dnepropetrovsk; Donets Basin, India; Lipetsk)

Automatic machinery produces steel. O. Chekmar'ov. Nauka i zhyttia 11 no. 1:22-23 Ja '62.

STEEL INDUSTRY—ACCOUNTING

Bannyi, N. P. [Technical and economic calculations in ferrous metallurgy] Tekhniko-ekonomicheskie raschety v chernoi metallurgii. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1962. 380 p.

STEEL INGOTS

Calculation of heat processes connected with the molding of steel ingots. L. S. Rudoi. Izv. vys. ucheb. zav., chern. met. 5 no. 1:57-60 '62.

Efficient metal manufacture and the selection of ingots and slabs for plate mills. A. P. Panov. Stal' 22 no. 2 152-153 F '62.

Steel pouring in a nonoxidizing atmosphere. K. N. Ivanov. Stal' 22 no. 2 125 F '62.

STEEL INGOTS—DEFECTS

Controlling the formation of longitudinal hot cracks on the surface of continuous ingots. V. S. Rutes, N. A. Nikolaev, A. V. Leites. Stal' 22 no. 2 122-124 F '62.

STEEL INGOTS—MEASUREMENT

Determining the width of slabs rolled on the barrel in blooming mills. V. M. Klimenko. Trudy Inst. chern. met. AN URSR 15:144-157 '61.

STEEL PIPE see Pipe, Steel

STEELWORKS see subdivision under Temir-Tau

STEL'MAKH, MYKHAILO PANASOVYCH, 1912-

Babyshkin, O. K. Mykhailo Stel'makh. Kyiv, Radians'kyi pis'mennyk, 1961. 215 p.

STENCILS AND STENCIL CUTTING

Reznichenko, V. S., and D. A. Khandros. [Transparent stencils for drawing and construction work] Prozrachnye trafarety dlia chertezhno-konstruktorskikh rabot. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 41 p.

STENDHAL, pseud. see Beyle, Marie Henri, 1783-1842

STEPPE FLORA

Ecological and biological knowledge of the vegetation of meadow steppes [with summary in English]. V. N. Golubev. Bot. zhur. 47 no. 1. 25-44 Ja '62.

STEREOCHEMISTRY

Mechanism and steric course of the wittig reaction as affected by external factors. L. D. Bergel'son and others. Dokl. AN SSSR 143 no. 1. 111-114 Mr '62.

Stereochemistry of cyclic compounds. Part 43: Stereochemistry of the diene condensation of trans-1-vinyl-6-acetoxy-8-methyl-Δ^1-octalin with lamaic anhydride, and some transformations of dicarboxylic acids of the phenanthrene series. I. A. Gurvich, I. M. Mil'shtein, V. F. Kucherov. Zhur. ob. khim. 31 no. 12:3930-3945 D '61.

Stereochemistry of cyclic compounds. Part 44: Synthesis and stereochemistry of cis-hydrindan-4, 5-dicarboxylic acids. V. F. Kucherov, E. P. Serebriakov. Zhur. ob. khim. 32 no. 2:426-432 F '62.

STERIC HINDRANCE

Steric hindrances in 4, 4'-diarylthiazolocyanine molecules. E. D. Sych, A. I. Kiprianov. Zhur. ob. khim. 31 no. 12: 3926-3929 D '61.

STERILITY

Role of the male in a sterile marriage. B. F. Zlatman. Kaz. med. zhur. no. 4:47-49 Jl-Ag '61.

STEROIDS

Excretion of 17-ketosteroids with the urine in mud bath and rheopyrine treatment of infectious nonspecific (rheumatoid) arthritis at the Muyaldy Health Resort. P. M. Valmswaig. Zdrav. Kazakh. 21 no. 5:44-47 '61.

Hormonal disorders in asthenic and hypochondriac states in patients with schizophrenia and involutional diseases [with summary in French]. E. P. Ufereva. Zhur. nevr. i psikh. 61 no. 11. 1710-1715 '61.

Participation of the lymphoid organs in immunogenesis and the role of steroid hormones in this process [with summary in English]. A. N. Meshalova. Zhur. mikrobiol., epid. i immun. 32 no. 9:77-83 S '61.

17-Ketosteroids as indices of the function of the adrenal cortex in tuberculosis [in Azerbaijani with summary in Russian]. M. N. Alieva. Azerb. med. zhur. no. 8: 35-38 Ag '61.

Treatment of myelomatosis with sarcolysin in combination with ACTH and steroid hormones [with summary in English]. A. N. Chigirinskii. Vop. onk. 7 no. 7:63-69 '61.

STEROIDS—TOXICOLOGY

Genesis, prevention, and treatment of gastroduodenal hemorrhages complicating steroid therapy [with summary in English]. E. G. Pikhlak. Ter. arkh. no. 12 83-90 '61.

STILBENE

Haloarylation of unsaturated compounds by aromatic diazo compounds. Part 14: Synthesis of α-methylstilbenes. A. V. Dombrovskii, IA. G. Bal'on, K. G. Tonkebuk. Zhur. ob. khim. 32 no. 2:603-607 F '62.

STILBESTROL—PHYSIOLOGICAL EFFECT

Renal tumors produced with synestrol and diethylstilbestrol in golden hamsters [with summary in English]. R. I. Polikina. Vop. onk. 7 no. 7 35-41 '61.

STIMULANTS

Use of micarene for treating asphyxia in newborns. M. I. Shtemberg. Zdravookhranenie 4 no. 6 17-19 N-D '61.

STOCK AND STOCKBREEDING

(see also subdivision under Kabardino-Balkar A.S.S.R., Moldavia; South Kazakhstan Economic region)

Bannikov, N. A. [Ways for reducing the cost of livestock production] Puti snizhenia sebestoimosti produktsii zhivotnovodstva. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 300 p. (DA)

[Handbook for zootechnicians] Dovidnyk zootekhnika 2, dopovnene i pereroblene vyd. Kyiv, Derzh. vyd-vo sil'skohospodars'koi lit-ry URSR, 1960. 720 p. (DA)

Machinery for livestock raising. V. Michurin. Sel'khozmekh. no. 12:38-40 '61.

Major problems of the organization of stockbreeding. S. Kolesnev, I. Ermolaev, N. Nechaev. Ekon. nauki 4 no. 12, 113-115 D '61.

Mirzoian, L. N. [History of the study of the individual development of farm animals in Russia, middle of the 18th to the first third of the 20th century] Istoriia izucheniia individual'nogo razvitiia sel'skokhoziaistvennykh zhivotnykh v Rossii, seredina XVIII - pervaia treti XX v. Moskva, Izd-vo Akad. nauk SSSR, 1961. 154 p.

Ocheret'ko, F. I., and B. F. Bondarenko. [Antibiotics in stockbreeding] Antybiotyky u tvarynnytstvi. Kyiv, Vyd-vo Ukrains'koi Akad. sil'skohospodarskykh nauk, 1961. 131 p. (DA)

The road to the dairy barns and stock fattening yards of collective farms. Sov. deput. trud. no. 7:49-54 F '62.

Speed up the introduction of the accomplishments of veterinary science into animal husbandry. A. A. Baburtuliian. Veterinariia 39 no. 1:14 Ja '62.

Svechin, K. B. [Individual development of farm animals] Individual'noe razvitie sel'skokhoziaistvennykh zhivotnykh. Kiev, Izd-vo Ukrainskoi akad. sel'khoz. nauk, 1961. 400 p.

Time standards for veterinarians serving in animal husbandry. N. I. Gushchin, A. D. Vasin. Veterinariia 39 no. 1:15-22 Ja '62.

Valdmanis, Andrejs. [Vitamins in stockbreeding] Vitamini lopkopibā. Rīga, Latvijas PSR Zinātņu akadēmijas izdevniecība, 1961. 92 p. [In Latvian] (DA)

STOCK AND STOCKBREEDING—BIBLIOGRAPHY see Bibliography—Stock and stockbreeding

STOCK AND STOCKBREEDING—STUDY AND TEACHING

Studying the topic "Changes in animals effected by man and the development of new breeds of farm animals" in schools. V. F. Shalaev. Biol. v shkole no. 2 33-34 Mr-Ap '62.

STOCK OWNERSHIP

"Who determines the business policy of large enterprises? Relationship between the ownership of capital and the right of its administration" [in German] by Siegfried Cassier; book review. Nov. vrem. 20 no. 11:21-22 Mr '62.

STOIANOV, VESELIN

Works of Veselin Stoianov. G. Iudin. Sov. muz. 27 no. 2:103 F '62.

STOLYPIN, PETR ARKAD'EVICH, 1862-1911

Establishment of the zemstvo in western governments and the failure of Stolypin's policy. A. IA. Avrekh. Ist. zap. no. 70:61-112 '61.

STOMACH

Effect of Filatov's biogenic stimulator on the restoration of stomach function after sectioning of the anterior horns of the spinal cord. R. G. Barsegian. Fiziol. zhur. 44 no. 1:76-81 Ja '62.

Reflex effects on the motor and secretory function of the stomach in cicatricial esophagostenosis. R. I. Markevich. Zdrav. Bel. 7 no. 8:38-40 Ag '61.

STOMACH—ABNORMITIES AND DEFORMITIES
Case of "thoracic stomach." I. A. Kabatova, Kh. M. Shilta. Grud. khir no. 5:113-115 '61.
Excessive development of the folds of the mucosa of the stomach [with summary in English] IU N Sokolov, V. L. Manevich, E. M. Zagnedkovskaia. Vest. rent. i rad 36 no 4:17-30 Jl-Ag '61

STOMACH—CANCER
Absorption of radioactive phosphorus by the stomach in peptic ulcer of the stomach and duodenum and in cancer of the stomach S. R. Levaniuk Nov. khir. arkh no. 2: 53-58 '62
Application of a direct gastroduodenal anastomosis after a stomach resection because of cancer A P Mirzaev Vop onk 8 no. 2 57-63 '62.
Case of primary lymphosarcoma of the stomach. IA. I. Pushchevoi Nov. khir. arkh. no 2:69 '62.
Changes in the protein composition of the blood serum and in the antitoxic function of the liver in stomach cancer and following surgery. T. A. Kadoshchuk. Nov khir arkh. no. 2:35-39 '62
"Clinical aspects of cancer of the stomach" by A. V. Mel'nikov. Reviewed by V. I Kazanskii Vop. onk 7 no. 7 122-125 '61
Intrapleural bypass anastomoses in inoperable cancers of the esophagus and cardial portion of the stomach [with summary in English] S. I IUpatov. Vest khir. no 2:13-19 '62.
Metastasis of stomach cancer into the gastropancreatic ligament. M M Rybakov Nov. khir. arkh no. 3 85 My-Je '60.
Our experience with total gastrectomy in cancer of the cardia of the stomach. I M Miloslavskii Nov. khir arkh. no. 3 80-84 My-Je '60.
Primary multiple cancer of the stomach. V. I. Fedorov. Zdrav. Bel. 7 no. 12:28-31 D '61.
Study of leucocytosis in the Zakharin-Head zones in peptic ulcer of the stomach and duodenum and in cancer of the stomach M E. Didur. Nov. khir. arkh no. 2:71-72 '62
Surgical treatment of gastric cancer according to data of the surgical ward of Sumy Province Hospital. L. V. Suprun. Nov. khir. arkh. no 2.21-24 '62.
Use of radioactive gold (Au^{198}) in radical operations for stomach cancer. S. V. Ryzhkov and others. Vop onk 8 no 2 51-56 '62.

STOMACH—DISEASES
Case of subserous venous varicose dilatation of the cardial segment of the stomach simulating a benign tumor in thrombophlebitic splenomegaly. A. I. Muzafarov. Zdrav. Kazakh. 21 no. 10:64-66 '61
Etiology of gastrointestinal diseases in children. P. G. Podgornova. Med zhur. Uzb no. 2:23-26 F '60.
Functional and histochemical changes in the pancreas in diseases and following surgery of the liver, gall bladder, stomach and pancreas (survey of Soviet and foreign literature). L. P. Volkova Vest. khir no 2:129-139 '62
Preulcerous diseases of the stomach. A. A. Dyskin. Voen.-med. zhur. no. 8:83-84 Ag '61
Prolapse of the gastric mucosa into the duodenal bulb. E. A. Brusilovskii. Zdrav. Kazakh. 21 no. 6:71-72 '61

STOMACH—INFLAMMATION
Dietic treatment of peptic ulcer and chronic gastritis and the conditions of the intestines [with summary in English]. A. V Frol'kis. Vop. pit. 21 no. 1:18-22 Ja-F '62.
Effect of Istisu mineral water on dyspeptic disorders and on the microflora of the stomach in gastritis in children [in Azerbaijani with summary in Russian]. N. M. Israfilova. Azerb. med. zhur. no. 11.31-34 N '61.

STOMACH—SECRETIONS
Effect of a tincture of Silene latifolia on gastric secretion. B. P. Konik. Zdrav. Kazakh. 21 no. 5:30-42 '61
State of gastric secretion in workers in hot workshops. V. A. Sukhanova. Gig. truda i prof. zab. no. 2:55-57 '62.

STOMACH—SURGERY
Application of a direct gastroduodenal anastomosis after a stomach resection because of cancer. A. P. Mirzaev. Vop. onk. 8 no. 2:57-63 '62.
Cicatrical stenosis of the esophagogastric anastomosis and its treatment. A. S. Lur'e. Khirurgiia no. 2:77-81 '62.
Closure of a penetrating defect of the stomach wall by means of a homotransplant in experimental radiation sickness. N. V. Stankevich. Zdrav. Bel. 7 no. 8:30-35 Ag '61.
Exocrine function of the pancreas after a stomach and duodenum resection by Petrushinskii's method. IU. Khalmov. Med. zhur. Uzb. no. 11:56-58 N '61.
Late results of stomach and duodenum resection. M. I. Petrushinskii. Med. zhur. Uzb. no. 11:45-47 N '61.
Late results of surgical treatment of alcatricial stenosis of the stomach and esophagus observed by X rays [with summary in English]. I. M. Stol'mashonok, G. F. Mazuro Vest. rent. i rad. 36 no. 4:50-52 Jl-Ag '61.
Methods of cholecystoenterostomy, hepatogastrostomy, and hepatoenterostomy. IU. T. Komorovskii. Nov. khir. arkh. no. 4:42-48 Jl-Ag '60.
Plastic surgery using the small intestine in repeated interventions for diseases of the stomach surgically treated previously. E. I. Zakharov, O. O. Lavrov. Nov. khir. arkh. no. 2:43-47 '62
Problems in the clinical aspects and treatment of patients after gastrectomy [with summary in English] G F Markova Khirurgiia no 2 71-77 '62
Red blood cell picture and the average erythrocyte diameter following partial and subtotal gastric resection [with summary in English] N. P. Timakin. Terap arkh no. 9:84-89 '61
Significance of anomalies of the intestine for selecting the type of anastomosis in gastric resections [with summary in English] A A Troitskii Khirurgiia no 2 91-95 '62
Stomach resection for stenosis following suturing of a perforating ulcer of the duodenum three times I. N Kolikov, S A Redkin. Kaz. med. zhur no 6 56-57 N-D '61
Study of the topography of vagus nerve branches for their preservation during gastric surgery. K. I. Chistovskii. Nov. khir arkh no 2.48-50 '62
Surgical treatment of gastric cancer according to data of the surgical ward of Sumy Province Hospital L. V. Suprun. Nov. khir. arkh no 2.21-24 '62
Technic for restoring the continuity of the digestive tract after gastrectomy. A I Saenko Vest. khir no 2 46-48 '62.
X-ray observations of intestinal function after gastrectomy [with summary in English]. IU. M. Pantyrev. Vest rent. i rad. 36 no 4 44-49 Jl-Ag '61.

STOMACH—TUBERCULOSIS
Tuberculosis of the stomach. M. S. Belen'kii, M. A. Zybina. Vrach. delo no 1:145-146 Ja '62.

STOMACH—TUMORS
Primary multiple gastric tumors. IU. F. Lomakin Zdrav Kazakh 21 no 6.69-70 '61

STOMACH—ULCERS
Perforation of the stomach by a second ulcer after suturing the first. M. M. Kil'diushev, Kh. A. Sibgatullin. Kaz. med. zhur no. 6 57 N-D '61.

STOMACH—WOUNDS AND INJURIES
Case of a gastric trauma and acute appendicitis in a child. V. I. Chervonookii. Nov. khir. arkh no. 4:105-106 Jl-Ag '60.

STOMATITIS
Clinical aspects and treatment of ulcerative stomatitis in children. P. T. Maksimenko Probl stom 5:411-416 '60.
Treatment of ulcerative gingivostomatitis with penicillin-novocaine solution. Z. A. Flis. Probl. stom 5:117-121 '60.

STOMATOLOGY
(see also subdivision under Kishinev)
Use of propolis in stomatology. N. F. Danilevskii and others. Probl. stom 5:422-428 '60

STONE see subdivision under Odessa Province

STONE, BUILDING see Building stones

STONE, CRUSHED
(see also subdivision under Donetsk Province)
Grain-size distribution in the material produced by crushing rock. G. M. Kliuev, E. I. Unitskaia, E IA. Riskova. Sbor. trud NIIZHelezobetona no 3:69-90 '60.
Separation of the oversize with a falling load. T. P. Zhumakhanova, I. V. Miliukova. Sbor. trud. NIIZHelezobetona no. 3:108-117 '60.
Ways to lower the net cost of stone, crushed stone, gravel, and sand for construction. A. I. Dain and others. Sbor. trud. NIIZHelezobetona no 3:147-158 '60.

STONE AGE
(see also subdivision under Arystandy Valley; Bakhchisaray District; Boroldaу Valley; Crimea; Dnieper Valley; Dzhraber region; Europe, Eastern; Floreshty region; Kama Valley; Karachai-Cherkess Autonomous Province; Khodzhikent; Kil'mentsy District; Kostenki; Kostenki region; Mal'ta, Siberia; Moscow Valley; Narym Valley; Nogliki; Odessa Province; Oskol Valley; Paskupa Valley; Russia, Northern; Seliger Lake region; Vladimir, Volgograd region)
On the work of sections of the Institute of Archaeology of the Academy of Sciences of the U.S.S.R in 1950; Section of the Neolithic and Bronze Ages. V. I. Markovin. Krat. soob. Inst. arkheol. no 84:136-142 '61.
Population of the European part of the U. S. S. R. in the late Paleolithic and Mesolithic periods. V. P. Iakimov. vop. antr. no. 7:23-29 '61.

STONE AND ORE BREAKERS—MAINTENANCE AND REPAIR
Expenditure of spare parts and materials on capital and operational repairs of the SM-11A, SM-16A and S-182A stone crushers. A. M. Petrov, T. T. Lukasheva. Sbor. trud. NIIZHelezobetona no. 3:134-148 '60.

STONE IMPLEMENTS
(see also subdivision under Avdeyevo, Caucasus, Northern, Northern Donets Valley, Volgograd region)
Using rock crystal and its analogues for primitive implements V. F. Petrun' Sov arkheol 6 no 1:36-43 '62

STONE INDUSTRY—EQUIPMENT AND SUPPLIES
Lining of a gravity trough with basalt tiles. D. I. TSomaiov, E. B. Krel'man Put' i put. khoz 6 no. 2 31-32 '62.

STONY TUNGUSKA VALLEY see Podkamennaya Tunguska Valley

STOPING (MINING)
(see also subdivision under Nikopol' region)
Measuring wall rock displacements in stopes for studying rock pressure. N. G. Rusakov. Sbor trud. Inst gor. dela AN URSR no. 8:58-65 '61.
Overall mechanization of stopes in coal mines. V N Khorin Ugol' 37 no 3 26-27 Mr '62
Pillar drawing in shrinkage sloping. N. A. Egorov. Sbor. trud Inst. gor dela AN URSR no. 8:11-21 '61.

STORAGE BATTERIES
Automation of storage battery charging operations V. M. Shamonov. Energetik 10 no. 3:31 Mr '62.

STORAGE BATTERIES—CLEANING
System for mechanical washing of storage batteries. A. IA. Pavlenko. Ugol' Ukr. 6 no 1:41 Ja '62.

STORES, RETAIL
(see also subdivision under Kazakhstan, Oktyabr'skiy, Bukhtarminskiy District, Rozhdestvenka, Kazakhstan)
Commercial enterprises in a residential development. A Gaiduchenia Stroi. i arkhit. 9 no 12 7-9 D '61.

STORMS, MAGNETIC see Magnetic storms

STOVES
Device for heating mortar and concrete in the winter. Sel'. stroi. 16 no. 12.26 D '61.

STRABISMUS
Prevention of concomitant strabismus. A. N. Dobromyslov. Zdravookhranenie 4 no. 6.6-10 N-D '61.
Surgical treatment of strabismus by shortening the appropriate muscle with a fold. M. F. Leont'eva Zdrav. Kazakh. 21 no 6:24-29 '61

STRAINS AND STRESSES
Akademiia stroitel'stva i arkhitektury SSSR. Institut betona i zhelezobetona, Porovo. [Instructions for calculating statistically indeterminate reinforced-concrete construction elements taking the redistribution of stresses into account] Instruktsiia po raschetu staticheski neopredelimykh zhelezobetonnykh konstruktsii s uchetom perераspredeleniia usilii. Izd. 2. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 109 p.
A boundary condition of the problem on stresses around a well shaft in calculating fluid flow. D. N. Kuz'michev, Trudy GrozNII no. 10:185-186 '61.
Concentration of stresses in tension under the conditions of plane and axisymmetric creep strain. A. N Guzhin. Energomashinostroenie 8 no. 3:18-21 Mr '62.
Determination of internal stresses in BrKMts3-1 bronze rods and causes for the cracking of these rods in storage. K. K. Goderzian and others. Trudy Giprotsvetmetobrabotka no. 20 167-186 '61.
Effect of high-frequency currents on the reactions of strained leather. E. S Sheinis, S. S. Vasil'ev. Nauch. trudy MTILP no. 18:52-60 '60.
Effect of initial stresses on the relaxation of wire for stressed reinforced concrete V. I. Kokhno. Stal' 22 no 2:186-187 F '62.
Effect of the moisture o
tact stress in the mect
TSvetkov, V. D. Rybchi
no. 18;76-90 '60.
Investigating the limits
combined loading. V.
Issl. po uprug. i plast
Investigation of the elasi
ral steel in plane stres
Trofimov. Trudy TSN
Relations between stres
tic media. A. A. Vakul
no. 1:3-35 '61.
Relationship between the
equilibrium extension
G. T. Darovskikh, A. B
15-16 F '62.
Residual surface stress
piercing mill. N. A. Al
AN Azerb. SSR. Ser. fiz
'61.
Russia (1923- U. S. S. R
delam stroitel'stva [Tec
determining stresses o
ships] Tekhnicheskie u
ot sudov na prichal'nye
zhdeny 1 oktiabria 1960
lit-ry po stroit., arkhit
29 p.

Sarensen, S. V., ed. [Strength under nonstationary loading conditions] Prochnost' pri nestatsionarnykh rezhimakh nagruzki. Kiev, Izd-vo Akad. nauk USSR, 1961. 291 p.
[MICROFILM]

STRAINS AND STRESSES—MODELS
State of stress in pillar bases. D. P. Senuk. Izv. vys. uchebn. zav., tsvet. met. 5 no. 1:15-21 '62.

STRATEGIC MATERIALS see subdivision under Canada

STRATIGRAPHIC GEOLOGY see Geology, Stratigraphic

STRATIGRAPHIC PALEONTOLOGY see Paleontology, Stratigraphic

STRAZHESKO, NIKOLAI DMITRIEVICH, 1876-1952
On the 85th anniversary of the birth of Academician N. D. Strazhesko. A. I. Mikhnev, K. F. Dudenko. Terap. arkh. no. 12:107-113 '61.

STREAM MEASUREMENTS
(see also subdivision under Transbaikalia)
Computing daily discharges of a tributary river in case of variable back water afflux from the receiving river. V. N. Ermolov. Shor. rab. po gidrol. no. 2:16-20 '61.
Formula for discharge computation by an analytical method. A. P. Braslavskii. Shor. rab. po gidrol. no. 1:110-115 '59.
Heaving of the river bottom during freezing and its effect on the stage-discharge relation. V. S. Vlasenko. Shor. rab. po gidrol. no. 2:21-24 '61.
Hydraulic conditions in areas of flow hindering structures. V. V. Balanin, V. M. Seleznev. Trudy LIVT no. 7:5-16 '60.
Hydrostatic gauge with pneumatic long-distance stage transmission. V. N. Aleksandrov. Shor. rab. po gidrol. no. 2:25-29 '61.
Icings and the discharge capacity of the stream channel under the ice cover. K. I. Rossinskii. Trudy Gidroproekta no. 4:298-316 '60.
Investigating the drift of hydrometric apparatus in open streams. D. IA. Ratkovich. Trudy Gidroproekta no. 4:243-252 '60.
Method for accelerated processing and verification of discharge data. A. V. Krivonos. Shor. rab. po gidrol. no. 1:121-122 '59.
Method of calculating the winter runoff of rivers during the fall run of sludge and ice and the beginning of freezing. L. A. Vasiliskov. Shor. rab. po gidrol. no. 1:116-120 '59.
Relationship between the parameter of maximum discharge A and the depth of spring runoff in the steppe and forest steppe zones of the European part of the U. S. S. R. L. M. Konarzhevskii. Shor. rab. po gidrol. no. 1:134-137 '59.

STREET-CLEANING MACHINERY
Bukreev, E. M., V. N. Denisov, and G. I. Karaban. [Foreign machinery for city cleaning] Zarubezhnye mashiny dlia sanitarnoi ochistki i uborki gorodov. Moskva, Izd-vo M-va kommun. khoziaistva RSFSR, 1961. 178 p.

STREET LIGHTING
"Sirius," the most powerful tubular xenon lamp in the world. L. S. Marshak, V. I. Vasil'ev, A. L. Vasserman. Svetotekhnika 8 no. 3:7-13 Mr '62.

STREET RAILWAYS
Klopotov, K. K. [Hinge-articulated rolling stock of streetcars and trolley buses] Sharnirno-sochlenennyi podvizhnoi sostav tramvaev i trolleibusov. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1961. 138 p.

STREETCARS see subdivision under Riga

STREL'NIKOV, DMITRII ALEKSANDROVICH, 1881-
Eightieth birthday of Professor D. A. Strel'nikov. Ugol' 37 no. 3:66 Mr '62.

STRENGTH OF MATERIALS
Contact strength of hard alloys of brand VK. L. F. Vereshchagin, V. A. Shapochkin, L. B. Pirogova. Zhur. tekh. fiz. 32 no. 2:233-237 F '62.
Estimating the *strength of plasticized* polyvynil chloride reinforced with cotton and capron fibers [with summary in English]. E. S. Umanskyi. Dop. AN URSR no. 2:187-191 '62.
Konferencja "Wytrzymalosc zmeczeniowa tworzyw i elementow metalowych," Warsaw, 1960. [Fatigue strength of materials and structural elements, papers *(in Russian)*] Ustalostnaia prochnost' materialov i elementov; materialy (russkie teksty). Nauchnye red. Alfred Bukh. Warszawa, Wyd-wo In-tu mechaniki precyzyjnej, 1961. 67 p.
Statistical methods for evaluating the effect of the concentration of *stresses* and absolute dimensions on fatigue endurance. V. P. Kogaev, S. V. *Serensen*. Zav. lab. 28 no. 1:79-87 '62.
Ultimate strength of metals subjected to torsion. I. E. Kurov, V. A. Stepanov. *Fiz. tver. tela* 4 no. 1:191-201 Ja '62.
Ultimate strength of steel in the presence of active metal melts. M. I. Chaevskii, L. B. Brukhanova, V. I. Likhtman. Dokl. AN SSSR 143 no. 1:92-94 Mr '62.

STRENGTH OF MATERIALS—PROBLEMS, EXERCISES, ETC.
Shapiro, D. M., and others. [Collected problems on the strength of materials] Sbornik zadach po soprotivleniiu materialov. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 299 p.

STREPETOVA, POLINA ANTIP'EVNA, 1850-1903
Strepetova, P. A. [Life and roles of a tragic actress] Zhizn' i tvorchestvo tragicheskoi aktrisy. Leningrad, "Iskusstvo," 1959. 340 p.

STREPTOMYCIN
Clinical experimental study of dihydrostreptomycin pantothenate in tuberculosis [with summary in English]. L. S. Stepanian, B. IA. Stukalova, N. M. Makarevich. Antibiotiki 5 no. 9:30-33 S '61.
Countercurrent distribution method for detecting a new streptomycin-like antibiotic produced by the LS-1 strain of Str. griseus (Act. streptomycini) [with summary in English]. V. M. Baikina and others. Antibiotiki 7 no. 2:112-117 F '62.
Regularities in the distribution of streptomycin in the body in experimental allergic reactions [with summary in English]. V. P. Iakovlev. Antibiotiki 7 no. 1:85-90 Ja '62.
Results of treating children with tuberculous meningitis without endolumbar administration of streptomycin. S. V. Gamilitskaia. Zdrav. Kazakh. 21 no. 10:15-19 '61.
Structural changes in Flexner's dysentrial bacteria under the influence of streptomycin [with summary in English]. A. G. Khvoles. Zhur. mikrobiol., epid. i immun. 32 no. 9:130-133 S '61.
Use of dihydrostreptomycin pantothenate in the treatment of tuberculosis [with summary in English]. S. G. Polikova. Antibiotiki 6 no. 9:31-36 S '61.
Use of plaster mixed with streptomycin and penicillin for filling bone cavities after removing isolated tuberculous foci. M. V. Shats. Nov. khir. arkh. no. 4:35-40 Jl-Ag '60.

STREPTOMYCIN—TOXICOLOGY
Sanitary hygienic characteristics of work conditions in streptomycin production. V. G. TSapko, V. V. Panotovskaia, N. A. Krasnoshchekov. Gig. truda i prof. zab. 6 no. 1:52-53 Ja '62.

STRESS (PHYSIOLOGY)
Characteristics of the function of the cardiovascular system under static stress [with summary in English]. V. V. Skriabin, R. A. Shabunin, S. N. Dobromyslov. Gig. truda i prof. zab. 6 no. 1:39-45 Ja '62.

STRIKES AND LOCKOUTS
(see also subdivision under France, Kostroma Government, Turkestan)
V. I. Lenin on the national character of workers' *strikes* during the years of the new development of the revolutionary idea in 1910-1914. M. V. *Sidorov*. *Trudy IMI* no. 30:125-137 '60.

STRING QUARTET see subdivision under *Leningrad*

STRIP MINING
(see also subdivision under Chasov Yar region, Ekibastuz Basin; Kazakhstan, Kuznetsk *Basin*, Siberia, Eastern; Suvorov region, Tula *Province*, Tunguska Basin)
Choice of a method of developing a conveyor dump and the length of the dump space. N. A. Malyshova, V. S. IAmshchikov. Gor. zhur. no. 7:20-23 Jl '61.
Coefficient of overburden stripping in working complex *ore deposits*. N. I. Smirnov. Izv. AN Kazakh. SSR, Ser. gor. dela no. 1:42-48 '61.
Concerning a certain error in the theory of planning and designing *open-pit mines*. D. F. Bortsov. Ugol' Ukr. 6 no. 2:27-28 F '62.
Conditions *affecting the stability of the foundations* of open-pit sides. V. I. Pechkovskii. Shor. trud. Inst. gor. dela AN URSR no. 8:28-31 '61.
Determination of the best productivity *for district* rock, gravel, and sand open pits. IU. M. Motov. Shor. trud. NIIZHelezobetona no. 3:159-173 '60.
"Determining the productivity and boundaries of strip mines" by A. I. Arsent'ev. Reviewed by B. V. Pozdniakov, I. M. Preobrashenskii, V. G. Suvorov. *Gor. zhur.* no. 11:79-80 N '61.
Effect of boring and blasting operations on the stability of the edges of strip mines. M. E. Peysner, V. F. Kirienko, D. N. Kim. Gor. zhur. no. 12:12-16 D '61.
Establishing parameters in *strip mining*. N. P. *Chalko*. Izv. AN Kazakh. SSR, Ser. gor. dela no. 2:34-44 '61.
Introduce new highly efficient technology in open-pit mining of hard ores. M. G. Novozhilov and others. Gor. zhur. no. 10:20-21 O '61.
Limit coefficient of baring. I. V. Glauer. Ugol' 37 no. 2:21-23 F '62.
Plotting the expected surface of *slide* according to the stresses in the pit sides. S. N. Nikitin. Ugol' 37 no. 1:36-38 Ja '62.
Raw material base of gravel and sand materials [illegible] stone for the construction of district [illegible] enterprises. B. IA. Rautzen. Shor. trud. Nerud zobetona no. 4:174-188 '60.
Safonkin, M. S., and V. A. Kataev. [Operation of drilling rig in an open pit] Mashinist burovogo stanka kar'era. Moskva, Gos. nauchno-tekhn. [illegible] po gornomu delu, 1961. 240 p.
"Strip mine dumps" by P. E. Zurkov and [illegible] V. [illegible]. Reviewed by M. V. Vasil'ev and others. Gor. zhur. no. 7:79-80 Jl '61.
"*Strip mining*" by M. G. Novozhilov. Reviewed by [illegible] Vasil'ev and others. Gor. zhur. no. 7:79-80 Jl '61.
What is the reason? G. Volkov, A. Shushko. [illegible] 39 no. 7:75-78 Jl '62.

STROMATOPOROIDAL
Cambrian stromatoporoids. A. N. Vlasov. [illegible] no. 3:32-32 '61.

STROMEYERITE see subdivision under Argentite

STRONTIANAPATITE see subdivision under [illegible] Mountains

STRONTIUM
Some initial errors in the determination of [illegible] geological age by the strontium method [abstract in English]. I. M. Gorokhov. Geokhimiia no. [illegible] '61.

STRONTIUM—ISOTOPES
Distribution of strontium-90 and continuous [illegible] components of a biogeocenosis. G. I. Mats[illegible] and others. Dokl. AN SSSR 140 no. 5:1201-[illegible]

STRONTIUM—SPECTRA
Oscillation forces of the spectral lines of [illegible] strontium, and barium. N. P. Penkin, [illegible] Opt. i spektr. 12 no. 1:3-11 Ja '62.

STRUCTURAL FRAMES
Design of frames for horizontal loading. [illegible] Izv. vys. ucheb. zav.; stroi. i arkhit. [illegible]
Use of multipurpose structures with [illegible] parts in foundries. A. M. Mamakin, [illegible] Konstr. i tekh. mash. no. 1:118-120 '61.

STRUCTURAL FRAMES—TESTING
Investigating the resilience of a rectangular [illegible] tion lattice support for electric power [illegible] lines under the effect of torque. V. I. [illegible] TSNIPSK no. 4:14-60 '61.

STRUCTURAL FRAMES—WELDING
Multiple pass argon-arc welding of AMg6 [illegible] structures. K. V. Andreev, V. K. Mokeev [illegible] no. 2:33-34 F '62.
Semiautomatic welding of metallic structures [illegible] tective water vapor atmosphere. I. [illegible] Zhelobakiskii. Svar. proizv. no. 3:32 [illegible]

STRUCTURAL GEOLOGY See Geology, Structural

STRUCTURES, THEORY OF
Combined resilience of the steel framework [illegible] with that of a gantry crane. M. R. [illegible] TSNIPSK no. 4:95-110 '61.
Investigating resilience and the design of [illegible] frames and columns with flexible [illegible] na, A. R. Remskii. Trudy TSNIPSK no. 4:61 [illegible]
Lusis, J., and E. Siede. [Statics of structures] Statika. Riga, Latvijas Valsts izdevnieciba, [illegible] 340 p. [In Latvian]

STRUVE, VASILII VASIL'EVICH, 1889-
On the 70th birthday of Academician Vasilii [illegible] Struve, an honorary member of the Department of Archeology of Central Asia. Trudy Inst. [illegible] 5-10 '60.

STRYCHNINE
Changes in the nerve cells of the cerebral cortex [illegible] by strychnine [with summary in English]. [illegible] vili. Trudy Inst. fiziol. AN Gruz. SSR [illegible]

STRYY—RAILROADS—*REPAIR SHOPS*
Mikhal'skii, V. N., and A. P. Pofalitov. [Organization of the conveyor method of car repairs, [illegible] the Stryy Railroad Car Repair Plant] Organizatsiia konveiernogo metoda remonta vagonov; opyt [illegible] vagonoremontnogo zavoda. Moskva, Vses. [illegible] poligr. ob"edinenie M-va putei soobshcheniia [illegible] 79 p.

STUDENT ACTIVITIES
(see also subdivision under Volkhov)
Development of student activities in boarding [illegible] O. S. Kell'. Dokl. APN 5 no. 5:31-34 '61.
In an elementary school with longer hours. A. [illegible] Nar. obr. no. 3:79-80d F '62.
Let's awaken independence of thought and [illegible] knowledge. E. Konokotin, L. Novikov. Nar. [illegible] 71-73 F '62.
Let's give more attention to technical creativeness. B. Orel. Prof.-tekh. obr. 19 no. 2:17-18 F '62.

STUDENT ACTIVITIES (Continued)

Schools with longer hours maintained by a common effort. V.Kozlov. Nar.obr. no.3 22-24 Mr '62.

Skillful hands. G.Grigor'ev. Sem'ia i shkola 17 no.2 32 F '62

Socially useful work as means of training the Pioneers P. M. Nazimala Sov.pedag. 26 no.1:77-80 Ja '62

There is no place for boredom.... V. Iur'ev. Prof.-tekh.obr. 19 no.2:25 F '62.

Treasure chest of pedagogical experience. Nar.obr. no.3 67 Mr '62.

Vacations and holidays in boarding schools. Shkola-int. no.1:86-87 Ja-F '62.

Work of the schools and groups with longer hours. A. I. Dovgun, G. M. Mel'nikova Sov.pedag. 26 no.1: 70-76 Ja '62

STUDENT EMPLOYMENT

First experience in establishing agricultural work norms for students. A. D. Sazonov Shkola i proizv. 6 no.2: 36-39 F '62

STUDENT TEACHING see subdivision under Ukraine

STUDENTS

My students. S. Uzenskii. Nar.obr. no.2 61-70 F '62.

STUDENTS, CUBAN see subdivision under Novaya Kakhovka

STUPOR

Dynamics of reactive stuporous states. I. A. Pavlyshenko. Probl. sud. psikh. 9 241-249 '61

Influence of the summation of stimuli in stuporous states of varying etiology. V. M. Shpak Probl. sud. psikh. 9: 291-297 '61.

Intermittent prolonged psychogenic stuporous states. Sh. A. Gamkrelidze. Probl. sud. psikh. 9:191-197 '61

Reactive stuporous states and their treatment. M. I. Kozyrkina Probl. sud. psikh. 9:250-251 '61

STYRENE

Addition of methylbutyl- and methylisobutylfluorosilanes to styrene. M. F. Shostakovskii, B. A. Sokolov, A. N. Grishko. Zhur. ob. khim. 32 no.2:663 F '62.

Catalytic dehydrogenation of ethyl benzene into styrene. O. K. Bogdanova and others Neftekhimiia 1 no.2: 195-200 Mr-Ap '61

Investigation of the polymerization of isopropenyl aromatic compounds. Ionic polymerization of p- and o-substituted α-methyl-styrenes and α-isopropenylnaphthalene. A. M. Polikarov, V. V. Korshak, N. A. Lipatnikov. Neftekhimiia 1 no.2:221-229 Mr-Ap '61

Some features of the kinetics of styrene polymerization initiated by tertiary butyl peroxide and by tert-butylperbenzoate. S. S. Ivanchev, A. I. Ul'zhenko, N. I. Solomko. Dokl. AN SSSR 140 no.5:1079-1082 O '61.

Synthesis of vinylcyclohexene and styrene from butadiene. I. A. M. Paushkin, A. G. Liuvtak. Neftekhimiia 1 no.1 60-64 Ja-F '61

Utilization of "styrene resin" of the Sumgait synthetic rubber plant. Skamkhal Mamedov, D. N. Khydyrov, A. S. Agaev. Neftekhimiia 1 no.5:801-804 S-O '61

STYRENE—SPECTRA

Optical study of certain 1,2-diaryl-substituted ethylenes in polystyrene. L. L. Nagornaia, I. IA. Maikes, L. V. Shabina. Opt. i spektr. 12 no.1:117-120 Ja '62.

STYRENE POLYMERS

Gluing, dyeing, and painting of articles made of polystyrene. A. G. Serobennikova, V. L. Ber. Plast. massy no.2:46-48 '62.

Structure formation in a plasticized crystalline polystyrene. V. A. Kargin, T. I. Sogolova, G. Sh. Talipov Dokl. AN SSSR 142 no.4 844-846 F '62.

SUBLIMATION (PHYSICAL SCIENCES)

Severshonnyi, V. D., and G. A. Tirskii. [Sublimation of a solid near the critical point in plane and axially symmetric gas flows; Conference on Heat and Mass Transfer, Minsk, January 23-27, 1961] Sublimatsiia tverdogo tela v okrestnosti kriticheskoi tochki v ploskom i osesimmetrichnom potokakh gaza; soveshchanie po teplo-i massoobmenu, g. Minsk, 23-27 ianvaria 1961 g. [Minsk, 1961] 15 p. [MICROFILM]

Vaulin, E. P. [Heat and mass transfer in a body in the case of a solid - gas-phase transition occurring on its surface; Conference on Heat and Mass Transfer, Minsk, January 23-27, 1961] Teplo-i massoobmen pri nalichii na poverkhnosti tela fazovogo perekhoda tverdoe telo - gaz; soveshchanie po teplo-i massoobmenu g. Minsk, 23-27 ianvaria 1961 g. [Minsk, 1961] 16 p. [MICROFILM]

SUBMARINE BOATS

Electric motors will not let you down. M. Dudin. Starsh.-serzh. no.10-13 O '61.

The ship did not hold to the depth. G. Teplov, IU. Tarskii. Starsh.-serzh. no.10-17 O '61.

"Submarine boats of the imperialist states" by V. N. Gerasimov, V. F. Drobienkov. Reviewed by V. Balakirev. Starsh.-serzh. no.9-37 S '61.

"Tale about a submarine" by IU. Tarskii Reviewed by A. Rodionov Starsh.-serzh. no.10 36 O '61

With future submariners V. Nikolaev. Starsh.-serzh no.10 16 O '61

SUBMARINE GEOLOGY see subdivision under Black Sea

SUBMARINE MEDICINE

Equipping submarines with sterile material I. M. Shilago Voen.-med. zhur. no.8:66-67 Ag '61

Prevention of barotrauma of the ears in submarine personnel M. T. Kroshko Voen.-med. zhur. no.8,64-66 Ag '61

Some data on the structure of traumatic injuries in underwater explosions Z. M. Evenshtein. Voen.-med. zhur. no.8:80 Ag '61

SUBMARINE MINES see Mines, Submarine

SUBMARINE PHOTOGRAPHY see Photography, Submarine

SUBMARINE TOPOGRAPHY

(see also subdivision under Atlantic Ocean; Pacific Ocean)

Classifying the types of surveys used in exploring the bottom relief of oceans M. G. Alpatov Okeanologiia 2 no.1 146-150 '62

Second discovery of the earth B. Liapunov Tekh. mol. 30 no.1:3-4 '62.

SUBSIDENCES (EARTH MOVEMENTS) see subdivision under Caucasus, Northern; Taman' Peninsula

SUBSTATIONS, ELECTRIC see Electric substations

SUBTILIN

Role of the pH and the cobalt ion in the stabilization of the polarographic wave of proteinase of Bacillus subtilin during thermal denaturation. I. D. Ivanov, E. E. Rakhleeva Dokl. AN SSSR 142 no.2 468-470 Ja '62.

SUCCINIC DEHYDROGENASE

Histochemical studies on diaphorase and succinic dehydrogenase in induced and transplanted hepatomas [with summary in English]. N. T. Raikhman. Vop. onk. 7 no.7 28-34 '61.

SUCCINIC OXIDASE

Effect of substances inhibiting free-radical reactions on the activity of enzymes of the succinic oxidase system. I. I. Pelevina, L. P. Lipchina. Dokl. AN SSSR 140 no.5:1199-1200 O '61.

SUCCINIMIDE

Effect of N-bromosuccinimide on pepsin and pepsinogen L. A. Lokshina, V. N. Orekhovich, V. N. Pandakova. Dokl. AN SSSR 142 no.2,471-473 Ja '62.

SUEZ CANAL

The "nationality" of juristic persons; apropos of the nationalization of the Suez Canal Company A. M. Ladyzhenskii Sov. gos. i pravo no.2:90-95 F '57.

Nationalization of the Suez Canal Company was a lawful act of Egypt as a sovereign state. L. A. Lunts, Sov. gos. i pravo no.2:82-89 F '57.

SUEZ CANAL—HYDROLOGY

Hydrology of the Suez Canal, the Red Sea, and the Gulf of Aden. A. M. Muromtsev. Meteor. i gidrol. no.2:42-15 F '62.

SUFFOCATION see Asphyxia

SUGAR BEET BREEDING

Vsesoiuznaia akademiia sel'skokhoziaistvennykh nauk imeni V. I. Lenina. [Achievements of science and advanced practices in sugar beet growing] Dostizheniia nauki i peredovoi opyt po sveklovodstvu. Moskva, Sel'khozgiz, 1961. 403 p. (DA)

SUGAR BEETS

(see also subdivision under Vinnitsa District)

Dynamics of the sugar content of sugar beet roots in connection with the metabolism of carbohydrates and nitrogen substances in checkrow cultivation N. IA. Ignatova. Vest. sel'khoz. nauki [Kazakh.] 4 no.12.35-50 D '61

Increase of sugar content in sugar beets. V. IU. Bazavluk. Vest. AN SSSR 32 no.2 51-53 F '62.

From the pages of agricultural journals. Tekh. v sel'khoz. 22 no.2:92-93 F '62.

Introduction of technological innovations. V Svetlichnyi. Sel'. mekh. no.2:2-4 '62.

Late fall sowing as a method for developing resistance to flower-stalk formation in sugar beets grown for feed purposes in the non-Chernozem zone. B. V. Kvasnikov, M. D. Laricheva. Agrobiologiia no.6:791-795 N-D '61.

Machine for harvesting sugar beet seed plants. S. IA. Bogachev. Trakt. i sel'khozmash. 32 no.2,33 F '62

The machinery of sugar beet fields. K. Shramko. Tekh. v sel'khoz. 22 no.1:11-14 Ja '62.

Studying the heredity of fascinations in monospermous sugar beets. P. D. Pinchuk, E. P. Prikhodchenko. Biul. Glav. bot. sada no.43:83-87 '61.

Sugar beet planter with a device for thinning the sprouts. B. F. Kuznetsov. Trakt. i sel'khozmash. 32 no.3:34-35 Mr '62

SUGAR BEETS—HARVESTING

Aleksin, F. E., and A. A. Repchanskii. [Mechanized harvesting of sugar beets for feed] Mekhanizatsiia uborki sakharnoi svekly na kormovye tseli. [Moskva] Mosk. rabochii, 1961. 61 p. (DA)

SUGAR INDUSTRY see subdivision under Gorodeya; Ukraine

SUGAR INDUSTRY—FINANCE see subdivision under Lvov Province

SUGAR MANUFACTURE—EQUIPMENT AND SUPPLIES

Corrosion resistance of brass tubes in the sugar industry. A. E. Gopius, IU. A. Kats Trudy Giprotsvetmetobrabotka no.20 265-279 '61

SUGARS

Method of determining microgram quantities of reducing sugars in natural waters by use of alkaline solution of bivalent copper. A. D. Semenov, I. N. Ivleva, V. G. Datsko. Gidrokhim. mat. 34:138-146 '61.

Unfermented sugars and dextrines from grain and molasses wort V. A. Vatkovskaia, A. G. Zabrodskii. Izv. vys. ucheb. zav., pishch. tekh. no.6 37-43 '61

SUGGESTION, MENTAL see Mental suggestion

SUGGESTION SYSTEMS

(see also subdivision under Kemerovo Province)

More attention to suggestions for improvements and inventions. G. A. Monakhov. Zdrav. Bel. 7 no.8:50-51 Ag '61.

Taluntis, E. R. [Courage is work's password] Trud otvagu liubit. [Leningrad] Lenizdat, 1961. 101 p. (Rabotat' i zhit' po-kommunisticheski)

SUKHNAY BAYBET REGION—GEOLOGY, STRATIGRAPHIC

Find of molluscs of the genus Corbicula in Quaternary deposits of the Lake Baikal region N. A. Logachev, S. P. Popova Dokl. AN SSSR 143 no.1 188-190 Mr '62.

SUKHONA RIVER—FLOODS

Flood on the Sukhona River in 1955. V. N. Volkov. Vologkrai no.1:125-132 '59.

SUKHUMI REGION—EXCAVATIONS (ARCHAEOLOGY)

Discovery of human bones in Grot Khupynipshakhva (Kholodnyy Grot) in Abkhazia. I. N. Solov'ev, V. S. Orelkin Vop. antr. no.6:143-145 '61.

SULFAMIDE

Introduction of substituents into the benzene ring of indole Part 7. Sulfamides of the indole and indoline series. A. P. Terent'ev, Ge Ban-lun', M. N. Preobrazhenskaia Zhur. ob. khim. 32 no.1 177-181 Ja '62.

Reaction of asymmetric derivatives of urea during melting with 4-chloro-3-nitrophenylalkyl(aryl)sulfones and sulfamides. V. A. Lavrishchev, A. E. Kretov. Zhur. ob. khim. 32 no.2;502-506 F '62

SULFANILAMIDE

Case of fixed recurrent bullous dermatitis as a result of streptocide treatment. T. T. Tadzhibaev. Med. zhur. Uzb. no.9:63 S '61.

Treatment of diabetes with long-action insulin and sulfanilamide preparations. M. I. Dashkevich. Zdrav. Bel. 7 no.6:37-39 Je '61

SULFATES

Conductometric titration of the system H_2SO_4 - $ZnSO_4$ - Na_2SO_4. M. I. Usanovich, Z. P. Akusheva. Zhur. prikl. khim. 35 no.2:447-449 F '62.

SULFATES—ANALYSES

Determining sulfates in water extracts and natural waters by the trilonometric method. P. G. Grabarov. Izv. AN Kazakh. SSR Ser. bot. i pochv no.2:90-93 '61

SULFATHIAZOLE

Changes in the biosynthesis of vitamin B_{12} and p-aminobenzoic acid in Bacillus megaterium due to the effect of adaptation to norsulfazole N. D. Ierusalimskii, L. D. Shaforostova. Dokl. AN SSSR 142 no.5:1176-1179 F '62

SULFIDES

(see also subdivision under Tajik Depression; Ural Mountains)

Concerning the form of gallium occurrence in the oxidation zone of sulfide deposits. N. I. Razenkova, G. F. Galaktionova. Geokhimiia no.1:90-92 '62.

Formation of sulfide compounds in types of slag. V. S. Gorshkov, T. A. Khmelevskaia. Sbor. trud. VNIINSM no.4;22-27 '61.

Nitrogen compounds of petroleum Report No.2 Separation of nitrogenous bases of petroleum from organic sulfides. N. N. Bezinger, M. A. Abdurakhmanov, G. D. Gal'pern. Neftekhimiia 1 no.2:149-155 Mr-Ap '61.

Synthesis of alkyl (aryl) tetrafluorophosphines and dialkyltrifluorophosphines and their interaction with inorganic sulfides. I. P. Kornkov and others. Zhur. ob. khim. 32 no.1;301-307 Ja '62.

SULFIDES—METALLURGY

Formation of compounds in binary sulfide systems. O. K. Sokolov. Izv. AN SSSR. Otd. tekh. nauk Met. i topl. no. 1 54-55 Ja-F '62.

SULFIDES—SPECTRA

X-ray L_{23} emission spectra of sulfur in sulfides A. V. Ivanov. Izv AN SSSR Ser. fiz 26 no 3:405-408 Mr '62.

SULFONATION

Sulfonation of phenols of the middle cut of shale tar. E. E. Feofilov and others Khim i tekh gor slan i prod ikh perer no 8,210-218 '60

SULFONES

Reaction of asymmetric derivatives of urea during melting with 4-chloro-3-nitrophenylalkyl(aryl)sulfones and sulfamides V. A. Lavrushchev, A. E. Kretov Zhur ob khim. 32 no. 2:502-506 F '62

SULFONIC ACID

Correlation of the rate constants in the alkaline hydrolysis of aromatic sulfonic acid esters as dependent on their structure. V. A. Palim, R. V. Vizgert. Dokl AN SSSR 142 no. 5:1091-1094 F '62

SULFONYL CHLORIDE

Mechanism of hydrolysis of aromatic sulfochlorides Part 12. R. V. Vizgert Zhur ob khim. 32 no 2 628-633 F '62

SULFUR

(see also subdivision under Carpathian Mountain region)

Behavior of pyrite sulfur during the semicoking of brown coal [with summary in English]. S. M. Bilokin'. Dop AN URSR no 2:207-211 '62.

Effect of a sulfur admixture on the electric properties of selenium. G. M. Aliev, Ch. M. Askerov, I. G. Kerimov. Izv. AN Azerb. SSR. Ser. fiz.-mat i tekh nauk no 5:45-49 '61.

SULFUR—ISOTOPES

Luminescent microscopy of marrow in internal irradiation by S^{35} Report No. 2. N. M. Oganesian Izv AN Arm. SSR, Biol. nauki 15 no 1 95-98 Ja '62.

SULFUR—SPECTRA

Interpretation of the absorption K-spectra of sulfur in molecules and crystals by the Stark effect in an exciton. R. L. Barinskii, B. A. Maliukov. Izv. AN SSSR. Ser fiz 26 no 3:412-418 '62.

SULFUR COMPOUNDS

Catalytic reforming of stocks with different sulfur content. N. R. Bursian, G. N. Maslianskii *Khim i tekh. topl. i masel* 7 no. 3 10-12 Mr '62

Electron microscope study of the change of sulfur compounds in intermediate distillate fuels from Volga Valley oil during heating. IA. B. Chertkov and others Zhur. prikl. khim 35 no. 2:394-397 F '62.

SULFUR CRYSTALS see subdivision under Dniester Valley

SULFUR DIOXIDE

Decomposition of kaolins by sulfur dioxide under conditions of a continuous process P. V. Dybina. Zhur. prikl. khim. 35 no. 2:443-447 F '62.

Kuz'minykh, I. N., M. D. Babushkina, and E. V. Babaev. [New equipment for the cooling and scrubbing of sulfur dioxide] Novaia apparatura dlia okhlazhdeniia i promyvki sernistogo gaza. Moskva, Goslesbumizdat, 1960 68 p.

Sulfur N-arylsulfonyliminodioxide. E. S. Levchenko, A. V. Kirsanov. Zhur ob. khim. 32 no. 1:161-165 Ja '62.

SULFUR MINES AND MINING see subdivision under Poland

SULFUR ORGANIC COMPOUNDS

Effect of organosulfur compounds on the oxidability of lubricating oils. S. E. Krein, I. A. Rubinshtein, E. A. Popova. Neftekhimiia 1 no. 5:683-690 S-O '61.

Sulfur N-arylsulfonyliminodioxide. E. S. Levchenko, A. V. Kirsanov. Zhur. ob. khim. 32 no. 1:161-165 Ja '62.

SULFURIC ACID

Amelin, A. G., L. G. Pliskin, and N. N. Shumilovskii, [Principles of the automation of sulfuric acid manufacture by the contact process] Osnovy avtomatizatsii proizvodstva sernoi kisloty kontaktnym metodom, Moskva, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1961. 313 p.

Anode diffusion of copper-zinc alloys in sulfuric acid with a varying percentage relationship of the alpha and beta crystals. S. S. Gastev. Nauch. trudy MPI no. 12: 228-238 '60.

Kinetics of the diffusion of copper-zinc alloys in solutions of sulfuric acid with the superposition of an external electric field. S. S. Gastev. *Nauch. trudy MPI* no. 12: 195-228 '60.

SULIMOVA, MARIIA LEONT'EVNA

Magda, T. Leont'eva. Neva, no. 11:150-163 '61.

SUMERIAN LAW see Law, Sumerian

SUMGAIT—DESCRIPTION

City of youth. Nauka i zhizn' 28 no. 12:22-23 D '61.

SUMGAIT—LABOR AND LABORING CLASSES

Flight into the future. A. Kerimov. Komsom. zhizn' no. 3-22-23 F '62.

SUMGAIT—PIPE, STEEL

Sumgait ultrastrong pipes. R. Faibisovich. Nauka i zhizn' 28 no. 12:24-25 D '61.

SUMGAIT—RUBBER, SYNTHETIC

Utilization of "styrene resin" of the Sumgait synthetic rubber plant. Shamkhal Mamedov, D. N. Khydyrov, A. S. Agaev. Neftekhimiia 1 no. 5:691-694 S-O '61.

SUMY—GLIDING AND SOARING

All-Union glider competitions. A. Vinokurov. Kryl. rod. 12 no. 10:12-14 O '61.

SUMY PROVINCE—DAIRYING

They met in the village of Tokari. R. Mykhas'. Ukraina no. 5.2 Mr '62.

SUMY PROVINCE—LIBRARIES, PRIVATE

Immeasurable value. M. Halushko. Ukraine no. 5-9 Mr '62

SUN YAT-SEN, 1866-1925

Efimov, G. V. [Sun Yat-sen, the great Chinese revolutionary and democrat] Velikii kitaiskii revoliutsioner-demokrat Sun' IAt-sen. Leningrad, Ob-vo po raspr. polit. i nauchn. znanii RSFSR, 1961. 66 p.

SUN—PROMINENCES

Latitudinal distribution of prominences. G. N. Rodionov. TSir. Astron obser. L'viv. Un. no. 29:28-30 '55.

SUNFLOWER SEED

Determining the quality of sunflower seeds and the system of calculations relating to them. A. Pimanov. Muk.-elev. prom. 27 no 12:8-12 D '61

Effect of fertilizers on the yield and oil content of sunflower seeds. N. K. Shimanskii, I. F. Loshak, L. S. Fastovets. Agrobiologiia no 6 849-853 N-D '61.

SUNFLOWER SEED—DRYING

Drying mechanism for sunflower seeds rich in oil. V. M. Kopeikovskii, V. K. Kostenko Izv. vys. ucheb. zav., pishch. tekh no. 6 66-72 '61.

SUNFLOWER SEED—STORAGE

Respiratory gas exchange of sunflower seeds in storage without admission of air V. M. Kopeikovskii, N. V. Trubitsyn. Izv. vys ucheb. zav., pishch. tekh no. 6 19-22 '61.

SUNSPOTS

Index *f* value for 1940-1953. T. L. Mandrykina. Tsir. Astron obser. L'viv. Un. no. 29:31-32 '55

New index for solar activity. Part 2. M. S. Eigenson, T. L. Mandrykina. TSir. Astron. obser. L'viv. Un. no. 29:33-42 '55.

New method for a very early forecast of the maximum of the next 11-year cycle of solar activity. M. S. Eigenson. TSir. Astron. obser L'viv. Un no. 29:25-27 '55.

Relation between the sunspot number in a group and its area and cyclic variations of this relationship. V. I. Zatko. TSir. Astron. obser. L'viv. Un. no. 29:21-24 '55.

Theoretical interpretation of the east-west asymmetry of sunspots [with summary in English]. M. Kopotskii. Astron. zhur. 39 no. 1:58-64 Ja-F '62.

Visibility of sunspots on the solar disk and the east-west asymmetry of solar activity. Part 1 [with summary in English]. P. R. Romanchuk. Astron. zhur. 39 no. 1: 48-57 Ja-F '62.

SUPERCONDUCTIVITY

Anisotropy of ultrasound absorption in superconductors [with summary in English]. I. A. Privorotskii. Zhur. eksp. i teor. fiz. 42 no. 2:450-456 F '62.

Elementary excitation spectrum in the superconduction theory. E. R. Velibekov. Dokl. AN SSSR 142 no. 6: 1268-1271 F '62.

Possibility of superconductivity in semiconductors. V. L. Gurevich, A. I. Larkin, IU. A. Firsov. Fiz. tver. tela 4 no. 1:185-190 Ja '62.

SUPERFLUIDITY

Transition of liquid He^3 to the superfluid state [with summary in English]. L. P. Gor'kov, L. P. Pitaevskii. Zhur. eksp. i teor. fiz. 42 no. 2:600-605 F '62.

SUPPLIES, MEDICAL see Medical supplies

SUPPORT (DOMESTIC RELATIONS)

Some results of a review of the practice of the people's courts of the R. S. F. S. R. in the implementation of Article 42 of the Code of Laws on Marriage, Family, and Guardianship. L. Lebedeva. Sov. iust. no. 4:8-10 F '62.

SUPPOSITORIES

Machine for the production of suppositories [with summary in English] A. I. Artem'ev. Apt. delo 10 no. 2 52-54 N-D '61

SUPPURATION

Therapeutic effect of colimycin in suppurative [illegible] rats [with summary in English] V. S. Zhuravleva Antibiotiki 7 no. 1:60-66 Ja '62

SURFACE-ACTIVE AGENTS

Effect of surface-active substances on the dyeability of acetate fibers with dispersion dyes. [illegible] K. G. Kalinina, G. P. Shesternina. Izv. vys. ucheb. zav. tekh. leg. prom. no. 1:56-66 '62.

Studying surfactants [in Azerbaijani with summary in Russian] N. D. Tairov, A. Sh. Amadov, Azerb. neft. khoz. 40 no. 8 32-34 Ag '61

SURFACE CHEMISTRY

Surface energy and processes on the surface of solids I. A. E. Ceguzin, N. N. Ovcharenko Usp. fiz. nauk 76 no. 2:283-328 F '62

SURFACE CHEMISTRY—CONGRESSES

Conference on Surface Phenomena in Metallurgical Processes. A. I. Belliaev. Izv. vys. ucheb. zav., tsvet. met. 5 no. 1:161-162 '62.

SURFACE ENERGY

Effect of dispersing on electron emissivity. A. A. [illegible] vitskii, L. A. Andreev Dokl. AN SSSR 144 no. 6 1319-1322 F '62

SURFACE HARDENING

Effect of artificial roughness on the surface crystallization of iron-carbon alloys. V. N. Lipunov. Izv. vys. ucheb. zav. SSSR. Otd. tekh. nauk. Met. i topl. no. 1:183-187 Ja-F '62.

SURFACE MEASUREMENT—GRAPHIC METHODS

Determining the nonuniformity by profilography. [illegible] A. Palei Izm tekh. no. 3:9-11 Mr '62.

SURFACE TENSION

Surface activity of metals. S. N. Zadumkin. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 1:160-161 Ja-F '62.

Surface tension of metallic cesium. O. A. [illegible] V. B. Lazarev Izv AN SSSR, Otd. khim. nauk no. 2 360 F '62.

SURFACES

System of quasi-linear equations in the theory of [illegible] B. L. Rozhdestvenskii Dokl AN SSSR 142 no. 1 Mr '62.

SURFACES (TECHNOLOGY)

Effect of surface preparation methods on the quality of ultrasonic welding. B. V. Savchenko. Svarochnoe proizvodstvo no. 3:8-11 Mr '62.

Stress variation in the surface layer of cyclically [illegible] formed steel under the action of melts of fusible [illegible] M. I. Chaevskii Dokl AN SSSR 142 no. 6 1291 [illegible] '62.

SURFACES (TECHNOLOGY)—STANDARDS

Meeting of the Committee ISO/TK 57 "Quality of [illegible] surfaces." V. N. Smolin. Standartizatsiia 26 no. 2 57-59 F '62

The third plenary meeting of the Technical Committee No. 57 of the International Standardization Organization V. A. Egorov. Izm. tekh. no. 3:63 Mr '62.

SURFACES, DEFORMATION OF—MEASUREMENT

Errors in measuring the corrugation of cylindrical surfaces. Z. P. Groznetskaia. Izm. tekh. no. 2:19-21 F '62.

SURGERY

(see also subdivision under Chernigov Government; Kazakhstan; Kazan; Stanislav; United States)

Comments on A. B. Kholfin' letter on "Radical operation in echinococcosis." E. I. Zakharov, N. G. Nazarenko Nov. khir. arkh. no. 4:119-121 Jl-Ag '60

Khromov, B. M. [Surgery in the past, present and future] Khirurgiia v proshlom nastoiashchem i budushchem Leningrad, Ob-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR, 1961. 69 p. (DNLM)

Radical operations in echinococcosis. A. B. Kholfin Nov. khir. arkh. no. 4:117-118 Jl-Ag '60.

Use of TSOLIPK protein hydrolysate in surgical diseases. S. Z. Mekler and others. Zdrav. Bel. 7 no. 8 [illegible] Ag '61.

SURGERY—PERIODICALS

Brief news. N. N. Milostanov. Nov. khir. arkh. no. 4 142 Ja-F '60.

Work of the editorial board of "Novyi khirurgicheskii arkhiv" in 1959 and the plans for 1960. Nov. khir. arkh. no. 1:134-135 Ja-F '60.

SURGERY, ASEPTIC AND ANTISEPTIC

"Problems in the pathogenesis of sepsis" by D. F. [illegible] chishkin. Nov khir. arkh. no. 3 107-108 My-Je '60

Study of the microbial *flora in the air and on objects* in operating and dressing rooms. E. G. Kaulkina, F. G. TSurinova. Vest. khir. no. 2:87-90 '62.

SURFACES OF CONSTANT CURVATURE

Bending of surfaces of positive curvature under certain boundary conditions V. T. Fomenko. Dokl. AN SSSR 142 no. 2,286-288 Ja '62

Bending of surfaces of positive curvature under their certain boundary conditions. G. S Barkhin, V. T. Fomenko Dokl. AN SSSR 140 no 5:987-989 O '61.

SURGERY, MILITARY

Pirogov, N. I. [Collection of works in eight volumes] Sobranie sochinenii v vos'mi tomakh. Moskva, Gos. izd-vo med. lit-ry.

Vol. 6. [Fundamentals of general field surgery] Nachala obshchei voenno-polevoi khirurgii, pt. 2. (1866). [Sevastopol letters, 1850-1855] Sevastopol'skie pis'ma, 1850-1855. 1961. 466 p.

Principles of the organization of specialized care for subjects with wounds of a neurosurgical nature B. A. Sametokin. Voen. -med. zhur. no 8 22-25 Ag '61

SURGERY, OPERATIVE

Creativeness of a surgeon. S. S. IUdin. Vest. khir. no 12:3-16 '61.

Our experience with geriatric surgery. N. I. Truten'. Nov. khir arkh. no 2:39-42 '62

SURGICAL DRAINAGE see Drainage, Surgical

SURGICAL INSTRUMENTS AND APPARATUS

"Abdominal clasp." I. Chudnovskii. Neva no. 9:221 '61.

Combined adapter-holder with tooth spacer for intubation anesthesia M. S. Pavliuk. Nov. khir. arkh no 4:122 Jl-Ag '60.

Dilator of new construction for the treatment of mitral stenosis. A. A. Shalimov Grud. khir. 4 no 1:119-120 Ja-F '62.

Equipping submarines with sterile material. I. M. Shilago Voen. -med zhur no. 8:66-67 Ag '61.

Instruments for intrathoracic resection of the ribs. A. V. Dubrovskii. Grud. khir. no. 5:120-122 '61

New instruments for fenestration of the footplate of the stapes. V. A. Gnevskii. Zhur. ush., nos 4 gorl bol. 20 no. 6:85 N-D '60.

"New surgical instruments and apparatus for chest surgery" by A. M. Gesselevich and N. S. Gorkin Reviewed by G. L. Ratner. Med. prom. 15 no. 12:58 D '61

SURGICAL INSTRUMENTS AND APPARATUS—STERILIZATION

Study of the microbial flora in the air and on objects in operating and dressing rooms. E. G. Kashkina, E. G. TSurinova Vest. khir. no. 2 87-90 '62

SURGICAL OPERATIONS see Operations, Surgical

SURGICAL SOCIETIES see subdivision under Donetsk Province; Kazakhstan; Kharkov Province; Kiev; Tashkent; Vinnitsa Province; Vitebsk District; White Russia

SURVEYING

Determining the mean inclination of parcels in the direction of cultivation. G. V. Cheshikhin. Trudy MIIZ no 8. 155-158 '59.

Development of geodesy and aerial photographic surveying in the organization of land use. A. V. Maslov Trudy MIIZ no. 8:25-36 '59.

Fedorov, B. D. [Geodesy] Geodeziia. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 335 p.

From the history of the development of geodetic work in Russia. S. K. Nalbandian. Trudy MIIZ no. 8:37-44 '59.

Gordeev, A. V., and S. G. Shurupich. [Adjustment of geodetic networks] Uravnoveshivanie geodezicheskikh setei. Moskva, Izd-vo geodez. lit-ry, 1961. 324 p.

SURVEYING—BIBLIOGRAPHY see Bibliography—Surveying

SURVEYING—PROBLEMS, EXERCISES, ETC.

Girshberg, M. A. [Collection of problems in geodesy] Zadachnik po geodezii. Moskva, Izd-vo geodez. lit-ry.

Pt. 1. 1961. 287 p.

SURVEYING—TABLES, ETC.

Gan'shin, V. N., and L. S. Khrenov. [Tables for geodetic leveling] Tablitsy dlia geodezicheskogo nivelirovaniia. Moskva, Izd-vo geodez. lit-ry, 1961. 132 p.

SURVEYOR'S COMPASS

School surveying compass. IA. P. Shebalin. Geog. v shkole 25 no. 2:55-56 Mr-Ap '62.

SUSPENSIONS (CHEMISTRY)

Comments on N. A. Fuks' methods of deducting the law governing the vertical distribution of particles suspended in a turbulent flow. O. M Todes. Zhur. tekh. fiz 32 no. 2:258-259 F '62.

Vertical distribution of particles suspended in a turbulent flow. N. A. Fuks. Zhur. tekh. fiz. 32 no. 2:255-257 F '62.

SUTURES

Use of Beclard's suture with utilization of the underlying tissues in low penetrating duodenal ulcers IU. N Murashov. Zdrav. Bel 7 no 6:42-43 Je '61.

Using nylon thread as suture material in otorhinolaryngology. D. A. Bytchenko. Zhur. ush., nos i gorl bol 20 no. 6:85 N-D '60.

SUVOROV REGION (TULA PROVINCE)—STRIP MINING

Slides in the Suvorov strip mine and means for controlling them. V. V Gridchin Gor zhur. no 12 17-19 D '61

SUZAKSKIY DISTRICT—BRONZES

A coin-like calendar. T. N. Senigova. Trudy Inst. ist., arkheol. i etn. AN Kazakh. SSR no. 12:41-47 '61.

SVABITE see subdivision under Asia, Central

SVALYAVA REGION—GEOLOGY, STRATIGRAPHIC

Recent data on the age of the Shipot and Dusino series in the Eastern Carpathians O. S Vialov, N. V Dabagian, IA. O. Kul'chitskii. Dokl. AN SSSR 142 no 4,896-899 F '62.

SVECHINSKAIA, MARIIA ARTEMOVNA

Mariia Artemovna Svechinskaia. Med sestra 20 no. 11 61-62 N '61

SVERDLOVSK—AIRPORTS—TRAFFIC CONTROL

Double radio and teletype communication. A. Anufriev, P. Prikhod'ko. Grazhd. av. 18 no. 11,27 N '61.

SVERDLOVSK—ELECTRIC LOCOMOTIVES—MAINTENANCE AND REPAIR

Obligations and tasks of the Sverdlovsk railroad workers. N. S Russkikh Elek i tepl. tiaga 6 no 2,7 F '62.

SVERDLOVSK—ELECTRIC WELDING

Voluntary information bureau for welders. G. B. Gorshkov. Mashinostroitel' no. 2:35 F '62.

SVERDLOVSK—FORESTRY SCHOOLS AND EDUCATION—ACCOUNTING

Journal-voucher accounting system in public institutions. F. Istomin. Buking uchet 19 no. 2:38-42 F '62.

SVERDLOVSK—LABOR COURTS

An interesting meeting. V. Morshinin. Sov. iust. no 3. 22 F '62

SVERDLOVSK—LIGHTWEIGHT CONCRETE

Wall panels made of cellular concrete V. Pinskii. Zhil. stroi. no 12 8-10 '61

SVERDLOVSK—POPLAR BREEDING

Developing fast-growing types of poplar in the Sverdlovsk Botanical Garden. N. A. Konovalov. Trudy Inst. biol. UFAN SSSR no. 23:23-31 '61.

SVERDLOVSK—RUBBER GOODS

Modernization of jaw hydraulic presses at the Sverdlovsk Technical Rubber Plant. M. K Bronzman. Kauch. i rez 21 no. 2:41-42 F '62.

SVERDLOVSK—TROPICAL PLANTS

Collections of tropical and subtropical plants in the Sverdlovsk Botanical Garden. Z. I. Trofimova. Trudy Inst. biol. UFAN SSSR no. 23:77-86 '61.

SVERDLOVSK PROVINCE—BORING

Improving the breaking method in the Gora Blagodat' Mine B. A. Gornovoi and others. Gor. zhur. no. 11 73-74 N '61.

SVERDLOVSK PROVINCE—INDUSTRIAL MANAGEMENT

Introduction of multipurpose attachments with interchangeable parts in enterprises of the Sverdlovsk Economic Council. V. A. Vostroknutov. Biul tekh -ekon. inform. no. 1:82 '62.

SVERDLOVSK PROVINCE—IRON MINES AND MINING

Possibilities for increasing labor productivity in the "Magnetitovaya" Mine. S I. Nikolaev and others. Gor. zhur. no. 11 10-13 N '61.

SVERDLOVSK PROVINCE—LIBRARIES

Libraries of Sverdlovsk Province help to carry out the resolutions of the January 1961 Plenum of the Central Committee of CPSU. N. S. Molchanova, V. V. Neiman Bibliot. SSSR no. 18:21-25 '61.

SVERDLOVSK PROVINCE—RAILROADS—CARS

Ural'vagonzavod, Nizhniy Tagil. [Advanced technological processes in railroad car manufacture] Peredovaia tekhnologiia mekhanosborochnogo proizvodstva. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 102 p.

SVERDLOVSKIY DISTRICT (DZHAMBUL PROVINCE)—COOPERATIVE SOCIETIES

One can learn from them. V. Novikov. Koop. Kazakh. 4 no. 12:28-30 D '61.

Under the new conditions. M. Kenzhegaliev. Koop. Kazakh. 4 no. 2:42-45 F '61.

SVERDLOVSKIY DISTRICT (DZHAMBUL PROVINCE)—FAIRS

The fair opens great possibilities. T. Tuktamyshev. Koop. Kazakh. 4 no. 11:23-24 N '61.

SVITLYCHNA, HANNA

"Untrodden paths of spring", verse by Hanna Svitlychna Reviewed by Volodymyr Brovchenko Ukraina no 5 9 Mi '62

SWAMPS

Drainage of swampy lands. L. B. Levanovskii. Priroda 51 no 2 73-78 F '62.

SWEAT GLANDS

Salivation and sweating phenomena in the Wallenberg-Zakharchenko syndrome [with summary in French]. S L Levin. Zhur nevr. i psikh 61 no. 6 833-836 '61.

SWEAT GLANDS—DISEASES

The "shoe symptom" - an easily detectable sign of sweat secretion disorders in endarteritis obliterans. IU. S. Kostitsyn. Vrach. delo no. 1:75-76 Ja '62

SWEDEN—BORING MACHINERY

Modern drilling machines manufactured by West German and Swedish firms. E. V. Sheremet'ev. Izv. AN Kazakh. SSR. Ser. gor. dela no. 2:114-120 '61.

SWEDEN—ELECTRIC POWER DISTRIBUTION—HIGH TENSION

Review of "380 Kv. power transmission lines in Sweden" A. B. Krikunchik Elektrichestvo no. 2,94-96 F '62.

SWEET CLOVER

Brief comments. I. Khalifman. Agrobiologiia no. 6:926-930 N-D '61.

SWIMMING

(see also subdivision under Japan; United States)

Force of stroke movements in competitive swimming. B. I. Onoprienko. Teor. i prak. fiz. kul't. 24 no 11: 842-847 '61.

Preparing students who do not know how to swim to pass the standard swimming test of the "Ready for work and defense of the U. S. S. R" program IU A Loginov. Teor. i prak. fiz. kul't 24 no 12:938-940 '61.

Training underwater swimmers without aqualungs V. Gorshkov Voen znan. 38 no. 2:33 F '62.

Work of the swimming department. N. P. Didenko. Teor. i prak. fiz. kult. 24 no. 11:831-835 '61.

SWINE

Ditilin for relaxing the musculature of swine. N. F. Korneev, V. N. Zhulenko. Veterinariia 39 no 1:62 Ja '62.

Effect of growth, development, body type, and productivity on blood indices in black-and-white swine. A I Novik. Trudy BSKHA 34:109-129 '61.

Novgorod (Province) Oblasnoe upravlenie sel'skogo khoziaistva. [Experience of efficient workers is available to all swine breeders of the province] Opyt peredovikov - vsem svinovodam oblasti. [Novgorod] Knizhnaia red. gaz. "Novgorodskaia pravda," 1961. 61 p.

(DA)

SWINE—DISEASES AND PESTS

(see also subdivision under Latvia)

Changes in the development of young pigs and their blood indices in atrophic rhinitis. F. V. Zakharova. Veterinariia 39 no. 1:43-46 Ja '62.

Investigating the amino acid composition of the proteins of blood serum in atrophic rhinitis of swine. G. V. Kamalian, E. G. Abramian, A. A. Mnatsakanian Izv. AN Arm. SSR. Biol. nauki 15 no 1:53-57 Ja '62.

Treatment and prevention of infectious atrophic rhinitis. V. D. Egorova, V. I. Zubchenko. Veterinariia 39 no. 1: 41-42 Ja '62.

Zoohygienic measures in preventing infectious atrophic rhinitis in swine. P. T. Labedev Veterinariia 39 no. 1:66-69 Ja '62.

SWINE—FEEDING AND FEEDS

(see also subdivision under Belynichi District)

Feeder and waterbowl for large pig fattening centers. D. Novikov. Tekh. v sel'khoz. 22 no. 1:26-27 Ja '62.

A skilled specialist. V. Hramyka. Rab. i sial. 37 no. 12:18 D '61.

SWINE—PARASITES see Parasites—Swine

SWINE HOUSES AND EQUIPMENT

(see also subdivision under Carpathian Mountain region)

Radiator heating in pigsties. A. Veselov. Tekh v sel'khoz. 22 no. 1:90 Ja '62.

SWITCHING THEORY

Reversive ring-type commutators. M. V. Koval's'kyi, V. IU. Reuts'kyi, B. O. Sigov. Avtomatyka no. 1:74-78 '62.

SWITZERLAND—SHEVCHENKO, TARAS, 1814-1861

Rudnyts'kyi, IA. B. Shevchenkiana Helvetica. 2. vyd. Winnipeg, Nakladom Akademii, 1962. 12 p. (Ukrains'ka Vil'na Akademiia Nauk. Serlin; Litopys UVAN, no. 20)

SWORDS

Russian swords of the 11th-13th centuries. A.N. Kirpichnikov. Krat. soob. Inst. arkheol. no. 85 11-25 '61.

Scythian burial with a La Tène sword in the middle Dnieper Valley. A.V. Bodianskii. Sov. arkheol. 6 no. 1: 272-276 '62.

SYDNONE IMINE

Sydnones and sydnone imines. Part 7. 3-Isopropyl- and 3-cyclohexylsydnone imines and sulfanylamino derivatives of the sydnone imine series. V.G. Ashnurkii, V.G. Ermolaeva. Zhur. ob. khim. 32 no. 1: 186-191 Ja '62.

Sydnones and sydnone imines. Part 8. Polymethylene-bis-3-sydnone imines. V.G. Ashnurkii and others. Zhur. ob. khim. 32 no. 1: 192-195 Ja '62.

SYENITE see subdivision under Kal'calk Valley

SYMMETRY

Principle of symmetry and dialectics. L.A. Abramian. Izv. AN Arm. SSR. Obshchestv. nauki no. 11: 35-46. N '61.

SYMPATHETIC NERVOUS SYSTEM see Nervous system, Sympathetic

SYMPATHOMIMETICS

Effect of various modes of administration (inhalation and sublingual) of isadrine on bronchial permeability in chronic diffuse pulmonary diseases [with summary in English]. M.S. Shneider, T.P. Krasnokutskaia, L.I. Polishchuk. Sov. med. 25 no. 12, 82-86 D '61.

SYMPHONY ORCHESTRAS see subdivision under: Leningrad, Moscow

SYNCHRONOUS MOTORS see Electric motors, Synchronous

SYNCHROTRON

Circuit for stabilizing the energy from a synchrotron with a variable level of reference voltage. O.V. Bogdankevich. Atom. energ. 12 no. 3: 198-203 Mr '62.

SYNDICATES (FINANCE)

"Nafi" and "Wire" syndicates, 1903-1914. Iu.N. Neteshin. Ist. zap. no. 70, 113-146 '61.

SYNTHETIC FABRICS

Monotone dyeing of fabrics made from synthetic fibers with direct light fast dyes. A.A. Kharkharov, G.A. Pokrovskaia. Tekst. prom. 22 no. 1: 60-62 Ja '62.

New types of suiting fabrics made from a blend of synthetic fibers. V.B. Korsakova. Tekst. prom. 22 no. 1: 27-29 Ja '62.

Synthetic fibers for pillows, blankets and mattresses. N. Kondratiuk, V. Titova. Mias. ind. SSSR. 32 no. 6: 23-24 '61.

SYNTHETIC PRODUCTS

Fedorenko, N.P. [Economics of the industry of synthetic products] Ekonomika promyshlennosti sinteticheskikh materialov. Moskva, Izd-vo ekon. lit-ry, 1961. 614 p.

Horizons of science. M. Semenov. Nauka i zhyttia. 11 no. 1: 10-13 Ja '62.

Substances, unknown in nature. F.D. Ovcharenko. Nauka i zhyttia. 11 no. 12: 8-10 D '61.

SYNTHETIC TEXTILE FIBERS see Textile fibers, Synthetic

SYPHILIS

(see also subdivision under Tatar A.S.S.R.)

Antitoxic function of the liver in the bicillin treatment of syphilis. A.A. Brukson. Med. zhur. Uzb. no. 9: 58 S '61.

Bicillin treatment for patients with syphilis. G.G. Umbetiarova. Zdrav. Kazakh. 21 no. 10, 33-36 '61.

Histomorphological changes in epidermic syphilids following bicillin treatment of syphilis. N.P. Krut'ko, Kh. Kh. Khusainov. Med. zhur. uzb. no. 9: 24-26 S '61.

Treatment of syphilis with bicillin-3 [with summary in English]. M.A. Rozentul and others. Antibiotiki. 6 no. 9: 36-41 S '61.

SYPHILIS—DIAGNOSIS

Ovchinnikov, N.M. [New serological reactions to syphilis] Novye serologicheskie reaktsii na sifilis. Moskva, Medgiz, 1961. 162 p. (DNLM)

Use of cardiolipin antigen in the serodiagnosis of syphilis. S.G. Alieva, L.P. Kotova. Med. zhur. Uzb. no. 9: 29-30 S '61.

SYR-DARYA VALLEY—KAZAKHS

Distribution of Kazakh families on the territory of Kazalinsk and Perovsk Counties of Syr-Darya Province. M.S. Mukanov. Trudy Inst. ist., arkheol. i etn. AN Kazakh. SSR. no. 12: 136-147 '61.

SYRIAN CHURCH

Church administration of the Syro-Chaldaean Church. N. Muravlev. Zhur. Mosk. Patr. no. 1: 71-78 Ja '62.

SYRINGES

Automatic syringe for local infiltration anesthesia. K.S. Fatykhov. Kaz. med. zhur. no. 4: 111-113 Jl-Ag '61.

SYRYENIANS see Komi

SYSTEMS (CHEMISTRY)

Diffusion in three-component systems in case of parallel and opposite diffusion streams [with summary in English]. P.IA. Silver. Dop. AN URSR no. 2: 218-223 '62.

Electron diffraction examination of the system Ag - Se in thin films. Chzhou TSzin-lian [Chou Ching-liang], Z.G. Pinaev. Kristallografiia. 7 no. 1: 66-71. Ja-F '62.

Equilibrium phases in the system Na_2O - Al_2O_3 - CaO - SiO_2 - H_2O. E.Z. Vydrevich. Zhur. prikl. khim. 35 no. 2: 285-290 F '62.

Investigating certain properties of the system $TiCl_4$ - $AlCl_3$ - $FeCl_3$. N.K. Druzhinina. Titan i ego splavy. no. 5: 225-232 '61.

Thermochemical investigation of PbO - Na_2O - SiO_2 melts. G.A. Toporishchev, O.A. Esin, S.G. Bratchikov. Izv. vys. ucheb. zav., tsvet. met. 5 no. 1: 50-56 '62.

X-ray diffraction and dielectric study of the system $PbTiO_3$ - $LaFeO_3$. S.A. Fedulov and others. Izv. AN SSSR. Ser. fiz. 26 no. 3: 357-361 Mr '62.

SYZRAN—AGRICULTURAL MACHINERY INDUSTRY

Much is given, much is required. A. Podnebesov. Sov. profsoiuzy. 18 no. 1: 16-18 Ja '62.

SZAIBELYITE see subdivision under Bakal region

SZECHWAN—ECONOMIC GEOGRAPHY

Afanas'evskii, E.A. [Szechwan; economic and geographical study] Sychuan'; ekonomiko-geograficheskii ocherk. Moskva, Izd-vo vostochnoi lit-ry, 1962. 200 p.

TABLES

If the table legs become rickety. Nauka i zhizn' 28 no. 12, 59 D '61.

TABLETS (MEDICINE)

Making tablets from preparations using sodium hydrocarbonate and tartaric acid. Z.I. Brykova, E.A. Tyrina, T.V. Martynova. Med. prom. 15 no. 12: 43-44 D '61.

Use of a mixture of sodium hydrocarbonate and tartaric acid as an agent promoting tablet disintegration. S.M. Makhkamov, D. Khalikov. Med. prom. 15 no. 12: 45-47 D '61.

TACHOMETER

Determination of the elements of a tachogram in efficient lowering of drilling tools. G.M. Shakhaliev, R.N. Kogan. Neft. khoz. 40 no. 1: 17-21 Ja '62.

TADPOLES see Frogs

TAGANROG—PHOTOGRAPHY—SOCIETIES, ETC.

Esthetic education of amateur photographers. E. Anatol'ev, I. Seleznev. Sov. foto. 22 no. 3: 31-33 Mr '62.

TAGORE, RABINDRANATH, 1861-1941

Commemorating the 100th anniversary of the birth of Rabindranath Tagore. J. Magone. Izv. AN Latv. SSR no. 11: 137 '61.

TAIGAS

(see also subdivision under Khanty-Mansi National Area)

Vronskii, B.I. [Along the paths of the taiga; memoirs of a geologist] Po taezhnym tropam; zapiski geologa. [Magadan] Magadanskoe knizhnoe izd-vo, 1960. 123 p. *[MICROFILM]*

TAILINGS (METALLURGY)—STORAGE

"Design and operation of tailing storage ponds in ore dressing plants" by P.D. Evdokimov. Reviewed by IA.A. Rubinchik. TSvet. met. 35 no. 2, 85-88 F '62.

TAJ MAHAL

Taj Mahal. Igor' Mozheiko. Vokrug sveta no. 2: 31-32 F '62.

TAJIK DEPRESSION—SULFIDES

Geochemistry of thallium in the oxidation zone of the Darayso sulfide deposit (Central Asia) [with summary in English]. V.V. Mogarovskii. Geokhimiia no. 9: 771-774 '61.

TAJIK DEPRESSION—THALLIUM

Geochemistry of thallium in the oxidation zone of the Darayso sulfide deposit (Central Asia) [with summary in English]. V.V. Mogarovskii. Geokhimiia no. 9: 771-774 '61.

TAJIK LITERATURE—BIBLIOGRAPHY see Bibliography—Tajik literature

TAJIKISTAN—AGRICULTURE

Natural and economic zoning of the Tajik S.S.R. F.N. Bonchkovskii, V.IA. Kuteminskii. Izv. Otd. sel'khoz. i biol. nauk *AN Tadzh. SSR no. 3: 3-14 '61.*

TAJIKISTAN—ARCHAEOLOGICAL SURVEYING

"Archaeological work in Tajikistan in 1956 and 1957." Reviewed by V.M. Masson. Sov. arkheol. 6 no. 1: 327-328 '62.

TAJIKISTAN—INDUSTRIAL MANAGEMENT

Produce more, spend less. S. Akilov. Mest. prom. i khud. promys. 3 no. 1: 8 Ja '62.

TAJIKISTAN—MUSIC

Conversation with youth. E. Mikhailovskaia. Sov. muz. 26 no. 2: 111-119 F '62.

TAJIKISTAN—PASTURES AND MEADOWS

Studying conditions of desert pastures in Zeravshanskii by the method of determining the age composition of the population of dominant desert species. L.V. [illegible] vich, A. Sh. Shukurov. Izv. Otd. sel'khoz. i biol. nauk AN Tadzh. SSR no. 3: 15-19 '61.

TAJIKISTAN—RAMS

Acclimatization of fine-wool rams in the mountains of Tajikistan. I.G. Lebedev, E.A. Brokhina. Izv. Otd. sel'khoz. i biol. nauk AN Tadzh. SSR no. 1: 68-81 '61.

TAKORADI REGION—PLANKTON

Qualitative and quantitative characteristics of plankton in the Dakar and Takoradi fishery areas according to the materials of 1958-1959. G.B. Semenova. Trudy BaltNIRO no. 7: 34-37 '61.

TAKORADI REGION—SARDINE FISHERIES

Some problems of the biology and fishing of Sardinella aurita in the Takoradi and Dakar regions. [illegible] Pravdin, O.G. Riabikov. Trudy BaltNIRO no. 7: 5-13 '61.

TAKTAKISHVILI, OTAR VASIL'EVICH, 1921-

Piano concerto of O. Taktakishvili. G.N. Rubtsova. Trudy Gos. muz.-ped. inst. no. 2: 73-98 '61.

TALES, OSSETIC

[Ossetic and Nart folk tales] Osetinskie narodnye skazki i predaniia. [Moskva] Sovetskii pisatel', 1949. 310 p. (MH)

TALES, WHITE RUSSIAN

Educational role of White Russian fairy tales. I. Nikonov. Nar. obr. no. 1: 84-88 Ja '62.

TALGAR—FOOD INDUSTRY

Progressive manufacturing combine. B. Mukhanbetkazy. Kazakh. 4 no. 12, 16-19 D '61.

TALGAR—RESTAURANTS, LUNCHROOMS, ETC.

Teashop at the roadside. M. Mikhailov. Koop. Kazakh. 4 no. 3: 9-10 Mr '61.

TALLINN—AUTOMOBILE INDUSTRY

Racing cars "Estonia" are manufactured here. V. Kuzmin. Za rul'. 20 no. 1: 10 Ja '62.

TALLINN—CONSTRUCTION INDUSTRY

We should require more from the builders of dwellings. Sov. deput. trud. no. 2: 82 F '62.

TALLINN—SOCIALIST COMPETITION

Avliaev, V.A. [Riga and Tallinn] Riga - Tallin. Riga, Latviiskoe Gos. izd-vo, 1961. 73 p. (Po dorogam sorevnovaniia)

TALYSH MOUNTAINS—PALEOBOTANY, STRATIGRAPHIC

Additional materials on fossil plants from Malkopetinskaia area of the Talysh based on plant impressions and palynological data. Kh.S. Dzhabarova, G.M. Kamenova. Dokl. AN Azerb. SSR. 17 no. 11: 1001-1003 '61.

TAMAN' PENINSULA—SLOPES (PHYSICAL GEOGRAPHY)

Geomorphology of the continental slope of the Taman' Peninsula. V.V. Shurkov, Z.I. Gurieva. Uch. zap. [illegible] no. 290: 155-170 '61.

TAMAN' PENINSULA—SUBSIDENCES (EARTH MOVEMENTS)

New data on the tectonics of the western subsidence in the Caucasus and on Taman' Peninsula. A.N. Nazarevich, V.P. Peklo. Trudy KF VNII no. 6: 207-231 '61.

TAMBOV—PISTONS

Automation of the manufacture of pistons in the "Avtotraktorodetal'" factory in Tambov. P.V. Pavlov, A.A. Shpekht. Trakt. i sel'khozmash. 32 no. 1: 42-45 Ja '62.

TAMBOV PROVINCE—AGRICULTURAL MACHINERY—MAINTENANCE AND REPAIR

Take care of collective farm property. V.G. Shirshov. Uchet i fin. v kolkhoz. i sovkhoz. 10 no. 2: 44-45 F '62.

TAMBOV PROVINCE—COLLECTIVE FARMS—ACCOUNTING

Brief news. Uchet i fin. v kolkhoz. i sovkhoz. 10 no. 1: 84 F '62.

TAMBOV PROVINCE—FIRES AND FIRE PREVENTION

The end of the "straw" province. N. Samina. Pozh. delo. 8 no. 2: 5-7 F '62.

TANGANYIKA—TRADE UNIONS

Story of Tanganyika trade unions. Zh.K. Rvegarira. Nov. vrem. 20 no. 11: 20-21 Mr '62.

TANGO (DANCE)

The tango and its history. P. Pichugin. Sov. muz. 26 no. 2: 129-133 F '62.

TANK CARS

Tank cars for liquid fuels Avt. transp. 40 no 3 39 Mr '62

Tank cars for loose materials. Avt transp 40 no 3 40 Mr '62.

TANK CARS—CLEANING

Mechanical washing of petroleum tank cars. Vest. TSNII MPS 21 no 1 61 '62.

TANK VESSELS

Heading for Cuba T. Agafonova. Vokrug sveta no. 2: 28-29 F '62.

Intersection joint of bottom longitudinals of tankers with transverse bulkheads A.L Vasil'ev Trudy LKI no. 32: 19-34 '60

Re-equipment of "Kazbek"-type tankers for the transportation of liquid ammonia E. Kulashin, N. Kol'be Mor flot 22 no 3 34-36 Mr '62.

TANK WARFARE

Breaking through the defense of the "enemy" B Ruben Sov voin 43 no 22 24-25 N '61

People in tank helmets. V. Temin. Starsh.-serzh. no. 9 18-19 S '61.

TANKS

(see also subdivision under White Russia)

Automatic control and mechanization on tank farms. F M Chernyshev Neftianik 7 no. 2:15-16 F '62.

Pontoon roofs made of plastic material. Neftianik 7 no 1:20 Ja '62.

TANKS—MAINTENANCE AND REPAIR

Repair work on tank farms. V. Stel'makhovich. Neftianik 7 no. 1:13 Ja '62

TANKS (MILITARY SCIENCE)

(see also subdivision under Germany, East; Germany, West)

Entirely like his father. I. Shilingovskii. Starsh.-serzh. no 9:32 S '61.

The first steps become more and more confident I. Krokhichev Starsh.-serzh no 10 0 O '61

From achievement to achievement. M. Tochenyi. Voen. vest 41 no 10:30-45 O '61

Gurev, L. M., and N. N. Shtamov. [Firing from a tank; a manual for the crew] Strel'ba iz tanka; posobie dlia ekipazha. Moskva, Voen. izd-vo M-va oborony SSSR, 1961. 109 p. (Za voenno-tekhnicheskie znanila)

Kotovskii, V. I. [Stabilizers for tank armaments; principles of design and operation] Stabilizatory tankovogo vooruzhenila, printsipy ustroistva i deistvila. Moskva, Voen. izd-vo M-va oborony SSSR, 1961, 108 p. (Za voenno-tekhnicheskie znanila)

Malkov, M. A. [Sighting devices and observation instruments for tanks; working principles] Tankovye pritsely i pribory nabliudenila; osnovanila ustroistva. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 230 p.

On unfamiliar ground. A. Ivanov. Starsh.-serzh. no. 9: 12 S '61.

Six words on the armor. A. Zhuravskii. Starsh.-serzh. no. 9:20-21 S '61.

Success is forged in platoon and crew I. Nedel'ko Voen. vest 41 no 10 53-55 O '61.

Tank driving in the mountains. P. Plotnikov. Voen. vest. 11 no. 10 108-109 O '61.

"Tank units in action" by S. L. Stetsiuk Reviewed by IA Zimin. Voen.-ist zhur. 4 no. 3 92-96 Mr '62

Tanks, forward! A. Golikov, A. Uzilan. Ogonek 40 no. 8:4-7 F '62.

They prepare a tank for storage. B. Mukhin. Starsh.-serzh. no. 9:20 S '61.

With the first shot. N. Stepanchikov, A. Andronov. Voen. vest. 41 no 10-47-51 O '61.

TANNING

Leather tanning without vegetable tannins. A. Fridiland. Mest prom. i khud. promys 3 no. 1 20 Ja '62.

TANNINS

Method for X-ray examination of the large intestine using tannin [with summary in English]. L. P. Simbirtseva. Vest rent. i rad. 36 no 4:56-59 Jl-Ag '61.

TANNU-TUVA see Tuva A. S. S. R.

TANTALUM

Determination of titanium, tantalum, and niobium in carbide compositions. V. G. Shcherbakov, Z. K. Stegendo Biul. inst. metaloker. i spets. splav. AN URSR no. 6:98-02 '61.

Gamma rays produced in inelastic scattering of 2.95 Mev. neutrons on Ta^{181} nuclei [with summary in English]. L. IA. Graudynia and others. Zhur. eksp. i teor. fiz 42 no. 2:348-352 F '62.

TANTALUM—ISOTOPES

Study of neutron-deficient tantalum isotopes. T. V. Malysheva and others. Izv. AN SSSR. Ser. fiz. 26 no. 1 125-126 Ja '62.

TANTALUM—WELDING

Argon-arc and electron beam welding of tantalum and niobium. Svar. proizv. no. 2:8-12 F '62.

TANTALUM CARBIDE

Effect of tantalum carbide additions on certain properties of titanium-tungsten hard alloys V L Tret'iakov, A N. Karabasova, A B Platov Sbor trud. VNIITS no. 2 79-91 '60.

Effect of the temperature of preparing a one-phase tantalum-tungsten carbide on the incubation period of decomposition. A. E. Koval'skii, E. IA. Vrzheshch Sbor trud. VNIITS no 2 129-131 '60

TANTALUM-VANADIUM ALLOYS

Limits of the existence of the α-phase in the tantalum-vanadium system [with summary in English] V N IEremenko, L. O. Tret'iachenko, Z P Holubenko Dop AN URSR no. 2:102-105 '62

TAPEWORMS

(see also subdivision under Alma-Ata, Georgia)

Anoplocephalatosis in sheep in the Moldavian S. S. R. E. S Zgardan Veterinariia 39 no 1:38-40 Ja '62

Diagnostic value of various echinococcal allergens. A. Kh Arslanova Zdrav kazakh 21 no 6:58-62 '61

TAPS AND DIES

Thread-rolling conditions and the strength of rolled taps. IU. G. Chicherin Stan. i instr. 33 no 1 29-30 Ja '62.

TAR

Basic principles and methods of processing shale tar N. I. Zelenin. Khim. i tekh gor slan. i prod ikh perer. no. 5:5-12 '60

TARBAGATAY RANGE—QUARTZ

A giant quartz crystal. G. A. IUrgensen. Zap. Vses. min. ob-va 90 no 6:747-748 '61

TARTARIC ACID

Making tablets from preparations using sodium hydrocarbonated and tartaric acid Z. I. Brykova, E. A. Tyrina, T. V. Martynova. Med prom. 15 no 12:43-44 D '61

Use of a mixture of sodium hydrocarbonate and tartaric acid as an agent promoting tablet disintegration. S. M. Makhkamov, D. Khalikov. Med prom. 15 no 12, 15-47 D '61

TARTU—THEATER

In Tartu. S. Apostolov. Teatr 23 no. 2:169-191 F '62.

TASHKENT—MEDICAL SOCIETIES

New medical society. A A Kadyrov Med. zhur Uzb no 3:78 Mr '60

TASHKENT—MINERAL WATERS

Outpatient treatment of some skin diseases with Tashkent mineral water O. I. Maslovskii Med zhur. Uzb. no. 9:20-23 S '61

TASHKENT—MINIATURE PAINTING, PERSIAN

Miniatures of the master Musalli in a Shiraz copy of the "Hamse" by Emir-Hosrova Dehlevi. G A Pugachenkova Trudy TashGU no. 172:103-117 '60

TASHKENT—PERITONITIS

Treatment of peritonitis according to data from the medical and sanitary section of the Textile Combine. T. I. Vernaeva. Med zhur. Uzb no. 11:69-70 N '61

TASHKENT—POTTERY, PRIMITIVE

Archaeological studies in 1957 on the ancient site of Mirg-Uriuk in Tashkent. IU. F Buriakov, D. I. Zil'per. Trudy TashGU no. 172:128-146 '60.

Medieval pottery complex from the excavation near the medresse of Kukel'tash, Tashkent City. Sh Tashkhodzhaev. TashGU no. 172:190-196 '60

TASHKENT—RESPIRATORY ORGANS—DISEASES

Condition of the upper respiratory tract in singers in Tashkent. R. A. Khamraeva. Med. zhur. Uzb. no. 12: 36-38 D '61.

TASHKENT—SOCIAL SCIENCES—STUDY AND TEACHING

Brief news. Obshchestv. nauki v Uz. no. 2:97-99 '61.

TASHKENT—STANDARDIZATION

Cooperation of State Testing Laboratories with basic standardization organizations. A. A. Gaikov, N D. Belyi Standardizatsiia 26 no. 2 46-47 F '62.

TASHKENT—SURGICAL SOCIETIES

Meeting of the Tashkent Surgical Society of October 19, 1959. S. A. Geller. Med. zhur. Uzb no. 2:77-78 F '60.

TASHKENT—TESTING LABORATORIES

Cooperation of State Testing Laboratories with basic standardization organizations. A. A. Gaikov, N. D. Belyi Standardizatsiia 26 no. 2:46-47 F '62.

TASHKENT—TEXTILE WORKERS—DISEASES AND HYGIENE

Incidence of dermatosis among workers of the Tashkent Textile Combine on first-call data. I. N. Dmitrieva, B. IU. Zavalen. Med. zhur. Uzb no. 9:27-28 S '61.

TASHKENT—THEATER

In Tashkent. IA. Fel'dman. Teatr 23 no. 2:162-167 F '62.

TASHKENT—WORKINGMEN'S CLUBS

A club came to the residential area K Evgen'ev Klub 11 no 1,20-21 Ja '62

TASHKENT PROVINCE—CONJUNCTIVITIS, GRANULAR

Some organizational methods in the control of trachoma in the villages and districts of Tashkent Province. T. IA. Kasymov, S. S. Komissarova, N. I. Garin Med. zhur Uzb no 6,58-63 Je '60.

TASHKENT PROVINCE—GEOLOGY

Subsurface geology of the Tashkent region, Kyzyl Kum, and adjacent regions based on geophysical data. I. M. Mel'kanovitskii. Sov geol. 5 no 2,17-28 F '62

TASHKENT PROVINCE—MEDICAL MYCOLOGY

Epidemiological study of the foci of fungous diseases in the rural localities of Tashkent Province K. N. Takhirov Med zhur Uzb no 6 63-66 Je '60

TASHKENT PROVINCE—PARATYPHOID FEVER

Characteristics of phagotypes of paratyphoid fever B cultures isolated in Tashkent and in Tashkent Province M. K. Kadyrova Med zhur Uzb no 6:36-40 Je '60.

TASHKENT PROVINCE—PRESCRIPTION WRITING

Study of the individual prescription in the pharmacies of Tashkent and of Tashkent Province in the Uzbek Republic [with summary in English] I. Tashmukhamedov Apt. delo 10 no 6 11-19 N-D '61.

TASHKENT PROVINCE—RAILROADS—FREIGHT

This will reduce the idle time of railway cars. P. Korobko. Nar. khoz. Uzb 4 no. 2 79-81 F '62

TASHKENT REGION—AGRICULTURE

Specialization and concentration of agricultural production in the zone near the city. S. Khalfets. Nar. khoz. Uzb 4 no. 2:33-36 F '62.

TASHKENT UNIVERSITY

History of the development of the University from 1920 to 1923. E. A. Dvorkina Trudy TashGU no. 170:b-28 '60.

TATAR A. S. S. R.—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Don't deviate from principles. I. Likhachev. Part. zhizn' no. 4 47-50 F '62.

TATAR A. S. S. R.—EDUCATION

In schools of the Tatar A. S. S. R. M. Makhmutov. Nar. obr. no 3 12-15 Mr '62.

TATAR A. S. S. R.—ENCEPHALITIS

Tick-borne encephalitis in the Tatar A. S. S. R. (1949-1957). G. L. Khasis. Kaz. med zhur no. 6:47-49 N-D '61.

TATAR A. S. S. R.—GEOLOGY, STRATIGRAPHIC

Eifelian deposits of southern Udmurtia and northeastern Tatarstan. V. I. Averianov. Dokl. AN SSSR 140 no. 5: 1136-1140 O '61.

TATAR A. S. S. R.—GERIATRICS

Work of the geriatric station at the Zelenodol'sk polyclinic during 1957-1960. O. M. Strelkova, R. G. Porkhovnikov, P. I. Kornilova. Kaz. med. zhur. no 4:95-98 Jl-Ag '61.

TATAR A. S. S. R.—HEMORRHAGIC FEVER

Case of hemorrhagic fever with renal syndrome in the Tatar A. S. S. R. L. V. Danovskii. Kaz. med zhur. no. 1:75-76 Jl-Ag '61.

TATAR A. S. S. R.—LIMESTONE

Section types of the "upper Kyn limestones" in Tatarstan. S. S. Ellern. Dokl. AN SSSR 142 no. 2 435-438 Ja '62.

TATAR A. S. S. R.—MILITARY EDUCATION

In step with life. N. Kulakov. Voen. znan. 38 no. 3:17-18 Mr '62.

TATAR A. S. S. R.—ONCOLOGICAL SOCIETIES

Activity of the Oncological Society of the Tatar A. S. S. R. for 1960. IU. A. Ratner, N. I. Liubina. Vop. onk. 7 no. 7:112-115 '61.

TATAR A. S. S. R.—POWER ENGINEERING

Tatar A. S. S. R. Sovet Narodnogo khoziaistva. Upravlenie energeticheskoi promyshlennosti. [Development of power engineering in the Tatar A. S. S. R.] Razvitie energetiki Tatarskoi ASSR. Kazan', Tatarskoe knizhnoe izd-vo, 1961. 145 p.

[MICROFILM]

TATAR A. S. S. R.—SOILS—PHOSPHORUS CONTENT

Comparative evaluation of some methods for determining organic phosphorus in soils of the Tatar A. S. S. R. P. V. Madanov, L. M. Volkin. Pochvy i Uzh. Urala i Povol no 4:149-155 '60.

TATAR A. S. S. R.—SYPHILIS

Characteristics of the sources of syphilis infection in the Tatar A. S. S. R. from 1944-1958. T. S. Sharlykova. Kaz. med. zhur. no. 6 76-77 N-D '61.

TATAR A. S. S. R.—WOOL INDUSTRY—HYGIENIC ASPECTS

Incidence of disease among workers of the Kazan Felting Mill and the Kukmorsk Felting and Footwear Plant. N. N. Krasnoshchekov. Kaz. med. zhur. no. 4, 91-95 Jl-Ag '61.

TATARBUNARY—RURAL CONDITIONS

How they fare in Tatarbunary. Olch. Kurin. Ukraina no. 5 10-12 Mr '62

TATARBUNARY DISTRICT—COLLECTIVE FARMS

Advanced collective farm helps its neighbors. M. N. Ryshkovskii. Zemledelie 24 no. 1 36-39 Ja '62.

TATARS see subdivision under Crimea

TAURIDA GOVERNMENT—RUSSIAN SOCIAL DEMOCRATIC PARTY

History of the labor movement in Taurida, 1912-1914. V. S. Horiakina. Ukr. ist. zhur. 6 no. 2:111-113 Mr-Ap '62.

TAX COLLECTION

We should simplify the collection of taxes and fees. A. Kutergin. Sov. deput. trud no 2, 80 F '62

TAXATION

(see also subdivision under Colchester, Great Britain)

Akimov, A. L. [Society without taxes] Obshchestvo bez nalogov. [Leningrad] Lenizdat, 1961 40 p.

TAXATION OF SALES see Sales tax

TAXICABS

Operation of motorbuses and taxicabs under public control. T. Loboda, I. Onoiko. Avt. transp. 40 no. 2:8-9 F '62

TAXODIACEAE see subdivision under Ukraine

TAYMYR PENINSULA—ECONOMIC CONDITIONS

Sobolev, D. Z. [In the land of legends] V kraiu legend. Moskva, Izd-vo "Znanie," 1961. 79 p.

TAYMYR PENINSULA—GEOLOGY, STRATIGRAPHIC

New stratigraphic scheme of upper Paleozoic sediments in the Taymyr Peninsula. N. A. Shvedov and others. Sbor. st. po paleont. i biostrat. no. 21 12-15 '61.

TAYMYR PENINSULA—NATIONALITIES

Sobolev, D. Z. [In the land of legends] V kraiu legend. Moskva, Izd-vo "Znanie," 1961. 79 p. (Prochti, tovarishch!)

TBILISI see Tiflis

TEA

Effect of gibberellin on photosynthesis and respiration in leaves of the tea plant. M. A. Ali-zade, A. M. Babaeva. Dokl. AN SSSR 142 no 2 478-480 Ja '62.

TEACHERS

To be a man with a great heart. G. Gafi. Doshk. vosp. 35 no. 2:7-10 F '62.

You should not pass by. R. B. Finkel'shtein. Doshk. vosp. 35 no. 2:11-13 F '62

TEACHERS, TRAINING OF

(see also subdivision under Drogobych, Kharkov; Moscow; Rostov Province; Vinnitsa)

First teacher courses in Russia. A. Vezhlev. Nar. obr. no 2 100-103 F '62.

Goals and system of the course on pedagogics in pedagogical institutes. I. T. Ogorodnikov. Sov. pedag. 26 no. 2:127-137 F '62.

Political clericalism and education of children in the Federal Republic of Germany. M. A. Sokolova. Sov. pedag. 26 no. 2:113-127 F '62.

Raising the quality of training of the teachers of biology and fundamentals of agriculture. N. N. Vokov, D. M. Maimusov. Shkola i proizv. 6 no. 2:91-95 F '62.

Seminar for teachers of the course "Fundamentals of political knowledge." Prep. ist. v shkole 17 no 2:121-123 Mr-Ap '62

Seminar of the heads of history study rooms in advanced training institutes for teachers. Prep. ist. v shkole 17 no. 2:120-121 Mr-Ap '62.

Training of a music teacher in a pedagogical institute. T. L. Berkman. Sov. pedag. 26 no. 1:95-103 Ja '62.

Training of primary grade teachers. N. Bukhanova. Nar. obr. no. 3:25-29 Mr '62.

Training of primary grade teachers in pedagogical institutes. I. Prokof'ev and others. Nar. obr. no. 2: 20-28 F '62.

TEACHERS' INSTITUTES see subdivision under Grodno

TEACHING

(see also subdivision under Czechoslovakia; Lipetsk Province)

Creativeness. L. Moskvina. Nar. obr. no. 3:52-53 Mr '62.

Duty of all teachers. A. Sietsenko. Nar. obr. no. 3:48 Mr '62.

The education of educators (to be concluded). B. Khandros. Ukraina no 5 21-23 Mr '62

Efficient lesson. N. Dairi. Nar. obr. no 2, 30-39 F '62

Have more trust in them and give them more independence. Z. Zarudi, M. Islamgulova. Shkola-int. no 1: 42-44 Ja-F '62.

In a close contact. V. Antanovich. Nar. asv. no. 1:50-53 Ja '62

Let's be tactful and attentive to every student. V. Kuz'minna. Nar. obr. no 3:50-51 Mr '62.

Let's concentrate all our efforts on improving the quality of instruction and eliminating the repetition of a year. Nar. obr. no. 3:39-41 Mr '62

Let's move all levers. S. Armolenko. Nar. obr. no 3: 51-52 Mr '62

Our path is more difficult. A. Gusev. Nar. obr. no. 3 42-16 Mr '62

Preparing students for independent academic work. Report No. 2. Instructing students. V. A. Tiunin. Dokl. APN 5 no. 2:31-32 '61.

A sense of proportion and the professional skill of teachers. N. Baryseva. Nar. asv no. 1, 25-29 Ja '62

Some aspects of the pedagogical use of logic. V. G. Farber. Sov. pedag. 26 no 1:45-56 Ja '62

System in the formation of skills during the study of various subject. N. M. Kairod. Dokl. APN 5 no. 5 61-64 '61.

Transfer of students in eight-year schools. A. Verich. Nar. obr. no 3:47-49 Mr '62.

Ways and means of overcoming repetition of a year and loss of students. F. F. Korolev. Sov. pedag. 26 no. 2 3-14 F '62.

TECHNICAL ASSISTANCE, RUSSIAN

(see also subdivision under Cuba; India, Mongolia, States, New)

The arteries of life. S. Glazko. Mezhdunar. zhizn' 9 no 3, 100-102 Mr '62.

"Friendship in action" [in German] by Konrad Illgen. Reviewed by G. Savin. Mezhdunar. zhizn' 9 no. 4:139-142 Ap '62.

International significance of Soviet assistance. I. Shatalov. Mezhdunar. zhizn' 9 no. 3:95-97 Mr '62.

Let's unlock the storehouses of nature. Mezhdunar. zhizn' 9 no 3, 99-100 Mr '62.

Our trade-mark. I. S. Senin. Ukraina no. 4:1-2 F '62.

TECHNICAL EDUCATION

(see also subdivision under Armenia; Great Britain; Lvov; Moscow; Ukraine; White Russia)

Courses for the improvement of qualifications. A. Mitin, N. Gus'kova. Avt. dor. 25 no. 2:32 F '62

Extensive production practice work must be useful and efficient. G. M. Beliaev, M. V. Postnikov, V. N. Marakulin. Vest. vys. shkoly 20 no 3:40-46 Mr '62.

Improve the training of mechanics. Komsom. zhizn' no. 3:26-28 F '62.

Institution of higher technical education as a new constituent part of Soviet industry. G. A. Vvedenskii. Mat. i soob. Issl. otd. Inst. po izuch. SSSR no 28 21-32 O '61.

Let's give more attention to technical creativeness. B. Orel. Prof.-tekh. obr. 19 no. 2:17-18 F '62.

Method of studying the connection between students' knowledge and practice. P. R. Atutov. Dokl. APN 5 no. 3:21-26 '61.

Republic interfactory schools. Mashinostroenie no. 1: 114 Ja-F '62.

Rozanov, I. G. [About young designers; development of creativeness in design and technology in school children] O iunykh konstruktorakh; razvitie konstruktivno-tekhnicheskogo tvorchestva shkol'nikov. Moskva, Izd-vo "Znanie," 1961. 46 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. II, Pedagogika, no. 10)

The training of specialists on the U. S. S. R. K. Savichev. Otv. na vop. trud no. 6:8-14 Je '61.

TECHNICAL LIBRARIES

The works of the technical library is organized by the Scientific and Technical Division. V. Gluzman. Muk.-olev. prom. 27 no. 9:27-28 S '61.

TECHNICAL SOCIETIES

(see also subdivision under Armenia)

Expand the participation of volunteers in the improvement of production. Der. prom. 11 no. 3:1-2 Mr '62.

In the scientific and technological society. Avt. dor. 25 no. 2:3 of cover F '62.

On a voluntary basis. Mashinostroitel' no. 2:1-2 F '62.

TECHNICIANS IN INDUSTRY see subdivision under Kazakhstan

TECHNOLOGICAL INNOVATIONS

(see also subdivision under Armenia; Hungary; Kemerovo Province; Kuybyshev Province; Novorossiysk; Ukraine; Uzbekistan)

Advertizing board. Izobr. i rats. no. 3:36 Mr '62.

Analysing the formation and use of [illegible] new machinery. R. Novikov, [illegible] 23 no 1 80-83 Ja '62

At various latitudes. Znan. [illegible]

The community struggles for technol[illegible] V. Smirnov. Part. zhizn' no [illegible]

Contribution of theory to practice. [illegible] zhyttia il n ol'5-8 Ja '62.

Exchange of news and experience. [illegible] 28-29 Mr '62

From foreign countries. Izobr. [illegible]

In the lecture rooms of people's univ[illegible] zhizn' 28 no. 12:66-67 D '61

In the world of science and technolo[illegible] foreign countries. Prom. Arm. [illegible]

In the worlds of science and technolo[illegible] foreign countries. Prom. Arm. [illegible]

In the world of science and technology [illegible] the U. S. S. R. Prom. Arm. [illegible]

In the world of science and technology [illegible] the U. S. S. R. Prom. Arm. [illegible]

[Innovators in the seven-year plan, [illegible] Zachinateli novogo v semiletke, [illegible] nachalakh. [Moskva] Izd-vo VTsSPS Profizdat, Sovaia biblioteka rabochego) No. 6, 1961. 42 p.

New rules governing the financing of [illegible] nected with the creation and introduction of innovations. V. Stetsiura. Ekon. [illegible] 118 My-Je '61

Ostroumov, V. V. [Technological innovati[illegible] basis for the development of industrial [illegible] Tekhnicheskii progress - osnova razvitiia [illegible] Moskva, Izd-vo "Znanie," 1961. 61 p. [illegible] universitet kul'tury. Tekhnika ekonomika [illegible] no. 16-17)

Problems, discoveries, and facts. [illegible] F '62.

Problems, discoveries, facts. [illegible] F '62.

Science, progress and communism. [illegible] i zhyttia 11 no 1:2-5 Ja '62.

Suggested, created, introduced. [illegible] 16 Mr '62

Technical information. Okhr. truda i [illegible] no 2:29-31 F '62.

[Technology summons us] Tekhnika [illegible] Mosk. rabochii, 1961. 194 p.

TECHNOLOGICAL INNOVATIONS—Bibliography—Technological innovations

TECHNOLOGY

(see also subdivision under Illumination)

Coordinating the work of the Kuybyshev [illegible] with the organs of technical information enterprises and the regional economic [illegible] E. B. Briskina. Bibliot. SSSR no 1 [illegible]

"Fundamentals of the history of technical [illegible] theoretical and methodological prob[illegible] khardin. Reviewed by M. N. Chmutov and [illegible] pov. Vest. AN SSSR 32 no. 3:134 [illegible]

Guides to technological knowledge. [illegible] 1-3 Mr '62.

Kuznetsov, P. I., and M. IA. Ratgauzer. [I[illegible] intelligentsia in the struggle for tech[illegible] some forms of cooperation between [illegible] Rol' intelligentsii v bor'be za tekhnich[illegible] formy sodruzhestva nauki i proizvodstva] Ob-vo po raspr. polit. i nauchn. znanii [illegible] 64 p.

News around the world. Tekh. mol. [illegible]

News from five continents. Ilin. tekh. [illegible] '62.

News from the five continents. Ilin. tekh. [illegible] 15 '62.

Organizing the work of province, [illegible] A. S. S. R. libraries on the propaganda [illegible] literature. N. N. Gudkov. Biblio[illegible] '61.

Ostroumov, V. V. [Technological progress [illegible] of industrial development] Tekhnicheskii [illegible] osnova razvitiia proizvodstva. Moskva, Izd-vo "Znanie," 1961. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 4, Tekhnika, no. 21)

Some features of the development of [illegible] V. I. Siforov. Vop. filos. 16 no 2:14-[illegible]

Time slips by. A. Narkevich. Tekh. [illegible] '62.

V. I. Lenin on the role of technology [illegible] progress in the building of socialism [illegible] V. G. Marakhov. Trudy LKI no. 30 13-[illegible]

[Winners of Lenin Prizes in 1961] Laureaty [illegible] premii; sbornik statei. Moskva, Izd-vo [illegible] 1961. 74 p. (Vsesoiuznoe obshchestvo po [illegible] niiu politicheskikh i nauchnykh znanii. Ser. [illegible] no. 23/24)

Work of the Kirov Province Library helping [illegible] ment of mass innovation, promotion of [illegible] inventiveness. V. I. Kobel'kova. Bibliot. [illegible] 49-60 '61.

TECHNOLOGY—BIBLIOGRAPHY see Bibliography—Technology

TECHNOLOGY—DICTIONARIES

Akademiia nauk URSR, Kiev, Instytut movoznavstva. [Russian Ukrainian technical dictionary] Russko-ukrainskii tekhnicheskii slovar'. Sost. N. M Mattiko i dr. 80 000 terminov. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1961. 618 p.

Peshkov, E. O., and N. I. Fadeev. [Student technical dictionary, aid for practical exercises of grade 5-7 students] Tekhnicheskii slovar' shkol'nika, posobie dlia prakticheskikh zaniatii uchashchikhsia V-VII klassov. Izd. 2., ispr. i dop. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv RSFSR, 1961. 176 p.

TECHNOLOGY—FILM CATALOGS

Russia (1923- U. S. S. R.) Upravlenie kinofikatsii i kinoproката. [New scientific and technical films] Novye nauchno-tekhnicheskie fil'my. Moskva, "Reklamfil'm," 1960. 31 p.

[MICROFILM]

TECHNOLOGY—INFORMATION SERVICES
(see also subdivision under Armenia)

Bulletins of technical information. Izm. tekh. no. 3:61 Mr '62.

How to improve scientific and technical information. T. Vvedenskii Plan khoz 39 no. 3:78-79 Mr '62

TECHNOLOGY—PHILOSOPHY

Science and industry. A. Zvorykin. Kommunist 38 no. 4:36-45 Mr '62.

V. I. Lenin on the role of technology during the building of communism. V. S. Prokof'ev. Trudy MADI no. 26: 174-188 '60.

TECHNOLOGY AND CIVILIZATION

Drabkina, E. IA. [Where robots replace people; notes on the intensification of labor and introduction of automation in capitalist countries] Gde raboty vytesniaiut liudei; zametki ob intensifikatsii truda i vnedrenii avtomatiki v stranakh kapitala. Izd. 2., dop. Moskva, Gos. izd-vo polit. lit-ry, 1961. 141 p.

Source of joy. F. Khudushin. Nauka i zhyttia 11 no. 1: 49-51 Ja '62.

TECTONITE

Geological, mineralogical, and X-ray study of quartz tectonites. M. P. Volarovich, N. B. Galdin, K. F. Gusev. Zap. Vses. min. ob-va 90 no. 6,660-672 '61.

TEETH

Biochemical changes in the solid dental tissues and maxillary bones following extirpation of the upper cervical sympathetic ganglion in dogs. N. A. Kodola, L. V. Udovitskaia. Probl. stom. 5:127-133 '60.

Growth and mineralization of the roots of permanent teeth. I. O. Novik. Probl. stom. 5:134-139 '60.

TEETH—ABNORMITIES AND DEFORMITIES

Extraction of teeth in orthodontic complex treatment of anomalies in the position of individual teeth. Z. F. Vasilovskaia, A. D. Mukhina. Probl. stom. 5:330-335 '60.

Orthodontic treatment of a deformed bite in pyorrhea alveolaris. V. L. Ustimenko, L. P. Grigor'eva. Probl. stom. 5:104-109 '60.

Prevention and treatment of pathological features of the odontognathic system as an important prerequisite for the normal development of children [in Azerbaijani with summary in Russian]. A. A. Akhmedov. Azerb. med. zhur. no. 6:50-55 Ag '61.

Prosthesis of defects of a row of teeth due to indentation in childhood. IU. M. Alekseandrova. Probl. stom. 5:322-325 '60.

Retention of milk teeth and anomalous position of permanent teeth. A. I. Pozdniakova. Probl. stom. 5:315-321 '60.

TEETH—BLOOD SUPPLY

Blood supply for human teeth. S. I. Soloreva. Probl. stom. 5:383-386 '60.

TEETH—CARE AND HYGIENE

Oral hygiene in pioneer camps. V. I. Dubrovskii. Zdrav. Bel. 7 no. 12:57-58 D '61.

TEETH—DISEASES
(see also subdivision under Ukraine)

Chemical composition of the milk teeth in caries. N. N. Skurskaia. Probl. stom. 5:122-126 '60.

Combined use of penicillin and gramicidin in pulpitis. O. D. TSyganenko. Probl. stom. 5:156-159 '60.

Degree to which curettage of a periapical inflammatory focus is necessary following extraction of a tooth in periapical chronic periodontitis. S. N. Vaisblat. Probl. stom. 5:205-207 '60.

Direct complications of caries of the milk teeth in early childhood. N. N. Skurskaia. Probl. stom. 5:175-179 '60.

Effect of diathermocoagulation on dental pulp. L. I. Urbanovich. Probl. stom. 5:163-168 '60.

Increased liability to dental caries due to ionizing radiation. IU. A. Fedorov. Dokl. AN SSSR 140 no. 5:1195-1198 O '61.

Late results of treating chronic periodontitis by diathermocoagulation. A. I. Marchenko. Probl. stom. 5:198-200 '60.

Late results of treating chronic periodontitis by filling the root canals with phosphate cement. M. A. Bil'dukevich. Probl. stom. 5:201-204 '60.

Late results of treating pulpitis in children with antibiotics. L. I. Pilipenko. Probl. stom. 5:160-162 '60.

Modern trend in the treatment of pulpitis. E. S. IAvorskaia. Probl. stom. 5:146-151 '60.

Radioscopic and morphological comparisons in chronic apical periodontitis. IA. L. Fridman. Probl. stom. 5:186-187 '60.

Symptomatology of acute pulpitis. V. A. Nikitin. Probl. stom. 5:152-156 '60.

Transplantation of teeth in chronic periodontitis. E. V. Odinets. Probl. stom. 5:208-212 '60.

Use of electrophoresis of drugs in treating subacute apical periodontitis. G. I. Strota. Probl. stom. 5:194-197 '60.

TEETH—EXTRACTION

Degree to which curettage of a periapical inflammatory focus is necessary following extraction of a tooth in periapical chronic periodontitis. S. N. Vaisblat. Probl. stom. 5:205-207 '60.

Extraction of teeth in orthodontic complex treatment of anomalies in the position of individual teeth. Z. F. Vasilovskaia, A. D. Mukhina. Probl. stom. 5:330-335 '60.

TEETH—METALLURGY

Comparison of present-day methods for precision casting of teeth from stainless steel. V. V. Pinchuk. Probl. stom. 5:358-362 '60.

TEETH—RADIOGRAPHY

Radioscopic and morphological comparisons in chronic apical periodontitis. IA. L. Fridman. Probl. stom. 5:186-187 '60.

TEETH—TRANSPLANTATION

Transplantation of teeth in chronic periodontitis. E. V. Odinets. Probl. stom. 5:208-212 '60.

TEETHING see Dentition

TEKELI—MINING ENGINEERING—HYGIENIC ASPECTS

Sunshine in a workshop. L. Kalashnikova. Okhr. truda i sots. strakh. 5 no. 2:21-22 F '62

TEKELI REGION—MINE FIRES

Ore losses and their effect on the temperature of blocks in the Tekeli Mine. V. N. Shkurin, N. M Tatarintsev, V. B. Kogut. Izv. AN Kazakh. SSR, Ser. gor. dela no. 1: 47-53 '61.

TEKTITE

Does the mystery of tektites exist? G. Vorob'ev. Nauka i zhizn' 28 no. 12:102-105 D '61.

TELECOMMUNICATION

Complaints, their causes, and methods for preventing them. Vest. sviazi 22 no. 3:1-3 Mr '62.

Effect of terrestrial currents on electric communication lines and methods for protection against them. G. G. Ogul'chanskii. Vest sviazi 22 no 3:9-10 Mr '62.

Every complaint is a notice of shortcomings in the operation of the communication enterprises. V. A. Sevanchuk. Vest. sviazi 22 no 2:12-13 F '62

Foreign patents. Elektrosviaz' 16 no. 2:75-76 F '62.

Let's carry out the objectives of the fourth year of the seven-year plan ahead of time. Vest. sviazi 23 no. 3: 29 Mr '62

Over-all use of agricultural communication means. D. Metrikin. Tekh. v sel'khoz. 22 no. 1:35-36 Ja '62.

Persistently eliminate the shortcomings in the service to the public. E. S. Medvedev. Vest. sviazi 22 no. 2 17-19 F '62.

Provide the soviet people with excellent service in all means of telecommunication. Vest sviazi 22 no 2:1-2 F '62

Research problems on the construction of a consolidated system for transmitting and distributing information. Vest sviazi 22 no. 3:3 Mr '62.

Review of the book "Electrical communications and wire broadcasting." I. V. Bulygin. Vest. sviazi 22 no. 3:30 Mr '62.

Study of the characteristics of the speech process using a dynamic spektrograph. T. E. Zaitsev. Elektrosviaz' 16 no. 1:3-12 Ja '62.

Zaezdnyi, A. M. [Harmonics synthesis in radio engineering and electrical communications] Garmonicheskii sintez v radiotekhnike i elektrosviazi. Moskva, Gos. energ. izd-vo, 1961. 535 p.

TELECOMMUNICATION—ACCOUNTING

The production costs are the most important indices of the planning of communication enterprises which are operating on business accounting. O. S. Srapionov. Vest. sviazi 22 no 3:13-15 Mr '62.

TELECOMMUNICATION—BIBLIOGRAPHY see Bibliography—Telecommunication

TELECOMMUNICATION—CONGRESSES

The Soviet Union has ratified the International Convention on Electrical Communications. Z. I Nikiforova. Vest sviazi 22 no 2 31-32 F '62

TELECOMMUNICATION—EMPLOYEES
(see also subdivision under Kazakhstan, Kirghizistan)

A conference by mail held by telecommunication workers. Vest sviazi 22 no. 3:1 Mr '62.

Leaders of socialist competitions. Vest sviazi 22 no 3:28-30 Mr '62.

TELECOMMUNICATION—EQUIPMENT AND SUPPLIES

Method for designing four-terminal variable equalizers. O F Kosminskii. Elektrosviaz' 16 no 2 45-50 F '62

TELECOMMUNICATION—SAFETY MEASURES

The leaders should be held more responsible for the adherence to the safety engineering regulations. Vest sviazi 22 no 2 25 F '62

TELEGRAPH
(see also subdivision under Lithuania)

"Course on telegraphy." Part 1: "Principles of telegraphy and teletype apparatus" by N. P. Zeliger. Elektrosviaz' 16 no 2 72 F '62.

[Frequency telegraphy] Chastotnoe telegrafirovanie. [By] V. A. Dubovik i dr. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1962. 349 p.

Possibility of using synchronous teletype systems in wire communications. A. I. Kordobovskii. Elektrosviaz' 16 no 1 71-72 Ja '62

TELEGRAPH, WIRELESS

Concerning an effective telegraph communication system. V. A. Breskin. Elektrosviaz' 16 no 2 70-72 F '62

Ideal phase telegraphy reception with signal prediction and fading. V. S. Mel'nikov. Radiotekhnika 17 no 1 3-12 Ja '62.

Interference rejection of the telegraph channel of a tropospheric radio relay line with linear addition. F. L. Gerenrot. Elektrosviaz' 16 no 2 3-9 F '62.

TELEMETERING

Balance system of telemetering pressure on semiconductor elements for oil and gas fields. Sh. M. Shakhmardanov. Izv. vys. ucheb. zav., neft' i gaz 4 no. 5: 87-94 '61

TELEPHONE

Finkler, L. E. [Electroacoustical characteristics of a telephone channel] Elektroakusticheskie kharakteristiki telefonnogo trakta. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1961. 131 p.

New circuits for ganged switching-in of telephone apparatus. L. S. Farafonov. Vest. sviazi 22 no. 3:4-6 Mr '62

Passive distribution systems for tandem telephone communications. IA. IU. Ginzburg. Vest sviazi 22 no 2 9-10 F '62

The public should be provided with good long-distance telephone communication services. K. N. Kytina. Vest. sviazi 22 no. 3:18-19 Mr '62

Simplified high-frequency channel for the connecting lines of VRS exchanges. B. IA. Gerisenshtein. Vest sviazi 22 no 2:10-11 F '62.

Telephone communication systems in rural areas should be thoroughly improved. A. F. Vorontsov. Vest. sviazi 22 no 3:16-17 Mr '62.

Videotelephone. IU. Omel'ianenko. Nauka i zhyttia 11 no. 12:34 D '61.

TELEPHONE—EMPLOYEES

Looking into the future. E. G. Belykh and others. Vest. sviazi 22 r

TELESCOPIC SIGHTS

Malkov, M. A. [Sighting devices and observation instruments for tanks, working principles] Tankovye pritsely i pribory nabliudeniia, osnovaniia ustroistva. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 239 p.

TELETYPE

Methodology for measuring teletype distortions K. P. Lishai Vest sviazi 22 no 3:8 Mr '62

TELEVISION

Bogatov, G. B. [Achievements and objectives of present-day television] Dostizhenita i zadachi sovremennogo televidenita. Moskva, Gos. energ. izd-vo, 1961. 175 p. (Massovaia radiobiblioteka, no. 425)

TELEVISION—ANTENNAS

Midget television antennas. N Romashov Tekh. mol. 30 no 1 36 '62.

New legislative enactments. Sov. deput. trud. no. 2:103 F '62.

Sokolov, A. G. [Transmission line towers] Opory linii peredach, raschet i konstruirovanie. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 180 p.

TELEVISION—BIBLIOGRAPHY see Bibliography—Television

TELEVISION—PERIODICALS

Fifth anniversary of "Tekhnika kino i televidenita." Tekh. kino i telev. 6 no. 2:94-96 F '62.

TELEVISION—PICTURE TUBES

Supriaga, N. P. [Electron-beam tubes with charge accumulation] Elektronno-luchevye trubki s nakopleniem zariadov. Moskva, Voen. izd-vo M-va obor SSSR, 1961. 118 p. (Radiolokatsionnaia tekhnika)

TELEVISION—RECEIVERS AND RECEPTION

Babuk, G. V., and G. M. Finogeev. [Conversion of the PTP-1 block for operation in the 174-230 mc. band. Peredelka bloka PTP-1 dlia raboty v diapazone 174-230 Mgts. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1961. 45 p. [MICROFILM]

Elements of the electroluminescent screen circuit. I IA. Liamichev Tekh. kino i telev. 6 no. 2 37-18 F '62

Kostikov, V. F. [Design of television receivers for amateurs] Konstruirovanie liubitel'skikh televizorov. Moskva, Izd-vo DOSAAF, 1961. 173 p.

PNP-1 device for tuning the high-frequency stages of television receivers G. V. Babuk, G. M. Finogeev Vest. sviazi 22 no 3,11-12 Mr '62

TELEVISION—REPAIRING

Venditovskii, V. S., and N. A. Furman. [Manual for television owners] V pomoshch' telezriteliu. Minsk, Gos. izd-vo BSSR, Red. nauchno-tekhn. lit-ry, 1961. 121 p.

TELEVISION—TRANSMITTERS AND TRANSMISSION

Attenuation of low-frequency interference during the transmission of video signals via coaxial lines IU S Milevskii. Elektrosviaz' 16 no 1 45-49 Ja '62.

Two-program trasmitting and relaying television stations I. I. Govaiio. Vest sviazi 22 no 3-6-7 Mr '62

TELEVISION CAMERAS

Improving the signal-to-noise ratio in the studio TsT camera. O V Gofaizen Tekh. kino i telev. 6 no. 2:49-53 F '62.

Use of the electron traveling mask. K IA. IAisenko. Tekh kino i telev. 6 no 2,63-65 F '62.

TELEVISION IN HEALTH EDUCATION

In the service of health; hygiene instruction and television. I M. Egorova. Med. sestra 20 no. 11 36-41 N '61.

TELEVISION PICK-UP TUBES see Image iconoscope

TELEVISION STATIONS

Experience in the work of a television studio. N I. Babkin Vest sviazi 22 no 2 24-25 F '62

TELLURIUM

Diffusion of selenium and mercury in solid and liquid tellurium. Sh. Movlanov, A. A. Kuliev. Fiz. tver. tela 4 no. 2:542-545 F '62.

Selenium and tellurium recovery from wastes of the sulfuric acid industry. P. S. Kindiakov, V. V. Safonov. Izv. vys ucheb zav., tsvet met. 5 no 1 107-110 '62.

TELLURIUM—ANALYSIS

Determination of tellurium in steel by photometric and titrimetric methods [with summary in English] V I Murashova. Zhur. anal. khim. 17 no. 1:80-83 Ja-F '62.

TELLURIUM—METALLURGY

Coefficient of selenium distribution in the crystallization of tellurium. A. A. Kuliev, Sh. Movlanov. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 1:76-80 Ja-F '62.

TELLURIUM—TOXICOLOGY

Experimental studies on the characteristics of tellurium as an industrial poison S. E. Sandratskaia. Gig. truda i prof. zab. no. 2:44-50 '62.

TELLURIUM-BISMUTH ALLOYS see Bismuth-tellurium alloys

TELLURIUM OXIDE—SPECTRA

Structure and vibrational spectra of crystalline and glass-like tellurium dioxide V P Cheremisinov, V P Zlomanov. Opt. i spektr. 12 no. 2:208-214 F '62

TEMIR—TEXTILE FABRICS

It is a pleasure to help people N. Podguzov Koop. Kazakh 4 no 2 46-49 F '61

TEMIR-TAU—RAILROADS, SUSPENDED

This will take place in the Kazakhstan "Magnitogorsk." K. Kostenetskii. Nar. khoz Kazakh 20 no 1:62-64 Ja '62.

TEMIR-TAU—STEELWORKS

This will take place in the Kazakhstan "Magnitogorsk." K. Kostenetskii. Nar khoz Kazakh 20 no 1:62-64 Ja '62.

TEMPERATURE see subdivision under Black Sea; Kyl'dl, Lake

TEMPERATURE—MEASUREMENT

Measuring the turbulent pulsations of temperature in a flow of fluid V. I. Subotin, M. Kh. Ibragimov, E. V. Nomofilov. Teploenergetika 9 no 3,64-67 Mr '62

TEMPERATURE—PHYSIOLOGICAL EFFECT

Changes in the protein fractions of the blood serum under the influence of temperature drops and their hygienic significance [with summary in English]. L. A. Dobrovol'skii Gig. truda i prof. zab. no. 2:19-26 '62

TEMPERATURE REGULATORS
(see also subdivision under Armenia)

Transistorized d. c. converter in the ER-T-59 regulator. V V. Pevzner Energetik 10 no. 2 20-21 F '62.

TEMPERING

Tempering of the shank and spring parts of draw-in chucks by means of high-frequency currents N. D. Andreev. Metalloved i term. obr. met no 3 62 Mr '62.

TEMPLES see subdivision under Armenia

TEMPORAL BONE—ANATOMY

Variability in form and internal structure of the mastoid process of the temporal bone in man. G D Burdei, E. B. Kosiagina. Vop. antr. no. 7:102-108 '61

X-ray anatomy of the hyoid bone. A. I. Pozmogov. Vest. rent i rad 36 no 6 60-62 N-D '61

TENDONS

Cutaneomuscular and tendon reflexes in monkeys. P. S. Babkin Fiziol zhur 46 no 1,31-36 Ja '62

Elastic tendons in the heart of vertebrates and their functional significance Kh. M. Mulikov. Med zhur. Uzb. no. 3:73-74 Mr '60.

TENDONS—INJURIES AND RUPTURES

Subcutaneous rupture of tendons of the posterior tibial muscle A. D Li Vest. khir no. 2:124-126 '62.

TENDRIAKOV, VLADIMIR FEDOROVICH, 1923-

"The trial"; a tale by V. Tendriakov. Reviewed by V. Geideko. Neva no 10 203-204 '61.

TENT CATERPILLARS

Let's exterminate the larch spinner (Dendrolimus sibiriens). E. V. Talalaev. Priroda 51 no. 2:70-83 F '62

TERBIUM—ISOTOPES

Coincidences between conversion electrons arising in the decay of $Dy^{153} \rightarrow Tb^{153}$. D. S. Dzhelepov and others. Izv. AN SSSR. Ser. fiz. 26 no. 2:202-204 F '62.

TERBIUM—SPECTRA

Study of the Tb fraction. A. T. Strigachev, A. A. Sorokin, V. S. Shpinel'. Izv. AN SSSR. Ser. fiz. 26 no 2:252-258 F '62.

TEREKHOVKA DISTRICT—OLD AGE HOMES

It's our duty. N. Staravoitava. Rab. i sial. 37 no. 6:7 Je '61

TEREPHTHALIC ACID

Polarographic analysis of a mixture of terephthalic, p-toluic, nitroterephthalic, and 3-nitro-p-toluic acids [with summary in English]. IA. I Turian, IU. A. Vakhrushev. Zhur. anal. khim. 17 no. 1:121-125 Ja-F '62.

TERMEZ—ARCHITECTURE

The "Kyrk-Kyz" building as an example of building techniques of the ninth century. A. M. Pribytkova. Arkhit nas. 13.169-180 '61.

TERMEZ—INSCRIPTIONS, ARABIC

Inscriptions on a fragment from the architectural ensemble of the Hakim i Tarmizi Mausoleum. M. E. Masson. Trudy TashGU no. 172:44-60 '60.

TERMEZ—POTTERY, PRIMITIVE

Pottery of the 12th and beginning of the 13th century from old Termez. L. N. Merezhin. Trudy TashGU no. 172: 177-189 '60.

TERMEZ—TOMBS

Inscriptions on a fragment from the architectural ensemble of the Hakim i Tarmizi Mausoleum. M. E. Masson Trudy TashGU no 172:44-60 '60

TERMEZ DISTRICT—LEPTOSPIROSIS

Outbreak of anicteric leptospirosis in the Termez District. I. A. Shifrin, B. S. Abramov, T. I. Mukhamedzhanova. Zhur. Uzb no. 6:52-53 Je '60

TERPHENYL

Quenching of the radioluminescence of terphenyl solutions in dioxane by bromides. V. I. Ginsynia, V. I. Tal'roze. Opt. i spektr. 12 no 1,136-137 Ja '62

TERRACES (GEOLOGY) see subdivision under Ferghana Valley; Vyatka Valley; Western Dvina River

TERRAMYCIN

Treatment of blepharitis with aureomycin ointment and terramycin ointment. E. N. Indelkin Voen.-med. zhur no 6 70 Ag '61

TERRESTRIAL ELECTRICITY

Effect of terrestrial currents on electric communication lines and methods for protection against them. A. Ogul'chanskii. Vest sviazi 22 no. 3,9-10 '62.

Relationship between short-period variations of the earth's electromagnetic field and auroras. V. M. Ivanikaia, L. V. Alperovich, N. V. Dzhordzhio [et al.] Izv. AN SSSR. Ser. geofiz. no. 2 262-270 F '62.

TERRESTRIAL MAGNETISM see Magnetism, Terrestrial

TESLENKO, ARKHYP IUKHYMOVYCH, 1883-1961

We know the reasons; on the 80th anniversary of A. Teslenko's birth. Ukraina no 5,24 Mr '62

TESTICLE

Resistance of bird gonads to low temperatures. P. G. Svetlov, M. A. Liubimskaia Dokl. AN SSSR 142 no 4 904 F '62

TESTING LABORATORIES see subdivision under Tashkent

TESTING MACHINES

Apparatus for the automatic control of deformation of rotating test pieces. A. D. Pronin Zav. lab. 28 no 1 113-114 '62.

Bellankin, F. P., and others. [The R-50 universal vibratory testing unit] Universal'naia vibratsionnaia ispytatel'naia ustanovka R-50. Kiev, Izd-vo Akad. nauk USSR, 1961. 114 p.

Exchange of experience. Zav. lab. 28 no 1 114-115 '62.

Increasing the handling capacity of machines for long-period strength. A. G. Ryan. Zav. lab. 28 no 1 112 '62.

Instrument for the study of friction at rest. Kh. M. Muntiev. Vest. vyn. shkoly 20 no. 3,79-80 Mr '61

Machine for the programmed strengthening of parts. R. I. Garber and others Zav. lab. 28 no. 1 104-105 '62.

New calibrating equipment. K. S. Smirnov. Vest. V. Fl. no. 11:58-59 N '61

TESTOSTERONE

An attempt to affect the fate of transplanted tumor cells in the irradiated animal organism by the use of hormones. IU. M. Zaretskaia. Radiobiologiia 1 no 5 692-696 '61.

TETANUS

Experimental study of the sensitizing properties of tetanus toxoids. Report No. 2 N. S. Kashnitskii and others. Zhur. mikrobiol., epid. i immun. 32 no 1 135 S '61.

Influence of the administration of bone marrow and its homogenates on the effectiveness of serotherapy in tetanus intoxication in irradiated mice [with summary in English]. D. R. Kaulen. Zhur. mikrobiol. epid. i immun 32 no 9:84-88 S '61.

Study of complex active immunization against tetanus and leptospirosis under experimental conditions. Report No 2: Study of the effectiveness of mass (?) immunization by means of an investigation [with summary in English]. M G. Glovatskaia. Zhur. mikrobiol. epid. i immun. 32 no. 9:48-52 S '61.

Typhoid-paratyphoid-tetanus chemically adsorbed vaccine. (Experimental study, reactogenic properties, epidemiological effectiveness) [with summary in English] S. M. Kheifets and others. Zhur. mikrobiol., epid. i immun. 32 no. 9:18-25 S '61.

TETANUS ANTITOXIN

Detoxifying and disintoxifying properties of serums in relation to tetanus and diphtheria toxins [with summary in English]. V. N. Dorkach. Antibiotiki 6 no 12, 1101-1104 D '61.

TETANY

Case of tetany developing following a brain injury. G. K. Kogan, S. K. Kaishubaev. Zdrav. Kazakh. 21 no. 6 68-70 '61.

TETRACYCLINE
Change in the myelogram in rabbits after the administration of tetracyclines [with summary in English] A. M. Dumova. Antibiotiki 7 no 1:47-50 Ja '62
Concentration of antibiotics from the tetracycline series after their intramuscular administration in acute dysentery and the state of the intestinal microflora during this method of treatment [with summary in English] V. N Krasnogolovets Antibiotiki 7 no 2 179-182 F '62.
Effect of tetracycline hydrochloride on the catalase and peroxidase activity of the blood in vitro [with summary in English]. N. N. Ostrovskii Antibiotiki 7 no 1 11-16 Ja '62.
Reaction of some unconditioned interoceptive reflexes as a result of the application of tetracycline at the level of splenic and intestinal interoceptors [with summary in English] G. G. Popovich and others Antibiotiki 6 no 12:1068-1070 D '61
State of certain functions of the liver in the tetracycline treatment of gonorrhea. A. M. Golosovker Med. zhur Uzb no. 9:57-58 S '61
Tetracycline salts of phenoxymethylpenicillin [with summary in English] A F. Tebiakina and others. Antibiotiki 7 no. 2 109-112 F '62.
Treatment of pyodermas with antibiotics from the tetracycline series in combination with vitamins [with summary in English] V. I Balinnikov, V. A. Lenartovich, M. A. Faslova. Antibiotiki 6 no 12:1104-1107 D '61.
Use of aerosols of antibiotics from the tetracycline series in catarrhal and suppurative diseases of the upper respiratory tract [with summary in English] S. I. Eidel'shtein, E. S. Zhilinskii, S. M. Gol'tser. Antibiotiki 7 no 1:68-71 Ja '62.
Use of intramuscular tetracycline injections and erythromycin tablets for treating complicated influenza in children [with summary in English] I. G. Afonina, B. M. Nemirovskaia Antibiotiki 6 no. 12,1107-1111 D '61.

TETRALOGY OF FALLOT
Oxygen saturation of the blood in tetralogy of Fallot during surgery for suturing an intra-arterial anastomosis in hypothermia [with summary in English] R. S. Vintskaia, T. M Darbinian. Grud. khir no. 5:43-48 '61.

TEVOSIAN, IVAN FEDOROVICH, 1902-
Sixtieth birthday of an outstanding figure in Soviet metallurgy Ivan Fedorovich Tevosian Stal' 22 no 2 188-189 F '62

TEXTILE DESIGN see subdivision under Lithuania

TEXTILE FABRICS
(see also subdivision under Temir)
Pigment dyeing of fabrics. I. IA. Shtern, I. V Bodiman, N. M. Raikliman. Tekst prom 22 no 1:62-64 Ja '62.
Two-stage method of filling fabrics with vat dyes. P. I. Kon'kov, T. N. Kulikova, S. N. TSvetkov. Tekst. prom 22 no. 1:54-56 Ja '62.

TEXTILE FABRICS—STANDARDS
Discussing the methods for the determination of the strength of textile fabrics at the International Organization for Standardization. L. S. Morozovskaia Standartizatsiia 26 no. 2:34-37 F '62

TEXTILE FABRICS—TERMINOLOGY
Present-day textile terminology; discussion. L. M Gorelik, V. I. Kokoshinskaia Tekst prom 22 no 1:78-81 Ja '62.

TEXTILE FABRICS—TESTING
Apparatus for determining the permeability to air of textile fabrics. I A. Daniliuk and others. Tekst. prom. 21 no. 12:68-69 D '61
Determining the filling factor of fabrics (continued). N. M Berkovich. Tekst. prom. 21 no 12:31-36 D '61.
Effect of the density and type of interweaving of staple suiting fabrics on their crease resistance. S. S. Palladov, V. P. Skilanskov. Tekst. prom 21 no. 12,61-67 D '61.
New method of testing the light resistance of fabrics. IA. Legkun. Tekst. prom. 21 no. 6:78-80 Je '61

TEXTILE FACTORIES
You will find activists everywhere. A. Sivakov. Mest. prom. i khud. promys. 3 no. 2:4-5 F '62.

TEXTILE FIBERS, SYNTHETIC
(see also subdivision under Mogilev)
Effect of the nature of the binding agents on the physical and mechanical properties of nonwoven fibrous film systems. Report No. 1. N. G. Ovchenko, S. A Pavlov. Izv. vys. ucheb. zav. tekh. leg. prom. no. 1:13-21 '62.
Paskudskii, A. V., and L. A. Bobrova. [Organization of a study room and performance of laboratory work on plastics and synthetic fibers] Organizatsiia uchebnogo kabineta i provedenie laboratornykh rabot po izucheniiu plasticheskikh mass i sinteticheskogo volokna. Moskva, Vsos. uchebno-pedagog. izd-vo Proftekhizdat, 1961. 40 p. (Obmen opytom raboty)
Hosin, S. L. [Wool and silk from petroleum and gas] Sherst' i shelk iz nefti i gaza. Moskva, Izd-vo Akad. nauk SSSR, 1962. 109 p. (Nauchno-populiarnaia serila)

TEXTILE FIBERS, SYNTHETIC—DRYING
High temperature drying of single synthetic fibers. O. A Kremnev, V R Borovskii, M D. Kolosash Tekst prom 21 no 12:57-61 D '61.

TEXTILE INDUSTRY
(see also subdivision under Chernigov; Kanyshin)
Achieved by the labor of millions Tekst prom. 22 no. 1:3-4 Ja '62.
Advantages of consolidating small finishing enterprises V. A Mukhina. Tekst. prom 22 no 1 19-20 Ja '62
Brief information on the new technological developments in foreign countries Tekst prom 21 no 6,62-67 Je '61
Brief notes on new developments in foreign countries. Tekst prom 21 no. 12:74-77 D '61
Encounter of designers with textile representatives V. A. Nifontov Tekst prom. 21 no 12 16 D '61
Follow-up of published materials. Tekst. prom. 21 no 6:90 Je '61
Reports of the delegates to the 22d Congress of the CPSU. V I Gaganova, M I Rozhnev, IU. M Vecherov Tekst. prom 22 no 1:5-12 Ja '62.
Speed up the application of scientific achievements in the textile and dry goods industry. G M Kholmogorov Tekst prom 21 no 12 55-57 D '61.
We will put into practice the decisions of the 22d Congress of the CPSU. Tekst. prom. 21 no. 12:1-4 D '61.

TEXTILE INDUSTRY—ACCOUNTING
New norms of the amortization of capital assets in the textile industry. V V. Fedorov Tekst prom 21 no 12 5-8 D '61

TEXTILE INDUSTRY—BIBLIOGRAPHY see Bibliography—Textile industry

TEXTILE INDUSTRY—COSTS
Economic efficiency of using the new equipment. I. G. Livshits. Tekst. prom. 22 no. 1:16-19 Ja '62

TEXTILE INDUSTRY—DICTIONARIES
"English-Russian Dictionary" by Z. E Rabinovich and others, a review. Tekst prom. 21 no. 12 83-84 D '61

TEXTILE INDUSTRY—HYGIENIC ASPECTS
(see also subdivision under Siauliai)
Sanitary hygienic evaluation of the work of fluff-blowers in the spinning mills of "Rabochii" factory. E A Khenokh. Gig. truda i prof. zab. no. 2 51-53 '62.
Some characteristics of the action of noise in weaving shops and protective measures. Report No. 2. S. S. Vishnevskaia, S. I. Gorshkov. Uch. zap Mosk nauch.-issl. inst. san. i gig. no. 7:86-92 '60.

TEXTILE INDUSTRY—LABOR PRODUCTIVITY
(see also subdivision under Chuvashia)
Make the experience of the foremost textile workers available to all textile workers. Tekst. prom. 21 no. 6: 1-3 Je '61.

TEXTILE INDUSTRY—PERIODICALS
Follow-up of published materials. Tekst prom. 22 no. 1:94-95 Ja '62.
From a readers' conference. Tekst. prom. 21 no 12 89 D '61.
Readers comment on the "Tekstil'naia promyshlennost'" journal Tekst prom. 21 no. 6:92-93 Je '61

TEXTILE INDUSTRY—TECHNOLOGICAL INNOVATIONS
New inventions of textile industry workers. Tekst. prom. 21 no. 6:93 Je '61

TEXTILE INDUSTRY—TESTING
Solov'ev, A. N. [Measurement and evaluation of the properties of textile] Izmerenila i otsenka svoistv tekstil'nykh materialov. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1961. 142 p.

TEXTILE MACHINERY
(see also subdivision under France; Lithuania)
AChV-V carding and knitting machine unit for the manufacture of cotton bat interlining. L. I. Gurvich. Tekst. prom. 21 no. 6:74-76 Je '61
Automatic control circuit of the technological processes in the padding dyer and steaming apparatus. A. N. Siatinskii, S. A. Polovnikova Tekst. prom. 21 no. 6: 67-68 Je '61.
Automation of doffing in the scutching shops. I. R. Trofimov, N. N. Truevtsev. Tekst. prom. 21 no. 6:37-40 Je '61
Economic efficiency of using the new equipment. I. G. Livshits. Tekst. prom. 22 no. 1:16-19 Ja '62.
Effect of balloon breakers on the breakage of staple yarn No. 40 in unwinding. N. I. Barchenko and others. Tekst. prom. 21 no. 6:35-36 Je '61.
Mechanization of the unloading of semifinished products from the hammer felting machine. V. D. Erlikh, M. P. Chelnomov. Tekst. prom. 21 no. 6:68 Je '61
Modifications in the design of the differential box balancing mechanism of the ShB-140 sizing machine. P. N. Prokop'ev. Tekst. prom 21 no. 12:36 D '61.
Searching for optimum parameters in the preparation of warp for cloth weaving. T. I. Istomina. Tekst. prom. 21 no. 12:29-31 D '61.

TEXTILE PRINTING
Moiseev, A. G., and V. M. Petrov. [Manual for engraving of textile patterns] Rukovodstvo po gravirovaniiu tekstil'nogo risunka. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1961. 147 p.

TEXTILE RESEARCH
Conform the research work to the level of the new tasks S. A. Pavlov Tekst prom 21 no. 6:8-12 Je '61

TEXTILE WORKERS see subdivision under Moscow Province

TEXTILE WORKERS—DISEASES AND HYGIENE
(see also subdivision under Margelan, Moscow Province, Tashkent)
Occupational diseases in natural silk production. A. P Bocharov, A F. Solov'eva Med zhur Uzb. no 12 45-46 D '61.

THAILAND—ECONOMIC CONDITIONS
Pavlovskii, V. [Economy of modern Thailand] Ekonomika sovremennogo Tailanda. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961 182 p

THAILAND—RELIGION, PRIMITIVE
Pre-Buddhist religious beliefs of the peoples of western and central Indochina. G. G. Stratanovich Krat. soob. Inst. etn no. 36:50-53 '62.

THALLIUM
(see also subdivision under Tajik Depression)
Diffusion and solubility of thallium in germanium. V I Tagirov, A. A Kulev Fiz. tver tela 4 no 1:272-275 Ja '62

THALLIUM—ANALYSIS
Determination of thallium and antimony present simultaneously [with summary in English] S. I. Gusev, L. A. Ketova. Zhur. anal. khim 17 no 1:137-139 Ja-F '62.
Use of square-wave polarography for determining cadmium and thallium in products of nonferrous metallurgy R. G. Pats Zav. lab. 28 no 1 18-20 '62.

THALLIUM CHLORIDE
Reaction of thallium (III) chloride with glycol. A. V Grineva, N T. Presnink. Zhur. ob khim. 32 no. 1 316-317 Ja '62.

THAWING see subdivision under Malaya Almaatinka Valley

THEATER
(see also subdivision under Alma-Ata; Dushanbe; Erivan; Frunze; Ghana, Gorkiy, Kalinin, Kemerovo; Khabarovsk, Kharkov; Kiev; Krasnoyarsk, Leningrad; Minsk; Moscow; Rostov, Tartu; Tashkent; Ukraine; Vilnius, Vladivostok; Yaroslavl)
Beyond the horizon. . . . Teatr 23 no. 2 129-131 F '62.
Future of the theater belongs to them. O. Radisheheva. Smena 36 no. 21:22 D '61.
One day Teatr 23 no. 2,3-6 F '62
Political cabaret today. IU. Smirnov-Nesvitskii. Neva no. 8:183-189 '61.
Remove obstacles. Georgii Tovstonogov. Isk. kino no 2:112-116 F '62
Theater and life. P. I. Terniuk. Nauka i zhyttia 11 no. 12 41-45 D '61.
What were you doing and what thoughts did you have on October 27, 1961? Dmitrii Aleksidze and others. Teatr 23 no. 2:43-81 F '62.

THEATERS
Future magicians. T. Troitskaia. Ogonek 40 no. 8: 14-15 F '62.

THEOLOGY, PRACTICAL
Pleshko, A. I. [What we should know, and having become convinced, should observe the teachings of Jesus Christ on sacrifice, indicating that it brings great reward] Chto nam polezno znat', i ubedivshis' budem sobliudat'; uchenie Iisusa Khrista o pozhertvovaniiakh, ukazyvaiushchee na velichaishee voznagrazhdenie zhertvodateliam 1. izd. Winnipeg, 1961. 336 p.

THERAPEUTICS, DENTAL
Use of fluorinated phosphatic cement in certain diseases of the solid dental tissues. N. F. Danilevskii, Z. M. Epel'beim. Probl. stom. 5: 140-145 '60.

THERAPEUTICS, PARENTERAL see Parenteral therapy

THERAPEUTICS, PHYSIOLOGICAL—CONGRESSES
Second All-Russian Conference of Health Resort Specialists and Physiotherapists (April 17-21, 1961 in Krasnodar). A. G. Ibragimova. Kaz. med. zhur. no. 6:83-84 N-D '61.

THERMAL ANALYSIS
Studying the fusibility curves of certain chloride systems. V. A. Il'ichev, A. M. Vladimirova. Titan i ego splavy no. 5:148-166 '61.

THERMAL STRESSES

Causes for the appearance of internal cracks in F1481 steel forgings V.I Moshkov Kuz.-shtam proizv 4 no.2,15-18 F '62.

Interaction of castings with a metal cores L B Kogan Lit. proizv. no. 2:32-33 F '62

Simulating thermal stresses in the plane elastic problem. V.L. Fomin. Issl. po uprug i plast. no 1 183-185 '61

THERMIONIC EMISSION

Thermionic emission from certain high-melting compounds T L Matskevich, T V Kiachino Zhur. tekh fiz 32 no 2 220-223 F '62

THERMISTORS

Increasing the sensitivity of thermistor meters of superhigh frequency power L. M. Zaks, V. M. Petrov, E. N. Belikov Izm tekh. no 2,43-48 F '62.

Using semiconductor thermistors for air condition control in drying kilns A. A. Smirnov Der prom 11 no. 3 15-17 Mr '62.

THERMIT

Temperature of exothermic reactions in heating mixtures. A. M. Manakin. Konstr. i tekh mash. no 1:121-124 '61.

THERMOCOUPLES

Automatic control of the opening of thermocouples in the EPP-09 potentiometer V. S Bulychev Izm tekh no 2:28-29 F '62

Solidification point of copper. B. K. Bragin. Izm. tekh. no 3:29-30 Mr '62

THERMODYNAMICS

Arilukh, L. IU., and others. [Thermal boundary layer problems in the case of heterogeneous and diffusion combustion. Conference on heat and Mass Transfer, Minsk, January 23-27, 1961] Teplovye zadachi pogranichnogo sloia pri geterogennom i diffuzionnom gorenii; soveshchanie po teplo-i massoobmenu, g. Minsk, 23-27 ianvaria 1961 g. [Minsk, 1961] 18 p. [MICROFILM]

History of the development of thermodynamics V. M Konovalov, H. H. Kordun Nar z ist. tekh no. 7 27-43 '61

Investigating the interaction of titanium tetrachloride with oxygen L. N. Shchegrov. Titan i ego splavy no 5: 211-219 '61.

Lakhanin, V. V., and A. N. Khoze. [General heat engineering, thermodynamics and marine power plants] Obshchaia teplotekhnika, termodinamika i sudovye silovye ustanovki Moskva, Izd-vo 'Rechnoi transport,' 1961 300 p.

Marnontov, M. A. [Problems of the thermodynamics of a body of variable mass] Voprosy termodinamiki tela peremennoi massy. Moskva, Gos nauchno-tekhn izd-vo Oborongiz, 1961. 54 p

Measuring the turbulent pulsations of temperature in a flow of fluid. V. I. Subotin, M. Kh. Ibragimov, E. V. Nomofilov. Teploenergetika 9 no 3,64-67 Mr '62

Relation between the thermal diffusion coefficient and the thermodynamic properties of binary mixtures Part 2: Dependence of the thermal diffusion coefficient of a gaseous mixture on pressure in the range 0 01-0 5 at I. S Kotousov Zhur. tekh fiz. 32 no 2 224-229 F '62

Shteinberg, V. M. [New method for calculating a non-steady-state temperature field for a semi-infinite inhomogeneous complex of bodies in mutual thermal contact. Conference on Heat and Mass Transfer, Minsk January 23-27, 1961] Novyi metod rascheta nestatsionarnogo temperaturnogo polia dlia polubeskonechnogo neodnorodnogo kompleksa tel, nakhodiashchikhsia vo vzaimnom teplovom kontakte, soveshchanie po teplo-i massoobmenu, g. Minsk, 23-27 ianvaria 1961 g. [Minsk, 1961] 17 p. [MICROFILM]

Thermodynamic characteristics of zirconium dioxide, zircon, aluminum titanates, and magnesium titanates [with summary in English]. A S. Berezhnoi Dop AN URSR no. 1 65-68 '62

Zysina-Molozhen, L. M., and M. P. Poliak. [Calculating the temperature field in a cooled turbine blade. Conference on Heat and Mass Transfer, Minsk, January 23-27, 1961] Raschet polia temperatur v okhlazhdaemoi turbinnoi lopatke; soveshchanie po teplo-i massoobmenu, g. Minsk, 23-27 ianvaria 1961 g. [Minsk, 1961] 9 p. [MICROFILM]

THERMODYNAMICS—TABLES, CALCULATIONS, ETC.

New method of plotting thermodynamic diagrams of working matter. N. I. Novikov, IU. S. Trelin. Teploenergetika 9 no. 2:79-85 F '62

THERMOELECTRIC APPARATUS AND APPLIANCES

Morgulis, N. D. [Thermoelectric (plasma) energy converter] Termoelektronnyi (plazmennyi) preobrazovatel' energii. Moskva, Gos. izd-vo lit-ry v oblasti atomnoi nauki i tekhniki, 1961. 80 p. (Nauchno-populiarnaia biblioteka)

THERMOELECTRICITY

Konozenko, I. D. [Atomic sources of electric current] Atomni dzherela strumu. Kyiv, 1961. 33 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 6, no. 18)

Thermoelectromotive force in bismuth and bismuth-tellurium alloys. D. V. Gitsu, G. A. Ivanov, A. M. Popov. Fiz. tver. tela 4 no. 1:22-28 Ja '62

THERMOMAGNETISM

Thermomagnetic Nernst-Ettinghausen effects in degenerated indium antimonide. O. V. Emel'ianenko, F. P. Kesamanly, D. N. Nasledov. Fiz. tver. tela 4 no 2:546-548 F '62.

THERMOMETERS

AM-2M electrical thermometer O Andreev Tekh v sel'khoz 22 no. 1 51 Ja '62

Air temperature measurement by the use of a rotating wire resistance thermometer IU. A. Gdagolev Izv. AN SSSR Ser geofiz no 1 133-137 Ja '62

Compensation pulse-type thermometer based on thermal agitation noise measurement A. V. Savatеev Izm tekh no 2 19-24 F '62

Miniature copper resistance thermometer with an unbalanced bridge IU. E. Sokolov Izm tekh no 2: 29-30 F '62

THERMOMETRY

Measuring minor changes in temperature on the surface of a solid body G. B Rozenblit Izm tekh no 2: 24-27 F '62.

Using the MKS-1 comparator for precision temperature measurements V. P. Shigorin, I. V. Voichinskaia Izm tekh. no 3 27-29 Mr '62

X-ray diffraction and thermographic study of precipitations of chemically reduced nickel V. P. Molaeev Izv. AN SSSR. Ser fiz 26 no. 3 381-387 Mr '62

THERMOMETRY—CONGRESSES

Conference on the methods for measuring temperatures of flame, gas flow and plasma. A. N. Gordov Izm. tekh no. 3:62-63 Mr '62.

THERMONUCLEAR REACTIONS

Faidysh, O. M. [Thermonuclear reactions; on the natural and artificial suns] Termoiadernі reaktsii, pro pryrodne i shtuchne sontse. Kyiv, 1961. 37 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 6, no. 20)

Present-day research on controlled thermonuclear reactions I. A. Artsimovich Usp fiz nauk 76 no 1: 11-20 Ja '62

Thermonuclear reaction rates. B. N. Kozlov. Atom. energ 12 no. 3,236-240 Mr '62.

THERMOSTAT

Measuring and regulating temperature in heat-treating furnaces. A. A. Shmonin. Izm. tekh no. 2:27-28 F '62.

THIADIAZINE

Clinical use of hypothiazide in edema of varied origin [with summary in English]. Vrach. delo no. 1:41-50 Ja '62.

Use of dihydrochlorothiazide (hypothiazide) [with summary in English]. IA. IA. Riiv, Kh. M. Khanaev. Vrach. delo no 1:51-54 Ja '62.

THIADIAZINE—PHYSIOLOGICAL EFFECT

Effect of reserpine and hypothiazine treatment on urinary excretion of catechol amines in hypertension [with summary in English]. V. V. Men'shikov. Terap. arkh. no 9,12-16 '61

THIADIAZOLE

2,1,3-Thio- and selendiazoles. Part 13. Nitration of 4- and 5-aminobenz-2,1,3-thiodiazoles. V. G. Pesin, A. M. Khaletskii, V. A. Sergeev. Zhur. ob khim. 32 no. 1 193-196 Ja '62.

THIAMINE

Spectral characteristics of vitamins B_1 and B_2 N. P Ivanov, G. K. Il'ich Lab delo 8 no 2 24-27 F '62

Thiamine metabolism in children with rickets and dystrophy. V. I. Belousova. Kaz. med. zhur no. 4:51-53 Jl-Ag '61

Vitamin B_1 content of pike perch meat dried by the sublimation method. B. S. Tkachenko. Ryb. khoz. 38 no. 2:72-73 '62.

THIAZANE

Synthesis of thiazane and thiadiazane derivatives of biological interest. Part 2: 3-Alkyl derivatives of 1,3-thiazane-2,4-dione. E. V. Vladzimirskaia. Zhur. ob. khim. 32 no. 2,539-541 F '62.

THIAZINE

Synthesis of thiazanedione-2,4 and its 3-derivatives [with summary in English]. O. V. Vladzimirska, M. M. Turkevych. Dop. AN URSR no. 1,80-81 '62.

THIAZOLE

Synthesis of somnevrines. I. Kh. Feldman, G. M. Khaifets. Med. prom. 15 no. 12:17-18 D '61.

Synthesis of thiazole derivatives. Part 17: Hydroxymethyl-substituted 2-methylthiazoles V. M. Zubarovskii, R. N. Moskaleva. Zhur. ob. khim. 32 no. 2, 570-575 F '62.

THIAZOLINE

2-(β- and γ-pyridyl)-Δ^2-thiazolines. Part 5: Alkylphenyl-pyridyl-2-thiazolinyl Δ^2-carbinols. A. Banashek, M. N. Shchukina. Zhur. ob. khim. 32 no. 1,205-208 Ja '62.

THIAZOLOCARBOCYANINE—SPECTRA

Steric hindrances in 4,4'-diarylthiazolocarbocyanines. E. D. Sych, A. I. Kiprianov Zhur. ob khim. 31 3926-3929 D '61.

THICKNESS MEASUREMENT

Induction differential transmitter of an automatic [illegible] for measuring cardboard thickness A. I. [illegible] V. N. Dogotar', G. I. Matsenko Izm. tekh [illegible] '62

THIGH—WOUNDS AND INJURIES

Comparative evaluation of methods of treating [illegible] wounds of the thigh in rabbits in the case of [illegible] fragments hidden in the deep layers of the [illegible] G. G. Mamedzade. Azerb. med. zhur [illegible] Ag '61

THIOCARBONATES

Interaction of chloro derivatives of alkoxythiocarbonates with ammonia and amines V. S Pshin, [illegible] Dokl AN SSSR 142 no 4 830-833 F '62.

THIOCHROMONE

Condensation of thiochromone with compounds [illegible] active methyl or methylene groups A. I. [illegible] V. P. Sorbinaia Zhur ob khim 32 no. 2 [illegible] '62

THIOLS

Polarography of diethylaminoethylthiol. [illegible] Zhur ob khim. 31 no 12:3971-3972 D '61

Reaction of 1,1-dichloro-2-propene and [illegible] with alkyl(aryl)thiols R Kh Freidlina, A [illegible] R G. Petrova Izv AN SSSR, Otd khim [illegible] 786 F '62.

THIOPENTAL

Change in the respiratory rhythm following [illegible] administration of sodium thiopental combined [illegible] neuroplegic drugs P. D. Bellakov, Z. V [illegible] stov. khir. arkh no. 1:64-67 Jl Ag '60.

Combined anesthesia using nitrous oxide and [illegible] doses of thiopental with the use of muscle [illegible] mitral commissurotomy [with summary in [illegible] I. P. IAnkovoi Vest. khir. no 7 143 [illegible] '61

THIOPHENE

Synthesis and some conversions of sulfide [illegible] thiophene series Part 5 Synthesis and [illegible] of 2-mercaptothiophene. IA. L. Gol'dfarb [illegible] M. I. Kilmalova Zhur ob. khim. 32 no 1 [illegible] '62.

Synthesis of secondary amines of the thiophene [illegible] B. P. Fedorov, G. I. Gorunkina, IA. L. Gol'dfarb ob. khim 31 no. 12:3933-3939 D '61

THIOPYRAN—SPECTRA

Infrared absorption spectra of α-alkylpentamethylene sulfides IU. K. Rit'ev, Iu. A. Pentin, [illegible] Neftekhimiia 1 no 2 164-168 Mr Ap '61

THIO-TEPA

Immediate results of Thio-TEPA treatment [illegible] with cancer of the female genitalia [with [illegible] English]. A. N. Konat'eva, Vop. onk. [illegible] '61.

Materials on the study of the mechanism of [illegible] triethylene thiophosphoramide (Thio-TEPA) [illegible] Report 1. Methods of studying the biosynthesis [illegible] proteins in experimental animals [with summary in English]. G. Mergina, G. Solaz-emnikova [illegible] SSR no 1:123-130 '62.

Thio-TEPA treatment of neglected forms of [illegible] cer F. D. Aniskova, L. M. Beletskaia Vop. [illegible] no. 2 68-71 '62

Use of Thio-TEPA in advanced malignant [illegible] ovaries [with summary in English]. A. Kh. [illegible] Vop onk. 7 no. 7 84-87 '61.

THIOUREA

Method of polarographic determination of thiourea in sulfuric acid solution and a copper electrolyte. V. S Ginzburg. Sbor. nauch. rab. VNIIPP no. 11 [illegible]

THIOXANTHENE—THERAPEUTIC USE

Use of truxal in the treatment of mental patients [with summary in French]. V. K. Kaubish. Zh. [illegible] psikh 61 no. 6,881-885 '61.

THIRST

Water intake during work under high air temperature [illegible] and restoration of body weight at different [illegible] F T Eromin. Med. zhur. Uzb. no. 12:41-44 [illegible]

THORIUM

Radium and thorium content of lavas of the Hawaiian Volcano. N. N Shavrova Biul. Vulk sta [illegible] '61.

THORIUM—ISOTOPES

Measuring the energy of α-particles in the [illegible] Th^{232} and Bi^{210} isotopes. G. A. Korolev, G. [illegible] rov. Izv. AN SSSR. Ser. fiz. 26 no. 3,335-[illegible]

THORIUM CHLORIDE

Properties of zirconium and thorium chlorides [illegible] alcohol solutions. A. I. Sviridova, N. V. Sulkowska Zhur. prikl. khim. 35 no. 2:280-285 F '62

THORIUM FLUORIDE

Solubility of thorium, lanthanum, and cerium fluorides in uranyl nitrate solutions [with summary in English] E. N. Deichman, I. V. Tananaev. Zhur. anal. khim. 17 no. 1:134-136 Ja-F '62.

THORIUM OXIDE—PHYSIOLOGICAL EFFECT

Characteristics of the biological action of thorium dioxide in intratracheal and intra-abdominal administration [with summary in English] [An' Siao-Shan' (Yen Hsiao-shan). Gig. truda i prof. zab. 6 no. 1:21-28 Ja '62.

THOUGHT AND THINKING

Principle of the "parallelism in form and content of thinking" and its significance for traditional, logical and psychological research. Report No. 4. "Principle of universality" of logical formulae and the dependence of the imagery structure of thinking on its content. G. P. Shchedrovitskii. Dokl. APN 5 no. 5 103-108 '61.

THREAD

Analyzing the strength of threads made from continuous fibers. K. N. Ushakova. Tekst. prom. 22 no. 1:75-78 Ja '62.

THREAD—TESTING

Effect of yarn twisting on the properties of sewing twist. B. P. Pozdnikov. Tekst. prom. 22 no. 1:30-35 Ja '62.

THROAT—DISEASES

Critical remarks on V. S. Abagiant'n article "Clinical course of angina of different etiology" in Meditsinskii Zhurnal Uzbekistana no. 8, 1959. Iu. E. Kocherovskii. Med. zhur. Uzb. no. 2 65-66 F '60.

Experimental studies on the higher sections of the brain in a sick child and in one convalescent from angina as applied to problems in the hygiene of the nervous system. E. Kh. Ganiushkina. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. 6:65-71 '61.

Incidence of angina among workers of the vacuum industry, and the dispensary treatment of chronic tonsillitis. I. IA. Izrak. Med. zhur. Uzb. no. 12 38-41 D '61.

Role of anamnesis in the diagnosis and treatment of angina. N. N. Lozanov. Kaz. med. zhur. no. 4:19-23 Jl-Ag '61.

THROMBOSIS

Thromboses of the sinuses of the dura mater, of the cerebral veins and subdural hematomas in infectious psychoses with an acute course. I. V. Katarinova. Vop. psikh. no. 4, 347-353 '60.

Thrombosis of major arterial stems. N. I. Gerasimenko, I. A. Shvedenko. Vrach. delo no. 1:140-141 Ja '62.

THROMBOSIS—COMPLICATIONS AND SEQUELAE

Protein fractions of the blood serum in acute myocardial infarction following thrombosis [with summary in English] N. I. Semenovich. Terap. arkh. no. 9:39-42 '61.

THULIUM—ISOTOPES

Determination of yttrium from k-edge absorption with the aid of Tm^{170}. V. IU. Zaleskii, S. M. Przhialgovskii. Zav. lab. 28 no. 1 35-38 '62.

THUNDERSTORMS see subdivision under Shemakha

THYMOL

Diagnostic and prognostic significance of the thymol test in epidemic hepatitis. L. I. Gol'berg, R. I. Vorob'evskaia. Kaz. med. zhur. no. 6:17-18 N-D '61.

THYMUS GLAND—SURGERY

Principles of anesthesia in thymectomy in myasthenia. IU. B. Nechaev, I. A. Anokhin, N. N. Buinova. Grud. khir. no. 5:96-102 '61.

THYROID GLAND

Effect of methylthiouracil on milk production and the function of the thyroid gland in goats. B. N. Ermolov. Fiziol. zhur. 48 no. 1:86-90 Ja '62.

THYROID GLAND—CANCER

Some data on the morphology of thyroid gland cancer. P. A. Zhukov. Nov. khir. arkh. no. 1:42-51 Ja-F '61.

THYROID GLAND—DISEASES

Functional state of the liver in thyrotoxicosis during the course of I^{131} therapy [with summary in English]. N. Khamidov. Terap. arkh. no. 7:99-104 '61.

Our experience with the preoperative preparation of patients with thyrotoxicosis. I. I. Nelmark. Sov. med. 25 no. 12:121-125 D '61.

Treatment of hypothyreosis and hypoparathyreosis. A. K. Gorchakov, A. P. Stepanenko, N. V. Romashkan. Nov. khir. arkh. no. 1:30-41 Ja-F '60.

THYROID GLAND—TUMORS

Case of the development of cartilaginous tissue in the thyroid gland of a fetus. M. Santov. Med. zhur. Uzb. no. 8:69 Je '60.

X-ray diagnosis of skeletal metastases of thyroid gland adenoma [with summary in English]. A. L. Bogoslavskii. Vop. onk. 8 no. 1:18-25 '62.

THYROID HORMONES

Effect of hypothyreosis on some indices of protein metabolism in rats of various ages during different seasons of the year. V. M. Merezhinskii. Dokl. AN BSSR 6 no. 1 60-64 Ja '62.

TIBIA

Results of osteoplastic reconstruction of tibial defects appearing following hematogenic osteomyelitis. V. IA. Moskin. Ortop., travm. i protez. no. 1:37-42 '62.

TIBIA—FRACTURE

Osteosynthesis by means of a metal spike in fresh diaphysical fractures of the leg. B. A. Kuliev. Azerb. med. zhur. no. 8:46-49 Ag '61.

Surgical treatment of diaphysical fractures of the bones of the shin. N. A. Ananiev. Kaz. med. zhur. no. 6:33-35 N-D '61.

Treatment of unknit tibial fractures. G. G. Slesarev. Ortop., travm. i protez. no. 1 42-46 '62.

TIBIA—SURGERY

Repair of tibial defects by Hahn's method. G. S. Samoilov, A. A. Rumiantseva. Ortop., travm. i protez. no. 1:32-37 '62.

TICKS

(see also subdivision under Fergana)

Comparative histology of the blood and connective tissue. Form elements in the hemolymph of Ixodes ticks [with summary in English]. V. A. TSvileneva. Arkh. anat. gist. embr. 40 no. 6:91-100 Je '61.

TICKS AS CARRIERS OF DISEASE

Experimental study of a tissue vaccine against tick-borne encephalitis [with summary in English] B. F. Semenov and others. Vop. virus. 6 no. 6:716-720 N-D '61.

Study of experimental rickettsioses using fluorescent antibodies. Report No. 3. Study of ticks for their infectivity with R. Burneti [with summary in English]. N. I. Amosenkova, R. B. Gol'din, A. B. Dinter. Vop. virus. 6 no. 6:664-669 N-D '61.

Symposium on the Biology of Viruses of the Tick-borne Encephalitis Group. E. Levkovich, S. Karpov. Vop. virus. 6 no. 6 756-760 N-D '61.

Tick-borne encephalitis in the Tatar A.S.S.R. (1950-1957). G. L. Khasis. Kaz. med. zhur. no. 6:47-49 N-D '61.

TIDAL POWER

Bernshtein, L. B. [Tidal electric power plants in modern power engineering] Prilivnye elektrostantsii v sovremennoi energetike. Moskva, Gos. energ. izd-vo, 1961. 270 p. (Materialy po proektirovaniiu gidroenergeticheskikh uzlov. Serila 4. Gidroelektrostantsii. Konstruktsii i materialy)

The sea produces electric current. O. Chechel'nyts'kyi. Nauka i zhyttia 11 no. 12:22-21 D '61.

TIDES

Investigation of tide-generating forces. V. B. Rzhonsnitskii. Okeanologiia 2 no. 1 72-75 '62.

TIEN SHAN—GAS, NATURAL

Study of gases in quartz crystals from the Maydantal. M. M. Elinson, V. S. Polykovskii. Izv. vys. ucheb. zav.; geol. i razv. 4 no. 11,26-36 N '61.

TIEN SHAN—GEOLOGY, STRATIGRAPHIC

Zonal correlation of the Famennian stage of the Kara-Tau Range, western spurs of the Tien Shan, and the western part of central Kazakhstan based on brachiopods. A. I. Sidiachenko. Dokl. AN SSSR 140 no. 5: 1159-1162 O '61.

TIEN SHAN—QUARTZ

Study of gases in quartz crystals from the Maydantal. M. M. Elinson, V. S. Polykovskii. Izv. vys. ucheb. zav.; geol. i razv. 4 no. 11;26-36 N '61.

TIFLIS—AUTOMOBILES—MAINTENANCE AND REPAIR

In close cooperation. Avt. transp. 40 no. 2:55 F '62.

TIFLIS—BOOKSELLERS AND BOOKSELLING

Four friends. Nik. Dvalishvili. Sov. knizh. torg. 15 no. 2: 16-18 F '62.

TIFLIS—RESTAURANTS, LUNCHROOMS, ETC.

New trends, new ideas. V. Eliashvili. Obshchestv. pit. no. 11:13-15 N '61.

TIFLIS—STATISTICS

Tiflis. Statisticheskoe upravlenie. [Tiflis; statistical collection published for the commemoration of the 40th anniversary of the Soviet regime in Georgia] Tbilisi; k 40-letiiu Sovetskoi vlasti v Gruzii. Statisticheskii sbornik. Tbilisi, 1961. 191 p.

TILES

Light colored tiles for interior facing [with summary in English, p. 74]. N. O. Sakharova, O. V. Cherepova, K. M. Golik. Vienyk ABIA URSR no. 4:46-49 '61.

Lining of a gravity trough with basalt tiles. E. I. TSomirov, E. B. Kreĭman. Put' i put. khoz. 6 no. 2:31-32 '62.

Technological layouts and parameters of the production of glazed facing tiles in an automated plant. G. S. Blokh, L. F. Shuliko. Trudy NIIStroikeramiki no. 16:3-14 '60.

TILLAGE

Basic results of the study on the effectiveness of the Maltsev tillage system. F. A. Sokolov. Shor. nauch.-issl. rab. UzNIIME no. 1:11-19 '59.

Effect of different methods used in cultivating soil on slopes on the decrease of snow-water runoff. M. A. Shevchenko. Meteor. i gidrol. no. 2 32-37 F '62.

Effect of packing and furrowing on soil water balance and crop yields. M. S. Shigaev. Pochvy IUzh. Urala i Povol. no. 4:223-229 '60.

Effective crop cultivation practices guarantee high yields. V. A. Bondarenko. Zemledelie 24 no. 1 31-35 Ja '62.

Problem concerning the study of soil tillage. M. D. Matsepuro, N. A. Makarova, V. V. Katsygin. Vop. zemledel' mekh. 7:28-59 '61.

Scarifying interrows of cotton seedlings. V. A. Serglenko. Shor. nauch.-issl. rab. UzNIIME no. 1:93-109 '59.

Selection of basic parameters for working parts in leveling field surfaces after plowing. A. I. Kim. Shor. nauch.-issl. rab. UzNIIME no. 1:45-65 '59.

Taking into account the relief in the organization of land use. S. I. Pomelov. Trudy MIIZ no. 8:169-174 '59.

TILLEYITE see subdivision under Lower Tunguska Valley

TIMAN RIDGE—GEOLOGY, STRATIGRAPHIC

Upper Famenian sediments in the Timan-Pechora region. T. I. Kushnareva. Izv. vys. ucheb. zav., geol. i razv. 5 no. 1 38-47 Ja '62.

TIMF

Strel'bitskyi, V. I., and P. H. Tytarenko. [The calendar; determination of time by various peoples of the world] Kalendar' vyznachennia chasu u riznykh narodiv svitu. Kyiv, 1961. 43 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 2, no. 9)

TIME, GEOLOGICAL see Geological time

TIME STUDY

(see also subdivision under Lugansk Province)

Methodology for studying the expenditure of working time in work on automatic lines. N. A. Silant'eva. Nauch. trudy MIEI no. 18;215-236 '61.

Using motion pictures for studying the expenditure of working time at the Renault Plants, France. P. Orlov. Biul. nauch. inform. trud i zar. plata 5 no. 1:73-75 '62.

TIMEKEEPING (LABOR)

Simplify timekeeping accounting. G. Zhdanov. Bukhg. uchet 19 no. 1:43-46 Ja '62.

TIN

Soluble tin in ores of the Dzhalinda deposit and solubility of cassiterite in acids. L. E. Novorossova, G. N. Komarova. Geol. i rud. mestorozh. no. 1:122-125 Ja-F '62.

TIN—ELECTROMETALLURGY

Technology of the electrolytic refining of crude tin and high density metals. N. S. Golikov. TSvet. met. 35 no. 2;40-43 F '62.

TIN—SPECTRA

Effect of sodium and zinc on the relative intensity of the analytical pairs of lines of tin and copper in the arc [with summary in English] G. V. Ovechkin. Zhur. anal. khim. 17 no. 1:31-36 Ja-F '62.

TIN COMPOUNDS

Preparation of single crystals and the crystal structure of Ti_6Sn_5 compounds. V. ... tsvetnometobrabotka no. 2

TIN COMPOUNDS—D...

Polarity of the com... saturated comp... nova, K. A. Koch... 317-318 Ja '62.

TIN HALIDES

Reactions of tin and... Part 1: Ethylenedi... Sakenova. Zhur. ...

TIN ORES see subdi...

TIN ORGANIC COMP...

Reaction of stannol... Shostakovskii, N. ... SSSR. Otd. khim. n...

Synthesis of organo... Zemlianskii, E. M... ob. khim. 32 no. ...

TIN ORGANIC COMP...

Structure and vibra... T. V. IAkovleva, A... i spektr. 12 no. ...

TIN-TITANIUM ALL...

TIRASPOL'—CHILDREN—CARE AND HYGIENE

Young Mother's Day N.M Starikov. Zdravookhranenie 4 no.6 60 N-D '61

TIRASPOL'—DRUGSTORES

New communist labor group Zdravookhranenie 4 no.6 60 N-D '61.

TIRASPOL' DISTRICT—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

A Communist is always on duty. I. Tolmachev Komm. Mold. 6 no. 7:24-29 Jl '61

TIRE BEADS

Mechanism in a wire bead manufacturing machine for automatic removal of wire beads from molds R M Bekker Kauch. i rez. 20 no. 9:49-50 S '61

TIRE FABRICS

Fourth meeting of the Working Group on viscous cord I. F. Nagdaseva. Kauch i rez. 20 no. 9:60-63 S '61

TIRES, RUBBER

(see also subdivision under Kirov, Kirov Province; Leningrad; Omsk)

Conference of young specialists of the Scientific Research Institute of the Tire Industry L. A Smirnova Kauch. i rez. 20 no. 9:57-58 S '61.

Development of the tire industry between the 20th and 22d Congresses of the CPSU. M A Strongin, L A Smirnova. Kauch. i rez. 20 no 9:1-4 S '61

News of science and equipment abroad. Kauch i rez. 21 no. 2 53-58 F '62.

TISHCHENKO, VIACHESLAV EVGEN'EVICH, 1861-1941

In memory of Academician V. I. Tishchenko N. I. Nikitin Zhur ob khim. 31 no 12:3849-3854 D '61.

TISSUE CULTURE

Adaptation and cultivation of the trachoma virus in a tissue culture [with summary in English] I. I. Terskikh, A. IU. Bekleshova Vop virus 6 no 6 720-724 N-D '61.

Changes in the neurons and neuroglia in a culture of the cerebral cortex [with summary in English] S N Olenev Arkh anat. gist i embr 42 no 2 46-53 F '62.

Effect of penicillin on the production of agglutinins by a spleen tissue culture [with summary in English] N V. Chumachenko, E M. Sokolova Antibiotiki 7 no 2 162-166 F '62

Method of continuous flow cultures and its significance for the analysis of cellular functions. N D. Ierusalimskii. Vest AN SSSR 32 no 3:40-45 Mr '62

Suitability of various types of tissue culture for detecting poliomyelitis and other enteroviruses in the practical laboratory [with summary in English] E. S. Zalmanzon and others. Vop virus 6 no 6 750-754 N-D '61.

System and necessary calculation for production and use of tissue culture concentrate with aminopeptide-2 [with summary in English] M. Lavrov Izv AN Latv SSR no 12 118-122 '61

TISSUE CULTURE—EQUIPMENT AND SUPPLIES

Chamber for the constant observation and microcinematography of tissue cultures. A. M. Mosolov. Vop. virus. 6 no 6 748-750 N-D '61.

TISSUE EXTRACTS

Effect of Filatov's biogenic stimulator on the restoration of stomach function after sectioning of the anterior half of the spinal cord. R. O Barseglan. Fiziol. zhur. 48 no 1,76-81 Ja '62.

Fifteen years' experience in tissue therapy in ophthalmological practice I. A. Gusev Med zhur. Uzb. no. 9: 58-60 S '61.

Treatment of some dermatoses with a paste of the ASD fraction 3 preparation. P. Baskakov, A. Babikova. Voen.-med. zhur. no 9:79 Ag '61.

TISSUES—TRANSPLANTATION

(see also subdivision under United States)

Closure of a penetrating defect of the stomach wall by means of a homotransplant in experimental radiation sickness. N. V. Stankevich. Zdrav. Bel. 7 no. 8:30-35 Ag '61

TITANIC ACID

Catalytic transformations of terpenes. Part 9 Isomerization of sabinene by means of metatitanic acid G. A. Rudakov, M. I. Gorinev, G. A. Tolstikov. Zhur. ob. khim. 32 no 1:312-315 Ja '62.

TITANIUM

(see also subdivision under Anzas region)

Determination of titanium, tantalum, and niobium in carbide compositions. V. G. Shcherbakov, Z. K. Stegendo, Biul. Inst. metaloker. i spets. splav. AN URSR no. 6:88-92 '61.

Effect of chemical bonds on the X-ray emission spectrum of titanium. M. A. Blokhin, A. T. Shuvaev Izv. AN SSSR. Ser. fiz. 26 no. 3:429-432 Mr '62.

Kossovskii, M. A. [Titanium] Titan. Moskva, Vses. uchebno-pedagog. izd-vo Profizdat, 1961. 49 p. (Nauchno-populiarnaia literatura)

Measuring the spin-lattice relaxation time in supercooled Ti^{3+} solutions by the progressive saturation method. Fiz tver tela 4 no 1:86-98 Ja '62.

Metals of the future. V. M. Sviechnykov Nauka i zhyttia 11 no. 12 7-8 D '61

Using the gravimetric method in the mineralogical analysis for the determination of the titanium content in rocks V. G. Chuprova. Mat. po min Kol'. poluost. 1:166-175 '58.

TITANIUM—ANALYSIS

Polarographic method for determining titanium and iron in titanium-zirconium and iron ores and concentrates L. N. Liubimova, V. G. Sochevanov. Zav. lab. 28 no 1 15-17 '62

TITANIUM—CORROSION

Some structural characteristics of scale formation on titanium D I. Lainer, M. I. TSypin. Trudy Giprotsvetmetobrabotka no 20 28-41 '61

Studying the structure of titanium scale in the process of its formation. D. I. Lainer, M. I. TSypin. Trudy Giprotsvetmetobrabotka no 20 42-64 '61.

Titanium oxidation; a review E. N. Slesareva. Trudy Giprotsvetmetobrabotka no 20 65-80 '61.

TITANIUM—ELECTRIC PROPERTIES

Electrical conductivity of solid and liquid titanium. V. V. Voicinik and others Izv vys ucheb zav; chern. met. 5 no 1,137-140 '62.

TITANIUM—ELECTROMETALLURGY

Developing a procedure for the electric smelting of perovskite and titanium-magnetite sinter. V. A Reznichenko and others Titan i ego splavy no 5:54-59 '61

Dressing and refining titanium concentrates by reduction roasting in induction furnaces with subsequent magnetic separation. A. I. Izmodenov, IU. A. Izmodenov. Titan i ego splavy no. 5:34-37 '61.

TITANIUM—METALLURGY

Dressing and metallurgical estimate of titanium-magnetite ores. S. M. Buchel'nikov, B. Z. Kudinov, V. A. Kiselev. Titan i ego splavy no. 5:38-49 '61

Effect of certain addition elements on titanium oxidation D. N. Lainer, E. N. Slesareva. TSvet. met 36 no 2: 70-76 F '62.

Electric conductivity of titanium slags. V. S. Balikhin, V. A. Reznichenko. Titan i ego splavy no 5:95-101 '61

Metallurgical estimate of ilmenite and titanium-magnetite ores. G. B. Dmitrovskii, V. A. Reznichenko. Titan i ego splavy no. 5:28-33 '61.

Metallurgical estimate of macrocrystalline titanium-magnetite ores. E. B. Dmitrovskii, V. A. Reznichenko Titan i ego splavy no. 5:20-27 '61

Physicochemical basis for the opening of ilmenite concentrates by the method of reduction smelting with sodium sulfate. A. A. Fotiev Titan i ego splavy no. 5: 295-300 '61

Reduction of ilmenite concentrates in a fluidized bed. V. A. Reznichenko and others. Titan i ego splavy no 5: 60-64 '61.

Studying the interaction of trivalent titanium sulfate with sulfuric acid. M. I. Militina, A. P. Shtin, A. K. Sharova Titan i ego splavy no. 5:391-398 '61

TITANIUM ALLOYS

Glazunov, S. G. [Titanium in industry] Titan v promyshlennosti; sbornik statei. Moskva, Gos. nauchno-tekhn. izd-vo Oborongiz, 1961. 327 p.

TITANIUM CARBIDE

Analysis of alloys of titanium carbide with various metals. L. E. Kotliar, T. N. Nazarchuk. Biul. Inst. metaloker. i spets. splav. AN URSR no 6:93-100 '61.

Heat-resistance of ceramic metal hard alloys on a titanium-carbide base. I. S. Brokhin and others Sbor. trud. VNIITS no. 2 135-147 '60.

Study of the metallic compounds formed during the interaction of multicomponent nickel solutions with titanium carbide. R. B. Colubitsova, L. A. Mashkovich. Biul. Inst. metaloker. i spets. splav. AN URSR no. 6:109-113 '61.

TITANIUM CARBIDE—OXYGEN CONTENT

Method of determining oxygen in titanium carbide. IU. N. IUrkevich, V. G. Shcherbakov. Biul. Inst. metaloker. i spets. splav. AN URSR no. 6:101-108 '61.

TITANIUM CHLORIDE

Development and introduction of new methods for the recovery of titanium tetrachloride from chloride pulps. V. IU. Kramnik and others. Titan i ego splavy no. 5: 267-272 '61.

Experimental testing of centrifuges and ceramic filters for the clarification of commercial titanium tetrachloride. V. IU. Kramnik, V. I. TSvetkov, E. V. Misheneva. Titan i ego splavy no. 5:273-278 '61.

Interaction between the vapors of titanium tetrachloride and certain metallic oxides. V. A. Il'ichev, A. M. Vladimirova. Titan i ego splavy no. 5:245-250 '61.

Interaction of titanium tetrachloride with [illegible] titanium-bearing slags in fused chlorides [illegible] kov, N. V. Baryatinskov. Titan i ego splavy [illegible] 147 '61

Investigating the interaction of titanium tetrachloride with oxygen. L. N. Shchegrov. Titan i ego splavy [illegible] 211-218 '61.

Investigating the titanium slag chlorination process V. A. Reznichenko, V. P. Solomakha. Titan i ego splavy no. 5:102-114 '61.

Investigations in the field of titanium tetrachloride purification. T. A. Zavaritskaia. Titan i ego splavy no. 5:195-200 '61.

Oxidation of titanium tetrachloride with oxygen Molnov, B. N. Melent'ev, V. A. Reznichenko [illegible] ego splavy no. 5:205-210 '61.

Preparation of titanium and zirconium tetrachlorides during the processing of titanium-zirconium [illegible] A. S. Berengard, V. A. Kozhemiakin, N. A. [illegible] Titan i ego splavy no. 5:181-187 '61.

TITANIUM CHLORIDE—ANALYSIS

Determination of the total carbon content of titanium tetrachloride. G. V. Seriakov, S. A. Vaks, I. [illegible] vanov. Titan i ego splavy no. 5:201-204 '61

TITANIUM-COBALT-TUNGSTEN ALLOYS [illegible] titanium-cobalt alloys

TITANIUM COMPOUNDS

Formation thermodynamics of a complex fluoride with trivalent titanium (TiF_6) in fused salts Smirnov, IU. N. Krasnov. Trudy Inst. [illegible] UFAN SSSR no. 1:23-26 '60.

Investigating the chlorination processes of titanium niobium carbides, of complex titanium-niobium [illegible] bides and certain other compounds. G. A. [illegible] others. Titan i ego splavy no. 5:167-180 '61

Investigating vapor-liquid phase equilibrium [illegible] formed by titanium tetrachloride with chlorides of mono- and trichloroacetic acids. G. V. [illegible] S. A. Vaks, L. S. Sidorina. Titan i ego splavy [illegible] 224 '61.

Polycondensation synthesis of polychelate titanium elastomers. K. A Andrianov, Sh. V. [illegible] Komarova. Izv. AN SSSR. Otd. khim nauk [illegible] F '62.

Preparation of single crystals and the crystal structure of Ti_6Sn_5 compounds V. P. Samsonov [illegible] tavetmetobrabotka no 20 130-142 '61

Use of slags from the smelting of titaniumiferous ores for the production of titanium dioxide and titanium tetrachloride. F. IA. Il'kov and others. [illegible] splavy no. 5:279-281 '61.

TITANIUM HALIDES

Reactions of tin and titanium tetrahalides [illegible] Part I: Ethylenediamine. T. N. Simonova, [illegible] Sakenova. Zhur. ob. khim. 32 no [illegible]

TITANIUM-NICKEL-TUNGSTEN ALLOYS [illegible] titanium-nickel alloys

TITANIUM NITRIDE—ELECTRIC PROPERTIES

Effect of oxygen on the electric properties of titanium nitride G. V. Samsonov and others [illegible] 142 no 4 862-865 F '62.

TITANIUM ORES

Developing a flowsheet for the use of low-concentrate ores. E. B. Dmitrovskii, V. A. Reznichenko, V. P. Solomakha. Titan i ego splavy no. 5: 1 [illegible]

Kinetics and mechanism of the reduction of ilmenite and titanium-magnetite by carbon at elevated [illegible] tures. E. I. Khavanov, B. V. Shul'tin. Titan i [illegible] no. 5:85-94 '61.

Results of testing on the sintering of titanium [illegible] trates. V. A. Reznichenko, G. D. Sidorenko. [illegible] ego splavy no. 5:50-53 '61.

TITANIUM ORES—ANALYSIS

Mineralogical composition of titanium-bearing [illegible] Titan i ego splavy no. 5: 3- 12 '61.

TITANIUM OXIDE

Behavior of anodes of an intimate mixture of titanium dioxide with carbon in the electrolysis of salt [illegible] M. V. Smirnov, S. F. Pal'guev. Trudy Inst. elektr. [illegible] UFAN SSSR no. 1:29-33 '60.

Carbon-oxide anodes with lower titanium oxides in the electrolysis of chloride melts. M. V. Smirnov, [illegible] Krasnov. Trudy Inst. elektrokhim. UI AN [illegible] 35-41 '60.

Investigating interaction processes of the lower titanium oxides with ilmenite. V. A. Reznichenko, [illegible] Titan i ego splavy no. 5:75-79 '61.

Kinetics of chlorinating titanium dioxide in a [illegible] fused chlorides. A. B. Bezukladnikov, [illegible] skii, Titan i ego splavy no. 5:135-142 '61

Method of processing ilmenite concentrates for the production of titanium dioxide. E. F. Bel'skaia [illegible] i ego splavy no. 5:269-274 '61.

TITANIUM OXIDE (Continued)

Studying the kinetics of chlorinating molten titanium dioxide. Kim, Myong-nin, B N Melent'ev Titan i ego splavy no 5:120-134 '61.

Studying the titanium dioxide chlorination process V. A. Reznichenko, V P. Solomakha. Titan i ego splavy no. 5:115-119 '61.

Synthesis of anosovite and of solid solutions on the basis of a titanium sesquioxide lattice. V. A Reznichenko, T. P. Ukolova. Titan i ego splavy no 5:80-84 '61

Use of ilmenite concentrates for the production of pigmented titanium dioxide by the sulfuric acid method M. L. Borodina and others. Titan i ego splavy no 5, 282-288 '61.

TITANIUM-PHOSPHORUS ALLOYS

Study of the chemical stability and methods of chemical analysis of titanium-phosphorous alloys and chromium-phosphorous alloys G. V. Samsonov, L. L. Vereshkina, O. I. Popova. Biul. Inst. metaloker. i spets. splav AN URSR no. 6:75-79 '61.

TITANIUM-TIN ALLOYS

Analysis of titanium-tin alloys with a high tin content. Biul. Inst. metaloker. i spets splav. AN URSR no 6:121-123 '61.

Simple method of analyzing titanium-tin alloys. K. D. Modylevskaia Biul. Inst metaloker. i spets splav. AN URSR no. 6:124-125 '61.

TITANIUM-TUNGSTEN ALLOYS—TESTING

Effect of tantalum carbide additions on certain properties of titanium-tungsten hard alloys V I Trefilakov, A N. Karabasova, A B Platov Sbor trud VNIITS no. 2 79-91 '60

TITANOMAGNETITE see subdivision under Kola Peninsula, Ural Mountains

TITOV, GERMAN STEPANOVICH, 1935-

Aviation and outer space. G. S. Titov. Vest. Vozd. Fl. no 10:13-24 O '61.

Aviation and outer space. G. S. Titov Vest. Vozd. Fl. no 11:14-25 N '61

Everyday work of an astronaut. A. Sakharov. Starsh. serzh. no 9:8 S '61.

TITRATION

"Catalymetric" titration K B. IAtsimirskii, T. I. Fedorova Dokl AN SSSR 143 no 1 143-145 Mr '62.

Theoretical principles of titration in nonaqueous media [with summary in English]. A. P Kreshkov Zhur anal khim. 17 no. 1:6-15 Ja-F '62.

TKACHENKO, ANATOLII

"Life is uneasy"; stories by A. Tkachenko. Reviewed by Gleb Goryshin. Znamia 31 no. 1 p215-218 D '61

TOBACCO

Effect of darkness on the amount of nicotine alkaloids in tobacco roots and leaves. P. S. Avundzhian Dokl AN Arm SSR 33 no 5 223-226 '61

TOBACCO INDUSTRY—FINANCE see subdivision under Kiev Province

TOBOL'SK GOVERNMENT—PEASANT UPRISINGS

The "P. D. Kiselev Reform" and the uprisings of Tobolsk Government crown peasants in 1841. V. I. Buchar nikova. Ist. zap. no. 70:285-295 '61.

TOGO

Gal'perin, G. L. [The Republic of Togo] Respublika Togo. Moskva, Gos. Izd-vo geogr lit-ry, 1961. 46 p (U karty mira)

[MICROFILM]

TOLBIN, V. V.

The "Petrashevskii" writer. V. V. Tolbin after 1849 [with summary in English]. Z. V. Vlasova. Vest. LGU 17 no 2:107-118 '62.

TOLL ROADS see subdivision under France

TOLOCHIN DISTRICT—FLAX

A source of wealth. Ul. Stachanuk. Belarus' 10 no. 2: 12-13 F '62.

TOLSTOI, LEV NIKOLAEVICH, 1828-1910—BIBLIOGRAPHY see Bibliography—Tolstoi, Lev Nikolaevich, 1828-1910

TOLUENE

Demethylation of toluene by conversion with water vapor G N Maslianskii, G. L. Rabinovich Neftekhimiia 1 no. 2,182-186 Mr-Ap '61.

Homogeneous demethylation of toluene. Report No. 1. Basic indices of the process at 750-790°C. M. G. Gonikberg and others. Neftekhimiia 1 no 1:46-53 Ja-F '61.

Spectrophotometric analysis of mixtures of ethyltoluene isomers [with summary in English]. I. N Dilarov, M. S. Pevzner. Zhur. anal. khim. 17 no. 1:102-104 Ja-F '62.

TOLUIC ACID

Polarographic analysis of a mixture of terephthalic, p-toluic, nitroterephthalic, and 3-nitro-p-toluic acids [with summary in English]. IA. I. Turian, IU. A. Vakhrushev. Zhur. anal. khim. 17 no. 1:121-126 Ja-F '62.

TOMATO BREEDING

Data on the inheritance of the features of two pollen parents in tomatoes M R. Makhalova. Agrobiologiia no. 6 887-893 N-D '61

TOMATOES—FERTILIZERS AND MANURES

Effect of foliar feeding of tomato plants with iodine and cobalt solutions on plant development and trace element accumulation in the fruit. M V. Terent'eva Dokl AN BSSR 6 no. 2:127-129 F '62.

TOMBS see subdivision under Termez

TOMI VALLEY—BRONZE FOUNDING

Bronze founding in the lower part of the Tomi Valley V.I Matiushchenko Krat soob Inst. arkheol. no 84: 133-135 '61

TOMI VALLEY—STATUETTES

New finds from the lower part of the Tomi Valley. V.I. Matiushchenko. Krat soob Inst. arkheol no. 84 130-132 '61.

TOMSK—HERBARIUM

"P. N. Krylov Herbarium at the Kuibyshev State University in Tomsk" by L. P Sergievskaia. Reviewed by A. V. Astrov. Biul Glav bot. sada no. 43:94-95 '61.

TONGUE—CANCER

Treatment of cancer of the tongue V M. Stepanov Vop. onk 8 no 2 89-100 '62

TONKIN, GULF OF—FISHERIES—RESEARCH

Soviet-Vietnam Scientific Fishery Expedition in the North Vietnam (Tonkin) Gulf. Ryb. khoz 38 no 2, 82 '62.

TONSILS—DISEASES

Incidence of angina among workers of the vacuum industry, and the dispensary treatment of chronic tonsillitis I IA. Izaak Med zhur Uzb. no 12 38-41 D '61.

Pathohistology of the basic argyrophil substance of the tonsils in chronic tonsillitis R. N. Kaiumova. Med. zhur. Uzb no 2:42-45 F '60

Role of therapeutic measures in chronic tonsillitis and anginas in the compound treatment of rheumatic carditis [with summary in English]. L. I. Gefter. Ter ap arkh. no. 9:12-15 '61

Sympathoganglionic symptom in chronic tonsillitis. I. D. Mishenin Zdrav Bel 7 no 6:24-26 Je '61

TONSILS—SURGERY

Causes of relapses in rheumatism in tonsillectomized children [with summary in English] E I. Volkova. Sov med. 25 no. 12:103-107 D '61

Complications following tonsillectomy in children. S. N. Nurguzhaev Zdrav. Kazakh 21 no 5:31-34 '61

Degree of bleeding during tonsillectomy and its comparison with the most widely spread indices of a coagulogram [with summary in English] V. G Ermolaev. Vest. otorin. no 2 42-46 '62

Multiple abscesses of the brain following tonsillectomy M. IA Berdichevskii Vest otorin no. 2:105-106 '62.

Use of xycaine in tonsillectomy [with summary in English] M. I. Vodopianova Vest otorin. no. 4:45-47 '61

TONSILS—TUMORS

Case of epidermoid papilloma of the palatine tonsil. V. B. Lukosheva. Zhur. ush., nos. i gorl bol. 26 no. 6:83 N-D '60.

TOOLS—STORAGE

Toolbox on wheels. V. Zinov'ev. Tekh. v sel'khoz. 22 no. 2:27 F '62.

TOPOLOGY

Analog of T. Vazhevskii's topological principle for integrodifferential equations. V. D. Fedorov. Issl. po int.-diff. uravn v Kir. no 1:111-132 '61

Generalized concept of a spectral operator. V. E. Liantse. Dokl. AN SSSR 142 no 2,278-281 Ja '62

Lefschetz, Solomon. [Differential equations: geometric theory. Translated from the English] Geometricheskaia teoriia differentsial'nykh uravnenii. Pod red. V. V. Nemytskogo, V. M. Nemytskogo i V. M. Alekseeva. Moskva, Izd-vo inostr. lit-ry, 1961. 387 p. (RPB)

Some results concerning perfect measures. V. V. Sazonov. Dokl. AN SSSR 142 no 4 802-803 F '62.

TOPOLOGY—CONGRESSES

International symposium on general topology. P. S. Aleksandrov. Vest. AN SSSR 32 no. 2:76-79 F '62.

TORQUE

Investigating the resilience of a rectangular cross section latticed support for electric power distribution lines under the effect of torque. V. I. Trofimov. Trudy TSNIISK no. 4:44-60 '61.

TORSION

Example of the solution of the problem of elastoplastic torsion by means of the variational method. L. M. Kachanov. Issl. po uprug. i plast. no 1:157-161 '61.

Transcritical deformations of cylindrical shells in torsion A V. Pogorelov. Dokl AN SSSR 142 no 2 302-303 Ja '62.

Ultimate strength of metals subjected to torsion. I. E. Kurov, V. A. Stepanov Fiz. tver. tela 4 no. 1 191-201 Ja '62

TOUCH

Nerve model of a stimulus. Report No. 4. Touch component of an orienting reflex E N Sokolov Dokl. APN 5 no. 2:87-88 '61

Study of optimum methods for checking hypotheses in normal and pathological cases Report No 2 Disturbance of tactile recognition of complex images, experiment on a patient with local disorder of the parietal area O K. Tikhomirov Dokl APN 5 no 5 89-92 '61

TOURISM see subdivision under Cheremenetskoye, Lake, Gorkiy Province; Transcarpathia; Ural Mountain region; White Russia

TOWERS see subdivision under Nev'yansk

TOWERS, PACKED see Packed towers

TOWERS, PLATE see Plate towers

TOWING

Bogdanov, B. V., and M. G. Galkovskaia. [Sectional barge trains for propulsion by pushing] Sektsionnye sostavy dlia vozhdeniia sposobom tolkaniia. Moskva, Izd-vo "Rechnoi transport," 1961. 144 p.

TOXICOLOGY

Amount of prothrombin in the blood and the effect of vitamin K on its level in heliotropic toxicosis. A M Gorshkova. Med zhur Uzb. no. 3:15-18 Mr '60

TOXINS AND ANTITOXINS

Cases of bites by Latrodectus lugubris A I Il'khamov. Med zhur. Uzb. no 3 75 Mr '60

Determination of the optimal antigen dose for active immunization. Report No 1. Determination of the optimal dose of native diphtherial anato in [with summary in English]. P. V Pavlov, A G Leonova Zhur mikrobiol., epid i immun. 32 no 9 8-12 S '61.

Effect of the secretion from the suprascapular glands of toads on the morphological composition of the bone marrow of rats following irradiation not exceeding 300 r. A. I Robu. Zdravookhranenie 4 no 6:37-40 N-D '61

Hematological changes in pneumonia following application of antitoxic liquid in children. T. K. Kadyrova Med zhur. Uzb. no 9:39-41 S '61

Levomycetin treatment of Staphylococcus and Proteus wound infections in rabbits immunized with staphylo-anatoxin [with summary in English] M. Z. Gubaidullina Antibiotiki 6 no 12:1098-1100 D '61

Mechanism of the detoxicating effect of antibiotics. V. N. Derkach. Zdravookhranenie 4 no 6 30-34 N-D '61.

Study of botulin anatoxins Report No. 1. Botulin anatoxin type A [with summary in English] A. A. Vorob'ev and others. Zhur. mikrobiol., epid i immun. 32 no. 9 31-36 S '61.

Use of antitoxic liquid in the treatment of pneumonia in children T K. Kadyrova. Med zhur. Uzb. no. 2:31-34 F '60

TOXOPLASMOSIS

Neuropsychic changes in toxoplasmosis. N. F. Shilo. Zdrav. Bel 7 no. 6:40-44 Ag '61.

TOXOPLASMOSIS—CONGRESSES

Conference on toxoplasmosis. I. Antonov. Zdrav. Bel. 7 no 8:70-71 Ag '61

TOY INDUSTRY

(see also subdivision under White Russia)

In the world of small-scale technology. L. Eidel'is, Semia i shkola 17 no. 1 30-31 Ja '62.

Long is the road from a sample to the market. M. Popkov. Mest. prom. i khud. promys. 3 no 2.34 F '62.

The toys are good, what about the packaging? V Golovanov Mest prom. i khud promys 3 no 1 13 Ja '62

TOYS

Musical toy. E. I. Zotkina. Doshk. vosp. 35 no. 2: 90-91 F '62.

TRACE ELEMENTS

(see also subdivision under Ural Mountain region)

Applying trace element fertilizers to perennial grasses. Ch S. Rakisheva Vest. sel'khoz nauki [Kazakh.] 4 no 12,51-56 D '61.

Cytology of the epithelium of the uterine mucosa in climacteric hemorrhages following administration of trace elements. G. I. Ioffe-Golubchik, V. F. Farkhadi. Med. zhur. Uzb. no. 3:67-69 Mr '60.

Distribution of the available forms of microelements in soils of northeastern Goretskiy District, Mogilev Province. N. IA. Sedlukho. Trudy BSKHA 34:104-108 '61.

Effect of foliar feeding of tomato plants with iodine and cobalt solutions on plant development and trace element accumulation in the fruit. M. V. Terent'eva Dokl. AN BSSR 6 no. 2:127-129 F '62.

TRACE ELEMENTS (Continued)

Fersman Lecture Vest. AN SSSR 32 no 3 105-106 Mr '62

Influence of some trace elements on the quantity and quality of zymosan formation in yeast Report 1 Some chemical indices of zymosan obtained from yeast in a nutrient medium enriched with cobalt, copper, and manganese [with summary in English] Kh Bass-Shadkhan, I. Galina Izv AN Latv SSR no 12 69-74 '61.

Interrelation of certain trace elements with vitamins. A S. Skoropostizhnaia. Vrach delo no 1, 105-107 Ja '62.

[illegible] ed ited N S. Avdonina i N P. Remezova [Moskva] Izd-vo Mosk. univ., 1961. 296 p.

Rare earth elements in accessory minerals of granitoids [with summary in English] V. V Liakhovich Geokhimiia no 1 37-52 '62

Spectrochemical method for group determination of the trace elements Ni, Co, Ag, Cu, V, Sn, Mo, Bi, Pb, and Mn in bottom deposits and analogical materials I T Klimov. Gidrokhim. mat. 34:131-137 '61

Technique for feeding trace elements Vest. sel'khoz. nauki [Kazakh.] 4 no. 11:39-40 N '61

Using nonparametric tests in statistical processing of geochemical data [with summary in English] I. D. Riabchikov. Geokhimiia no 9:807-811 '61

TRACE ELEMENTS—PHYSIOLOGICAL EFFECT

Effect of some trace elements on the metabolism in sheep ill with pneumonia E. F. Dymko Vest sel'khoz. nauki [Kazakh.] 4 no. 11:28-30 N '61

TRACE ELEMENTS IN THE BODY

Base-Sadhane, H. [Significance of microelements in nutrition] Mikroelementu nozime uztura. Riga, Latvijas PSR Zinatnu akad izdevnieciba, 1961 59 p. [In Latvian]

Quantitative amount of some trace elements in bone regenerate at various periods of its formation [with summary in English in insert]. A M Belous. Ortop., travm i protez. no 12 33-39 '61

TRACHEA—FOREIGN BODIES

Prolonged loss of vision and hearing in a child following tracheal obstruction by a foreign body I. T. Batiunin Vest otorin no 4 95-97 '61.

Removal of ballotable foreign bodies in the trachea by means of bronchoscopic forceps with an electrical grip. N. A. Mel'chinskii. Zhur. ush., nos i gorl bol. 20 no. 5:89 N-D '60

TRACHEA—INTUBATION

Tracheal intubation in rendering first and emergency aid. B. P. Zhukov Sov. med. 25 no. 12, 114-117 D '61.

TRACHEA—SURGERY

Plastic surgery on the trachea and bronchi [with summary in English] Jan Nowicki Grud khir no 5: 58-64 '61

Treatment by tracheostomy of patients severely ill with a disorder of the gaseous metabolism K. N. Kalitkin. Med. zhur Uzb. no. 11:64-65 N '61.

TRACHEA—TUBERCULOSIS

Tuberculosis of the trachea and bronchi in children. M. V. Shesterina Probl tub no. 2, 38-42 '62.

TRACHYTE see subdivision under Dusheti region

TRACK ATHLETICS

Planning the sports training for track athletes in the senior categories. L. S. Khomenkov. Teor i prak. fiz. kul't. 24 no. 11:812-822 '61.

TRACK-LAYING VEHICLES—TRANSMISSION DEVICES

Possibility of using electromagnetic powder devices in the transmission systems of crawler tread machinery M. M. Zapriagaev. Trakt i sel'khozmash. 32 no 1 14-18 Ja '62

TRACTOR INDUSTRY see subdivision under Kharkov; Minsk; Volgograd

TRACTOR TRAINS

Lateral stability of a tractor train on a slope. M. N. Zaks. Avt. prom. 28 no. 1:25-28 Ja '62.

Operating self-dumping tractor trains. G. Gavrilov, A. IAkobashvili. Avt. transp. 40 no. 3 21-23 Mr '62.

Outstanding drivers of heavy tractor trains. E. Kozarevskii. Avt. transp. 40 no. 3, 25 Mr '62.

Tractor train for panel transportation. Avt. transp. 40 no. 3:35 Mr '62.

Tractor train for pipe transportation. Avt. transp. 40 no. 3 28 Mr '62.

Tractor trains for the transportation of building components. Avt. transp. 40 no 3:30 Mr '62.

TRACTORS
(see also subdivision under Kharkov)

"Belarus" in India. O. Khrul'kevich. Neva no. 8: 218-219 '61.

Checking of the jets. I. Bondarev. Sel'. mekh. no. 2:29 '62.

Concerning the use of low-powered tractors in animal husbandry V. Pakhomov Tekh. v sel'khoz 22 no. 1 80-82 Ja '62

Cutting and graphitization of the edges of sealing glands A. I. Volin. Trakt. i sel'khozmash 32 no 2 42-43 F '62.

The DT-20M tractor IA. Gilbust Tekh. v sel'khoz 22 no. 2:47 F '62.

The DT-75 tractor V. Gorozhankin Tekh v sel'khoz. 22 no. 1 38-41 Ja '62.

Erokhin, N. G., and others. [Modernized T-28 row-crop tractors] Modernizirovannye propashnye traktory T-28. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961 279 p. (DA)

Kashuba, B. P., and others. [The T-75 tractor; design and operation] Traktor T-75; ustroistvo i ekspluatatsiia. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 335 p.

Lift hook on a tractor for hauling trailers IU I Kocherygin. Trakt. i sel'khozmash 32 no 2 46-47 F '62.

Mechanization of the coupling of a tractor and semitrailer Avt transp. 40 no 3 38 Mr '62.

Moscow. Gosudarstvennyi soiuznyi nauchno-issledovatel'skii traktornyi institut. [Concise outline of the technological characteristics of Soviet tractors] Kratkie tekhnicheskie kharakteristiki sovetskikh traktorov. Moskva, Otdel nauchno-tekhn. informatsii, 1961. 61 p.

Multidimensional pneumatic device for controlling the cylinder liners of SMD engines. Z. L. Tubenshlak, I. M Sokolova. Trakt. i selkhozmash 32 no 3,41-42 Mr '62

Operation of tractors at increased speeds. V. Deparma Tekh. v sel'khoz. 22 no. 1,93 Ja '62.

Operational and dynamic features of the DT-75 tractor L. M. Sorokin. Trakt. i sel'khozmash. 32 no 2,1-4 F '62.

Performance of the track section of tractors and agricultural machinery on rough ground. M. E. Matsepuro, IU. I. Svirshchevskii. Vop. zemledel'. mekh. 7:172-236 '61.

Possibilities for increasing the productivity of tractor and trucks on collective farms. S. V. Kochetkov. Dokl. i soob VNIESKH no. 11:61-71 '61

Problem of the types of low-crop tractors for cotton growing M. S. Pak. Sbor nauch.-issl. rab. UzNIIME no 1 191-213 '59.

Scientific research and experimental work should be widely used in the development of new tractors S. I. Akopian Trakt. i selkhozmash. 32 no. 3:1-3 Mr '62.

Shaking of tractors caused by rough roads. V. G. Chernikov. Sbor nauch.-issl. rab. UzNIIME no. 1:214-235 '59.

Special features of the starting operation of a tractor diesel engine P M Krivenko, A P Mironov Trakt. i sel'khozmash 32 no. 1 3-5 Ja '62

Study of the friction clutch of the drive of an electric starter B. N. Cherlok. Trakt. i sel'khozmash 32 no. 1 11-14 Ja '62

The T-40 tractor. A. Plisov. Tekh. v sel'khoz. 22 no. 2:40-47 F '62.

T-40 tractor N. Petrov. Sel'. mekh. no. 2 43-44 '62.

There will be a giant tractor. V. Bormusov. Komsom. zhizn' no. 3:5 F '62.

Tolerable approach of a tractor supporting frame to the rows of cotton plants. E. F. Dvortsov. Sbor nauch.-issl. rab. UzNIIME no. 1:110-124 '59

Transportation in agriculture. A. P. Zhilin. Vop. zemledel'. mekh. 7:237-282 '61.

Universal T-40 tractor. IU. F. Malyshev Trakt. i sel'khozmash 32 no 3 7-10 Mr '62.

Use of plastics in the Volgograd Tractor Factory. M. K. Slintkes. Trakt. i selkhozmash 32 no. 3:37-39 Mr '62.

Use of the T-75 tractor. S. Belous. Sel'. mekh. no. 2: 34-37 '62.

Wages for operators working on T-75 tractors. N. Makurin Sel' mekh. no. 2:25-27 '62.

TRACTORS—COLD WEATHER OPERATION

Concerning the performance of tractor engines in the winter. IA. I. Kuvshinov. Trakt. i sel'khozmash. 32 no. 2:7-9 F '62.

Meeting on the use of tractors in the winter. A. Tugin. Tekh. v sel'khoz 22 no. 1:58-61 Ja '62.

Winter operation of tractors. N. Pasechnikov, I. Belgov, IU. Kopylov. Sel'. mekh. no 2 41 '62.

TRACTORS—DESIGN AND CONSTRUCTION
(see also subdivision under Chelyabinsk)

Diesel electric tractors are rolling... A. Smirniagina. Tekh. mol. 30 no. 1:20-21 '62.

TRACTORS—ENGINES

Effect of the gap on the hydraulic tightness of plunger pairs. D. F. Gurevich. Trakt. i sel'khozmash. 32 no. 1,5-8 Ja '62.

Flattening out of the bushings of the upper connecting rod heads of tractor engines. I. Pogorelyi, A. Klimenko. Tekh. v sel'khoz. 22 no. 1:70 Ja '62.

Selection of the parameters of cyclones for tractor air filters. V. E. Maev. Trakt. i sel'khozmash. 32 no. 1: 8-11 Ja '62.

Use of radioactive isotopes in studying the [illegible] ance of crank shafts M. M. Krasnoshchekov, Pakhomov, P. A. Markovskii Trakt. i [illegible] 32 no 2:16-18 F '62

TRACTORS—EQUIPMENT AND SUPPLIES

Specialized manufacture of oil wrenches F. M. Kerdman. Trakt. i sel'khozmash [illegible] F '62.

Testing of the efficiency of oil pumps [illegible] makina Tekh. v sel'khoz. 22 no [illegible]

Tractor mounted electric power plant [illegible] Tekh. v sel'khoz. 22 no. 2:80-81 [illegible]

Use of plastics in the restoration of bearing [illegible] banov, V Telegin Tekh. v sel'khoz [illegible] '62

TRACTORS—EXHIBITIONS

Tractors exhibited at the Third International [illegible] Machinery Industry in Brno [illegible] sel'khozmash 32 no 3:42-46 Mr '62

TRACTORS—FUEL SYSTEMS

Expediency of changing the form of the cut-off [illegible] the sleeve of a fuel pump M. N. Bakharev, [illegible] kov, N. I. Koretskii Trakt. i selkhozmash [illegible] 14-15 Mr '62

New method for determining the tightness of [illegible] pairs. A. F. Bashkatov, R. M. Bashkirov, [illegible] Trakt. i sel'khozmash. 32 no. 2:9-11 [illegible]

TRACTORS—HYDRAULIC EQUIPMENT

Zholkevich, T. S. [How to use the hydraulic [illegible] tractors] Kak pol'zovat'sia gidravlicheskimi [illegible] [Moskva] Mosk. rabochii, 1961. 19 p. (Sovet u domu mekhanizatora)

TRACTORS—LUBRICATION

Oil system of the T-38 tractor. P. Vinogr[illegible] no. 12:32-35 '61.

TRACTORS—MAINTENANCE AND REPAIR

Device for checking the clearance of jet nozzles [illegible] zhenik. Tekh. v sel'khoz 22 no. 1 [illegible] Ja '62.

Device for disassembling and assembling [illegible] centrifuge. Kh. Gainanov. Tekh. v sel'khoz. 22 no. 2:88-89 Ja '62.

Device for straightening disc. O. Novanil[illegible] sel'khoz. 22 no. 2:88 F '62.

Morshin, A. V. [How to determine tractor [illegible] out dismantling] Kak opredelit' neispravnost' [illegible] bez razborki. [Moskva] Mosk. rabochii, [illegible] (Sovety motolomu mekhanizatoru)

Repair of automobile and tractor test equipment [illegible] B. Tret'iakov, S. Panchenko. Tekh. v sel'kh no. 2:70-73 F '62.

Repair of steering studs and levers. [illegible] v sel'khoz. 32 no. 2:91 F '62

Repair of the fitting openings of the tractor [illegible] S-80 and S-100 tractors. L. Lhudov [illegible] 22 no. 2:67-70 F '62.

Repair of the frame of the DT-54 tractor [illegible] Tekh. v sel'khoz. 22 no. 1 87-88 Ja '62

Repairing parts by built-up welding. I. [illegible] Sel'. mekh. no. 12:15 '61.

Restoration of the parts of the drive mech[illegible] tractor. V Skripel'. Tekh. v sel'khoz [illegible] '62.

Secondary technical maintenance (conclusion) [illegible] lov, A. Morshin. Sel'. mekh. no. 12:20 [illegible]

Tractor trailed forks. A. Razzhivnikh. Tekh. [illegible] 22 no. 2:91 F '62.

Wages for unnecessary and faulty repairs [illegible] Antropov and others. Sel'. mekh. no [illegible]

TRACTORS—MODELS

Models of the "Belarus" tractor. G. I. [illegible] mekh. no. 12:23-24 '61.

TRACTORS—STEERING GEAR

Method for changing the interlinked steering [illegible] the DT-54 tractor. M. Lapitskii, L. Kh[illegible] sel'khoz. 22 no. 1:71-73 Ja '62.

TRACTORS—TESTING

Errors in the analysis of the effect of the [illegible] traction efficiency of a tractor. V. I. [illegible] selkhozmash. 32 no. 3:16-17 Mr '62.

Loading of tractors by towing in traction trains. Zhdanovskii. Trakt. i selkhozmash. 32 [illegible] '62.

Measuring equipment for experimental studies [illegible] Goriski, N. A. Chernomorets. Vop. zemledel'. [illegible] 6 249-267 '61.

Methods for testing tractors should be improved [illegible] Kolobov. Mekh. i elek. sots. sel'khoz. 20 [illegible] '62.

Mobile laboratory of the Automobile and Tractor [illegible] fic Research Institute. D. M. Rappoport. Sel'skokhoz. Trakt. i selkhozmash. 32 no. 3:20-24 Mr '62

New devices and methods for testing tractors A. [illegible] Vasil'ev, D. M. Rappoport. Mekh. i elek. sots. sel'khoz. 20 no. 1:47-51 '62

TRACTORS—TRAILERS

Standard specifications for connecting agricultural trailers to tractors with a 0.6-1.4 ton rating IU. I. Kocherygin Trakt. i sel'khozmash 32 no 3,27-28 Mr '62

TRACTORS—TRANSMISSION DEVICES

Computing on the electronic calculating machine the dynamic loads in the transmission of wheel tractors during starting D I Gromov. Dokl AN BSSR 6 no 1,31-34 Ja '62

Experimental determination of the reduced moment of inertia of the transmission system of a tractor. V P Zabletskii, E P Rapota Trakt i sel'khozmash 32 no 1 18-19 Ja '62.

Improvement of the transmission boxes of S-80 and S-100 tractors M. Zlotnik Tekh. v sel'khoz 22 no 1 73-75 Ja '62

Lebedev, S. P. [Electric transmissions in self-propelled vehicles] Elektroperedachi v samokhodnykh mashinakh. Moskva, Mashgiz, 1961. 223 p.

System for doubling the number of gear ratios in tractors. I. Kolomiitsev. Tekh v sel'khoz. 22 no 1 41-42 Ja '62.

TRADE ROUTES see subdivision under Badakhshan

TRADE UNIONS

(see also subdivision under China, Cuba; Iraq; Lebanon; Moscow Province, Tanganyika; Ukraine, White Russia)

Alekseev, G. P., E. A. Ivanov, and N. M. Panchenko. [Soviet trade unions and their status and role in a socialist society] Sovetskie profsoiuzy, ikh polozhenie i rol' v sotsialisticheskom obshchestve. [Moskva] Izd-vo VTsSPS Profizdat, 1961. 57 p.

Development of communism is the work of the people. Okhr. truda i sots. strakh. 5 no. 1:1-3 Ja '62.

Everything is the workers committee's business. P. Semenov. Sov. profsoiuzy 18 no. 1:18-20 Ja '62

Expand the participation of the masses in industrial management. V. Prokhorov. Sov. profsoiuzy 18 no. 1: 6-8 Ja '62.

For the elimination of colonialism. Ibrahim Zakaria. Vsem. prof. dvizh. no. 1:45-50 Ja '62.

Important discussion; notes taken at the plant trade-union conference S. Naumov. Sov. profsoiuzy 18 no 1: 24-25 Ja '62.

In the All-Union Central Council of Trade Unions. Okhr. truda i sots. strakh. 5 no. 1:39 Ja '62

In the Collegium of the Ministry of Finance of the U.S.S.R. and the Presidium of the Central Committee of the Government Workers Trade Union. Fin. SSSR 23 no. 1:93-95 Ja '62

In the trade-union councils. Okhr. truda i sots. strakh. 5 no. 2:16 F '62.

Lenin's role in the organization of trade unions in Russia. D. S. Bel'for. Pratsi Od. un. 150. Ser. susp. nauk no. 3:76-91 '60.

Let's increase the role of public workers in the administration of social security. Okhr. truda i sots. strakh 5 no 2,1-3 F '62.

Main trend in the work of trade-union organizations. N. Tur. Mias. ind SSSR 32 no. 6 5-6 '61.

Much is given, much is required. A. Podnebesov. Sov. profsoiuzy 18 no 1:16-18 Ja '62.

New legislative enactments. Sov. just. no. 4:31 F '62.

Pimenov, P. T., and V. A. Korol'kov. [International trade-union movement] Voprosy mezhdunarodnogo profdvizheniia. [Moskva] Izd-vo VTsSPS Profizdat, 1961. 80 p.

Plenum of the Central Committee of the Government Workers Trade Union. Fin. SSSR. 23 no 1:94-95 Ja '62.

Pondering over the problems promoted by life. V. Godovkin. Sov. profsoiuzy 18 no. 1:9-11 Ja '62.

Rights of factory and plant trade-union committees. Sov. profsoiuzy 18 no. 1:16-17 Ja '62.

Trade Union topics. N. Dorogov and others. Mest. prom. i khud. promys. 3 no. 1:19 Ja '62

V. I. Lenin on the objectives of trade unions during the building of communism. A. P. Ivanov. Pratsi Od. un. 150. Ser. susp. nauk no. 3:92-102 '60.

Voice of 143 millions. Klub 11 no. 1:2 Ja '62.

World Federation of Trade Unions and the tasks of the trade-union movement. Louis Saillant. Vsem. prof. dvizh. no. 1:17-14 Ja '26.

TRADE UNIONS—BIBLIOGRAPHY see Bibliography—Trade unions

TRADE UNIONS—CONGRESSES

For peace, unity, and social progress. Okhr. truda i sots. strakh. 5 no. 2:4-6 F '62.

For the solidarity, unity, and fraternity of workers of all countries! N. S. Khrushchev. Vsem. prof. dvizh. no. 1:7-16 Ja '62

Get to work, toward new achievements! Mest. prom. i khud. promys 3 no 1 1 Ja '62.

If the workers of the whole world,.. Sov. profsoiuzy 18 no. 1:2-5 Ja '62.

March all together toward new victories! Renato Bitossi. Vsem. prof. dvizh. no. 1:58-60 Ja '62.

Preparing to welcome the Congress of Trade Unions Mest. prom. i khud promys. 3 no 2, 1-3 F '62

Results of the Fifth Congress of Trade Unions. Vsem. prof dvizh. no 1:1-2 Ja '62

Soviet workers welcome the workers of the entire world. V. V. Grishin. Vsem. prof. dvizh no 1:4-6 Ja '62.

Unity among workers. Okhr. truda i sots. strakh. 5 no. 1:4-5 Ja '62.

We employ all our efforts for achieving unity. A. Novella. Vsem. prof dvizh. no 1,3-4 Ja '62.

TRADE UNIONS—HANDBOOKS, MANUALS, ETC. see subdivision under Communist Countries

TRADE WINDS see subdivision under Atlantic Ocean

TRAFFIC ACCIDENTS

This is the way traffic accidents occur. L. Kapterev. Starsh. serzh. no 11 30 O[i e N] '61

TRAFFIC ENGINEERING see subdivision under Kharkov

TRAFFIC REGULATIONS

(see also subdivision under Kyzyl)

Automobile and streetcar at a crossing. G. Solovyev. Za rul. 20 no. 1 23-24 Ja '62

TRAFFIC SAFETY see subdivision under Leningrad; Moscow

TRAFFIC VIOLATIONS

Let's intensify our struggle against traffic violations. IU. Pushkin Sov. just no 3:17-18 F '62.

TRAGIC, THE

Shokhin, K. V. [On the tragic hero and the comic] O tragicheskom geroe i komicheskom personazhe. Moskva, Gos. Izd-vo "Iskusstvo," 1961. 54 p

TRAINING OF EMPLOYEES see Employees, Training of

TRAJECTORIES

Curvatures of a four-dimensional trajectory. L. Berezina. Izv. AN Latv. SSR no 12 25-28 '61.

Separatrices of plane dynamic systems. J. Majorczyk. Dokl. AN SSSR 140 no. 5, 1008-1010 O '61.

TRANS-ILI ALA-TAU—ORE DEPOSITS

Alteration of rocks in the Chinasylsay deposit. A. E. Shlygin Sbor nauch. trud. KazGMI no 10:288-294 '59

TRANS-ILI ALA-TAU—WINDS

Mountain-valley circulation in the piedmont zone. N. F Gel'mgolts Trudy KazNIGMI no. 14 13-118 '61.

TRANSAMINASES

Effect of cycloserine on the transaminase activity of the blood serum in tuberculosis [with summary in English]. V. V. Utkin. Terap. arkh no 7:73-79 '61

Importance of determining transaminase in patients with chronic acute and coronary insufficiency [with summary in English]. S. Kh Sidorovich, I. N. Zaludina. Terap arkh. no 9:35-39 '61

TRANSBAIKALIA—CRANIOLOGY

Nomads in Transbaikalia during the 9th-13th century according to paleoanthropological data N N. Mamonova Trudy Inst. etn. 71:207-241 '61.

TRANSBAIKALIA—CRYOPEDOLOGY

Establishing cryopedological zones in southeastern Transbaikalia. E. A. Vtiurina. Trudy Inst. merzl. AN SSSR 17:5-18 '61.

TRANSBAIKALIA—EPIDOTE CRYSTALS

Inclusions of mineral-forming solutions in epidotes [with summary in English on p. 493]. I. I. Miaz', L. I Koltun. Min. sbor. no. 14:325-327 '60

TRANSBAIKALIA—FLUORITE

Some characteristics of fluorite distribution in western Transbaikalia. V. N. Gusel'nikov. Izv. vys. ucheb. zav., geol. i razv 4 no. 11:82-94 N '61.

TRANSBAIKALIA—FOLKLORE

Programs in folklore and language. M. P. Khomonov. Kraeved. sbor. no. 6:148-151 '61.

TRANSBAIKALIA—GEOLOGY

Permian sediments in the Shilka Valley (western Transbaikalia). IU. F. Misnik. Izv. vys. ucheb. zav., geol. i razv. 5 no. 1:31-37 Ja '62.

TRANSBAIKALIA—GEOLOGY, STRUCTURAL

Tectonic boudinage in the localization of ores in the Yavlenskoye deposit (eastern Transbaikalia). N. A. Chitaeva. Izv. vys. ucheb. zav. ;geol. i razv. 4 no. 11, 73-81 N '61.

TRANSBAIKALIA—HISTORY

"Studying the revolutionary, and work traditions of Transbaikalia" by V. Poliakov Reviewed by G F Semeniuk Prep. ist v shkole 17 no 2 100-101 Mr-Ap '62

TRANSBAIKALIA—NAMES, GEOGRAPHICAL

Notes on the toponymy of Transbaikalia. P. B. Baldanzhapov. Ein. sbor. no. 1:89-95 '60

TRANSBAIKALIA—ORE DEPOSITS

Characteristics of the localization of ore bodies in the Savinskoye No 5 deposit (eastern Transbaikalia). B. P. Sanin Izv vys ucheb zav ,geol i razv 1 no 11 61-67 N '61

Some regularities in the relief development of mountainous regions and the formation of secondary dispersion halos. E. M. Kviatkovskii. Zap LGI 39 no 2:124-128 '61.

Tectonic boudinage in the localization of ores in the Yavlenskoye deposit (eastern Transbaikalia) N. A. Chitaeva Izv vys ucheb. zav ,geol i razv 4 no 11 73-81 N '61

TRANSBAIKALIA—QUARTZ

Possible source of quartz in vein deposits. A. G. Akinshina. Izv vys ucheb zav ,geol i razv 1 no 12:19-21 D '61

TRANSBAIKALIA—ROCKS, IGNEOUS

Angashanskiy massif of basic and ultrabasic rocks in eastern Transbaikalia N. A. Shcherbakova. Izv vys ucheb zav. ,geol. i razv 4 no 11 37 53 N '61

TRANSBAIKALIA—STREAM MEASUREMENTS

Calculation of runoff with its daily variations during the spring snow melt in Transbaikalian rivers I A. Polonskii Sbor rab po gidrol no 2 5-15 '61

TRANSBAIKALIA—TIN ORES

Method of metallometric surveying in prospecting for tin deposits. E. M. Kviatkovskii, I. N. Kritsuk. Zap LGI 39 no 2,129-135 '61.

TRANSCARPATHIA—CARPATHITE

Luminescence analysis of Transcarpathian carpathite and curtisite [with summary in English on p. 496] I IA. Elsner. Min. sbor no 14, 368-371 '60

TRANSCARPATHIA—CERUSSITE

Cerussites in Transcarpathia [with summary in English on p 492]. E K. Lazarenko, O. M Matkovskii Min sbor. no. 14, 304-324 '60.

TRANSCARPATHIA—CURTISITE

Luminescence analysis of Transcarpathian carpathite and curtisite [with summary in English on p 496] I. IA Elsner. Min. sbor. no 14; 368-371 '60

TRANSCARPATHIA—GOLD

Transcarpathian gold. Mykola Shudrias. Ukraina no. 3 3-4 F '62.

TRANSCARPATHIA—HANDBOOKS, MANUALS, ETC.

[Soviet Transcarpathia; handbook] Sovetskoe Zakarpat'e; spravochnik Uzhgorod, Zakarpatskoe oblastnoe knizhnoe-gazetnoe izd-vo, 1961 223 p.

TRANSCARPATHIA—HISTORY

How Transcarpathian workers struggled for the Hungarian Soviet Republic in 1919. B. I. Spivak Ukr. ist zhur. 6 no. 3;107-110 Mr-Ap '62.

"National liberation struggle in Transcarpathia in 1929-1937" by IU. IU. Slyvka Reviewed by I M Hranchak, S. P Prunytsia, Ukr ist. zhur 6 no. 1 125-127 Ja-F '62

TRANSCARPATHIA—HYDROROMEITE

Hydroromeite from Transcarpathia [with summary in English on p. 491]. IA. L. Giller, B. V Merlich, S M. Spitkovskaia. Min. sbor. no. 14:285-296 '60.

TRANSCARPATHIA—MEALY BUGS

A new species of mealy bugs of the genus Brevennia Goux (Coccoidea, Pseudococcidae) [with summary in English]. IE M Terezynykova. Dop. AN URSR no. 1:122-124 '62

TRANSCARPATHIA—POTATO BEETLE

Summer diapause and second hibernation of the Colorado beetle (Leptinotarsa decemlineata Say) in Transcarpathia, R. S. Ushatinskaia. Dokl. AN SSSR 140 no. 5: 1189-1191 O '61.

TRANSCARPATHIA—REAL PROPERTY SURVEYS

Graphic cadastral documents (exemplified by the cadastre of the former Austro-Hungary). I. F. Polunin. Trudy MIIZ no. 8:183-188 '59.

TRANSCARPATHIA—TOURISM

Tisza River murmurs here. M. Aleksandrov. Ogonek 40 no. 7;28-29 F '62.

TRANSCARPATHIA—UKRAINIAN POETRY

Ukrainian poetry of Transcarpathia during the 17th and 18th centuries. O V. Myshanych Rad lit. 6 no 2.62-71 Mr-Ap '62

TRANSCAUCASIA—HIGHWAY TRANSPORT WORKERS

On the road of friendship. A. Radzhabli. Avt. transp. 40 no. 3.62 Mr '62.

TRANSCAUCASIA—HISTORICAL GEOGRAPHY—MAPS

A recently found map presented to Peter I by Israel Ori [in Armenian with summary in Russian] V. K. Voskanian. Ist.-filol zhur. no 3/4;297-305 '61

TRANSCAUCASIA—MOTHS
Two new moth species of the genus Lithocolletis Z. (Lepidoptera, Lithocolletidae) occurring as pests of arboraceous species in the Caucasus. V. I. Kuznetsov. Dokl. AN Arm. SSR 33 no. 5 227-230 '61.

TRANSDUCERS
Design of electric contact transducers used in machinery manufacture. N. N. Malyov, B. M. Kuperman. Stan. i instr. 33 no. 3,34-36 Mr '62.
Design of error compensating networks for Hall transducers. S. G. Tarianov. Sbor. trud. Inst. elektrotekh. AN URSR no. 18:38-44 '61.
Developing a unified system of transducers. V. L. Kanigsberg, A. IA. IUrovskii. Priborostroenie no. 2:3-5 F '62.
Injector transducer for air or gas lift wells. A. P. Gasanov. Azerb. neft. khoz. 40 no. 8 46-47 Ag '61.
New transducers in coal preparation shops. G. IA. Chalyi. Koks i khim. no. 12 18-22 '61.
Pneumatic compensation transducer with an isodromic amplifier. M. L. Podgoetskii. Priborostroenie no. 2, 5-6 F '62.
Regulating the rated inductance of transducers. B. E. Kostich. Izm. tekh. no. 3:9 Mr '62.
Simplified level transducer. V. Lomakin, V. Mazurenko. Tekh. v sel'khoz. 22 no. 1 36-37 Ja '62.
Studying certain parameters of the bit penetration process in percussion drilling. S. G. Kuloshin, V. A. TSitokhtsaev. Izv. AN Kazakh. SSR. Ser. gor. dela no. 2: 65-73 '61.

TRANSDUCTORS see Magnetic amplifiers

TRANSFORMATIONS (MATHEMATICS)
General theory of the multiplication of random variables. V. M. Zolotarev. Dokl. AN SSSR 142 no. 4 788-791 F '62.
Integral transformations with kernels representing generalized hypergeometric functions and generalized Volterra functions. S. A. Akopian. Izv. AN Arm. SSR Ser. fiz.-mat. nauk 15 no. 1,13-36 '62.
Semigroups of one-to-one transformations. E. G. Shutov. Dokl. AN SSSR 140 no. 5:1026-1028 O '61.

TRANSFORMERS, ELECTRIC see Electric transformers

TRANSIENTS (DYNAMICS)
Evaluating the quality of transient conditions in main marine diesel engines with an all-conditions governor. A. Koz'minykh. Mor. flot 22 no. 3 26-28 Mr '62

TRANSISTOR AMPLIFIERS
Analysis and design of a tuned amplifier with frequency dependent feedback. E. B. Grihov. Elektrosviaz' 16 no. 2 17-25 F '62.
Analysis of a cascade tuned common emitter and common base transistor amplifier. IU. G. Krinkov, IU. L. Simonov. Elektrosviaz' 16 no. 1 40-44 Ja '62.

TRANSISTOR CIRCUITS
Calculation of shunts and additional resistances for a series and parallel connection of transistor diodes. I. P. Stepanenko. Radiotekhnika 17 no. 2,56-63 F '62.
Transistor circuit as a converter of weak d. c. to a. c. N. S. Nikolaenko, V. P. Fedotov. Izv. vys. ucheb. zav.; prib. 5 no. 1:16-28 '62.

TRANSISTOR OSCILLATORS see Oscillators, Transistor

TRANSISTORS
Calculation of choke ferrite-diode elements with a split winding in the coupling loop. M. A. Levchenko, V. Y. Konozenko. Zbir. prats' z obchys. mat. i tekh. 3: 52-58 '61.
Capacitance of a planar diode with a space charge and Maxwell distribution of initial electron velocities. S. V. Bellustin, Z. I. Isliamov. Radiotekh. i elektron. 7 no. 3 499-508 Mr '62.
Chudnovskii, A. F., and B. M. Shlimovich. [Transistorized devices in agriculture] Poluprovodnikovye pribory v sel'skom khoziaistve. Leningrad, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 197 p.
Experimental study of the switching operation in two-electrode p-n-p-n transistor devices with negative resistance. M. A. Berg, S. A. Gariainov. Radiotekhnika 17 no. 1:51-58 Ja '62.
Kinetics of the photoconductivity of n-type Au doped Ge. V. G. Alekseeva, F. IA. Nad'. Radiotekh. i elektron. 7 no. 3:542-546 Mr '62.
Shalimova, K. V., ed. [Specialized guide to semiconductors and semiconductor devices] Spetsial'nyi prakticum po poluprovodnikam i poluprovodnikovym priboram. Moskva, Gos. energ. izd-vo, 1962. 303 p.
Sominskii, M. S. [Semiconductors] Poluprovodniki. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 414 p.
Tunnel effect with scattering by the impurities. P. S. Serebrennikov. Radiotekh. i elektron. 7 no. 3:536-541 Mr '62.

TRANSISTORS—TESTING
TSentral'naia stantsiia iunykh tekhnikov, Moscow. [A simple transistor tester] Prostoi tester dlia proverki tranzistorov. [Moskva] Izd-vo "Detskii mir," 1962. 1 fold. l. (Prilozhenie k zhurnalu "Iunyi tekhnik," no. 4(118))

TRANSIT CIRCLE—TESTING
Origin of $\Delta\alpha_\alpha$ errors [with summary in English]. G. P. Pil'nik. Astron. zhur. 39 no. 1:135-145 Ja-F '62.

TRANSITION METALS
Chemical properties and methods of analyzing borides of the transition and rare-earth metals. L. N. Kugai. Biul. Inst. metaloker. i spets. splav. AN URSR no. 6:45-51 '61.
Magnetic scattering of slow neutrons in dilute alloys of a transition metal with a base metal. IU. A. Iziumov. Fiz. tver. tela 4 no. 1:225-230 Ja '62.

TRANSITION METALS—MAGNETIC PROPERTIES
Effective magnetic moment of an atom of a transition metal in its dilute alloy with a base metal. IU. A. Iziumov, L. M. Noskova. Fiz. tver. tela 4 no. 1:217-224 Ja '62.

TRANSLATING MACHINES
Algorithm for converting the recording of the bracket form of formulas to Lukashevych's bracketless form. K. L. IUshchenko, O. I. Kostiuchenko. Zbir. prats' obchys. mat. i tekh. 3:84-89 '61.
Algorithms of the formal check of bracket and bracketless forms of recording formulas with single and two-place operations. K. L. IUshchenko, O. I. Mikhailova. Zbir. prats' z obchys. mat. i tekh. 3:90-93 '61.
Concerning a certain method for recognizing printed symbols. IU. T. Mytulina'kyi, L. S. Lozyns'kyi. Zbir. prats' obchys. mat. i tekh. 3:45-51 '61.

TRANSLATORS
A dedicated atheist. M. Romanika. Volov. ateist no. 2: 29-31 F '62.

TRANSPLANTATION OF ORGANS, TISSUES, ETC.
Degenerated heterotransplant as material for plastic surgery of defects of the peripheral nerves. A. Kh. Makhmudov. Med. zhur. Uzb. no. 6:36-38 Je '60.
Free transplantation of the heart muscle in dogs in an experiment [with summary in English]. N. P. Sinitsyn. Arkh. anat. gist. embr. 40 no. 6:41-45 Je '61.

TRANSPLANTATION OF SKIN see Skin—Transplantation

TRANSPORT OF SICK AND WOUNDED
Use of the patrol boat 1(PS-1) for medical evacuation. F. T. Smovzh. Voen.-med. zhur. no. 6:05 Ag '61

TRANSPORTATION
(see also subdivision under Alaska; Canada; Latvia)
Panferov, V. I. [Local transportation networks and conditions of their formation] Mestnaia set' putei soobshcheniia i usloviia ee formirovaniia. Moskva, Izd-vo Akad. nauk SSSR, 1961. 131 p. (Problemy razvitiia edinoi transportnoi seti SSSR)

TRANSPORTATION—CONGRESSES
Vsesoiuznoe soveshchanie po transportnomu stroitel'stvu, Moscow, 1959. [Papers of the All-Union Conference on Construction for the Transportation Industry] Sbornik trudov. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 517 p.

TRANSPORTATION—EQUIPMENT AND SUPPLIES
(see also subdivision under Siberia)
Means of transportation of Soviet Antarctic Expeditions. IU. Arshenevskii. Mor. flot 22 no. 3 42-45 Mr '62.

TRANSPORTATION, AUTOMOTIVE
(see also subdivision under East Kazakhstan Province; Kostroma; Ukraine)
Akademiia nauk SSSR, Institut kompleksnykh transportnykh problem. [Scope of the use of railroads and motor vehicles for short-distance freight haulage] Sfery primeneniia zheleznodorozhnogo i avtomobil'nogo transporta pri perevozke gruzov na korotkie rasstoianiia. Moskva, Izd-vo Akad. nauk SSSR, 1961. 197 p.
Automotive transportation units and the trust. D. Osherov. Avt. transp. 40 no. 2:53 F '62.
Best suggestions on minor mechanization. S. Zatravkin. Avt. transp. 40 no. 2:54-55 F '62.
Birulia, A. K., N. IA. Govorushchenko, and D. V. Ermakovich. [Highways and their use] Ekspluatatsionnye kachestva avtomobil'nykh dorog. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shossejnykh dorog RSFSR, 1961. 133 p.
An honorable title has been conferred on the collective. G. Koriaushkin. Avt. dor. 25 no. 1:11-12 Ja '62.
Norms for transportation operations. I. Zhuravlev. Sel'. mekh. no. 12:16-17 '61.
Present state and objectives of the mechanization of conveying and storing operations. A. B. Drannikov, K. V. Kozlov. Avt. prom. 28 no. 2,1-5 F '62.
Requirements of life. I. Verkhovskii. Avt. transp. 40 no. 3:4-7 Mr '62.
Requirements of consolidated automotive transportation units. V. Vladislavskii, M. Ovcharenko, A. Starodumova. Avt. transp. 40 no. 2,53 F '62.
Romanenko, I. A. [Technical and economic bases for location of highway systems] Tekhniko-ekonomicheskoe obosnovanie razmeshchenila seti avtomobil'nykh dorog. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shossejnykh dorog RSFSR, 1961. 146 p.
Scientific conference on interurban haul[illegible] sandrov. Avt. transp. 40 no. 7:61 Mr '62.

TRANSPORTATION, AUTOMOTIVE—EQUIPMENT AND SUPPLIES
Determining economic effectiveness on the [illegible] of new equipment. N. Bilibina. Avt. transp. [illegible] 33-36 F '62.

TRANSPORTATION, AUTOMOTIVE—FINANCE
Business accounting is an important factor [illegible] the productivity of an automobile depot. [illegible] chuk. Uchet i fin. v kolkhoz. i sovkho[illegible] F '62.
Increase the effectiveness of capital investments. A. Nikolaev. Avt. transp. 40 no. 2,4 [illegible]

TRANSPORTATION, AUTOMOTIVE—LAWS AND REGULATIONS
Legal bases for the organization of transportation[illegible] tions. M. Aleksandrov-Dol'nik. Avt. transp. [illegible] 15-17 F '62.

TRANSPORTATION, AUTOMOTIVE—[illegible] INNOVATIONS see subdivision under [illegible] Province

TRANSPORTATION, MILITARY
Armored carriers. V. Medvedkov. Voen. [illegible] no. 1 23-24 Ja '62.

TRANSPORTER BRIDGES
Kinematic systems of transport and dumping [illegible] P. N. Gudkov. Ugol' Ukr. 6 no. 1,26 '61. Ja

TRAUMATOLOGY—CONGRESSES
Results of the First Turkmen Traumatolo[illegible] ence. I. F. Berezin. Zdrav. Turk. 5 no. [illegible] '61.

TRAVELLING-WAVE TUBES
Effect of the phase velocity gradient on the [illegible] of a backward-wave tube. G. N. Rapoport, [illegible] chuk. Radiotekh. i elektron. 7 no. 1 [illegible]
Efficiency of a backward-wave oscillator with [illegible] phase velocity of the wave along the delay [illegible] Rapoport. Radiotekh. i elektron. 7 no. 1 [illegible] '62.
Electron beam in a helix with an inhomogeneous [illegible] V. P. Shestopalov, V. A. Silnarnikii, B. V. [illegible] Radiotekh. i elektron. 7 no. 3 475 481 Mr '62.
Troshanov, N. A. [Radio equipment using [illegible] tubes] Radioapparatura na lampakh begushchei [illegible] Leningrad, Gos. soiuznoe izd-vo sudostroit. [illegible] 1961. 218 p.

TRAVERSES (SURVEYING)
Using the quadrangle method for develop[illegible] neta. N. N. Orel. Trudy KNIIT no. 41 [illegible]

TRAWLS AND TRAWLING
(see also subdivision under Barents Sea; [illegible] Reservoir)
Apparatus for determining the angle of [illegible] fishing gear parts. G. E. Bidenko. [illegible] no. 7:161-164 '61.
Controllable pitch propellers on the "Kor[illegible] seagoing fishing trawlers. V. Karpovich. [illegible] 22 no. 3 28-31 Mr '62.
Effect of longitudinal rolling of the trawler [illegible] of the trawl warp. A. I. Karapurov. [illegible] no. 2:34-36 '62.
Estimates of fish resources based on ratio[illegible] fluctuations of the trawl. V. N. Chenti[illegible] 38 no. 2:42-46 '62.

TREE BREEDING
Leaves and pollen of hybrid trees. A. V. Al[illegible] Sbor. nauch.-issl. inst. po zashch. lesov[illegible] '60.

TREES see subdivision under Bukovina, [illegible] Ethiopia

TREES—DISEASES AND PESTS
Two new moth species of the genus [illegible] pidoptera, Lithocolletidae) occurring [illegible] boraceous species in the Caucasus. V. I. [illegible] Dokl. AN Arm. SSR 33 no. 5:227-230 '61.

TREES, FOSSIL see subdivision under [illegible]

TREMATODA
(see also subdivision under Ukraine, [illegible])
Developmental cycles of the Trematoda of [illegible] lidae Travassos, 1920 [with summary in [illegible] M. M. Belopol'skaia. Vest. LGU [illegible]
Feeding of monogenetic trematodes. A. V. [illegible] Dokl. AN SSSR 142 no. 5:1212-1215 F '62.
Morphology and development of the eggs of [illegible] plostomum cuticola (Nordmann, 1832) [illegible] causative agent of the black-spot disease [illegible] V. L. Vladimirov. Dokl. AN SSSR 140 no. 5 [illegible] O '61.
Skriabin, K. I. [Trematodes of animals and [illegible] ciples of the study of Trematodes] Trematody zhivotnykh i cheloveka; osnovy [illegible] matody zhivotnykh i cheloveka; osnovy trematodologii. Izd-vo Akad. nauk SSSR, Vol. 19, 1961. 471 p.

TREMATODA (Continued)
Taxonomy of trematodes of the genus Azygia found in fishes of the U. S. S. R. [with summary in English] M. G. Petrushevskaia Vest LGU 17 no. 3, 79-92 '62

TREPONEMA PALLIDUM
Complement fixation reaction in 1/5 of the volume with the protein fraction of Treponema pallidum as an antigen. I. V. Sazonova Lab. delo 8 no. 2, 35-38 F '62

TRIANGULATION
Leveling of some elementary triangulation control networks. N. N. Orel. Trudy KIIGT no. 41:58-64 '61

TRIAZOLE
Derivatives of aminoguanidine and their transformations. Part 3: Acyl and azomethine derivatives of aminotriazoles. G. I. Chipen, V. IA. Grinshtein. Zhur. ob. khim. 32 no. 2,460-464 F '62

TRIBOMETERS
Tribometer for measuring the friction power of low-modulus high-molecular weight polymers. V. V. Lavrent'ev. Kauch. i rez. 20 no. 9:33 S '61

TRICHOMONAS
Method of staining Trichomonas. P. V. Zhuravskii. Lab. delo 8 no. 2:53 F '62.

TRICKS
The other side of tricks. A. Akopian. IUn. tekh. 6 no. 1: 76-77 Ja '62.
The other side of the trick. A. Akopian. IUn. tekh. 6 no. 2:75 '62.

TRIGEMINAL NERVE
Cerebellar connections of the mesencephalic nucleus of the trigeminal nerve [with summary in English]. TSang Yu-Chuan (TS'ang Yu-Ch'uang). Arkh. anat. gist. i embr. 41 no. 7:38-47 Jl '61
Course of neurodystrophic processes as dependent on the reactivity of the organism. E. D. Bromberg, M. G. Shenberg. Probl. stom. 5:5-14 '60.
State of olfactory and trigeminal sensitivity in acute disorders of the cerebral circulation [with summary in English]. A. Z. Dubrovskii, Z. N. Dracheva. Vest. otorin. no. 2:22-26 '62.

TRIGEMINAL NERVE—TUMORS
Neurinoma of the infraorbital nerve. I. T. Batlunin. Vest. otorin. no. 2:99-101 '62.

TRIGEMINAL NEURALGIA see Neuralgia, Trigeminal

TRIGONOMETRICAL FUNCTIONS
Ogloblin, D. N. [Five-digit tables of trigonometrical functions for mine surveyors] Piatiznachnye tablitsy natural'nykh znachenii trigonometricheskikh funktsii dlia marksheideров. 3., ispr. izd. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 169 p.

TRILOBITES see subdivision under Baltic Sea region

TRIM (OF SHIPS)
Remarks on IA. I. Dunaevskii's book "Striving for the buoyancy of ships." F. I. Lepke. Mor. flot 22 no. 9:46 My '62.

TRIODES
Khatskelevich, V. A. [Calculation of the performance of new generator triodes] Raschet rezhimov novykh generatornykh triodov. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1961. 48 p. (Lektsii po tekhnike sviazi)
New power modulator triodes. Z. M. Lifshits, G. M. Moskovskaia, I. S. Libman. Radiotekhnika 17 no. 1: 59-61 Ja '62.

TRITIUM
Study of elementary reactions involved in the detachment of a tritium atom from pentatriacontane-18t by free cyclohexyl and heptyl radicals in the liquid phase. I. V. Berezin, Cio Chu. Dokl. AN SSSR 142 no. 2,303-306 Ja '62.
Tritiation of organosilicon compounds by the method of rebounding tritium atoms. V. D. Nefedov and others. Zhur. ob. khim. 32 no. 2:614-618 F '62.

TROCHODENDRON
Embryology of Trochodendron aralioides Sieb. et Zucc.: development of pollen and embryo sac. M. D. Ioffe. Trudy Bot. inst. Ser. 7 no. 5:250-259 '62.

TROIANSKII, PETR PETROVICH
Inspiring ideas of Petr Petrovich Troianskii. V. M. Litvin. Biul. TSentr. nauch. sel'khoz. bibliot. no. 5:79-81 '60.

TROITSK—OIL INDUSTRIES—TECHNOLOGICAL INNOVATIONS
This is how I develop my innovations. N. Kolkov. Izobr. i rats. no. 3:18-19 Mr '62

TROLLEY BUSES
Klopotov, K. K. [Hinge-articulated rolling stock of streetcars and trolley buses] Sharnirno-sochlenennyi podvizhnoi sostav tramvaev i trolleibusov. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1961. 136 p.

TROPICAL CROPS
Help of science in obtaining an abundant production on subtropical farms. K. P. Bakhtadze. Agrobiologiia no. 6:923-925 N-D '61

TROPICAL PLANTS see subdivision under Sverdlovsk

TROUT
Effect of vitamins on the condition of the liver in the rainbow trout [with summary in English on page 268] K. A. Faktorovich. Izv. GosNIORKH 51:47-51 '61

TRUCK DRIVERS see subdivision under Bobruysk District

TRUCK TRAILERS
(see also subdivision under Czechoslovakia, Germany, West)
Efficient trailers for truss transportation are needed. N. Nikol'skii. Avt. transp. 40 no. 3:24 Mr '62
Motor trucks and semitrailers for the transportation of industrial goods and food stuffs. Avt. transp. 40 no. 3: 51 Mr '62.
The NAMI-790 semitrailer for panel transportation. S. Lamunin. Avt. transp. 40 no. 3:29 Mr '62.
New self-discharging trailer for pipe transportation. M. Blanter. Avt. transp. 40 no. 3:41-42 Mr '62
Semitrailer with a hydraulic drive for the steering of wheels. A. Orlovskii and others. Avt. transp. 40 no. 3:33-34 Mr '62
Semitrailers with steerable wheels for truss transportation. S. Margolis. Avt. transp. 40 no. 3:31-32 Mr '62.
Specifications of trailers for the transportation of heavy piece goods. Kh. Askinazi. Avt. transp. 40 no. 3:53-55 Mr '62.
Straight-frame motortrucks and semitrailers. Avt. transp. 40 no. 3:36 Mr '62.

TRUCK TRAILERS—TESTING
Replacing running tests of high-capacity trailers by stand tests. G. IA. Miller, M. I. Vladykin, IU. S. Shestakov. Avt. prom. 28 no. 2:48 F '62.

TRUSEVICH, BORIS IPPOLITOVICH, 1892-1961
Boris Ippolitovich Trusevich. Zdrav. Bel. 7 no. 12:68 D '61

TRUSKAVETS—MINERAL WATERS
Effect of Truskavets mineral water from spring No. 2 on the secretion and output of bile. N. F. Golosal. Vrach. delo no. 1:154 Ja '62.

TRUTH
Truth and its criteria. D. P. Gorskii. Vop. filos. 16 no. 2:121-133 '62.

TRUTHFULNESS AND FALSEHOOD
"And where do they learn to lie like this?..." E. Turbina. Semlia i shkola 17 no. 1:24-25 Ja '62.

TRYPTOPHAN
Fermentation synthesis of optically active peptides from racemic amino acids. Part 3. Synthesis of L-tryptophan peptides from carbobenzoxy-D, L-tryptophylglycolic acid. M. M. Botvinik, I. P. Kuranova. Zhur. ob. khim. 32 no. 1:16-19 Ja '62
Tryptophan - xanthurenic test in acute and chronic hepatitis [with summary in English]. I. M. Raskin. Vop. pit. 21 no. 1:33-36 Ja-F '62

TSAGERI DISTRICT—BARK BEETLES
Study of bark beetles (Ipidae) occurring in TSageri District. IA. S. Dzhambazishvili. Soob. AN Gruz. SSR 27 no. 6:751-757 D '61.

TSAKHURS
Architecture of the TSakhurs. S. O. Khan-Magomedov. Arkhit. nas. 13 33-60 '61.

TSEDENDAMBA, GOTOV
He studied in the Soviet Union. U. Damdinsuren. Sovr. Mong. 6 no. 2,21 F '61.

TSELINNYY KRAY see Virgin Territory

TSELINOGRAD—CLOTHING INDUSTRY
Orders are carried out perfectly. Kh. Garifova. Koop. Kazakh. 4 no. 12:12 D '61.

TSELINOGRAD—FILMSTRIPS
Let's bring filmstrips to club screens. I. Lazarev. Kul't.-pros. rab. 23 no. 1,41-42 Ja '62.

TSELINOGRAD—VOCATIONAL EDUCATION
Here they train the personnel for cooperative societies of virgin lands. A. Voinov. Koop. Kazakh. 4 no. 2: 29-33 F '61

TSELINOGRAD DISTRICT—BAKERS AND BAKERIES
More than a quarter of a century dedicated to his beloved work. S. Khamzina. Koop. Kazakh. 4 no. 12:25-26 D '61.

TSELINOGRAD PROVINCE—AGRICULTURAL WAGES
New systems of accounting and wages are worth attention. A. L. Braun, G. I. Bal'ko. Uchet i fin. v kolkhoz i sovkhoz. 19 no. 2:9-15 F '62.

TSELINOGRAD PROVINCE—SOILS
Effect of various tillage practices on the oxidation-reduction potential of newly reclaimed calcareous dark Chestnut soils in TSelinograd Province. I. I. Emel'ianov. Izv. AN Kazakh. SSR. Ser. bot. i pochv. no. 2 61-74 '61
Soil zones, subzones, and regions in TSelinograd Province. V. V. Redkov. Izv. AN Kazakh. SSR. Ser. bot. i pochv. no. 2 30-40 '61

TSIMLYANSK RESERVOIR—TEMPERATURE
Fluctuations of the water temperature in Tsimlyansk Reservoir. I. S. Shpak. Sbor. rab. po gidrol. no. 1:62-66 '59

TSIMLYANSK RESERVOIR—TRAWLS AND TRAWLING
Pair-trawling from low-power vessels in TSimlyansk Reservoir. L. I. Denisov. Ryb. khoz. 38 no. 2:54-59 '62.

TSIOLKOVSKII, KONSTANTIN EDUARDOVICH, 1857-1935
Investigation is not over... S. Samoilovich. Nauka i zhizn' 28 no. 12:100 D '61
K. E. TSiolkovskii in our home. M. Ignatovich. Neva no. 11 221-222 '61.

TSVETOV, A.
"Guests of the Octobrists"; stories by L. Burtsev, A. TSvetov. Reviewed by A. Losev. Neva no. 8: 207-208 '61

TSYPKIN, BORIS NAUMOVICH, 1896-1961
In memory of Boris Naumovich TSypkin, obituary. Zdrav. Bel. 7 no. 8,79 Ag '61.

TUAPSE DISTRICT—GAS, NATURAL—GEOLOGY
Geology and prospects for finding gas and oil in Tuapse District, Krasnodar Territory. A. I. D'iakonov. Trudy KF VNII no. 6, 67-90 '61.

TUAPSE DISTRICT—PETROLEUM GEOLOGY
Geology and prospects for finding gas and oil in Tuapse District, Krasnodar Territory. A. I. D'iakonov. Trudy KF VNII no. 6:67-90 '61.

TUBERCULOSIS
(see also subdivision under Kazakhstan, Latvia; Russia, Northern; Vitebsk, White Russia; Yakutia)
Analysis of the divergencies between planned and factually performed extent of resection of the lungs in tuberculosis [with summary in English]. M. I. Perel'man, L. N. Oksup. Grud. khir. no. 5:64-68 '61.
Ballistocardiographic observations of pulmonary tuberculosis [with summary in French]. Z. S. Kidanova. Probl. tub. no. 2 49-56 '62.
Bronchoscopy and bronchography during anesthesia with controlled respiration. V. P. Filippov. Probl. tub. no. 2:43-48 '62.
Cavernotomy in tuberculosis of the lungs. G. V. Khitrina. Probl. tub. no. 2 104-105 '62.
Changes in the electrocardiogram during resection of the lungs in tuberculosis [with summary in English]. Z. N. Balezina. Grud. khir. 4 no. 1:79-81 Ja-F '62.
Characteristics of hemodynamic changes and blood oxygenation in right and left resection of the lung in tuberculosis. S. T. Urashev. Zdrav. Kazakh. 21 no. 10:11-16 '61.
Clinical evaluation of protein displacements in the blood and exudates in tuberculous exudative pleurisy [with summary in English]. IA. A. Makarevich. Terap. arkh. no. 7:79-84 '61.
Clinical experimental study of dihydrostreptomycin pantothenate in tuberculosis [with summary in English]. E. S. Stepanian, B. IA. Stukalova, N. M. Makarevich. Antibiotiki 6 no. 9:30-33 S '61
Combination of cancer and tuberculosis of the lungs from data of the Tuberculosis Institute of the Ministry of Public Health of the Azerbaijan S. S. R. K. A. Selimkhanov. Azerb. med. zhur. no. 11 35-39 N '61
Complications in the antibacterial treatment of pulmonary tuberculosis [with summary in English]. V. F. Razumovskaia, T. M. Trifonova. Sov. med. 25 no. 12:77-81 D '61.
Effect of cycloserine on the transaminase activity of the blood serum in tuberculosis [with summary in English]. V. V. Utkin. Terap. arkh. no. 7:73-79 '61
Effectiveness of treating adolescents with pulmonary tuberculosis with antibacterial preparations and BCG vaccine [with summary in English]. S. D. Paporish. Sov. med. 25 no. 12:73-77 D '61.
Electrocardiographic observations of pulmonary tuberculosis and hypertension. S. R. Lachinian. Probl. tub. no. 2:58-66 '62.
Employment of TB patients. N. Tatarskii. Sots. obesp. 23 no. 1:32-36 Ja '62.
Healing of a tuberculous cavern observed in the clinic and by X-ray tomography [with summary in French]. D. S. Murav'ev. Probl. tub. no. 2:33-38 '62.
Primary drug resistance in pulmonary tuberculosis. K. V. Shmalii and others. Vrach. delo no. 1:98-100 Ja '62.
Recurrences after resection of the lungs in tuberculosis [with summary in French]. A. S. Mamolat, G. I. Rozenberg. Probl. tub. no. 2:15-20 '62.
Results of surgical interventions on adolescents with disseminated tuberculosis of the lungs [with summary in French]. M. L. Shulutko. Probl. tub. no. 2:20-24 '62.

TUBERCULOSIS (Continued)
Results of the study of the antituberculous activity of streptosalazide in experiments conducted in vitro and in vivo [with summary in English] V. K. Vasil'ev. Antibiotiki 6 no. 12:1091-1095 D '61
Results of the use of thoracoplasty and extrapleural pneumolysis in pulmonary tuberculosis G G Gorovenko and others. Probl tub no 2 24-29 '62.
Sanatorium treatment of pulmonary tuberculosis using ergotherapy [with summary in French] Sh. A Alimov Probl tub. no. 2 11-14 '62
17 Ketosteroids as indices of the function of the adrenal cortex in tuberculosis [in Azerbaijani with summary in Russian]. M. N. Alieva. Azerb. med. zhur no 8: 35-38 Ag '61
Significance of bacterial flora in the development of postoperative empyema in tuberculous empyema of the pleura [with summary in English] R. M. Rozenfel'd, P. Kh. Vinokurova Grud khir. 4 no. 1, 81-84 Ja-F '62
Significance of preoperative determination of the topography of subsegmental bifurcation of the bronchi for treating resections in pulmonary tuberculosis [with summary in English] F. Fischer and others Grud khir 4 no. 1:64-67 Ja-F '62.
Thoracoplasty with preliminary drainage of the large and gigantic caverns in pulmonary tuberculosis E. M. Lebedev Grud khir. no. 5:68-71 '61.
Use of dihydrostreptomycin pantothenate in the treatment of tuberculosis [with summary in English] S. G. Pollakova. Antibiotiki 6 no. 9:34-36 S '61.
Use of lutidine in experimental tuberculosis in guinea-pigs [with summary in English]. A. G. Pekhterev. Vrach. delo no. 1 91-98 Ja '62.
Vitamin B_{12} content of the blood serum in tuberculous patients depending on the season. V. R. Pulatov. Med. zhur. Uzb. no. 12 48 D '61
Zihare, Lilija. [Nutrition of tuberculosis patients] Tuberkulozes slimnieku uzture Riga, Latvijas PSR Zinatnu akademijas izdevnieciba, 1961 38 p. [In Latvian]
(DNLM)

TUBERCULOSIS—DIAGNOSIS
Parraspecific symptoms of primary tuberculous infection in young people B. S. Geller. Zdrav Bel. 7 no. 8: 26-27 Ag '61
Present-day clinical and X-ray detection — a basis for the further lowering of morbidity and mortality from pulmonary tuberculosis [with summary in English]. K. V Pomel'tsov, M. L. Olfebakh. Vest. rent. i rad. 36 no. 4 3-10 Jl-Ag '61.

TUBERCULOSIS—HOSPITALS AND SANATORIUMS
(see also subdivision under Namangan, Uzbekistan)
Late results of sanatorium treatment at the Kamenskoye Plato Health Resort. A. N. Khasenov. Zdrav Kazakh 21 no. 5:48-52 '61

TUBERCULOSIS—PREVENTION
(see also subdivision under Latvia)
Basic problems in tuberculosis control. F. V. Shebanov. Tersp. arkh. no. 9:3-6 '61.

TUBERCULOSIS IN ANIMALS
Some problems in the epizootology and diagnosis of tuberculosis in cattle. Z. M. Ochakovskii Veterinariia 39 no. 1:24-26 Ja '62.

TUBERCULOUS—EMPLOYMENT
Occupational therapy and finding suitable working conditions for persons having tuberculosis. Sh. A Alimov. Med. zhur. Uzb. no. 12:8-16 D '61.

TUBERCULOUS—REHABILITATION—CONGRESSES
International Symposium on Problems of Rehabilitation in Pulmonary Tuberculosis. Sh. A. Alimov. Med. zhur Uzb. no. 9:74-79 S '61.

TUBES—CORROSION
Corrosion resistance of brass tubes in the sugar industry. A. E. Gopius, IU. A. Kats. Trudy Giprotsvetmetobrabotka no. 20 265-279 '61.

TUBES—WELDING
(see also subdivision under United States)
Advisability of forge rolling of joints between thin-walled tubes and thick sheets. V. L. Rabinovich, A. L. Marchenko. Avtom. svar 15 no. 3:64-67 Mr '62.

TUGBOATS
Experimental investigation of water resistance during the rolling of tugboats. L. G. Lysenko. Trudy LIVT no. 5:31-34 '60.
Selecting basic characteristics for inland harbor maneuvering tugboats in the initial stages of design. P. A. Malyi. Trudy LIVT no. 5:19-30 '60.
Tulakov, I. M., and M. B. Gavrilenko. [Work organization of the labor fleet] Organizatsiia raboty portovogo flota, Moskva, Izd-vo "Morskoi transport," 1961. 122 p.

TULA—ARMORIES
The oldest Russian armory. Voen.-ist. zhur. 4 no. 3: 127-128 Mr '62.

TULA—MANUFACTURES—TECHNOLOGICAL INNOVATIONS
The brothers of the legendary Levsha. K. Tatynskii Mest. prom. i khud. promys. 3 no. 1:30-31 Ja '62.

TULA—SIEGE, 1941
"Heroic defense of Tula, the defensive operation of the 50th Army, October-December, 1941" by I D Klimov Reviewed by A Emel'ianov. Voen -ist zhur 4 no 2 117-119 F '62

TULA BASIN—COAL MINES AND MINING
Over-all mechanization and automation in the mines under Tula Economic Council. P. N Permiakov Ugol' 37 no 2:1-3 F '62

TULA PROVINCE—AGRICULTURE
On the way to intensive production. M. Gordienko. Part. zhizn' no. 5:17-21 Mr '62.

TULA PROVINCE—CONSTRUCTION INDUSTRY
The interfarm construction trusts are poorly managed in Tula Province. P. Lipkin. Sel'. stroi. 16 no. 12: 9 D '61.
Tasks of the Tula builders. IA. Chukseev Fkon stroi no. 2:13-17 F '62.

TULAREMIA
Concerning the history of the preparation of live tularemia vaccine. V. I. Vashkov. Zhur. mikrobiol., epid. i immun. 32 no. 9:156-157 S '61.
Influence of revaccination on immunological changes in animals vaccinated with complex vaccines [with summary in English] S. L. Borod'ko, L. G. Samsonovich. Zhur. mikrobiol., epid. i immun. 32 no. 9:42-47 S '61
Use of antibiotics and their combinations in experimental mixed infections with tularemia and listeriosis [with summary in English]. E. M. TSvetkova Antibiotiki 6 no. 9:43-45 S '61.

TULIPS
Development of new forms in tulips (Tulipa L.) in relation with the activation of axillary meristems M. F. Danilova, Z. M. Silina. Trudy Bot. inst. Ser. 7 no 5: 176-224 '62.
Zonal testing of a new Dutch tulip in the U.S.S.R. P. I. Lapin, V. N. Bylov. Biul Glav. bot. sada no. 44 19-23 '61.

TULUN REGION—QUARTZ
Genesis of the quartz sand deposit of Tulun. S. A. Kashik, V. A Bronnikov Dokl AN SSSR 142 no 2 429-430 Ja '62

TUMARA VALLEY—FROZEN GROUND
Features of the cryological structure of loose deposits in the Tumara Basin. B. I. Vtiurin. Trudy Inst. merzl AN SSSR 17 34-38 '61.

TUMORS
Action of antineoplastic antibiotics on the recurrences and metastases of transplanted tumors [with summary in English] IU. N. Mol'kov Vop. onk 8 no. 2 22-24 '62
Basal metabolism changes in oncological patients during operations under inhalation anesthesia applied by various methods. IA. A. Rudnev. Nov. khir. arkh. no 2:24-27 '62.
Changes in the blood supply system in sarcoma 45 during the process of sarcolysin therapy N. V. Krylova, M. A. Presnov. Vop onk 8 no 1:47-55 '62.
Comparative study of the methods for purifying immune antineoplastic sera [with summary in English]. V. N. Stepina. Vop. onk. 8 no. 2 12-15 '62.
Current data on the use of ultrasonics in the diagnosis and treatment of tumors. I. S. Landsman. Vop. onk. 7 no. 7:100-104 '61.
Dynamics of hyaluronidase distribution in a tumor-affected organism under the action of antitumor serum. L. S. Biriukova. Vrach. delo no. 1:153-154 Ja '62.
Effect of aminazine and iprazid on the appearance and development of induced tumors in rats [with summary in English]. A. P. Savinskaia. Vop. onk. 8 no. 1: 71-77 '62.
Effect of aurantin on human tumor strain cultures [with summary in English]. E. A. Timofeevskaia. Antibiotiki 7 no. 1:32-35 Ja '62.
Extraperitoneal rupture of the urinary bladder in transvesical adenomectomy. M. A. Gonchar. Nov. khir. arkh. no. 1:120-121 Ja-F '60.
Histochemical study of the oxidizing enzymes of sarcoma 45 during sarcolysin treatment. M. A. Presnov. Vop. onk. 8 no. 2:15-21 '62.
Morphology and histogenesis of hibernoma [with summary in English]. A. K. Apatenko, K. K. Poroshin. Arkh. pat. no. 2:60-65 '62.
Proteins of muscle tumors. A. N. Parshin, Kh. L. Aleksandr. Dokl. AN SSSR 143 no. 1:228-230 Mr '62.
Results of a primary evaluation [of the effect] of new antitumor antibiotics on various transplanted tumors in animals [with summary in English]. V. A. Shorin, V. A. Liashenko. Antibiotiki 7 no. 1:27-31 Ja '62.
Tumors in children; according to data of the Moscow Province Scientific Clinical Research Institute from 1951-1960. M. N. Stepanova, V. A. Odinokova. Vop. onk. 8 no. 1:33-38 '62.
Various microscopic methods in the study of the action of actinoxanthine on cells of the ascites form of Ehrlich tumor [with summary in English]. V. I. Bolko, V. G. Koroleva. Antibiotiki 6 no. 12:1085-1091 D '61.

TUNA FISH see subdivision under Atlantic

TUNA FISH, CANNED see subdivision under

TUNGSTATE
Effect of grinding on the luminescent properties of tungstate luminophors. IU. S Leonov 12 no 2:265-270 F '62.

TUNGSTEN
Threshold temperature of surface ionization on tungsten as a function of the chemical nature of vapors E. IA Zandberg, V. I Paleev, A. Zhur tekh fiz. 32 no 2 208-213 '62

TUNGSTEN—ISOTOPES
Conversion electrons from short-lived platinum isotopes E. P. Grigor'ev and others SSSR Ser fiz 26 no 1 120-124 Ja '62

TUNGSTEN—METALLURGY
Purification of tungsten hexachloride and molybdenum pentachloride from admixtures of iron and other chlorides. B. G. Korshunov, V. I Gol'din kieva, Izv. vys. ucheb. zav., tsvet. met '62

TUNGSTEN—SPECTRA
Spectrum analysis of high-purity tungsten and molybdenum. V. G. Shcherbakov, N. P Anikeeva metaloker. i spets. splav. AN UkrSR

TUNGSTEN—THERMAL PROPERTIES
Enthalpy and heat capacity of tungsten in the temperature range from 0° to 2400°C V. A. Kirillin V. IA. Chekhovskoi Dokl. AN SSSR F '62.

TUNGSTEN ALLOYS—TESTING
Effect of the composition of cementation phase on certain mechanical properties of WC ceramic metal hard alloys. I. N. Shchetilina, S. L. Serebrova. Sbor. trud. VNIITS 90-104 '60.

TUNGSTEN CARBIDE
Changes in the X-ray pattern of tungsten hard alloys. A. E. Koval'skii, S. V. trud. VNIITS no. 2:108-112 '60.

TUNGSTEN-COBALT ALLOYS
Preparation of a cobalt-tungsten ceramic for instrument manufacture. A. V. Sbor. trud. VNIITS no. 2:15-28 '60.

TUNGSTEN-COBALT ALLOYS—ANALYSIS
Effect of cobalt content on the hardness of WC - Co hard alloys. A. B. Platov. no. 2, 82-89 '60

TUNGSTEN-COBALT ALLOYS—METALLOGRAPHY
Strength, hardness, and toughness of hard alloys of tungsten carbide - cobalt their composition, structure and G. S. Kreimer, A. I Baranov, N. A trud. VNIITS no. 2:57-78 '60.

TUNGSTEN-MOLYBDENUM ALLOYS
Studying the order in the alloy W + 44 at. % Mo during the diffuse scattering of X rays. skaia, IU. V. Nekrasov, IA. S. Umanskii Ser. fiz. 26 no. 3:349-351 Mr '62.

TUNGSTEN ORES
Distribution of tungsten in secondary dispersion R. I. Dubov, E. M. Kviatkovskii. Zap. 144 '61.

TUNGSTEN-TITANIUM ALLOYS see Titanium alloys

TUNGSTEN-TITANIUM-COBALT ALLOYS METALLOGRAPHY
Replacement of cobalt by nickel in hard alloys of carbide-tungsten-cobalt carbide. V. D Sbor. trud. VNIITS no. 2 37-45 '60.

TUNGSTEN-TITANIUM-NICKEL ALLOYS METALLOGRAPHY
Replacement of cobalt by nickel in hard alloys of carbide-tungsten-cobalt carbide. V. D Sbor. trud. VNIITS no. 2:37-45 '60.

TUNGUSES
Evenki of northern Buryat-Mongolia. M. kov. Etn. sbor. no. 1:96-107 '60.

TUNGUSES—CRANIOLOGY
Materials on the anthropology of the western IU. G. Rychkov. Trudy Inst. etn. 71:244

TUNGUSKA, NIZHNYAYA see Lower Tunguska

TUNGUSKA BASIN—BRACHIOPODA, FOSSIL
Arthrophyta of the upper Paleozoic in the Basin (conclusion). E. S. Raskazova. paleont. i biostrat. no. 24:46-73 '61.
Articulate of the upper Paleozoic in the Tunguska Basin (to be concluded). E. S. Raskazova. biostrat. no. 23:35-76 '61.

TUNGUSKA BASIN—STRIP MINING

Open-pit coal mining in Norilʹsk V. B. Dobrotsev. Ugolʹ 37 no 3 24-25 Mr '62

TUNGUSKA VALLEY, PODKAMENNAYA see Podkamennaya Tunguska Valley

TUNISIA

Tunisia of our days. IU. Bochkarev. Nov. vrem. 20 no 11:26-28 Mr '62

TUNKA—EXILES

Members of the "Narodnaia Volia" in Tunka I Z. IAnevskii Kraeved sbor no. 6 131-136 '61.

TUNNEL LINING

Orlov, A.S. [Methods for the static analysis of sectional reinforced-concrete linings for tunnels] Metody staticheskogo rascheta sbornykh zhelezobetonnykh obdolok tonnelei. Moskva, Gos.izd-vo lit-y po stroit., arkhit. i stroit. materialam, 1961. 134 p

TUNNELING

(see also subdivision under Khram Hydroelectric Power Station No.2)

TSvetkov, A.I., and IU.D. Shutov. [Construction of sewer conduits by shield tunneling; construction practices in Leningrad] Sooruzhenie kanalizatsionnykh kollektorov metodom shchitovoi prokhodki, opyt stroitelʹstva v Leningrade. Leningrad, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 97 p.

TURBIDITY see subdivision under Proletarskaya Reservoir

TURBINES

(see also subdivision under Kharkov)

Installation of the TGM-94 boiler and PVK-150 turbine system outdoors. M. IA. Sluchishkin. Energetik 10 no. 3:1-4 '62.

One of the uses of the turbine stage theory when full parameters vary along the radius in front of the nozzles A. M Topunov. Trudy LKI no. 32:97-102 '60

Problem concerning the design of a turbine stage from the terminal end. B. E. Kapelovich. Izv. vys. ucheb. zav ;energ. 5 no 1:125-127 Ja '62

Ultrasonic method of inspecting the quality of material for parts of turbines. V. S. Kravchenko Trudy LKI no 31 65-73 '60.

TURBINES—DESIGN AND CONSTRUCTION

Turbines lose weight. Tekh.mol. 30 no.1:11 '62.

TURBINES—TECHNOLOGICAL INNOVATIONS see subdivision under Leningrad

TURBINES—TESTING

Effect of the degree of a partial steam admission on the reactance of the turbine stage. I. K. Terentʹev Teploenergetika 9 no. 3:18-21 Mr '62.

TURBODRILLS see subdivision under Azerbaijan

TURBOGENERATORS

Design data for selecting the main dimensions and determining the parameters of hydrogenerators. V. V. Dombrovskii, G. B. Pinskii Elektrosila no. 19 31-36 '60

Hydrogen and water cooled TVV-165-2 turbogenerator with a maximum power rating of 165,000 kw. Elektrosila no. 19:63-64 '60

Hydrogen and water cooled 320,000 kv. TVV-320-2 turbogenerator. Elektrosila no. 19.63 '60.

Russia (1923- U.S.S.R.) Ministerstvo stroitelʹstava elektrostantsiĭ. TSentralʹnoe normativno-issledovatelʹskoe biuro. [Mechanic's manual on the installation of equipment in the machine rooms of thermal electric power plants] Pamiatka slesaria po montazhu oborudovaniia mashinnogo zala teplovoi elektrostantsii. Moskva, Gos. energ. izd-vo,

No. 1. Abalakov, B. V. [Installation of steam-turbines and generators] Montazh parovykh turbin i generatorov. 1961. 70 p.

Stability of a hydrogenerator with presence of electric braking. D. E. Trofimenko. Elektrichestvo no. 2:27-30 F '62.

TURBOGENERATORS—COOLING

Rotor with direct multijet cooling. G. P. Ezovit, G. M. Khutoretskii. Elektrosila no. 19.9-15 '60.

Use of models in the experimental study of direct hydrogen cooling of turbogenerator rotor windings. A.I. Moskvitin, A.M. Rasadov. Elektrosila no.19:19-25 '60.

TURBOGENERATORS—FLUID DYNAMICS

Effect of the finite number of blades in the pumping wheels of hydraulic torque transformers. IA.B.Kudriavtsev. Trudy MHT no.141:101-107 '61.

TURBOGENERATORS—VIBRATION

Elimination of magnetic vibration in turbogenerator stators. G. A. Zagorodnaia, V. M. Fridman. Elektrosila no 19:15-18 '60.

TURBOMACHINES

Experimental centripetal turbine and turboblower. A. V. IAzik. Mashinostroenie no. 1:90-92 Ja-F '62.

Taking into account the changes of the damping properties of blades occurring in the process of interaction between blades and rotor of turbomachines. K. A. Prokofʹev. Energomashinostroenie 8 no 3,23-26 Mr '62

TURBULENCE

Calculating the parameters of high turbulence occurring during hydraulic jumps. V. M Makkaveev. Trudy LIVT no. 7:41-48 '60.

Distribution of energy and temperature in turbulent flows. I. M. Konovalov. Trudy LIVT no. 7:32-40 '60

Turbulent boundary layer on a flat surface. K. V. Grishanin. Trudy LIVT no 7:23-31 '60

TURGAY GATES—WATER, UNDERGROUND

Atmospheric salinization of ground waters in the areas north of Soviet deserts as revealed by the Turgay Depression. IA. E Arsh. Vop gidrogeol i inzh. geol. no 19:33-40 '61

TURGENEV, IVAN SERGEEVICH, 1818-1883

"Case of the violent behavior of Ivan Turgenev, a landowner in the Mtsensk County." V. Gennadiev. Neva no. 11,220-221 '61.

On the title of I. S. Turgenev's novel "Smoke" [with summary in English]. A. B. Muratov Vest. LGU 17 no. 2, 159-161 '62

TURKESTAN—AGRICULTURE

The first agrarian measures of the Communist Party of Turkestan, November 1917 - 1918. V. P. Khatin Trudy TashGU no. 170:29-43 '60.

TURKESTAN—IRRIGATION

Historical significance of the land and water reform of 1921-1922 in the Turkestan A. S. S. R. M. P. Novikov. Obshchestv. nauki v Uz. no. 12 40-45 '61.

TURKESTAN—LABOR AND LABORING CLASSES

A new document on the rear area workers. A. Savitskii. Obshchestv. nauki v Uz. no. 2:65-66 '61.

TURKESTAN—REVOLUTION, 1917-1921

Character of the food policy of the Soviet regime in Turkestan during the civil war, 1918-1921. A. Rakhimov. Nauch. rab. i soob. Otd. obshchestv. nauk AN Uz SSR 2,61-73 '61.

TURKESTAN—REVOLUTION, 1917-1921—FOREIGN PARTICIPATION

Political work in the international units of the Red Army in Turkestan, 1918-1920. IA. M. Seryi. Trudy TashGU no. 170:44-59 '60.

TURKESTAN—REVOLUTION OF 1905

The general political strike in October 1905 in Turkestan. E. A. Deeva. Obshchestv. nauki v Uz no 3:31-37 '61.

History of a political strike in Turkestan in November 1905. E. A. Deeva. Obshchestv nauki v Uz. no 12, 49-52 '61.

TURKESTAN—RUSSIANS

Friendly relations between Russian settlers and the peasants of Turkestan, 1867-1917. P. A. Shmachkov. Trudy UzGU no. 101:125-136 '60.

TURKESTAN—STRIKES AND LOCKOUTS

The general political strike in October 1905 in Turkestan. E. A. Deeva. Obshchestv. nauki v Uz. no. 3:31-37 '61

TURKEY—FOREIGN ECONOMIC RELATIONS—FRANCE

Expansion of French imperialism in Turkey, 1918-1922. D M. Filipenko Ukr. ist. zhur. 6 no. 1 74-83 Ja-F '62.

TURKEY—FOREIGN ECONOMIC RELATIONS—GERMANY, WEST

Legal successors of German colonialism in Turkey. B. Potapovskii. Az. i Afr. seg. no. 2:26-28 F '62.

TURKEY—FOREIGN ECONOMIC RELATIONS—RUSSIA

Soviet economic relations with Turkey. M. Artiukhov. Mezhdunar. zhizn' 9 no. 3:102-103 Mr '62.

TURKEY—FOREIGN RELATIONS—RUSSIA

Important date in the history of Soviet-Turkish relations I. F. Chernikov. Ukr ist. zhur. 6 no 1:146 Ja-F '62.

TURKEY—RELATIONS (GENERAL) WITH SOVIET CENTRAL ASIA

Central Asia and Turkey during the liberation struggle of the Turkish people against the intervention of the Entente. A. Kh. Babakhodzhaev. Obshchestv. nauki v Uz. no. 12:20-29 '61.

TURKI DISTRICT—FARM MANAGEMENT

Some problems in improving the projects of the organization of land use on collective farms. Z. S. Pimenova Trudy MIIZ no. 8:133-143 '59.

TURKIC LANGUAGES—DICTIONARIES

"Dictionary of Turkic languages" by Makhmud Kashgarii. Reviewed by K. Shaniiazov. Obshchestv. nauki v Uz. no. 3:72-73 '61.

TURKIC LANGUAGES—PHONETICS

Origin of the "dzh" sound in Turkish languages. Obshchestv. nauki v Uz. no. 2:47-54 '61.

TURKMENISTAN—COLLECTIVE FARMS

Some aspects of further development and strengthening of the collective farm system at the present stage. K. Baĭryev Izv. AN Turk. SSR. Ser. obshchestv. nauk no. 6 27-36 '61

TURKMENISTAN—CULTUS

Religious structures on the ancient sites of the Anau Culture settlements V. I Sarianidi Sov. arkheol 6 no 1,14-56 '62

TURKMENISTAN—DIPHTHERIA

Role of health education in reducing the incidence of diphtheria. I. M. Gershenovich. Zdrav Turk. 5 no. 6 30-31 N-D '61.

TURKMENISTAN—FAVUS

Extermination of favus in the Bakharden, Geok-Tepinsk, and Ashkhabad Rural Districts L. D. Khorunzheva and others. Zdrav. Turk 5 no. 6 26-29 N-D '61.

TURKMENISTAN—HISTORY

"Incorporation of Murgab Oasis into Russia" by M. N. Tikhomirov. Reviewed by M. V. Popov. Vop ist no. 2, 144-147 F '62.

TURKMENISTAN—MILK VETCHES

Roots of principal guttiferous milk vetches of the Turkmen S. S. R. and Nakhichevan A. S. S. R P. K Krasilʹnikov. Trudy Bot. inst. Ser. 5 no. 10:199-255 '62

TURKMENISTAN—NATIONALITIES

The Leninist nationalities policy is the policy of equality and friendship among peoples. M. Abaeva Trudy Otd filos i prava AN Turk SSR 2:24-40 '60

TURKMENISTAN—POLITICS AND GOVERNMENT

Role of the Soviet state during the large-scale building of communism. D. Abaeva Trudy Otd filos i prava AN Turk. SSR 2:120-116 '60.

Turkmen S. S. R. Verkhovnyi Sovet. [Meetings of the Fourth Supreme Soviet of the Turkmen S. S. R., sixth session, January 20-21, 1959. Verbatim report] Zasedaniia Verkhovnogo Soveta Turkmenskoi SSR, chetvertogo sozyva, shestaia sessiia (20-21 ianvaria 1959 goda). Stenograficheskii otchet. Ashkhabad, Turkmenskoe gos. izd-vo, 1960. 193 p. [Parallel texts in Turkmen and Russian]

TURKMENISTAN—RAILROADS—MAINTENANCE AND REPAIR

Under the sultry sky of Turkmenistan. K. Kh. Peshkova. Putʹ i put. khoz 6 no. 2:10 '62.

TURKMENISTAN—RUSSIAN LANGUAGE—STUDY AND TEACHING

Studying the adverb in grades 1-7 of the Turkmen school. L. M. Kulakova. Trudy Nauch.-issl. inst. shkol no 2: 191-240 '60.

TURKMENISTAN—SHEEP

Specialization and increase in economic efficiency of sheep breeding in individual districts of Turkmen S. S. R. V. S. Manakov. Izv. AN Turk SSR. Ser obshchestv. nauk no 6:39-49 '61

TURKMENISTAN—WIND POWER

Use of Goodrich's equation in estimating the wind power resources of the Turkmen S. S. R. M. V. Kolodin Trudy Fiz.-tekh. inst AN Turk. SSR 7:35-91 '61

TURKS

Anthropological make-up of the Turkic peoples O. Ismagulov. Trudy Inst. ist., arkheol. i etn AN Kazakh. SSR no. 12:171-194 '61.

TURF
Cr
t
e

TUR
Mi
St
Sur
I.
'6

Valstybe, V. [What a farmer should know] ... tekintojui. Vilnius, Valstybine politines ir mokslines literatures leidykla, 1961. 142 p. [In Lithuanian]

TURNIPS see subdivision under Pamirs

TURPENTINING

Ivanov, L. A. [Biological principles of turpentining in the U. S. S. R.] Biologicheskie osnovy dobyvaniia terpentina v SSSR. Izd. 3., ispr. i dop. Moskva, Goslesbumizdat, 1961. 202 p.

TUVA A.S.S.R.—EDUCATION, COOPERATIVE

In Tuva. I. Prinisev. Nar. obr. no. 2:11-13 F '62.

TUVA A.S.S.R.—GEOLOGY

Remarks on A. V. Ilʹin and G. A. Kudriavtsev's report in the article "Pre-Cambrian of Tuva." V B. Agentov. Sov. geol. 5 no. 2:156-157 F '62.

TUVA A. S. S. R. – GEOLOGY (Continued)
Signs of superimposed heterochronous movements in the northeastern end of the Tuva Depression and adjacent areas IU V Chudinov Izv AN SSSR Ser geol 27 no 3 86-99 Mr '62

TUVA A.S.S.R.—GEOLOGY, STRATIGRAPHIC
History of the Quaternary in Tuva. M. G. Grosval'd. Biul. MOIP, Otd. geol 37 no 1:157-158 Ja-F '62

TUYMAZY REGION—OIL WELLS—EQUIPMENT AND SUPPLIES
Activity of innovators of the Tuymazy Petroleum Trust I. E. Nalanzin. Bezop truda v prom. 6 no 2:30-31 F '62

TWILIGHT
Observation of the enhancement of the infrared helium line 10830 A [with summary in English] P. V. Shcheglov Astron zhur. 39 no 1 158-159 Ja-F '62.

TWINS
Childbirth in the case of conjoined twins. V. M. Mel'nikov Zdrav Bel 7 no 6 58-59 Je '61.
"Twins. Essays on the problems of multiple pregnancies" by I. I. Kanaev. Reviewed by V. V. Bunak Vop antr no 5,153-154 '60.

TYM'-PORONAY VALLEY—VOLCANIC ASH, TUFF, ETC.
Manifestations of Upper Tertiary volcanism in the Tym'-Poronay Lowland D. F. Rusakov, IA. I. Zolin Trudy VNIGRI no. 161;161-170 '61.

TYMPANIC MEMBRANE—SURGERY
Experience with the use of a preserved dura mater flap in tympanoplasty [with summary in English]. IU. B. Preobrazhenskii Vest. otorin. no 4:60-66 '61

TYMPANIC MEMBRANE—WOUNDS AND INJURIES
Perforation of the ear drum caused by a living foreign body. IU. IA. Slobodskii, B. M. Shneider Zdrav Bel 7 no 6:63 Je '61.

TYPE AND TYPE FOUNDING
Extraction method of determining admixtures of zinc and nickel in type alloys. N. A. Kiseleva. Sbor. nauch. rab. VNIIPP no. 11:155-163 '60
Rapid method of determining admixtures of aluminum in type metal. A. D. Vinogradova. Nauch. trudy MPI no. 12,57-65 '60.
Study of the technological properties of zinc type alloys. I. A. Alekseakhin, A. A. Semionov. Sbor. nauch. rab. VNIIPP no. 11:45-70 '60

TYPHOID FEVER
(see also subdivision under Ashkhabad)
Children carrying typhoid germs in high-incidence areas. Azerb. med. zhur. no. 8:75-79 Ag '61
Diagnosis of perforating typhoid peritonitis M. B. Belkin Sov. med. 25 no 12:117-119 D '61.
Dynamics of changes in the protein content of blood serum in typhoid fever in children Med zhur. Uzb. no 3:13-15 Mr '60
Treatment of typhoid fever with levomycetin and typhoid monovaccine V. S. Starshinova. Sov med 25 no. 12:64-69 D '61
Typhoid-paratyphoid-tetanus chemically sorbed vaccine. (Experimental study, reactogenic properties, epidemiological effectiveness) [with summary in English]. L. B. Kheifets and others Zhur mikrobiol., epid i immun. 32 no. 9:16-25 S '61.

TYPHOID FEVER—AGGLUTINATION REACTION
Vi-agglutination, a supplementary method for detecting typhoid carriers. E. G. Stepanian, A. V. Vasil'eva, N. S Orakaeva. Zdrav. Turk 5 no. 6 6-8 N-D '61.

TYPHOID FEVER—PREVENTIVE INOCULATION
Some problems of the mechanism of artificially acquired immunity [with summary in English]. S. I. Ginzburg-Kalinina. Zhur. mikrobiol., epid i immun 32 no. 9:52-58 S '61.

TYPHUS FEVER
Associated vaccine against exanthemamatous typhus and Q fever and the possibility of decreased reactogenic properties of the vaccine against Q fever [with summary in English]. Vop virus. 6 no 6:728-732 N-D '61.

TYPOLOGY (PSYCHOLOGY)
Cardiovascular orienting conditioned reflexes and typological characteristics of man [with summary in English]. T. A. Kaminskaia. Vest. LGU 17 no. 3:114-123 '62.
Manifestation of the typological characteristics of man during the formation of work capabilities studied on an ergograph [with summary in English]. L. P. Pavlova. Vest. LGU 17 no 3:124-134 '62.

TYRNYAUZ REGION—MINING ENGINEERING
Work and plans of the miners of Tyrnyauz. V. N Kobakhidze, I. I. Lisovskii. Gor. zhur. no. 12 7-10 D '61.

UBOREVICH, I. P., 1896-1937
Army commander of the first rank. Voen.-ist. zhur. 3 no. 12:121-122 D '61.

UCHUR VALLEY—FORESTS AND FORESTRY
Tiulina, L. N. [Forest vegetation of the middle and lower part of the Uchur Basin] Lesnaia rastitel'nost' srednei i nizhnei chasti basseina Uchura. Moskva, Izd-vo Akad. nauk SSSR, 1962. 149 p.

UDMURT A. S. S. R.—GEOLOGY, STRATIGRAPHIC
Eifelian deposits of southern Udmurtia and northeastern Tatarstan. V. I. Averianov. Dokl. AN SSSR 140 no. 5:1138-1140 O '61.

UDMURT A. S. S. R.—LOCAL GOVERNMENT
Popov, V. K. [Activities of the Udmurt sections attached to the local soviets during the initial years of Soviet power, 1918-1920] Deiatel'nost' udmurtskikh sektsii pri mestnykh Sovetakh v pervye gody Sovetskoi vlasti, 1918-1920 gg. Izhevsk, Udmurtskoe knizhnoe izd-vo, 1960. 39 p.
(MII)

UDMURT A. S. S. R.—RURAL ELECTRIFICATION
Rural electrification in Udmurtia. I. Zariadnovil. Sel'. strol. 16 no. 12:12-13 D '61.

UFA—PETROLEUM REFINERIES—SAFETY MEASURES
Office of safety measures. P. Pfeifser. Neftianik 7 no. 1 21 Ja '62.

UGLOVOYE BASIN—COAL MINES AND MINING—LABOR PRODUCTIVITY
Mine No 7-7bis fights for the title of enterprise of communist labor. A. A Shilon Ugol' 36 no 7 5 Jl '61

UGRIANS see Finno-Ugrians

UIGUR LANGUAGE—DICTIONARIES—RUSSIAN
Akademiia nauk Kazakhskoi SSR, Alma-Ata. Institut iazykoznaniia. [Uigur-Russian dictionary] Uigursko-russkii slovar'. Pod red. Sh. Kibirova i IU. TSunkovo. 16 tysiach slov. S prilozheniem kraktkogo grammaticheskogo ocherka uigurskogo iazyka, sost. A. Kaidarovym. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1961. 328 p.

UKHTA—PETROLEUM—REFINING
Automatic pumping of condensate. I. Kashinenko. Neftianik 7 no. 2 25 F '62

UKRAINE—AGGREGATES (BUILDING MATERIALS)
Increasing the production of lightweight aggregates. Strol i arkhit 9 no. 12 35-36 D '61.

UKRAINE—AGRICULTURAL MACHINERY INDUSTRY
Strengthen ties between research and practice. I. Tereshchenko Ekon Sov Ukr. no. 3:121-122 My-Je '61.

UKRAINE—AGRICULTURE
There will be an abundance of products. A. Mualiko. Nauka i zhyttia 11 no. 1:43-45 Ja '62.
"Socialist reorganization and technical reconstruction of Ukrainian agriculture, 1927-1932" by I. I. Slyn'ko Reviewed by O. B. Sluts'kyi, V. D. Uvarov, P. U. Shatov Ukr. ist. zhur. 6 no. 2:121-123 Mr-Ap '62.
Soveshchanie rabotnikov sel'skogo khoziaistva Ukrainskoi SSR, Kiev, 1961. [Materials of the Conference of Agricultural Workers of the Ukrainian S. S. R.] Materialy. Kiev, Gos. izd-vo polit. lit-ry USSR, 1962. 133 p.
They fulfilled their pledges in honor of the 22d Congress of the CPSU. Rad. shk. 40 no. 2:18-19 F '62.

UKRAINE—AGRICULTURE—CONGRESSES
For communist prosperity. Rad. shk. 40 no. 2:10 F '62.
Two generations of the builders of communism; from the Comrade N. S. Khrushchev's speech at the congress of agricultural workers of the Ukrainian S. S. R., December 22, 1961 in Kiev. Rad. shk 40 no. 2:3-6 F '62.

UKRAINE—AGRICULTURE—LABOR PRODUCTIVITY
History of the shock workers' and communist labor movement in Ukrainian agriculture IE S. Koroid. Ukr. ist. zhur 6 no. 1:12-16 Ja-F '62.

UKRAINE—AGRICULTURE—STUDY AND TEACHING
Student work brigades are the schools of communist training. K. A. Kolosova. Rad. shk. 40 no. 2:21-26 F '62.
Worthy successors to the masters of high yields. L. P. Torgalo. Rad. shk. 40 no. 2:16-18 F '62.

UKRAINE—APARTMENT HOUSES
Some features of the architecture of large-panel apartment houses [with summary in English, p. 73]. IU. A Svintchenko. Visnyk ABIA URSR no. 4:15-22 '61.

UKRAINE—ARBITRATION AND AWARD
Decisions of arbitration agencies. Rad. pravo no. 1:153-155 Ja-F '62.

UKRAINE—BAKERS AND BAKERIES
Let's build mechanized bakeries on collective farms faster. V. Moshins'kii. Stil' bud. 11 no. 12:6-7 D '61.

UKRAINE—BANKS AND BANKING
Observe operating rules strictly. P. [Agodkin] Den' kred 20 no. 2:86-87 F '62

UKRAINE—BEETLES
Materials on horny beetles (Coleoptera, Cerambycidae) of the Ukraine. I. K. Zahaikevych Nauk zap Nauk pryrod muz AN URSR 9 52-60 '61

UKRAINE—BOOKSELLERS AND BOOKSELLING
Bookstores share their experiences. P. Lovanin. Kn. knizh torg. 15 no 2 26-27 F '62

UKRAINE—BOTANY, MEDICAL
Medicinal plants found in the river valleys of the left-bank Ukrainian forest-steppe. D. S. Ivashin Bot zh 47 no. 1:123-126 Ja '62.

UKRAINE—BULGARIAN STUDIES
Ukrainian studies in the field of Bulgarian history P. M Kalenychenko Ukr. ist. zhur. 6 no 1 107-113 Ja F '62

UKRAINE—CASTOR-OIL PLANT
Cultivation of the castor-oil plant in the Ukraine V. K Ivanov. Zemledelie 24 no 1 50-53 Ja '62

UKRAINE—CITY PLANNING
Location of boarding schools in the plan of a city. N Ia. I. Fomin Strol i arkhit. 9 no. 12:3-5 D '61
Principal problems of a method of determining the size of towns [with summary in English, p. 73]. V. I Artemchuk. Visnyk ABIA URSR no. 4:3-6 '61

UKRAINE—COAL MINES AND MINING
Tasks of the Ukrainian coal mining industry in 1962 Ugol' Ukr. 6 no. 1:1-4 Ja '62.

UKRAINE—COAL PREPARATION
Conference of coal preparation IE. F. Kuznetsov. Ugol' Ukr. 6 no. 7:47-48 F '62.

UKRAINE—COLLECTIVE FARMS
Kavun, V. M. [Great stride of the seven-year plan in a collective farm] Shyrokyi krok semyrichky kolhospu. Kyiv, derzh. vyd-vo sil's'kohospodars'koi lit-ry, 100 p.
(DA)

UKRAINE—COLLECTIVE FARMS—FINANCE
Evdokimov, A. A. [Indivisible funds of collective farms in the Ukraine] Nepodil'ni fondi kolhospiv Ukrainy. Kyiv, Derzh. vyd-vo sil's'kohospodarn'oi lit-ry Ukrains'koi RSR, 1959. 116 p.
(DA)

UKRAINE—COLLECTIVE FARMS—INTERFARM CO-OPERATION
Raise the responsibility of interconnective farm organizations for overestimating output. P. Matveev Den' kred. 20 no. 2:61-62 F '62.

UKRAINE—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK
[Ideological work has been improved again; how Ukrainian party organizations have carried out the decisions of the Central Committee of the CPSU "Present day tasks of party propaganda."] Ideologichna robota partiinykh pidnesennia; z dosvidu roboty parterganizatsii respub. po vykonanniu postanovy TsK KPRS "Pro zavdannia partiinoi propagandy v suchasnykh umovakh." Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1961. 324 p.
Let's develop the initiative of local party organizations. A. Gaevoi Part zhizn' no. 6 9-16 Mr '62

UKRAINE—COMMUNIST YOUTH LEAGUE
[We are with you, our party!] Z tobolu, partiia nas. Vyd-vo TsK LKSMU "Molod'," 1961. 196 p.

UKRAINE—CONSTRUCTION INDUSTRY
Build the year around. Stil' bud. 11 no 12 1-2 D '61
Construction and arranging the layout of large areas [in the administration of district departments of "tekhnika."] IE. Dibner. Stil' bud. 11 no 12 5 D '61
In the Presidium of the Academy of Construction and Architecture of the Ukrainian S. S. R. Visnyk AABA URSR no. 4:70 '61.
In the villages and on the collective farms of the Ukraine Stil' bud. 11 no 12-22 D '61.
New tasks of the state construction offices of the Union Republics. V. Mikhailov. Ekon. stroi no 2 17-24 F '62.
We introduce advanced methods of construction Stil' bud. 11 no. 12 15-16 D '61.
Winners of the socialist competition among rural construction workers. Stil' bud. 11 no. 12:21 D '61

UKRAINE—CORN (MAIZE)
Dolyniuk, IE. O. [In the campaign for large-scale sowing of corn] U pokhid za velyku kukurudzu. Lviv, Kamenno-zhurnal'ne vyd-vo, 1961. 50 p.
(DA)
Economic effectiveness of the comprehensive mechanization of corn cultivation. V. Mel'nichenko. Ekon sil Ukr. no. 3:19-28 My-Je '61.

UKRAINE—COTTAGE INDUSTRIES

Village industries in the Ukraine from the 16th to the first half of the 17th century. I. D. Boiko. Ukr. ist. zhur. 6 no. 1:57-66 Ja-F '62.

UKRAINE—CRIMINAL JUSTICE, ADMINISTRATION OF

Decisions of the Supreme Court of the Ukrainian S. S. R. Rad. pravo no. 1:147-152 Ja-F '62.

Plenary session of the Supreme Court of the Ukrainian S. S. R. O. Kukhar. Rad. pravo no. 1:107-110 Ja-F '62.

UKRAINE—CRIMINAL LAW

Ukraine. Law, statutes, etc. [Criminal code of the Ukrainian S. S. R.] Ugolovnyi kodeks Ukrainskoi SSR. Kiev, Gos. izd-vo polit. lit-ry USSR, 1961. 132 p.

UKRAINE—CULTURE

Ukraine. TSentral'nyi gosudarstvennyi arkhiv Oktiabr'skoi i revoliutsii i sotsialisticheskogo stroitel'stva [Cultural development in the Ukrainian S. S. R.; the most important decisions of the Communist Party and the Soviet Government, 1917-1960. Collection of documents in two volumes] Kul'turne budivnytstvo v Ukrains'kii RSR, naivazhlyvishi rishennia Komunistychnoi partii i Radians'koho uriadu, 1917-1960 rr. Zbirnyk dokumentiv v dvokh tomakh. Kyiv, Derzh. vyd-vo polit. lit-ry URSR.
Vol. 2 [June 1941-1960] Chervon' 1941-1960 rr. 1961. 602 p.

UKRAINE—DECORATION AND ORNAMENT, ARCHITECTURAL

Samoilovych, V. P. [Folk art in the architecture of rural dwellings] Narodna tvorchist' v arkhitekturi sil's'koho zhytla. Kyiv, Derzh. vyd-vo lit-ry z budivnytstva i arkhitektury URSR, 1961. 229 p. illus.

UKRAINE—DROUGHTS

Results of agrometeorological observations during dry winds. I. E. Buchinskii, M. N. Kopachevskaia, E. N. Matiushenko. Trudy UkrNIGMI no. 29:38-49 '61.

UKRAINE—EARTHMOVING MACHINERY

Unique earthmoving machinery. O. Hryhor'iev. Nauka i zhyttia 11 no. 12:27 D '61.

UKRAINE—ECONOMIC CONDITIONS

Economic progress of the Ukrainian S. S. R. E. Dolgopolov. Ekon. Sov. Ukr. no. 9:113-115 My-Je '61.

"We march toward communism." Reviewed by P. Vasylenko. Ukraina no. 5:22 Mr '62.

UKRAINE—ECONOMIC RESEARCH

Research of Ukrainian economists. A. A. Nesterenko. Vest. AN SSSR 32 no. 2:62-66 F '62.

UKRAINE—EDUCATION, COOPERATIVE

School and production. L. Cherkashin. Ekon. Sov. Ukr. no. 3:53-58 My-Je '61.

Shvetsov, K. I. [School and industry] Shkola i vyrobnytstvo. Kyiv, 1961. 43 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 0, no. 11)

Vinnichenko, I. A. [Educational work in classes with industrial training; from the work practice of schools in the Ukrainian S. S. R.] Vospitatel'naia rabota v klassakh s proizvodstvennym obucheniem; iz opyta raboty shkol Ukrainskoi SSR. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 97 p.

UKRAINE—ELECTRIC GENERATORS

Electric "wind." O. Hrynin. Znan. ta pratsia no. 2:12-14 F '62.

UKRAINE—ENGINEERING GEOLOGY—CONGRESSES

Ukrainskoe gidrogeologicheskoe soveshchanie. Ist. [Transactions of the First Ukrainian Hydrogeological Conference] Trudy. Kiev, Izd-vo Akad. nauk USSR.
Vol. 2. [Problems of engineering geology] Voprosy inzhenernoi geologii. 1961. 174 p.

UKRAINE—FARMHOUSES

Samoilovych, V. P. [Folk art in the architecture of rural dwellings] Narodna tvorchist' v arkhitekturi sil's'koho zhytla. Kyiv, Derzh. vyd-vo lit-ry z budivnytstva i arkhitektury URSR, 1961. 229 p. illus.

UKRAINE—FIELD CROPS

Utilization of nonedible plants in the Ukrainian S. S. R. M. Dudkin. Ekon. Sov. Ukr. no. 3:29-35 My-Je '61.

UKRAINE—FLOODS

Investigating the frequency of floods resulting from rain. E. G. Blokhinov. Trudy Gidroproekta no. 4:78-113 '60.

UKRAINE—FOUNDATIONS

Construction of large-panel apartment houses on settling soil. A. Strutinskii. Zhil. stroi. no. 12:18-19 '61.

UKRAINE—GEOLOGY, STRUCTURAL

Basic characteristics of the geotectonic regime in the Lower Cretaceous in the Ukrainian S. S. R. and Moldavian S. S. R. O. K. Kaptarenko-Chernousova, V. V. Permiakov. Geol. zhur. 22 no. 1:109-112 '62.

UKRAINE—GEOPHYSICAL RESEARCH

"International Geophysical Year, information bulletin no. 3." Reviewed by E. I. Antoniuk. Dop. AN URSR no. 1:138-139 '62.

UKRAINE—GERMANIUM

Germanium in rocks of the northwestern part of the Ukrainian crystalline shield [with summary in English] B. F. Mitskevych. Dop. AN URSR no. 1:82-85 '62.

UKRAINE—GRANITIZATION

Granitization of rocks in the Orekhov-Pavlograd region of magnetic anomalies. L. R. Kazakov. Geol. zhur. 21 no. 6:89-97 '61.

UKRAINE—GUMS—DISEASES

Occurrence of caries and pyorrhea alveolaris in certain region of the Ukrainian S. S. R. N. V. Maslenkova. Probl. stom. 5:367-371 '60.

UKRAINE—GYMNASTICS

[Competitive gymnastics in the Ukraine] Sportivna gimnastyka na Ukraini. [Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry URSR, 1961] 1 v. (chiefly illus.)

UKRAINE—HISTORICAL RESEARCH

A conference on problems concerning auxiliary historical areas. V. H. Boiko. Ukr. ist. zhur. 6 no. 2:148-149 Mr-Ap '62.

Defense of dissertations for the degree of Candidate of Historical Science. I. Sh., O. Shch. Ukr. ist. zhur. 6 no. 2:150-152 Mr-Ap '62.

Defense of doctoral dissertations. I. M. Markovych, O. S. Borysenko, I. S. Slabiieiev. Ukr. ist. zhur. 6 no. 1:157-158 Ja-F '62.

UKRAINE—HISTORY

The "Malaia Rossia Agency" of the Russian state in the second half of the 17th and the early 18th century" by K. A. Safronenko. Reviewed by I. Pashchuk, V. Kul'chyts'kyi. Rad. pravo no. 1:161-163 Ja-F '62.

"Zaporogian Host in the struggle against the aggression of the Turks and Tatars, from 1650 to 1660" by O. M. Apanovych. Reviewed by K. I. Stetsiuk. Ukr. ist. zhur. 6 no. 1:137-138 Ja-F '62.

Zybachyns'kyi, Orest. [Integral revolution] Integral'na revoliutsiia. [Munich] 1960. 342 p.
(IU)

UKRAINE—HISTORY—AUDIO-VISUAL AIDS

Visual aids for the course on the history of the Ukrainian S. S. R. N. M. Minzberg, P. S. Fedorenko. Rad. shk. 40 no. 2:82-86 F '62.

UKRAINE—HISTORY—PERIODICALS

Conferences of our readers in Kharkov. O. O. Kucher. Ukr. ist. zhur. 6 no. 2:155-156 Mr-Ap '62.

UKRAINE—HISTORY—SOURCES

The census of 1765-1769 in the left-bank Ukraine as a source for studying its social and economic history. I. S. Koval's'kyi. Ukr. ist. zhur. 6 no. 2:97-101 Mr-Ap '62.

Documentary materials on the history of the Great October Socialist Revolution and the civil war in the Ukraine. A. I. Grinberg. Ukr. ist. zhur. 6 no. 1:103-107 Ja-F '62.

UKRAINE—HORSE CHESTNUT

Horse chestnut (Aesculus L.) in the Ukraine. M. P. Voloshin. Biul. Glav. bot. sada no. 44:28-31 '61.

UKRAINE—HYDROELECTRIC POWER STATIONS

Automatic machinery on river dams. S. Puchkov. Ukraina no. 5:8 Mr '62.

UKRAINE—ICE

Distribution of glaze over the territory of the Ukraine. A. N. Raevskii. Trudy UkrNIGMI no. 29:50-62 '61.

UKRAINE—INDUSTRIAL MANAGEMENT

Strengthening the effort for a rational utilization of material resources. P. Domashenko. Ekon. Sov. Ukr. no. 3:46-52 My-Je '61.

UKRAINE—INDUSTRIAL ORGANIZATION

Reorganization of the administration of Ukrainian industry in the first years of the New Economic Policy. V. I. IAnenko. Ukr. ist. zhur. 6 no. 1:46-57 Ja-F '62.

UKRAINE—INDUSTRIES

Village industries in the Ukraine from the 16th to the first half of the 17th century. I. D. Boiko. Ukr. ist. zhur. 6 no. 1:57-66 Ja-F '62.

UKRAINE—INVESTMENTS, AMERICAN

Penetration of American capital into the economy of the southern Ukraine, from 1914 to October 1917. S. I. Appatov. Ukr. ist. zhur. 6 no. 2:73-78 Mr-Ap '62.

UKRAINE—IRON ORES

New stage in the study of iron-ore formations of the Soviet Ukraine. E. K. Lazarenko, L. G. Tkachuk. Min. sbor. no. 14:391-394 '60.

UKRAINE—KIMBERLITE

Diamonds and prospects for finding kimberlites in the Ukraine. V. O. Ruzhyts'kyi. Geol. zhur. 21 no. 6:24-35 '61.

UKRAINE—LABOR AND LABORING CLASSES

Coordinating the study of the history of Ukrainian workers. S. M. Shapoval. Ukr. ist. zhur. 6 no. 2:148 Mr-Ap '62.

Hora, O. T. [Labor contribution of the Ukrainian people to the building of socialism] Trudovyi vklad ukrains'koho narodu v pobudovu komunizmu. Kyiv, 1961. 47 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 1, no. 24)

How the newspaper "Pravda" covered the Ukrainian labor movement in 1912-1914. V. H. Sarbei. Ukr. ist. zhur. 6 no. 2:35-45 Mr-Ap '62.

Restoration of the Ukrainian labor reserve in 1921-1925. V. IE. Loburets'. Ukr. ist. zhur. 6 no. 2:65-73 Mr-Ap '62.

The role of "Iskra," a newspaper published by Lenin, in the political education of Ukrainian workers. D. M. Shcherbakov. Pratsi Od. un-tu. 150. Ser. susp. nauk no. 3:179-190 '60.

UKRAINE—LABOR COURTS

The work of fellow workers' courts. M. Danchenko, H. Kulyk. Rad. pravo no. 1:88-91 Ja-F '62.

UKRAINE—LANGUAGES—STUDY AND TEACHING

Varieties of independent work of students in classes. I. V. Korunets'. Rad. shk. 40 no. 2:66-69 F '62.

Work on foreign language sentences in primary grades. IU. I. Kovalenko. Rad. shk. 40 no. 2:68-70 F '62.

UKRAINE—LAW

Recent legislative enactments. Rad. pravo no. 1:156-160 Ja-F '62.

UKRAINE—LAW—CASES

Decisions of the Supreme Court of the Ukrainian S. S. R. Rad. pravo no. 1:147-152 Ja-F '62.

UKRAINE—LEGAL RESEARCH

Brief news. Rad. pravo no. 1:164-171 Ja-F '62.

UKRAINE—LOW TEMPERATURE RESEARCH

Physics of cold is on the agenda. V. Mykh. Znan. ta pratsia no. 2:8 F '62.

UKRAINE—MACHINERY, AUTOMATIC

Automatic machines obey our orders. A. Boichuk. Ukraina no. 4:12 F '62.

UKRAINE—MANGANESE ORES

Epochs of manganese ore formation in the geologic history of the Ukraine. IE. F. Shnitkov. Geol. zhur. 21 no. 6:83-89 '61.

UKRAINE—MATHEMATICS—STUDY AND TEACHING

Experiment should be continued. I. E. Radchenko. Rad. shk. 40 no. 2:74 F '62.

We are working according to the new method. S. I. Khazin. Rad. shk. 40 no. 2:71-72 F '62.

We cannot agree. IU. M. Bol'shan. Rad. shk. 40 no. 2:73-74 F '62.

UKRAINE—MENINGITIS

Preliminary results of studying natural foci of lymphocytic choriomeningitis in the western. A. I. Vigovskii, A. V. Gutsevich. Dokl. AN SSSR 140 no. 5:1223-1225 O '61.

UKRAINE—MICROPALEONTOLOGY—CONGRESSES

Colloquium on the microfauna of Maikop sediments and their analogues in the Ukraine and Central Asia. I. V. Venglins'kyi. Geol. zhur. 22 no. 1:114-115 '62.

UKRAINE—MINERALOGICAL SOCIETIES

At the Ukrainian Branch of the All-Union Mineralogical Society. IU. P. Mel'nik. Geol. zhur. 22 no. 1:114 '62.

UKRAINE—MINERALOGY

"Materials on the mineralogy of the Ukraine"; reviewed by E. K. Lazarenko, M. M. Slivko. Min. sbor. no. 14:386-390 '60.

UKRAINE—MINERALOGY—BIBLIOGRAPHY

Literature on the mineralogy of the Ukraine for 1959. F. F. Maksimenko. Min. sbor. no. 14:444-470 '60.

UKRAINE—MOSSES

Genus Dicranella of the bryoflora of the Ukrainian S. S. R. K. O. Ulychna. Nauk. zap. Nauk.-pryrod. muz. AN URSR 9:140-153 '61.

UKRAINE—NATURAL RESOURCES—RESEARCH

Changes in the structure of the Council for the Study of the Productive Forces of the Ukrainian S. S. R. at the Academy of Sciences of the Ukrainian S. S. R. Dop. AN URSR no. 2:262-263 '62.

UKRAINE—NATURE STUDY

December. V. Parkhomenko. Nauka i zhyttia 11 no. 12:52 D '61.

UKRAINE—ORE DEPOSITS

Orekhov-Pavlograd ore belt; metallogenic characteristics. H. I. Kalinichev. Geol. zhur. 21 no. 6:36-43 '61

UKRAINE—PEASANT UPRISINGS

Leninist ideas of the transformation of imperialist war into civil war; based on the materials of the peasant unrest in the southern Ukraine in 1914-1917. IE. V. Syzonenko. Pratsi Od. un. 150. Ser. susp. nauk no. 3: 270-281 '60.

Origin of the names of the Ukrainian guerrillas who fought against feudal oppression. V. V. Hrabovets'kyi. Ukr. ist. zhur. 6 no. 2:113-118 Mr-Ap '62.

UKRAINE—PHYSICAL GEOGRAPHY

Chyzhov, M. P. [The forest-and-steppe region in the Ukraine, a physicogeographical study] Ukrains'kyi lisostep; fiziko-geografichnyi narys. Kyiv, Derzh. uchbovo-pedagog. vyd-vo 'Radians'ka shkola,' 1961. 203 p.

UKRAINE—POLITICS AND GOVERNMENT

Participation of the Soviet public in the work of the State Control Committee attached to the Council of Ministers of the Ukrainian S. S. R. I. Kashkevych, V. Marchuk. Rad. pravo no. 1:81-85 Ja-F '62.

Zybachyns'kyi, O. est. [Integral revolution] Integral'na revoliutsiia. [Munich] 1960. 342 p.
(IU)

UKRAINE—POTATOES

Favorov, O. M., and M. S. Kolotukha. [Practices of growing potatoes in the Ukraine] Dosvid vyroshchuvannia kartopli na Ukraini. Kyiv, 1961. 42 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 6, no. 23)

UKRAINE—POULTRY HOUSES AND EQUIPMENT

Goose farm with mechanization and automation of the production processes. V. Zhoga. Sil' bud. 11 no. 12: 16-18 D '61.

UKRAINE—PRECIPITATION (METEOROLOGY)

Applying the topological properties of isoline systems to the study of secular variations of precipitation. N. I. Guk. Trudy UkrNIGMI no. 29: 19-30 '61.

Methods of investigating secular fluctuations of precipitation. I. E. Buchinskii. Trudy UkrNIGMI no. 29: 3-18 '61.

UKRAINE—PROSPECTING

Results of and further trends in geological prospecting for oil and gas. I. P. Klitochenko. Geol. zhur. 22 no. 1: 3-13 '62.

UKRAINE—Q FEVER

Q fever in some regions of the Ukrainian S. S. R.; clinical and laboratory data. B. G. Zatulovskii, V. I. Bondarenko, N. P. Kutomanova. Vrach. delo no. 1: 126-130 Ja '62.

UKRAINE—RABBIT FUR

Differential purchasing prices are needed for rabbit skins. B. Berestovetskii. Mias. ind. SSSR 32 no. 6: 45 '61.

UKRAINE—REGIONAL PLANNING

Attract a broad selection of local active participants to plan rural districts. G. Deleur. Sil'. bud. 11 no. 12: 8-10 D '61.

UKRAINE—RELATIONS (GENERAL) WITH FOREIGN COUNTRIES

Contacts of the Institute of History of the Academy of Sciences of the Ukrainian S. S. R. with foreign countries, 1960-1961. H. P. Kravchenko. Ukr. ist. zhur. 6 no. 2: 153-154 Mr-Ap '62.

UKRAINE—RESEARCH

Measures for improving the coordination of research on the most important problems. Dop. AN URSR no. 1: 131-134 '62.

UKRAINE—RETAIL TRADE

More attention should be given to the development of the material and technical basis of trade. M. Saltykov. Ekon. Sov. Ukr. no. 3: 36-39 My-Je '61.

UKRAINE—REVOLUTION, 1917-1921

Documentary materials on the history of the Great October Socialist Revolution and the civil war in the Ukraine. A. I. Grinberg. Ukr. ist. zhur. 6 no. 1, 103-107 Ja-F '62.

Dubyns'kyi, I. V., and H. M. Shevchuk. [The Red Cossacks; a historical study] Chervone kozatstvo, istorychnyi narys. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1961. 160 p.

Dubinskii, I. V. [Trumpeters summon to arms] Trubachi trubiat trevogu. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 302 p. (Voennye memuary)

V. I. Lenin and some problems of cultural development in the Soviet Ukraine during the civil war, 1918-1920. P. I. Vorobei. Pratsi Od. un. 150. Ser. susp. nauk no. 3: 307-316 '60.

V. I. Lenin on the role of Ukrainian peasants in the defeat of the foreign and local counterrevolution in 1918-1920. P. S. Stolier. Pratsi Od. un. 150. Ser. susp. nauk no. 3: 296-306 '60.

Work of the All-Ukrainian Revolutionary Committee, from December 11, 1918 to February 19, 1920. M. S. Pavliuk. Ukr. ist. zhur. 6 no. 2: 102-106 Mr-Ap '62.

UKRAINE—ROOFING, CONCRETE

Slab for a ventilated built-up roof manufactured by a streamlined assembly method. F. A. IEzhel', N. L. Bochkova'ka. Visnyk ABIA URSR no. 4: 64-65 '61.

UKRAINE—RURAL CONDITIONS

"Our Ukrainian villages" by Dmytro Pryliuk. Reviewed by M. Ravliuk. Ukraina no. 1: 20 F '62.

UKRAINE—RURAL ELECTRIFICATION

Reinforced concrete braces and poles for electrification of the villages of the Ukraine. Sil' bud. 11 no. 12: 4 D '61.

UKRAINE—RUSSIAN SOCIAL DEMOCRATIC PARTY

"Dissemination of Marxist ideas and the establishment of first Marxist organizations in the Ukraine" by I. Ivanov-Pot'ezhkin. Reviewed by I. I. Shevchenko, T. A. Ananenko. Ukr. ist. zhur. 6 no. 1: 134-135 Ja-F '62.

UKRAINE—SLAVIC STUDIES

The Fourth Ukrainian Conference of Slavists. F. L. Gol'din. Ukr. ist. zhur. 6 no. 1: 156-157 Ja-F '62.

UKRAINE—SOCIAL GROUP WORK

Great power. R. Babilichuk. Sov. deput. trud. no. 2: 61-64 F '62.

How we raised the cultural level and communist consciousness of Ukrainian collective farmers, 1953-1961. V. S. Petrienko. Ukr. ist. zhur. 6 no. 1: 16-25 Ja-F '62.

UKRAINE—SOIL CONSERVATION

Skorodumov, O. S., V. O. Pastushenko, and V. N. Dunaievs'kyi. [Soil erosion and its control] Erozilla hruntiv i borot'ba z neiu. Kyiv, Vyd-vo Ukrains'koi akad. sil'skohospodars'kykh nauk, 1961. 235 p.
(DA)

UKRAINE—SOLAR RADIATION

Distribution of total radiation over the Ukraine and Moldavia. N. I. Gotsa. Trudy UkrNIGMI no. 26: 11-28 '61.

UKRAINE—SOLAR WATER HEATERS

Efficiency of the use of solar water heaters in the national economy of the Ukrainian S. S. R. S. U. Landsman, S. P. Sushon. Zbir. prats'. Inst. tepl. AN URSR no. 23: 92-99 '61.

UKRAINE—STUDENT TEACHING

Important stage in the professional training of mathematics teachers. P. M. Glushkov, V. M. Petrov. Rad. shk. 40 no. 2: 78-81 F '62.

UKRAINE—SUGAR INDUSTRY

[Sugar industry of the Ukraine] TSukrova promyslovist' Ukrainy. Kyiv, Derzh. vyd-vo tekhn. lit-ry URSR, 1960. 1 v.

UKRAINE—TAXODIACEAE

Common bald cypress in the "Sofievka" Dendrological Park. M. L. Reva. Biul. Glav. bot. sada no. 43: 19-22 '61.

UKRAINE—TECHNICAL EDUCATION

How we carried out Lenin's idea of the education of engineers and technicians in the Ukraine during the first five-year plan. V. N. Romaniuk. Pratsi Od. un. 150. Ser. susp. nauk no. 3: 334-346 '60.

UKRAINE—TECHNOLOGICAL INNOVATIONS

Across our homeland. Znan. ta pratsia no. 2: 14-15 F '62.

Credit and technological progress. P. Verba. Fkon. Sov. Ukr. no. 3: 40-45 My-Je '61.

UKRAINE—TEETH—DISEASES

Occurrence of caries and pyorrhea alveolaris in certain regions of the Ukrainian S. S. R. N. V. Maslenkova. Probl. stom. 5: 367-371 '60.

UKRAINE—THEATER

Datsenko, B. IE. [The theater and our times] Teatr i suchasnist'. Kiev, 1961. 47 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 6, no. 22)

UKRAINE—TRADE UNIONS

"Ukrainian trade unions after the victory of the Great October Revolution by O. Slutskii, V. Sidorenko. Reviewed by F. P. Ostapenko, P. K. Stoian. Ukr. ist. zhur. 6 no. 1, 121-123 Ja-F '62.

UKRAINE—TRANSPORTATION, AUTOMOTIVE

Highway transport workers of the Ukraine are facing new objectives. I. Bratchenko. Avt. transp. 40 no. 2: 1-3 F '62.

UKRAINE—UNIVERSITIES AND COLLEGES—GRADUATE WORK

Measures for improving the training of scientists and pedagogues. Dop. AN URSR no. 2: 261-262 '62.

Results of the admission of post-graduate students. Dop. AN URSR no. 1: 134-135 '62.

UKRAINE—VETERINARY PARASITOLOGY

"Methods of studying the parasitological [illegible] control of parasitoses in farm animal[illegible]. O. P. Kulakiva'ka. Dop. AN URSR no. [illegible]

UKRAINE—VISITORS, CUBAN

Cubans in the Ukraine. L. Levit, S. [illegible] no. 1: 26-27 F '62.

UKRAINE—WATER RESOURCES DEVELOPMENT

K[illegible]

UKRAINE—WOMEN

Knysh, Ilena. [Women yesterday and today] vchora i s'ohodni, vybrani statti. Winnipeg, [illegible] avtorky, 1958. 198 p.
(IU)

UKRAINE—WOMEN IN PUBLIC LIFE

"In battles and at work; stories of Ukrainian [illegible]. Reviewed by Zh. P. Tymchenko, M. I. [illegible] ist. zhur. 6 no. 1: 133-134 Ja-F '62.

UKRAINE, WESTERN—CATHOLIC CHURCH

The servants of oppressors. I. Kravets', [illegible] ateist no. 2: 56-57 F '62.

UKRAINE, WESTERN—ECONOMIC CONDITIONS

"The building of socialism in the western [illegible] the Ukrainian S. S. R." by I. Bohodyst [illegible] M. K. Ivasiuta. Ukr. ist. zhur. 6 no. 1: [illegible] '62.

UKRAINE, WESTERN—FERTILIZERS AND [illegible]

Khomenko, O. D. [Local fertilizer [illegible] ern regions of the Ukraine and their utilization] stsevi resursy dobryv zakhidnykh [illegible] vykorystannia. Za redaktsiieiu P. A. Vla[illegible] Vyd-vo Ukrains'koi akad. sil'skohospodar[illegible] 1961. 231 p.
(DA)

UKRAINE, WESTERN—HISTORY

V. I. Lenin and the revolutionary and liberation [illegible] in the Western Ukraine in 1917-1920. [illegible] riva'ka. Pratsi Od. un. 150. Ser. susp. [illegible] 319-333 '60.

UKRAINE, WESTERN—INSECTS, INJURIOUS [illegible] FICIAL

Materials concerning the injurious insects [illegible] of the Western Ukraine. V. I. Zdun[illegible] pryrod. muz. AN URSR 9: 45-51 '61.

UKRAINE, WESTERN—MINERALOGY

A general mineralogical outline of the western [illegible] in the Ukrainian S. S. R. [with summary] pp. 488-490]. P. K. Lazarenko. Min. [illegible] 255 '60.

UKRAINE, WESTERN—SOCIAL GROUP WORK

Role of the party organizations of West[illegible] the development of patronage aid to [illegible] 1950. V. P. Stoliarenko. Ukr. ist. zhur. [illegible] Ja-F '62.

UKRAINE, WESTERN—TREMATODA

Larvae of trematoda of terrestrial molluscs [illegible] ern provinces of the Ukraine. V. I. Zdun[illegible] Nauk.-pryrod. muz. AN URSR 9: 35-44 '61.

UKRAINIAN COMPOSERS see Composers, Ukrainian

UKRAINIAN DRAMA (COMEDY)

A satire on the "pharaohs." Photos by B. Ilyn. Ukraina no. 3: 28-29 F '62.

UKRAINIAN EMBROIDERY see Embroidery, Ukrainian

UKRAINIAN LANGUAGE—ADVERB

Development of speech during the study of the [illegible] "Adverb." I. S. Ohiienyk. Ukr. mova v shk. no. 1: 22-30 Ja-F '62.

UKRAINIAN LANGUAGE—AUDIO-VISUAL AIDS

Use of pictures in fifth-grade language lessons. [illegible] Sasynovych. Ukr. mova v shkoli 12 [illegible] '62.

UKRAINIAN LANGUAGE—CONGRESSES

Scientific and methodological conference in [illegible] Ukr. mova v shkoli 12 no. 1: 95-96 Ja-F '62.

UKRAINIAN LANGUAGE—DICTIONARIES

Stefantsev, M. P. [Orthographic dictionary] [illegible] nyi slovnyk; posibnyk dlia uchniv pochatk[illegible] Vyd. 3. Kyiv, Radians'ka shkola, 1960. 84 p.
(NNC)

UKRAINIAN LANGUAGE—GRAMMAR, COMPARATIVE—RUSSIAN

Baimut, T. V., and others. [Comparative [illegible] Ukrainian and Russian languages] Porivnial'na [illegible] matyka ukrains'koi i rosiis'koi mov, pliu[illegible] dlia pedagogichnykh instytutiv. Vyd. 2, [illegible] i dopovnene. Kyiv, Derzh. uchbovo-pedagog. [illegible] 'Radians'ka shkola,' 1961. 267 p.

UKRAINIAN LANGUAGE—ORTHOGRAPHY

Orthography of compound adjectives and participles. I. O. Kadomtseva, O. I. Biloded Ukr. mova v shkoli 12 no. 1,78-80 Ja-F '60

Stefantsev, M. P. [Orthographic dictionary] Orfografichnyi slovnyk; posibnyi dlia uchniv pochatkovoi shkoly. Vyd. 3 Kyiv, Radians'ka shkola, 1960 84 p. (NNC)

UKRAINIAN LANGUAGE—PERIODICALS

Discussing our periodical. Ukr. mova v shkoli 12 no. 1: 66, 3 of cover Ja-F '62

Readers conferences in Lutsk, Gorokhov and Novovolynsk Ukr. mova v shkoli 12 no 1:92-95 Ja-F '62

UKRAINIAN LANGUAGE—PREPOSITIONS

Kolodiazhnyi, A. S. [The preposition; lecture materials for a course in the modern Ukrainian literary language] Prilinovnyk; materialy do lektsii z kursu suchasnoi ukrains'koi literaturnoi movy Khar'kiv, Vyd-vo Kharkivs'koho der.zh. univ., 1960. 104 p.

UKRAINIAN LANGUAGE—STUDY AND TEACHING

Connection between a college course and school material. O. A. Zarudniuk. Ukr. mova v shkoli 12 no. 1:74-77 Ja-F '62.

Editor's mail. Ukr. mova v shkoli 12 no. 1:66-82 Ja-F '62.

Encouraging participation of students in Ukrainian language and literature lessons S. I. Zhupanin Ukr. mova v shkoli 12 no 1,50-52 Ja-F '62

Final review of language material. F. G. Savenko. Ukr. mova v shkoli 12 no 1:53-55 Ja-F '62.

Independent work of grade 5-8 students in Ukrainian language lessons G. R. Peredrii Ukr. mova v shkoli 12 no. 1:30-35 Ja-F '62

Methodological work on language in schools for working youth. G. A. Chepurnyi. Ukr. mova v shkoli 12 no. 1: 45-49 Ja-F '62

Sequence in teaching a language. I. IA. Korotun. Ukr. mova v shkoli 12 no 1,40-14 Ja-F '62

UKRAINIAN LANGUAGE—STYLE

Impersonal direct speech and free indirect speech. V. L. Rinberg. Ukr. mova v shkoli 12 no. 1:15-21 Ja-F '62

Inserted words and expressions in the Ukrainian language. I. L. Rogozin. Ukr. mova v shkoli 12 no. 1:3-10 Ja-F '62.

UKRAINIAN LANGUAGE—SYNTAX

"Ukrainian language." Part 2: Syntax for grades 7-8 of eight-year schools with instruction in the Russian language by O. M. Belinev and others. Reviewed by A. I. Perepada Ukr. mova v shkoli 12 no. 1:83-86 Ja-F '62.

UKRAINIAN LITERATURE

In the T. H. Shevchenko Institute of Literature, Academy of Sciences of the Ukrainian S. S. R. Rad. lit. 6 no. 2 151-152 Mr-Ap '62

UKRAINIAN LITERATURE—BIBLIOGRAPHY see Bibliography—Ukrainian literature

UKRAINIAN LITERATURE—HISTORY AND CRITICISM

"Atheistic bodyguards of God, the antireligious theme in Ukrainian literature" by P. Dovhaliuk. Reviewed by V. H. Antonenko Rad. lit. 6 no 2 130-133 Mr-Ap '62.

"Dynamic aesthetics" in 1961. M. M. Ostryk. Rad. lit. 6 no 2 3-28 Mr-Ap '62.

Educated by truth and beauty. K. P. Volyns'kyi. Rad. lit. 6 no 2 28-53 Mr-Ap '62

P'iatnkov, I. S. [With our people; the party spirit and national character of Soviet literature] Razom z narodom; pro partiinist' i narodnist' radians'koi literatury. Kyiv, 1961 44 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 8, no 20)

Renewal of genres. T. M. Riznychenko. Rad. lit. 6 no. 2: 54-61 Mr-Ap '62.

UKRAINIAN LITERATURE—PERIODICALS

Discussion of the periodical "Radians'ke literaturoznavstvo" at Dnepropetrovsk University. F. M. Bilets'kyi. Rad. lit. 6 no. 2:158 Mr-Ap '62

UKRAINIAN LITERATURE—STUDY AND TEACHING

"Essays on the methods of teaching Ukrainian literature" by O. R. Mazurkevych. Reviewed by V. IA. Nedil'ko Rad. lit. 6 no. 2.133-136 Mr-Ap '62.

UKRAINIAN PAINTING see Painting, Ukrainian

UKRAINIAN POETRY see subdivision under Transcarpathia

UKRAINIAN SCULPTORS see Sculptors, Ukrainian

UKRAINIAN SINGERS see Singers, Ukrainian

UKRAINIAN WIT AND HUMOR

"I wish I were a falcon" by Oleksandr Kovin'ka. Reviewed by Borys Burkatov. Ukraina no. 4:21 F '62.

UKRAINKA, LESIA, 1871-1913

"Wood song" by Lesia Ukrainka. A. A. Kaspruk. Rad. lit. 6 no. 2:107-113 Mr-Ap '62.

UKRAINKA, LESIA, 1871-1913—FILM ADAPTATIONS

A classic on the screen O. K Babyshkin Rad lit 6 no 2 111-119 Mr-Ap '62

ULAN BATOR—MANUFACTURES

Industrial combine in 1961 Sovr. Mong 6 no. 2-21 F '61

ULAN BATOR—MILK PLANTS

Ulan Bator milk combine in 1961. Sovr. Mong 6 no. 2-12-13 F '61

ULAN-UDE—RAILROADS—ROLLING STOCK

[The giant of the Buryat A. S. S. R.; historic and economic essay on the Order of Lenin Locomotive and Car Plant in Ulan-Ude] Gigant Buriatii; istoriko-ekonomicheskii ocherk Ulan-Udenskogo ordena Lenina parovozo-vagonnogo zavoda. [By] V. Beznosov i dr. Ulan-Ude, Buriatskoe knizhnoe izd-vo, 1960. 152 p.

ULCERS

Autoradiographic and histochemical investigation of neurogenous trophic ulcers in the abdominal wall of the rabbit. A. A. Zavarzin, S. I. Plotnikova. Dokl AN SSSR 140 no 5:1185-1188 O '61.

UL'IANOV, ALEKSANDR IL'ICH, 1866-1887

Aleksandr Il'ich Ul'ianov's work on the formation of segmental organs of fresh-water annelid worms IU. I Polianskii. Trudy Inst. ist. est. i tekh. 11 3-15 '61

Kanivets, V. V. Aleksandr Ul'ianov. Moskva, Izd-vo TsK VLKSM "Molodaia gvardiia," 1961. 277 p. (Zhizn' zamechatel'nykh liudei. Seriia Biografii, no. 15(329))

UL'IANOV FAMILY

Life in work and struggle. A Moleva Sem'ia i shkola 17 no. 1,12-14 Ja '62.

ULTRASONIC TESTING

Attenuation of ultrasonic waves at high frequencies in rock specimens. A. I. Levykin. Izv. AN SSSR. Ser. geofiz. no. 3 389-391 Mr '62.

Dependence of the amplitude of an ultrasonic signal on the dimensions and depth of the location of a flaw in the immersion method of detection. I. N. Ermolov, V. S. Grebennik. Zav. lab. 28 no 1,56-60 '62

Ultrasonic method for the detection of intercrystalline corrosion. N. V. Klimchenko, V. N Prikhod'ko Zav lab 28 no. 1 68-70 '62.

Ultrasonic method for the determination of the elastic constants of solids. N. V Rapp Zav lab. 28 no. 1 66-68 '62.

Ways of increasing the resolving power of ultrasonic echo-flaw detectors. D. S Shraiber, B. G Golodnev. Zav. lab 28 no 1,60-66 '62.

ULTRASONIC WAVES

Obtaining a series of electric fields with different polarity by means of ultrasonic waves and their application for the generation of electromagnetic waves I. M. Vigdorchik. Trudy KHIIT no 41:68-73 '61

Soil moisture measurement by the use of ultrasound. I. V. Pushkov Shor. rab. po gidrol no 1:123-127 '59.

ULTRASONIC WAVES—INDUSTRIAL APPLICATIONS (see also subdivision under Armenia)

Development of a method and equipment for ultrasonic flaw detection in welded joints. L. M. IAblonik Elektrosila no. 19,62 '60

Effect of ultrasonic waves on the electrodeposition of zinc. N. T. Kudriavtsev, A. M. Smirnova. Zhur prikl khim. 35 no. 2:328-334 F '62.

Mechanism of the effect of ultrasonic waves on the crystallization of metals. I. T. Teumin. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl no. 1:94-99 Ja-F '62.

Some problems in using oscillations in technological processes of the manufacture of machinery. V. N. Baranov, IU E. Zakharov. Izv. vys. ucheb. zav., mashinostr. no. 12:88-99 '61

Surface smoothness and precision of holes in ultrasonic machining. V. V. Meteikin, I. V. Meteikin. Mashinostroitel' no. 2:29-32 F '62.

Ultrasonic method of inspecting the quality of material for parts of turbines. V. S. Kravchenko Trudy LKI no. 31:65-73 '60.

Using ultrasonic waves. A. Allik, M. Volkovich. Mest. prom. i khud. promys. 3 no. 2:17 F '62.

ULTRASONIC WAVES—MEASUREMENT

Frequency characteristics of diffraction modulators of light having ferroelectric ceramic emitters of ultrasound. I. I. Adrianova. Opt. i spektr. 12 no. 1:99-105 Ja '62.

ULTRASONIC WAVES—PHYSIOLOGICAL EFFECT

Combined action of noise and ultrasonic waves in industry. Z. S. Lisichkina. Uch. zap. Mosk. nauch.-issl. inst. san. i gig. no. 7:93-100 '60.

Immunobiological properties of antigenic complexes from Mycobacterium tuberculosis [with summary in English]. A. I. Togunova, M. L. Khatenever, L. V. Zhulina. Zhur. mikrobiol., epid. i immun. 32 no. 9:116-120 S '61.

ULTRASONIC WAVES—THERAPEUTIC USE

Current data on the use of ultrasonics in the diagnosis and treatment of tumors. I. S. Landsman. Vop. onk. 7 no. 7:100-104 '61.

ULTRASONIC WELDING

Distribution of oxide films in the zone of contact during ultrasonic welding M V. Bruk Avtom svar 15 no 3 54-57 Mr '62

Effect of surface preparation methods on the quality of ultrasonic welding. B. V. Savchenko. Svar. proizv no. 3:8-11 Mr '62.

Ultrasonic welder for aluminum. IUn tekh 6 no. 2:13 '62.

ULTRASONICS

Application of ultrasonics for removing scale from heat-exchange apparatus. N. M. Khvatkov, V. F. Makienko. Koks i khim. no 6:46-49 '61

ULTRAVIOLET RAYS

Portable luminescent illuminator. IU N Efunt and others Vest otorin no 2 88-90 '62.

ULTRAVIOLET RAYS—PHYSIOLOGICAL EFFECT

Comparative study of the variability in antibiotic synthesis of various strains of Act. streptomycini under the influence of ultraviolet rays and ethyleneimine [with summary in English]. S. I. Alikhanian, E. S Morozova, S. I. Veselova Antibiotiki 6 no. 12,1055-1058 D '61

Effect of ultraviolet rays on the reproductive function of bulls. N. Bodurov, G. Georgiev. Veterinarila 39 no. 1:54-56 Ja '62.

Effect of various doses of ultraviolet rays on skin reactivity I. N. Ibragimov Med zhur. Uzb no 6:43-46 Je '60

Influence of single doses of ultraviolet radiation on the higher nervous activity of animals [with summary in English]. E. F. Al'bitskaia, A. A Krivova Zhur. vys. nerv. deiat 11 no. 4:758-762 Jl-Ag '61

Ultraviolet fluorescence excitation spectra of irradiated yeast and their brightness. N. A. Pomoshchnikova, L. S. Agroskin. Radiobiologiia 1 no. 6:838-842 '61.

ULTRAVIOLET RAYS—THERAPEUTIC USE

Treatment of blepharitis with ultraviolet rays M. V. Rataev. Voen.-med. zhur. no 8:80 Ag '61

ULU-TAU—GEOLOGY, STRUCTURAL

History of the development and spatial relationship of Paleozoic structures in the Kara-Tau and Ulu-Tau [with summary in English]. R. G. Garetskii, A. L. Knipper, V. I. Samodurov. Bhul. MOIP. Otd geol 37 no. 1:13-56 Ja-F '62.

UL'YANOV PROVINCE—INSURANCE, SOCIAL

Community checks up. IU. Leonov. Sots. obesp. 23 no. 2:37-38 F '62.

UL'YANOVSK—MACHINE-TOOL INDUSTRY—TECHNOLOGICAL INNOVATIONS

Innovations suggested by V. V. TSekhmistrenko. V. F. Mikhailov. Mashinostroitel' no 2,3-4 F '62.

UMBELLIFERAE

Nature of the inferior ovary of Umbelliferae and some problems concerning "the theory of flower." N. V. Pervukhina. Trudy Bot. inst Ser. 7 no. 5:31-45 '62.

UMBILICUS

Ligation of the umbilical cord with the use of biomycin. S. I. Boykun, I. Kh. Khodzhaeva. Med zhur. Uzb. no. 12 65 D '61.

UMBILICUS—SURGERY

Case of eventration of Meckel's diverticulum through the umbilical ring with invagination and eventration of the loops of the small intestine through the diverticulum in a 20-day old infant. D. S. Karimov. Med zhur. Uzb. no. 2:76 F '60

UNDERDEVELO

Economically u
economy. V.
no. 3:34-40 M

UNDERDEVE
MENT

Nationalize
I. P

UND

I

UN

UN

E

UNDERWATER EXPLOSIONS

Some data on the structure of traumatic injuries in underwater explosions Z. M. Evenshtein. Voen.-med. zhur. no. 8, 60 Ag '61

UNDERWATER WELDING AND CUTTING

Certain peculiarities in the underwater burning of a welding arc. N. M. Madatov. Svar. proizv. no. 3:39-41 Mr '62

Reply to N. M. Madatov's article entitled "Certain peculiarities in the underwater burning of a welding arc." T. I. Avilov. Svar. proizv. no. 3:41-43 Mr '62

UNDERWEAR

Manufacture of chlorin knit underwear and its therapeutic use. B. Z. Nirenshtein and others. Tekst. prom. 21 no. 6:71-73 Je '61.

UNDULANT FEVER see Brucellosis

UNEMPLOYMENT INSURANCE see Insurance, Unemployment

UNGRA VALLEY—SPRINGS

Nonfreezing springs in the Ungra Valley. S. E. Sukhodol'skii. Trudy Inst. merzl. AN SSSR. 17:53-57 '61

UNIATS see Catholic Church (Byzantine rites)

UNION CATALOGS see Catalogs, Union

UNION OF SOVIET SOCIALIST REPUBLICS see Russia

UNITED ARAB REPUBLIC—INSURANCE, SOCIAL

Social insurance in the United Arab Republic. A. Zhdanov. Sots. obesp. 23 no. 2:57-60 F '62.

UNITED NATIONS

The United Nations draws the fire of western diplomats. A. Alekseev. Mezhdunar. zhizn' 9 no. 3:17-53 Mr '62.

UNITED STATES—AGRICULTURE

Development and structure of agriculture in the United States of America. Eric Bert. Ekon. sel'khoz. 32 no. 12:107-112 D '61

UNITED STATES—ARMY

Aggressive army of American imperialism. V. Vare. Voen. znan. 38 no. 1:35-36 Ja '62.

UNITED STATES—ARMY—MILITARY LIFE

Morals in American barracks. M. Gusev. Starsh.-serzh. no. 10:29 O '61

UNITED STATES—ATOMIC BOMB SHELTERS

Leave this decision to God. M. Vil'baum. Voiov. ateist. no. 2:60 F '62

UNITED STATES—ATOMIC WARFARE

New American theory of the "acceptable" nuclear war. B. Teplinskii. Nov. vrem. 20 no. 12:5-7 Mr '62.

UNITED STATES—ATOMIC WEAPONS—TESTING

Nuclear tests and Americans. Nov. vrem. 20 no. 11:4-5 Mr '62.

UNITED STATES—BENZENE

Benzene production in the U.S.A. N. Pinigin. Neftianik 7 no. 2:34 F '62.

UNITED STATES—BIBLIOGRAPHY—AUTOMATIC CONTROL

Work of American scientists in the field of automatic control (from the materials of the Joint Conferences on Automatic Control held in the period 1960-1961). Avtomatyka no. 1:85-92 '62.

UNITED STATES—BOILERS

Fuel supply networks for boiler systems with a fuel consumption capacity of 10 tons per hour. A. D. Abramovich. Prom. energ. 17 no. 3:50-53 Mr '62

UNITED STATES—BUDGET

Guns, rockets, and margarine. K. Semenov. Mezhdunar. zhizn' 9 no. 3:112-114 Mr '62.

UNITED STATES—BUTANE

News from abroad. N. B. Pinigin. Khim. i tekh. topl. i masel 7 no. 3:71 Mr '62

UNITED STATES—CIVIL WAR

[Centenary of the Civil War in the U. S. A.] K stoletiiu grazhdanskoi voiny v SShA. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 584 p.

UNITED STATES—COKE INDUSTRY

Production of coke and coke by products in the U.S. in 1959. Koks i khim. no. 1:60-62 '62.

UNITED STATES—COMMERCE

Basic problems of United States foreign trade [with English summary in appendix]. V. Naborov. Vnesh. torg. 42 no. 2:27-34 '62.

UNITED STATES—COMMUNIST PARTY

Intensification of reactionary persecutions on the American continent. IU. B. Rad. pravo no. 1:145-146 Ja-F '62.

UNITED STATES—COOPERATIVE SOCIETIES

Cooperative societies in the United States. V. Tereshchenko. Sov. potreb. koop. 6 no. 2:53-56 F '62

UNITED STATES—COTTON—DRYING

New dryer for raw cotton (from "Textile Industries," July, 1961). D. L. Aronov. Tekst. prom. 21 no. 6:81 Je '61

UNITED STATES—CRACKING PROCESS

News from abroad. N. B. Pinigin. Khim. i tekh. topl. i masel 7 no. 3:71 Mr '62

UNITED STATES—ECONOMIC CONDITIONS

American capitalism in its true colors. A. Bakumenko. Sov. profsoiuzy 18 no. 1:38-40 Ja '62

A factor which deepens the general crisis of capitalism. S. Vygodskii. Mezhdunar. zhizn' 9 no. 4:38-45 Ap '62.

What worries the Americans? Art. Shields. Mezhdunar. zhizn' 9 no. 4:70-79 Ap '62

UNITED STATES—ECONOMICS

Al'ter, L. B. [Bourgeois economics of the U. S. A. in the main stages of the development of American capitalism] Burzhuaznaia politicheskaia ekonomiia SShA; na osnovnykh etapakh razvitiia amerikanskogo kapitalizma. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 807 p.

UNITED STATES—ELECTRIC POWER

Consumption of electric power in Europe and the United States in 1960. G. V. Serbinovskii. Prom. energ. 17 no. 3:53-55 Mr '62

UNITED STATES—ELECTRIC POWER PLANTS

Thermal electric power plant with units having each a capacity of 650 Mw. A. P. Salikov. Teploenergetika. 9 no. 2:89-90 F '62.

UNITED STATES—EXHIBITIONS

For the exhibition in the U. S. A. IUn. tekh. 6 no. 2:70-71 '62.

UNITED STATES—FEEDS

Storage and distribution of silage on American farms. B. A. Runov. Mekh. i elek. sots. sel'khoz. 20 no. 1:57-59 '62

UNITED STATES—FOREIGN ECONOMIC RELATIONS—EUROPE, WESTERN

The U. S. A. and the "integration" of Europe. IU. Buzykin. Mezhdunar. zhizn' 9 no. 3:86-94 Mr '62.

UNITED STATES—FOREIGN ECONOMIC RELATIONS—LATIN AMERICA

United States policy in Latin America, 1959-1961 (to be concluded). Trinidad Martillo. Mir ekon. i mezhdunar. otn. no. 3:50-64 Mr '62.

"The voice of Latin America" [in English] by William Benton. Reviewed by IU. Eliutin. Mezhdunar. zhizn' 9 no. 4:134-137 Ap '62.

UNITED STATES—FOREIGN RELATIONS

And where are the "new frontiers?" B. Marushkin. Mezhdunar. zhizn' 9 no. 3:17-24 Mr '62

Fedorov, V. F. [The invisible empire] Nevidimaia imperiia. Moskva, Gos. izd-vo polit. lit-ry, 1961. 94 p.

"The new statecraft; foreign aid in American foreign policy" by G. Liska. Reviewed by M. Aleksandrov. Az. i Afr. seg. no. 2:60-61 F '62

No magnetic force has been discovered. L. Rovinskii. Nov. vrem. 20 no. 10:20-21 Mr '62.

The U. S. A. and the neutral countries of the East. E. Primakov. Az. i Afr. seg. no. 2:16-18 F '62.

Why the West lost the cold war. D. F. Fleming. Mezhdunar. zhizn' 9 no. 4:106-117 Ap '62.

A year of Kennedy's presidency. V. Lan. Mir. ekon. i mezhdunar. otn. no. 3:90-103 Mr '62.

UNITED STATES—FOREIGN RELATIONS—EGYPT

The U. S. A. and the Suez. A. Ermolaev. Az. i Afr. seg. no. 2:55-56 F '62.

UNITED STATES—FOREIGN RELATIONS—RUSSIA

"The cold war and its origins, 1917-1960" [in English] by D. F. Fleming. Reviewed by N. Nikolaev. Mezhdunar. zhizn' 9 no. 3:135-138 Mr '62.

UNITED STATES—FOREIGN RELATIONS—VIETNAM, SOUTH

Opposite result. Nov. vrem. 20 no. 11:3 Mr '62.

UNITED STATES—FOUNDING

Founding industry in the U. S. A. S. N. Mylko, N. I. Bychkova. Mashinostroenie no. 1:124-126 Ja-F '62.

UNITED STATES—HAY

Mechanization of hay making operations abroad. L. A. Dolgov and others. Trakt. i sel'khozmash. 32 no. 1:46-48, 3 of cover Ja '62.

UNITED STATES—INDUSTRIAL ACCIDENTS

"Industrial accidents and the standard of living of workmen in the United States" by I. T. Nazarenko. Book review. Polit. samoobr. 6 no. 2:137-141 F '62.

Nazarenko, I. T. [Industrial accidents and workers' living standards in the U. S. A.] Proizvodstvennyi travmatizm i zhiznennyi uroven' trudiashchikhsia SShA. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 216 p.

UNITED STATES—INDUSTRIAL MANAGEMENT

New tendencies in the organization of industrial management in the U. S. A. E. Aron. Mat. nauch. inform. trud i zar. plata. 5 no. 2:60-69 '62

UNITED STATES—INSURANCE, SOCIAL

Dreary workdays of the rank and file Americans. Sots. obesp. 23 no. 1:59-62 Ja '62.

UNITED STATES—INTERNAL SECURITY

"The Pugwash conferences. A staff analysis prepared for the subcommittee to investigate the administration of the internal security act and other internal security laws" [in English] Reviewed by L. Sedin. Nov. vrem. 20 no. 12:28-30 Mr '62

UNITED STATES—LABOR AND LABORING CLASS

"Industrial accidents and the standard of living of workmen in the United States" by I. T. Nazarenko. Book review. Polit. samoobr. 6 no. 2:137-141 F '62.

Nazarenko, I. T. [Industrial accidents and workers' living standards in the U. S. A.] Proizvodstvennyi travmatizm i zhiznennyi uroven' trudiashchikhsia SShA. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 216 p.

UNITED STATES—LABOR PRODUCTIVITY

Methodological problems in increasing the productivity of industrial equipment in the U. S. A. A. Golov. Mat. nauch. inform. trud i zar. plata. 5 no. 1:66-72 '62

UNITED STATES—LIBRARIES—DIRECTORIES

"American library and book trade annual." Reviewed by B. N. Bachaldin. Bibliotekoved. i bibl. za rub. no. 4:174-183 '61.

UNITED STATES—LIBRARY SCHOOLS AND TRAINING

Higher library education in the United States. T. P. Elizarenkova, A. IA. Kushal'. Bibliotekoved. i bibl. rub. no. 8:145-168 '61

UNITED STATES—LUBRICATION AND LUBRICANTS

News from abroad. N. B. Pinigin. Khim. i tekh. topl. i masel 7 no. 3:71 Mr '62

UNITED STATES—MACHINE TOOLS

New machine tools and attachments in the U. S. A. at the TSyplakov. Mashinostroenie no. 1:121-124 Ja-F '62

UNITED STATES—MAPS, TOPOGRAPHIC

Topographic and soil maps of the U. S. A. K. A. Salishchev. Izv. AN SSSR. Ser. geog. no. 1:130-143 Ja-F '62.

UNITED STATES—MEAT INDUSTRY

Meat products in the U. S. A. S. Gorodetskii. Miasn. ind. SSSR. 32 no. 6:60-61 '61

UNITED STATES—MEDICAL CARE

Thoughts on the crisis in medicine. Theodore Hoeber. Mir nauki. 5 no. 4:15-19 '61.

UNITED STATES—METALWORKING MACHINERY—MAINTENANCE AND REPAIR

Methodological problems in increasing the productivity of industrial equipment in the U. S. A. A. Golov. Mat. nauch. inform. trud i zar. plata. 5 no. 1:66-72 '62.

UNITED STATES—MILITARY POLICY

Collaboration of the dollar and the swastika. I. P. Maiorov, N. F. Golovanov. Voen. Vozd. Fl. no. 10:91-94 O '61.

"Strategy and arms control" [in English] by Thomas C. Schelling, Morton H. Halperin. Reviewed by IU. Lodin. Mezhdunar. zhizn' 9 no. 4:142-144 Ap '62.

UNITED STATES—MONOPOLIES

"Monopolies and politics of the U. S. A.; monopolies and the internal policy of the Republican Party of the U. S. A. from 1953 to 1960" by Val. Zorin. Reviewed by V. Matveev. Mir. ekon. i mezhdunar. otn. no. 3:151-154 Mr '62.

UNITED STATES—MORTGAGES

Mortgages as a means for the economic enslavement of workers in the U. S. A. B. Skorokhodov. Den. i kred. 20 no. 2:88-93 F '62.

UNITED STATES—MUSIC

American impressions. G. Vishnevskaia. Sov. muz. 26 no. 2:82-85 F '62.

UNITED STATES—NEGROES

Stages in the study of negroes in the U. S. A. William Edward Burghardt Du Bois. Vop. antr. no. 9:92-99 '61

UNITED STATES—OIL WELL DRILLING—EQUIPMENT AND SUPPLIES

Expansion bit. E. Grof. Neftianik 7 no. 2:31 F '62.

UNITED STATES—OIL WELLS—EQUIPMENT AND SUPPLIES
Sampler with transducers Neftianik 7 no.1 34 Ja '62.

UNITED STATES—OPEN-HEARTH FURNACES
Cleaning the regenerator checkers of open-hearth furnaces in foreign plants [from foreign journals]. A M Lekhtik Stal' 22 no 2 126-127 F '62

UNITED STATES—PETROLEUM PRODUCTS
Growth of benzol, naphthalene and orthoxylene production in the petroleum refining industry of the United States (from "Chemical Engineering," 67, no 21, 1960) Koks i khim no 6,61 '61

UNITED STATES—PLYWOOD INDUSTRY
Technology of plywood manufacture in the U. S. A.; review (from "Holz als Roh-und Werkstoff," 1961) N. N. IAgodkin. Der. prom. 11 no 3,28-30 Mr '62

UNITED STATES—POLITICS AND GOVERNMENT
And where are the "new frontiers?" B Marshakin. Mezhdunar. zhizn' 9 no.3 17-21 Mr '62.
Crisis of imperialism and the menace of fascism. A Galkin Mezhdunar. zhizn' 9 no 4 59-69 Ap '62
"Monopolies and politics of the U S A, monopolies and the internal policy of the Republican Party of the U. S A from 1953 to 1960" by Val. Zorin. Reviewed by V. Matveev. Mir. ekon i mezhdunar. otn. no 3, 151-153 Mr '62.
The U. S. Senate; an instance of American "democracy." Mezhdunar. zhizn' 9 no 3 154-155 Mr '62
What worries the Americans? Art Shields Mezhdunar. zhizn' 9 no.4 79-79 Ap '62

UNITED STATES—POTATO DIGGER (MACHINE)
Equipment for harvesting potatoes in the United States G. D. Petrov. Trakt. i sel'khozmash. 32 no 2 43-46 F '62.

UNITED STATES—POTATOES—TRANSPORTATION
Equipment for harvesting potatoes in the United States G. D. Petrov Trakt. i sel'khozmash 32 no. 2;43-46 F '62.

UNITED STATES—PRESS
Does a free press exist in the United States? G. Ashin. Otv. na vop trud. no 6;13-50 Je '61

UNITED STATES—PRICES
Aganbegian, A. G. [The theory of monopoly prices based on the example of the U. S. A.] Voprosy teorii monopol'noi tseny na primere SShA Pod red M I. Suvorovol [Moskva] Izd-vo Mosk univ., 1961 142 p.

UNITED STATES—PROGRAMMING (ELECTRONIC COMPUTERS)
Ershov, A. P., ed. [Automation of programming; translated articles] Avtomatizatsiia programmirovaniia; sbornik perevodov. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 368 p.

UNITED STATES—PUBLIC LANDS
Struggle for the so-called public lands of the United States in the 1820's and 1830's [with summary in English, p. 100]. M. V. Demikhovskii. Nov. i noveish. ist. no. 1;112-124 '62.

UNITED STATES—PUBLIC OPINION
Nuclear tests and Americans. Nov. vrem. 20 no. 11;4-5 Mr '62.

UNITED STATES—RELATIONS (MILITARY) WITH JAPAN
Dinkevich, A. I. [Economic and military "assistance" of the U. S. A. to Japan] Ekonomicheskaia i voennaia "pomoshch' SShA IAponii. Moskva, Izd-vo vostochnoi lit-ry, 1962. 296 p.

UNITED STATES—RESEARCH
Institute of dead souls. Nov. vrem 20 no. 10,16-17 Mr '62.

UNITED STATES—RESINS, SYNTHETIC
Increased demand for polyurethan resins in the U. S. A. (from "Canadian Paint and Varnish," 35, no. 5, 1961) Der. prom. 11 no. 3;32 Mr '62.

UNITED STATES—RETAIL TRADE
Zotov, G. M. [Retail trade in the United States] Roznichnaia torgovlia v SShA. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 164 p.

UNITED STATES—ROCKETS (ORDNANCE)
Air-borne ballistic rocket. N. I. Listvin. Vest. Vozd. Fl no. 10;87-90 O '61.

UNITED STATES—SEPARATORS (MACHINES)—ATTACHMENTS
Use of a counterflow classifier in dressing with spiral separators. L. IA. Shubov. Gor. zhur. no. 12;52 D '61.

UNITED STATES—SOCIAL CONDITIONS
Train runs west. N. Lukanin. Smena 38 no. 24;18-21 D '61.
Two worlds, two democracies. Komm. Vooruzh. Sil 2 no. 4,76-78 F '62
A year of Kennedy's presidency. V. Lan. Mir ekon i mezhdunar. otn no 3;90-103 Mr '62

Zakharchenko, V. D. [Fifteen unmailed letters] Piatnadtsat' neotpravlennykh pisem [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1961. 269 p.

UNITED STATES—SOCIOLOGY
General methodological and theoretical principles of the empiricism of present-day bourgeois sociology in the U. S. A. N. V Novikov Trudy Inst. filos i prava AN Kazakh SSR 5;131-145 '61

UNITED STATES—SOILS—MAPS
Topographic and soil maps of the U. S. A K. A. Salishchev Izv. AN SSSR, Ser. geog no. 1 138-143 Ja-F '62.

UNITED STATES—SPACE VEHICLES—PROPULSION SYSTEMS
Engine of the space ship of the future. Part 2. Electrical rocket engine (as revealed by foreign press data). IU. N. Nechaev Vest Vozd. Fl no 10;76-79 O '61

UNITED STATES—SPACE WARFARE
Outer space in the war aims of the West. M. Sakharov. Mir. ekon. i mezhdunar. otn. no 3;106-109 Mr '62

UNITED STATES—STEAM TURBINES
High capacity steam turbine units with built-in rotating stand-by equipment. A. D Abramovich. Teploenergetika 9 no. 2 86-89 F '62

UNITED STATES—SURGERY
Work of some surgical clinics in the U. S. A F. G Uglov. Vest khir no 2 140-146 '62

UNITED STATES—SWIMMING
Characteristics of the training of swimmers in the U. S. A. and Japan. N M Krikunov, M. IA. Habatnikova Teor. i prak. fiz. kul't. 24 no. 12;932-934 '61

UNITED STATES—TISSUES—TRANSPLANTATION
American achievements in tissue transplantation. A. N. Studitskii. Vest. AN SSSR 32 no. 3;64-66 Mr '62

UNITED STATES—TUBES—WELDING
Argon-arc welding with tungsten electrodes of butt joints in stainless steel tubes. F B LaVelle Avtom. svar. 15 no 3 58-63 Mr '62.

UNITED STATES—UNIVERSITIES AND COLLEGES
Under the wardship of militarists. I Ivanov. Izobr. i rats no. 3 34-35 Mr '62

UNITED STATES—VOCATIONAL GUIDANCE
Vocational orientation of students in the secondary schools of the United States. Z. A. Mal'kova. Sov. pedag. 26 no. 1;119-131 Ja '62.

UNITED STATES—WOMEN
The Soviet woman is an active builder of communism. K. Solov'eva. Vest stat no 3-3-6 '62.

UNITED STATES—WOMEN—EMPLOYMENT
Increasing the exploitation of female labor in the United States. Z. Bazarian. Mir. ekon. i mezhdunar. otn no. 133-138 Mr '62.

UNITED STATES—WOOD, COMPRESSED
Using a press with gas heating for compressing aspen particle boards (from "Wood and Wood Products," December 1960). Der. prom. 11 no. 3;32 Mr '62.

UNITED STATES—WOODWORKING MACHINERY
New woodworking machinery and equipment (from "Wood and Wood Products," 66, no. 6, 1961). Der. prom. 11 no. 3;31-32 Mr '62

UNITS
International system of units. N V. Kalashnikov, L. R Stotskii. Gaz. prom 6 no. 12;52-54 '61.
International system of units. N. V. Kalashnikov, L. R. Stotskii. Khim. i tekh. topl. i masel 7 no. 3;67-70 Mr '62.
International system of units. N. V. Kalashnikov, L. R. Stotskii. Kuz.-shtam. proizv. 4 no. 2;1-4 F '62.

UNIVERSE see Cosmology

UNIVERSITIES AND COLLEGES
(see also subdivision under Moscow; United States; White Russia)
The "University Reform" of 1863. R. G. Eimontova. Ist. sap. no. 70;163-196 '61.

UNIVERSITIES AND COLLEGES—GRADUATE WORK see subdivision under Ukraine

UNJUST ENRICHMENT
Criminal responsibility for speculation. IU. Utevskii. Sov. iust. no. 4;22-23 F '62.

UNSATURATED COMPOUNDS
Polarity of the complexes of tin tetrachloride with unsaturated compounds I. P Gol'dshtein, E. N. Gur'ianova, K A Kocheshkov Zhur. ob. khim. 32 no. 1;317-310 Ja '62.
Reactions of ethyleneamides of phosphorus acids with some unsaturated acids and allylamine N P Grechkin, I. A Nuretdinov. Izv. AN SSSR, Otd khim nauk no. 2 295-296 F '62
Synthesis of bifunctional organophosphorus compounds. Report No 1 Addition of phenylphosphine to unsaturated compounds. B. A. Arbuzov, S M Vinokurova, I. A Aleksandrova Izv. AN SSSR Otd khim nauk no. 2 290-295 F '62
Synthesis of organomercuric nitro compounds. Report No 6 Mechanism of the direct addition of mercury salt of trinitromethane to the double bond. S. S. Novikov and others Izv. AN SSSR Otd khim. nauk no 2,276-281 F '62.
Synthetic study in the field of polyyne compounds. IU. B. Platnova and others. Zhur. ob. khim 32 no. 1 136-139 Ja '62.

UPHOLSTERY
Conveyer for the manufacture of upholstered furniture. IU A. Rudakov, L. F. Alekseandrova, V. A. Efremov Der prom 11 no 3;19-20 Mr '62.

UPPER ANGARA RIVER—SEALS (ANIMALS)
Migration of the Baikal hair seal into the Upper Angara River P I. Martynov Kraeved. sbor. no 6 109-110 '61

UPPER ANGARA VALLEY—RODENTIA
Rodents of the Upper Angara Valley. A G. Stupina. Kraeved sbor no. 6 102-108 '61.

URACIL
Clinical tests of the diuretic action of allacyl [with summary in English] E N Artem'ev, L O Turilanskaia Terap arkh no. 12,96-100 '61.
Effect of methylthiouracil on milk production and the function of the thyroid gland in goats. B. N. Ermolov. Fiziol zhur. 48 no. 1;86-90 Ja '62.
Mutagenic action of 5-bromuracil on Salm. typhimurium. A. G. Skavronskaia, V. N. Pokrovskii Vest. AMN SSSR 16 no. 12 84-86 '61.

URAL MOUNTAIN REGION—AGRICULTURE
Soveshchanie rabotnikov sel'skogo khoziaistva oblastei i avtonomnykh respublik Urala, Sverdlovsk, 1961. [Put the resources of the land in the service of our country] Bogatstva zemli – na sluzhbu Rodine; materialy. Moskva, Izd-vo "Sovetskaia Rossiia," 1962. 125 p. (DA)

URAL MOUNTAIN REGION—BOARDING SCHOOLS
Zonal seminar in the Buzuluk boarding school. Sov. pedag. 26 no 1;157-158 Ja '62.

URAL MOUNTAIN REGION—BOTANICAL RESEARCH
Research tasks of the Botanical Garden of the Ural Branch of the Academy of Sciences of the U. S. S. R. S. A. Mamaev. Trudy Inst. biol. UFAN SSSR no 23;3-22 '61.

URAL MOUNTAIN REGION—BOTANY
Use of aerial photography in studying the vegetation and soils in the upland of the Southern Urals. S. N. Koz'iakov. Pochvy IUzh. Urala i Povol. no. 4;77-79 '60.

URAL MOUNTAIN REGION—BRONZE AGE
A new variety of early Bronze Culture in the trans-Ural region. K. V. Sal'nikov. Krat. soob. Inst. arkheol. no. 95;3-10 '61.

URAL MOUNTAIN REGION—ELECTRIC CUTOUTS
Experience in operating oil cutouts during the winter in the Ural Mountain Region. B. M. German. Energetik 10 no. 3;8-10 Mr '62.

URAL MOUNTAIN REGION—ELECTRIC INSULATORS AND INSULATION
Prohibition of the use of P-4, 5 suspension insulators manufactured by an insulator equipment plant in the southern Ural Region. Prom. energ. 17 no. 3;59-60 Mr '62.

URAL MOUNTAIN REGION—GEOMORPHOLOGY
History of the development of landforms of the Southern Urals and the cis-Ural region in the Neocene and the Quaternary periods. G. V. Vakhrushev. Pochvy IUzh. Urala i Povol. no. 4;33-45 '60.
Main morphostructures of the central part of the Volga Valley and Ural Mountain Region. A. P. Rozhdestvenskii, IU. E. Zhurenko. Izv. AN SSSR. Ser. geog. no. 1;17-23 Ja-F '62.

URAL MOUNTAIN REGION—GLACIAL EPOCH
Glacial sediments in the Urals and adjacent areas of Polar latitudes. O. V. Suzdal'skii. Sov. geol. 5 no. 2;144-148 F '62.

URAL MOUNTAIN REGION—PINE
Natural regeneration in clearcuts of cowberry-pine forests of the northern trans-Ural region N. I. Mamonov. Nauch. zap. VLTI 23,29-34 '61.
Siberian pine in the Ural Mountain region. S. A. Zubov. Priroda 51 no. 2;108-110 F '62.

URAL MOUNTAIN REGION—PINE—VARIETIES

Intraspecific variation of the Siberian pine in the Central Urals N A Luganskii. Trudy Inst biol UFAN SSSR no. 23,89-96 '61

URAL MOUNTAIN REGION—PLANTS, ORNAMENTAL

Early flowering and leafed ornamental plants recommended for landscaping in the Central Urals Z I. Trofimova. Trudy Inst. biol UFAN SSSR no 23-51-75 '61.

URAL MOUNTAIN REGION—PROSPECTING

Oil and gas possibilities in the Ural Mountain portions of Bashkiria, Orenburg and Aktyubinsk Provinces in connection with the possible extension of Sakmara-Artinskiye reefs within the limits of this area G P. Ovanesov, P. I Khat'lanov Sov geol 5 no 2 3-16 F '62

URAL MOUNTAIN REGION—PROSPECTING—GEOPHYSICAL METHODS

Interpretation of magnetic and gravity anomalies in the Urals and trans-Ural region by logarithmic templates V A Bugaiio Trudy Inst geol i geofiz Sib otd AN SSSR no 1 147-156 '60

URAL MOUNTAIN REGION—QUARTZ

Characteristics of mineral-forming solutions based on studies of liquid inclusions in quartz [with summary in English] A E Libitsyn, S.V Malinko Geokhimiia no 9:789-795 '61

URAL MOUNTAIN REGION—REFORESTATION

Natural regeneration in clearcuts of cowberry-pine forests of the northern trans-Ural region N L Mamonov Nauch zap VLTI 23 29-31 '61.

URAL MOUNTAIN REGION—SOIL RESEARCH

Some results and tasks of soil research in the Southern Urals and the Volga region. S N Taichinov Pochvy IUzh. Urala i Povol no 4:5-14 '60

URAL MOUNTAIN REGION—SOILS

Use of aerial photography in studying the vegetation and soils in the upland of the Southern Urals S N. Kozlakov Pochvy IUzh. Urala i Povol no 1:77-79 '60.

URAL MOUNTAIN REGION—TOURISM

Moskvin, B. V. [To the icy heart of the Urals] K ledianomu serdtsu Urala Moskva, Izd-vo "Fizkul'tura i sport," 1961 79 p (Po rodnym prostoram)

URAL MOUNTAIN REGION—TRACE ELEMENTS

Characteristics of the distribution of minor elements in Sakmara-Artinskian reef massifs in the western wing of the Yurezan - Sylva Depression. A. M. Kropachev. Izv. vys. ucheb zav „geol. i razv 4 no 11:21-25 N '61

URAL MOUNTAIN REGION—WOODY PLANTS

Brief history of the introduction of woody plants in the Central Urals. I P. Petukhova Trudy Inst biol. UFAN SSSR no. 23:43-49 '61

URAL MOUNTAINS—BRACHIOPODA, FOSSIL

Some Silurian representatives of the genus Conchidium from the eastern slope of the Urals V P. Sapel'nikov. Paleont zhur. no. 3:41-50 '61

URAL MOUNTAINS—BRECCIA

Origin of mineralized breccias in some pyrite-type deposits of the Altai and the Urals. P. F Ivankin Dokl AN SSSR 142 no 2 422-424 Ja '62

URAL MOUNTAINS—ECLOGITE

Spectral absorption curves of the glaucophane from eclogites in the Southern Urals. B. V. Chesnokov Zap. Vses. min. ob-va 90 no 6:700-703 '61.

URAL MOUNTAINS—GEOCHEMICAL PROSPECTING

Glazovskaia, M. A., and others. [Geochemistry of land forms and prospecting for minerals in the Southern Urals] Geokhimiia landshaftov i poiski poleznykh iskopaemykh na IUzhnom Urale. Pod red. A. I. Perel'mana. [Moskva] Izd-vo Mosk. univ., 1961. 180 p.

URAL MOUNTAINS—GEOLOGY, STRATIGRAPHIC

Soveshchanie po [illegible]

domstvennogo soveshchaniia po razrabotke unifitsirovannykh stratigraficheskikh skhem dlia Urala. Rassmotreno i utverzhdeno Mezhvedomstvennym stratigraficheskim komitetom 9 fevralia 1961 g. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr. 1961. 50 p.

URAL MOUNTAINS—GIBBSITE

Gibbsite in Devonian bauxites of the Northern Urals. E. S. Gutkin. Zap Vses min. ob-va 90 no. 6:748-749 '61

URAL MOUNTAINS—GLAUCOPHANE

Spectral absorption curves of the glaucophane from eclogites in the Southern Urals. B. V. Chesnokov Zap. Vses. min. ob-va 90 no. 6:700-703 '61.

URAL MOUNTAINS—MAGNETIC PROSPECTING

Interpretation of magnetic anomalies in the case of variability in magnetic susceptibility of rocks A N Timofeev Trudy Inst geol. i geofiz Sib otd AN SSSR no 1 137-145 '60

URAL MOUNTAINS—MINERALOGY

Sequence of the formation of minerals in some crystal-bearing veins and characteristics of mineral-forming solutions [with summary in English on p 186]. A V Pizniur. Min sbor. no. 14,157-170 '60

URAL MOUNTAINS—MINERALS—ANALYSIS

Experience in using the dispersion method for mineral analyses in the study of the gabbro-dioritic massif in Kruglaya Mountain (Southern Urals) I E. Kuznetsov. Vest Mosk. un. Ser. 4:Geol. 17 no 1:31-35 Ja-F '62

URAL MOUNTAINS—ORE DEPOSITS

Characteristics of the distribution of copper-sulfide, titanomagnetite, and apatite mineralization in the Volkovsk deposit (Central Urals). K D Klimokhov Geol i razv mestorozh. no. 1:35-46 Ja-F '62

Characteristics of the mineral composition of ores in the Mauk deposit of the Central Urals. A. N. Fenoganov Vest Mosk. un. Ser 4:Geol. 17 no. 1 50-61 Ja-F '62

URAL MOUNTAINS—ROCKS

Determination of the types of granitoids based on accessory minerals [with summary in English on p. 488]. M. I Kurovets. Min. sbor no. 14,195-207 '60

URAL MOUNTAINS—ROCKS, CRYSTALLINE AND METAMORPHIC

The crystal creats (to be continued). A. Efremov, E. Fedorovskii Vokrug sveta no 3:29-32 Mr '61.

URAL MOUNTAINS—ROCKS, IGNEOUS

Subvolcanic bodies of basic composition among Paleozoic deposits in the Magnitogorsk synclinorium of the southern Urals. T I. Frolova, A M. Kuchavov Vest Mosk. un Ser 4:Geol 17 no. 1:40-49 Ja-F '62

URAL MOUNTAINS—SPINEL

Spinel in the titanomagnetite deposits of the Urals. V. G. Fominykh, B. A. IUnikov Zap Vses min. ob-va 90 no. 6:717-720 '61

URAL MOUNTAINS—SULFIDES

Genesis of brecciated isolated sulfides in rocks in the deposit named after the 19th Party Congress (Southern Urals). M B. Borodaevskaia, I IA Prushinskaia Geol i razv. mestorozh. no 1,63-77 Ja-F '62

URAL MOUNTAINS—TITANOMAGNETITE

Spinel in the titanomagnetite deposits of the Urals. V. G. Fominykh, B A. IUnikov. Zap. Vses. min. ob-va 90 no 6:717-720 '61

URAL VALLEY—SOILS

Soil zones of the right bank of the lower Ural River. L. I. Pachikina Izv. AN Kazakh. SSR Ser bot i pochv. no 2 41-50 '61.

URANIUM—ANALYSIS

Photometric determination of small amounts of uranium with arsenazo after the separation of hexavalent uranium with α-nitroso-β-naphthol in the presence of complexon III [with summary in English] V I. Titov, L. P. Osiko. Zhur. anal khim 17 no. 1:129-131 Ja-F '62.

Use of sodium trimetaphosphate in the luminescent method for the determination of uranium in solution [with summary in English]. T. S Dobrolubskaia, A V. Davydov, A. A. Nemodruk. Zhur anal khim 17 no. 1: 70-74 Ja-F '62.

URANIUM FLUORIDE

Fluorination of uranium tetrafluoride by chlorine trifluoride. N. S. Nikolaev, IU D Shishkov Dokl AN SSSR 143 no 1 130-132 Mr '62

URANIUM HYDRIDE—MAGNETIC PROPERTIES

Magnetic properties of the β-modification of uranium hydride and deuteride [with summary in English]. A. I. Karchevskii, E. M. Buriak. Zhur. eksp. i teor fiz 42 no. 2:375-382 F '62.

URANIUM ORES

Syromiatnikov, N. G. [Migration of uranium, radium, and thorium isotopes and interpretation of radioactive anomalies] Migratsiia izotopov urana, radiia i toriia i interpretatsiia radioaktivnykh anomalii. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1961 77 p.

URANIUM OXIDE

Feasibility of determining the oxidation degree of uranium from X-ray emission spectra. K. I. Narbutt, I. P. Laputina. Izv. AN SSSR. Ser. fiz. 26 no. 3:409-411 Mr '62.

URANYL NITRATE

Solubility of thorium, lanthanum, and cerium fluorides in uranyl nitrate solutions [with summary in English] E. N. Deichman, I. V. Tananaev. Zhur. anal. khim. 17 no. 1:134-136 Ja-F '62.

URDA REGION—REFORESTATION

Reproduction by seeds in the plantations of the Urda Forest Working Circle in West Kazakhstan Province A. M. IAkshina. Bot. zhur. 47 no 1,110-114 Ja '62

UREA

Carbamide glue resins. V. Vorobiev, IU. Lomov. Trudy Arm 5 no. 2:51-54 F '62.

Herbicides and plant growth controlling agents Part II Synthesis of some urea derivatives N N Melnikov, K. D. Shvetsova-Shilovskaia, T. S. Zakharova Zhur. obshch khim 32 no 2:381-383 F '62

Reaction of asymmetric derivatives of urea during melting with 4-chloro-3-nitrophenylalkyl(aryl)sulfones and sulfamides V. A. Lavrushchev, A. E. Kretov Zhur. obshch khim 32 no. 2,502-506 F '62

UREA—ANALYSIS

Quantitative determination of thiourea by iodatometric titration. I. L Bagbanly, I K Guseinov Dokl Akad Azerb. SSR 17 no. 12:1143-1145 '61.

UREIDES

Investigations in the field of aryl-β-amino acids. Part 2 β-Phenyl-β-ureido acids and related compounds N N Chernova, A. IA. Berlin Zhur. obshch khimii 32 no. 2, 596-599 F '62

URETERS—ABNORMITIES AND DEFORMITIES

Anomalies of the ureters in fetuses and newborns. V. I Babaeva, M S Shatov. Med. zhur. Uzb. no 7 16 '60.

URETERS—INNERVATION

Sources of ureteral innervation and their relations to the nerve plexuses of the abdominal and pelvic cavities [with summary in English]. K. S. Shevchuk. Arkh. anat. gist. embr. 40 no. 6:101-109 Je '61

URETHRA—DISEASES

Cases of urethrocele. L. Kh. Pinskii. Zdravookhranenie 4 no 6:49-50 N-D '61.

Treatment of protracted nongonorrheal urethritis. V. N Matveev, M. U. Mirsagatov. Med zhur. Uzb no 8 32-33 S '61

URETHRA—SURGERY

Case of vascular plastic surgery of the urethral canal I P. Pogorelko, L. D. Zmeiko, E. M. Khodiev. Med zhur. Uzb. no. 12 50 D '61

Formation of the penis and urethra in perineal hypospadias simulating hermaphroditism [in Azerbaijani with summary in Russian]. A. A. Nazimov. Azerb. med. zhur no. 6:65-70 Ag '61.

Repairing a defect in the posterior urethra by free plastic surgery (operative treatment of traumatic strictures of the urethra in children). A IA Dobkin. Nov. khir. arkh. no 1:50-62 Ja-F '60

URETHRANS

Dyeing of elastic foam polyurethan and the application of a printed pattern to it. Z I. Sergeeva and others Plast massy no. 2:25-27 '62.

URINARY ORGANS—SURGERY

Drainage of urinary reflux and the rational indications to this condition. A. N. Babich. Nov. khir. arkh. no 1 62-65 Ja-F '60.

Use of plastic surgery of the small intestine in surgery on the urinary tracts. A. I. Pavlov. Nov. khir. arkh. no. 1:55-59 Ja-F '60

URINARY ORGANS—TUMORS

Cysts of the urachus. A. B. Babalian. Med. zhur. Uzb. no. 11:62-63 N '61.

URINARY ORGANS—WOUNDS AND INJURIES

Treatment of lesions of the urinary tract in fractures of the pelvic bones. V. M. TSodyka. Kaz. med. zhur. no. 6:29-31 N-D '61.

URINE—ANALYSIS AND PATHOLOGY

Changes in the color sedimentation test of urine during the surgical treatment of congenital pylorostenosis in children. A. M Morgunova. Lab. delo 8 no 2:50-51 F '62.

Changes in the color sedimentation test of urine in children with severe, complicated hypotrophy during complex treatment and fully adequate nutrition. V. I. Fedistiakova. Lab. delo 8 no. 2:51 F '62.

Changes in the color sedimentation test of urine in various inflammatory suppurative processes in the lungs V. M. Shiganskaia. Lab. delo 8 no 2:50 F '62

Color sedimentation test of urine in infants with severe alimentary infections anemia. K. V. Stepanova Lab delo 8 no. 2:52 F '62.

Color sedimentation test of urine in obstetrical practice A. S. Ershova. Lab. delo 8 no. 2,49 F '62.

Some data on the make-up of the sediment in the color sedimentation test of urine. A. A. Darialashvili. Lab delo 8 no. 2,47-49 F '62.

Study of the estrogens in the daily urine of cattle. A. P. Gul', O. N. Savchenko, G. S. Stepanov. Fiziol. zhur. SSSR no. 1:91-94 Ja '62.

URINE—INCONTINENCE

Acupuncture therapy in nocturnal enuresis. IA. K. Kashmel', Zdrav Bel 7 no 6:51-52 Je '61

URINE—RETENTION

Drainage of urinary reflux and the rational indications in this condition A N Babich Nov.khir arkh no.1 62-65 Ja-F '60.

UROLOGICAL SOCIETIES see subdivision under White Russia

UROLOGY

Dukhanov, A. IA. [Pediatric urology] Urologiia detskogo vozrasta. [Leningrad] Medgiz, 1961. 254 p. (DNLM)

UROPEPSIN

Dependence of uropepsin excretion on pepsin excretion in the stomach. I. P. Smirnov. Fiziol. zhur. 48 no. 1. 82-86 Ja '62.

USHAKOV, NIKOLAI NIKOLAEVICH, 1899-

Tel'pugov, V. P. [Nikolai Ushakov; a biographic sketch] Nikolai Ushakov; kritiko-biograficheskii ocherk. Moskva, Sovetskii pisatel', 1961. 130 p (MH)

USHAKOV, SERGEI NIKOLAEVICH, 1893-

Baby's rattle and a space ship. IUrii Altanskii. Neva no 8:157-161 '61.

USHINSKII, KONSTANTIN DMITRIEVICH, 1824-1870

Hundredth anniversary of a wonderful textbook. M. Petrova. Nar. obr no 3:97-98 Mr '62.

K.D Ushinskii on physical education. G.D.Kharabuga. Sov.pedag. 26 no.2:88-95 F '62.

USOL'YE—ORE DRESSING

Separators of the Usol'ye Plant for dressing ores in heavy media. V. A. Rostov, S. A. Sizov Biul tekh. -ekon. inform. no. 1:12-14 '62

USSURI VALLEY—FUSULINIDAE, FOSSIL

Tumanskaia, O. G. [Upper Permian Fusulinidae in the southern Ussuri region] O verkhnepermskikh fuzulinidakh Ussuro-Ussuriiskogo kraia Moskva, Gos izd-vo geol. lit-ry, 1953. 56 p. (Leningrad, Vsesoiuznyi geologicheskii institut Trudy)

UST'-BUKON'—CRANIOLOGY

Anthropology of the early nomads of eastern Kazakhstan; skulls of the 5th - 4th century B C from the Ust'-Bukon' burial mound. V. V. Ginzburg. Trudy Inst etn. 71:82-97 '61.

UST'-KAMENOGORSK—CITY PLANNING

Formation of a system of civic centers in the residential districts of Ust'-Kamenogorsk. B F. Ignatov. Trudy Kazakh. fil. AS1A no. 2:35-48 '60

UST'-KAMENOGORSK—COMMUNISTS

Communists are pioneers of the new. B.Odiashvili. Part. zhizn' no.4:43-47 F '62.

UST'-KAMENOGORSK—INDUSTRIAL RELATIONS

Restless job. D. Romanov. Part. zhizn' Kazakh. 32 no. 2:36-39 F '62.

UST'-KAMENOGORSK—NONFERROUS METAL INDUSTRIES

Use of secondary power resources at the Ust'-Kamenogorsk Lead and Zinc Combine. N. A. Stoliarevskii. TSvet. met. 35 no. 2:23-26 F '62.

UST'-LABINSKAYA DISTRICT—COMMUNITY CENTERS

Progressive experience is our capital. M. Popova, U. Krikun. Kul't. -pros. rab. 23 no. 1 35-36 Ja '62.

UST-URT—MACTRIDAE, FOSSIL

Variability and taxonomy of Sarmatian Mactra in the Mangyshlak and Ust-Urt. N. P. Paramonova. Biul. MOIP. Otd. geol. 37 no. 1:153-154 Ja-F '62.

UTERUS—CANCER

Do not come to your physician too late. I.M. Liandres Rab i stat. 38 no. 3:20-21 Mr '62.

Morphological picture of intraepithelial cancer of the cervix uteri [with summary in English]. B. Kaplans Izv. AN Latv. SSR no. 11:95-100 '61.

Some problems of medical procedures in sarcomatous degenerated uterine fibromyomas [with summary in English]. V. A. Kuznetsov. Sov. med 25 no. 12:70-72 D '61.

Treatment of cervical cancer with radioactive cobalt. V. A. Kolesnikova. Vest. rent. i rad. 36 no 6 69-70 N-D '61.

Use of cobalt beads (Co^{60}) in treating cancer of the corpus uteri. E. M. Krastina. Vop. onk 8 no. 2 72-76 '62.

UTERUS—DISEASES

Evaluation of diathermosurgical treatment of glandular and muscular hyperplasias of the cervix uteri [with summary in English]. E.V. Molzhaninov. Vop. onk. 7 no. 7:54-58 '61.

UTERUS—HEMORRHAGE see Hemorrhage, Uterine

UVAROVICHI DISTRICT—POULTRY

Outstanding worker. Maryia Kavaliova Rab i stat 38 no. 3 5 Mr '62.

UZBEKISTAN—AGRICULTURAL LIBRARIES

Conference for librarians of scientific research institutes of the Uzbek Academy of Agricultural Sciences, June 23-25, 1960 Biul TSentr nauch sel'khoz bibliot. no 6 68-69 '60

UZBEKISTAN—AGRICULTURAL MACHINERY

Assistance of the laboring classes of Uzbekistan to collective farmers in manufacturing agricultural machinery during the Great Patriotic War of the Soviet Union. N R. Ibragimova. Obshchestv nauki v Uz no. 2:15-19 '61.

UZBEKISTAN—AGRICULTURAL MACHINERY—MAINTENANCE AND REPAIR

Take care of machinery. Nar. khoz. Uzb. 4 no. 2:11-12 F '62

UZBEKISTAN—AGRICULTURE

Preparing a collection of documents on the socialist reorganization of agriculture in Uzbekistan. R. Aminova Obshchestv. nauki v Uz. no 3:68-69 '61

Resources are being utilized. M. Kim, N. Artem'ev. Ekon. sel'khoz 32 no 12:57-63 D '61

Testimony of an honest American. Nar. khoz. Uzb. 4 no 2:95-96 F '62.

UZBEKISTAN—AGRICULTURE—STUDY AND TEACHING

Following N. S. Khrushchev's advice. Nar. khoz. Uzb. 4 no. 2:20 F '62.

UZBEKISTAN—ANTIQUITIES

Archaeological studies of Samarkand University in 1955 and 1956. L. N. Lev. Trudy UzGU no. 101:3-22 '60.

Brief news. Obshchestv. nauki v Uz. no. 3:74-75 '61.

UZBEKISTAN—APARTMENT HOUSES

Standard plans for two-story apartment houses in the 1-24 series S Rozenblium, N Voinov Zhil stroi no. 12 23-25 '61

UZBEKISTAN—ARCHITECTURE

Arches in the architecture of Uzbekistan B N Zasypkin Arkhit nas. 13 139-168 '61

Brief notes on recently published books. Obshchestv. nauki v Uz. no. 3:76-77 '61.

UZBEKISTAN—ARCHITECTURE, DOMESTIC

Progressive traditions in the architecture of the national dwelling of Uzbekistan T. B Rapoport Arkhit. nas 13 199-222 '61.

UZBEKISTAN—ART

Some results of the research carried out by the expedition of the Institute of Art Studies of the Academy of Sciences of the Uzbek S. S. R. during 1960 G. A. Pugachenkova. Obshchestv. nauki v Uz no 3.65-68 '61

UZBEKISTAN—ASCORBIC ACID

Study of the adequacy of vitamin C supply for the rural population of Uzbekistan during different seasons of the year using as indices the quantity of ascorbic acid in the plasma and whole blood [with summary in English] S.G Grebenkov. Vop. pit 21 no 1 49-54 Ja-F '62

UZBEKISTAN—BANKS AND BANKING

Carrying out of the payment and receiving plan is an important state task. Kh. Gafurov. Nar khoz Uzb 4 no 2:48-54 F '62.

UZBEKISTAN—CHEMICAL WORKERS—DISEASES AND HYGIENE

State of health and incidence of diseases among workers of hydrolyzed alcohol and furfurol G.N Nazyrov. Med. zhur. Uzb. 1

UZBEKISTAN—COLLECTIVE FA

Forms of wages on collective fa during the first five-year plan, Nauch. rab. i soob. Otd. obshche 69-96 '61.

History of the development and farms in Uzbekistan from 192 Nauch. rab. i soob. Otd. obshch 2:82-88 '61.

UZBEKISTAN—COLLECTIVE FA INSPECTION

Improve the planning and analys managerial operations of colle Nar. khoz. Uzb. 4 no. 2:68-70

UZBEKISTAN—COLLECTIVE FA

The role of indivisible funds in ing of collective farm and com of socialist property. D. N. N nauki v Uz. no. 3:8-11 '61.

UZBEKISTAN—COMMUNICABLE TION

Measures toward reducing infec republic. B. A. Akhundzhanov 5-12 F '60.

UZBEKISTAN—COMMUNISM

Documents on the visit of the delegates of the sixth Congress of the Communist International to Uzbekistan during the year 1928. L. Gentshke Obshchestv nauki v Uz. no. 2:06 '61

UZBEKISTAN—COMMUNIST PARTY OF THE SOVIET UNION

Consolidation of party organizations in the villages during the period of the mass collective-farm movement in Uzbekistan, 1930-1932. Sh. Orazimbetov. Trudy TashGU no. 170, 99-113 '60.

The party organization of Uzbekistan in the struggle to increase the tempo of construction; history of the struggle of the Communist Party of Uzbekistan in the building of the Great Fergana Canal. IU. Ibragimov. Trudy TashGU no 170:147-180 '60

UZBEKISTAN—COMMUNITY LIFE

The role of block committees in the current period. K. Kamilov. Obshchestv. nauki v Uz. no. 2:59-60 '61

UZBEKISTAN—CONSTRUCTION INDUSTRY

"Fine people, wonderful country" Nar. khoz. Uzb 4 no. 2:94-95 F '62.

UZBEKISTAN—CONTRACTS, AGRICULTURAL

Conditions required for the validity of government contracts for the purchase of raw cotton Kh A Rakhmankulov. Obshchestv. nauki v Uz no 3:12-17 '61

UZBEKISTAN—COTTON GROWING

Activity of party organizations of Uzbekistan in improving the use of machinery and raising work productivity in cotton growing, 1930-1941. D Akhmarov Trudy TashGU no. 170, 114-125 '60.

Electrification of advanced collective cotton farms of Uzbekistan V. T. Danil'chenko Shor nauch -issl rab. UzNIIME no. 1:277-286 '59.

Every collective and state farm must produce not less than 25 centners of cotton per hectare of land. V. Vengerskii. Nar. khoz. Uzb. 4 no 2:21-28 F '62.

UZBEKISTAN—COTTON-PICKING MACHINERY

New machines appear on the fields N. Rakhmanov. Nar. khoz Uzb 4 no. 2 62-61 F '62.

UZBEKISTAN—DEFOLIATION

New defoliants. N. Syrova. Nar khoz. Uzb. 4 no. 2: 75-76 F '62

UZBEKISTAN—ECONOMIC CONDITIONS

Factors in the growth of the national income of Uzbekistan. A. Abduganiev. Nauch. rab. i soob. Otd. obshchestv nauk AN Uz. SSR 2:5-19 '61.

Growth of the material prosperity of the workers of Uzbekistan under the current seven-year plan. L. Ubaidullaev Obshchestv. nauki v Uz no 2:6-14 '61.

UZBEKISTAN—FARM PRODUCE—MARKETING

Problems in the development of consignment trade in agricultural products in Uzbekistan. F. Rasulev Nauch. rab. i soob. Otd. obshchestv. nauk AN Uz SSR 2:46-51 '61.

UZBEKISTAN—FORTIFICATIONS, OLD

History of ancient defense works in Uzbekistan. Kh. Mukhamedov. Nauch rab i soob. Otd. obshchestv. nauk AN Uz. SSR 2:235-247 '61.

"History of ancient fortifications in Uzbekistan" [in Uzbek] by Kh. Mukhamedov Reviewed by I. Dzhabbarov. Obshchestv. nauki v Uz. no 12:53-54 '61.

UZBEKISTAN—GAS, NATURAL

Casing head gases are a valuable raw material and cheap

UZBEKISTAN—INHERITANCE AND SUCCESSION

The draft civil code of Uzbekistan on certain problems of inheritance T. Aiubov Nauch rab. i soob Otd obshchestv nauk AN Uz SSR 2 123-133 '61

UZBEKISTAN—IRRIGATION

[Stability of earth roadbed and road mats in regions with artificial irrigation] Ustoichivost' zemlianogo polotna i dorozhnykh odezhd v rajonakh iskusstvennogo oroshenila. [By] IU. L Motylev i dr Moskva, Nauchno-tekhn izd-vo M-va avtomobil'nogo transp i shosseinykh dorog RSFSR, 1961 178 p.

UZBEKISTAN—JUSTICE, ADMINISTRATION OF

Our efforts to ensure a strict observance of laws in the light of the decisions of the 22d Congress of the CPSU Kh S Sulaimanova Obshchestv nauki v Uz no 12 5-11 '61

UZBEKISTAN—LAW

Brief notes on recently published books Obshchestv nauki v Uz no 3,76-77 '61

UZBEKISTAN—MACHINERY INDUSTRY

On the frontier of technological progress. Z. Nazirov. Nar khoz Uzb 4 no 2 43-48 F '62

UZBEKISTAN—MEDICAL RESEARCH

Principal results of medical research in the Republic during 1959 V. A. Sorokina. Med zhur Uzb no 9: 69-72 S '61

UZBEKISTAN—METALLURGICAL PLANTS

Ferrous metallurgy of Uzbekistan during the seven-year plan Metallurg 7 no 3 33-34 Mr '62

UZBEKISTAN—PHARMACY

Present status and prospects of development of pharmaceutics in the Uzbek S S R from 1959 to 1965 R. S Sagatov, A. Temirgaliev Med zhur Uzb no 6 3-6 Je '60

UZBEKISTAN—POTATOES—FERTILIZERS AND MANURES

Manure-soil composts for potatoes and vegetables in Uzbekistan. G I Abolina, D Z Fatkhullaeva Agrobiologiia no 6:821-826 N-D '61

UZBEKISTAN—PUBLIC HEALTH

Session of the Uzbek Republic Scientific Society of Hygienists in 1959 S N. Babadzhanov, N M. Demidenko Med zhur Uzb no. 6:73-75 Je '60

UZBEKISTAN—RETAIL TRADE

State retail trade in Uzbekistan. I. Karimov. Nauch rab. i soob Otd. obshchestv nauk AN Uz SSR 2 38-45 '61

Success of cooperative society workers in Uzbekistan. Koop Kazakh 4 no 2 54-55 F '61

UZBEKISTAN—ROAD CONSTRUCTION

[Stability of earth roadbed and road mats in regions with artificial irrigation] Ustoichivost' zemlianogo polotna i dorozhnykh odezhd v rajonakh iskusstvennogo oroshenila. [By] IU. L. Motylev i dr. Moskva, Nauchno-tekhn izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961. 178 p.

UZBEKISTAN—SILK MANUFACTURE

Raise the productivity of silk spinning automatic machinery S. Shchenkov. Nar khoz Uzb 4 no 2:81-82 F '62

UZBEKISTAN—SOCIALIST COMPETITION

The Communist Party of Uzbekistan as the organizer of the socialist competition for successfully fulfilling the second five-year plan for industry. D Pak Trudy TashGU no. 170,126-146 '60.

UZBEKISTAN—SOIL DISINFECTION

K. S. Zairov's monograph "Sanitary conditions in soil disinfection and the utilization of certain wastes in Uzbekistan." Reviewed by A. Z. Zakhidov, M. B. Seitkrenikov, N. A Kobiov Med zhur Uzb no. 9,67-69 S '61.

UZBEKISTAN—TECHNOLOGICAL INNOVATIONS

Sources of technological creativeness. I. Paramoshkin. Nar khoz. Uzb 4 no 2:66-67 F '62.

UZBEKISTAN—VEGETABLES—FERTILIZERS AND MANURES

Manure-soil composts for potatoes and vegetables in Uzbekistan. G. I. Abolina, D. Z Fatkhullaeva. Agrobiologiia no. 6:821-826 N-D '61

UZBEKISTAN—VOCATIONAL EDUCATION—CONGRESSES

Great tasks of technical and vocational education workers in Uzbekistan. Prof.-tekh. obr. 19 no. 2:3 F '62

UZBEKISTAN—WOMEN

How the Communist Party and the Soviet Government raised the political and professional activity of Uzbek women, 1924-1930. F. Khaidarova. Trudy UzGU no. 101;89-110 '60.

VACATIONS

Vacations have begun. H. Slankevich. Rab. i sitl. 37 no 6;18 Je '61

VACATIONS, EMPLOYEE

Additional leave and shortened workday for workers engaged in harmful work in earthwork operations of the construction of subways, tunnels and other underground structures Biul Gos kom po vop truda i Zar platy no 9 21-22 '61

Additional leave for long service. M. Pankin. Sov. profsoiuzy 18 no. 1,45 Ja '62

Annual and supplementary leave for subprofessional medical personnel L. I. TSareva. Fel'd. i akush. 26 no. 11 56-61 N '61.

Employee vacations. R. Livshits. Okhr. truda i sots. strakh. 5 no. 1,20-21 Ja '62

VACCINATION

Aerosol immunization with dry live vaccines and anatoxins Report No 7 Organization, methods, and technic of mass aerosol immunization of human subjects with atomized vaccines [with summary in English]. N I Aleksandrov and others. Zhur. mikrobiol., epid. i immun 32 no 9:3-7 S '61.

Complications in smallpox vaccination V. M. Tarabrina Sov med 25 no. 12,111-112 D '61

Influence of revaccination on immunological changes in animals vaccinated with complex vaccines [with summary in English]. S L Borodko, L G. Samsonovich. Zhur mikrobiol., epid. i immun. 32 no. 9:42-47 S '61.

Prevention of staphylococcal diseases in mothers and newborn infants by means of immunization with a purified sorbed staphylococcal anatoxin [with summary in English] A M Chel'nyi, V S Titova, S. A Zlatkina. Zhur mikrobiol., epid. i immun. 32 no. 9 27-30 S '61

Study of complex active immunization against tetanus and leptospirosis under experimental conditions. Report No. 2 Study of the effectiveness of associated immunization by means of an investigation [with summary in English]. M G. Glovatskaia Zhur. mikrobiol. epid. i immun 32 no 9:48-52 S '61.

Ways for studying the vaccine prophylaxis in brucellosis and for developing vaccinal strains K. P Studentsov. Vest sel'khoz. nauki [Kazakh] 4 no 12 57-61 D '61

VACCINATION—EQUIPMENT AND SUPPLIES

Study of aerosols. Report No. 1 Chamber for experiments with inhalation immunization [with summary in English] S N. Muromtsev, V P. Nenashev. Zhur. mikrobiol., epid. i immun. 32 no 9 25-26 S '61.

VACCINATION—HANDBOOKS, MANUALS, ETC.

Sokolov, M. I., and P. V. Pavlov. [Manual on the use of vaccines and sera] Spravochnik po primeneniiu vaktsin i syvorotok. Moskva, Medgiz, 1961. 162 p. (DNLM)

VACCINES

Associated vaccine against ovanthemamatous typhus and Q fever and the possibility of decreased reactogenic properties of the vaccine against Q fever [with summary in English] E M. Golinevich, V. A Genig. Vop. virus. 6 no 6 728-732 N-D '61.

Experimental study of a tissue vaccine against tick-borne encephalitis [with summary in English] B. F. Semenov and others. Vop. virus. 6 no 6 716-720 N-D '61.

Intravenous vaccine treatment of brucellosis in children. N. K. Talyzina. Kaz. med zhur. no. 6 40-42 N-D '61.

Producing a non-reactogenic vaccine against Q fever [with summary in English]. E. IA. Shtengol'd Zhur. mikrobiol., epid. i immun. 32 no 9 12-18 S '61.

Treatment of typhoid fever with levomycetin and typhoid monovaccine. V. S. Starshinova. Sov med. 25 no. 12: 64-69 D '61

Typhoid-paratyphoid-tetanus chemically sorbed vaccine. (Experimental study, reactogenic properties, epidemiological effectiveness) [with summary in English]. L. B. Kheifets and others. Zhur. mikrobiol., epid. i immun. 32 no 9:18-25 S '61.

VACUUM METALLURGY

Efficiency of the vacuum treatment of liquid steel. I. A. Baranov, G. N. Oiks, I. I. Ansheles Izv. vys. uchob. zav. ;chern. met. 5 no 1;60-61 '62

Vacuum treatment of alloyed open hearth steel. K. M Petrov and others Stal' 22 no. 2 113-117 F '62.

VACUUM METALLURGY—HYGIENIC ASPECTS

Incidence of angina among workers of the vacuum industry, and the dispensary treatment of chronic tonsillitis I IA. Izaak. Med zhur. Uzb. no. 12:38-41 D '61.

VACUUM PUMPS

Protecting vacuum pumps of dressing plants. A. I Drok. Gor zhur. no. 11:75-76 N '61

"Rotary vacuum pumps and compressors with liquid piston," by V. I. Teterikov. Reviewed by N. I. Shelkov. Khim. mash. no. 6:47 N-D '61.

VACUUM TECHNOLOGY

Development of diffusion welding in a vacuum. L. IUr'ev. Izobr i rats. no. 3:8-10 Mr '62.

Khvedchenia, L. K., and V. S. Svistkov. [Testing the tightness of weld joints by vacuuming] Ispytanie plotnosti svarnykh shvov metodom vakuumirovaniia. 2. perer. Moskva, TSentr. biuro tekhn. informatsii, 19[illegible] 19 p.

VAGINA—SURGERY

Plastic formation of the vagina by the Popov Mamedshtamm method in its congenital aplasia. I M [illegible] bashev. Azerb med zhur no. 11 45 48 N '61

VAGUS NERVE

Changes in the nodose ganglia of the vagus nerve in experimental unilateral atelectasis A. O. Navakatikian, M. I Shuliga Arkh pat no. 2,27-32 '61

Significance of the tone of the vagus nerve center in the economic form of cardiac activity. A. L Smirnov. Vest AMN SSSR 16 no. 12;68-73 '61

Study of the topography of vagus nerve branches for their preservation during gastric surgery. K. I Chistovich i Nov khir arkh no 2:48-50 '62

Vagal innervation of blood vessels of the spinal cord P. A. Motavkin Dokl AN SSSR 142 no. 5;1168 [illegible] '62.

VAGUS NERVE—DISEASES

Functional disorder of the vagus nerves in cardiac pain [with summary in English]. N I Iordanskaia Vop khir no 2 24-28 '62

VAKHRUSHEV, VASILII VASIL'EVICH, 1902-1917

Outstanding organizer of the Soviet industry, on the occasion of the sixtieth anniversary of the birthday of V. V. Vakhrushev. Ugol' 37 no 3 63-64 Mr '62

VALERIC ACID

Synthesis of α,β-dihydroxy-β-methylvalerlic acid [illegible] Kagan Izv. AN SSSR, Otd khim. nauk no 2 317-320 F '62

VALIKHANOV, CHOKAN CHINGISOVICH, 1901-

Ch. Valikhanov as a follower of revolutionary democrats [in Kazakh]. A. Atishev. Vest. AN Kazakh SSR 18 no. 1;67-75 Ja '62.

VALLEYS

(see also subdivision under Azov Sea region)

Principal stages in the history of the development of recent river valleys and conditions of their formation in reservoirs I. G Kokenko, A. D Kolbatov [illegible] Gidroproekta no. 1;160-172 '60

VALUYKI DISTRICT—ARCHAEOLOGY

Two primitive flint work areas in the vicinity of the village of Pristenovka on the Oskol River. M I Artamonov Nauch. rab. i soob. Otd. obshchestv. nauk AN Ukr SSR 2,248-250 '61.

VALVES

New design of the non-return valve with free discharge G. I. Dembo. Energomashinostroenie 8 no 3 [illegible] Mr '62.

VANADIUM see subdivision under Kara-Tau

VANADIUM-IRON ALLOYS see Iron-vanadium alloys

VANADIUM OXIDE

Behavior of carbon-oxide vanadium anodes in the electrolysis of chloride melts. A. N. Baraboshkin, V. I Sazhnov. Trudy Inst. elektrokhim. UFAN SSSR no 1 41-47 '60.

Semiconductor properties of vanadium and niobium [illegible] oxides in solid and liquid states A. I. Munakov, [illegible] A Esin, B. M. Lepinskikh Dokl AN SSSR 142 no 5: 1124-1127 F '62.

VANADIUM OXIDE—MAGNETIC PROPERTIES

Magnetic susceptibility of vanadium oxide at 60° [illegible] N. I. Bogdanova, G. M. Loginov. Fiz tver tela 3 no 1 236-238 Ja '62.

VANADIUM SULFATE—MAGNETIC PROPERTIES

Paramagnetic relaxation in vanadyl sulfate and its solutions. G. P. Vishnevskaia, P. G Tishkov. Dokl AN SSSR 142 no 4 841-843 F '62.

VANADIUM-TANTALUM ALLOYS see Tantalum-vanadium alloys

VANNIC MYTHOLOGY see Mythology, Vannic

VAPOR-LIQUID EQUILIBRIUM

Chemical equilibrium of pig iron and blast furnace slag under the effect of a variable gaseous phase pressure. V. M. Shchedrin. Izv. AN SSSR, Otd. tekh. nauk, Met. i topl. no. 1;23-35 Ja-F '62.

Distillation of alloys during spectrum analysis. N. A Makulov Trudy Giprotsvetmetobrabotka no. 20 318-345 '61.

Investigating vapor-liquid phase equilibrium in systems formed by titanium tetrachloride with chloroanhydrids of mono- and trichloroacetic acids. G. V. Serikov, S. A. Vaks, L. S. Sidorina. Titan i ego splavy no 5 [illegible] 224 '61.

Investigations in the field of titanium tetrachloride purification. T. A. Zavarikskaia. Titan i ego splavy no. 6;195-200 '61.

VETERINARY PHYSIOLOGY

Manikov, I. G. [Physiology of higher nervous activity in farm animals] Fiziologiia vysshei nervnoi deiatel'nosti sel'skokhoziaistvennykh zhivotnykh. Khar'kov, Izd-vo Khar'kovskogo Gos. univ. im. A. M. Gor'kogo, 1961. 201 p.

VETERINARY PHYSIOLOGY—STUDY AND TEACHING

Fistula in a hen's crop. G. IA. Prilma. Biol. v shkole no. 2 32-34 Mr-Ap '62

VETERINARY RESEARCH
(see also subdivision under Bulgaria)

Experience in the organization of free accession to the Library of the All-Union Experimental Institute of Veterinary Medicine. M. F. Babaitseva. Biul. TSentr. nauch.-sel'khoz. biblriot. no. 6 61-68 '60

VETKA DISTRICT—DAIRYING

The romance of an ordinary days. Vitali Kostylion. Rab. i zhil. 37 no. 12 3-4 D '61

VEYDELEVKA DISTRICT—EDUCATION, RURAL

They are able to interest youth. V. Sedalov. Nar. obr. no. 3 85 Mr '62.

VIATKIN, VASILII LAVRENT'EVICH, 1859-1932

List of Vasilii Lavrent'evich Viatkin's works. E. K. Betger. Trudy TashGU no. 172 124-127 '60

VIBRATION

Approximate calculation of the theoretical and probability characteristics of natural vibrations. V. I. Sergeev. Trudy Inst. mash. Sem. po teoch. v mash. i prib. no. 16 14-28 '61.

Effect of vibrations on the reliability of automatic assembling of parts. B. I. Obrazov, K. Mucenieks. Izv. AN Latv. SSR no. 1 53-58 '62

Evaluating the applicability of the minor parameter method to problems in the theory of nonlinear vibrations. IU. A. Riabov. Inzh. zhur. 1 no. 3 3-21 '61

Kauderer, Hans. [Nonlinear mechanics. Translated from the German] Nelineinaia mekhanika. Moskva, Izd-vo inostr. lit-ry, 1961. 777 p. diagrs. (RPB)

Problem of the natural transverse vibrations of a rod of varying cross section. S. B. Galustian. Izv. AN Azerb. SSR Ser. fiz.-mat. i tekh. nauk no. 5 23-31 '61

Shaking of tractors caused by rough roads. V. G. Chernikov. Sbor. nauch.-issl. rab. UzNIIME no. 1 214-235 '59

Use of vibration compression in the medical industry. T. A. Sultanov, A. M. Volkov. Med. prom. 15 no. 12 54-56 D '61

VIBRATION—MEASUREMENT

Methodological problems in the measurement and evaluation of vibrations and noise. A. A. Arkad'evskii, V. P. Maiorov, G. I. Rumiantsev. Uch. zap. Mosk. nauch.-issl. inst. san. i gig. no. 7 17-25 '60.

Vibration measuring and balancing kit. V. K. Ferroni. Elektrosila no. 19 59-62 '60

VIBRATION—PHYSIOLOGICAL EFFECT

Cerebral form of vibration sickness caused by general high-frequency vertical vibration. A. S. Mel'kumova. Uch. zap. Mosk. nauch.-issl. inst. san. i gig. no. 7 26-36 '60.

Changes in the nervous system in the cerebral form of vibration sickness. V. V. Andrianov. Uch. zap. Mosk. nauch.-issl. inst. san. i gig. no. 7 52-56 '60

Characteristics of occupational deafness in the case of combined effect of vibration and noise on the ear. A. G. Rakhmilevich. Uch. zap. Mosk. nauch.-issl. inst. san. i gig. no. 7 104-106 '60

Clinical aspects of vibration sickness in concrete workers [with summary in English]. L. N. Gratsianskaia and others. Gig. truda i prof. zab. 6 no. 1 34-39 Ja '62

Dynamic clinical electroencephalographic studies of vibration sickness caused by general vibration. P. I. Shpil'berg, A. S. Mel'kumova. Uch. zap. Mosk. nauch.-issl. inst. san. i gig. no. 7 45-51 '60.

Effect of general vertical vibrations on the human organism. E. I. Kandaurova. Uch. zap. Mosk. nauch.-issl. inst. san. i gig. no. 7 14-16 '60.

Effect of industrial vibrations on the vestibular function. IA. S. Temkin, P. S. Kublanova. Uch. zap. Mosk. nauch.-issl. inst. san. i gig. no. 7 66-73 '60.

Effect on the organism of general vibration and its hygienic significance. G. I. Rumiantsev. Uch. zap. Mosk. nauch.-issl. inst. san. i gig. no. 7 3-9 '60

Electroencephalographic studies of vibration sickness. P. I. Shpil'berg. Uch. zap. Mosk. nauch.-issl. inst. san. i gig. no. 7 37-44 '60.

Experimental study of the effect of general vibrations on the organism. A. M. Volkov, E. I. Kandaurova, G. I. Rumiantsev. Uch. zap. Mosk. nauch.-issl. inst. san. i gig. no. 7 10-13 '60.

Functional state of the cardiovascular system in vibration sickness. A. G. Genkin. Uch. zap. Mosk. nauch.-issl. inst. san. i gig. no. 7 57-62 '60

Nature of sugar curves in vibration sickness. N. N. Pushkina. Uch. zap. Mosk. nauch.-issl. inst. san. i gig. no. 7 83-85 '60.

VIBRATION (MARINE ENGINEERING)

Forced vibrations of flat covers allowing for displacement. V. A. Postnov. Trudy LKI no. 31 51-62 '60

Klikukin, I. I. [Controlling noise and sound vibration on ships] Bor'ba s shumom i zvukovoi vibratsiei na sudakh. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl. 1961. 355 p.

VIBRATORS

Calculation of the forces of resistance in concrete vibrators. V. L. Sakovich. Izv. vys. ucheb. zav. ; stroi i arkhit. 4 no. 6 104-115 '61

Pneumatic vibrator with a constant excitation frequency. V. P. Ivanov, V. N. Buzitskii, IU. A. Zatkov. Izv. vys. ucheb. zav. ; av. tekh. 4 no. 4 141-146 '61

Vibrating batten for the construction of a slag concrete floor base. A. Khersonskii. Stroi. i arkhit. 9 no. 12 30-31 D '61.

Vibrators for unloading freight cars. V. N. Ramodin. Biul. tekh.-ekon. inform. no. 1 71-75 '62

VIENOZINSKIS, JUSTINAS, 1886-1960

Vienozinskis, Justinas. [Art exhibition, 1961; catalog] Dailes paroda 1961, katalogas. Vilnius, Vilniaus valstybinis dailes muziejus, 1961. 69 p. [Parallel texts in Lithuanian and Russian]

VIETNAM

[Let's break our chains; documents concerning the Vietnamese revolution in August 1945. Translated from the French] Razob'em okovy, dokumenty Avgustovskoi revoliutsii 1945 goda v V'etname. Red. N. V. Rudnitskaia. Moskva, Izd-vo inostr. lit-ry, 1960. 163 p.

VIETNAM—ELEPHANTS

Elephants from Kon-Kuong. Heinz Klemm. Vokrug sveta no. 5 28 My '61.

VIETNAM, NORTH—ECONOMIC POLICY

Quickly, boldly, and confidently. Chan Tyong. Az. i Afr. seg. no. 2 24 F '62.

VIETNAM, NORTH—POLITICS AND GOVERNMENT

Merzliakov, N. S. [The Democratic Republic of Vietnam; governmental system] Demokraticheskaia Respublika V'etnam, gosudarstvennyi stroi. Moskva, Izd-vo IMO, 1961. 191 p.

VIETNAM, SOUTH—FOREIGN RELATIONS—UNITED STATES

Opposite result. Nov. vrem. 20 no. 11 3 Mr '62

VIETNAM, SOUTH—MILITARY ASSISTANCE, AMERICAN

Undeclared war in South Vietnam. V. Antonov. Nov. vrem. 20 no. 10 13-14 Mr '62

VIETNAM, SOUTH—POLITICS AND GOVERNMENT

A "new strategy" of the U.S.A. in South Vietnam. A. Grishin. Mezhdunar. zhizn' 9 no. 4 123-125 Ap '62.

Ngo Dinh Diem should make his choice. Hyunh Van Tam. Mezhdunar. zhizn' 9 no. 3 63-67 Mr '62

Ngo Dinh Diem's regime is fascism. Az. i Afr. seg. no. 2 20-21 F '62.

Opposite result. Nov. vrem. 20 no. 11 3 Mr '62.

VILLAGE COMMUNITIES see subdivision under Georgia

VILLIAUMITE see subdivision under Khibiny Mountains

VILNIUS—ELECTRIC METERS

One of the most efficient systems. V. Lints. Izobr. i rats. no. 3 2 Mr '62

VILNIUS—THEATER

"Blood and ashes." V. Frolov. Teatr 23 no. 2 89-90 F '62

VILYANDI—SCHOOL SUPERVISION

Orest Niinemiaz and his assistants. . . E. Musina. Nar. obr. no. 3 30-34 Mr '62.

VILYUY REGION—GAS, NATURAL—GEOLOGY

Recent data on the geology, and oil and gas potentials of the lower Vilyuy upland zone. G. D. Babaian. Geol. nefti i gaza 6 no. 2 8-13 F '62

VILYUY REGION—PETROLEUM GEOLOGY

Recent data on the geology, and oil and gas potentials of the lower Vilyuy upland zone. G. D. Babaian. Geol. nefti i gaza 6 no. 2 8-13 F '62.

VINNITSA—TEACHERS, TRAINING OF

Efficient means of increasing pedagogical skill. T. P. Komarnyts'kyi. Rad. shk. 40 no. 2 63-65 F '62.

VINNITSA DISTRICT—COLLECTIVE FARMS—ACCOUNTING

IAshchuk, N. A. [Accounting for expenditures and costs analysis on collective farms; practice of "Leninskii Shliakh" Collective Farm in Vinnitsa District, Vinnitsa Province] Uchet zatrat i analiz sebestoimosti produktsii v kolkhoze; opyt kolkhoza "Leninskii shliakh" Vinnitskogo raiona Vinnitskoi oblasti. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 166 p.

VINNITSA DISTRICT—SUGAR BELTS

Increasing labor productivity on sugar beet collective farms, practices of the collective farms in Vinnitsa District. M. Naida. Ekon. Sov. Ukr. no. 3 [illegible] '61

VINNITSA PROVINCE—AGRICULTURE

New forms of socialist competition in agriculture. Based on the materials of Vinnitsa Province. [illegible] V. O. Plushchenko. Ukr. ist. zhur. 6 no. 1 [illegible] '62

VINNITSA PROVINCE—SURGICAL SOCIETIES

Work of the Scientific Society of Surgeons of Vinnitsa Province in 1959. I. M. Grabchenko [illegible] khir. arkh. no. 3 119-121 My-Je '60

VINYL ACETATE

Reactions of vinyl acetate with partial esters of various acids. A. N. Pudovik, I. V. Konovalova. Zhur. obshch. khim. 32 no. 2 467-471 F '62.

VINYL COMPOUND POLYMERS

Materials of high resilience based on graft copolymers of poly(vinyl chloride) with elastomers. A. A. [illegible] and others. Khim. prom. no. 2 96-100 F '62.

Synthesis of blood substitute polymers; exhibition of properties of inhibitors-antioxidants. S. N. Ushakov and others. Dokl. AN SSSR 143 no. 1 [illegible] '62.

VINYL ETHER

Vinyl compounds in diene synthesis. Report [illegible]

Interaction between divinyl ether and malonic [illegible] Shostakovskii, A. V. Bogdanova, A. N. Volkov [illegible] SSSR. Otd. khim. nauk no. 2 346-350 F '62.

VINYL POLYMERS

Improved welding equipment for vinyl plastics. S. I. Orlov. Khim. mash. no. 6 14-15 N-D '61.

Torch for welding vinyl plastics. V. A. [illegible] mash. no. 6 43 N-D '61.

VIOLA

Brauna, Joahima. [Violin and viola] Vijole un alts. Latvijas Valsts izdevnieciba, 1961. 61 p. (Darbs [illegible] instrumenti) [In Latvian]

VIOLIN

Brauna, Joahima. [Violin and viola] Vijole un alts. Latvijas Valsts izdevnieciba, 1961. 61 p. (Darbs [illegible] instrumenti) [In Latvian]

VIOLIN—METHODS

Kamillarov, Emil. [Technique of the violinist's left hand] O tekhnike levoi ruki skripacha. Pod red. I. [illegible] Leningrad, Gos. muzykal'noe izd-vo, 1961. [illegible] pomoshch' pedagogu-muzykantu)

VIOLINISTS, VIOLONCELLISTS, ETC., [illegible] under Moscow

VIOLONCELLO

Briede, B. [Violoncello and contrabass] Celli un kontrabass. Riga, Latvijas Valsts izdevnieciba, 1961. [illegible] (Orkestra instrument) [In Latvian]

VIRGIN TERRITORY—AGRICULTURAL WAGES

New developments in accounting and wages. F. Khudenko. Uchet i fin. v kolkhoz. i sovkhozakh no. 3 5-9 F '62.

VIRGIN TERRITORY—AGRICULTURAL WORKERS

Masters of turned virgin lands. A. Solovev. [illegible] no. 2 16-17 '62.

VIRGIN TERRITORY—BIRCH

Structure of birch plantations in the Virgin Territory. T. Kh. Tokmurzin. Vest. sel'khoz. nauki [illegible] no. 11 53-63 N '61.

VIRGIN TERRITORY—BUILDING MATERIALS

Develop an industrial supply base for construction. A. Popov. Nar. khoz. Kazakh. 20 no. 2 [illegible]

VIRGIN TERRITORY—CONSTRUCTION INDUSTRY

Develop an industrial supply base for construction. A. Popov. Nar. khoz. Kazakh. 20 no. 2 [illegible]

VIRGIN TERRITORY—CONSTRUCTION INDUSTRY—FINANCE

Build large health centers in the Virgin Territory. F. A. Kondratov. Nar. khoz. Kazakh. 19 no. 12 [illegible] D '61.

VIRGIN TERRITORY—COOPERATIVE SOCIETIES

To the new frontiers. I. M. Torzhevskii and [illegible] Koop. Kazakh. 4 no. 3 24-25 Mr '61.

VIRGIN TERRITORY—DOMESTIC ENGINEERING

Heat supply, water supply, and sewerage for [illegible] buildings of the Virgin Territory. I. Livshits, E. Vilenskii. Sel'. stroi. 16 no. 12 [illegible]

VIRGIN TERRITORY—ECONOMIC GEOGRAPHY

Land of countless riches. A. N. Filippovskii [illegible] Kazakh. 4 no. 2 34-39 F '61.

VIRGIN TERRITORY—FARM MANAGEMENT

Virgin Territory State farms should have an efficient size. S. Azev Nar. khoz Kazakh 20 no 1 71-75 Ja '62.

VIRGIN TERRITORY—INDUSTRIES

Prospects for developing the Virgin Territory industries. B. Dvoskin, I. Shilorov Nar. khoz Kazakh 20 no 1 25-34 Ja '62.

VIRGIN TERRITORY—MEDICINE, RURAL

Build large health centers in the Virgin Territory. A. Kondratov. Nar. khoz. Kazakh. 19 no. 12,51-54 D '61.

VIRGIN TERRITORY—RECLAMATION OF LAND

Possibilities of bringing new lands of the Virgin Territory under cultivation. I. Polovitskii, G. Shtcinberg Ekon sel'khoz 32 no 12;103 D '61

VIRGIN TERRITORY—STATE FARMS

Builders of virgin-land state farms must be provided with high quality designs and plans. A. Bykov Nar. khoz. Kazakh 20 no. 2;16-22 F '62

VIRGIN TERRITORY—STATE FARMS—ACCOUNTING

New developments in accounting and wages. I. N. Khudenko. Uchet i fin v kolkhoz i sovkhoz 19 no. 2;5-9 F '62

VIRGIN TERRITORY—STATE FARMS—FINANCE

Every state farm must work profitably. N. Sokolov. Nar. khoz. Kazakh. 19 no. 12;67-71 D '61.

Improve the system of accounting, planning and financing. I. Khudenko Nar. khoz. Kazakh. 20 no 1;65-70 Ja '62

Virgin-land state farms are an important source of socialist accumulation. V. Semenov. Fin. SSSR 23 no 2; 26-34 F '62.

VIRGIN TERRITORY—WATER, UNDERGROUND

Principal results of studying underground waters of the Virgin Territory and outlook for rural water supply U. M. Akhmedsafin. Vest. AN Kazakh SSR 18 no 1;15-27 Ja '62.

VIROLOGY

Current status of the problem of the viral etiology of malignant tumors in man. A. D. Timofeevskii Vop virus. 6 no. 6 643-650 N-D '61.

VIROLOGY—CLASSIFICATION

Classification of viruses. Vop. virus. 6 no. 6:755 N-D '61.

VIROLOGY—CONGRESSES

Symposium on the Biology of Viruses of the Tick-borne Encephalitis Group. D. Levkovich, S. Karpov. Vop. virus. 6 no. 6:756-760 N-D '61.

VIRUS DISEASES

Change in the higher nervous activity in rabbits under conditions of growth and malignant degeneration of a virus papilloma [with summary in English]. A. D. Nadareishvili. Zhur. vys. nerv. deiat. 11 no. 4:742-745 Jl-Ag '61.

VIRUSES

Adsorption of phytopathogenic viruses on "molecular" sorbents [with summary in English]. I. G. Atabekov, V. K. Novikov. Vop. virus. 6 no. 6:673-678 N-D '61.

Cytological and cytochemical study of kidney cell cultures from monkeys infected with simian viruses [with summary in English]. V. F. Voronina, I. R. Pillo, IA. E. Khesin. Vop virus. 6 no. 6:710-716 N-D '61.

Distribution of the polyoma virus among normal mice of various lines [with summary in English] Z. I. Merekalova. Vop. onk 8 no 2 3-7 '62

Interaction of propylgallate with the Rous's sarcoma virus adsorbed on erythrocytes and stromas. E. S. Likhovskaia, L. P. Lipchina, A. G. Chetverikov. Dokl. AN SSSR 142 no. 2:405-407 Ja '62.

Ion exchange adsorption of phytopathogenic viruses [with summary in English]. I. G. Atabekov. Vop. virus. 6 no. 6:669-672 N-D '61.

Some antiviral properties of the antibiotic mutomycin [with summary in English]. N. A. Blumberg, I. D. Riabova Antibiotiki 7 no. 1;38-39 Ja '62.

Study of viruses isolated from monkeys [with summary in English]. E. R. Pillo and others. Vop. virus. 6 no. 6:704-710 N-D '61.

Suitability of various types of tissue culture for detecting poliomyelitis and other enteroviruses in the practical laboratory [with summary in English]. E. S. Zalmanzon and others. Vop. virus. 6 no. 6:750-754 N-D '61.

VISCERA

Review of the collection, "Motor visceral reflexes in their physiology and clinical aspects." V. D. Glebovskii and D. P. Maniushkin. Fiziol. zhur. 48 no. 1; 106-107 Ja '62.

VISCERA—ABNORMITIES AND DEFORMITIES

Acute appendicitis in situs inversus viscerum. M. A. Kaliner Vest. khir no. 2;126 '62.

VISCOSIMETRY

Calculating the viscosity of fused salts (oxides). O. K. Sokolov. Izv. vys. ucheb. zav.; tsvet. met. 5 no. 1 89-93 '62

Chemical interaction between the alloying components of ternary alloys in the liquid state. V. M. Glazov. Izv. AN SSSR, Otd. tekh. nauk, Met. i topl. no. 1 89-93 Ja-F '61.

VISCOSITY

Change in viscosity of a reactive mass in the process of isoprene polymerization IU. A. Litvin, V. M Nepyshnevskii, G. M. Sinaiskii. Kauch i rez 21 no 2:1-4 F '62.

Effective viscosity of a fluidized bed of polydispersed ferromagnetic particles in a variable magnetic field Z. I. Nekrasov, V. V. Chekin. Izv. AN SSSR, Otd tekh. nauk, Met. i topl. no. 1:56-59 Ja-F '62

Measuring the absolute viscosity of liquids by the vibration method. G S Rosin Zav. lab. 28 no 1 72-74 '62

Some physicochemical constants of heavy liquids used in the study of minerals M IA. Kats, I V. Belikova Izv AN SSSR Ser geol 27 no 3 100-113 Mr '62.

Surface and volume viscosity of the simplest ferrous slags V. G. Kozlachev, S. I. Popel', O. A. Esin Izv. vys. ucheb. zav.; chern met. 5 no 1 41-47 '62

VISION

Change in the density of the capillary network of the retina during the process of development of the peripheral segment of the visual analysor [with summary in English]. E. V. Kapustina Arkh anat. gist i embr 42 no. 2 51-60 F '62.

Change in the dynamics of the formation of electrical reactions in the visual analysor in hypoxia Mel-i el Fiziol. zhur 48 no. 1,11-15 Ja '62

Comparative characteristics of the dynamics of neural processes in the auditory and visual analysors in dogs in relation to the characteristics of their structure [with summary in English]. N. S. Popova. Zhur. vys. nerv. deiat. 11 no. 4;690-696 Jl-Ag '61

Electroencephalographic study of the relationship between the visual and auditory analyzers in patients with vascular diseases of the brain [with summary in French] L. G. Makarova. Zhur. nevr i psikh 61 no 6 807-814 '61.

Local changes in the excitability of the visual analyzer under the influence of verbal stimuli [with summary in English]. N. I. Chuprikova. Zhur. vys nerv. deiat. 11 no. 4;630-635 Jl-Ag '61.

Morphological bases for the unequal role of the auditory and optical analysors in the behavior of dogs and monkeys [with summary in English]. V. P. Zvorykin. Arkh. anat. gist. i embr. 41 no. 7 28-37 Jl '61.

Some forms of interneuronal connections in the system of the visual analysors [with summary in English] E. G. Shkol'nik-IArros. Zhur. vys. nerv deiat 11 no. 4; 680-689 Jl-Ag '61.

Structure of the visual analysor in relation to the problem of color vision [with summary in English]. F G Shkol'nik-IArros. Arkh anat gist. i embr. 42 no 2 12-30 F '62

VISITORS, COLUMBIAN

Visit of a Columbian geographer to the U.S.S.R. IA G. Mashbits. Izv. AN SSSR Ser. geog. no. 1:163-164 Ja-F '62.

VISITORS, CUBAN see subdivision under Ukraine

VISUAL AIDS

Clear and artistic! Lidiia Chaga. Sem'ia i shkola 17 no. 1;22-23 Ja '62.

Homemade visual aids. IA. Vrana. Nauch shkola 30 no. 3:66-67 Mr '62.

Let's have more visual aids. Nar. obr. no. 3:120 Mr '62.

Making visual aids with the help of photography. V. I. Lagern. Nach. shkola 30 no. 3;64-65 Mr '62.

Use of mute schematic drawings in class. M. I. Fedorenko. Biol. v shkole no. 2;83 Mr-Ap '62.

VITAMIN METABOLISM see subdivision under Russia, Northern

VITAMIN THERAPY

Treatment of pyodermas with antibiotics from the tetracycline series in combination with vitamins [with summary in English] V. I. Batisenkov, V. A. Lenartovich, M. A. Frolova. Antibiotiki 6 no 12;1104-1107 D '61.

VITAMINS

Amount of prothrombin in the blood and the effect of vitamin K on its level in heliotropic toxicosis A M Gorshkova. Med. zhur. Uzb no. 3;15-18 Mr '60.

Effect of vitamins on the condition of the liver in the rainbow trout [with summary in English on page 266] K. A. Faktorovich. Izv. GosNIORKH 51;47-51 '61

Interrelation of certain trace elements with vitamins. A. S. Skoropostizhnaia. Vrach. delo no. 1;105-107 Ja '62.

"Problems of vitaminology" by I. I. Matusisa. Reviewed by M. F. Merezhinskii. Vop pit. 21 no. 1;92 Ja-F '62.

Results of the discussion on the problem of criteria for adequate vitamin intake in man. O. P. Molchanova, S. N. Matsko. Vop. pit. 21 no. 1 87-91 Ja-F '62.

Valdmanis, Andrejs. [Vitamins in stockbreeding] Vitamini lopkopiba Rīga, Latvijas PSR Zinatnu akademijas Izdevnieciba, 1961 92 p. [In Latvian]
(DA)

VITAMINS—A

New method of synthesizing vitamin-A from β-ionolidene-acetic aldehyde. Zh. A. Krasnaia, V. F Kucherov Zhur ob. Khim. 32 no 1 61-70 Ja '62.

VITAMINS—B_2 see Riboflavin

VITAMINS—B5 see Nicotinic acid

VITAMINS—B_6 see Pyridoxine

VITAMINS—B_{12} see Cyanocobalamine

VITAMINS—C see Ascorbic acid

VITAMINS—D

Successful treatment with vitamin D_2 of three patients with scleroderma. S. IU. Alibekov, Kh. M. Khalilov Vest derm i ven no 2;69-71 '62.

VITAMINS—G see Riboflavin

VITAMINS—P

Therapeutic action of vitamin P in acute and chronic nephritis. R. I. Gordon Vest AMN SSSR 16 no 12 20-24 '61

VITAMINS—PP

Effect of levomycetin, vitamin B_6 and vitamin PP on dysenterial infection in an experiment [with summary in English]. M. N Plotnikova Antibiotiki 7 no. 1;56-58 Ja '62.

VITEBSK—RADIOLOGY, MEDICAL

Work of the Vitebsk Roentgenological and Radiological Society M. S. Perlin Zdrav. Bel. 7 no 6;74 Ag '61

VITEBSK—RAILROADS—STATIONS

The track is clear! Alesi Asopenka. Rab. i sial. 37 no 6;3-3 Je '61.

VITEBSK—TUBERCULOSIS

Setting up a community council at tuberculosis dispensary. G. Bleizer. Zdrav Bel 7 no 6;71 Je '61

VITEBSK DISTRICT—SURGICAL SOCIETIES

Tenth anniversary of Vitebsk Province Surgical Society. I. Oleshkevich, V Velichenko Zdrav Bel 7 no 6; 66-67 Je '61

VITEBSK PROVINCE—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

For the triumph of communist ethics. N. Pakhomov. Komm. Bel. 38 no. 3;31-36 Mr '62

VITIM PLATEAU—BASALT

Age of basalts in the basin of the upper reaches of the Vitim River. A. N. Bulgatov Krasnoyarsk. sbor no. 6; 48-53 '61

VITIM PLATEAU—ZOOLOGY

Zoological research in the southern part of the Vitim Plateau in 1960. I V. Izmailov, I A Starkov. Krasnoyarsk sbor no 6;70-93 '61

VITOSHA MOUNTAINS—DESCRIPTION AND TRAVEL

The road leads from the capital. P. Mikhalev. Vokrug sveta no. 4;58-60 Ap '61.

VLADIMIR—CHILDREN—HOSPITALS

A return to life. Andrei Aldan-Sem 18 no 1,26-27 Ja '62.

VLADIMIR—H

When work i
no. 1

VLADIM
Review
no 10;

VLADIM
Unique
Sungi
135-1

VLADIM
Unique
Sungi
135-1

VLADIM
Produc
tions
VLTI

VLADIM
TRAI
We sun
trans

VLADIM
Payme
N. Bli
no. 1;

VLADIVOSTOK—THEATER

"Harsh field" IU Vinogradov Teatr 23 no 2 94-95 F '62

VOCAL CORDS—DISEASES

Myoclonia of the soft palate and vocal cords. V. M. Demidovich, N. IA. Rol'nik Med zhur Uzb no 9:64-65 S '61

VOCAL MUSIC—HISTORY AND CRITICISM

Words and music O Taktakishvili Sov. muz 26 no 2:11-14 F '62

VOCATIONAL EDUCATION

(see also subdivision under Andizhan Province; Kazakhstan, Moscow; Tselinograd, White Russia)

Editor's mail. D. E. Aksenov, P. S. Morgulis, Shkola i proizv 6 no 2 29 F '62

For an honorary title A. Enuchenko. Prof.-tekh. obr. 19 no 2 24 F '62

Improving production training of students in rural secondary schools L. N. Drozdov Shkola i proizv. 6 no 2:30-35 F '62

Inculcating the self-control in students during the study of bench work. V. V. Chebysheva Shkola i proizv. 6 no 2 53-57 F '62

Methods of studying the experience of progressive workers in schools. M. N. Glavin. Shkola i proizv 6 no 2:12-17 F '62

News from schools Prof.-tekh. obr. 19 no. 2, 32, 3 of cover F '62

School traditions. M. Dragimov. Prof.-tekh. obr. 19 no 2 22 F '62

Ways and forms of introducing children to work A. Kosarev Shkola-int no 1:45-52 Ja-F '62

Wide range of industrial training. V. M. Boldyrev, V. S. Il'in. Dokl. APN 5 no 3:5-7 '61.

VOCATIONAL EDUCATION—BIBLIOGRAPHY see Bibliography—Vocational education

VOCATIONAL GUIDANCE

(see also subdivision under United States)

Preparing seventh and eighth grade students for the choice of profession. M. I. Pylinev. Sov. pedag. 25 no. 2:55-60 F '62.

VOEVODIN, VSEVOLOD PETROVICH, 1907-

"There is no peace"; a novel by Vs. Voevodin. Reviewed by L. IAkimenko. Znamia 31 no 11 203-213 N '61.

VOGULS

Dermatoglyphics of some northeastern peoples of the U. S. S. R. (the Mansi and Komi). T. D. Gladkova. Vop. antr no. 6:109-112 '61.

VOLCANIC ASH, TUFF, ETC.

(see also subdivision under Armenia; Tym'-Poronay Valley)

Symposium on welded tuffs in the Soviet Union. V. I. Vlodavets, K. N. Rudich. Sov. geol. 4 no. 12 138-142 D '61.

VOLCANOES see subdivision under Armenia; Black Sea, Kamchatka

VOLGA-AKHTUBA CANAL—REGULATION

Regulation of the Volga-Akhtuba Canal by *self-erosion*. I. A. Kuz'min, L. I. Terent'ev. Trudy Gidroproekta no 4:255-265 '60.

VOLGA-AKHTUBA FLOOD PLAIN

Flood plains of many-branched rivers V. A. Nikolaev. Dokl. AN SSSR 142 no 6 1372-1373 F '62.

VOLGA-AKHTUBA FLOOD PLAIN—AGRICULTURE

Agricultural specialization in flood lands. IU. P. Kovyrialov. Dokl. i soob. VNIESKH no 11:93-98 '61.

VOLGA HYDROELECTRIC POWER STATION (22d CONGRESS OF THE CPSU) REGION—ANTIQUITIES

The archaeological work in the zone of the construction of the Stalingrad Hydroelectric Power Station, work results of the 1951-1957 expedition N. IA. Merpert, K. F. Smirnov. Krat. soob. Inst arkheol. no. 84:3-11 '61

VOLGA HYDROELECTRIC POWER STATION (22d CONGRESS OF THE CPSU)—CONCRETE

The concrete of the hydraulic structures of the Volgograd hydroelectric development. P. A. Kulakov, A. S. Abakumova. Gidr. stroi. 32 no 12:11-13 D '61.

VOLGA RIVER—ICE ON RIVERS, LAKES, ETC.

Changes in the time of the opening and the end of ice run in the Volga River following the construction of hydraulic structures. K. I. Rossinskii, A. A. Kondratskaia. Trudy Gidroproekta no. 4:289-297 '60

VOLGA RIVER—RUNOFF

Effect of reservoirs on the annual distribution of runoff of the Volga River at the gauge line in the lower bay of the Stalingrad Hydroelectric Power Station. V. A. Rutkovskaia. Sbor. rab. po gidrol no. 1:76-79 '59.

Forecasting the summer inflow of water at the Dnieper and Kuybyshev Hydroelectrical Power Stations. V. I. Sapozhnikov. Sbor. rab. po gidrol. no. 1:143-147 '59.

VOLGA RIVER—STEAMBOAT LINES

Sunny trip A. Nazarova. Sots. obesp 23 no 2 40-42 F '62.

VOLGA RIVER—WATER—COMPOSITION

Discharge of dissolved substances by the Volga River into the Caspian Sea. A. A. Zenin, A. V. Protsenko Gidrokhim. mat. 34:60-66 '61

Regimen of biogenous and organic substances and the gas composition of the water of the Volga River near Volgograd (1957-58). A. A. Zenin, A. V. Protsenko Gidrokhim. mat. 34,48-59 '61

Regimen of principal ions in the water of the Volga River near Volgograd (1957-58) A. A. Zenin, A. V. Protsenko. Gidrokhim. mat 34:32-47 '61.

VOLGA-URAL REGION—GEOLOGY

Transgression boundary of the Akchagyl Sea in the Volga-Ural region S. K. Gorelov Dokl. AN SSSR 142 no 5. 1137-1139 F '62

VOLGA-URAL REGION—GEOLOGY, STRATIGRAPHIC

A new spore complex and the boundary between the middle and upper Devonian in the Volga-Ural region A. D. Arkhangel'skaia Dokl AN SSSR 142 no. 4 891-892 F '62

Stratigraphic significance of spores from terrigenous deposits of the Staryy Oskol and Mullinskiy horizons of the middle Devonian in areas of the Volga-Ural region. A. B. Filimonova Dokl AN SSSR 142 no 1 909-912 F '62.

VOLGA-URAL REGION—PALEOBOTANY, STRATIGRAPHIC

Plant (?) remains of unknown systematic position from deposits of the Bavly series of the Volga-Ural petroleum province E. D. Shepeleva. Dokl AN SSSR 142 no 2 456-457 Ja '62

VOLGA VALLEY—ALLUVIUM

Role of glacial sedimentations in the formation of the alluvium in glacial and periglacial zones. G. V. Obidientova. Izv. AN SSSR. Ser. geog. no. 1 83-89 Ja-F '62

VOLGA VALLEY—ARCHAEOLOGY

Hazar Atlantis. A. Alekseiin, L. Gumilev. Az. i Afr. seg. no. 2:52-53 F '62.

VOLGA VALLEY—ASH (TREE)

Biological and silvicultural characteristics of grafts and hybrids of ash in the lower Volga Valley. I. V. Kalinina. Sbor nauch.-issl. rab. po zashch lesorazved. no. 2: 92-109 '59.

VOLGA VALLEY—DRIFT

Role of glacial sedimentations in the formation of the alluvium in glacial and periglacial zones. G. V. Obidientova Izv. AN SSSR Ser. geog. no 1:83-89 Ja-F '62.

VOLGA VALLEY—ECONOMIC GEOGRAPHY

Malyeev, G. P., G. A. Privalovskaia, and B. S. Khorev. [The Volga-Vyatka Region; economic and geographical features] Volgo-Viatskii raion; ekonomiko-geograficheskaia kharakteristika. Moskva, Gos. izd-vo geogr. lit-ry, 1961, 533 p.

VOLGA VALLEY—EVERGREENS

Spruce, Douglas fir, juniper, and thuja in Chestnut soils of the lower Volga Valley. P. K. Balashov. Sbor nauch.-issl. rab. po zashch lesorazved no 2,24-53 '59.

VOLGA VALLEY—GEOLOGY, STRATIGRAPHIC

Some problems of the stratigraphy of Paleogene sediments in the lower Volga Valley [with summary in English] G. P. Leonov. Biul. MOIP. Otd geol. 37 no. 1:85-109 Ja-F '62.

VOLGA VALLEY—GEOMORPHOLOGY

Main morphostructures of the central part of the Volga Valley and Ural Mountain Region. A. P. Rozhdestvenskii, IU. E. Zhurenko. Izv. AN SSSR. Ser. geog. no. 1:17-23 Ja-F '62.

VOLGA VALLEY—MAN—ORIGIN

Anthropological data on the origin of the peoples of the Volga-Kama region. M. S. Akimova. Vop antr. no. 7: 28-40 '61.

VOLGA VALLEY—PETROLEUM

Electron microscope study of the change of sulfur compounds in intermediate distillate fuels from Volga Valley oil during heating. IA. B. Chertkov and others Zhur. prikl. khim. 35 no. 2:304-307 F '62.

VOLGA VALLEY—PHOSPHATES

Agricultural evaluation of Volga Valley phosphorites. S. B. *Molchadskii* Pochvy IUzh. Urala i Povol no. 4: 181-186 '60.

VOLGA VALLEY—SARMATIANS—CRANIOLOGY

Sarmatians of the lower Volga Valley; according to anthropological materials from excavations in the lower reaches of the Yeruslan River in Stalingrad Province B. V. *Firshtein*. Trudy Inst. etn. 71:53-81 '61.

VOLGA VALLEY—SLAVS—CRANIOLOGY

Craniology of the medieval population of the Volga and Dnieper basins, a preliminary report T. I. Alekseeva Vop antr no 8 110-144 '61

VOLGA VALLEY—SOIL RESEARCH

Some results and tasks of soil research in the Southern Urals and the Volga region S. N. Tadzhiev Pochvy IUzh. Urala i Povol no. 4 4-15 '60

VOLGA VALLEY—STATE FARMS

Work and people on the "Volgo-Don" State Farm V. Popov Ekon. sel'khoz. 12 no 12:100 D '62

VOLGA VALLEY—WATER—COMPOSITION

Hydrochemical chart of surface waters of the arid zone of the trans-Volga region. N. V. Vernigorskii, G. P. Kiriienko. Gidrokhim. mat. 34:19-31 '61.

VOLGA VALLEY—WOODY PLANTS

Effect of the degree and character of soil moisture on the growth and state of trees and shrubs in the protective areas of the lower Volga Valley M. P. Popova Trudy *VNIALMI* no 31 72-116 '60

VOLGIN, ANATOLII MIKHAILOVICH

In full measure. A. Ilgin. Neva, no. 8:177-178 '61

VOLGOGRAD—COMMUNITY LIFE

Flowers and people V. Pautsev Kult.-prosv. rab. no 1 28-29 Ja '62

VOLGOGRAD—INDUSTRIAL HYGIENE

Our duty. I. Korolev. Okhr. truda i sotsstrakh no. 2,13 F '62

VOLGOGRAD—MACHINERY INDUSTRY—HYGIENIC ASPECTS

Watching over the work of machine builders B. Brokhovetskii. Okhr. truda i sotsstrakh no. 11-14 Ja '62.

VOLGOGRAD—RESTAURANTS, LUNCHROOMS, ETC.

In the city of legendary glory. A. Pozdniev Obsh. pit no 11 20-22 N '61

VOLGOGRAD—TRACTOR INDUSTRY

Nikolai Patrikhailovich's brigade. V. A. Shvenko Mast. sotsstroitel' no 2:11 F '62.

Some automation problems at the Kharkov and Volgograd Tractor Plants (A. A. Vasil'ev. Nauch. trudy no. 18:103-116 '61

VOLGOGRAD PROVINCE—GAS, NATURAL. GEOLOGY

Prospecting methods and oil pools in Volgograd [illegible] G. A. Brazhnikov, T. L. Veanina Sov geol 5 no 7 122-126 F '62.

VOLGOGRAD PROVINCE—GEOLOGY, STRUCTURAL *MAPS*

Tectonic pattern of Volgograd Province. A. [illegible] and others. Geol. nefti i gaza 6 no. 2 [illegible]

VOLGOGRAD PROVINCE—PENSIONS

Eliminating shortcomings. N. Romanchikov. Sots. obesp 23 no. 2 12-13 F '62.

VOLGOGRAD PROVINCE—PETROLEUM GEOLOGY

Prospecting methods and oil pools in Volgograd Province G. A. Brazhnikov, T. L. Veanina. Sov. geol 5 [illegible] 122-126 F '62.

VOLGOGRAD PROVINCE—PINE

Conditions in pine habitats of the Kamyshin [illegible] Surmach. Sbor. nauch. -issl. rab. po zashch lesorazved no. 2:54-66 '59.

VOLGOGRAD PROVINCE—SCOTCH PINE

Natural regeneration of Scotch pine in the plantations of the Kamyshin Experimental Station. M. D. Arifov. Sbor nauch. -issl rab po zashch. lesorazved [illegible] 17-23 '59.

VOLGOGRAD REGION—GEOLOGY, STRATIGRAPHY

The geological age of the Stalingrad paleolithic [illegible] V. I. Gromov. Krat. soob. Inst. arkheol. no 32 27 [illegible] '61.

VOLGOGRAD REGION—PALEOBOTANY

On the type of vegetation in the region of Stalingrad in the epoch of the middle *paleolithic*. A. G. Chikishev, N. IA. Khvalina. Krat. soob. Inst. arkheol no 32 [illegible] '61.

VOLGOGRAD REGION—STONE AGE

The Stalingrad paleolithic site. S. N. Zamiatnin, [illegible] soob. Inst. arkheol. no. 82:5-30 '61.

Traces of tooling on the implements and *evidence* of Neanderthalers' work with the right hand. [illegible] the materials from the Stalingrad ancient sites. [illegible] *Semenov*. Krat. soob. Inst. arkheol. no 31 12-15 [illegible]

VOLGOGRAD REGION—STONE IMPLEMENTS

Traces of tooling on the implements and evidence of Neanderthalers' work with the right hand, based on the materials *from the* Stalingrad ancient site [illegible] Semenov. Krat soob. Inst. arkheol. no. 31:12 [illegible]

VOLHYNIA—GARNET

Garnet from the garnet-pyroxene-plagioclases of western Volhynia [with summary in English on p 191] G M Gnativ. Min. sbor. no 14:272-284 '60.

VOLITION see Will

VOLKHOV—STUDENT ACTIVITIES

Little masters of the big house. Kul't.-pros. rab. 23 no. 2:32 F '62

VOLKOV, VASILII VASIL'EVICH

"Morning on the steppes"; a novel by Vasilii Volkov. Reviewed by Vl Sashonko Neva no 9:209-210 '61.

VOLNOVAKHA REGION—GARNET

Garnet from skarns of the Volnovakha fault zone [with summary in English on p. 496] S V Nechaev. Min sbor. no. 14:366-369 '60.

VOLODARKA DISTRICT—MAGNETIC ANOMALIES

Preliminary results of the study of magnetic anomalies of the Volodarka group. P M. Rudnyts'kyi Geol zhur 21 no. 6:44-55 '61.

VOLOGDA—ART

Forty years of the artistic life of Vologda A. N. Munin, V. S. Zheleznlak. Volog kraI no 1,170-184 '59

VOLOGDA—GEOGRAPHICAL SOCIETIES

Brief report on the work of the Vologda Branch of the Geographical Society of the U. S. S. R. V. I. Veselovskaia. Volog kraI no 1:195-199 '59.

VOLOGDA GOVERNMENT—REVOLUTION, 1917-1921

October Revolution in the Vologda village. L. I. Chudodeeva. Volog. kraI no. 1:7-18 '59.

"Vologda Bolsheviks in the struggle for the Soviet regime" by N. V. Lebedev Reviewed by P. K. Perepechenko, I. F. D'iakonitsyn. Volog. kraI no 1:200-205 '59

VOLOGDA PROVINCE—CITIES AND TOWNS

Cities of Vologda Province. V. I. Veselovskaia. Volog kraI no. 1:74-93 '59.

VOLOGDA PROVINCE—CLIMATE

Changes of climatic elements in Vologda Province during recent years. N. P. Antipov. Volog kraI no 1:107-124 '59

VOLOGDA PROVINCE—ECONOMIC GEOGRAPHY—CONGRESSES

"Transactions of the Conference on the Study of Vologda Province." Reviewed by N. N. Sokolov Volog kraI no. 1:211-214 '59.

VOLOGDA PROVINCE—GEOMORPHOLOGY

Geomorphological regions in the western part of Vologda Province. IU. A. Savinov Uch zap. LGU no 298. 107-123 '61.

VOLOGDA PROVINCE—LACE AND LACEMAKING

Lace makers approve the device. V. Semenov. Mest. prom. i khud. promys. 3 no. 2:35 F '62.

VOLOGDA PROVINCE—NATURAL HISTORY

"Natural history of Vologda Province." Reviewed by A. M. Arkhangel'skii. Volog. kraI no 1:206-210 '59

VOLOGDA PROVINCE—SKIN—CANCER

Skin cancer in Vologda Province; according to data of the Provincial oncological dispensary. G. I Zverev Vop onk 8 no 1:98-101 '62.

VOLOZHINO (MOGILEV DISTRICT)—DRUGSTORES

Award of the lofty title "Communist Labor Group" P. Latyshev. Zdrav Bel 7 no 6:69 Je '61

VOLTAGE REGULATORS

(see also subdivision under Armenia)

Shcherbakov, O. K. [Electronic and transistor voltage regulators for low and medium power d. c. and a. c. generators] Elektronnyi i poluprovodnikovyi regulitory napriazheniia dlia generatov postoiannogo i peremennogo toka maloi i srednei moshchnosti. Moskva, In-t tochnoi mekhaniki i vychislitel'noi tekhn. Akad. nauk SSSR, 1957. 18 p.

Voltage limiters for preventing overload of instruments. I. A. Nuzhdina, V. E. Chernyshev. Izm tekh no. 3: 41-42 Mr '62.

VOLYN-PODOLIAN UPLAND—DENTALIIDAE, FOSSIL

Dentaliidae of the Cretaceous sediments of the Volyn-Podolian Plateau V. T. Levyts'kyi Nauch. zap. Nauk.-pryrod. muz. AN URSR 9 24-28 '61.

VOLYN-PODOLIAN UPLAND—GEOLOGY, STRATIGRAPHIC

Cretaceous sediments of the Volyn-Podolian Plateau and possibilities of their exploitation in the building industry. S. I. Pasternak, S. P. Kotsiubyns'kyi. Nauk. zap Nauk.-pryrod. muz. AN URSR 9:31-34 '61.

VOLYN PROVINCE—AGRICULTURE

High spirits. Borys Sylin. Ukraina no. 4.4-5 F '62.

VOLZHSK DISTRICT (MARI A.S.S.R.)—GOITER

Endemic goiter in the Volzhsk District. A. M. Khakimova. Kaz. med. zhur. no. 6,70-71 N-D '61.

VOMITING

Vomiting inducing action of alkaloid vincanidin M. B. Sultanov. Med zhur. Uzb no 6:30-32 Je '60

VORKUTA REGION (KOMI A.S.S.R.)—GEOLOGY, STRATIGRAPHIC

Composition and structure of frozen Quaternary sediments in the Vorkuta region T. N Zhestkova Trudy Inst. merzl AN SSSR 17:17-24 '61

VORONEZH—OLD-AGE HOMES

Why the director lost his place. L Godin. Sots obesp. 23 no 2,35-37 F '62.

VORONEZH—RUBBER, SYNTHETIC

An important work carried out by the Faculty of Economics Vest Mosk un Ser 8 Ekon. filos 17 no 2 93-96 Mr-Ap '62

VORONEZH—SCHOOL SUPERVISION

Group work should be creative. I Sysoev Nar. obr. no 3 76-78 Mr '62.

VORONEZH—SERVICE INDUSTRIES

In the center of Voronezh. D. Cheredov. Meat. prom. i khud. promys. 3 no 2:28 F '62

VORONEZH PROVINCE—CHILDREN'S CLUBS

Our Pioneer's club A Fomenko Kul't.-pros rab 23 no 1 20-21 Ja '62

VORONEZH PROVINCE—FOREST MANAGEMENT

Regeneration of inferior plantations in the forest working circles of Voronezh Province. S. M Rikhert, G. M. Bukhovets. Nauch zap. VLTI 23 81-95 '61.

VORONEZH PROVINCE—FORESTS AND FORESTRY

History of overmature plantations of the Tellermanskoye Forest E. G Gnatenko Nauch. zap. VLTI 23 107-115 '61

VORONEZH PROVINCE—HISTORY—STUDY AND TEACHING

Working on local history after the 22d Congress of the CPSU. T S. Pchel'nikov Prep ist v shkole 17 no 2 89-91 Mr-Ap '62.

VORONEZH PROVINCE—MINES AND MINERAL RESOURCES

Dubinskii, A. A., and V. E. Shtempel'. [Mineral wealth of Voronezh Province] Poleznye iskopaemye Voronezhskoe knizhnoe izd-vo, 1961, 74 p. [MICROFILM]

VORONEZH PROVINCE—PINE

Effect of age on the developmental characteristics of advance pine and spruce growth in clear cut areas of cowberry-pine forests. N. I Mamonov Nauch. zap VLTI 23 117-123 '61

VORONEZH PROVINCE—SPRUCE

Effect of age on the developmental characteristics of advance pine and spruce growth in clearcut areas of cowberry-pine forests N. I. Mamonov. Nauch. zap VLTI 23,117-123 '61.

VORONTSOV, DANYLO SEMENOVYCH, 1886-

Danylo Semenovych Vorontsov; on his 75th birthday. O. F. Makarchenko, S. I. Fudel'-Osypova, P. H Kostiuk. Fiziol. zhur. [Ukr.] 8 no. 1:3-12 Ja-F '62.

VOROSHILOVGRAD PROVINCE see Lugansk Province

VORTEX MOTION

Formation and change of large-scale vortices in the atmosphere Vl Sharov. Meteor i gidrol. no. 2.9-15 F '62

VOSKRESENSK—BOOKSELLERS AND BOOKSELLING

In a friendly circle. I. Verkhovtsev. Sov. knizh. torg. 15 no. 1.36-37 Ja '62.

VOTKINSK DISTRICT—ADULT EDUCATION

People's university and production. A. Nikitin. Kul't.-pros. rab. 23 no. 2:14-16 F '62

VOTKINSK HYDROELECTRIC POWER STATION REGION—LAND

Economic causes of changes in the land use in the region of the Votkinsk Hydroelectric Power Station G V. Simonov. Trudy MIIZ no. 8:95-104 '59.

VOYAGES AND TRAVELS—BIBLIOGRAPHY see Bibliography—Voyages and travels

VULCANIZATION

Determination of the optimum vulcanization time by the measurement of the static compression modulus of rubber. V. A. Lepetov, A. D. Chelmodeev Kauch i rez. 21 no. 2:34-36 F '62,

Electric vulcanization of hose. N. Petrov. Pozh. delo 8 no 2 23-24 F '62

Improved device for determining the kinetics of vulcanization of compounding ingredients. A. I TSvetkov, D. L. Fedlukin, N. V. Zakharenko. Kauch. i rez. 20 no. 9:31-32 S '61.

Induction vulcanizer. N V IAskol'dovich, N. N. Golovach Ugol' 36 no 7 30 Jl '61

Radiation vulcanization of butadiene-nitrile rubbers. A. S. Kuz'minskii, T. IA. Abramova, M V Zueva Kauch i rez. 20 no 9:12-15 S '61.

Separate determination of silicon, iron and aluminum in raw resinous mixtures and vulcanizates from silicon rubber. R A. Mogilevskaia, A I Nikitina Kauch i rez 20 no. 9:39-40 '61

Some peculiarities of vulcanizing films made of chloroprene latex. V. V. Chernaia, G R Mazina. Kauch i rez. 20 no. 9:8-11 S '61.

Use of phenothiazine (thiodiphenylamine) as an antifatigue agent for vulcanizates from NK, SKI, and SKS-30AM S. N. Tarasova and others Kauch i rez 20 no. 9:15-18 S '61.

Vulcanizates of fluorocopolymers of the "Viton A" type containing benzoyl peroxide A S Novikov, F A Galil-ogly, N S. Glinskaia. Kauch. i rez 21 no 2:4-10 F '62

VULCANIZATION—EQUIPMENT AND SUPPLIES

Electric vulcanizing device with automatic temperature regulation N F Fliger. Tekh. v sel'khoz. 22 no. 1 48-50 Ja '62.

New ring vulcanizer. G. Rudakov. Avt. transp. 40 no. 2:22-23 F '62

Temperature field of the press mold of a hot vulcanization press Report No. 2. V. N Naumov Nauch trudy MTILP no. 18:132-146 '60

VULVA—CANCER

Radiological and combined therapy for cancer of the external genitalia in women [with summary in English] N P. Paplian. Vop onk. 7 no. 7 58-63 '61.

VULVA—TUMORS

Adenoma of the sebaceous gland of the labium majus pudendi [with summary in English] B V. IAdvizhin Vop onk 8 no 2:77-79 '62

VUORIYARVI REGION—CARBONATITES

Mineralogy of dolomite-calcite carbonatites in the Vuoriyarvi massif. L. V Kozyreva, G A Il'inskii. Mat. po min. Kol'. poluost. 1:59-76 '59.

VYATKA VALLEY—ECONOMIC GEOGRAPHY

Matveev, G. P., G. A. Privalovskaia, and B. S. Khorov. [The Volga-Vyatka Region, economic and geographical features] Volgo-Viatskii raion; ekonomiko-geograficheskaia kharakteristika. Moskva, Gos. izd-vo geogr. litry, 1961, 533 p.

VYATKA VALLEY—TERRACES (GEOLOGY)

Age of terraces in the middle of the Vyatka River [with summary in English]. N. G. Ivanova Biul. MOIP. Otd. geol. 37 no. 1:111-119 Ja-F '62

VYAZNIKI—ANTIQUITIES

Early Russian settlement near the city of Vyazniki. V. V. Sedov. Krat. soob. Inst. arkheol. no 85 95-105 '61.

VYGONICHI—COMMUNITY LIFE

Debate in Vygonichi. R. Naidovich. Kul't.-pros rab. 23 no 2:17 F '62.

VYSHKOVO REGION (TRANSCARPATHIA)—ORE DEPOSITS

"Minerals in the Vishkovo ore deposit" by Erik Lazarenko. Reviewed by A. I. Slavenkia Min sbor. no. 14: 434-436 '60.

VYSOKOYE—CREAMERIES

One of the best workers. Zh. Kubekava. Rab. i stal. 37 no. 7:5 Jl '61.

WAGE PAYMENT SYSTEMS

(see also subdivision under Germany, East; White Russia)

Labor and wages. I. Kuznetsov. Sov. profsoiuzy 18 no 1:21-23 Ja '62.

WAGES

(see also subdivision under Armenia)

Determination of the amount of work and the wage system. N. N. Gvozdev Vest. Mosk. un. Ser 8 Ekon., filos 17 no. 2 28-39 Mr.-Ap '62.

Forms of wages on collective farms of Uzbekistan during the first five-year plan, 1928-1932. K. Muminov. Nauch. rab. i soob. Otd. obshchestv. nauk AN Uz SSR 2: 89-96 '61.

Increase control over wage fund disbursement. M. Zotov. Den. i kred. 20 no. 2:15-22 F '62.

Supplement to standard regulation on the piecework and hourly bonus wage systems for the workers of light-industry enterprises Biul Gos. kom. po vop truda i zar. platy no 9 12 '61.

Tomasevskis, S. [Norms of output and wages in industrial enterprises] Darbo normavimas ir darbo uzmokestis pramones imonese. Vilnius, Valstybine politines ir mokslines literatures leidykla, 1961. 42 p. [In Lithuanian]

WAGES—AERONAUTICS, COMMERCIAL

New trends in wages. IA. I. Prutkin. Grazhd. av. 18 no. 11:24-26 N '61.

WAGES—BIBLIOGRAPHY see Bibliography—Wages

WAGES—CONSTRUCTION INDUSTRY
Amendment to paragraph 23 of the regulation on bonuses to managerial, engineering and technical personnel in construction and assembly work on capital repairs. Biul Gos kom po vop truda i zar platy no 9:17 '61

Kazakin, V. V., and M. V. Dremin. [New wage system in the construction industry.] Novye usloviia oplaty truda v stroitel'stve. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 92 p.

Supplements to paragraph 12 of the regulation on bonuses to managerial engineering and technical personnel in construction and assembly work on capital repairs. Biul Gos kom po vop truda i zar platy no 9:16 '61

WAGES—FARM MECHANIZATION
Supplementing the standard list of occupations and work paid according to the wage schedule established for workers engaged in work under high temperatures, difficult and harmful conditions in repair shops of machinery stations, for soil and meadow improvement on state farms and lumber camps as well as other agricultural enterprises and the biological industries. Biul Gos kom po vop truda i zar platy no 9:13 '61

WAGES—GEOLOGISTS
Supplement to the standard regulation on bonuses to managerial, engineering and technical personnel in geological organizations. Biul Gos kom po vop truda i zar. platy no 9:19 '61

WAGES—HORSE BREEDING
Wage system for the workers of government studs and criteria for assigning government studs to managerial, engineering and technical (specialist) wage groups. Biul Gos. kom po vop truda i zar. platy no. 9:5 '61.

WAGES—INLAND WATER TRANSPORTATION
Wages for the navigation crews of propaganda ships in river transportation. Biul. Gos kom po vop truda i zar platy no 9 6-7 '61

WAGES—MOTION-PICTURE INDUSTRY
Wages for employees of motion-picture theaters that have branches. Biul Gos kom po vop truda i zar platy no 9 14 '61

WAGES—PEAT INDUSTRY
Bonuses to engineers and technicians in peat industry trusts and combines. Biul Gos kom po vop truda i zar. platy no 9 18 '61

WAGES—RAILROADS
Likin, A. I., L. G. Gribov, and I. S. Remennikov. [Wages of workers engaged in locomotive operation, maintenance and repair, handbook.] Oplata truda rabotnikov lokomotivnogo khoziaistva, spravochnik. Pod obshchei red. I. F. Ilirchenko. Moskva, Vses. izdatel'sko-poligr. poligr. ob"edinenie M-va putei soobshcheniia, 1961. 254 p.

Russia (1923- U. S. S. R.) Glavnoe upravlenie puti i sooruzhenii. Normativno-instruktorskaia stantsiia No. 4. [Standard production norms for operations in the shops of railroad divisions and track machinery points, put into effect simultaneously with the new wage systems for workers.] Tipovye normy vyrabotki na raboty masterskikh distantsii puti i putevykh mashinnykh stantsii, vvodiatsia v deistvie odnovremenno s novymi usloviiami oplaty truda rabochikh. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 147 p.

WAGES—SURVEYING
Paying field allowances to workers of expeditions, parties, and detachments in land utilization service. Biul Gos. kom po vop. truda i zar. platy no. 9 15 '61

WAGES—TEXTILE INDUSTRY
Partial amendments to standard regulations on the piecework and hourly bonus systems for workers in

WALL NEWSPAPERS
(see also subdivision under Bukovina)

Vitalkov, S. P., and L. N. Andreeva. [On daily wall newspaper.] Nasha ezhednevnaia stennaia gazeta. [Leningrad] Lenizdat, 1961. 29 p. (Bibliotechka rabochego i sel'skogo korrespondenta)

WALLS
Akademiia stroitel'stva i arkhitektury SSSR. Institut stroitel'noi fiziki i ograzhdaiushchikh konstruktsii. [Instructions for designing, manufacturing, and using wall panels in the construction of apartment houses and public buildings.] Ukazaniia po konstruirovaniiu, izgotovleniiu i primeneniiu stenovykh panelei v stroitel'stve zhilykh i obshchestvennykh zdanii. Moskva, Gos. izd-vo lit-ry po stroit. arkhit. i stroit. materialam, 1961. 149 p.

Drying walls in the Far North by shielding heat. B. Berezovskii. Zhil. stroi. no 12 14-16 '61

WALLS—TESTING
Experimental device for determining the aerodynamic and thermotechnical properties of walls. G. Kupreev. Zhil. stroi. no 12,26 '61

WALNUT
Natural interspecific hybrid from the genus Juglans. N. G. Akimochkin. Biul. Glav. bot. sada no 41 11-14 '61

WALNUT—DISEASES AND PESTS
Melaxuma of the walnut. G. R. Ibragimov. Trudy AzSTAZRa 1,106-114 '60

WALNUT BLIGHT
Basis of measures for controlling walnut blight. G. R. Ibragimov. Trudy AzSTAZRa 1,123-134 '60

WAR
Butenko, A. P. [War and revolution.] Voina i revoliutsiia. Moskva, Gos. izd-vo polit. lit-ry, 1961. 47 p.

Leninist ideas of the transformation of imperialist war into civil war; based on the materials of the peasant unrest in the southern Ukraine in 1914-1917. IU. V. Syzonenko. Pratsi Od. un. 150. Ser. susp. nauk no 3: 270-281 '60

WAR—ECONOMIC ASPECTS
Lagovskii, A. N. [Strategy and economics, a brief account of their interrelation and mutual influence.] Strategiia i ekonomika, kratkii ocherk ikh sviazi i vzaimnogo vliianiia. 2., perer. i dop. izd. Moskva, Voen. izd-vo M-va oborony SSSR, 1961. 262 p.

WAR CRIMINALS see subdivision under Germany, West

WAR MEMORIALS see subdivision under Leningrad; Moscow

WAREHOUSE RECEIPTS
Simplify the verification of documents and accounting for foodstuffs at wholesale bases. G. Dundukov, V. Kul'kutin. Bukhg. uchet 19 no 1:51-58 Ja '62

WARSAW—MUSIC FESTIVALS
Crisis of creative fantasy? V. Pospíšil. Sov. muz. 26 no. 2:124-125 F '62.

The fifth "Autumn." S. Akshuk. Sov. muz. 26 no. 2: 120-123 F '62.

WASHING MACHINES—TESTING
Method of evaluating the technological efficiency of fabric washing machines. M. G. Shikher. Tekst. prom. 21 no. 6:82-84 Je '61.

WASPS see subdivision under Georgia

WATER
Specific heat (c_v) of water and water vapor in phase transitions and supercritical parameters. Kh. I. Amirkhanov, A. M. Kerimov. Dokl. AN SSSR 142 no. 5: 1101-1104 F '62.

Underwater radioactivity spectrum (from "Nature," vol. 188, no. 4747, 1960). Okeanologiia 2 no. 1:190 '62

WATER—ANALYSIS
(see also subdivision under Lielupe River)

Analysis of oxygen dissolved in water. R. L. Babkin, K. P. Epelkina. Teploenergetika 9 no. 2:48-54 F '62.

Colorimetric analysis of small quantities of oxygen dissolved in water. V. P. Roishtein, Y. M. Shemiakin. Teploenergetika 9 no. 2:54-56 F '62.

Determining sulfates in water extracts and natural waters by the trilonometric method. P. G. Grabarov. Izv. AN Kazakh. SSR Ser. bot. i pochv. no. 2:90-93 '61

Method of determining microgram quantities of reducing sugars in natural waters by the use of alkaline solution of bivalent copper. A. D. Semenov, I. N. Ivleva, V. G. Datsko. Gidrokhim. mat. 34:136-146 '61.

Method of determining the total amount of carbon dioxide in mineral waters. P. A. Kriukov, S. S. Zavodnov. Gidrokhim. mat. 34:114-118 '61.

WATER—COMPOSITION
(see also subdivision under Arctic Ocean; Don River, Russia, Northern; Volga River; Volga Valley, White Russia)

Annual distribution of ion discharge in rivers of the U. S. S. R. O. A. Alekin, L. V. Brazhnikova. Gidrol. issled. 7:15-18 '61.

Modification of M. G. Kurlov's formula. U. M. Akhmedzafin, Zh. Sydykov. Gidrokhim. mat. 31 164-165 '61

Waters of the Dagi geysers on Sakhalin; formation of the chemical composition of calcium chloride waters. N. D. Ivanenko. Trudy VNIGRI no. 181:203-212 '62

WATER—PURIFICATION
Device for treating water in a magnetic field. A. Tagin. Tekh. v sel'khoz. 22 no 1:55-58 Ja '62.

Kul'skyi, L. A., and I. T. Horonovs'kyi. [Automatic plants for controlling and regulating chemical and technological water-treatment processes.] Avtomatychni prystroi dlia kontroliu ta rehuliuvannia khimiko-tekhnolohichnykh protsesiv obrobki vody. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 126 p.

New projected designs of the sand traps of sewage purification plants. V. I. Kalitman. Izv. vyss. ucheb. zav., stroit. i arkhit. 4 no. 6:91-96 '61

Selecting the load of contact clarifiers by using the theory of modeling. V. A. Mikhailov. Trudy NPI 114: 31-36 '61.

Study of the absorption method of measuring the concentration of active sediment. I. L. Fedorov. Izv. vys. ucheb. zav. stroit. i arkhit. 4 no. 6:84-90 '61.

Use of UNF-30 for purifying water contaminated with some microbes. N. V. Ryzhov, L. V. Ishimnikov. Voen.-med. zhur. no 9,11-13 Ag '61

WATER—SOFTENING see subdivision under Moscow

WATER (IN RELIGION, FOLKLORE, ETC.) see subdivision under Azerbaijan

WATER, UNDERGROUND
(see also subdivision under Carpathian Mountain; Caspian Lowland; Crimean Mountains; Daghestan, Lakutsk Basin; Kaluga Highland; Kama Valley; Kazakhstan; Kurgan Province, Moldavia; Naftalan region; Pechora Basin, Palenye; Pripet Valley, Russia, Northern, Turgay Gates; Virgin Territory)

Aims and problems of large-scale hydrogeological surveys. A. A. Makkaveev. Sov. geol. 5 no. 2:127-129 F '62.

Basic principles of the theory of the flow of underground waters. A. N. Befani. Shor. rab. po gidrol. no. 1:5-12 '59

Combined study of water-bearing layers intended for underground gas storage. A. I. Khein and others. Trudy VNIIGAZ no 11:3-15 '61

Combined water collector. Vod. i san. tekh. no. 3:32 F '62

Concerning the term "zone of aeration" and its role in hydrogeology. M. P. Rasposov. Izv. vys. ucheb. zav., geol. i razv. 5 no 1 89 Ja '62

Effect of the geometry of injection and discharge systems on the efficiency of pumping gas into a water-bearing layer. A. I. Khein, G. I. Zadora, P. IA. Altukhov. Trudy VNIIGAZ no. 11:340-366 '61.

Experimental study of fluid displacement by gas in connection with underground storage of gas in water-bearing structures. A. I. Khein, S. N. Buzinov, P. IA. Altukhov. Trudy VNIIGAZ no. 11:266-276 '61.

Experimental study of the two-stage process of dehydrating a water-bearing layer with gas. A. I. Khein, S. N. Buzinov, P. IA. Altukhov. Trudy VNIIGAZ no 11: 206-345 '61.

Hydrogeologic regionalization of fold-mountain countries. N. A. Marinov. Sov. geol. 5 no. 2:80-97 F '62.

Hypothesis of the formation of natural solutions. V. F. Darpgol'ts. Dokl. AN SSSR 142 no 6:1304-1306 F '62.

Interchange between the water in the ground and the water in rivers. I. T. Fedorov. Trudy Gidroproekta no. 4:24-17 '60.

M. V. Lomonosov's theory on underground waters, their forms and activity. V. A. Perevalov. Geol. i geofiz. no. 11,115-119 '61.

Method of setting up boundaries for artesian and oil- and gas-bearing basins. E. A. Bars and others. Izv. vys. ucheb. zav. geol. i razv. 4 no. 11:95-101 N '61.

Nonsteady fluid and gas flow toward imperfect wells in the case of spontaneous pressure or yield changes on well bottoms. A. I. Khein. Trudy VNIIGAZ no. 11:175-202 '61.

Role of thermal diffusion in the transformation process of radon-bearing waters. M. A. Shurshalina. Sov. geol. 4 no. 12:128-131 D '61.

[illegible]

gidrogeologicheskim gidrokhimicheskim i mikrobiologicheskim issledovaniiam dlia otsenki perspektiv neftegazonosnosti nedr. [By] G. V. Bogomolov i dr. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 263 p.

WATER, UNDERGROUND (Continued)

Using the method of A. Krogh and A. Keys for determining organic nitrogen in underground waters. M. IA. Dudova Vop. gidrogeol. i inzh. geol. no 19:163-171 '61

WATER, UNDERGROUND—ANALYSIS

Determination of boron in natural waters. T. A. Glebovich. Vop. gidrogeol i inzh geol no. 19:172-182 '61

Method of determining the organic carbon in highly mineralized underground waters. A. A. Brodovskaia Gidrokhim. mat. 34:147-156 '61.

Studying the completeness of the concentration of microcomponents in natural waters by means of radioactive isotopes. I. IU. Sokolov, V. A. Pollakov, V. V. Lushnikov Vop. gidrogeol i inzh. geol no 19:103-186 '61

WATER, UNDERGROUND—COMPOSITION

Dutov, S. A. [Synthesis in hydrochemistry; origin of the salt composition of natural waters] Sintez v gidrokhimii, proiskhozhdenie solevogo sostava prirodnykh vod. [Rostov-na-Donu] Rostovskoe knizhnoe izd-vo, 1961. 245 p.

WATER, UNDERGROUND—CONGRESSES

Symposium on the resources of underground waters G. V. Bogomolov Vest AN SSSR 32 no. 3,77-78 Mr '62

WATER GAS see subdivision under Armenia

WATER HAMMER

Determining the intensity of water hammer in the pulp line during hydraulic transportation of sand. A. G. Dzhvarsheishvili Soob. AN Gruz SSR 27 no 6: 731-737 D '61.

Water hammer in an elastic pipeline [with summary in English]. M. O. Kil'chevs'kyi and others. Dop. AN URSR no. 2:165-169 '62.

WATER HEATERS

Concerning the use of an expansion tank in water heat system. B. I. Genkin Energetik 10 no 3:34 Mr '62

WATER HEMLOCK

Pharmacognosy of Cicuta virosa [with summary in English] T. P. Berezovskaia Apt. delo 10 no 6:38-42 N-D '61.

WATER METABOLISM

Changes in the water and salt metabolism of dogs exposed to radioactive substances. Z. I. Poluboiarinova. Radiobiologiia 1 no. 6,866-873 '61

WATER ON THE BRAIN see Hydrocephalus

WATER PIPES

Akademiia stroitel'stva i arkhitektury SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu [Installation of exposed water pipes] Montazh naruzhnykh truboprovodov Izd. 2., ispr Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 244 p. (Serila prakticheskikh posobii po povysheniiu masterstva v zhilishchnom stroitel'stve)

Akademiia stroitel'stva i arkhitektury SSSR. Institut sanitarnoi tekhniki. [Instructions for designing, installing, operating, and repairing interior water-supply systems using vinyl-plastic pipes] Ukazaniia po proektirovaniiu, montazhu, ekspluatatsii i remontu vnutrennikh vodoprovodov iz vinilplastovykh trub. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961 91 p.

Hydraulic calculations for complex systems of water-pipes using isopiestic measurements. N. U. Koida Izv. vys. ucheb. zav. ;stroi. i arkhit. 4 no. 6;97-103 '61

Measures for preventing mussel growth in the water conduits of electric power plants G. M. Bozhko-Stepanenko. Energetik 10 no. 3:33 Mr '62

WATER PIPES—STANDARDS

Draft standard for water and gas pipes. D. Z. Krasnopol'skii. Standartizatsiia 26 no. 2:26-29 F '62.

WATER RESOURCES DEVELOPMENT
(see also subdivision under Soviet Central Asia; Ukraine; White Russia)

Dreams, plans, and reality. E. Bova. Polit. samoobr. 6 no. 2:45-53 F '62.

"Projects of the near and distant future" by A. B. Avakian, E. G. Romanshkov. Reviewed by V. S. Smetanich, L. N. Shapiro. Geog. v shkole 25 no. 2;92 Mr-Ap '62.

WATER SUPPLY
(see also subdivision under Alma-Ata; Geneva; Mangyshlak Peninsula)

Studying local water resources. R. S. Petrova, G. N. Petrov. Geog. v shkole 25 no. 2;32-37 Mr-Ap '62.

Using hydrosulfuric waters in the water supply. S. N. Linevich. Trudy NPI 114:7-11 '61.

WATER SUPPLY—BIBLIOGRAPHY see Bibliography—Water supply

WATER-SUPPLY ENGINEERING

Kul'skii, L. A., and others. [Designing and calculating equipment for cleaning water supply lines] Proektirovanie i raschet ochistnykh sooruzhenii vodoprovodov. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1961 355 p

WATER-SUPPLY ENGINEERING—EQUIPMENT AND SUPPLIES

Machinery and equipment for lumbering and water management. Sel'. stroi. 16 no. 12,18-19 D '61

WATER TURBINES see Hydraulic turbines

WATERPROOFING
(see also subdivision under Kakhovka Hydroelectric Power Station)

Use of silicon organic compounds for decreasing moisture absorption by cellular concretes. N. A. Kalnina, K. I. Uskova. Trudy Zap.-Sib. fil. ASiA no. 3 139-146 '60

WATTMETER

Helper for electric power savings B. Ivanov IUn. tekh. 6 no. 1 16-20 Ja '62.

Increasing the sensitivity of thermistor meters of super-high frequency power. L. M. Zaks, V. M. Petrov, E. N. Belikov Izm. tekh. no. 2 43-46 F '62

WAVE GUIDES

Calculation of Chebychev's directional couplers with weak coupling. A. L. Fel'dshtein, F. S. Zhavoronkova Radiotekhnika 17 no. 1,40-50 Ja '62.

Concerning the theory of resonant ferrite systems. Sun IAn'-shen, [Sun Yen-shen] Radiotekh. i elektron. 7 no. 3 429-436 Mr '62.

Electron beam in a helix with an anisotropic dielectric V. P. Shestopalov, V. A. Sitnushkii, B. V. Kondrat'ev Radiotekh. i elektron. 7 no. 3 475-482 Mr '62

Measuring a nonmutual phase shift in a rectangular ferrite wave guide A. S. Elizarov Izm. tekh. no. 2;48-53 F '62.

Rotating joint for an H-type metal-dielectric wave guide. F. M. Guttsait Radiotekh. i elektron. 7 no. 3 404-413 Mr '62

Simulation of E-type electromagnetic fields in wave guides by means of induced currents. V. A. Sedin Radiotekh. i elektron. 7 no. 3 570-572 Mr '62

Standard K-band wave guide loads L. N. Britanskii, E. B. Zel'tsman. Trudy inst. Kom. stand., mer i izm. prib. no. 53 94-102 '61.

Wave guide with a cross section in the form of a parallelogram. E. G. Solov'ev. Radiotekhnika 17 no. 3 20-21 Mr '62

WAVE MECHANICS

Motion of nucleons in deformed light nuclei. B. I. Tishchenko, A. A. Kiesin, E. V. Inopin Izv. AN SSSR Ser. fiz. 26 no. 1 138-147 Ja '62.

WAVES
(see also subdivision under Rybinsk Reservoir)

Empirical spectra of wind waves. S. S. Strekalov, V. I. Kuz'min Okeanologiia 2 no. 1;67-71 '62

Instrumental study of the attenuation of waves with depth V. F. Tsyplukhin, V. A. Sergeev Okeanologiia 2 no. 1 134-138 '62

New characteristics of the wavy sea surface according to the readings of the point wave recorder. A. I. Duvanin, N. P. Morozov, N. E. Skibko. Trudy MGI 25:48-56 '62.

Propagation of waves of finite amplitude in an electron stream. V. I. Kanavets, A. A. Kashirin Vest. Mosk. un. Ser. 3: Fiz., astron. 17 no. 1;7-18 Ja-F '62

Some applications of methods of the theory of similitude in analyzing wind waves as a probability process. S. A. Kitaigorodskii. Izv. AN SSSR. Ser. geofiz no. 1: 105-117 Ja '62.

Sverdrup waves A. P. Legen'kov Izv. AN SSSR Ser. geofiz no. 3.434-437 Mr '62.

Zenkovich, V. P. [Dynamics and morphology of seashores] Dinamika i morfologiia morskikh beregov. Moskva, Izd-vo "Morskoi transport."
Pt. I. [Wave processes] Volnovye protsessy. 1960. 495 p.

WAXES

Effect of various factors on the deresination process of lignite wax by the method of crystallization V. I. Kuznetsov, A. A. Bobrova, P. K. Lyayl. Zbir. prats'. Inst. tepl. AN URSR no. 23;71-79 '61

Reducing wax losses in the process of deresination A. A. Bobrova. Zbir. prats'. Inst. tep. AN URSR no. 23: 80-85 '61.

WEAPONS, ATOMIC see Atomic weapons

WEATHER—MENTAL AND PHYSIOLOGICAL EFFECTS
(see also subdivision under Arctic regions; Asia, Central)

Some characteristics of digestion, water and salt metabolism and the feeding regimen in a hot climate. A. IU. IUnusov. Med. zhur. Uzb. no. 6;7-12 Je '60.

WEATHER CONTROL
(see also subdivision under Alma-Ata)

Possibility of weather control through artificial dissipation of clouds. V. I. Beliaev, I. S. Pavlova. Izv. AN SSSR Ser. geofiz. no. 1;129-133 Ja '62.

WEATHER FORECASTING

Two-level pressure field forecasting for the Northern Hemisphere G. P. Kurbatkin Izv. AN SSSR. Ser. geofiz no. 2 229-232 F '62.

Use of unreliable forecasts. A. S. Monin Izv. AN SSSR. Ser. geofiz no. 2-218-228 F '62

WEATHERING see subdivision under Kola Peninsula

WEAVING

Determining the filling factor of fabrics (continued) N. IU. Berkovich. Tekst. prom. 21 no. 12 31-36 D '61.

Is there a need for warp-hangers in automatic weaving? A. I. Potapalov Tekst. prom. 21 no. 12 8-10 D '61

Making and mounting of pattern cards of double fabrics imitating the leno weave. O. S. Rutepov Tekst. prom. 22 no. 1, 47-50 Ja '62

More about the efficiency of using the weft made on warp spinning machines in weaving A. V. Kuligin Tekst. prom. 22 no. 1;51-53 Ja '62.

More discussion of the advantages of intermittent warping M. P. Laitinen. Tekst. prom. 21 no. 6 47-48 Je '61

New method of selvaging on shuttleless looms. A. S. Manukhin. Tekst. prom. 21 no. 6 48-49 Je '61

Our practices in reducing thread breakage on looms L. A. Sklokina, A. I. Lapshina Tekst. prom. 21 no. 6: 44-45 Je '61

Searching for optimum parameters in the preparation of warp for cloth weaving. T. I. Istomina Tekst. prom. 21 no. 12 29-31 D '61

WEBSTER, SIR CHARLES KINGSLEY, 1886-1961

In memory of Charles Webster. L. A. Zak. Vop. ist. no. 3;204 Mr '62

WEED CONTROL

Effect of various tillage systems on the weediness of fields and spring wheat yields V. V. Zhigailo. Vest. sel'khoz. nauki [Kazakh.] 4 no. 12 8-12 D '61.

WEED KILLERS see Herbicides

WEEDS

Dobrokhotov, V. N. [Weed seeds] Semena sornykh rastenii. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961 413 p. illus.

WEIGHING MACHINES

Automatic weighing, calculating, and conveying of loose materials G. Elistratov Muk.-elev. prom. 27 no. 12,13-17 D '61

WEIGHT LIFTING

Changes in erythrocytes in heavy athletes due to weight lifting. A. N. Vorob'ev, M. S. Kireeva. Teor. i prak. fiz. kul't. 24 no. 8;591-592 '61.

Characteristics of the methods for preparing young weight lifters. B. F. Podskotskii Teor. i prak. fiz. kul't. 24 no. 11;839-841 '61.

Steel and gold. Kim Pushkar'ov, Ihor Sosnova'kyi. Ukraina no. 4 21 F '62.

Study of different positions in the two-hand press. V. I. Rodionov. Teor. i prak. fiz. kul't. 24 no. 10;761-763 '61.

Study of minute and systolic volume of the heart during bar weight-lifting. A. N. Vorob'ev. Teor. i prak. fiz. kul't. 24 no. 12;921-923 '61.

WEIGHTLESSNESS

Weightlessness. O. F. Makarchenko, V. I. Danylenko. Nauka i zhyttia 11 no. 12 12-14 D '61.

WEIGHTS AND MEASURES

How we learn measures. A. E. Dobrovol'skii. Nach. shkola 30 no. 2 38-41 F '62.

International system of unit standards N. V. Kalashnikov, L. R. Stotskii Energomashinostroenie 8 no. 3 44-46 Mr '62

WEIGHTS AND MEASURES—CONGRESSES

Eleventh General Conference on measures and weights. G. D. Burdun Usp. fiz. nauk 76 no. 2;382-390 F '62.

WEIGHTS AND MEASURES—STANDARDS

New standards for mass measurement. S. I. Gauzner. Izm. tekh. no. 3;13-16 Mr '62.

WEIL'S DISEASE

Function of the liver in children following toxic infectious jaundice treated with ACTH. N. M. Abdragimov. Zdrav. Kazakh. 21 no. 6;43-45 '61.

WEINER, NORBERT, 1894-

Norbert Wiener and some philosophical problems of cybernetics. A. A. Brudnyi. Izv. AN Kir. SSR. Ser. obshchestv. nauk 3 no. 1;25-38 '61.

WELDING

Ainbinder, S. B. [New methods of pressure welding] Novye sposoby svarki davleniem. Riga, Izd-vo Akad. nauk Latviiskoi SSR, 1960. 114 p.

Check your structures. Izobr. i rats. no. 3;40-3 of cover Mr '62.

WELDING (Continued)
Consultations on readers' letters K. P. Voshchanov, V. S. Volodin. Svar. proizv. no 3,48 Mr '62
Development of diffusion welding in a vacuum. L IUr'ev, Izobr i rats no 3 8-10 Mr '62

WELDING—BIBLIOGRAPHY see Bibliography—Welding

WELDING—CONGRESSES
List of materials of the International Institute of Welding received by the National Committee of the U. S. S. R. on Welding, from April to September 1961 Translated by E. P. Bogacheva. Svar proizv no 2,40-41 F '62.
Pribaltiiskaia nauchno-tekhnicheskaia konferentsiia po svarke, 1st, Riga, 1959. [Transactions of the First Baltic Region Scientific and Technical Conference on Welding] Trudy Pod red S B Ainbinder a Riga, TSentr biuro tekhn informatsii, 1960 115 p
Scientific and technical conference on welding in L'vov A A Trushchenko Avtom svar 15 no 3 95-96 Mr '62

WELDING—CORROSION
Effect of alloying elements on the corrosion resistance of welded joints in 1Kh18N9T steel subjected to prolonged heat treatment at 350 - 650° D M. Shashin, N IU Pal'chuk Avtom svar 15 no 3 32-38 Mr '62

WELDING—EQUIPMENT AND SUPPLIES
(see also subdivision under France, Great Britain)
Device for cleaning metal in welding operations O Serta kov Tekh v sel'khoz 22 no. 1 89-90 Ja '62
Universal assembling and welding equipment, N. M. Vasnin, Svar. proizv. no 3,35-36 Mr '62
Ventilation in a welder's workbench G IUdin Tekh v sel'khoz, 22 no. 2-91 F '62

WELDING—PATENTS
Soviet inventions in welding Svar. proizv. no. 3-45 Mr '62

WELDING—PERIODICALS
Conference of readers of "Svarochnoe proizvodstvo" in Donetsk M. I Nedodaeva Svar proiz no 2 44-45 F '62

WELDING—SPEED
Effect of the speed of welding on the plasticity of weld joints in certain high-melting alloys D S, Balkovets, L. N Kaganov, A. F. Khudyshev Svar proizv no 2; 31-32 F '62

WELDING—TECHNOLOGICAL INNOVATIONS
Automation and mechanization of welding processes and the development of advanced technology G. A Nikolaev Izv vys ucheb zav , mashinostr no 12 21-30 '61
Results of the All-Union Competition on Welding. V. S. Volodin. Svar proizv no 2,41-43 F '62

WELDING—TESTING
Khvedchenia, L. K., and V. S. Svistkov. [Testing the tightness of weld joints by vacuuming] Ispytanie plotnosti svarnykh shvov metodom vakuumirovaniia. Izd. 2., perer. Moskva, TSentr. biuro tekhn. informatsii, 1959, 19 p.
Malevskii, IU. B., and others. [Atlas of the micro- and macrostructure of welded joints] Atlas makro- i mikrostruktur svarnykh soedinenii. Pod red. A M. Makara. Moskva, Gos nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 118 p.
Properties of weld joints in heat resistant VZh100 (EP126) steel. I F. Kobyliianskii, V. D. Peshekhonov Svar. proizv. no. 3 26-28 Mr '62
Vibration strength of joints in low-alloy steel. E. E. Kochergova. Trudy TSNIISK no 4,211-226 '61

WELDING, ULTRASONIC see Ultrasonic welding

WEST GERMANY see Germany, West

WEST KAZAKHSTAN PROVINCE—CARBONATED BEVERAGES
Master of tasty beverages. S. Iskakova. Koop. Kazakh. 4 no. 11 24 N '61.

WEST SIBERIAN PLAIN—PETROLOGY
Cherolkov, O. A. [Lithology of Lower Carboniferous sediments in the southwestern margin of the West Siberian Plain] Litologiia nizhnekamennougol'nykh otlozhenii iugo-Zapadno-Sibirskoi nizmennosti. Moskva, Izd-vo Akad. nauk SSSR, 1961. 108 p

WEST SIBERIAN PLAIN—RUNOFF
Zonal characteristics in the formation of the water balance in the West Siberian Plain. E. I. Kupriianova Izv AN SSSR. Ser. geog. no. 1-48-56 Ja-F '62.

WESTERN DVINA RIVER—TERRACES (GEOLOGY)
New methodological suggestions for studying river terraces at the rapids sections of a river, using the example of the lower stream of the Western Dvina. E. N. Bylinskii Izv AN SSSR Ser. geog. no 1-103-109 Ja-F '62

WESTERN EUROPE see Europe, Western

WESTERN SAMOA
New state in Oceania. IU. Gotlober. Az. i Afr. seg. no. 2 57 F '62

WESTERN SIBERIA see Siberia, Western

WHALING—RESEARCH see subdivision under Antarctic regions

WHARVES
Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva [Technical specifications SN 144-60 for determining stresses on wharf structures caused by ships] Tekhnicheskie usloviia opredeleniia nagruzok ot sudov na pricharnye sooruzheniia, SN 144-60. Utverzhdeny 1 oktiabria 1960 g Moskva, Gos. izd-vo lit-ry po stroit , arkhit i stroit materialam, 1961. 29 p.

WHEAT
(see also subdivision under Kurdyamich, Siberia)
Biochemical and baking properties of flour from wheat subjected to Co^{60} gamma rays N V Romenskii and others Izv vys ucheb zav , pishch tekh no 6 28-32 '61
Changes of nitrogenous substances in leaves of perennial wheat. S. M. Sokolova Biul. Glav bot sada no 43-56-63 '61.
Effect of various tillage systems on the weediness of fields and spring wheat yields V. V. Zhigalov Vest sel'khoz nauki [Kazakh] 4 no. 12 8-12 D '61
Histogenesis of the organs of an ear of wheat grown while keeping the roots under low temperature. L. R. Petrova Trudy Bot. Inst Ser. 7 no 5;130-147 '62.
Microsporogenesis and development of the pollen grain in wheat. T. B. Batygina Dokl AN SSSR 142 no. 5. 1205-1208 F '62
Process of fertilization in wheat. T. B. Batygina Trudy Bot. Inst. Ser. 7 no. 5-280-293 '62.
Transformation of nitrogenous substances during the ripening of perennial wheat grains. S. M Sokolova. Biul. Glav. bot. sada no 44-58-62 '61

WHEAT—CLEANING
Cleaning wheat of weeds difficult to remove. A. Lipovtsev Muk.-elev. prom 27 no. 12;25 D '61

WHEAT—VARIETIES
Appearance of pigment in the grain of the "Moskovka" white wheat under the effect of environmental conditions. I IA Mar'iakhina. Agrobiologiia no 6-909-911 N-D '61.
"Barnaul'skaia 32" spring wheat. T. M. Lazarev, S T. Bogomiagkov, E. G Nikiforova Agrobiologiia no. 6; 911-912 N-D '61.
From fields all over the world. M. IAkubtsiner. Nova no 8 215-217 '61
Some data on variety tests for new types of wheat in 1957. Z. M. Vakhrameeva. Trudy Kar. fil AN SSSR no 20;3-7 '61

WHEAT BREEDING
Morphologic features of wheat developed by the injection method. M. M. Bel'kova. Trudy Kar. fil. AN SSSR no 20;8-15 '61

WHITE RUSSIA—AGRICULTURE
Decisive phase in the struggle for a high yield of farm products. Komm. Bel 36 no. 3;8-12 Mr '62
Khrushchev, N. S. [Every Soviet republic should make a worthy contribution to the building of communism] Kazhdaia sovetskaia respublika dolzhna vnesti dostoinyi vklad v stroitel'stvo kommunizma, rech' na soveshchanii rabotnikov sel'skogo khoziaistva Belorusskoi SSR v gor. Minsko 12 ianvaria 1962 goda. Moskva, Gos. izd-vo polit. lit-ry, 1962. 46 p.
Let's disseminate the best practice among all farms I Poliakov. Part zhizn' no 6 24-29 Mr '62
Our urgent tasks. H. Papou. Belarus' 19 no. 2;1 F '62.

WHITE RUSSIA—AMATEUR ART ACTIVITIES
They talk and sing. H. Alfaksandrau. Belarus' 19 no. 2; 14 F '62

WHITE RUSSIA—APARTMENT HOUSES
Ataev, S. S., and others. [New developments in the construction of apartment houses in White Russia] Novoe v zhilishchnom stroitel'stve Belorussii, Moskva, Vses. uchebno-pedagog. izd-vo Profizdat, 1961, 58 p. (Novaia tekhnika i peredovye metody truda)

WHITE RUSSIA—ARCHITECTURE
Old wooden city houses of southwestern White Russia E D. Kvitnitskaia Arkhit nas 13-23-32 '61.

WHITE RUSSIA—CARDIOVASCULAR SYSTEM—DISEASES
Diseases of the cardiovascular system in the White Russian S. S. R. N. I. Govor, A. A. Lipen'. Zdrav. Bel. 7 no. 8;17-21 Ag '61.

WHITE RUSSIA—CHILDREN'S CLOTHING
We shouldn't tolerate this carelessness. M. Uladzimirava, N. Tamaryna. Rab. i sial. 37 no. 7-10-11 Jl '61.

WHITE RUSSIA—COLLECTIVE FARMS—ACCOUNTING
"Accounting and auditing work on collective farms" [illegible] by S. G. Ovsiannikov and A G. Kolevich Reviewed by V. A. Lomako, E. A. IAtsevich. Uchet i fin v kolkhozakh i sovkhoz 19 no. 2;60-61 F '62

WHITE RUSSIA—COMMUNIST EDUCATION
Ability is acquired by persistent work. K. Shpakovskii Komm. Bel 35 no 6,38-39 Je '61
Combining assistance with everyday control. G. Volet'a Komm. Bel 35 no 6,36-38 Je '61
Let's prepare convinced fighters of the party; results of the school year in the system of political education Komm. Bel 35 no. 6 34-35 Je '61
Studying helps in life and work. IA. Romanovich, V. Zubra Komm. Bel 35 no 6;41-42 Je '61

WHITE RUSSIA—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK
Let's educate the leading personnel in the spirit of Leninist principles Komm Bel. 35 no. 6;3-6 Je '61
Let's make the control of performance an everyday, lively, and real duty N. Mishchenko Komm. Bel 35 no. 6-28-33 Je '61
A little about everything. Komm Bel. 36 no 3;77-78 Mr '62.
Staffed with nonsalaried personnel. P. Danilenko. Komm Bel 35 no. 6-40-41 Je '61

WHITE RUSSIA—COST AND STANDARD OF LIVING
Expensive present. Mikhas' Pliankat. Rab. i sial. 37 no. 12-10 D '61

WHITE RUSSIA—DANCING
Young dancers A. Litvin. Rab. i sial. 38 no 114 1 Mr '62.

WHITE RUSSIA—DESCRIPTION AND TRAVEL
"White Russia, my dear country" by Tamara Likhachev. Reviewed by M. Model' Belarus' 19 no. 2 20 F '62

WHITE RUSSIA—ECONOMIC GEOGRAPHY
Akademiia nauk BSSR, Institut ekonomiki. [The White Russian S. S. R.] Belorusskaia SSSR. Moskva, Izd-vo geogr. lit-ry, 1957. 486 p.

WHITE RUSSIA—EDUCATION
Soviet schools form the generation of communism N. Krasnova. Komm. Bel. 36 no. 3;43-48 Mr '62

WHITE RUSSIA—EDUCATION—PERIODICALS
Proposed subject plan of the periodical "Narodnaia asveta" for 1962 Nar. gov. no 1;93-96 Ja '62

WHITE RUSSIA—EDUCATION, COOPERATIVE
Cooperation between the Communist Youth League organizations of schools and industrial enterprises M. Pavlichuva. Nar. gov no 1,54-59 Ja '62.
"Study and work" by S. A. Kremez, M. V. Makarevich. Reviewed by A. Biarezin. Nar. gov no. 1;89-90 Ja '62

WHITE RUSSIA—EDUCATIONAL RESEARCH
We should try to increase the role of educational theory in the reorganization of our school. Nar. gov no. 1; 7-11 Ja '62.

WHITE RUSSIA—EFFICIENCY, INDUSTRIAL
We hear your appeal, our dear party! Rab. i sial. 36 no. 6;1 Je '61

WHITE RUSSIA—FINANCE
Important element in the economic work of financial organs. M. Kunina. Fin. SSSR. 23 no. 1-71 Ja '62.

WHITE RUSSIA—FORAMINIFERA, FOSSIL
Stratigraphy and Foraminifera of upper Cretaceous deposits in White Russia. V S. Akimets. Paleont. i stratigr. BSSR no. 3;3-245 '61.
Upper Eocene Foraminifera in White Russia and their stratigraphic significance. A. V. Fursenko, K. B. Fursenko. Paleont. i stratigr. BSSR no. 3;240-247 '61

WHITE RUSSIA—GEOLOGY
History of the geological development of White Russia in the Paleozoic and early Mesozoic. V K. Gulakaia Biul. MOIP, Otd. geol. 37 no. 1;148-150 Ja-F '62

WHITE RUSSIA—GEOLOGY, STRATIGRAPHIC
Recent data on the stratigraphy of the crystalline basement of White Russia. A. M. Pap. Dokl. AN BSSR 6 no. 1-53-55 Ja '62
Stratigraphy and Foraminifera of upper Cretaceous deposits in White Russia. V. S. Akimets. Paleont. i stratigr. BSSR no. 3;3-245 '61.

WHITE RUSSIA—GRIEVANCE PROCEDURES
Let's lend an attentive ear to workers' messages. Komm. Bel. 35 no. 6;20-22 Je '61.

WHITE RUSSIA—HIGHWAY TRANSPORT WORKERS
Highway transport workers of White Russia discuss ways of improving the work. G. Liut'e. Avt. transp. 40 no. 3.63 Mr '62.

WHITE RUSSIA—INDUSTRIAL HYGIENE
Great responsibility. I. Makarov. Okhr. truda i sots. strakh. 5 no 2:11-12 F '62

WHITE RUSSIA—INDUSTRIAL MANAGEMENT
Important elements in the economic work of financial organs. M. Kunina. Fin. SSSR 23 no. 1 71-73 Ja '62.
Practice in perfecting the administrative apparatus in enterprises of the White Russian Economic Council. L. Rogovoi. Biul. nauch. inform. trud i zar. plata 5 no 1:30-37 '62

WHITE RUSSIA—INDUSTRIES
Pareniskii, D. D. [Local industry of the White Russian S. S. R. in the seven-year plan] Mestnaia promyshlennost' Belorusskoi SSR v semiletke. Minsk, 1962. 22 p. (Obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii Belorusskoi SSR, no. 30)
We know our objectives. A. Papou. Belarus' 19 no. 2: 1-2 F '62

WHITE RUSSIA—LOESS
Study of loess in White Russia. M. M. TSapenko, V. M. Motuz, N. O Makhnach. Geol. zhur. 22 no 1.30-39 '62.

WHITE RUSSIA—MACHINERY INDUSTRY—ACCOUNTING
Index of commodity production. D. Grebennikov. Plan. khoz 38 no 3:46-48 Mr '62

WHITE RUSSIA—MEDICAL SOCIETIES
White Russian branches of the All-Russian League for the Control of Tuberculosis. M. B. Kugel' Zdrav. Bel 7 no 8:65-66 Ag '61

WHITE RUSSIA—MEDICINE
"Important and anniversary dates in the history of medicine and public health in White Russia in 1961." Reviewed by A. I Mikhel'son. Sov. zdrav. 21 no 1 80-81 '62

WHITE RUSSIA—MEDICINE, INDUSTRIAL
How to improve medical service among workers and employees of industrial enterprises of the Republic. M. I. Gain, M. L. Miasnikova. Zdrav. Bel 7 no 6:3-6 Je '61

WHITE RUSSIA—METALWORKERS—DISEASES AND HYGIENE
Incidence of diseases involving temporary incapacity and measures for its reduction. E. N. Tkach. Zdrav. Bel. 7 no 3:7-9 Je '61

WHITE RUSSIA—MOTION-PICTURE PLAYS
Krasinskii, A. V., G. P. Tarasevich, and V. I. Smal'. [Motion-picture art of Soviet White Russia] Kinoiskusstvo Sovetskoi Belorussii. Minsk, 1961. 40 p. (Obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii Belorusskoi SSR, no. 27-28)

WHITE RUSSIA—ORTHOPEDIC SOCIETIES
Report on the 27th session of the White Russian Society of Traumatologists and Orthopedists. A. S. Kirik. Ortop., travm. i protez. no. 12:63-64 '61.

WHITE RUSSIA—POLITICS AND GOVERNMENT
A little about everything. Komm. Bel. 36 no. 3:77-78 Mr '62.
White Russia. Verkhovnyi Sovet. [Meetings of the Fifth Supreme Soviet of the White Russian S. S. R., fifth session, June 14-15, 1961; verbatim report] Piatnia sessiia Verkhovnogo Soveta Belorusskoi SSR, piatogo sozyva (14-15 iiunia 1961 goda). Stenograficheskii otchet. Minsk, Gos. izd-vo BSSR, Red. sotsial'no-ekon. lit-ry, 1961. 231 p.

WHITE RUSSIA—POTASSIUM SALTS
A salt city. I. Golitsyn, V. Smirnov. Vokrug sveta no. 3: 4-5 Mr '61.

WHITE RUSSIA—POULTRY
In her parents' footsteps. E. Makrushyn. Rab. i sial. 37 no 6:16 Je '61

WHITE RUSSIA—RELATIONS (GENERAL) WITH POLAND
The Polish-White Russian friendship is getting stronger. A. Klevchenia. Komm. Bel. 35 no. 6:50-54 Je '61.

WHITE RUSSIA—RESTAURANTS, LUNCHROOMS, ETC.
Our affairs, our problems. D. Gelin. Obshchestv. pit no 11 6-9 N '61

WHITE RUSSIA—RUNOFF
Dividing the White Russian S. S. R. into regions based on monotypical conditions of the formation of the minimum flow in rivers. K. A. Klueva. Sbor. rab. po gidrol. no. 2. 131-136 '61

WHITE RUSSIA—SURGICAL SOCIETIES
Meeting of the Surgical Society of the White Russian S. S. R. I. Rodina. Zdrav. Bel. 7 no. 6:67-68 Je '61.

WHITE RUSSIA—TANKS
Reinforced-concrete water tanks. P. I. Sidel'tsev. Neftianik 7 no. 2:17 F '62.

WHITE RUSSIA—TECHNICAL EDUCATION
White Russia. Ministerstvo vysshego, srednego spetsial'nogo i professional'nogo obrazovaniia. [White Russian Technical Institute] Belorusskii politekhnicheskii institut imeni I. V. Stalina. Minsk, 1961. 13 p. illus.

WHITE RUSSIA—TOURISM
Pass your vacation in White Russia. B. Zhuikova. Reb. i sial. 37 no. 6:23 Je '61

WHITE RUSSIA—TOY INDUSTRY
Renewal of our old industry. M. LAnitskaia. Belarus' 19 no. 2:31 F '62

WHITE RUSSIA—TRADE UNIONS
Fourth Plenum of the White Russian Republican Committee of the Trade Union of Medical Workers. Zdrav. Bel 7 no. 8:67-70 Ag '61

WHITE RUSSIA—TUBERCULOSIS
White Russian branches of the All-Russian League for the Control of Tuberculosis. M. B. Kugel' Zdrav. Bel 7 no 8:65-66 Ag '61

WHITE RUSSIA—UNIVERSITIES AND COLLEGES
White Russia. Ministerstvo vysshego, srednego spetsial'nogo i professional'nogo obrazovaniia. [White Russian Technical Institute] Belorusskii politekhnicheskii institut imeni I. V. Stalina. Minsk, 1961. 13 p. illus.

WHITE RUSSIA—UROLOGICAL SOCIETIES
Work of the White Russian Urological Society during 1958-1960. Z. Trofimova, E. Volkovich. Zdrav. Bel 7 no. 8:72-74 Ag '61.

WHITE RUSSIA—VERTEBRATES
[Terrestrial vertebrates of White Russia] Fauna i ekologiia nazemnykh pozvonochnykh Belorussii. Minsk, Izd-vo M-va vysshego, srednego spetsial'nogo i professional'nogo obrazovaniia BSSR, 1961. 203 p.

WHITE RUSSIA—VOCATIONAL EDUCATION
Closer to the needs of industry. Prof.-tekh. obr. 19 no 2:3-4 F '62.

WHITE RUSSIA—WAGE PAYMENT SYSTEMS
Work norms and wages in the industry of the Republic. Komm. Bel. 35 no 6:54-59 Je '61

WHITE RUSSIA—WATER—COMPOSITION
Bromine and iodine in natural waters of the White Russian S. S. R. TS. A. Kagan, L. A. Gel'fer. Gidrokhim mat. 34:86-94 '61.

WHITE RUSSIA—WATER RESOURCES DEVELOPMENT
Planning of the utilization and preservation of water resources. A. Tiul'panov. Plan khoz. 39 no 3:42-45 Mr '62

WHITE RUSSIA—WILDLIFE, CONSERVATION OF
Perkovskii, B. B. [Protect the beauty and natural resources of your country] Beregi krasotu i bogatstvo rodnoi Zemli. Minsk, 1962. 37 p. (Obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii Belorusskoi SSR, no. 29)

WHITE RUSSIA—WINTER
February; the calendar of nature. A. Kurskou. Belarus' 19 no. 2, 31 F '62.

WHITE RUSSIA—WOMEN AS FARMERS
Let's keep our word. Rab. i sial. 37 no. 7-2 of cover Jl '61.

WHITE RUSSIAN DRAMA (COMEDY)—HISTORY AND CRITICISM
"Satirical characters of White Russian comedies" by A. K. Sannikau. Reviewed by A. Semianovich. Belarus' 19 no. 2:26 F '62.

WHITE RUSSIAN FOLKLORE see Folklore, White Russian

WHITE RUSSIAN LITERATURE—HISTORY AND CRITICISM
"The White Russian novel" by Ales' Adamovich. Reviewed by R. Shkraba. Belarus' 19 no. 2:29 F '62.

WHITE RUSSIAN PAINTERS see Painters, White Russian

WHITE RUSSIAN PERIODICALS
We see no real improvement. D. Uksusov. Komm. Bel. 36 no. 3:68-72 Mr '62.
We should propagate Marxism-Leninism more vividly. Komm. Bel. 36 no. 3:79-80 Mr '62.

WHITE RUSSIAN TALES see Tales, White Russian

WHITEFISHES
Experimental fertilization of the eggs of coregonoid fishes after the death of the female [with summary in English on pages 268-269]. A. N. Kuz'min. Izv. GosNIORKH 51:60-64 '61.

WHOLESALE TRADE
Wholesale trade in the U. S. S. R. T. P. Kostenko. Koop. Kazakh. 4 no. 3.26-32 Mr '61

WHOLESALE TRADE—ACCOUNTING
Analyzing the efficiency of utilizing fixed assets and working capital in the wholesale trade. A. Kaplan. Bukhg. uchet 19 no 1:20-27 Ja '62

WHOOPING COUGH
Antibiotics in combination with gamma globulin in experimental pertussis infection of chicken embryos [with summary in English] A. E. Tebiakina, S. M. Chaikovskaia. Antibiotiki 6 no 9:53-58 S '61

WHOOPING COUGH—PREVENTIVE INOCULATION
Some problems of the mechanism of artificially aquired immunity [with summary in English] S. I. Ginzburg-Kalinina. Zhur. mikrobiol., epid. i immun. 32 no 9 52-58 S '61

WILD OATS
Chemical control of wild oats. IU. A. Baskakov. Khim. prom. no 10,33-38 O '61

WILDLIFE, CONSERVATION OF
(see also subdivision under Moldavia, White Russia)
Work of students in the conservation of nature. B. A. Kazakov. Biol. v shkole no. 2:59-60 Mr-Ap '62

WILL
Lukov, G. D. [Training the will of Soviet soldiers] Vospitanie voli u sovetskikh voinov. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 94 p.

WILNO see Vilnius

WINCHES
Modernization of the brake of the crane winch. A. IAkobson, A. Entis, G. Dul'skii. Stroi. i arkhit. 9 no 12 29 D '61
Scraper winch 100LAS with automatic and remote control systems. V. N. Makashov. Gor. zhur. no 10 64-66 O '61

WIND INSTRUMENTS
It is now the turn of the State Planning Committee and the Supreme Council of the National Economy to speak. Sov. muz. 26 no. 2.119 F '62.

WIND POWER see subdivision under Turkmenistan

WINDBREAKS, SHELTERBELTS, ETC.
Effect of shelterbelts on some elements of soil fertility. I. V. Grakova. Sbor. rab. VNIALMI no. 31 201-224 '60
Effect of shelterbelts on the temperature of the air close to the soil. K. I. Popov. Sbor. nauch.-issl. rab. po zashch. lesorazved. no. 2 67-91 '59.
Growing shelterbelts on Solonetz and Solonetz-type soils. L. T. Zemlianitskii. Sbor. rab. VNIALMI no. 31 5-71 '60
How to preserve oak plantations. D. F. Shelengovskii. Put' i put. khoz. 6 no. 2.41 '62.

WINDS
(see also subdivision under Kirghiz Range, Transili Ala-Tau)
Accuracy of determining the wind field over the sea from the isobaric field. IU. A. Romanov. Okeanologiia 2 no 1 139-143 '62
Critical evaluation of methods and apparatus for experimental study of the wind structure. A. R. Konstantinov. Trudy UkrNIGMI no. 26-111-136 '61
Effect of forest belts on winds and turbulent exchange in the atmosphere. A. R. Konstantinov, P. A. Vorontsov. Trudy UkrNIGMI no. 26.89-110 '61.
Method of determining the parameters of a generalized exponential law. A. V. Tkachenko. Trudy UkrNIGMI no. 26 95-98 '61
Nonlinear theory of local winds in a turbulent atmosphere. E. M. Dobryshman, N. P. Shakina. Izv. AN SSSR. Ser. geofiz. no. 2 233-251 F '62.
Recording winds by the use of a photographic recorder. A. A. Sizov. Trudy MGI 25-65-68 '62.

WINE AND WINE MAKING see subdivision under Armenia, White Russia

WINE AND WINE MAKING—EQUIPMENT AND SUPPLIES
Investigation of wine distillation processes in batch-type distillation apparatus. V. S. Livak. Izv. vys. ucheb. zav., pishch. tekh. no. 6 129-134 '61

WINTER see subdivision under White Russia

WINTER SPORTS
(see also subdivision under Estonia)
Make timely preparations for the winter sports season. L. M. Sviridov. Teor. i prak. fiz. kul't. 24 no. 8: 570-575 '61.
Preparations for and management of the First Winter Spartiakada of the peoples of the U. S. S. R. in 1962. Teor. i prak. fiz. kul't. 24 no. 10:795-797 '61

WINTER WARFARE
Combat operations in winter. F. Gavrikov. Voen. znan. 38 no. 1-9-10 Ja '62.

WIRE—HEAT TREATMENT
Direct electric heating of wire for patenting. I. E. Kontorovich, D. A. Vul'f, A. G. Sekei. Stal' 22 no 2-179-180 F '62.

WIRE—WELDING

Resistance welding and heat treatment of high strength carbon wire G. P. Sakhatskii, R. M. Shirokovskii. Stal' '22 no. 2 180-185 F '62

WIRE BROADCASTING

Review of the book "Electrical communications and wire broadcasting" I. V. Bulygin. Vest. sviazi 22 no. 3,30 Mr '62

WIRE DRAWING

Effect of the size factor on the mechanical properties of L68 wire. K. K. Goderzian, G. S. Khaiak. Trudy Giprotsvetmetobrabotka no. 20 187-199 '61

WIRELESS TELEGRAPH see Telegraph, Wireless

WITTIG REACTION

Mechanism and steric course of the wittig reaction as affected by external factors. L. D. Bergel'son and others. Dokl. AN SSSR 143 no. 1 111-114 Mr '62

WOLFF-PARKINSON-WHITE SYNDROME

Wolff-Parkinson-White clinical electrocardiographic syndrome in a patient with myocardial infarction. A. S. Smetnev, T. I. Beliakova. Terap. arkh. no. 9 110-112 '61

WOMEN see subdivision under Soviet Central Asia; Ukraine; United States; Uzbekistan

WOMEN—EMPLOYMENT
(see also subdivision under United States)

Great happiness and little joy. Raisa Samusenkova. Rab. i sial. 38 no. 3 15-16 Mr '62

Let's talk about our wives. Ukraina no. 5-2 Mr '62

The Soviet woman is an active builder of communism. K. Solov'eva. Vest. stat. no. 3 3-8 '62

A woman with a big heart. I. A. Tarasau. Rab. i sial. 38 no. 3 4-5 Mr '62

Women in the national economy and culture of the U.S.S.R. Nach. shkola 30 no. 3,92-93 Mr '62

WOMEN—LEGAL STATUS, LAWS, ETC.

Legal advice. Rab. i sial. 38 no. 3 22 Mr '62

WOMEN—PHYSICAL EDUCATION see Physical education for women

WOMEN—STATISTICS

Women in the U. S. S. R. Vest. stat. no. 3 91-95 '62

WOMEN, WHITE RUSSIAN

Our readers tell us their stories. Rab. i sial. 38 no. 3 16 Mr '62.

WOMEN AND PEACE

Women and peace. Helen Tucker, Marta Frizen. Nov. vrem. 20 no. 11;18 Mr '62

WOMEN AS ENGINEERS

Restless daughter of Varvara TSimafeeuna. Aliaksandr Zakharanka. Rab. i sial. 37 no. 12-6-7 D '61.

WOMEN AS FARMERS
(see also subdivision under Siberia, White Russia)

Hereditary speciality. M. Tychyna. Rab. i sial. 37 no. 12-11 D '61.

WOMEN AS PHYSICIANS

Beginning of medical education for women in Russia. E. I. Karnaukhova. Sov. zdrav. 21 no. 1 48-52 '62

WOMEN AS SOLDIERS

Soviet patriots. Voen. znan. 38 no. 3;14-15 Mr '62.

WOMEN IN AERONAUTICS

Commander of an airplane. Mykhailo Liakhovets'kyi. Ukraina no. 5,4-5 Mr '62.

WOMEN IN ART

Bronze statuette of a woman from the Kara-Bulak mound. IU. D. Baruzdin, A. G. Podol'skii. Krat. soob. Inst. arkheol. no. 95 127-129 '61.

WOMEN IN PUBLIC LIFE
(see also subdivision under Minsk; Ukraine)

Liubov' Ivanovna, Mikh. Liashenko. Sov. deput. trud. no. 2;84-87 F '62.

WOOD—ANATOMY

Brief anatomical description and the key for the identification of some most important commercial tree species of Ethiopia (with summary in English). L. A. Lebedenko. Bot. zhur. 47 no. 1; 78-91 Ja '62.

WOOD—CHEMISTRY

Nikitin, N. I. [Wood chemistry and cellulose] Khimiia drevesiny i tsellulozy. Moskva, Izd-vo Akad. nauk SSSR, *1962*. 711 p.

WOOD—PRESERVATION

Reed preservation against putrefaction. A. N. Panfilova. Nauch. soob. TSNIISK no. 17;4-104 '61.

Studying the impregnation process of green wood with oily antiseptics in hot-and-cold baths. F. F. Mazur. Nauch. soob. TSNIISK no. 17;105-126 '61.

WOOD—TESTING

Study of the functioning of wooden elements with weak points under static and protracted flexure. N. IA. Ter-Emmanuilian. Izv. vys. ucheb. zav.; stroi. i arkhit. 4 no. 6;19-32 '61.

WOOD, COMPRESSED see subdivision under United States

WOOD INDUSTRY—LABOR PRODUCTIVITY see subdivision under Erivan

WOOD-USING INDUSTRIES

Economical use of oak and beech wood. S. A. Chernov. Les prom. 39 no. 12;20 D '61.

Osadchiev, V. G., ed. [Handbook on woodwork and the processing of wood, for workers in ships manufacturing consumer goods] Spravochnik po obrabotke i pererabotke drevesiny, dlia rabotnikov tsekhov shirpotreba. 2., pererab. izd. Moskva, Goslesbumizdat, 1961. 371 p.

[Our beacons; collection of articles on progressive workers in lumber, paper, woodworking industries and forestry] Nashi maiaki; sbornik ocherkov o peredovykh liudiakh lesnoi, bumazhnoi i derevoobrabatyvaiushchei promyshlennosti i lesnogo khoziaistva. Moskva, Goslesbumizdat, 1961. 125 p.

Over-all utilization of raw materials. N. A. Batin, L. E. Sergeev. Der. prom. 11 no. 3;25-26 Mr '62

WOOD WASTE
(see also subdivision under Karelia)

Use of sawdust for electrode coatings. V. P. Bondarevskii, V. V. Chirkin. Svar. proizv. no. 2;31 F '62

Utilizing small particles of wood as a secondary raw material [with summary in English, p. 73]. Z. F. Dashkivs'ka, V. P. Likov. Visnyk AN URSR no. 4, 37-40 '61.

WOODPULP

Chemistry of wood pulp. A. I. Kalninš, P. N. Odintsov. Vest. AN SSSR 32 no. 2 57-61 F '62

WOODPULP INDUSTRY

Vsesoiuznyi Sovet narodnogo khoziaistva. [Innovations in woodpulp and paper production] Novoe v tsellulozno-bumazhnom proizvodstve. [Leningrad] 1960. 211 p. [MICROFILM]

WOODWORK

Mankevich, L. A. [Fundamentals of wood bending] Osnovy gnut'ia drevesiny. Minsk, Izd-vo M-va vysshego, srednego spetsial'nogo i professional'nogo obrazovaniia *BSSR, 1961. 270 p.*

Osadchiev, V. G., ed. [Handbook on woodwork and the processing of wood; for workers in shops manufacturing consumer goods] Spravochnik po obrabotke i pererabotke drevesiny; dlia rabotnikov tsekhov shirpotreba. 2., perer. izd. Moskva, Goslesbumizdat, 1961. 371 p.

Simplified gluing of wood with a preliminary two-side heating. IU. M. Vasin. Der. prom. 11 no. 3;8-9 Mr '62.

WOODWORKING INDUSTRIES

Expand the participation of volunteers in the improvement of production. Der. prom. 11 no. 3;1-2 Mr '62.

Samknulo, G. M. [Analyzing the production and economic activities of woodworking enterprises] Analiz proizvodstvenno-khoziaistvennoi deiatel'nosti derevoobrabatyvaiushchikh predpriiatii. Moskva, Goslesbumizdat, 1961. 179 p.

WOODWORKING INDUSTRIES—BIBLIOGRAPHY see Bibliography—Woodworking industries

WOODWORKING INDUSTRIES—COSTS

Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Supplements to part 16 of the "Manual of consolidated indices of the cost of planning and surveying work; forest and woodworking industry enterprises"] Dopolneniia k chasti 16 spravochnika ukrupnennykh pokazatelei stoimosti proektnykh i izyskatel'skikh rabot; predpriiatiia lesnoi i derevoobrabatyvaiushchei promyshlennosti. Utverzhdeno Gosudarstvennym komitetom Soveta Ministrov SSSR po delam stroitel'stva 1961 g. Moskva, Gostroiizdat, *1961. 5 p.*

WOODWORKING MACHINERY
(see also subdivision under United States)

Afanas'ev, P. S. [Woodworking machinery] Derevoobrabatyvaiushchie stanki. 2. izd., perer. i dop. Moskva, Vses. uchebno-pedagog. izd-vo Profitekhizdat, 1961. 403 p.

Automatic feed mechanism for woodworking machinery. I. Simson. Okhr. truda i sots. strakh. 5 no. 1;27 Ja '62

Bayel'skii, M. D. [Automatic and semiautomatic machinery for wood working] Avtomaty i polуavtomaty mekhanicheskoi obrabotki drevesiny. Moskva, Goslesbumizdat, *1961*, 422 p.

"Handbook of the foreman in charge of the tools in a woodworking enterprise." *Reviewed by A. B. Maksimov*, A. P. Tsukerkandel'. Der. prom. 11 no. 3;27 Mr '62.

Device for milling wooden wedges. M. P. Fel'dman, F. S. Savinykh. Mashinostroenie no. 1 101-102 Ja-F '62

Molder for cutting sofa roller disks. P. I. Pchelov. Der. prom. 11 no. 3;25 Mr '62.

WOODWORKING MACHINERY—STANDARDS

Cutters for wood milling. A. F. Antishevskii. Stan. i instrumentalia 26 no. 2 5-7 F '62.

WOODY PLANTS
(see also subdivision under Batum region; Ural Mountain region; Volga Valley)

Ash content of the leaves of trees and shrubs growing on Solonetz-type light-colored chestnut soils. A. M. Pozdniakova. Shor. rab. VNIALMI no. 31-148 '61

X-ray method for studying the development of scions of introduced woody plants. V. I. Nekrasov, N. G. Smirnova. Biul. Glav. bot. sada no. 43;47-52 '61

WOOL see subdivision under Daghestan

WOOL INDUSTRY—HYGIENIC ASPECTS see subdivision under Tatar A. S. S. R.

WOOLEN AND WORSTED MANUFACTURE—ACCOUNTING

Norms of amortization deductions for equipment in the woolen industry. N. V. Krasnopevtsova, I. A. Gerasimova. Tekst. prom. 22 no. 1;13-16 Ja '62.

WOOLEN AND WORSTED SPINNING

Basic principles of the production line method for the manufacture of top silver in wool spinning. I. S. Gushcha and others. Tekst. prom. 21 no. 11 12 ... D '61.

Detecting defective spindles and reducing yarn breaks in woolen manufacture. G. O. Lozhbinskii. Tekst. ... 22 no. 1;35-40 Ja '62.

WORK

Communism and work. G. S. Batishchev, R. I. Kovalenko. Vest. Mosk. un. Ser. 8 Ekon., filos. 17 no. 2 49-51 Mr-Ap '62.

Main ways and means of the psychological preparation of students for work. M. G. Khitrarin. Nauch. shkola 30 no. 2;58-63 F '62.

Sukhomlyns'kyi, V. O. [Inculcating the moral attitude to work in the younger generation] Vykhovannia moral'nykh stymuliv do pratsi u molodoho pokolinnia. Kyiv, 1961. 42 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 9, no. 9)

"Transformation of work into an indispensable part of our life" by N. S. Novoselov. Reviewed by V. S. Bakaev. Vop. filos. 16 no. 3;174-176 '62.

WORKINGMEN'S CLUBS see subdivision under Ikau, Dnepropetrovsk; Kharkov; Tashkent

WORKS COUNCILS
(see also subdivision under Moscow)

Expand the participation of the masses in industrial management. V. Prokhorov. Sov. profsoiuzy 18 no. 6-8 Ja '62.

A school of good management and education. P. Tereshchenko. Mest. prom. i khud. promys. 3 no. 2 6-7 F '62.

We work according to the plan. L. Nazarov. Mest. prom. i khud. promys. 3 no. 2;7 F '62.

WORLD, END OF see End of the world

WORLD COUNCIL OF CHURCHES, 3d ASSEMBLY, NEW DEHLI, 1961

Angola. Zhur. Mosk. Patr. no. 1-56-58 Ja '62.

Appeal of Christians in South Africa. Zhur. Mosk. Patr. no. 1-54-56 Ja '62.

Appeal to all governments and peoples. Zhur. Mosk. Patr. no. 1;58-59 Ja '62.

Message from the Assembly. Zhur. Mosk. Patr. no. 1 51-54 Ja '62.

WORLD HISTORY

"World history." Vol. 6. Reviewed by I. A. Herasimov, Z. V. Stepanov, S. M. Stetskevich. Vop. ist. no. 3; 129-136 F '62.

WORLD MAPS

"Political map of the world; 1960-1960" by A. G. Sidorov. Reviewed by A. F. Kuzakin. Geog. v shkole 25 no. 2 91 Mr-Ap '62.

WORLD POLITICS

According to the word of the party; by the call of military duty. A. Getman. Starsh.-serzh. no. 10;1-3 O '61

Answering our readers' questions. Mezhdunar. zhizn' 9 no. 3;155-158 Mr '62.

Brief notes on international events. Nov. vrem. 20 no. 10;32 Mr '62.

Brief notes on international events. Nov. vrem. 20 no. 11;32 Mr '62.

Brief notes on international events. Nov. vrem. 20 no. 12-32 Mr '62.

"The cold war and its origins, 1917-1960" [in English] by D. F. Fleming. Reviewed by N. Nikolaev. Mezhdunar. zhizn' 9 no. 3;135-138 Mr '62.

[Current problems of world politics; a review of international events, July 1961-January 1962] Tekushchie problemy mirovoi politiki; mezhdunarodnyi obzor, iiul' 1961 g. - ianvar' 1962 g. Moskva, Izd-vo "Pravda," 1962. 65 p.

Entering our 45th year. Starsh.-serzh. no. 11:1-5 O[i.e. N] '61.

For peace, unity, and social progress. Okhr. truda i sots. strakh. 5 no. 2:4-6 F '62.

For the elimination of colonialism. Ibrahim Zakaria. Vsem. prof. dvizh. no. 1:45-58 Ja '62.

For the solidarity, unity, and fraternity of workers of all countries! N. S. Khrushchev. Vsem. prof. dvizh. no. 1,7-16 Ja '62.

From international life. Nov. vrem. 20 no. 10 22-24 Mr '62.

From international life. Nov. vrem. 20 no. 11:23-26 Mr '62.

From international life, notes. Nov. vrem. 20 no. 12 21-23 Mr '62.

The German problem should be solved by negotiations. Zhur. Mosk. Patr. no. 1,43-44 Ja '62.

"Has man a future?" and "Fact and fiction" [both in English] by Bertrand Russell. Reviewed by G. Gerasimov. Nov. vrem. 20 no. 10 29-31 Mr '62.

The higher the vigilance the stronger the combat readiness. Starsh.-serzh. no. 0:1 S '61.

If the workers of the whole world... Sov. profsoiuzy 10 no. 1:2-5 Ja '62.

Khrushchev, N. S. [For peace, work, freedom, equality, fraternity, and happiness] Za mir, trud, svobodu, ravenstvo, bratstvo i schast'e; rech na sobranii izbiratelei Kalininskogo izbiratel'nogo okruga goroda Moskvy 16 marta 1962 goda. Moskva, Gos. izd-vo polit. lit-ry, 1962. 31 p.

Krivoguz, I. M. [Present-day social democracy and its attitude toward war and peace] Sovremennaia sotsial-demokratiia i ee otnoshenie k voprosam voiny i mira. Izd. 2, ispr. i dop. Leningrad, Ob-vo po rasprostraneniiu polit. i nauch. znanii RSFSR, 1961. 69 p.

A meeting in Weimar. P. Lobanov. Sov. deput. trud. no. 2:107-110 F '62.

More on international morals; replying to our opponents. Nov. vrem. 20 no. 11:18-19 Mr '62.

The most precious cause. I. Levchenko. Sov. voin. 43 no. 22 4-5 N '61.

New map of the world. D. Zhalovskii. Neva no. 8: 152-156 '61.

Peaceful coexistence is the legacy of Lenin. Mezhdunar. zhizn' 9 no. 1:9-14 Ap '62.

Soviet Armed Forces on guard for the builders of communism. Voen.-ist. zhur. 3 no. 12 3-10 D '61.

The true path toward lasting peace among the peoples. A. Arzumanian. Kommunist 38 no. 4:25-35 Mr '62.

War and peace are the key problems of the present day. Polit. samoobr. 6 no. 2:77-87 F '62.

We employ all our efforts for achieving unity. A. Novella. Vsem. prof. dvizh. no. 1:3-4 Ja '62.

Why the West lost the cold war. D. F. Fleming. Mezhdunar. zhizn' 9 no. 1:106-117 Ap '62.

World Federation of Trade Unions and the tasks of the trade-union movement. Louis Saillant. Vsem. prof. dvizh. no. 1:17-44 Ja '62.

WORLD POLITICS—BIBLIOGRAPHY see Bibliography—World politics

WORLD WAR, 1939-1945
(see also subdivision under Bryansk Province; Crimea; Czechoslovakia; France; Germany; Great Britain; Hungary, Istra Valley; Kiev; Kolodkino, Kaluga Province; Latvia; Lithuania; Minsk; Moscow Province, Norway; Poland; Rumania; Rzhev region; Siberia)

Captain Tserov's battery. I. Konnov. Voen. znan. 38 no. 3:8-9 Mr '62.

Desnitskii, G. S. [Sentinels of the air space above our country] Chasovye vozdushnykh prostorov rodiny. Moskva, Voen. izd-vo M-va oborony SSSR, 1961. 151 p.

From the pages of "old" newspapers. Sovr. Mong. 6 no. 2:6-9 F '61.

Historic victory of world-wide significance; 20th anniversary of the beginning of the Great Patriotic War. I. Kravchenko. Komm. Bel. 39 no. 6:9-15 Je '61.

"History of the Great Patriotic War of the Soviet Union, 1941-1945." Vols. 1-3. Reviewed by A. I. Ermenko [with summary in English, p. 197]. Nov. i noveish. ist. no. 1:29-45 '62.

"History of the Great Patriotic War of the Soviet Union, 1941-1945." Vol. 3. Reviewed by P. Kurochkin. Voen.-ist. zhur. 4 no. 3:85-92 Mr '62.

"History of the Great Patriotic War of the Soviet Union." Vol. 3. Reviewed by A. Bulatov. Starsh.-serzh. no. 11: 24-25 O[i.e. N] '61.

Home front areas of the Soviet field forces during the Great Patriotic War. P. Kalinovskii. Voen.-ist. zhur. 4 no. 2:14-25 F '62.

IAkovlev, N. N. [The U. S. A. and England during the Second World War] SShA i Anglilia vo vtoroi mirovoi voine. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 268 p.

"In battles for the motherland" by V. E. Lobanok. Reviewed by I. Shevtsov. Part. zhizn' no. 4:76-78 F '62.

intolerable methods of historical study. V. I. Nechipurenko. Vop. ist. no. 2,208-211 F '62.

An iron-willed commander. S. Dykhne. Ukraina no. 4 11 F '62.

Lichak, N. K. [Artillery officer] Ofitser artillerii. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 95 p. (Biblioteka soldata i matrosa) [MICROFILM]

Moscow. Institut istorii partii. [People's militia of Moscow] Narodnoe opolchenie Moskvy. [Moskva] Mosk. rabochii, 1961. 335 p.

Nemitov, N. G., V. I. Krasnov, and N. D. Kumanova, eds. [For the glory of the motherland, 1941-1945, a collection of documentary materials from war museums] Vo slavu Rodiny, 1941-1945; sbornik dokumental'nykh materialov voennykh muzeev. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 341 p.

Notes of the People's Commissar of Armaments. B. Vannikov. Voen.-ist. zhur. 4 no. 2 76-88 F '62.

"Our fallen heroes tell their stories." Reviewed by I. IAkovlev. Kommunist 38 no. 4:124-125 Mr '62.

Our "katiusha." I. Prokopov. Starsh.-serzh. no. 11 11 O[i.e. N] '61.

People in tank helmets. V. Temin. Starsh.-serzh. no. 9: 18-19 S '61.

Revanchism in cellophane. G. Gutkov. Ogonek 40 no. 7: 22-23 F '62.

Screen of fire for the motherland. Starsh.-serzh. no. 11 10 O[i.e. N] '61.

Six words on the armor. A. Zhuravskii. Starsh.-serzh. no. 9:20-21 S '61.

Strategic dissemination of false information during the campaigns of the Second World War. P. Vasil'ev. Voen.-ist. zhur. 4 no. 3 41-52 Mr '62.

Their exploit is immortal. N. Korenev. Starsh.-serzh. no. 11 13 O[i.e. N] '61.

There is a street in Leipzig. IA. Davydov. Starsh.-serzh. no. 9:39 S '61.

Volob'ev, F. D., and V. M. Kravisov. [The Great Patriotic War of the Soviet Union, 1941-1945; a brief historical study] Velikaia Otechestvennaia voina Sovetskogo Soiuza, 1941-1945 gg., Kratkii voenno-istoricheskii ocherk. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 455 p.

WORLD WAR, 1939-1945—AERIAL OPERATIONS

Courage. A. Britikov. Vest. Vozd. Fl. no. 11:76-81 N '61.

Heroic deed. V. Gaponov, N. Mitrofanov. Kryl. rod. 13 no. 1 13 Ja '62.

WORLD WAR, 1939-1945—ATROCITIES

Adolf Heusinger, a perpetrator of serious war crimes. G. A. Sots. zakon. 39 no. 2,65-68 F '62.

Price of ashes; remarks on Germany (to be continued). Lev Ginzburg. Znamia 31 no. 11:130-156 N '61.

Price of ashes; remarks on Germany (conclusion). Lev Ginzburg. Znamia 31 no. 12:155-182 D '61.

WORLD WAR, 1939-1945—BIBLIOGRAPHY see Bibliography—World War, 1939-1945

WORLD WAR, 1939-1945—BIOGRAPHY

Chernykh, G. G. [Avenue of heroes] Alleia geroev. Leningrad, Obshchestvo po rasprostraneniiu polit. i nauchn. znanii RSFSR, 1961. 66 p.

WORLD WAR, 1939-1945—CAMPAIGNS

Sychev, K. V., and M. M. Malakhov, eds. [Attack in a wooded-swampy and in a wooded-mountainous locality, collection of tactical examples of the attack of a rifle unit in the Great Patriotic War in 1944] Nastuplenie v lesisto-bolotistoi i gorno-lesistoi mestnosti; sbornik takticheskikh primerov nastupleniia voisk strelkovogo korpusa po opytu Velikoi Otechestvennoi voiny v 1944 g. Moskva, Voen. izd-vo M-va oborony SSSR, 1961. 203 p.
——— [Album of diagrams] Al'bom skhem. 14 diagrams.

WORLD WAR, 1939-1945—CHILDREN

The ice is broken and her heart is full of joy. Ema Lukanskaia. Rab. i stud. 38 no. 3 6-7 Mr '62.

A reunited family. M. Medunytsia. Ukraina no. 5:30-31 Mr '62.

WORLD WAR, 1939-1945—ECONOMIC ASPECTS

Foundation of our might. M. Novikov. Starsh.-serzh. no. 10 6-7 O '61.

"Those in the lead." Reviewed by L. IUr'ev. Starsh.-serzh. no. 10:33 O '61.

WORLD WAR, 1939-1945—MANPOWER

Organization of aid rendered by the CPSU to cities and villages during the initial phase of the Great Patriotic War [with summary in English]. M. I. Likhomanov. Vest. LGU 17 no. 2:33-46 '62.

WORLD WAR, 1939-1945—MEDICAL AND SANITARY AFFAIRS

[Soviet medicine during the Great Patriotic War; 1941-1945] Opyt Sovetskoi meditsiny v Velikoi Otechestvennoi voine, 1941-1945 gg. Moskva, Medgiz. Vol. 35. 1955. 491 p.

WORLD WAR, 1939-1945—NAVAL OPERATIONS

In an underwater abyss. O. Ravinskii. Starsh.-serzh. no. 9:13 S '61.

Nikolaev, B. D., and P. A. Petrukhin. [We are sailors from the "Gremiashchii"] My s "Gremiashchego," Moskva, Voen. izd-vo M-va oborony SSSR, 1961. 109 p. (Voennye memuary)

Veterans. A. Gerasimov. Sov. voin. 43 no. 22 6 N '61.

Vinogradov, IU. A. [Until the first mishap; stories on underwater mines] Do pervoi oshibki; rasskazy o minere. Moskva, Voen. izd-vo M-va oborony SSSR, 1961. 55 p. (Geroi - sovremenniki)

WORLD WAR, 1939-1945—NAVAL OPERATIONS—SUBMARINE

Submarine returned to its base. E. Volkov. Vokrug sveta no. 2:8-9 F '62.

WORLD WAR, 1939-1945—PERSONAL NARRATIVES

The "607" sails on its mission. F. Fedorovskii. Vokrug sveta no. 1 38-43 Ja '62.

Fediuninskii, I. I. [Alerted by the alarm] Podniatye po trevoge. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 247 p. (Voennye memuary)

He survived his death. S. Zharkov. Sov. potreb. koop. 6 no. 2:12-14 F '62.

"Let me tell you about my friends" by S. Bobrenok. Reviewed by B. Burlian. Belarus' 19 no. 2:28-29 F '62.

Path of glory. V. Lebedev. Sots. obesp. 23 no. 2 5-7 F '62.

Salty soldier. A. Ivashchenko. Ogonek 40 no. 8:15-17 F '62.

Through the night. IU. Skrylev, V. Levinson. Sem'ia i shkola 17 no. 2 10-12 F '62.

We haven't forgotten anything. Aleksandr Rozen. Neva no. 11 146-149 '61.

WORLD WAR, 1939-1945—PRISONERS AND PRISONS, GERMAN

"Banner of the ninth regiment" by N. Marmin. Reviewed by K. Galustian. Sov. voin. 43 no. 22 41 N '61.

WORLD WAR, 1939-1945—SECRET SERVICE

Operation "Minesmeat." Voen.-ist. zhur. 4 no. 3 73-84 Mr '62.

WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS

Brave avengers. T. Nekrasov. Voen. znan. 38 no. 1: 13-14 Ja '62.

From the history of antifascist struggle. V. A. Hurchenko. Ukr. ist. zhur. 6 no. 1 117-118 Ja-F '62.

Prudnikov, M. S. [The elusive ones] Neulovimye. Moskva, Voen. izd-vo M-va oborony SSSR, 1961. 205 p. (Voennye memuary)

Ten minutes before execution. V. Boltromeiuk. Smena 38 no. 24,11-12 D '61.

WORLD WAR, 1939-1945—WOMEN'S WORK

Loyal daughters of the people. Irina Levchenko. Voen. znan. 38 no. 3:5 Mr '62.

WORMS—EGGS

Morphology and development of the eggs of Posthodiplostomum cuticola (Nordmann, 1832) Dubois, 1936, causative agent of the black-spot disease of fishes. V. I. Vladimirov. Dokl. AN SSSR 140 no. 5:1225-1228 O '61.

WORMS, INTESTINAL AND PARASITIC
(see also subdivision under Donets Valley)

Garkavi, B. L. [Measures against helminthiasis of ducks] Mery bor'by s gelmintozami utok. Moskva, Izd-vo sel'khoz. lit-ry zhurnalov i plakatov, 1961. 31 p. (DA)

Grinberg, A. I. [Helminthiasis in children] Gel'mintozy u detei. Moskva, Medgiz, 1961. 182 p. (DNLM)

Significance of sanitary and hygienic measures in helminthiasis control. N. E. Semenova. Feld. i akush. 26 no. 11:30-33 N '61.

Tolerance to dehelminthization by peperazine preparations [with summary in English]. S. Evdokimova. Izv. AN Latv. SSR no. 12 81-84 '61.

WOUNDS

Some data on the structure of traumatic injuries in underwater explosions. Z. M. Evenshtein. Voen.-med. zhur. no. 8:80 Ag '61.

Vascular tissue premeability and changes in the peripheral blood in injured persons. A. Kh. Ismailov. Zdrav. Turk. 5 no. 6:19-22 N-D '61.

WOUNDS—TREATMENT

Use of hydrochloric acid solution in the treatment of infected wounds with delayed healing. V. I. Burkov. Nov. khir. arkh. no. 4:111-112 Jl-Ag '60.

WRENCHES

Lightweight jawless chain wrench. V. Ugnich. Neftianik 7 no. 1:17 Ja '62.

Specialized manufacture of nut wrenches. V. Sinel'nikov, F. M. Kerdman. Trakt. i sel'khozmash. 32 no. 2:40 F '62.

Wrench for unscrewing wheel nuts. V. Kamenshchikov, N. Konstntinov. Avt. transp. 40 no. 2:50 F '62.

WRIST—FRACTURE

Surgical treatment of unknit fractures and pseudarthroses of the navicular bone. S. I. Kuz'minskii. Ortop., travm. i protez., no. 1 46-49 '62

WUSTITE

Maximum rate of disintegration of wüstite. O. K. Shabalina, G. I. Chufarov. Dokl. AN SSSR 142 no. 2 411-412 Ja '62

X-RAY CRYSTALLOGRAPHY

Changes in the X-ray pattern of tungsten monocarbide in hard alloys. A. E. Koval'skii, S. V. Semenovskaia. Sbor. trud. VNIITS no. 2 108-112 '60

Concerning E. N. Eliseev's article "Determination of the sizes of clay elementary cells by the X-ray powder pattern (debyeograms)." B. B. Zviagin, V. A. Frank-Kamenetskii. Min. sbor. no. 14 399-402 '60

Determination of dispersity and lattice distortions by harmonic analysis of X-ray diffraction lines. B. IA. Pines, A. F. Sirenko. Kristallografiia 7 no. 1 20-30 Ja-F '62

Determination of substructure characteristics of crystallites of coarse-grained materials. E. P. Kostiukova, B. M. Rovinskii. Izv. AN SSSR. Ser. fiz. 26 no. 3. 331-339 Mr '62

Effect of technological factors in the preparation of hard alloys on changes in the X-ray pattern of tungsten carbide. A. E. Koval'skii, L. Kh. Pivovarov, K. F. Kuznetsova. Sbor. trud. VNIITS no. 2 105-108 '60

Grain size of the cobalt phase in hard alloys. A. E. Koval'skii, L. Kh. Pivovarov. Sbor. trud. VNIITS no. 2 172-175 '60

Maximum permissible extent of distortion of the characteristic spectrum of X-ray structure tubes in the structural analysis of polycrystals. N. N. Porfir'eva, B. A. Finagin. Trudy LKI no. 31 173-177 '60

Method for determining the atomic structure of precipitations of chemically reduced nickel. V. P. Moiseev. Izv. AN SSSR. Ser. fiz. 26 no. 3. 378-383 Mr '62.

Mutual interference of X rays reflected by different mosaic blocks in a crystallite. A. V. Kuznetsov, O. N. Shivrin. Kristallografiia 7 no. 1 134-136 Ja-F '62

Secondary extinction in single crystals. A. V. Kuznetsov. Kristallografiia 7 no. 1 121-123 Ja-F '62

Study of the disorientation of mosaic blocks by measuring the low-angle scattering of X rays. V. O. Betekhtin, A. I. Slutsker. Fiz. tver. tela 4 no. 1 132-139 Ja '62

X-ray analysis of minerals. E. N. Eliseev. Min. sbor. no. 14 402-428 '60.

X-ray determination of the symmetry of elementary cells in the ferroelectric substances $(K_{0.5}Bi_{0.5})TiO_3$ and $(Na_{0.5}Bi_{0.5})TiO_3$ and of high-temperature phase transitions in $(K_{0.5}Bi_{0.5})TiO_3$. V. V. Ivanova and others. Izv. AN SSSR. Ser. fiz. 26 no. 3. 354-356 Mr '62

X-ray diffraction and dielectric study of the system $PbTiO_3$ - $LaFeO_3$. S. A. Fedulov and others. Izv. AN SSSR. Ser. fiz. 26 no. 3. 357-361 Mr '62.

X-ray diffraction and thermographic study of precipitations of chemically reduced nickel. V. P. Moiseev. Izv. AN SSSR. Ser. fiz. 26 no. 3. 384-387 Mr '62.

X-ray diffraction study of the initial stage of plastic deformation of polycrystalline metals. D. M. Vasil'ev, N. M. Dobrodeeva. Fiz. tver. tela 4 no. 1 140-147 Ja '62.

X-ray examination of alterations in the crystalline structure of steel of varying initial state in the process of fatigue. IA. L. Mar'ianovskii. Trudy LKI no. 31 137-149 '60

X-ray method of observation and determination of low-density dislocations in germanium. L. I. Datsenko. Fiz. tver. tela 4 no. 2 524-529 F '62.

X-ray study of changes in the fine crystalline structure of powdered carbonyl iron. V. D. Krylov. Izv. AN SSSR. Ser. fiz. 26 no. 3. 362-367 Mr '62.

X-RAY SPECTROSCOPY

Allowance for the effect of elements in a sample on the line intensity in X-ray spectroscopic analysis. I. G. Dem'ianikov, P. F. Paramonov. Zav. lab. 28 no. 1. 40-43 '62.

Correction of X-ray emission spectra for self-absorption. M. A. Blokhin, V. F. Demekhin, I. G. Shveitser. Izv. AN SSSR. Ser. fiz. 26 no. 3 419-422 Mr '62.

Effect of chemical bonds on the X-ray emission spectrum of titanium. M. A. Blokhin, A. T. Shuvaev. Izv. AN SSSR. Ser. fiz. 26 no. 3. 429-432 Mr '62.

Feasibility of determining the oxidation degree of uranium from X-ray emission spectra. K. I. Narbutt, I. P. Laputina. Izv. AN SSSR. Ser. fiz. 26 no. 3. 409-411 Mr '62.

Radioscopic fluorescent microanalyzer. K. I. Narbutt. Izv. AN SSSR. Ser. fiz. 26 no. 3. 423-428 Mr '62.

Reflecting area of a crystal analyzer in the case of a point source of X rays. A. G. Akritov, P. A. Bezirganian. Izv. AN Arm. SSR. Ser. fiz.-mat. nauk 15 no. 1. 103-107 '62.

Two-crystal X-ray spectrometer. M. A. Blokhin and others. Izv. AN SSSR. Ser. fiz. 26 no. 3. 397-404 Mr '62.

X-ray L_{23} emission spectra of sulfur in sulfides. A. V. Ivanov. Izv. AN SSSR. Ser. fiz. 26 no. 3. 405-408 Mr '62.

X RAYS

Analysis of the error in measuring the relative intensity of X-ray spectrum lines by a photographic method. N. N. Porfir'eva, B. A. Finagin. Trudy LKI no. 31 151-160 '60

Role of X-ray investigations in the differential diagnosis of splenomegaly of various origins [with summary in English]. E. Z. Novikova. Vest. rent. i rad. 36 no. 4 31-39 Jl-Ag '61

X RAYS—DIFFRACTION

Use of a proportional counter for X-ray diffraction analyses. D. M. Kheiker and others. Izv. AN SSSR. Ser. fiz. 26 no. 3. 388-394 Mr '62

X-ray diffraction and electric study of the system $PbTiO_3$ - $BiFeO_3$. S. A. Fedulov and others. Kristallografiia 7 no. 1 77-83 Ja-F '62

X-ray diffraction determination of diffusion coefficients by the method of thin double metal films. M. A. Levitskaia, N. A. Vodop'ianov. Fiz. tver. tela 4 no. 2 458-460 F '62

X RAYS—EQUIPMENT AND SUPPLIES

X-ray diffraction grid for continuous action. V. A. Novikov. Kaz. med. zhur. no. 4 111 Jl-Ag '61

X RAYS—INDUSTRIAL APPLICATIONS

All-Union conference on the use of X-rays in studying materials. A. I. Vakulenko. Mont. i spets. rab. v stroi. 23 no. 12 21-25 D '61

X RAYS—PHYSIOLOGICAL EFFECT

Changes in some unconditioned vascular reflexes during the action of X rays [with summary in English]. K. Sh. Nadareishvili. Trudy Inst. fiziol. AN Gruz. SSR 12 199-218 '61.

Changes in the concentration of adrenaline, noradrenaline, and their oxidation products in the blood and adrenals of rats due to the effect of polonium and X rays. E. N. Petrovnina. Radiobiologiia 1 no. 6 907-912 '61.

Comparative effectiveness of direct and indirect action of ionizing radiation on desoxyribonucleic acid. M. I. Mekshenkov. Dokl. AN SSSR 142 no. 4 944-947 F '62

Effect of the density of cell suspension on the radiosensitivity of yeast. S. I. Alekseeva and others. Radiobiologiia 1 no. 6 878-886 '61.

Effect of the secretion from the suprascapular glands of toads on the morphological composition of the bone marrow of rats following irradiation not exceeding 300 r. A. I. Robu. Zdravookhranenie 1 no. 6 37-40 N-D '61

Effect of total external irradiation with ionizing rays on the bioelectric activity of the heart [with summary in English]. K. Sh. Nadareishvili. Trudy Inst. fiziol. AN Gruz. SSR 12 229-240 '61.

Effect of whole-body X irradiation on soluble liver proteins, electrophoretic separation of proteins on agar. A. M. Makhlina. Radiobiologiia 1 no. 6 830-833 '61.

Effect of whole-body X irradiation on the concentration, composition, and structural viscosity of desoxyribonucleic acid in the brain of baby rabbits [with summary in English]. G. S. Vatsadze, M. E. Kakulia. Trudy Inst. fiziol. AN Gruz. SSR 12 193-199 '61.

Effect of X irradiation in vitro on ultraviolet fluorescence intensity of peripheral blood cells in the rat. G. M. Barenboim, I. IA. Barskii, R. I. Pinto. Radiobiologiia 1 no. 6 843-850 '61.

Histochemical reaction for polysaccharides in studying disorders of spermatogenesis. I. A. Chalinov, T. N. Khavkin. Dokl. AN SSSR 143 no. 1 214-217 Mr '62.

Increased liability to dental caries due to ionizing radiation. IU. A. Fedorov. Dokl. AN SSSR 140 no. 5 1195-1198 O '61.

Metabolism of labile phosphorus compounds in muscle tissues during chronic X-irradiation. V. G. Remberger. Dokl. AN BSSR 6 no. 1 56-59 Ja '62.

Remote development of anemia following single exposure to X rays. G. V. Voskoboinikov, N. I. Shmeleva. Radiobiologiia 1 no. 6 887-891 '61.

Ultraviolet fluorescence excitation spectra of irradiated yeast and their brightness. N. A. Pomoshchnikova, L. S. Agroskin. Radiobiologiia 1 no. 6 838-842 '61.

X RAYS—SCATTERING

Anomalous scattering of X rays by a crystal of a supersaturated solid solution of copper in aluminum (AlCu). G. V. Kleshchev, M. M. Vasilevskaia. Dokl. AN SSSR 143 no. 1 87-89 Mr '62.

Effect on the intensity of scattered X rays exerted by lattice distortions due to differences in atomic sizes in ordered binary alloys. A. A. Smirnov, E. A. Tikhonova, A. V. Chalyi. Fiz. tver. tela 4 no. 1 77-85 Ja '62.

Some data on the quality of scattered radiation during X-ray examinations [with summary in English]. B. M. Aliev. Vest. rent. i rad. 36 no. 6 34-36 N-D '61.

Studying the order in the alloy W + 44 at. % Mo by measuring the diffuse scattering of X rays. E. IA. Ol'shanskaia, IU. V. Nekrasov, IA. S. Umanskii. Izv. AN SSSR. Ser. fiz. 26 no. 3 349-351 Mr '62.

X RAYS—THERAPEUTIC USE

Chaoul X-ray therapy for cavernous hemangiomas in children [with summary in English]. G. N. Apasov. Vop. onk. 7 no. 7 70-73 '61.

Significance of X-ray data in the differential diagnosis of jaundice [with summary in English]. I. D. I [illegible] G. I. Varnovitskii. Terap. arkh. no. 12 56-62 '61

XANTHURENIC ACID

Tryptophan - xanthurenic test in acute and chronic hepatitis [with summary in English]. I. M. Rankin. Vop. [illegible] 21 no. 1 33-38 Ja-F '62.

XEROGRAPHY

Electrophotography. F. Gertsenshtein. Nova no. 10 [illegible] '61.

XYLENE

Liquid-vapor equilibrium in the system isobutyl alcohol - isomeric xylenes. IU. N. Gaiber, R. A. Bevkun, F. N. Efimova. Zhur. prikl. khim. 35 no. 2 410-412 F '62

Separation of m- and p-xylenes by selective alkylation followed by dealkylation. S. D. Mokhtiev and others. Neftekhimiia 1 no. 1 54-59 Ja-F '61

XYLITOL

New data on the structure of xylitol dinaphthalide. N. N. Danilov and others. Zhur. ob. khim. 32 no. 2 656-657 F '62

Production of glycerol and glycols by hydrogenolysis of xylitol. N. A. Vasiunina and others. Khim. prom. [illegible] 62-66 F '62.

XYLOCAINE

Use of xycaine in tonsillectomy [with summary in English]. M. I. Vodop'ianova. Vest. otorin. no. 4 45-46 '61.

YAKUTIA—AGRICULTURE

Soveshchanie rabotnikov sel'skogo khoziaistva Dal'nego Vostoka i IAkutskoi ASSR, Khabarovsk, 1961. [Problems of resources of the land in the service of our country. Bogatstva zemli - na sluzhbu Rodine; materialy. Moskva, Izd-vo M-va sel'. khoz. RSFSR, 1962. 191 p. (DA)

YAKUTIA—BORON

Data on the boron content in some metamorphic rocks and their granitized varieties in the Taozhnoye iron ore deposit in southern Yakutia [with summary in English]. A. P. Egorov. Geokhimiia no. 9 775-783 '61.

YAKUTIA—DIAMONDS

Some characteristics of Yakut diamond surfaces [with summary in English on p. 485]. V. V. Nordov. Min. sbor. no. 14 135-140 '60.

YAKUTIA—GAS, NATURAL—PIPELINES

Overhead gas pipelines over the Yakutia taigas. P. [illegible] rov. IUn. tekh. 6 no. 1 37 Ja '62.

YAKUTIA—REVOLUTION, 1917-1921—PERSONAL NARRATIVES

Strod, I. IA. [In the Yakut taiga] V IAkutskoi taige. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 283 p. (Voennye memuary)

YAKUTIA—SPINEL

Spinels in phlogopite deposits of southern Yakutiia. V. A. Gatiuk, B. M. Shmakin. Zap. Vses. min. ob-va 90 no. 6 643-652 '61.

YAKUTIA—TUBERCULOSIS

Changes in the epidemiology and clinical aspects of tuberculosis in the Yakutian A. S. S. R. [with summary in English]. M. F. Shchepetov. Probl. tub. no. 2 8-11 '62

YALTA—RADIOLOGISTS

Ten years of the Yalta Scientific Society of Roentgenologists. A. IA. Merkulov, A. I. IAkovlev. Vest. rent. i rad. 36 no. 4 86 Jl-Ag '61.

YAMANKA—BOOKSELLERS AND BOOKSELLING

Lida came to Yamanka. V. Afanas'ev. Koop. Kazakh. 4 no. 3 6-7 Mr '61.

YANA VALLEY—QUARTZ

Structure and origin of quartz nodules from some ore deposits in the Yana-Kolyma gold-bearing belt. I. V. Firsov. Geol. rud. mestorozh. no. 1 78-86 Ja-F '62

YARN

Effect of balloon breakers on the breakage of staple yarn No. 40 in unwinding. N. I. Barchenko and others. Tekst. prom. 21 no. 6 35-36 Je '61

Manufacture of yarn from a mixture of cotton and spun rayon fibers. R. F. Kopytov. Tekst. prom. 22 no. 1 41-43 Ja '62.

YAROSLAVL—STATISTICS

Yaroslavl' (Province) Obtsinoe statisticheskoe upravlenie. [Yaroslavl; statistical collection on the economic and cultural development of the city] IAroslavl', razvitie khoziaistva i kul'tury gorodu; statisticheskii sbornik. IAroslav', [IAroslavskoe knizhnoe izd-vo] 1961. 138 p.

YAROSLAVL—THEATER

In Yaroslavl. A. Zorkii, A. Loktev. Teatr 23 no. 2 141-142 F '62.

YAROSLAVL—VIEWS
[Yaroslavl; album of photos] [Aroslavl'; al'bom fotografii. [Aroslavl', Aroslavskoe knizhnoe izd-vo, 1960] 1 v. (unpaged, chiefly illus.)
(NcU) (OrU)

YAROSLAVL PROVINCE—ANTIQUITIES
New monuments of the Fat'yanovo Culture. D. A. Krainov. Krat. soob. Inst. arkheol. no 84:83-90 '61

YAROSLAVL PROVINCE—CITY PLANNING
Planning enlarged villages on collective and state farms. V. Marovli. Sel'. stroi 16 no 12:14 D '61.

YEAST
Effect of the density of cell suspension on the radiosensitivity of yeast. S. I. Alekseeva and others. Radiobiologiia 1 no. 6:878-886 '61.

Influence of some trace elements on the quantity and quality of zymosan formation in yeast. Report 1. Some chemical indices of zymosan obtained from yeast in a nutrient medium enriched with cobalt, copper, and manganese [with summary in English]. Kh. Bass-Shadkhan, I. Galina. Izv. AN Latv. SSR no 12 69-74 '61

Nucleic acids and remote hybridization of yeast. G. P. Serenkov, S. V. Kust. Dokl. AN SSSR 142 no. 5: 1197-1200 F '62.

YELENOVKA REGION (DONETSK PROVINCE)—BLASTING
Results of using single-row and multirow short-delay blasting in pits of the Yelenovka Mining Administration. F. A. Belenko and others. Vzryv delo no. 47/4:74-84 '61

YENISEY OSTIAKS see Kets

YENISEY RIDGE—ROCKS, IGNEOUS
Possible Mesozoic magmatism in the Yenisey Ridge. F. P. Krendelev, D. V. Klechkovskii. Dokl. AN SSSR 142 no 5:1150-1152 F '62

YENISEY RIVER—ICE ON RIVERS, LAKES, ETC.
Characteristics of spring ice jams in the Yenisey River. I. IA. Liser. Shor. rab. po gidrol. no. 1:96-105 '59

YENISEY VALLEY—FAMILY
Features of the family system among the Russian population in the Yenisey region in the 17th-19th centuries. V. A. Aleksandrov. Trudy Inst. etn. 64 3-26 '61

YENISEY VALLEY—GARNET
On the so called authigenic garnets of Devonian sediments in the Chulym-Yenisey region. Z. E. Gauer. Biul. MOIP, Otd. geol. 37 no. 1:150-151 Ja-F '62

YEREVAN see Erivan

YERGENI HILLS—RUNOFF
Maximum discharge rates in the ravines on eastern slopes of the Yergeni Hills. G. V. Talalaevskii. Meteor. i gidrol. no 2:40-42 F '62.

YESSEY LAKE REGION—SOLIFLUCTION
Cases of solifluction in the Lake Yessey region. L. S. Khomichevskaia. Trudy Inst. merzl. AN SSSR 17 70-72 '61.

YESTYUNINSKOYE REGION—BLASTING
Boring and blasting operations in the Yestyuninskoye Mine. P. S. Danchev, V. L. Kolibaba, A. S. Brezgin. Vzryv delo no 47/4:39-44 '61

YOUNG COMMUNIST LEAGUE see Communist Youth League

YOUNG NATIONS see States, New

YOUTH
Sheiko, E. P., comp. [Militant youth] [Unost' boevaia; sbornik] [Novosibirsk] Novosibirskoe knizhnoe izd-vo, 1960. 229 p.
(MH)

YOUTH—CONGRESSES
Festival Year of 1962. E. Silin. Smena 39 no. 1:21 Ja '62.

YOUTH—EMPLOYMENT
[We are with you, our party!] Z toboiu, partiia! Kyiv, Vyd-vo TsK LKSMU "Molod'," 1961. 196 p.

YTTERBIUM—SPECTRA
Optical and electronic paramagnetic resonance spectra of Yb^{3+} ions in cadmium ferrate. V. K. Koniukhov, P. P. Peshkin, A. M. Prokhorov. Fiz. tver. tela 4 no. 1:246-248 Ja '62.

YTTRIUM—SPECTRA
Determination of yttrium from k-edge absorption with the aid of Tu^{170}. V. IU. Zalesskii, S. M. Przhialgovskii. Zav. lab. 28 no. 1:35-30 '62.

YTTRIUM COMPOUNDS
Formation and physical and technological properties of yttrium oxyorthosilicate, $Y_2O[SiO_4]$. E. K. Keller, A. K. Kuznetsova. Zhur. prikl. khim. 35 no. 2:250-256 F '62.

YTTRIUM HYDRIDE
Yttrium hydride. M. E. Kost. Dokl. AN SSSR 143 no 1 119-121 Mr '62

YUGODZYR', MOUNT—COSALITE
Cosalite from eastern Mongolia. A. D. Kalenov. Dokl. AN SSSR 142 no. 2 443-444 Ja '62

YUGOSLAVIA—BIBLIOGRAPHY
[New literature on Yugoslavia.] Nov. lit. po IUg. no. 12 '61.

YUGOSLAVIA—FOREIGN RELATIONS—BULGARIA
"Bulgarian-Yugoslavian Pact of 1937 as the 'Bulgarian Munich'" [in Bulgarian] by P. Arsov. Reviewed by I. S. Khotin. Vop. ist. no 2,167-168 F '62

YUGOSLAVIA—LAW—PERIODICALS
Legal publications in the Federal People's Republic of Yugoslavia. E. L. Sov. gos. i pravo no 2:152 F '57.

YUGOSLAVIA—MOTION PICTURES IN EDUCATION
Two weeks in Yugoslavia. G. Vlasov. Nar. obr. no 3: 102-103 Mr '62.

YUR'YEV POL'SKIY—CATHEDRALS
Several reliefs of the St. George Cathedral in Yur'ev-Pol'skiy. N. N. Voronin. Sov. arkheol. 6 no 1. 140-151 '62

YUR'YEV-POL'SKIY—RELIEF (SCULPTURE)
Several reliefs of the St. George Cathedral in Yur'ev-Pol'skiy. N. N. Voronin. Sov. arkheol. 6 no. 1. 140-151 '62

YUTAZINSKIY DISTRICT—PUBLIC HEALTH
Work of Yutazinskiy District Hospital in the Tatar A.S.S.R. N. A. Miftakhov. Kaz. med. zhur. no. 6 75 N-D '61.

ZADONSK—BANKS AND BANKING
State Bank's business and people. I. Glinkin. Den. i kred. 20 no 2:57-60 F '62.

ZAGORSK—BANKS AND BANKING
Studying economics is an important task of the State Bank. N. Kolosov. Den. i kred. 20 no 2:60-62 F '62

ZAGORSK—INDUSTRIAL MANAGEMENT
Studying economics is an important task of the State Bank. N. Kolosov. Den. i kred. 20 no 2:60-62 F '62.

ZAILIYSKIY ALA-TAU see Trans-Ili Ala-Tau

ZAMANKUL REGION—OIL FIELDS—PRODUCTION METHODS
Preliminary results of a study of the new oil field of Zamankul. V. N. Maidebor, N. P. Lebedinets, V. I. Starostin. Trudy GrozNII no. 10:43-49 '61.

ZAMIATNIN, SERGEI NIKOLAEVICH, 1699-1958
Sergei Nikolaevich Zamiatnin. Krat. soob. Inst. arkheol. no. 82:3-4 '61.

ZANZIBAR—POLITICS AND GOVERNMENT
How an American historian tries to vindicate English colonizers. M. A. Danilov. Vop. ist. no. 3:189-190 Mr '62.

ZAPADNAYA DVINA see Western Dvina River

ZAPOROGIANS
"Zaporogian Host in the struggle against the aggression of the Turks and Tatars, from 1650 to 1660" by O. M. Apanovych. Reviewed by K. I. Stetsiuk. Ukr. ist. zhur. 6 no 1:137-138 Ja-F '62

ZAPOROZH'YE—CHEMICAL INDUSTRIES
Applying the new technology. G. TSadkin. Mest. prom. i khud. promys. 3 no. 1:9 Ja '62.

ZAPOROZH'YE—COKE
Improving the stability of coke quality at the Zaporozh'ye By-Product Coke Plant. A. S. Bruk and others. Koks i khim. no. 6:10-12 '61.

ZAPOROZH'YE—COKE INDUSTRY
Glorious road of Zaporozh'ye coke chemists. P. IA. Kuleshov, I. IA. Mezentsev. Koks i khim. no. 6:6-9 '61.

ZAPOROZH'YE PROVINCE—CONSTRUCTION INDUSTRY
Specialization in the building organizations of Zaporozh'ye. V. Medvedev. Stroi. i arkhit. 9 no 12:18-19 D '61.

ZAPOROZH'YE—IRON AND STEELWORKERS
Important discussion; notes taken at the plant trade-union conference. S. Naumov. Sov. profsoiuzy 18 no. 1: 24-25 Ja '62.

ZAPOROZH'YE PROVINCE—FINANCE
Let us devote all our strength to uncovering hidden potentialities in the economy. P. Kushch, V. Bragin. Fin. SSSR. 23 no. 1:50-52 Ja '62.

ZAPOROZH'YE PROVINCE—MANGANESE ORES
Oligocene sediments of the Bol'shoy Tokmak manganese deposit [with summary in English]. IU. I. Selin. Biul. MOIP, Otd. geol. 37 no. 1:72-84 Ja-F '62.

ZAPOROZH'YE PROVINCE—SEDIMENTS (GEOLOGY)
Oligocene sediments of the Bol'shoy Tokmak manganese deposit [with summary in English]. IU. I. Selin. Biul. MOIP, Otd. geol. 37 no. 1:72-84 Ja-F '62

ZAPOROZH'YE PROVINCE—SOVIETS
Local soviets and the Soviet public. Sov. deput. trud. no. 2:104 F '62

ZAPOROZH'YE REGION—CRANIOLOGY
Paleoanthropological materials from the Vol'nyi neolithic burial mound. T. S. Surnina. Trudy Inst. etn. 71 3-25 '61.

ZARECHNYY VOLCANO
Some recent data on the Kharchinskiy and Zarechnyy Volcanoes. N. V. Ogorodov, V. I. Belousov. Biul. Vulk. sta. no 31 46-51 '61.

ZAR'IAN, NAIRI, 1900-
The true voices of our time [in Armenian with summary in Russian]. G. A. Sarkisian. Ist.-filol. zhur. no. 3/4 149-165 '61

ZAV'IALOV, IVAN ALEKSANDROVICH, 1880-
Ivan Aleksandrovich Zav'ialov, of Kiev, eminent scientist and surgeon, on his 80th birthday. N. E. Dudko. Nov. khir. arkh. no 4:123 Jl-Ag '60

ZAY VALLEY—OIL FIELDS—PRODUCTION METHODS
In the valley of the Zay River. M. Zaripova. Neftianik 7 no 2 18 F '62.

ZAYSAN—DEPARTMENT STORES
Good deeds. V. Davydenko. Koop. Kazakh. 4 no. 12: 19-20 D '61

ZAYSAN LAKE REGION—MAMMALS, FOSSIL
The Obaylinskaya fauna as the oldest complex of fossil mammals in the U. S. S. R. L. K. Gabunia. Soob. AN Gruz. SSR 27 no. 6:711-713 D '61.

ZDOLBUNOV DISTRICT—POTTERY, PRIMITIVE
Culture of the pottery ornamented with dotted lines near the village of Zdolbitsa, Ukrainian S. S. R. I. K. Sveshnikov. Krat. soob. Inst. arkheol. no. 85:55-65 '61.

ZEIN
Transformation of protein fractions during the germination of corn seeds. A. N. Pavlov. Dokl. AN SSSR 143 no. 1 235-238 Mr '62

ZELINSKII, NIKOLAI DMITRIEVICH, 1861-1953
N. D. Zelinskii and present-day developments of petrochemistry, on the 100th anniversary of his birth. A. F. Plate. Neftekhimiia 1 no 1:7-14 Ja-F '61.

Nikolai Dmitrievich Zelinskii. V. A. Varsanof'eva. Biul. MOIP. Otd. geol. 37 no. 1:130-144 Ja-F '62.

ZEMINYI ISLAND—SOLAR RADIATION
Income of radiation and atmospheric transparency over the sea. L. L. Sakali, L. N. Chukhnina. Trudy Ukr-NIGMI no. 26 29-33 '61

ZEMSTVO
Establishment of the zemstvo in western governments and the failure of Stolypin's policy. A. IA. Avrekh. Ist. zap. no. 70:81-112 '61.

ZENKOVICH, PANTELEIMON IVANOVICH, 1901-
Panteleimon Ivanovich Zenkovich's sixtieth birthday. P. N. Bashkirov. Vop. antr. no. 8 153-154 '61.

ZEOLITES
Production of an industrial batch of zeolite desiccant. M. I. Breiman and others. Khim. prom. no 2:147 F '62.

Rocks containing analcite and zeolites from the Northern-Onega bauxite deposit. E. A. Kal'berg, E. P. Levando. Dokl. AN SSSR 142 no 4 919-921 F '62.

ZEYA-BUREYA PLAIN—PALEOBOTANY, STRATIGRAPHIC
Recent data on the boundary flora between the Cretaceous and the Paleogene of the Zeya-Bureya Depression. G. M. Bratseva. Dokl. AN SSSR 143 no 1 167-170 Mr '62.

ZHANAARKINSKIY DISTRICT—ANTIQUITIES
Burial mound Sanguyr No. 2. M. K. Kadyrbaev. Trudy Inst. ist., arkheol. i etn. AN Kazakh. SSR no. 12:48-61 '61.

ZHANAARKINSKIY DISTRICT—MOUNDS
Burial mound Sanguyr No. 2. M. K. Kadyrbaev. Trudy Inst. ist., arkheol. i etn. AN Kazakh. SSR no. 12:48-61 '61.

ZHIGANOV, NAZIB GAIAZOVICH, 1911-
Kasatkina, G. [N. Zhiganov's opera "Dzhalil"; an analysis] Opera N. Zhiganova "Dzhalil"; putevoditel', Moskva, Sovetskii kompozitor, 1961. 54 p.

ZHODINO—MOTOR VEHICLES
Our plant is working for communism. N. Vasil'ev. Za rul. 20 no. 1:4-5 Ja '62.

ZINC—ANALYSIS
Amperometric determination of zinc using the pyridine-thiocyanate method A T Marunina Zav lab 28 no 1 25-26 '62

ZINC—METALLURGY
Effect of various additions on the modification and recrystallization temperature of zinc D I Lainer, L A Bazhenova, V V Agafonova Trudy Giprotsvetmetobrabotka no 20 81-96 '61
Investigations in the field of improving service characteristics of zinc for printing purposes. D L Lainer and others. Trud, Giprotsvetmetobrabotka no 20 97-103 '61

ZINC ALLOYS
Study of the technological properties of zinc type alloys. I A Aleksakhin, A. A. Semionov Sbor. nauch rab. VNIIPP no 11 45-70 '60

ZINC CHLORIDE
Catalytic action of zinc chloride in Gesh synthesis E N. Zil'berman, N. A. Rybakova Zhur ob khim 32 no. 2: 591-596 F '62

ZINC-COPPER ALLOYS see Copper-zinc alloys

ZINC MINES AND MINING see subdivision under Zyryanovsk

ZINC OXIDE CRYSTALS
Electroluminescence of ZnO single crystals. I K Vereshchagin, I. T. Drapak Opt i spektr 12 no 1: 122-123 Ja '62

ZINC PLATING
Effect of ultrasonic waves on the electrodeposition of zinc. N. T Kudriavtsev, A M Smirnova. Zhur prikl khim 35 no. 2:328-334 F '62.

ZINC SELENIDE CRYSTALS—SPECTRA
Exciton spectrum of hexagonal ZnSe monocrystals E. F Gross, L G Suslina, P. A Kon'kov. Fiz. tver. tela 4 no 2 396-400 F '62.

ZINC TITANATES—ELECTRIC PROPERTIES
Electroconductivity of magnesium and zinc titanates induced by neutron irradiation. L K Vodop'ianov Fiz tver tela 4 no. 1, 74-76 Ja '62

ZIRCON
Thermodynamic characteristics of zirconium dioxide, zircon aluminum titanates, and magnesium titanates [with summary in English] A S Berezhnoi Dop AN URSR no 1 65-68 '62.

ZIRCONIUM
Mechanism of rectifying action on an oxidized zirconium electrode. N. G. Bardina, P D Lukovtsev Dokl. AN SSSR 140 no. 5:1102-1105 O '61

ZIRCONIUM—CORROSION
Corrosion resistance of zirconium alloys in the circulating water medium N G Rassokhin, V N. Mel'nikov Teploenergetika 9 no 2 60-62 F '62

ZIRCONIUM CHLORIDE
Preparation of titanium and zirconium tetrachloride during the processing of titanium-zircon concentrates. A. S. Berengard, V. A. Kozhemiakin, N A. Filatova. Titan i ego splavy no. 5:181-187 '61
Properties of zirconium and thorium chlorides in ethyl alcohol solutions. A. I Sviridova, N. V Sulkovskaia Zhur. prikl khim 35 no. 2:280-285 F '62

ZIRCONIUM COMPOUNDS
Equilibrium potentials of zirconium in a fused equimolar mixture of sodium and potassium chlorides V E Komarov, M. V. Smirnov, A. N Baraboshkin. Trudy Inst. elektrokhim UFAN SSSR no 1:17-22 '60

ZIRCONIUM FLUORIDE
Zirconium and hafnium oxo-fluorides. IU A Buslnev, IU E Gorbunova, M P. Gustiakova Izv AN SSSR Otd khim nauk no 2 195-201 F '62.

ZIRCONIUM NITRIDES
Physical properties of zirconium nitride in the homogeneity region [with summary in English] H. V. Samsonov, T S Verkhoglladova Dop AN URSR no. 1 48-50 '62.

ZIRCONIUM SILICATES see subdivision under Lovozero Tundras

ZIZIPHORA
Prophylaxis and therapy of experimental myocardial infarction in rabbits by preparations derived from Bunge's Ziziphora F. D. Dzhumagalieva Vest. AN Kazakh. SSR 18 no. 1:53-66 Ja '62

ZLATOUST—FINANCE
Unused potentials. S. Tambovtsev. Fin. SSSR 23 no. 2, 57-58 F '62

ZLATOUST—INDUSTRIAL MANAGEMENT
Unused potentials. S. Tambovtsev. Fin. SSSR 23 no. 2: 57-58 F '62

ZMEINYY ISLAND—GEOLOGY
Geology of Zmeinyy Island (Black Sea) [with summary in English]. A V. Drumia, P. K. Ivanchuk. Biul MOIP Otd. geol. 37 no 1:125-129 Ja-F '62

ZONE MELTING
Effect of electric slag remelting of steels and alloys high in addition elements on the removal of nonmetallic inclusions. M. M. Kliuev, V. V. Topilin. Izv. vys. ucheb. zav. ,chern. met 5 no. 1:78-89 '62
Studying optimal conditions for the removal of oxygen and oxide inclusions in electric slag remelting M. M Kliuev and others Avtom svar 15 no 3 86-87 Mr '62
Zonal straightening of ring-shaped ingots. V. N Romanenko. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 1: 70-75 Ja-F '62.

ZOOGEOGRAPHY
(see also subdivision under Kazakhstan)
"Zoogeography: the geographical distribution of animals" [in English] by Philip J Darlington Reviewed by T D. Gladkova. Vop. antr. no. 5:158-160 '60.

ZOOLOGICAL GARDENS see subdivision under Kiev

ZOOLOGICAL RESEARCH
Materials on the history of zoology in Russian universities, zoology in the publications of societies of naturalists. V. I. Lovin Trudy Inst. ist. est i tekh 41: 391-413 '61.

ZOOLOGY see subdivision under Vitim Plateau

ZOOPLANKTON see subdivision under Arabian Sea, Atlantic Ocean; Bengal, Bay of; Black Sea; Courland Lagoon, Indian Ocean; Pacific Ocean

ZORINO—COMMUNITY LIFE
Why is it so boring in Zorino village? P Polilukov Kul't.-pros. rab. 33 no 1, 40-41 Ja '62.

ZOROASTRIANISM
"Avesta" by A. O. Makovel'skii. Review by B. T. Gorian ... Izv. AN Turk SSR. Ser. obshchestv. nauk no. 6:86-90 '61.

ZUBOVKA (EAST KAZAKHSTAN PROVINCE)—RESTAURANTS, LUNCHROOMS, ETC.
We dropped in on the way. D. Cernatmenko Koop Kazakh 4 no 1 17-19 Ja '61.

ZYMOSAN
Influence of some trace elements on the quantity and quality of zymosan formation in yeast. Report I Some chemical indices of zymosan obtained from yeast in a nutrient medium enriched with cobalt, copper, and manganese [with summary in English]. Kh Bana-Shadkhan, I. Galina. Izv. AN Latv. SSR no. 12 69-74 '61.

ZYRYA REGION—GEOLOGY, STRUCTURAL
Some tectonic features of the Zyrya deposits K. A Ismailov, V. G. Idrisov. Dokl. AN Azerb SSR 17 no. 11:1059-1063 '61.

ZYRYA REGION—OIL FIELD BRINES
Deep condensation waters of gas-condensate beds and their conditions of their formation B I Sultanov Dokl AN Azerb. SSR 17 no 12:1165-1167 '61

ZYRYANOVSK—ZINC MINES AND MINING
A beacon with which we align. R. Abel'dinov Gor. Mir Kazakh. 20 no 2:60-62 F '62

ZYRYANOVSK REGION—BLASTING
Study of the shattering effect of large-scale blasting in the Zyryanovsk open-pit mine B V Pozdniakov, B V Nelubov, A. A Tuchev Gor zhur. no 11:15-17 N '61

ZYRYANOVSK REGION—MINE HAULAGE
Continuous transportation of overburden rocks in the Zyryanovsk open-pit mine B. V. Fadeev, G. M. Volkov Gor zhur no 10:37-38 O '61.

Monthly Index
of
Russian Accessions

Volume 15, No. 3 June 1962

THE LIBRARY OF CONGRESS
WASHINGTON : 1962

INTRODUCTORY NOTE

The MONTHLY INDEX OF RUSSIAN ACCESSIONS* is a record of the publications in the Russian language issued in and outside the Soviet Union that are currently received by the Library of Congress and a group of cooperating libraries. Whenever possible, publications printed in other languages spoken in the Soviet Union are also included.

The MONTHLY INDEX consists of three parts. Part A lists monographic literature, but no accessions published earlier than 1945 are included. To facilitate the use of this INDEX by readers who are not thoroughly familiar with the Russian language, the title in the original language in Part A is preceded by its English translation in brackets.

Part B lists Russian periodicals received, but excludes accessions printed earlier than 1917. Certain Soviet periodicals are being translated into English from cover to cover and published regularly in translation in the United States and other English-speaking countries. A list of such translated periodicals, their publishers, subscription prices, etc., is given at the end of each issue of the *Monthly Index*. In Part B such periodicals are indicated by an asterisk before the periodical title.

Part C provides subject analysis of the monographic titles listed in Part A and of the articles appearing in the periodicals enumerated in the *List of Periodicals Indexed and Abbreviations Used* at the beginning of Part C. The number and letter in parentheses following each abbreviation indicate the class and subclass in which the periodical appears in Part B. For the convenience of readers desiring to examine only monographs or periodical articles, the monographs are printed in slightly heavier type than the periodical articles. The titles of monographs are given both in the original language and in English translation, whereas titles of periodical articles are given in English translation only.

Sample title: Electric action of the brain in glaucoma. L.S.Levina, G.M.Neishtadt. Vest.oft. 30 no.5: 8–12 S–O '51.

Explanation: An article with title given above in English translation, written by L. S. Levina and G. M. Neishtadt, will be found in the September–October 1951 issue of *Vestnik oftalmologii*, vol. 30, no. 5, pages 8–12.

A cumulative list of periodicals included in the current volume appears in number 12 of that volume. This list is arranged by subject; the symbols of American libraries other than the Library of Congress, known to have files of such periodicals, follow each title.

Except in Part C, the material is divided into 17 subject classes and is arranged alphabetically within each class. In addition, for the convenience of the reader, the serials listed in Part B are divided within each subject class into several subclasses. All entries are transliterated according to the usual Library of Congress system except that ligatures are omitted. Unless otherwise indicated, all listed items are represented in the collections of the Library of Congress. Symbols representing other libraries indicate when items are available in those libraries. Curves ( ) around a symbol indicate that at the time of receipt the material was available in another library but not in the Library of Congress.

Cumulative author, subject, and periodical location indexes to the first four volumes of the MONTHLY INDEX are available as separate publications. Beginning with Volume 5, an author index to the monographs, and a periodical location index for the entire volume are furnished as appendices to the first two issues of the following volume.

Orders for microfilm or photostat copies of the listed items that are in the collections of the Library of Congress may be placed with the Photoduplication Service, Library of Congress, Washington 25, D. C.

The MONTHLY INDEX OF RUSSIAN ACCESSIONS is for sale by the Superintendent of Documents, U. S. Government Printing Office, Washington 25, D. C.

Price of single copies varies; subscription price, $12.00 a year domestic, $16.00 a year foreign. Price of Cumulative Index to Volumes 1–3, $1.50; to Volume 4, $0.60.

L. C. card, 48–46562

*Volumes 1–10 (No. 9), 1948–1957, issued under title *Monthly List of Russian Accessions.*

SYMBOLS OF LIBRARIES REPORTING RECEIPT OF PUBLICATIONS

AAP	Auburn University, Auburn, Ala.
AMAU	Air University Library, Maxwell Air Force Base, Montgomery, Ala.
AU	University of Alabama, University
AzU	University of Arizona, Tucson
C	California State Library, Sacramento
CCC	Claremont College, Claremont, Calif.
CCH	Honnold Library, Claremont, Calif.
CCP	Pomona College, Claremont, Calif.
CFS	Fresno State College, Fresno, Calif.
CL	Los Angeles Public Library
CLCM	Los Angeles County Museum Library, Los Angeles
CLL	Los Angeles County Law Library, Los Angeles
CLM	Los Angeles County Medical Association, Los Angeles
CLSU	University of Southern California, Los Angeles
CLU	University of California at Los Angeles
CMthL	University of California, Lick Observatory, Mount Hamilton
CPT	California Institute of Technology, Pasadena
CSf	San Francisco Public Library
CSfA	California Academy of Sciences, San Francisco
CSfU	University of San Francisco, San Francisco
CSmH	Henry E. Huntington Library, San Marino, Calif.
CSt	Stanford College Libraries, Stanford, Calif.
CSt-H	— The Hoover Institution on War, Revolution, and Peace
CSt-L	— Lane Medical Library
CStbS	University of California, Santa Barbara Library, Goleta
CStmoR	Rand Corporation, Santa Monica, Calif.
CU	University of California, Berkeley
CU-A	— University of California, Davis
CU-B	— Bancroft Library, Berkeley
CU-E	— East Asiatic Library, Berkeley
CU-M	— Medical Center, San Francisco
CU-Riv	— College of Arts, Letters and Science, Riverside
CU-S	— Scripps Institution of Oceanography, La Jolla
CaAEU	University of Alberta, Edmonton, Canada
CaBVa	Vancouver Public Library, Vancouver, Canada
CaBVaU	University of British Columbia, Vancouver, Canada
CaBViPA	Provincial Archives, Victoria, Canada
CaMWM	Manitoba Medical College, Winnipeg, Canada
CaOKQ	Queen's University, Kingston, Canada
CaOL	London Public Library, London, Canada
CaOOA	Public Archives Library, Ottawa, Canada
CaOOAg	Department of Agriculture, Main Library, Ottawa, Canada
CaOLU	University of Western Ontario, London, Canada
CaOOG	Geological Survey of Canada, Ottawa, Canada
CaOOGB	Geographical Bureau Library, Ottawa, Canada
CaOOH	Laboratory of Hygiene, Ottawa, Canada
CaOON	National Research Council, Ottawa, Canada
CaOONM	National Museum, Ottawa, Canada
CaOOS	Dominion Bureau of Statistics, Ottawa, Canada
CaOOU	~~University~~ of Ottawa, Ottawa, Canada
CaOTM	Library, Meteorological Branch, Air Services, Dept. of Transport, Toronto, Canada
CaOTR	Royal Canadian Institute, Toronto. (Collection included with CaOTU)
CaOTU	University of Toronto, Toronto, Canada
CaQMAI	Arctic Institute of North America, Montreal, Canada
CaQMBM	Bibliotheque Municipale, Montreal, Canada
CaQMM	McGill University, Montreal, Canada
CaQMMM	— Medical Library
CaQMU	University of Montreal, Montreal, Canada
CaSSU	University of Saskatchewan, Saskatoon, Canada
CoBBS	U. S. National Bureau of Standards, Boulder Laboratories, Colorado
CoD	Denver Public Library
CoDM	Medical Society of the City and County of Denver
CoFS	Colorado State University, Fort Collins
CoU	University of Colorado, Boulder
CtHT	Trinity College, Hartford, Conn.
CtW	Wesleyan University, Middletown, Conn.
CtY	Yale University, New Haven
CtY-L	— Law Library
CtY-M	— Medical School Library
DA	U. S. Department of Agriculture Library
DAIA	American Institute of Architects Library, Washington, D. C.
DAL	U. S. Army Library, Pentagon Building
DBC	U. S. Bureau of the Census Library
DBS	U. S. Bureau of Standards Library
DC	U. S. Department of Commerce Library
DCU	Catholic University of America Library, Washington, D. C.
DDC	Dominican House of Studies, Immaculate Conception Convent Library, Washington, D. C.
DDO	Dumbarton Oaks Research Library of Harvard University, Washington, D. C.
DFR	Board of Governors of the Federal Reserve System
DI	U. S. Department of the Interior Library
DI-GS	— Geological Survey Library
DM	U. S. Bureau of Mines Library. (Library integrated with DI)
DN	U. S. Department of the Navy Library
DN-HO	— Hydrographic Office Library
DN-Ob	— Naval Observatory Library
DN-RL	Naval Research Laboratory Library, Anacostia Station, Washington, D. C.
DNIH	National Institutes of Health Library, Bethesda, Md.
DNLM	U. S. National Library of Medicine
DNW	U. S. National War College Library, Fort McNair
DP	U. S. Patent Office Library
DS	U. S. Department of State Library
DSC	Scottish Rite Supreme Council Library
DSI	Smithsonian Institution Library, Washington, D. C.
DSI-AO	— Astrophysical Laboratory Library
DSI-E	— Bureau of American Ethnology Library
DSI-M	— National Museum Library
DWB	U. S. Weather Bureau Library
DeU	University of Delaware, Newark
FMU	University of Miami, Coral Gables, Fla.
FTaSU	Florida State University, Tallahassee
FU	University of Florida, Gainesville
GAT	Georgia Institute of Technology, Atlanta
GEU	Emory University, Atlanta
GU	University of Georgia, Athens
I	Illinois State Library, Springfield
IArg	Argonne National Laboratory, Argonne, Ill.
ICA	Art Institute of Chicago, Chicago
ICAC	American College of Surgeons Library, Chicago
ICF	Chicago Natural History Museum, Chicago
ICJ	John Crerar Library, Chicago
ICMILC	Midwest Inter-Library Center, Chicago
ICN	Newberry Library, Chicago
ICU	University of Chicago, Chicago
ICU-Y	Yerkes Observatory, Williams Bay, Wis.
ICarbS	Southern Illinois University, Carbondale
IEN	Northwestern University, Evanston, Ill.
IHi	Illinois State Historical Library, Springfield
IU	University of Illinois, Urbana
IaAS	Iowa State University of Science and Technology, Ames
IaU	State University of Iowa, Iowa City
IdNTS	National Reactor Testing Station, Technical Library, Phillips Petroleum Company, Idaho Falls, Idaho
In	Indiana State Library, Indianapolis

InIA	Indiana Academy of Science Library, Indianapolis
InLP	Purdue University, Lafayette, Ind.
InNd	University of Notre Dame, Notre Dame, Ind.
InU	Indiana University, Bloomington
KAS	St. Benedict's College, Atchison, Kan.
KMK	Kansas State University, Manhattan
KU	University of Kansas, Lawrence
KU-L	— School of Law Library
KU-M	— Medical Center Library, Kansas City
KyU	University of Kentucky, Lexington
LNHT	Howard-Tilton Memorial Library of Tulane University, New Orleans, La.
LU	Louisiana State University, Baton Rouge
MA	Amherst College, Amherst, Mass.
MB	Boston Public Library
MBAt	Boston Athenaeum, Boston
MBM	Boston Medical Library, Boston
MBN	Boston Society of Natural History, Boston
MBU	Boston University
MBdAF	U. S. Air Force Cambridge Research Center, Bedford, Mass.
MCM	Massachusetts Institute of Technology, Cambridge, Mass.
MH	Harvard University, Cambridge, Mass.
MH-A	— Arnold Arboretum, Jamaica Plain
MH-AH	— Andover-Harvard Theological Seminary Library
MH-BH	— Blue Hill Meteorological Observatory, Milton, Mass.
MH-BL	— Biological Laboratories Library
MH-C	— Chemistry Library
MH-F	— Farlow Reference Library
MH-FA	— Fogg Art Museum Library
MH-G	— Gary Herbarium Library
MH-GM	— Gordon McKay Library
MH-HY	— Harvard-Yenching Institute (Chinese-Japanese Library)
MH-L	— Law School Library
MH-M	— Schools of Medicine, Public Health and Dental Medicine, Boston
MH-Mi	— Mineralogical Library
MH-O	— Astronomical Observatory, the Phillips Library
MH-P	— Peabody Museum Library
MH-PR	— Physics Research Library
MH-SD	— Graduate School of Design Library
MH-Z	— Museum of Comparative Zoology Library
MMeT	Tufts University, Medford, Mass.
MNS	Smith College, Northampton, Mass.
MWelC	Wellesley College, Wellesley, Mass.
MWhB	Marine Biological Laboratory, Woods Hole, Mass.
MdAN	U. S. Naval Academy, Annapolis
MdBJ	Johns Hopkins University, Baltimore
MdBWA	Walters Art Gallery, Baltimore
MeB	Bowdoin College, Brunswick, Maine
MeWC	Colby College, Waterville, Maine
MiD	Detroit Public Library
MiDA	Detroit Institute of Arts
MiDW	Wayne State University, Detroit
MiEM	Michigan State University, East Lansing
MiMidD	Dow Chemical Company, Midland, Mich.
MiU	University of Michigan, Ann Arbor
MiU-C	— William L. Clements Library
MiU-L	— Law Library
MnSJ	James Jerome Hill Reference Library, St. Paul
MnU	University of Minnesota, Minneapolis
MnU-B	— Bio-Medical Library
MnU-L	— Law Library
MoFC	Central College, Fayette, Mo.
MoKL	Linda Hall Library, Kansas City
MoRM	University of Missouri School of Mines and Metallurgy, Rolla
MoS	St. Louis Public Library
MoSB	Missouri Botanical Garden, St. Louis
MoSU	St. Louis University, St. Louis
MoSW	Washington University, St. Louis
MoU	University of Missouri, Columbia
MsSM	Mississippi State University, State College
MsU	University of Mississippi, Oxford
MtBC	Montana State College, Bozeman
MtU	Montana State University, Missoula
N	New York State Library, Albany
NB	Brooklyn Public Library
NBC	Brooklyn College, Brooklyn
NBG	Brooklyn Botanic Garden, Brooklyn
NBM	Medical Society of the County of Kings and Academy of Medicine of Brooklyn Library, Brooklyn
NBSU-M	State University of New York, College of Medicine Downstate Medical Center Library, Brooklyn
NBuB	Buffalo Society of Natural Sciences, Buffalo
NCH	Hamilton College, Clinton, N. Y.
NCorniC	Corning Glass Works Library, Corning, N. Y.
NCsC	Carnegie Institution, Department of Genetics, Cold Spring Harbor, N. Y.
NIC	Cornell University, Ithaca, N. Y.
NIC-A	— State Colleges of Agriculture and Home Economics
NN	New York Public Library
NNA	American Geographical Society, New York
NNBG	New York Botanical Garden, Bronx Park, New York
NNC	Columbia University, New York
NNC-L	— Law Library
NNC-M	— Medical Library
NNC-T	— Teachers College Library
NNCC	Chemists' Club, New York
NNCoCi	College of the City of New York, New York
NNCorM	Cornell University Medical College Library, New York
NNE	Engineering Societies Library, New York
NNF	Fordham University, New York
NNIS	Library for Intercultural Studies, New York
NNJ	Jewish Theological Seminary of America, New York
NNM	American Museum of Natural History, New York
NNMM	Metropolitan Museum of Art Library, New York
NNNAM	New York Academy of Medicine, New York
NNPH-O	Institute of Ophthalmology, Presbyterian Hospital, New York
NNR	Russell Sage Foundation, College of the City of New York
NNRI	Rockefeller Institute for Medical Research, New York
NNU	New York University Libraries, New York
NNU-H	— University Heights Library
NNU-W	— Washington Square Library
NNUN	United Nations Library, New York
NPV	Vassar College, Poughkeepsie, N. Y.
NRE	Eastman Kodak Company, Rochester, N. Y.
NRU	University of Rochester, Rochester, N. Y.
NSyU	Syracuse University, Syracuse, N. Y.
NUpB	U. S. Brookhaven National Laboratory, Upton, N. Y.
NYBT	Boyce Thompson Institute for Plant Research, Yonkers, N. Y.
NbU	University of Nebraska, Lincoln
NcD	Duke University, Durham, N. C.
NcGW	Woman's College of the University of North Carolina, Greensboro
NcRS	North Carolina State College of Agriculture and Engineering, Raleigh
NcU	University of North Carolina, Chapel Hill
NdU	University of North Dakota, Grand Forks
Nh	New Hampshire State Library, Concord
NhD	Dartmouth College, Hanover, N. H.
NjI	Irvington Free Public Library, Irvington, N. J.
NjMuB	Bell Telephone Laboratories, Murray Hill, N. J.

NjN	Newark Public Library, Newark, N. J.
NjP	Princeton University, Princeton, N. J.
NjR	Rutgers University, New Brunswick, N. J.
O	Ohio State Library, Columbus
OCH	Hebrew Union College, Cincinnati
OCLloyd	Lloyd Library and Museum, Cincinnati
OCU	University of Cincinnati, Cincinnati
OCl	Cleveland Public Library
OClBHS	Benedictine High School, Cleveland
OClJC	John Carroll University, Cleveland
OClM	Cleveland Medical Library
OClMA	Cleveland Museum of Art
OClW	Western Reserve University, Cleveland
OCoB	Battelle Memorial Institute, Columbus
ODW	Ohio Wesleyan University, Delaware, Ohio
OHi	Ohio State Historical Society, Columbus
OO	Oberlin College, Oberlin, Ohio
OOxM	Miami University, Oxford, Ohio
OSte	Carnegie Library, Steubenville, Ohio
OU	Ohio State University, Columbus
OUCA	Chemical Abstracts, Ohio State University, Columbus
OkS	Oklahoma State University, Stillwater
OkU	University of Oklahoma, Norman
OrCS	Oregon State College, Corvallis
OrPR	Reed College, Portland, Ore.
OrU	University of Oregon, Eugene
P	Pennsylvania State Library, Harrisburg
PBL	Lehigh University, Bethlehem, Pa.
PBm	Bryn Mawr College, Bryn Mawr, Pa.
PHC	Haverford College, Haverford, Pa.
PLF	Franklin and Marshall College, Lancaster, Pa.
PP	Free Library of Philadelphia
PPAN	Academy of Natural Sciences, Philadelphia
PPAmP	American Philosophical Society, Philadelphia
PPBC	Philadelphia Bibliographical Center and Union Library Catalogue
PPC	College of Physicians of Philadelphia
PPDrop	Dropsie College for Hebrew and Cognate Learning, Philadelphia
PPF	Franklin Institute, Philadelphia
PPPM	Philadelphia Museum of Art
PPT	Temple University, Philadelphia
PPWI	Wistar Institute of Anatomy and Biology, Philadelphia
PPiCI	Carnegie Institute of Technology, Pittsburgh
PPiU	University of Pittsburgh, Pittsburgh
PRosC	Rosemont College, Rosemont, Pa.
PSC	Swarthmore College, Swarthmore, Pa.
PSt	Pennsylvania State University, University Park
PU	University of Pennsylvania, Philadelphia
PU-BZ	— Botany-Zoology Library
PU-El	— Moore School of Electrical Engineering Library
PU-FA	— School of Fine Arts Library
PU-Math	— Mathematics-Physics Library
PU-Mu	— University Museum Library
PU-Penn	— Penniman Library of Education
PU-Sc	— Towne Scientific School Library
RPB	Brown University, Providence, R. I.
RU	University of Rhode Island, Kingston
TCU	University of Chattanooga, Chattanooga, Tenn.
TNJ	Joint University Libraries (Vanderbilt University, George Peabody College for Teachers, and Scarritt College), Nashville, Tenn.
TONS	Oak Ridge Institute of Nuclear Studies, Oak Ridge, Tenn.
TU	University of Tennessee, Knoxville
TxCM	Agricultural and Mechanical College of Texas, College Station
TxDaM	Southern Methodist University, Dallas
TxHR	Rice Institute, Houston
TxLT	Texas Technological College, Lubbock
TxU	University of Texas, Austin
ULA	Utah State Agricultural College, Logan
ViBlbV	Virginia Polytechnic Institute, Blacksburg
ViU	University of Virginia, Charlottesville
ViU-L	— Law Library
ViW	College of William and Mary, Williamsburg
VtMiM	Middlebury College, Middlebury, Vt.
VtU	University of Vermont and State Agricultural College, Burlington
WHi	State Historical Society of Wisconsin, Madison
WU	University of Wisconsin, Madison
WaU	University of Washington, Seattle
WvU	West Virginia University, Morgantown

MONTHLY INDEX OF RUSSIAN ACCESSIONS

LIBRARY OF CONGRESS—PROCESSING DEPARTMENT

VOLUME 15, NO. 3 JUNE 1962

TABLE OF CONTENTS

Part A—Monographic Works

Page

1. General 619
2. Bibliography 619
3. Philosophy & Religion 619
4. History 620
5. Social Sciences 622
6. Political Science 625
7. Law 627
8. Education 627
9. Music, Theater & Motion Pictures 628
10. Fine Arts 629
11. Language, Literature & Folklore 630
12. Geography & Geology 634
13. Science 635
14. Medicine 638
15. Agriculture 640
16. Technology 643
17. Military & Naval Sciences 652

Part B—Periodicals

1. General
   - *a.* Scholarly journals 654
   - *b.* Popular magazines 654
2. Bibliography
   - *a.* Bibliography 655
   - *b.* Libraries & library science .....
   - *c.* Printing & the book trade 655
3. Philosophy & Religion
   - *a.* Philosophy 655
   - *b.* Religion 655
4. History
   - *a.* General 656
   - *b.* Archaeology & antiquities 656
5. Social Sciences
   - *a.* Commerce 656
   - *b.* Economics 656
   - *c.* Finance 656
   - *d.* Labor 656
   - *e.* Sociology 656
6. Political Science 657
7. Law 657
8. Education
   - *a.* General 657
   - *b.* Physical education & games 658

9. Music, Theater & Motion Pictures — Page
   a. Motion pictures — 658
   b. Music — 658
   c. Theater — 658
10. Fine Arts
   a. General — 658
   b. Architecture — 658
11. Language, Literature & Folklore
   a. Language — 658
   b. Literature & folklore — 658
12. Geography & Geology
   a. Ethnology — 659
   b. Geography — 659
   c. Geology & paleontology — 659
13. Science
   a. General — 660
   b. Astronomy — 660
   c. Biology — 660
   d. Chemistry — 661
   e. Mathematics — 661
   f. Physics — 661
14. Medicine
   a. General — 662
   b. Gynecology, obstetrics & pediatrics — 662
   c. Neurology & psychiatry — 662
   d. Ophthalmology & otorhinolaryngology — 662
   e. Pathology & therapeutics — 662
   f. Pharmacy & materia medica — 662
   g. Public health & nursing — 662
   h. Surgery & dentistry — 663
   i. Venereology & dermatology — 663
15. Agriculture
   a. General — 663
   b. Animal industry — 663
   c. Forestry — 664
   d. Plant culture — 664
16. Technology
   a. General — 664
   b. Aeronautics — 664
   c. Chemical technology — 664
   d. Civil & construction engineering — 665
   e. Electrical engineering — 665
   f. Industries & trades — 666
   g. Mechanical engineering — 666
   h. Mining & metallurgy — 666
17. Military & Naval Sciences
   a. Military science — 667
   b. Naval science — 667

Part C—List of Periodicals Indexed and Abbreviations Used — 668

Subject Index to Monographs and Periodicals — 675

Periodicals Available in English Translation Cover-to-Cover.

1. GENERAL

NAUCHNAIA KONFERENTSIIA MOLODYKH UCHENYKH MOLDAVII, 1st, 1958 [Transactions of the First Conference of Young Moldavian Scientists] Trudy. Kishinev, Gos. izd-vo "Kartia moldovenialske," 1960. 390 p.

TSAPENKO, N. G., and TURSUNBAI TADZHIMOV. [Kara-Kalpak A. S. S. R.; a concise reference manual] Kara-Kalpakskaia ASSR, kratkii spravochnik. Tashkent, Gos. izd-vo Uzbekskoi SSR, 1960. 108 p. illus., fold. map.
(CSt-H)

[UKRAINIAN SOVIET ENCYCLOPEDIA] Ukrains'ka Radians'ka entsiklopediia. Holovna red. kolegiia M. P. Bazhan ta inshi. Kyiv, Holovna red. Ukrains'koi Radians'koi entsyklopedii.
Vol. 6. Italiia - Kolizitia. [1961] 576 p.

2. BIBLIOGRAPHY

AKADEMIIA NAUK SSSR. Biblioteka. [Library of the Academy of Sciences of the U. S. S. R. in 1960] Biblioteka Akademii nauk SSSR v 1960 godu. Sost. G. IA. Smolin. Pod red. M. S. Filippova. Leningrad, 1961. 153 p.

BARENBAUM, I. E. [N. A. Sergo-Solov'evich (1834-1866), outline of his bookselling and book publishing activities] N. A. Sergo-Solov'evich, 1834-1866; ocherk knigotorgovoi i knigoizdatel'skoi deiatel'nosti. Moskva, Izd-vo Vses. knizhnoi palaty, 1961. 131 p.

BRIEDMANIS, J. [My work practices in composing invitations, theater programs and playbills] Mana pieredze lelugamu, programmu un afisu satlikuma veidosana. Riga, Latvijas Valsts izdevnieciba, 1961. 198 p. [In Latvian]

GOL'BERT, K. V., and L. N. MALIKOVA. [Manual for librarians in charge of traveling libraries] Pamiatka bibliotekariu-peredvizhniku. Moskva, Gos. biblioteka SSSR im. V. I. Lenina, 1962. 35 p.

GOL'DIN, A. I. [Acquaintance with books and the stock of bookstores] Znakomstvo s knigoi i rond knizhnogo magazina. Izd. 2., dop. i perer. Moskva, Izd-vo "Iskusstvo," 1961. 123 p.

[LIBRARY IN THE STRUGGLE AGAINST RELIGIOUS SUPERSTITIONS] Biblioteka kovojo prieš religinius prietarus. Kaunas, Lietuvos TSR Valstybine respublikine biblioteka, 1961. 79 p. [In Lithuanian]

LIETUVOS TSR MOKSLU AKADEMIJA. Vilna. Centrine biblioteka. [Bibliography of books and articles by members of the Academy of Sciences of the Lithuanian S. S. R.] Lietuvos TSR Mokslu akademijos darbuotoju knygu ir straipsniu bibliografija, 1959. Vilnius, 1961. 247 p.

LIETUVOS TSR MOKSLU AKADEMIJA. Vilna. Centrine biblioteka. [Bibliography of books and articles published by the Academy of Sciences of the Lithuanian S. S. R. and its members for 1958] Lietuvos TSR Mokslu Akademijos ir jos darbuotoju knygu ir straipsniu bibliografija 1958. Vilnius, Laikrasciu ir zurnalu leidykla, 1961. 235 p. [In Lithuanian]

MARSHAK, S. IA. [How they printed your book] Kak pechatali vashu knigu. Moskva, Gos. izd-vo detskoi lit-ry, 1960. 1 v.
(C)

MOSCOW. GOSUDARSTVENNYI BIBLIOTECHNYI INSTITUT. [Free access to the book collections of libraries, a collection of articles] Otkrytyi dostup k knizhnym fondam bibliotek, sbornik statei pod red. IU. V. Grigor'eva. Moskva, 1959. 69 p.
(NNC)

MOSCOW. PUBLICHNAIA BIBLIOTEKA. [Consolidated index of bibliographical lists and card catalogs in libraries of the Soviet Union in 1960, social sciences, belles-lettres, and art] Svodnyi ukazatel' bibliograficheskikh spiskov i kartochek, sostavlennykh bibliotekami Sovetskogo Soiuza v 1960 godu, obshchestvennye nauki, khudozhestvennaia literatura, iskusstvo. Moskva, 1961. 108 p.

NEMCHENKO, V. V. [Printed cards of the All-Union Book Chamber and their use in library work, a methodological manual] Pechatnye kartochki Vsesoiuznoi knizhnoi palaty i ikh ispol'zovanie v rabote bibliotek, metodicheskoe posobie. Moskva, Izd-vo Vses. knizhnoi palaty, 1961. 83 p.

RABINOVICH, A. D., and I. IA. DUKHOVNYI. [Electronic engraving machines] Poligraficheskie elektronnye graviroval'nye mashiny. Moskva, Gos. izd-vo "Iskusstvo," 1961. 243 p.

RIGA. UNIVERSITATE. Zinatniska biblioteka. Bibliografijas nodala. [Publications of the Latvian State University, 1945-1960] Izdanila Latviiskogo gosudarstvennogo universiteta im. Petra Stuchki, opublikovannye v 1945-1960 g. Riga, 1960. 15 p.
(MH)

SOVESHCHANIE PO SPRAVOCHNO-BIBLIOGRAFICHESKOI RABOTE, Moscow, 1961. [Collection of materials of the Conference on Reference and Bibliographical Work] Sbornik materialov. Moskva, Gos. biblioteka SSSR, im. V. I. Lenina, 1962. 215 p.

3. PHILOSOPHY & RELIGION

ANTONENKO, V. H. [Socialist humanism and Christian "love" for one's neighbors] Sotsialistychnyi humanizm i khrystyians'ka "liubov" do blyzhn'oho. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 65 p.

BEZUGLOV, A. A. [Aren't they ashamed?] Ne stydno im! [Moskva] Mosk. rabochii, 1961. 125 p.

CATHOLIC CHURCH. Liturgy and ritual. [Hear us up! Prayer and hymn book for Catholics] Uz angsu sirdis! Lyugsenu un dziesmu gramota katolim. Sakupoja Prelats S. Valkuls. [Riga] Izdevejs Rigas Metropolijas Kurija [1957?] 540 p. [In Latvian]

DOMRACHEV, G. M., S. F. EFIMOV, and A. V. TIMOFEEVA. [Law of the negation of negation] Zakon otritsaniia otritsaniia. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 138 p.

ERYSHEV, A. A. [Religion is an enemy of the quality and friendship of peoples] Religiia - vrag ravnopraviia i druzhby narodov. Kiev, Izd-vo Akad. nauk USSR, 1962. 56 p.

[FATHERS OF DARKNESS] Ottsy t'my. Moskva, Gos. izd-vo detskoi lit-ry, 1960. 509 p. (Shkol'naia biblioteka)
(NNC)

GACHEV, D. I. [Diderot's aesthetic opinions] Esteticheskie vzgliady Didro. 2. izd. Moskva, Gos. izd-vo khudozh. lit-ry, 1961. 188 p.
(CU) (MH)

GERASIMOV, M. M. [Baptism? - I am against it] Baptizm? IA - protiv! Kazan', Tatarskoe knizhnoe izd-vo, 1961. 69 p.

IARMOLENKO, A. V. [Outline of the psychology of blind deaf-mutes] Ocherki psikhologii slepoglukhonemykh. [Leningrad] Izd-vo Leningr. univ., 1961. 161 p.

IL'IN, V. A. [The preachers of Armageddon] Propovidnyky armageddonu. Kyiv, Vyd-vo TsK LKSMU "Molod'," 1961. 36 p.

KALATSKII, V. P. [Dialectical materialism, introductory lectures] Dialekticheskii materializm; vvodnye lektsii. [Moskva] Izd-vo Mosk. univ.
Vol. 1. 1961.
(MH)

KAPSUKAS, V. [Deeds of hypocrites] Veidmainiu darbai. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 227 p. [In Lithuanian]

KARROVSKAIA, V. A. [It is important to be beautiful] Kal. vazhno byt' krasivym. [Moskva] Izd-vo VTsSPS Profizdat, 1961. 85 p. (Massovaia biblioteka rabochego)

KOSTRUBA, TEOFIL. [Selected works] Vybrani tvory v 2 vyd. Toronto, "Dobra knyshka."
Vol. 4. [How Moscow abolished the Ukrainian Church] IAk Moskva nyshchyla ukrains'ku TSerkvu, 1961. 96 p.

KOZIK, P. Z. [Who are the Adventists] Khto taki adventysty. Kyiv, Tovarystvo dlia poshyrennia polit. i naukovykh znan' URSR, 1961. 45 p.

KRIANEV, IU. V. [Contrast of Christian ideology with scientific communism] Protivopolozhnost' khristianskoi ideologii i nauchnogo kommunizma. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 173 p.

KRUPSKAIA, N. K. [Problems in atheistic education] Voprosy ateisticheskogo vospitaniia; sbornik statei. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1961. [?] p.

KRYVELEV, I. A. [Proofs of God's existence, lecture and answers to questions] O dokazatel'stvakh bytiia Bozhiia, lektsiia i otvety na voprosy. Moskva, Izd-vo "Sovetskaia Rossiia," 1960. 47 p.

LAURAITIS, VINCAS. Zemaiciu Kalvarija. Antrasis leidimas. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 26 p. [In Lithuanian]

[LITERATURE AND ART, a collection of documents] O literature i iskusstve, sbornik dokumentov. Izd. 2., dop. [Sost. M. V. Kolladich] Moskva, Sovetskaia Rossiia, 1960. 180 p.
(NNC)

LIVSHITS, G. M. [Origin and reactionary nature of Judaism] Proiskhozhdenie i reaktsionnaia sushchnost' iudaizma. Minsk, Gos. izd-vo BSSR. Red. massovo-polit. lit-ry, 1962. 39 p.

MITROKHIN, L. N. [Christian "science of life."] Khristianskaia "nauka zhizni." Moskva, Gos. izd-vo polit. lit-ry, 1961. 127 p. (Nauchno-populiarnaia bibliotechka po ateizmu)

MOSCOW. AKADEMIIA OBSHCHESTVENNYKH NAUK. [Criticism of religious ideology] Kritika religioznoi ideologii. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1961. 262 p.

ORTHODOX EASTERN CHURCH. [Acts of the Prelatic Council of the Russian Orthodox Church Abroad, held at New York City, October 5-18 and November 1-14, 1959] Iz deianii Arkhiereiskogo sobora Russkoi pravoslavnoi tserkvi zagranitsei, sostoiavshegosia 5/18 oktiabria - 1/14 noiabria 1959 goda v g. N'iu Iorke SShA. Jordanville, Holy Trinity Monastery, 1960. xvi, 150 p.
(MH)

SHISHKIN, A., and A. SHOFMAN. [Who are the Evangelical Christians and Baptists?] Kto takie evangel'skie khristiane-baptisty? Kazan', Tatarskoe knizhnoe izd-vo, 1960. 58 p.

SKUJA, P. [What is the cross?] Kas ir krusts? Riga, Latvijas Valsts izdevnieciba, 1961. 52 p. [In Latvian]

SPRINGOVICS, ZIGMUNDS. [Latgale and Catholic Church] Latgale un katolu baznica. Riga, Latvijas Valsts izdevnieciba, 1961. 182 p. [In Latvian]

SIUCHEVSKII, I A. [Role of the temple in the royal economy of ancient Egypt] Khramovaia forma tsarskogo khoziaistva Drevnego Egipta Moskva, Izd-vo vostochnoi lit-ry, 1962. 124 p.

SUKHAREVA, O.A. [Islam in Uzbekistan] Islam v Uzbekistane Tashkent, Akad. nauk Uzbekskoi SSR, 1960. 84 p. (MH)

TANCHER, V.K. [Fundamentals of atheism] Osnovy ateizmu [Kyiv] Vyd-vo Kyivs'koho univ., 1961. 338 p.

TITARENKO, A.I. [Against the distortion of Marxist philosophy in the works of American pragmatists] Protiv fal'sifikatsii filosofii marksizma pragmatistami SShA. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 87 p.

USTEMIROV, ZH., comp. [We gave up religion] My otkazalis' ot religii. Alma-Ata, Kazakhskoe gos. izd-vo, 1960. 123 p.

UTKIN, S.S. [Principles of Marxist-Leninist ethics, a course of lectures] Osnovy marksistsko-leninskoi etiki, kurs lektsii. [Rostov-na-Donu] 1961. 238 p. (CU)

VARSHAVSKII, A.S. [Dead Sea scrolls] Rukopisi Mertvogo moria. [Moskva] Molodaia gvardiia, 1960. 110 p. (MH)

VELIKOVICH, L.N. [Religion as the ideological weapon of imperialists] Religiia - ideologicheskoe oruzhie imperialistov. Moskva, Voen. izd-vo M-va oborony SSSR, 1961. 104 p. (Nauchno-populiarnaia biblioteka)

[WE GAVE UP RELIGION, stories of former believers] My porvali s religiei, rasskazy byvshikh verushchikh. Moskva, Voen. izd-vo M-va oborony SSSR, 1961. 279 p. (Nauchno-populiarnaia biblioteka)

ZEIGARNIK, B.V. [Pathology of thinking] Patologiia myshlenila [Moskva] Izd-vo Mosk. univ., 1962. 242 p.

4. HISTORY

AKADEMIIA NAUK GRUZINSKOI SSR, Tiflis. IUgo-Osetinskii nauchno-issledovatel'skii institut, Stalinir. [History of South Ossetia in documents and materials, 1000-1864] Istoriia IUgo-Osetii v dokumentakh i materialakh, 1800-1864 gg. Sost. I.N. TSkhovrebov. Stalinir, Gosizdat IUgo-Osetii.
Vol. 2. 1960.
(MH)

AKADEMIIA NAUK GRUZINSKOI SSR, Tiflis. IUgo-Osetinskii nauchno-issledovatel'skii institut, Stalinir. [History of South Ossetia in documents and materials, 1921-1958] Istoriia IUgo-Osetii v dokumentakh i materialakh, 1921-1958 gg. Pod red. V.A. TSomaia. Sost. I.N. TSkhovrebov. Stalinir, Gosizdat IUgo-Osetii.
Vol. 1. 1960.
(MH)

ALMA-ATA. INSTITUT ISTORII PARTII. [Alibi Dzhangil'din, documents and source materials] Alibi Dzhangil'din; dokumenty i materialy. Pod red. T.E Elenova, P.M. Pakhmurnogo. Alma-Ata, Kazakskoe gos. izd-vo, 1961. 234 p.

ARTIUSHENKO, IURII. [We and the world on January 22, 1918] 22. sichen' 1918 - my i svit. Chicago, 1958. 30 p.
(CtY)

ASTRAKHAN (Province). Upravlenie vnutrennikh del. Arkhivnyi otdel. [Struggle for the Soviet regime in the Astrakhan region, 1917-1920, documents and source materials] Bor'ba za vlast' Sovetov v Astrakhanskom krae, 1917-1920 gg.; dokumenty i materialy. *Astrakhan', Izv-va gazety "Volga."*
Pt. 2. [The defense of Astrakhan and the defeat of the foreign interventionists and the White Guards, December 1918-March 1920] Oborona Astrakhani i razgrom interventov i belogvardeitsev v Astrakhanskom krae, dekabr' 1918-mart 1920 gg. Red. kollegiia: D.T. Pol'skoi i dr. 1960. 631 p.

["THE BARN" AND "THE SHELTER" IN RAZLIV, a guidebook] "Saraf" i "shalash" v Razlive; putevoditel'. [Leningrad] Lenizdat, 1961. 48 p. (Memorial'nye muzei V.I. Lenina)

BALKOVYI, P.M. [Home guard of the Soviet Ukraine] Narodne opolchennia Radians'koi Ukrainy. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 102 p.

BEZVESEL'NYI, S.P., and D.E. GRINBERG, comps. [Lenin, reminiscences of his foreign recruits] O Lenine, vospominaniia zarubezhnykh sovremennikov. Moskva, [Gospolitizdat] 1962. 535 p.

BOGOSLOVSKII, V.A. [Outline history of the Tibetan people, the formation of a class society] Ocherk istorii tibetskogo naroda, stanovlenie i klassovogo obshchestva. Otvet. red. IU.N. Rerikh. Moskva, Izd-vo vostochnoi lit-ry, 1962. 192 p.

BOLDIN, I.V. [Pages from life] Stranitsy zhizni. Moskva, Voen. izd-vo M-va oborony SSSR, 1961. 245 p.

BUGANOV, V.I. [Russian books from the last quarter of the 15th to the beginning of the 17th century] Razriadnye knigi poslednei chetverti XV - nachala XVII v. Moskva, Izd-vo Akad. nauk SSSR, 1962. 263 p.

BUSHCHIK, L.P. [Outline of the development of the teaching of history in U.S.S.R. schools] Ocherk razvitiia shkol'nogo istoricheskogo obrazovaniia v SSSR. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1961. 536 p.

CAESAR, C. JULIUS. [Commentaries of Julius Caesar with continuations by others on his wars in Gaul, the Civil War, the Alexandrian, and African wars. Translated from the Latin] Zapiski IUliia TSezaria i ego prodolzhatelei o Gall'skoi voine, o Grazhdanskoi voine, ob Aleksandriiskoi voine, ob Afrikanskoi voine. Perevod i kommentarii M.M. Pokrovskogo. Izd. 2. Moskva, Izd-vo Akad. nauk SSSR, 1962. 418 p. (Akademiia nauk SSSR. Literaturnye pamiatniki)

CHERNIAK, E.B. [The mass political movement of the late 18th and early 19th century in England and Ireland] Massovoe dvizhenie v Anglii i Irlandii v kontse XVIII - nachale XIX v. Moskva, Izd-vo Akad. nauk SSSR, 1962. 717 p. (Istoriia angliiskogo rabochego dvizheniia v novoe vremia)

CHERNYSH, O.P. [The Paleolithic site of Molodova No. 5] Paleolitychna stoianka Molodove V. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 171 p.

CHKARTISHVILI, SANDRO. [From the history of the revolutionary movement in Georgia, 1914-1917] Iz istorii revoliutsionnogo dvizhenila v Gruzii, 1914-1917 gg. Tbilisi, Gosizdat, Gruzinskoi SSR, 1957. 185 p. [In Georgian]
(MH)

DIKII, ANDREI. [Undistorted history of the Ukraine-Rus'] Nelzvrashchennaia istoriia Ukrainy-Rusi. New York, Izd-vo "Pravda o Rossii."
Vol. 2. 1961. 304 p.

DIMITROV, GEORGI. [The Leipzig trial; speeches, letters, and documents] Leiptsigskii protsess, rechi, pis'ma i dokumenty. [Pod red. i s predisl. B.N. Ponomareva] Moskva, Gos. izd-vo polit. lit-ry, 1961. 531 p.
(IoU)

DIRVELE, EUGENIJUS. [Class struggle in Lithuania in 1926] Klasiu kova Lietuvoje 1926 metais. Vilnius, Valstybine politines ir mokslines literatiros leidykla, 1961. 193 p. [In Lithuanian]

DUNDULIS, BRONIUS. [Lithuanian struggle for Samogitia and Uznemune in the 15th century] Lietuviu kova del Zemaitijos ir Uznemunes XV amziuje. Vilnius, Valstybine politines ir mokslines literatiros leidykla, 1960. 316 p. [In Lithuanian]
(MH)

EFENDIEV, O.A. [Establishment of the Azerbaijan state of the Safavid Dynasty in the early 16th century] Obrazovanie Azerbaidzhanskogo gosudarstva Sefevidov v nachale XVI veka. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1961. 206 p.

EFREMOV, P.N. [Russian foreign policy from 1907 to 1914] Vneshniaia politika Rossii, 1907-1914 gg. Moskva, Izd-vo In-ta mezhdunarodnykh otnoshenila, 1961. 303 p.

ENOL'S'KYI, Z.A. [History of foreign oriental countries, China and Japan, 1870-1918] Istoriia krain zarubizhnoho Skhodu, Kytai i Iaponiia *(1870-1918)*; posibnyk dlia istorychnykh fakul'tetiv derzhavnykh universytetiv. Kyiv, Vyd-vo Kyivs'koho universytetu, 1961. 137 p.

GAPOCHKA, M.P. [Role of production in the life of society] Kakuiu rol' v zhizni obshchestva igraet proizvodstvo. Moskva, Izd-vo "Znanie," 1962. 38 p. (Narodnyi universitet kul'tury. Obshchestvenno-politicheskii fakul'tet, no. 17)

GUREVICH, I.M., and A.A. PLAKSIN. [The city of Lomonosov] Gorod Lomonosov. [Leningrad] Lenizdat, 1961. 133 p.

[THE HEROIC CITY OF KIEV] Kyiv - misto heroi. Derzh. vyd-vo polit. lit-ry URSR, 1961. 40 p.

[HISTORY OF THE U.S.S.R., a textbook for [illegible] colleges] Istoriia SSSR, uchebnik dlia pedagogicheskikh institutov. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR,
Pt. 1. 1961. 598 p.

[HITLERITE OCCUPATION OF LITHUANIA] Hitlerinė okupacija Lietuvoje. Vilnius, Valstybine politines ir mokslines literatiros leidykla, 1961. 511 p. [In Lithuanian]

HOMIN, LES', pseud. [Liberation War of 1648 in folklore] Vyzvol'na viina 1648-1654 rr. u narodnii tvorchosti. Kyiv, Radians'ka shkola, 1960. 180 p.
(MH)

HRABOVETS'KYI, V.V. [The peasant uprising in Trascarpathia in the second half of the 17th and first half of the 18th century] Selians'kyi rukh na Prikarpatti v druhii polovyni XVII-pershii polovyni XVIII st. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 209 p.

HRYHOR'IEV, H.P. [In the old city of Kiev; [illegible] cences] U staromu Kyievi, spohady. Kyiv, Radians'kyi pys'mennyk, 1961. 355 p.

[IMMORTALITY OF YOUTH (ON THE UNDERGROUND ORGANIZATIONS OF THE COMMUNIST YOUTH LEAGUE)] Bessmertie iunykh (o podpol'nykh komsomol'skikh organizatsiiakh, sbornik statei. M., Pravda, 1960. 382 p.
(MH)

INDZHIKIAN, O.G. Bogdan Knuntsiu. Erevan, Izd-vo Armenii, 1961. 253 p.
(MH)

IUROVSKAIA, E.E. [A reader on modern history to 1917] Praktikum po novoi istorii, 1870-1917 [illegible] Gos. izd-vo "Vysshaia shkola," 1961. 369 p.

IVANOV, S.A. [Bolsheviks of Pskov Government in the struggle for the victory of the October Revolution] Bol'sheviki Pskovskoi gubernii v bor'be za pobedu Oktiabr'skoi revoliutsii. [Pskov] Pskovskaia pravda, 1960. 107 p.
(MH)

[JEWS AND THE JEWISH PEOPLE; a collection of materials from the Soviet daily and periodical press] Evrei i evreiskii narod, sbornik materialov iz sovetskoi ezhednevnoi i periodicheskoi pechati. [Jerusalem, Contemporary Jewish Library, 1960?-]
Vol. 1.
(CSt-H)

JEZEWSKA, ZOFIA. [Eye to eye with sphinxes] Translated from the Polish] S glazu na glaz so sfinksami. Moskva, Izd-vo vostochnoi lit-ry, 1962. 190 p. (Iz sledam ischeznuvshikh kul'tur Vostoka)

KADYROV, SHAKIR. [Notes and reports of Russian travelers as a source on the history of Kirghizia in the second half of the 19th century] Zapiski i otchety russkikh puteshestvennikov kak istochnik po istorii Kirgizii vtoroi poloviny XIX veka. Frunze, Kirgizskoe gos. izd-vo, 1961. 103 p.

KARCHAVA, VLADIMIR. [History of the struggle for Soviet power in western Georgia during 1918] Iz istorii bor'by za Sovetskuiu vlast'. Zapiski ochevidtsa 1918 godu. Tbilisi, 1961. 141 p. [In Georgian]
(MH)

KHALIKOV, A.KH., and E.A. BEZUKHOVA. [Materials on the early history of Vetluga; archaeological [illegible] conducted during 1957 in the Vetluga District of Gorkii Province] Materialy k drevnei istorii Povetluzhiia; arkheologicheskie issledovaniia v Vetluzhskom raione Gor'kovskoi oblasti v 1957 godu. Gor'kii, Gor'kovskoe gos. istoriko-arkhit. muzei-zapovednik, 1960. 58 p.
(MH)

KHARITONOV, N.G. [How the youth of Bugul'ma struggled for the Soviet regime] Molodezh' Bugul'my v bor'be za vlast' Sovetov. Kazan', Gos. muzei Tatarskoi ASSR, 1960. 35 p.

KHVOSTOV, V.M., ed. [Methodic manual on modern history for the ninth grade] Metodicheskoe posobie po novoi istorii dlia 9-go klassa. [By] A.P. Avert [illegible] i dr. Izd. 3., Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 291 p.

KLEPKIN, I. D. [How the workers of Omsk and Omsk Province struggled against interventionists and the White Guards, on the 40th anniversary of the liberation of Omsk from its occupation by the Kolchak Army and foreign interventionists] Bor'ba trudiashchikhsia Omska i oblasti protiv interventov i belogvardeitsev, 1918-1919 gg., k 40-letiiu osvobozhdeniia Omska ot kolchakovshchiny i inostrannykh interventov. Omsk, Omskoe obl. otd-nie Ob-va po raspr. polit. i nauchn. znanii RSFSR, 1959. 16 p

KOMMUNISTICHESKAIA PARTIIA SOVETSKOGO SOIUZA. Tatarskii oblastnoi komitet. Partiinyi arkhiv. [The Tatar Bolsheviks during the civil war and foreign armed intervention, August 1918-December 1920, collected documents and source materials] Bol'sheviki Tatarii v gody inostrannoi voennoi interventsii i grazhdanskoi voiny, avgust 1918-dekabr' 1920, sbornik dokumentov i materialov. Kazan', Tatarskoe knizhnoe izd-vo, 1961. 706 p

KONDRATAS, Z. [The Ninth Fort Translated from the Lithuanian] IX Fort Vil'nius, Gos. izd-vo polit i nauchn. lit-ry Litovskoi SSR, 1961. 54 p

KRYMSKAYA OBLAST'. Gosudarstvennyi arkhiv [New documents pertaining to A. Suvorov, F. Ushakov, G. Potemkin-Tavricheskii, and M. Kutuzov, a collection of documentary materials] Novye dokumenty A. Suvorova, F. Ushakova, G. Potemkina-Tavricheskogo i M. Kutuzova, sbornik dokumental'nykh materialov. Pod red. F. S. Zagorodskikh i A. E. Solov'eva. Simferopol', Arkhivnyi otdel UMDV po Krymskoi oblasti, 1947. 129 p. (K istorii borby Rossii za vykhod k Chernomu moriu)
(MH)

KUNISKII, S. D. [Russian society and the Paris Commune, comments in Russia on the Franco-Prussian War and the Paris Commune] Russkoe obshchestvo i Parizhskaia Kommuna, otkliki v Rossii na franko-prusskuiu voinu i Parizhskuiu Kommunu. Moskva, Izd-vo Akad. nauk SSSR, 1962. 173 p

KUTAKOV, L. N. [The Treaty of Portsmouth, history of Japanese relations with Russia and the U. S. S. R from 1905 to 1945] Portsmutskii mirnyi dogovor, iz istorii otnoshenii Iaponii s Rossiei i SSSR, 1905-1945 gg. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961 260 p.

KUZNETS, IU. L. [How the U. S. A. entered the Second World War] Vstuplenie SShA vo vtoruiu mirovuiu voinu. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1962 286 p.

LATVIJAS PADOMJU SOCIALISTISKAS REPUBLIKAS ZINATNU AKADEMIJA. Vestures un materialas' kulturas instituts. [History of the Latvian S. S. R. from earliest times to 1953] Istorija Latvijskoi SSR (s drevneishikh vremen do 1953 g.), nokrashchennyi kurs. Pod red. K. IA Strazdinia. Riga, Izd-vo Akad. nauk Latvijskoi SSR, 1955. 620 p.
(KU)

LAZUTKA, S. A. [Revolutionary situation in Lithuania in 1859-1862] Revoliutsionnaia situatsiia v Litve, 1859-1862 gg. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 250 p.

LENINGRAD. UNIVERSITET. [The Tibetan chronicle "Bright annals of royal lineage." Translated from the Tibetan] Tibetskaia letopis' "Svetlye zertsalo tsarskikh rodoslovnykh." Vstup. stat'ia, perevod i kommentarii B. I. Kuznetsova. [Leningrad] 1961. 122 p.

LIETUVOS TSR MOKSLU AKADEMIJA, Vilna, Istorijos institutas. [From the history of Lithuanian civilization] Is Lietuviu kulturos istorijos. Vilnius, Valstybine politines ir mokslines literaturos leidykla. [In Lithuanian]
Vol. 3. 1961. 354 p.

LIETUVOS TSR MOKSLU AKADEMIJA, Vilna, Istorijos institutas. [Sources of the history of the Lithuanian S. S. R.] Lietuvos TSR istorijos saltiniai. Vilnius, Valstybine politines ir mokslines literaturos leidykla. [In Lithuanian]
Vol. 4. [Lithuania under the bourgeois regime, 1919-1940] Lietuva burzuazijos valdymo metais, 1919-1940. Redaktorius J. Ziugzda, 1961. 861 p.

LUTERS, A., comp. [Janis Luters-Bobis (pages from the life of a revolutionary underground worker); collected articles] Janis Luters-Bobis (lappuses no revolucionara pagridnieka dzives), rakstu krajums. Riga, Latvijas Valsts izdevnieciba, 1960. 323 p. [In Latvian]

MAKSIMOVA, M. I. [Ancient cities of the southeastern Black Sea region, Sinop, Amis, Trapezunt] Antichnye goroda iugo-vostochnogo Prichernomor'ia, Sinopa, Amisa, Trapezunt. Moskva, Izd-vo Akad. nauk SSSR, 1956. 363 p.
(ICMILC)

MAREK, I. W. [Gods, graves, and scholars, the story of archaeology. Translated from the German] Bogi, grobnitsy, uchenye, roman arkheologii. Moskva, Izd-vo inostr. lit-ry, 1960. 398 p
(MiD)

MIN', G. IA. [Story of a deed] Istoriia odnogo podviga. Moskva, Izd-vo DOSAAF, 1961. 63 p

[MODERN HISTORY, 1918-1939] Novitnia istoriia, 1918-1939. Za red. V. A. Tarasenka. [Kyiv] Vyd-vo kyivs'koho univ.
Vol. I. 1960.
(NNC)

MORFV, P. G. [Peasant unrest in the Voronezh Government on the eve of the October Revolution, March-October 1917] Krest'ianskoe dvizhenie v Voronezhskoi gubernii nakanune Oktiabr'skoi revoliutsii, mart-oktiabr' 1917 g. Voronezh, Izd-vo Voronezhskogo univ., 1961. 102 p.

MUKIMDZHANOVA, R. M. [The U. S. policy in Pakistan, 1947-1960] Politika SShA v Pakistane, 1947-1960. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 222 p

NOSOV, A. F. [Reminiscences on the October Revolution in the city of Groznyy and in the mountains of the Chechen and Ingush region, from the history of the peoples of the Chechen-Ingush A. S. S. R., 1917-1920] Oktiabr'skaia revoliutsiia v Groznom i v gorakh Checheno Ingushetii (k istorii narodov Checheno-Ingushetii), vospominaniia, 1917-1920. [Groznyi] Checheno-Ingushskoe knizhnoe izd-vo, 1961. 155 p

PANKRATOVA, A. M., ed. [History of the U. S. S. R.] Istoriia SSSR, uchebnik dlia 9 klassa srednei shkoly. Moskva, Gos. uchpedgiz M-va prosv., 1960. 302 p.
(NcU)

PERELOMOV, L. S. [The Ch'in Empire, the first centralized government in China, 221 - 202 B. C.] Imperiia TSin' - pervoe tsentralizovannoe gosudarstvo v Kitae, 221 - 202 gg. do n. e. Moskva, Izd-vo vostochnoi lit-ry, 1962. 242 p.

PERESVET'OV, R. T. [Follow-up of finds and losses] Po sledam nakhodok i utrat. [Moskva] Izd-vo "Sovetskaia Rossiia," [1961] 202 p.

POPOV, F. V. [Story about the unforgettable, notes of a Bolshevik] Rasskaz o nezabyvnemom, zapiski bol'shevika. Kiev, Gos. izd-vo polit. lit-ry USSR, 1961. 268 p.

PREDTECHENSKII, A. V., ed. [Collected source materials on the peasant unrest in Russia in 1826-1849] Krest'ianskoe dvizhenie v Rossii v 1826-1849 gg., sbornik dokumentov. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 984 p. (Krest'ianskoe dvizhenie v Rossii v XIX-nachale XX veka)

[A READER ON RECENT HISTORY IN THREE VOLUMES] Khrestomatiia po noveishei istorii v trekh tomakh. Moskva, Izd-vo sotsial'no-ekon. lit-ry.
Vol. 3. 1945-1961
Pt. 1. [Documents and source materials] Dokumenty i materialy. 1961. 798 p

[READER ON THE HISTORY OF THE MIDDLE AGES IN THREE VOLUMES] Khrestomatiia po istorii srednikh vekov v trekh tomakh. Pod red. S. D. Skazkina. Moskva, Izd-vo sotsial'no-ekon. lit-ry.
Vol. 1. [Early Middle Ages] Rannee srednevekov'e. 1961. 687 p.

RUSSIA (1923- U. S. S. R.) Glavnoe upravlenie geodezii i kartografii. [The Russian State during the period of the peasants' war and the struggle against the intervention of the Polish and Swedish feudal lords, 1582-1618] Russkoe gosudarstvo v period krest'ianskikh voin i bor'by o interventsiei pol'skikh i shvedskikh feodalov, 1582-1618 gg. Karta sostavlena Nauchno-red. kartosostavitel'noi chast'iu GUGK v 1939 g., ispravlena v 1960 g. Avtor IU. V. Got'e. Red. K. V. Martova. Moskva, 1960. col. map.
(OU)

RUSSIA (1923- U. S. S. R.) Komissiia po izdaniiu diplomaticheskikh dokumentov. [Documents of Soviet foreign policy] Dokumenty vneshnei politiki SSSR. Moskva, Gos. izd-vo polit. lit-ry.
Vol. 6. [November 20, 1922-December 31, 1923] 20 noiabria 1922 g. - 31 dekabria 1923. 1962. 670 p.

RUSSIA (1923- U. S. S. R.) TSentral'nyi gosudarstvennyi Voenno-istoricheskii arkhiv. [Home guard in the Patriotic War of 1812, collected source materials] Narodnoe opolchenie v Otechestvennoi voine 1812 goda; sbornik dokumentov. Pod red. L. G. Beskrovnogo. Moskva, Izd-vo Akad. nauk SSSR, 1962. 545 p.

SELESHNIKOV, S. I. [History of the calendar and its prospective reform Translated from the Russian] Istoriia kalendarului shi viitoarea lui reforme Kishinev, Editura de stat "Kartia moldovenaske," 1961. 69 p. [In Moldavian]

SAVITS'KA, IE. [At the bottom of the Sarmatian Sea] Na dni Sarmats'koho moria. Kyiv, Derzh. vyd-vo dytiachoi lit-ry URSR, 1961. 60 p.

SEMANOV, S. N. [In the name of the people; outline of Aleksandr Ul'ianov's life and struggle] Vo imia naroda, ocherk zhizni i bor'by Aleksandra Ul'ianova. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 150 p.

SEMENOV, V. F. [History of the Middle Ages, a textbook for teachers colleges] Istoriia srednikh vekov, uchebnik dlia pedagogicheskikh institutov. Izd. 2. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 586 p. maps

SEREBRIAKOVA, G. I. [Eternal light] Svet neugasimyi. Moskva, Gos. izd-vo polit. lit-ry, 1962. 30 p

SEVOST'IANOV, G. N. [Preparation for war in the Pacific Ocean, September 1939-December 1941] Podgotovka voiny na Tikhom okeane, sentiabr' 1939 g. - dekabr' 1941 g. Moskva, Izd-vo Akad. nauk SSSR, 1962. 590 p.

SHAPIRO, A. L. [Russian historiography in the period of imperialism] Russkaia istoriografiia v period imperializma, kurs lektsii. [Leningrad] Izd-vo Leningr. univ., 1962. 234 p.

SHNITMAN, A. M. [Bulgarian workers' press of the 90's in the 19th century on the beginning of V. I. Lenin's revolutionary activity and on the Russian liberation movement] Bolgarskaia rabochaia pechat' 90-kh godov XIX veka o nachale revoliutsionnoi deiatel'nosti V. I. Lenina, o russkom osvoboditel'nom dvizhenii. Pod red. I. F. Ushakova. Murmansk, Murmanskii gos. pedagog. in-t, 1961. 44 p.

SIROTA, N. A. [This is how Kerch' fought] Tak srazhalas' Kerch', vospominaniia. Simferopol', Krymizdat, 1961. 151 p

SKROMANIS, D. [RVR - a citadel of revolutionaries, history of the Riga Railroad Car Plant] RVR - revoliucionaru cietoksnis, Rigas vagonu rupnicas vesture. Riga, Latvijas Valsts izdevnieciba, 1961. 186 p. [In Latvian]

STRAZDINS, K. [Latvian socialist nation] Latviesu socialistiska nacija. Riga, Latvijas PSR Zinatnu akademijas izdevnieciba, 1961. 104 p. [In Latvian]

STEBLII, F. I. [How the peasants of eastern Galicia struggled against feudal oppression in the first half of the 19th century] Borot'ba selian Skhidnoi Halychyny proty feodal'noho hnitu v pershii polovyni XIX st. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 183 p

SYSOEV, P. S., and I. I. PARFENT'EV. [The Astrakhan front in the civil war and V. V. Kuibyshev] Astrakhanskii front grazhdanskoi voiny i V. V. Kuibyshev. Astrakhan', Volga, 1960. 63 p.
(MH)

TAIGRO, JUULO [How Estonian workers struggled for Soviet rule and peace during the civil war, 1918-1920. Translated from the Estonian] Bor'ba trudiashchikhsia Estonii za Sovetskuiu vlast' i za mir v gody grazhdanskoi voiny, 1918-1920 Tallinn, Estonskoe gos. izd-vo, 1959. 134 p.

[THEY TRIUMP
Izd. 2., perc
lit-ry, 1961
TU

V

VOROSHILOV, K. E. [My first encounter with Vladimir Il'ich] Moia pershа zustrich z Volodymyrom Illichem Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1960. 7 p. (NNC)

ZAKRUTKIN, VITALII. [Caucasian notes, 1942-1943] Kavkazskie zapiski, 1942-1943. Moskva, Voen. izd-vo M-va oborony SSSR, 1962. 419 p.

ZHDANOV, V. V. [N. A. Dobrolubov, a biographical and critical study] N. A. Dobroliubov, kritiko-biograficheskii ocherk. Moskva, Gos. izd-vo khudozh. lit-ry, 1961. 194 p.

5. SOCIAL SCIENCES

AKADEMIIA NAUK AZERBAIDZHANSKOI SSR, Baku. Sovet po izucheniiu proizvoditel'nykh sil. [Hydroelectric power resources of the Azerbaijan S. S. R.] Gidroenergeticheskie resursy Azerbaidzhanskoi SSR. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR. Vol. 2. Alizade, A. S., and others. 1961. 160 p.

AKADEMIIA NAUK SSSR. Institut ekonomiki. [Communal funds of collective farms and the distribution of collective farm income] Obshchestvennye fondy kolkhozov i raspredelenie kolkhoznykh dokhodov. Moskva, Izd-vo ekon. lit-ry, 1961. 386 p.

AKADEMIIA NAUK SSSR. Institut geografii. [Theoretical problems of economic zoning] Teoreticheskie voprosy ekonomicheskogo raionirovaniia. Moskva, Izd-vo Akad. nauk, 1962. 158 p.

AKADEMIIA NAUK URSR, Kiev. Instytut istorii. [Collected documents and source materials concerning the abolition of serfdom in the Ukraine] Otmena krepostnogo prava na Ukraine, sbornik dokumentov i materialov. Kiev, Izd-vo Akad. nauk USSR, 1961. 426 p.

ALAMANOV, B. [Economics of sheep raising in the Issyk-Kul' region] Ekonomika ovtsevodstva Prissykkul'ia. Frunze, Kirgizskoe gos. izd-vo, 1960. 195 p.

ALAMPIEV, P. M. [Problems of the general economic regionalization of the U. S. S. R. at the present-day stage, materials for the 3d Congress of the Geographical Society of the U. S. S. R.] Problemy general'nogo ekonomicheskogo raionirovaniia SSSR na sovremennom etape, materialy k III s"ezdu Geograficheskogo obshchestva Soiuza SSR. Leningrad, Geogr. ob-vo SSSR, 1959. 22 p. (Doklady po probleme: Ekonomicheskoe raionirovanie strany)

ALEKSANDROV, R. [Voluntary police beat] Druzhina zheseĸte. Frunze, Kyrgyzstan mamlekettik basmasy, 1961. 53 p. [In Kirghiz]

ALEKSEEV, N. S. [Struggle against juvenile delinquency in the German Democratic Republic] Bor'ba s prestupnost'iu nesovershennoletnikh v Germanskoi Demokraticheskoi Respublike. Moskva, Gos. izd-vo iurid. lit-ry, 1959. 131 p.

ALEXANDERSSON, GUNNAR. [Industrial structure of American cities. Translated from the English] Ekonomicheskaia struktura gorodov SShA; geograficheskoe issledovanie ekonomiki gorodov Soedinennykh Shtatov Ameriki. Predisl. i red. N. N. Baranskogo. Moskva, Izd-vo inostr. lit-ry, 1959. 213 p. (WaU)

AL'TEROVICH, O. [For the activist on culture] Aktivistu o kul'ture. Moskva, Izd-vo "Moskovskaia Pravda," 1961. 79 p.

ALTMYSHBAEV, ZH. [Improvement in the material prosperity and cultural standards of the workers of Kirghizistan between the 20th and the 21st Congresses of the CPSU] Rost material'nogo blagosostoianiia i kul'turnogo urovnia trudiashchikhsia Kirgizii mezhdu XX i XXI s"ezdami KPSS. Frunze, Kirgizskoe gos. izd-vo, 1959. 91 p. (MH)

ANASHKIN, N. F. [We strugg'e in unison] Boremsia vsem kollektivom. [Moskva] Mosk. rabochii, 1961. 94 p.

ANDREEV, V. S. [Legal relations of state social insurance in the U. S. S. R.] Pravootnoshenila po gosudarstvennomu sotsial'nomu strakhovaniiu v SSSR. [Moskva] Izd-vo Mosk. univ., 1962. 63 p.

ANDZANS, K. [Reorganization of collective-farm bookkeeping] Gramatvedibas parkartojumi kolkhozos. Riga, Latvijas Valsts izdevnieciba, 1961. 52 p. [In Latvian]

ANFIMOV, A. M. [Russian rural areas during the First World War, 1914-February 1917] Rossiiskaia derevnia v gody pervoi mirovoi voiny, 1914 - fevral' 1917 g. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1962. 382 p.

ANSBERG, A., and VELLO TARMISTO. [Estonian S. S. R., its economy and culture] Estonskaia SSR, ekonomika i kul'tura. Tallinn, Estonskoe Gos. izd-vo, 1960. 197 p. (PSt)

BARYSHNIKOVA, O. G. [National bourgeoisie of the Philippines in the struggle for independent foreign trade] Filippinskaia natsional'naia burzhuaziia v bor'be za nezavisimuiu vneshniuiu torgovliu. Moskva, Izd-vo vostochnoi lit-ry, 1962. 137 p.

BASHILOV, BORIS. [History of Russian Masonry] Istoriia russkogo masonstva. [Buenos Aires] Izd-vo "Rus'" [1954-?] 5 v. (RPB)

[BE PREPARED, book of the second rank" Pioneers] Bud' gotov, kniga pionera II "stupeni." [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1961. 493 p.

BEDNIAK, I. IA. [Japan during her transition to imperialism; the early history of Japanese monopolistic capitalism in the late 19th and the early 20th centuries] IAponiia v period perekhoda k imperializmu, stanovlenie iaponskogo monopolisticheskogo kapitalizma na rubezhe XIX - XX vv.) Moskva, Izd-vo vostochnoi lit-ry, 1962. 200 p.

BERGER, I. N., and V. TS. SHVILIKH. [Grocery trade] Torgovlia prodovol'stvennymi tovarami. Moskva, Gos. izd-vo torg. lit-ry, 1962. 120 p.

BOBOSHKO, K. K. [Pulse of the seven-year plan; studies on new machinery and their creators] Pul's semyrichky, narysy pro novu tekhniku ta ii tvortsiv. Kyiv, Vyd-vo TsK LKSMU "Molod'," 1961. 146 p.

BOGACHUK, A. I. [We are optimists] My - optimisty. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1961. 142 p.

BOIARSKII, F. F., and K. N. SHALABAEV, comps. [Nikita Sergeevich Khrushchev in Kazakhstan, March 1961] Nikita Sergeevich Khrushchev v Kazakhstane, mart 1961. Alma-Ata, Kazakhskoe gos. izd-vo, 1961. 362 p.

BOLDYREV, A. A., A. I. IL'IN, and IU. M. NOVIKOV. [Development of water resources in India] Ispol'zovanie vodnykh resursov Indii. Pod obshchei red. A. N. Voznesenskogo. Moskva, Gos. energ. izd-vo, 1961. 95 p.

BORISOVA, I. V., and others. [Economics, organization, and planning in forestry] Ekonomika, organizatsiia i planirovanie lesnogo khoziaistva. [L'vov] Izd-vo L'vovskogo univ., 1961. 302 p.

BRANDT, EDUARD. [Estonian S. S. R., the development of its economy] Estonskaia SSR, razvitie ekonomiki. Tallinn, Estonskoe Gos. izd-vo, 1960. 148 p. (DS)

CHELYABINSK (Province). Oblastnoe statisticheskoe upravlenie. [Economy of Chelyabinsk Province; statistical collection] Narodnoe khoziaistvo Cheliabinskoi oblasti, statisticheskii sbornik. [Cheliabinsk] Gosstatizdat TsSU SSSR Cheliabinskoe otd'nie, 1961. 177 p.

CHUNG-KUO KUNG CH'AN TANG. [Proposals of the Eight All-Chinese Congress of the Communist Party of China concerning the second five-year plan for the development of the national economy in 1958-1962; a report of Comrade Chou En-lai] Predlozhenila VIII Vsekitaiskogo s"ezda Kommunisticheskoi partii Kitaia po vtoromu piatiletnemu planu razvitiia narodnogo khoziaistva, 1958-1962 gg. O predlozhenilakh po vtoromu piatiletnemu planu razvitiia narodnogo khoziaistva; doklad tovarishcha Chzhou En-laia. (Prilozhenie k zhurnalu "Narodnyi Kitai," no. 20 za 1956 god) [n. p., n. d.] 63 p.

[COURSE OF LECTURES ON ECONOMICS] Kurs lektsii po politicheskoi ekonomii. Moskva, Gos. izd-vo "Vysshaia shkola." Book 1. 1962. 626 p.

DANILOV, A. M. [Constant improvement of the welfare of the people is the law of the development of Soviet society] Nepreryvnyi rost blagosostoianiia naroda—zakon razvitiia sovetskogo obshchestva. Alma-Ata, Ob-vo po rasprostraneniiu polit. i nauch. znanii Kazakhskoi SSR, 1959. 54 p.

DAVYDENKO, V. IA. [Friends of the Junior Pioneers] Druzi zhovtenlat. Kyiv, Vyd-vo TsK LKSMU "Molod'," 1961. 68 p.

DAVYDOV, A. D. [Development of capitalist relations in the agriculture of Afghanistan] Razvitie kapitalisticheskikh otnoshenii v zemledelii Afganistana. Moskva, Izd-vo vostochnoi lit-ry, 1962. 162 p.

DENISOV, IA. A. [International socialist division of labor] Mezhdunarodnoe sotsialisticheskoe razdelenie truda. Leningrad, Ob-vo po rasprostraneniiu polit. i nauchnykh znanii RSFSR, 1962. 60 p.

D'IACHKOV, M. F. [Statistics of capital construction] Statistika kapital'nogo stroitel'stva. Moskva, Gosstatizdat TsSU SSSR, 1962. 346 p.

DIADYK, I. I. [The stride of the seven year plan, an economic sketch] Postup' semiletki, ekonomicheskii ocherk. Stalino, Knizhnoe izd-vo, 1960. 135 p. (MH)

DMITRIEV, A. I. [Statistics of agricultural production] Statistika produktsii sel'skogo khoziaistva. [Leningrad] Izd-vo Leningr. univ., 1962. 73 p.

DONDUKOV, TS. TS. [Ulan-Ude, capital of Soviet Buryatia, historical and regional study] Ulan-Ude - stolitsa Sovetskoi Buriatii, istoriko-kraevedcheskii ocherk. Ulan-Ude, Buriatskoe knizhnoe izd-vo, 1961. 129 p.

DZHOMARDZHIDZE, G. S., ed. [Food industry of Georgia during the past 40 years] Pishchevaia promyshlennost' Gruzinskoi SSR za 40 let. Moskva, Pishchepromizdat, 1961. 162 p. (CU)

[ECONOMICS OF THE WOODWORKING INDUSTRY] Ekonomika lesodobyvaiushchei promyshlennosti. Moskva, Goslesbumizdat, 1961. 309 p.

ELJASANS, A., and I. JERMOSENKO. [Recent development in labor compensation on collective farms] Jaunakais par darba samaksu kolhozos. Riga, Latvijas Valsts izdevnieciba, 1961. 91 p. [In Latvian]

FAERMAN, A. I. [Economic aspects and organization of welding practices] Ekonomika i organizatsiia svarochnogo proizvodstva. Moskva, Vsesoiuznoe uchebno-pedagog. izd-vo Profizdat, 1961. 94 p.

FEDOROV, I. B. [We trust our people] Na osnove doveriia. [Leningrad] Lenizdat, 1961. 23 p. (Novoe v zhizni, nauke, tekhnike, Seriia 7: Mezhdunarodnaia, no. 22)

FEDOROV, T. [Finances and credit of the Sudan] Finansy i kredit Sudana. Moskva, Gosfinizdat, 1962. 119 p.

FIRSOV, V. K. [Fixed assets and working capital of an automotive transportation enterprise] Osnovnye i oborotnye fondy avtotransportnogo predpriiatiia. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1962. 31 p. (Bibliotechka po ekonomike avtomobil'nogo transporta)

FETOV, V. P. [American imperialism in Africa] Amerikanskii imperializm v Afrike. Moskva, Gos. izd-vo polit. lit-ry, 1962. 101 p. (Afrika segodnia)

[THE 40TH ANNIVERSARY OF SOVIET ARMENIA] 40 let Sovetskoi Armenii. Erevan, Aipetrat, 1961. 298 p.

GALIN, M. IU. [Pride of the Soviet worker] O gordosti sovetskogo rabochego. [Leningrad] Lenizdat, 1956. 58 p. (HNC)

GALUSHKINA, N. A. [Economics of enterprises of the vegetable-oil industry] Ekonomika predpriiatii maslozhirovoi promyshlennosti. Moskva, Pishchepromizdat, 1961. 208 p. (Ekonomika i organizatsiia pishchevoi promyshlennosti) (CU)

GALUZEVSKII, G. N. [Accounting for expenditures and calculating service costs in municipal service enterprises] Uchet zatrat i kal'kulirovanie sebestoimosti uslug v kommunal'nykh predpriiatiiakh. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1960. 101 p.

GOGOL', B., comp. [Economics of Soviet trade, visual aids] Ekonomika sovetskoi torgovli, naglindaye posobiia. Moskva, Gospolitizdat, 1961. 20 plates.

GOL'DSHTEIN, M. IU. [In what cases are average wages retained] V kakikh sluchaiakh za rabochimi i sluzhashchimi sokhraniaetsia srednii zarabotok. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 61 p. (Iuridicheskie konsul'tatsii dlia naseleniia v voprosakh i otvetakh, no. 22)

GONIONSKII, S. A. [Cuba strides forward] Kuba idet vpered. Moskva, Izd-vo "Znanie," 1962. 31 p. (Novoe v zhizni, nauke, tekhnike, Seriia 7: Mezhdunarodnaia, no. 1)

GORBOVSKII, A. A. [The "highest" and the "lowest"; from the history of racism] "Vysshaia" i "Nizshaia"; iz istorii rasizma. Moskva, Izd-vo "Znanie," 1961. 80 p.

GUR'IANOV, S. KH., I. A. POLIAKOV, and K. S. REMIZOV. [Labor economist's reference book, method for calculating the economics of labor in an industrial enterprise] Spravochnik ekonomista po trudu; metodika raschetov po ekonomike truda na promyshlennom predpriiatii. Moskva, Izd-vo ekon. lit-ry, 1962. 295 p.

GVELESIANI, G G [Principles of the socialist distribution of production] Ob osnovakh sotsialisticheskogo razmeshchenila proizvodstva. Tbilisi, Izd-vo Akad nauk Gruzinskoi SSR, 1961 135 p.

[HAPPY SEASON OF PLANTING, Kievan beacons] Shchaslyvyi zasiv, Kyivs'ki maiaki [Kyiv] Kyivs'ke oblasne knyzhkogo-gazetne vyd-vo, 1961 86 p

HINCKER, MICHEL. [New aspects of financial oligarchy in France Translated from the French] Novye cherty finansovoi oligarkhii vo Frantsii Obshchaia red i predisl A I Pokrovskogo. Moskva, Izd-vo inostr. lit-ry, 1960. 137 p.

[HISTORY OF THE LABORING CLASSES IN THE URAL MOUNTAIN REGION, collected articles] Iz istorii rabochego klassa Urala, sbornik statei. [Perm'] Permskoe knizhnoe izd-vo, 1961. 393 p.

IGNATOV, S. A. [How to introduce business accounting on collective farms] Kak vnedrit' khozraschetnyi raschet v kolkhozakh Moskva, Sel'khozgiz, 1960 204 p
(MH) (ICU)

IVANOV, S. P. [Good luck, African!] Shchastya tobi, Afryko! [Kyiv] Kyivs'ke oblasne knyzhkovo-gazetne vyd-vo, 1961. 132 p.

IVSHIN, P. IA. [Statistics of the locomotive depot, records and accounting] Statistika v lokomotivnom depo, uchet i otchetnost'. Moskva, Vsesoiuzn. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1962 111 p.

JANOVS, JANIS. [Management of socialist industrial enterprises] Socialistisko uzņemumu pārvaldisana. Rigā, Latvijas Valsts izdevniecība, 1960. 29 p. (Palīgs ekonomiskai izglītībai) [In Latvian]

KADETOVA, M. P. [Planning the development of the material and technological basis of construction] Planirovanie razvitila material'no-tekhnicheskoi bazy stroitel'stva Moskva, Izd-vo ekon. lit-ry, 1962. 110 p.

KAGARLITSKAIA, O. T. [Ground rent, development of capitalism in agriculture] Zemel'naia renta; razvitie kapitalizma v sel'skom khoziaistve. [Leningrad] Izd-vo Leningr. univ., 1961. 101 p.

KALININ, I. I [Standardization of inventories and ways to accelerate the turnover of merchandise] Normirovanie tovarnykh zapasov i puti uskorenila obora chivaemosti tovarov. Moskva, Gos. izd-vo torg. lit-ry, 1962 110 p.

KAPRALOVA, R. P. [Billing machines; manual for operators for studying the operation of the machine] Fakturnye mashiny; posobie dlia operatorov po samostoiatel'nomu izucheniiu tekhniki i raboty na mashine Moskva, Gosstatizdat TsSU SSSR, 1961. 100 p.

KASHIN, K. V [Visual methods of propaganda at the "Skorokhod" Plant] Nagliadnaia agitatsiia na "Skorokhode," [Leningrad] Lenizdat, 1959. 62 p. (Bibliotechka sekretaria partiinoi organizatsii)
(NNC)

KATS, R. R., and V. A. ACHARKAN. [Pensions from cooperative insurance, paragraph by paragraph commentaries] Pensii po kooperativnomu strakhovaniiu; postateinyi kommentarii. Moskva, Vses. koop. izd-vo, 1958. 167 p.
(NNC)

KAZAKBAEV, A. [Fortieth anniversary of Lenin's plan for the State Commission for the Electrification of Russia and electrification of Soviet Kirghizistan] Leninskii Goelro planynyn 40 zhyldygy zhana Sovettik Kyrgyzstandy elektrleshtirui. Frunze, Kyrgyz mamlekettik basmasy, 1961. 38 p. [In Kirghiz]

KHORASANIAN, G. A. [Economics of large-panel house building in Armenia] Ekonomika krupnopanel'nogo domostroeniia v Armenii. Erevan, Izd-vo Armianskoi SSR, 1961 137 p.

KHRUSHCHEV, N. S. [Present-day stage of the building of communism and tasks of the party in the improvement of agricultural management] Sovremennyi etap kommunisticheskogo stroitel'stva i zadachi partii po uluchsheniiu rukovodstva sel'skim khoziaistvom. Moskva, Gos. izd-vo polit. lit-ry, 1962. 447 p.

KHUDIAKOVA, V. A. [Happiness is near you] Schast'e riadom s toboi. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1961. 25 p.

KHUDOKORMOV, G. N. [Commodity production and the law of value under socialism] Tovarnoe proizvodstvo i zakon stoimosti pri sotsializme. Moskva, Gos. izd-vo "Vysshaia shkola," 1962. 110 p.

KIDAL'CHICH, O. A. [Ways of expansion and improvement of passenger travel in Soviet transportation] Puti razvitila i uluchsheniia passazhirskikh perevozok na transporte SSSR. Moskva, Izd-vo ekon. lit-ry, 1962. 73 p. (Ekonomicheskoe samoobrazovanie)

KIEV. DERZHAVNA RESPUBLIKANS'KA BIBLIOTEKA URSR IMENI KPRS. [The Ukraine in the seven-year plan; a brief annotated bibliography] Ukraina v semyrichnomu plani; korotkyi anotovanyi pokazhchyk literatury. Kyiv, Derzhpolitvydav URSR, 1960. 54 p (Metodyka bibliotechnoi raboty ta bibliografiia)
(MH)

KIEV VYSTAVKA PEREDOVOGO DOSVIDU V NARODNOMU HOSPODARSTVI UKRAINS'KOI RSR. [Guidebook to the Pavilion "Industrial crops and industries that process them "] Pavil'ion tekhnichni kul'tury i promyslovist' po ikh pererobtsi, putivnyk Kiev, Derzh. vyd-vo sil's'kohospodars'koi lit-ry URSR, 1961 36 p (Peredovogo dosvidu v narodnomu hospodarstvy USSR)

KIRILLOV, F. A. [Finances of collective farms] Finansy kolkhozov. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1962 185 p

KISELEV, IA. L. [Basic laws governing state social insurance in the U. S. S. R.] Osnovy sovetskogo zakonodatel'stva po gosudarstvennomu sotsial'nomu strakhovaniiu. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1962. 109 p.

KOLOSOV, L. S., and N. I. TIMOFFEV. [Italy's economic condition] Ekonomika Italii. Moskva, Izd-vo in-ta mezhdunarodnykh otnoshenii, 1960. 202 p.
(MH)

KOMAR, I. V., M. I. POMUS, and S. N. RIAZANTSEV [Planning in a province, materials for the 3d Congress of the Geographical Society of the U. S. S. R.] O vnutrioblastnom raionirovanii, materialy k III s"ezdu Geograficheskogo obshchestva Soiuza SSR Leningrad, Geogr. ob-vo SSSR, 1959. 13 p (Doklady po probleme Ekonomicheskoe raionirovanie strany)

KOMIAKHOV, V. G [Organizational work is a guarantee of success] Organizatorskaia rabota - zalog uspekha. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1962 78 p.

KOMMUNISTICHESKAIA PARTIIA SOVETSKOGO SOIUZA. Altaiskii kraevoi komitet. Partiinyi arkhiv. [The Altai in the reconstruction period 1921-1925; collected documents] Altai v vosstanovitel'nyi period, 1921-1925 gg., sbornik dokumentov. Barnaul, Altaiskoe knizhnoe izd-vo, 1960. 360 p
(MH)

KONSTANTINOV, O. A. [Present state of economic and geographical studies on economic regionalization in the U. S. S. R., materials for the 3d Congress of the Geographical Society of the U. S. S. R.] Sovremennoe sostoianie ekonomiko-geograficheskikh issledovanii po ekonomicheskomu raionirovaniiu v SSSR; materialy k III s"ezdu Geograficheskogo obshchestva Soiuza SSR. Leningrad, Geogr. ob-vo SSSR, 1959 31 p. (Doklady po probleme: Ekonomicheskoe raionirovanie strany)

KOROLEVA, T. S. [High standard enterprise] Predpriiatie vysokoi kul'tury. [Leningrad] Lenizdat, 1961. 47 p. (Novoe vkhodit v zhizn')

KOTOV, G. G., ed [Knowledge of economics is the basis for able management] Znanie ekonomiki - osnova umelogo khoziaistvovaniia. Moskva, Izd-vo "Sovetskaia Rossiia," 1961 186 p.

KOVALENKO, V. I., and M. A. SKOROKHODOV. [Birth of the new] Rozhdenie novogo. [Moskva] Mosk rabochii, 1961. 141 p. (Zemlia Moskovskaia)

KOZHOGULOV, ALYM. [Fruits of selfless labor] Asyl emgektin zhemisi. Frunze, Kyrgyzstan mamlekettik basmasy, 1959. 25 p [In Kirghiz]

KRASAVIN, N. N. [How to increase labor productivity on a farm] Kak povysit' proizvoditel'nost' truda v khoziaistve. Moskva, Gos. izd-vo polit. lit-ry, 1961 62 p. (Ekonomicheskie znaniia truzhenikam sela)
(DA)

KRIAZHEV, P. E. [Society and personality] Obshchestvo i lichnost'. Moskva, Gos. izd-vo polit. lit-ry, 1961. 92 p.

KUGUKALO, I. A., L. M. KORETSKII, and I. A. VELICHKO. [Economic regionalization of the Ukrainian S. S. R.; materials for the 3d Congress of the Geographical Society of the U. S. S. R.] Ob ekonomicheskom raionirovanii Ukrainskoi SSR; materialy k III s"ezdu Geograficheskogo obshchestva Soiuza SSR. Leningrad, Geogr. ob-vo SSSR, 1959. 16, 2 p. (Doklady po probleme: Ekonomicheskoe raionirovanie strany)

LABUTIN, A. I. [International responsibility of the Soviet people] Internatsional'nyi dolg sovetskogo naroda. Leningrad, Ob-vo po rasprostraneniiu polit. i nauch. znanii RSFSR, 1961. 60 p.

LATVIJAS PADOMJU SOCIALISTISKAS REPUBLIKAS ZINATNU AKADEMIJA. Ekonomikas instituts. [Agricultural economics] Lauksaimniecības ekonomika Rīga, Latvijas PSR Zinatnu akad. izdevniecība, 1961 108 p [In Latvian]

LATVIJAS PADOMJU SOCIALISTISKAS REPUBLIKAS ZINATNU AKADEMIJA. Ekonomikas instituts [Statistical atlas of the Latvian Soviet Socialist Republic] Latvijas Padomju Socialistiskas Republikas statistikas atlants. Statisticheskii atlas Latvinskoi Sovetskoi Sotsialisticheskoi Respubliki Rīga, Latvijas PSR Zinatnu akademijas izdevniecība, 1960 11, 10 p
(DC)

LAZARI V, M. L. Mykola Mamai Kyiv, Derzh. vyd-vo tekhn. lit-ry URSR, 1961. 21 p (Udarnyky semyrichky)

LEBEDEV, P., comp [Grow, thou bunch, in far-off lands] Rasti bereze v dalekikh stranakh Moskva, Gos. izd-vo polit. lit-ry, 1961. 70 p

LENINGRAD, UNIVERSITET. Ekonomicheskii fakul'tet. [Political economy] Politicheskaia ekonomiia. Leningrad. Izd-vo Leningr. univ., 1960. 146 p
(DBC)

LENSKII, E. G., N. M. ZASLAVSKII, and P. A. STEPANCHUK [Mixed brigade operating on a business accounting basis] Kompleksnaia khozraschetnaia brigada Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1960. 32 p.

[LET'S DISSEMINATE THE KNOWLEDGE OF ECONOMICS AMONG WORKING PEOPLE] Ekonomiskas zinasanas - darbaludim Rīga, Latvijas Valsts izdevniecība, 1961. 47 p. [In Latvian]

LEVIN, R. IA. [Work practices of regional economic councils in the Baltic States] Iz opyta raboty sovnarkhozov Pribaltiki Tallin, Estonskoe gos. izd-vo, 1960. 87 p
(DS)

LEVITSKII, G. S. [Our club of enthusiasts] Nash klub entuziastov [Leningrad] Lenizdat, 1961. 29 p (Novoe vkhodit v zhizn')

LIETUVOS KOMMUNISTU PARTIJA. Centro Komitetas. [Produce more agricultural products for the socialist motherland, materials of the Ninth Plenum of the Central Committee of the Communist Party of Lithuania] Bol'she sel'skokhoziaistvennykh produktov sotsialisticheskoi Rodine; materialy IX Plenuma TsK KP Litvy. Vilnius, Gazetno-zhurn. izd-vo, 1960. 63 p.
(NNC)

LITHUANIAN S. S. R. Statistikos valdybà. [Twenty years of Soviet Lithuania; statistical collection] 20 let Sovetskoi Litvy, statisticheskii sbornik Vil'nius, Gosstatizdat, Litovskoe otd'nie, 1960 351 p.

LUKASHEVICH, S. I., and I. B. LEVIN [The main economic problem of the Soviet people and how to solve it] Glavnaia ekonomicheskaia zadacha sovetskogo naroda i puti ee reshenila. Minsk, 1962. 36 p (Obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii Belorusskoi SSR, no. 1)

LUKAUSKAS, ALGIRDAS, and ANTANAS MARCINKEVICIUS. [The giant awoke] Pakilęs galiunas. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961 59 p. [In Lithuanian]

MALAKHOV, I. K. [Organization and planning of production processes in a machine-shop foreman's area] Organizatsiia i planirovanie proizvodstva na uchastke mastera mekhanicheskogo tseklia. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1962. 136 p.

MANSIL'IA, ANASTASIO. [The process of the accumulation of capital, comments to the seventh section of the first volume of Karl Marx's "Capital."] Protsess nakopleniia kapitala, kommentarii k 7-mu oddelu pervogo toma "Kapitala" K. Marksa. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 85 p

[MANUAL ON STATE FARM WAGES AND OTHER STATE AGRICULTURAL ENTERPRISES] Spravochnik po oplate truda v sovkhozakh i drugikh gosudarstvennykh sel'skokhoziaistvennykh predpriiatiiakh. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1962. 550 p.

MARKON, A., and A. LEITES. [Enterprise of communist labor. Translated from the Latvian] Predpriiatie kommunisticheskogo truda. Riga, Latvtiskoe gos. izd-vo, 1961. 64 p. (Po dorogam semiletki)

MARKOVA, T. A. [Let's train little children to do housework] Priuchaite malen'kikh detei k domashnemu trudu. Moskva, Izd-vo Akad. pedagog. nauk, 1961. 53 p (Knigi dlia roditelei)

MASHBITS, IA G. [Mexico, economic and geographical features] Meksika, ekonomiko-geograficheskaia kharakteristika. Moskva, Gos. izd-vo geogr. lit-ry, 1961. 295 p

MASLOVA, N S., E F BORISOV, and V G PANKRA-T'EV [Wages and production costs in U S S R industries] Zarabotnaia plata i sebestoimost' produktsii v promyshlennosti SSSR Pod obshchei red K N Plotnikova Moskva, Izd-vo ekon lit-ry, 1962 267 p

MAURINA, I., comp [Cultural institutions during the seven-year plan, work practice of clubs, libraries and motion-picture theaters] Kulturas iestades septingades soli, klubu, bibliotekU un kinoteatru darba pieredze Riga, Latvijas Valsts izdevnieciba, 1961 120 p [In Latvian]

MEEROVICH, G.M. [Analysis of the financial operations of a textile enterprise] Analiz finansovoi deiatel'nosti predpriiatiia tekstil'noi promyshlennosti Pod red. M. A. Barura. Moskva, Izd-vo nauchno-tekhn lit-ry RSFSR, 1961. 90 p.

MEZHVUZOVSKAIA NAUCHNAIA KONFERENTSIIA "EKONOMICHESKIE PROBLEMY PEREKHODA OT SOTSIALIZMA K KOMMUNIZMU," Rostov-on-Don, 1959. [Intercollegiate Conference "Economic Problems of the Transition from Socialism to Communism"] Materialy. Moskva, Vysshaia shkola, 1960 373 p (WU)

MIRONOV, M. E. Oleksandr Kol'chyk Kyiv, Derzh. vyd-vo tekhn lit-ry URSR, 1961 15 p (Udarnyky semyrichky)

MOLCHANOV, IU. L. [Trade is the way to peace and friendship] Torgovlia - put' k miru i druzhbe Leningrad, Ob-vo po rasprostraneniiu polit i nauch. znanii RSFSR, 1961 58 p.

MOSCOW. NAUCHNO-ISSLEDOVATEL'SKII EKONOMICHESKII INSTITUT [Utilizing capital assets in U S S R industries] Ispol'zovanie osnovnykh proizvodstvennykh fondov v promyshlennosti SSSR Pod red K A Petrosiana Moskva, Izd-vo ekon. lit-ry, 1962 210 p.

MOSCOW. NAUCHNO-ISSLEDOVATEL'SKII INSTITUT TRUDA. [Wages and their improvement in U. S. S. R. industry] Zarabotnaia plata v promyshlennosti SSSR i ee sovershenstvovanie. Pod red. E. I. Kapustina Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 201 p.

MOTEL', IA S [Not for the sake of glory or money] Ne radi slavy i oklada Riga, Latvijskoe gos izd-vo, 1960 280 p. (Po dorogam semiletki)

NATAN, ZHAK. [History of economic development in Bulgaria. Translated from the Bulgarian] Istoriia ekonomicheskogo razvitiia Bolgarii. Predisl. i red. A. N Kushevskoi Moskva, Izd-vo inostr. lit-ry, 1961 498 p

NEZYM, IU. S. [Struggle for a high title] U borot'bi za vysoke zvannia Kyiv, Derzh. vyd-vo tekhn lit-ry URSR, 1961 22 p.

[NATIONAL ECONOMY OF THE GERMAN DEMOCRATIC REPUBLIC, 15 years of peaceful development. Translated from the German] Narodnoe khoziaistvo GDR, 15 let mirnogo razvitiia. Moskva, Izd-vo inostr. lit-ry, 1961 509 p

[MICROFILM]

NOZHKINA, A. A. [Problem for practical study in accounting on state farms] Zadachа dlia uchebnoi praktiki po bukhgalterskomu uchetu v sovkhozakh. Moskva, Gosstatizdat TsSU SSSR, 1961. 45 p.

OFMANIS, J. [Business accounting in industry] Saimnieciskais aprekins rupniecliba. Riga, Latvijas Valsts izdevnieciba, 1961 205 p Paligs ekonomiskai izglitibai) [In Latvian]

OVSIANNIKOV, N. N. [The SP-22 accounting machine, textbook for teaching the technique of machine operation] Bukhgalterskaia mashina modeli SR-22, posobie dlia obucheniia tekhnike raboty na mashine. Moskva, Gosstatizdat, 1961. 71 p.

OZNOBIN, N. M. [Electric power stations in the U. S. S. R. and their location] Elektroenergetika SSSR i ee razmeshchenia. Moskva, Izd-vo ekon. lit-ry, 1961, 305 p.

PAVLENKO, T. A. [Organization and planning of construction] Organizatsiia i planirovanie stroitel'stva. Moskva, Gosteshumizdat, 1961. 364 p.

PEKAREVICH, V. M., and S. V SERGEEV. [Developing the industries of Sverdlovsk Province during the years of the seven-year plan] Razvitie promyshlennosti Sverdlovskoi oblasti v gody semiletki. [Sverdlovsk] Sverdlovskoe knizhnoe izd-vo, 1959. 82 p. (Sverdlovskaia oblast' v semiletnem plane)

PETROV, P A [Sudan, economy and foreign trade] Sudan; ekonomika i vneshniaia torgovlia Moskva, Vneshtorgizdat, 1961. 78 p.

PICHUGIN, N. N. [Trade-union work at a construction site] Profsoiuznaia rabota na stroike [Moskva] Izd-vo VTsSPS Profizdat, 1961. 70 p.
(NJP)

PIVNIEV, V. O. [Origin of the communist distribution of public consumption funds] Paiostky kommunistychnoho rozpodilu. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1962. 60 p.

POKSHISHEVSKII, V. V [Role of the geography of population in the economic regionalization of the U S S R., materials for the 3d Congress of the Geographical Society of the U S S R.] Rol' geografii naselenia v voprosakh ekonomicheskogo raionirovaniia SSSR; materialy k III s"ezdu Geograficheskogo obshchestva Soiuza SSR. Leningrad, Geogr. ob-vo SSSR, 1959 14 p. (Doklady po probleme Ekonomicheskoe raionirovanie strany)

POLIANS'KYI, D. S. [A speech at the 22d Congress of the CPSU, October 23, 1961] Promova na XXII z'izdi KPRS, 23 zhovtnia 1961 roku. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1961. 18 p.

POULAIN, J. C. [What they said and what I saw Translated from the French] Chto govoriat i chto ia videl. [Moskva] Izd-vo VTsSPS Profizdat, 1960. 44 p

[PROBLEM OF ECONOMIC THEORY IN V. I. LENIN'S WORK] Voprosy ekonomicheskoi teorii v trudakh V. I Lenina Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1962. 372 p.

PROKOPENKO, N. I. [CPSU in the struggle for preparing the mass collective-farm movement, 1927-1929] KPSS v bor'be za podgotovku massovogo kolkhoznogo dvizhenila, 1927-1929 gg [Moskva] Izd-vo Mosk. univ., 1961 182 p

PROSTOMOLOTOV, F., and A. PETRIAKOV. [Light industry in Moldavia during the seven-year plan] Legkaia promyshlennost' Moldavii v semiletke. Kishinev, Kartia moldovenialse, 1960. 94 p.
(WU)

REKSNA, ANTONS. [Lowering the cost of agricultural production helps to raise social welfare] Lauksaimniecibas produkcijas pasizmaksas pazeminasana - sabiedriskas labklajibas avots. Riga, Latvijas Valsts izdevnieciba, 1961 81 p. [In Latvian]

RESPUBLIKINIS KULTUROS-SVIETIMO DARBO MOKSLINIS-METODINIS KABINETAS. [In community centers] Kultur os-svietimo istaigose Vilnius, Valstybine politines ir mokslines literatur os leidykla, 1961 79 p. [In Lithuanian]

RODIONOVA, L. I. [Essays on the history of the trade-union movement among medical workers] Ocherki istorii professional'nogo dvizhenlia meditsinskikh rabotnikov. Moskva, Medgiz, 1962. 247 p.

[ROSTOV PROVINCE, nature, population, economy and culture] Rostovskaia oblast'; priroda, naselenie, khoziaistvo, kul'tura [Rostov-na-Donu] Rostovskoe knizhnoe izd-vo, 1961. 333 p.

ROTSHTEIN, A. G., and IU. E. PAK. [For high labor productivity in construction] Za vysokuiu proizvoditel'nost' truda na stroike. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 37 p. (V pomoshch' ekonomicheskomu obrazovaniiu rabochikh, brigadirov i masterov- stroitelei)

RUSSIA (1923- U. S. S. R.) Glavnoe pochtovoe upravlenie. [Manual for the sorting and classifying of international mail at post offices in the U. S. S. R.] Posobie po obrabotke i oformleniiu mezhdunarodnoi pochty v mestakh mezhdunarodnogo pochtovogo obmena SSSR. Moskva, Gos. izd-vo lit-ry po voprosam svlazi i radio, 1960. 90 p.

RUSSIA (1923- U. S. S. R.) Gosudarstvennyi komitet po voprosam truda i zarabotnoi platy. [Standard job classification manual, mixed occupations] Edinyi tarifno-kvalifikatsionnyi spravochnik rabochikh, skvoznye professii. S prilozheniem dopolnenii i izmenenii. . ot 23 lanvaria 1960 g. No. 90/P-1 i ot 8 sentiabria 1960 g. No. 1098/P-21. Moskva, Gostoptekhizdat, 1961. 684 p.

RUSSIA (1923- U. S. S. R.) TSentral'noe statisticheskoe upravlenie. [Results of fulfilling the state plan for the development of the national economy of the U.S.S.R. in 1960] Ob itogakh vypolneniia gosudarstvennogo plana razvitiia narodnogo khoziaistva SSSR v 1960 godu; soobshchenie. Moskva, Gos. izd-vo polit. lit-ry, 1961. 19 p.

RUSSIA (1923- U. S. S. R.) Upravlenie po organizatsii i mekhanizatsii ucheta. [Mechanization of accounting, bookkeeping, and computation] Mekhanizatsiia ucheta, otchetnosti i vychislitel'nykh rabot; sbornik informatsionnykh materialov. Moskva, Gosstatizdat, 1960. 50 p.
(CU)

RUZGYTE, JADVYGA [Guarding the working people's health, from the experience of the Social Insurance Committee at the Verpetas Factory] Darbo zmoniu sveikatos sargyboje, "Verpsto" fabriko nelaimiu draudimo komisijos darbo patyrimas. Vilnius, Valstybine politines ir mokslines literatur os leidykla, 1961. 53 p. [In Lithuanian]

SAPYRO, B [Lithuanian consumers' cooperatives on the road indicated by Lenin] Lietuvos vartotoju kooperacija Lenino keliu. Vilnius, Latkrasciu ir enciklopedijos leidykla, 1961. 34 p [In Lithuanian]

SAUSHKIN, IU. G., and T. M. KALASHNIKOVA [Present-day problems in the economic regionalization of the U. S. S. R., materials for the 3d Congress of the Geographical Society of the U. S. S. R.] Sovremennye problemy ekonomicheskogo raionirovaniia SSSR, materialy k III s"ezdu Geograficheskogo obshchestva Soiuza SSR Leningrad, Geogr. ob-vo SSSR, 1959 15 p. (Doklady po probleme Ekonomicheskoe raionirovanie strany)

SAVEL'EV, N. A [Philippines, study of the country] Filippiny; ekonomicheskii ocherk. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1960. 142 p.

SHAMZHANOVA, ROZA. [Economic and cultural relations of Soviet Kazakhstan with foreign countries] Sovettik Kazakstannyn shetelderimen ekonomiialyk zhene medeni bailanysy. Almaty, 1960. 14 p

SHCHIPKO, L. M. [Minei Evgen Sklifarov] Proletarii Evhen Sklifarov. Kyiv, Derzh. vyd-vo tekhn. lit-ry URSR, 1961. 16 p. (Udarnyky semyrichky)

SHELIUTTO, K. V., and E. N BOROVSKAIA. [Bonus payments to engineers and technicians according to Soviet law] Premirovanie inzhenerno-tekhnicheskikh rabotnikov po sovetskomu pravu. Moskva, Izd-vo iurid. lit-ry, 1962 124 p.

SHENGELIIA, P. G. [Multistage development of mountain rivers] Voprosy kaskadnogo ispol'zovaniia gornykh rek. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1961. 299 p. [With summary in English]

SHINKAREV, A. I. Nakhodka, Vladivostok, Primorskoe knizhnoe izd-vo, 1961 169 p.

SLAVNYI, I. D. [Studies in planning currency circulation] Ocherki planirovaniia denezhnogo obrashcheniia Moskva, Gosfinizdat, 1961. 270 p

SOLODKOV, M. V. [Socialist capital reproduction under the conditions of the building of communism] Sotsialisticheskoe rasshirennoe vosproizvodstvo v usloviiakh stroitel'stva kommunizma. Moskva, 1961 20 p (Narodnyi universitet kul'tury. Obshchestvenno-politicheskii fakul'tet, no. 16)

SOVESHCHANIE MEZHDUVEDOMSTVENNOI POSTOIANNOI TEMATICHESKOI KOMISSII PO PROBLEME "ZAKONOMERNOSTI RAZMESHCHENIIA ISKOPAEMYKH UGLEI V ZEMNOI KORE KAK OSNOVA DLIA IKH PROGNOZA NA TERRITORII SSSR." 7th, Moscow, 1960. [Reports at the Seventh Conference of the Interdepartmental Permanent Topical Commission on the Problem "Regularities in the Distribution of Coals in the Earth's Crust as a Basis for Prognosis in the Territory of the U.S.S.R."] Doklady. Moskva, Izd-vo Akad. nauk SSSR, 1961. 133 p

———— [Map of Permian coal in the territory of the U. S. S. R. at a scale of 1:5, 000, 000] Karta permskikh ugленakoplenii na territorii SSSR, masshtab 1:5 000 000. 1959.

———— [Map of Lower Mesozoic (T1-J1) coal in the territory of the U. S. S. R. at a scale of 1:5, 000, 000] Karta nizhnemezozoiskogo (T1-J1) ugленakopleniia na territorii SSSR, masshtab 1:5 000 000. 1959.

———— [Map of the coal-bearing provinces of the U. S. S. R. at a scale of 1:5, 000, 000] Karta ugленosnykh provintsii SSSR, masshtab 1:5 000 000. 1959.

SOVESHCHANIE PEREDOVIKOV SEL'SKOGO KHOZIAISTVA URALA, Sverdlovsk, 1961. [Leaders in agriculture speak of their methods] Peredoviki sel'skogo khoziaistva o svoem opyte, materialy. Moskva, "Sovetskaia Rossiia," 1961. 176 p.
(MH)

SVAVITSKII, N. A. [Methods of the zemstvo cenus of farmsteads] Zemskie podvornye perepisi; obzor metodologii. Moskva, Gosstatizdat, 1961 364 p.

[TRADE UNION OF AGRICULTURE WORKERS] Ocherk istoricheskii [A historical study] Profsoiuz rabochikh sel'skogo khoziaistva; kratkii istoricheskii ocherk. [Moskva] Izd-vo VTsSPS Profizdat, 1961. 245 p.

TSELYKOVSKAIA, L. A. [Collective-farm trade and its significance for the national economy] Kolkhoznaia torgovlia i ee narodnokhoziaistvennoe znachenie. [Leningrad] Izd-vo Leningr. univ., 1961. 32 p.

TSYPKIN, IA. Z., and B. N. MIKHALEVSKII, ed. [Control processes in the models of economic systems. Translated articles] Protsessy regulirovaniia v modeliakh ekonomicheskikh sistem, sbornik statei. Moskva, Izd-vo inostr. lit-ry, 1961. 292 p.

TUGANBAEV, A. SH. [Economic cooperation of socialist countries] Sotsialistik elderdiń ekonomikalyk yntymagy. Almaty, Kazak memleket baspasy, 1959. 57 p. [In Kazakh]

VAVILKIN, V. M. [How to prepare for and conduct a trade-union meeting] Kak podgotovit' i provesti profsoiuznoe sobranie. 2., perer. izd. [Moskva] Izd-vo VTsSPS Profizdat, 1961. 61 p. (Bibliotechka profsoiuznogo aktivista)

VEDERNIKOV, S. S. [Principles of accounting] Osnovy bukhgalterskogo ucheta, uchebnoe posobie dlia podgotovki schetovodov. Moskva, Gosplanizdat, 1961. 154 p.
(MH)

VENEDIKTOV, A. V. [Organization of state industry in the U. S. S. R.] Organizatsiia gosudarstvennoi promyshlennosti v SSSR. [Leningrad] Izd-vo Leningr. univ.,
Vol. 2. 1921-1934. 1961. 863 p.

VERBA, P. I. [Role of credit in the development of the industries of regional economic councils, based on materials of the Ukrainian S. S. R.] Rol' kredita v razvitii promyshlennosti sovnarkhozov; na materialakh Ukrainskoi SSR. [Khar'kov] Khar'kovskoe knizhnoe izd-vo, 1961. 143 p.

VILLAIN, JEAN. [A republic behind barbed wire. Translated from the German] Respublika za kolliuchei provolokoi. Moskva, Izd-vo "Pravda," 1962. 47 p. (*Biblioteka "Ogonek," no. 5*)

VINOGRADOV, A. P., E. A. KEDRIN, and B. F. TSERVITINOV. [Leather goods, shoes, furs and pelts] Kozhevenno-obuvnye, pushno-mekhovye i ovchinno-shubnye tovary. Pod red. N. A. Arkhangel'skogo. Moskva, Gos. izd-vo torg. lit-ry, 1962. 536 p. (Tovarovedenie promyshlennykh tovarov)

VLADIMIROV, V. A. [Crime must be prevented] Prestuplenie ne dolzhno sovershat'sia. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1962. 149 p.

VORONKOV, I. I. [Organization of work and wages in a machinery manufacturing plant] Organizatsiia truda i zarabotnoi platy na mashinostroitel'nom zavode. Moskva, Mashgiz, 1961. 263 p.

VOSPOLIT, V. G., and O. A. DENISENKO. [Organizing a wage system and establishing work norms in the coal mining industry] Organizatsiia zarabotnoi platy i normirovaniia truda v ugol'noi promyshlennosti [Stalino] Stalinskoe obl. izd-vo, 1959. 49 p. (Voprosy konkretnoi ekonomiki ugol'noi promyshlennosti)

VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT NEFTEKHIMICHESKIKH PROTSESSOV. [Economic effectiveness of petrochemical processes] Ekonomicheskaia effektivnost' neftekhimicheskikh protsessov. Leningrad, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 92 p.

VYGODSKII, S. L. [Studies in the theory of modern capitalism] Ocherki teorii sovremennogo kapitalizma. Moskva, Izd-vo ekon. lit-ry, 1961. 385 p.

ZAKHAROV, A. G., and others. [Methods of the economic evaluation of the operational indices of sections and maintenance units of railroads] Metodika ekonomicheskoi otsenki pokazatelei ekspluatatsionnoi raboty otdeleniia i khozdeistv dorogi. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 70 p.

ZASTENKER, G. S., and A. A. MILOV. [Control and output of work at machine accounting centers] Kontrol' i vypusk rabot na mashinoschetnykh stantsiiakh. Moskva, Gosstatizdat TsSU SSSR, 1961. 95 p.

ZEMLIAK, K. P. [A story about the seven-year plan, 1959-1965] Rozpovid' pro semyrichku, 1959-1965. Kyiv, Derzh. uchbovo-pedagog. vyd-vo "Radians'ka shkola," 1961. 156 p.

ZHANKELDIN, TOKHTAGALI. [Educational significance of socialist labor] Sotsialistik eńbektiń terbielik mańyzy. Almaty, Kazak memleket baspasy, 1960. 92 p. [In Kazakh]

ZHOGIN, N. V. [When our decision determines the destiny of a man] Reshaia sud'bu cheloveka... Kazan', Tatarskoe knizhnoe izd-vo, 1961. 198 p.

ZHURBA, S. I. [Fraternal cooperation] Bratern's'ke spivrobitnytstvo. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1961. 102 p.

ZORIN, I. N., comp. [Russian-Chinese dictionary of general economics and foreign trade] Russko-kitaiskii obshcheekonomicheskii i vneshnetorgovyi slovar'. Pod red. L. Linshailo. Moskva, Vneshtorgizdat, 1961. 708 p.

6. POLITICAL SCIENCE

[ADMINISTRATIVE AND TERRITORIAL DIVISION OF THE TAJIK S. S. R. as of January 1, 1960] Administrativno-territorial'noe delenie Tadzhikskoi SSR na 1 ianvaria 1960 goda. Stalinabad, Tadzhikskoe gos. izd-vo, 1960. 170 p.

[MICROFILM]

[AID FOR THE SECRETARY OF THE LOCAL PARTY ORGANIZATION] Bastauysh partiia ūiymynyn sekretaryna kömekshi. [Almaty, Kazak memleket baspasy, 1960] 13 pamphlets. (Kitapkhanal) [In Kazakh]

[AID TO THE ACTIVIST OF THE COMMUNIST YOUTH LEAGUE] Pagalba komjaunimo aktyvistui. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 94 p. [In Lithuanian]

[ALGERIAN PEOPLE WILL TRIUMPH. Translated from the French] Alzhirskii narod pobedit. Moskva, Gos. izd-vo polit. lit-ry, 1961. 82 p.

ANDREEV, B., and K. SAVIN. [Organizational work of rural soviets in Moldavia] Organizatsionno-massovaia rabota sel'skikh sovetov Moldavii. Kishinev, Gos. izd-vo "Kartia moldovenieske," 1959. 140 p.
(NNC)

BABII, B. M. [The Soviet Ukrainian state during the reconstruction of the national economy, 1921-1925] Ukrains'ka Radians'ka derzhava v period vidbudovy narodnoho hospodarstva, 1921-1925 rr. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 383 p.

BAGRIANTSEV, A. G. [History of the Communist Youth League in Semirech'ye] Iz istorii Semirechenskogo komsomola. Alma-Ata, Kazakhskoe Gos. izd-vo, 1960. 35 p.

BIELOUSOV, S. M. [CPSU, inspirer and organizer of the building of communism in the Ukraine] KPRS, natkhnennyk i organizator komunistychnoho budivnytstva na Ukraini. Kyiv, Akad. nauk URSR, 1960. 58 p.
(MH)

BONDAROVSKAIA, E. M., and M. I. GORBUNOVA. [Second Congress of the Russian Social Democratic Party. The rise of the Bolshevik party. Development of the struggle against the Mensheviks for the strengthening of the party] II s"ezd RSDRP. Voznikovenie partii bol'shevikov. Razvertyvanie bor'by protiv men'shevikov za ukreplenie partii. Kiev, 1960. 16 p.
(MH)

BUCK, TIM. [Our fight for Canada; selected works 1923-1950. Translated from the English] Nasha bor'ba za Kanadu; izbrannye proizvedeniia, 1923-1950. Moskva, Izd-vo inostr. lit-ry, 1961. 430 p.

BURIAT A. S. S. R. Verkhovnyi Sovet. [The Buryat A. S. S. R.; administrative and territorial divisions as of July 1, 1960] Buriatskaia ASSR; administrativno-territorial'noe delenie na 1 iiulia 1960 goda. Ulan-Ude, Buriatskoe knizhnoe izd-vo, 1960. 84 p.
(MH)

BURMISTROVA, T. IU. [Lenin's policy of proletarian internationalism during the establishment of the Russian Social Democratic Party] Leninskaia politika proletarskogo internatsionalizma v period obrazovaniia RSDRP, 1894-1903 gg. [Leningrad] Izd-vo Leningr. univ., 1962. 318 p.

CHERNIAVSKII, K. S. [The party bureau, an organ of collective leadership] Partiinoe biuro, organ kollektivnogo rukovodstva. [Leningrad] Lenizdat, 1960. 49 p. (Bibliotechka sekretaria partiinoi organizatsii)
(NNC)

CHERNOMORSKII, M. N. [How to use memoirs in studying the history of the CPSU] Rabota s memuarami pri izuchenii istorii KPSS. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 133 p.

[THE DIPLOMATIC CROPS IN MOSCOW] Diplomaticheskii korpus v Moskve. [n. p.] M-vo inostr. del SSSR, ianvar, 1962. 143 p.

DROBIAZKO, S. G. [Committees of the Supreme Soviets of the Union Republics; based on the experience of the White Russian S. S. R.] Komissii Verkhovnogo Soveta soiuznoi respubliki; iz opyta BSSR. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 74 p.

FAKTOROVICH, D. E., and B. P. MITSKEVICH. [History of the press of foreign Communist and labor parties] Istoriia pechati zarubezhnykh Kommunisticheskikh i rabochikh partii, uchebnoe posobie. Minsk, Izd-vo Belgosuniv., 1960. 94 p.
(WU)

[FREEDOM FOR ANGOLA! Translated from the French] Svobodu Angole. Moskva, Gos. izd-vo polit. lit-ry, 1961. 86 p.

[FROM THE HISTORY OF THE INTERNATIONAL SOLIDARITY OF THE PROLETARIAT; documents and materials] Iz istorii mezhdunarodnoi proletarskoi solidarnosti, dokumenty i materialy. Glav. red. G. A. Belov i dr. Moskva, Izd-vo "Sovetskaia Rossiia."
Vol. 5. [Workers' international solidarity in the struggle against fascism and the unleashing of the Second World War, 1933-1937] Mezhdunarodnaia solidarnost' trudiashchikhsia v bor'be s fashizmom, protiv razvyazyvaniia Vtoroi Mirovoi voiny, 1933-1937. 1961. 549 p.

GAVRILIUK, V. V. [Disintegration of the French colonial empire, the state-owned monopolistic enterprises of French imperialism in the colonies] Raspad frantsuzskoi kolonial'noi imperii, gosudarstvenno-monopolisticheskie meropriiatiia frantsuzskogo imperializma v koloniiakh. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1962. 229 p.

GRANOV, V. D. [A congress of peace and creative plans] S"ezd mira i sozidaniia. Moskva, Izd-vo "Znanie," 1962. 15 p. (Novoe v zhizni, nauke, tekhnike. Serila 7. Mezhdunarodnaia, no. 2)

HANUSETS', O. I. [Turkish governmental system in the period of the Turkish Republic] Derzhavnyi ustrii Turechchyny v period respubliky. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 94 p.

IAKHIN, R. KH. [P. I. Pestel' and his views on the state and law] Gosudarstvenno-pravovye vzgliady P. I. Pestelia. [Kazan'] Izd-vo Kazanskogo univ., 1961. 211 p.

KÁDÁR, JÁNOS. [Selected articles and speeches, 1957-1960] Izbrannye stat'i i rechi, 1957-1960 gody. Moskva, Gospolitizdat, 1960. 642 p.
(IEN)

KAPCHENKO, N. I. [Foreign policy of socialist countries is the policy of peace] Vneshniaia politika sotsialisticheskikh stran - politika mira. Moskva, Izd-vo In-ta mezhdunarodnykh otnoshenii, 1961. 119 p.

KOMITET OSVOBOZHDENIIA NARODOV ROSSII. [Manifesto of popular will] Manifest voli narodnoi. Munich, Izd-vo TsB SBONRa, 1960. 19 p.
(NNC)

KOMMUNISTICHESKAIA PARTIIA SOVETSKOGO SOIUZA. *22 s"ezd, Moscow, 1961.* [The 22d Congress of the Communist Party of the Soviet Union, Moscow, 1961. Verbatim report] Stenograficheskii otchet. Moskva, Gos. izd-vo polit. lit-ry.
Vol. 3. 1962. 592 p.

KOMMUNISTICHESKAIA PARTIIA UKRAINY. 22. s"ezd, Kiev, 1961. [Materials of the 22d Congress of the Communist Party of the Ukraine] Materialy ... Kiev, Gos. izd-vo polit. lit-ry USSR, 1961. 119 p.

KOZLOV, V. K. [Triumph of the Lenin nationalities policy of the CPSU] Torzhestvo leninskoi natsional'noi politiki KPSS. Moskva, Gos. izd-vo polit. lit-ry, 1960. 94 p.

LA BOETIE, ESTIENNE DE. [Discourse on voluntary servitude. Translated from the French] Rassuzhdenie *o dobrovol'nom rabstve. 2. izd. Perevod i kommentarii* F. A. Kogan-Bernshtein. Moskva, Izd-vo Akad. nauk SSSR, 1962. 145 p. (Akademiia nauk SSSR. Literaturnye pamiatniki)

LARIN, V. I. [Communist Youth League of Kazakhstan at construction projects of the seven-year plan] Komsomol Kazakhstana na stroikakh semiletki. Alma-Ata, Ob-vo po raspr. polit. i nauchn. znanii Kazakhskoi SSR, 1960. 47 p.

LASHIN, A. G. [The Constitution of the U. S. S. R.] SSSR Konstitutsiiasy. Frunze, Kyrgyz mamlekettik okuu-pedagogika basmasy, 1961. 134 p. [In Kirghiz]

LATVIAN S. S. R. Augstaka Padome. [Meetings of the Fifth Soviet of the Latvian S. S. R., first session, March 16-17, 1959; verbatim report] Sedes, stenografiska parskats. Zasedaniia Verkhovnogo Soveta Latviiskoi SSR, piatogo sozyva, pervaia sessiia 16-17 marta 1959 goda; stenograficheskii otchet. Riga, Latvijas Valsts izdevnieciba, 1959. 345 p. [Parallel texts in Latvian and Russian]

LATVIAN S S R Augstaka Padome [Meetings of the Fourth Supreme Soviet of the Latvian S S R , tenth session, January 14-15, 1959 ; verbatim report] Sedes, stenografisks parskats Zasedaniia Verkhovnogo Soveta Latvitskoi SSR, chetvertogo sozyva, desiataia sessiia 14-15 ianvaria 1959 goda, stenograficheskii otchet Riga, Latvijas Valsts izdevniecība, 1959 294 p [Parallel texts in Latvian and Russian]

LATVIJAS KOMUNISTISKA PARTIJA Partijas vesturis instituts, Riga [Historical outline of the Latvian Communist Party,] Latvijas Komunistiskas partijas vesture apcerejumi Riga, Latvijas Valsts izdevniecība [In Latvian]
Vol I 1893-1919 1961 151 p

LENIN, V. I [Lenin on propaganda] Lenin o propagande i agitatsii Izd 2 Moskva, Gos izd-vo polit lit-ry, 1962 420 p

LEVIN, L. A [Bibliography of bibliographies of the works of K Marx, F. Engels, and V. I Lenin] Bibliografiia bibliografii proizvedenii K. Marksa, F. Engel'sa, V. I. Lenina Moskva, Gos. izd-vo polit. lit-ry, 1961. 438 p.

LEVITIN, S A [Complete and final victory of socialism in the U. S. S. R., the triumph of Leninism] Polnaia i okonchatel'naia pobeda sotsializma v SSSR - triumf leninizma Moskva, Sovetskii Rossiia, 1960 94 p.
(CSt-H)

LISNIAK, V. [Heroic Cuba] Heroichna Kuba Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1961. 67 p

LUK'IANOV, A I , and B M LAZAREV [Soviet state and public organizations] Sovetskoe gosudarstvo i obshchestvennye organizatsii Izd 2 , perer. i dop Moskva, Gos izd-vo iurid lit-ry, 1961. 320 p

MAKAROV, L P , and N F GOLOVANOV [Bonn as a center of aggression and revanchism] Bonn - ochag agressii i revansha Moskva, Voen izd-vo M-va obor SSSR, 1962 127 p

MEL'VILDEV, A M [Secretariat of the U N and the demands of our time] Sekretariat OON i trebovaniia sovremennosti Moskva, Izd-vo In-ta mezhdunarodnykh otnoshenii, 1962. 16 p

MEL'NIKOV, A. N., and F SH. TREIVUS. [V I. Lenin's criticism of the revisionary "theories" of imperialism and their significance for the present time] Kritika V I. Leninym revizionistskikh "teorii" imperializma i ee znachenie dlia sovremennosti [Leningrad] Lenizdat, 1962 261 p.

MEL'NIKOVA, I N [The class struggle in Czechoslovakia in 1924-1929] Klassovaia bor'ba v Chekhoslovakii v 1924-1929 gg Moskva, Izd-vo Akad. nauk SSSR, 1962 440 p

[MILITANT PATH OF THE COMMUNIST YOUTH LEAGUE OF KABARDINO-BALKARIA, collected articles and reminiscences] Boevoi put' Komsomola Kabardino-Balkarii, sbornik statei i vospominanii. Nal'chik, Kabardino-Balkarskoe knizhnoe izd-vo, 1960. 135 p.
(MH)

MILLERS, V. [Basic rights and obligations of Soviet citizens] Padomju pilsonu pamattiesibas un pienakumi. Riga, Latvijas Valsts izdevniecība, 1961. 102 p. [In Latvian]

MISHIN, A. A. [Parliament of the Republic of India] Parlament Respubliki Indii. [Moskva] Izd-vo Mosk. univ , 1961 70 p.

[MODEL CURRICULA, systems of Communist Youth League political education for the 1959-1960 school year] Planuri-le-model de invetseture pentru sistemu invetsemvntului politik komsomolist, pentru anul de invetsemynt 1959/60 Kishineu, Editura de partid a komitetului chentral at KP al Moldovei, 1959. 30 p [In Moldavian]

MODZHORIAN, L. A. [The policy of neutrality] Politika neitraliteta Moskva, Izd-vo "Znanie," 1962. 31 p. (Novoe v zhizni, nauke, tekhnike. Seriia 7: Mezhdunarodnaia, no. 3)

MOSCOW. AKADEMIIA OBSHCHESTVENNYKH NAUK. [Program for studying the materials of the 22d Congress of the CPSU, for groups studying the theory of the foreign policy and international situation of the U. S. S. R., socialist building in the people's democracies, and the world liberation movement] Programa PSKP XXII kongresa materialu studesanai, PSRS arpolitikas un starptautiska stavokla, tautas demokratijas valstu socialistiskas celtniecibas, pasaules atbrivosanas kustibas studesanas teoretiskajiem seminariem. Riga, Latvijas Valsts izdevniecība, 1961. 19 p. [In Latvian]

MOSCOW. AKADEMIIA OBSHCHESTVENNYKH NAUK. [Program for studying the materials of the 22d Congress of the CPSU, for political schools and groups which study U. S. S. R. history, basic principles of Marxism-Leninism and current politics] Programa PSKP XXII kongresa materialu studesanai, politiskajam skolam un pulciniem, kas stude PSKP vesturi, marksisma-leninisma pamatus un aktualo politiku. Riga, Latvijas Valsts izdevniecība, 1962. 30 p [In Latvian]

NAUCHNAIA KONFERENTSIIA PO VOPROSAM ISTORII KPSS PERIODA VELIKOI OTECHESTVENNOI VOINY, Kiev, 1959. [Materials relating to the history of the CPSU during the Great Patriotic War] Voprosy istorii KPSS perioda Velikoi Otechestvennoi voiny, material, [Kiev] Izd-vo Kievskogo univ , 1961 311 p.

NIKITIN, I V. [Political work among workers at their homes] Politicheskaia rabota sredi trudiashchikhsia po mestu zhitel'stva. [Moskva] Mosk. rabochii, 1959. 46 p. (Bibliotechka partiinogo rabotnika)
(NNC)

[NOTEBOOK OF A PROPAGANDIST] Zapysna knyzhka propagandysta i agitatora Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1961 477 p

[OUR WORK IN THE COMMUNIST YOUTH LEAGUE] Komsomol'skie nashi dela Moskva, Izd-vo "Pravda, 1962. 78 p (Biblioteka "Komsomol'skoi pravdy," no 2)

PANOV, V. S [The feudal state and law] Feodal'noe gosudarstvo i pravo Moskva, M-vo vysshego i srednego spetsial'nogo obrazovaniia RSFSR, 1960. 36 p (Lektsii po kursu teorii gosudarstva i prava, no 7)
[MICROFILM]

PAVLOVSKII, R. S., and M A SHAFIR. [Administrative and territorial divisions in the U. S. S. R.] Administrativno-territorial'noe ustroistvo SSSR Moskva, Gos izd-vo iurid lit-ry, 1961. 125 p.

PERENYI, JOZSEF [Parties and the political struggle among the Serbs in Hungary, 1867-1900] Partii i politicheskaia bor'ba sredi serbov v Vengrii, 1867-1900. Budapest, 1960. 27 p. (Studia historica Academiae Scientiarum Hungaricae, 37) [With summary in French]
(CtY)

PISAREV, IU. A. [National liberation movement of the Yugoslav peoples of the Austro-Hungarian Monarchy, 1905-1914] Osvoboditel'noe dvizhenie iugoslavianskikh narodov Avstro-Vengrii, 1905-1914. Moskva, Izd-vo Akad. nauk SSSR, 1962 418 p

[PROBLEMS CONCERNING THE HISTORY OF THE COMMUNIST PARTY OF LITHUANIA] Voprosy istorii Kommunisticheskoi partii Litvy, sbornik statei v pomoshch' izuchaiushchim istoriiu KPSS. Vil'nius, Gos. izd-vo polit. i nauch. lit-ry Litovskoi SSR, 1961. 221 p.

[PROBLEMS OF THE COMMUNIST YOUTH LEAGUE IN THE SOVIET ARMY AND FLEET] Voprosy komsomol'skoi raboty v Sovetskoi Armii i Flote 3. ispr. i dop izd Moskva, Voen izd-vo M-va obor. SSSR, 1961 103 p. (Bibliotechka komsomol'skogo aktivista)

PROKOP'EV, N. P. [Principal problem of our time, problems of peace and war in present-day circumstances. Translated by A. Kans] Musdienu galvenais jautajums, par kara un miera problemam musdienu apstaklos Riga, Latvijas Valsts izdevniecība, 1961. 108 p. [In Latvian]

[QUESTIONS AND ANSWERS ON THE PEACE TREATY WITH GERMANY] Voprosy i otvety po germanskomu mirnomu dogovoru. [n. p., 1962] 40 p.

RUSSIA 1917- R. S. F. S. R. Constitution. [Constitution (fundamental law) of the Russian Soviet Federal Socialist Republic, with amendments adopted at the fifth session of the Fifth Supreme Soviet of the R. S. F. S. R.] Konstitutsiia (osnovnoi zakon) Rossiiskoi Sovetskoi Federativnoi Sotsialisticheskoi Respubliki, S izmeneniiami i dopolneniiami, priniatymi na piatoi sessii Verkhovnogo Soveta RSFSR, piatogo sozyva, Moskva, Gosiurizdat, 1962. 31 p.

RUSSIA (1923- U. S. S. R.) Constitution. [Constitution (fundamental law) of the Union of Soviet Socialist Republics, with amendments adopted at the seventh session of the Fifth Supreme Soviet of the U. S. S. R.] Konstitutsiia (osnovnoi zakon) Soiuza Sovetskikh Sotsialisticheskikh Respublik, S izmeneniiami i dopolneniiami, priniatymi na sed'moi sessii Verkhovnogo Soveta SSSR piatogo sozyva. Moskva, Gos. izd-vo iurid. lit-ry, 1962. 30 p.

RUSSIA (1923- U. S. S. R.) Constitution. [Constitution (fundamental law) of the Union of Soviet Socialist Republics, with amendments adopted at the seventh session of the Fifth Supreme Soviet of the U. S. S. R.] Konstytutsiia (osnovnyi zakon) Soiuzu Radians'kykh Sotsialistychnykh Respublik; iz zminami i dopovnenniamy, pryiniatymy na s'omii sesii Verkhovnoi Rady SRSR p'iatoho sklykannia Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1962 29 p.

RUSSIA (1923- U. S. S. R.) Upravlenie propagandy i obshchestvennykh nauk. [Materials for the lecture course on the history of the CPSU, themes 8, 9, and 10] Materialy k lektsiiam po kursu istorii KPSS, temy VIII, IX, X Moskva, Gos. izd-vo "Vysshaia shkola," 1961 265 p.

RUSSIA (1923- U. S. S. R.) Verkhovnyi Sovet [Meeting of the Fifth Supreme Soviet of the U. S. S. R., second session, December 6-8, 1961. Verbatim report] Zasedaniia Verkhovnogo Soveta SSSR piatogo sozyva, sed'maia sessiia (6-8 dekabria 1961 g.). Stenograficheskii otchet [Moskva] 1962 551 p

SHARIPOV, KASYM. [The United States is not for] Amerika alys emes Almaty, Kazak memleket baspasy, 1960. 79 p. [In Kazakh]

SHENDRIK, M. P. [Historical role of the dictatorship of the proletariat] Istoricheskaia rol' diktatury proletariata. Moskva, Izd-vo "Znanie," 1962. 46 p (Novoe v zhizni, nauke, tekhnike. II Seriia 1 fevralia)

SHEREMET, K F , and G. V. DARABASHI'V. [Organization and work of the soviets] Sovetskoe stroitel'stvo Moskva, Gos. izd-vo iurid. lit-ry, 1961. 431 p.

SMIRNOV, G. L. [Everybody must help build communism] Kommunizm - delo liazhdogo. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 63 p.

SOIUZ BOR'BY ZA OSVOBOZHDENIE NARODOV RO II Munich [Materials of the Plenum of R. S SBONR held during July, 1959] Materialy plenuma R S SBONR, iul' 1959 g. Munich [Izd-vo SBONR, 1959?] 32 p.
(NNC)

SOSNOV, V A. [Twenty-Second Congress of the C P S U and the present international situation. Translated by J. Levitans] PSKP XXII kongress un musdienu starptautisko stavokli. Riga, Latvijas Valsts izdevniecība, 1962 29 p [In Latvian]

SOVI'SHCHANIE PREDSTAVITELEI KOMMUNISTICHESKIKH I RABOCHIKH PARTII, Moscow, 1960 [Documents of the Conference of the Representatives of Communist and Workers' Parties in Moscow, November 1960] Dokumenty. Moskva, Gos. izd-vo polit lit-ry, 1960 63 p. (Bibliotechka po nauchnomu kommunizmu)

SVECHNIKOV, P. V. [Council on methods] Metodicheskii sovet Moskva, Gos izd-vo polit lit-ry, 1961 [4] p (Bibliotechka propagandista, no 4)

TKACHENKO, P. S. ["Land and liberty," an organization of revolutionary populists, 1876-1879] Revoliutsionno narodnicheskaia organizatsiia "Zemlia i volia" (1876-1879 gg.). Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 296 p

TUNAKOV, P. D. [Kazan today and tomorrow] Kazan' segodnia i zavtra. Izd. 2., dop. Kazan', Tatarskoe knizhnoe izd-vo, 1961. 59 p.

UKRAINE. Verkhovnyi Sovet. [Meetings of the Third Supreme Soviet of the Ukrainian S. S. R., first session, April 15-17, 1959; verbatim report] Zasedaniia Verkhovnogo Soveta Ukrainskoi SSR, pitogo sozyva, pervaia sessiia, 15-17 aprelia 1959 goda Stenograficheskii otchet. Kiev, Gos. izd-vo polit. lit-ry USSR, 1959. 203 p.
(NjP)

UTEMBETOV, S. [Formation of the Kazakh socialist nation] Kazak sotsialistik ultynin kalyptanuy. Almaty, Kazak memleket baspasy, 1960. 99 p. [In Kazakh]

VASIL'EV, V. I. [What a deputy should know] Chto nuzhno znat' deputatu. Moskva, Sovetskaia Rossiia, 1961. 61 p.
(CSt-H)

VASINA, E. L. [Origin of our party] Kak voznikla nasha partiia. Moskva, Izd-vo "Znanie," 1961. 39 p (Narodnyi universitet kul'tury. Obshchestvenno-politicheskii fakul'tet, no 16)

VISHNIAKOV, V. G. [How the executive committees of local soviets receive their constituents] Priem izbirateli v ispolkomakh mestnykh Sovetov. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 39 p.

VLADIMIROV, L. S. [The beacon of friendship, Port Akhmadi, Yemen] Maiak druzhby (Port Akhmadi, Iemen). Moskva, Gos. izd-vo polit. lit-ry, 1962 30 p.

ZAIKIN, A. N. [Struggle of the U. S. S. R. for general and complete disarmament] SSSR zhappai zherde tolyk karusyzdanu zholyndagy kuresto. Almaty, 1960. 44 p. [In Kazakh]

ZASHKIL'NIAK, A. S. [V. I. Lenin's struggle to consolidate the Bolshevik Party after the Second Congress of the Russian Social Democratic Party] Borot'ba V. I. Lenina za zmitsnennia Bil'shovits'koi partii pislia II z'izdu RSDRP. [L'viv] Vyd-vo L'vivs'koho univ., 1960. 150 p. (NNC)

7. LAW

AKADEMIIA NAUK SSSR. Institut gosudarstva i prava. [Legal status of collective farms in the U. S. S. R.] Pravovoe polozhenie kolkhozov v SSSR. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 378 p.

AKADEMIIA NAUK SSSR. Institut gosudarstva i prava. [Present-day labor laws of imperialist states in the service of monopolies; collected studies] Sovremennoe trudovoe zakonodatel'stvo imperialisticheskikh gosudarstv na sluzhbe monopolii; ocherki. Moskva, Izd-vo Akad. nauk SSSR, 1962. 333 p.

AKADEMIIA NAUK URSR, Kiev. Sektor derzhavy i prava. [Five hundred questions and answers relating to Soviet law, a legal reference book for the Soviet people] 500 zapytan' i vidpovidei z radians'koho zakonodavstva, iurydychnyi dovidnyk dlia naselennia. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 363 p.

ARKHIPOV, V. D., and KHOREV, P. S. [Responsibility for damage to crops and injuries to plantings caused by livestock] Otvetstvennost' za potravy posevov i povrezhdenila nasazhdenii. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 30 p.

BOGUSLAVSKII, M. M. [Bourgeois patent law and Soviet legal rules which protect the rights of inventors] Burzhuaznoe patentnoe pravo i sovetskoe izobretatel'skoe pravo. Moskva, Tsentr. biuro tekhn. informatsii, 1960. 54 p. (V pomoshch' rabotnikam po izobretatel'stvu i ratsionalizatsii)

BYCHKOVA, TS. V., and V. L. MUNTIAN. [Legal problems in the work of inter-farm enterprises] Pravovi pytannia dilal'nosti mizhkolhospnykh ob'iednan'. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 95 p.

EGOROV, K. F., and G. L. SHMIGEL'SKII. [The legal problems of salvage] Pravovye voprosy okazaniia pomoshchi i spasaniia na more. Moskva, Izd-vo "Morskoi transport," 1961. 146 p.

EGOROVA, M. N. [The labor law of India] Trudovoe zakonodatel'stvo v Indii. Moskva, Izd-vo vostochnoi lit-ry, 1962. 153 p.

ESTONIAN S. S. R. Laws, statutes, etc. [Criminal code of Estonia] Ugolovnyi kodeks Estonskoi SSR. Tallin, Estonskoe gos. izd-vo, 1961. 186 p. (DS)

GONCHAROV, A. F. [Soviet state and law during the reconstruction of the national economy of the U. S. S. R., 1921-1925] Sovetskoe gosudarstvo i pravo v period vosstanovleniia narodnogo khoziaistva SSSR, 1921-1925; lektsii dlia studentov VIUZI. Moskva, M-vo vysshego i srednego spetsial'nogo obrazovaniia RSFSR.
No. 3. 1960. 77 p.

GORDON, M. V. [Lectures on Soviet civil law] Lektsii po sovetskomu grazhdanskomu pravu. Khar'kov, Izd-vo Khar'kovskogo gos. univ., 1960. 345 p. (MIU)

IAMPOL'SKAIA, TS. A., A. V. LUZHIN, and A. S. PRIBLUDA. [Legal problems concerning the organization and work of economic councils] Pravovye voprosy organizatsii i deiatel'nosti sovnarkhozov. Moskva, Izd-vo Akad. nauk SSSR, 1961. 326 p.

KARPETS, I. I. [Individualization of punishment in Soviet criminal law] Individualizatsiia nakazaniia v sovetskom ugolovnom prave. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 149 p.

KAZAKH S. S. R. Laws, statutes, etc. [Criminal code of the Kazakh S. S. R.] Kazakh SSR-inin kylmystyk kodeksi. Almaty, Kazakh memleket baspasy, 1960. 67 p. [In Kazakh]

KEILIN, A. D. [Judicial system and civil procedure of capitalist countries] Sudoustroistvo i grazhdanskii protsess kapitalisticheskikh gosudarstv. Moskva, Vneshtorgizdat,
Pt. 3. [Arbitration] Arbitrazh. 1961. 309 p.

LAURINAVICIUS, STANISLOVAS., and S. P. BYKOV. [They were tried by their friends. Translated from the Lithuanian] Tovarishchi sudiat. Vil'nius, Gos. izd-vo polit. lit-ry Litovskoi SSR, 1961. 29 p.

LENINGRAD. UNIVERSITET. [V. I. Lenin on the state and law] V. I. Lenin o gosudarstve i prave. [Leningrad] 1961. 249 p.

LIEDE, A. [Role of the public in criminal procedure, some remarks on the most important social principles and rules of the criminal procedure code of the Latvian S. S. R.] Sabiedribas loma kriminalprocesa, piezimes par Latvijas PSR kriminalprocesa kodeksa sabiedriski nozimigakajiem institutiem un noteikumiem. Riga, Latvijas Valsts izdevnieciba, 1961. 86 p. [In Latvian]

LISOVSKII, V. I. [International law] Mezhdunarodnoe pravo. 2. izd. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 483 p.

MESHERA, V. F. [Maritime law; general losses during the maritime transportation of freight] Morskoe pravo, obshchie ubytki pri morskoi perevozke gruza. Moskva, Izd-vo "Morskoi transport."
No. 5. 1962. 29 p.

[MONUMENTS OF RUSSIAN LAW] Pamiatniki Russkogo prava. Moskva, Gos. izd-vo iurid. lit-ry.
Vol. 8 [Legal enactments of Peter I in the first quarter of the 18th century] Zakonodatel'nye akty Petra I, pervaia chetvert' XVIII v. 1961. 667 p.

MOSCOW. UNIVERSITET. Kafedra ugolovnogo protsessa. [Organization of the judicial system and public prosecution in the U.S.S.R.] Organizatsiia suda i prokuratury v SSSR. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 308 p.

MUNTIAN, V. L. [How Soviet administrative law protects the property of collective farms] Administrativno-pravova okhorona kolhospnoi vlasnosti. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 149 p.

PETROV, V. V. [Legal status of the indivisible assets of collective farms] Pravovoe polozhenie nedelimogo fonda kolkhoza. [Kazan'] Izd-vo Kazanskogo univ., 1961. 42 p.

[PROBLEMS OF INTERNATIONAL LAW, international organizations] Voprosy mezhdunarodnogo prava, mezhdunarodnye organizatsii. Moskva, Izd-vo In-ta mezhdunarodnykh otnoshenii, 1961. 130 p.

RAKHUNOV, R. D. [Parties in Soviet criminal procedure] Uchastniki ugolovno-protsessual'noi deiatel'nosti po sovetskomu pravu. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 276 p.

RUSSIA (1923- U. S. S. R.) Laws, statutes, etc. [Statute on elections to the Supreme Soviet of the U. S. S. R. Adopted by decree of the Presidium of the Supreme Soviet of the U. S. S. R., January 9, 1950. With amendments introduced by decree of the Supreme Soviet of the U. S. S. R., December 27, 1951] Polozhenie o vyborakh v Verkhovnyi Sovet SSSR. Utverzhdeno Ukazom Prezidiuma Verkhovnogo Soveta SSSR ot 9 ianvaria 1950 g. S izmeneniiami i dopolneniiami, vnesennymi Ukazom Prezidiuma Verkhovnogo Soveta SSSR ot 27 dekabria 1951 g. Moskva, Gos. izd-vo iurid. lit-ry, 1962. 29 p.

RUSSIA (1923- U. S. S. R.) Laws, statutes, etc. [Theoretical and practical commentaries on the law of criminal responsibility for political crimes and offenses] Nauchno-prakticheskii komentarii k zakonu ob ugolovnoi otvetstvennosti za gosudarstvennye prestupleniia. [By] V. D. Men'shagin, B. A. Kuzinov. Otvet red. P. S. Romashkin. 2., pererab. izd. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 111 p.

TKACHENKO, IU. G. [Implementa
Soviet socialist law] Primenen
sotsialisticheskogo prava. Mo
srednego spetsial'nogo obrazov
45 p. (Lektsii po kursu teorii g
no. 18)
[M

TURKMEN S. S. R. Laws, statutes
elections to the district (city) p
Turkmen S. S. R. Adopted by d
of the Supreme Soviet of the Tu
28, 1960] Polozhenie o vyborah
skikh) narodnykh sudov Turkm
Ukazom Prezidiuma Verkhovn
SSR ot 28 oktiabria 1960 goda.
skoe Gos. izd-vo, 1960. 19 p.

TURUBINER, A. M. [Problems ir
tive-farm law] Voprosy teorii l
Moskva, Gos. izd-vo iurid. lit-

VOLKOV, V. F., and L. N. GORE
fits for those who work in the
L'goty rabotnikam Krainego Se
izd-vo iurid. lit-ry, 1961. 54
zakonodatel'stvu)

8. EDUCATION

AKADEMIIA PEDAGOGICHESKIKH NAUK RSFSR, Moscow. [Soviet schools at the present stage, some results of school reorganization in the period from the 20th to the 22nd Congress of the CPSU] Sovetskaia shkola na sovremennom etape, nekotorye itogi perestroiki shkoly v period ot XX do XXII s"ezda KPSS. Pod red. I. A. Katrova. Moskva, 1961. 286 p.

AKHMETOV, KARKEN. [Physical education and sports in Kirgizstan during the last 40 years] Kazakhstannyn fizkul'tura men sporty 40 zhylda. Almaty 1960. 45 p. [In Kirghiz]

BARU, I. V. [Olympic year 1960, Squaw Valley, Rome] God Olimpiiskii 1960, Skvo-Velli, Rim. Moskva, Izd-vo "Fizkul'tura i sport," 1961. 247 p. illus.

[BASKETBALL, its rules] Basketbol, pravila sorevnovanii. Moskva, Izd-vo "Fizkul'tura i sport," 1961. 62 p.

BONDAREVSKAIA, T. N. [Pedagogical tact] Pedagogicheskii takt. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 76 p.

BORISOV, I. B. [The way to strength] Put' k sile. Moskva, Izd-vo "Fizkul'tura i sport," 1961. 85 p. (Bibliotechka "Fizkul'tura i zdorov'e")

BUTUSOV, M. P. [Soccer in the U. S. S. R.] Futbol v SSSR. Leningrad, Ob-vo po rasprr polit i nauchn znanii RSFSR, 1961. 65 p.

CHUMAKOV, P. A., ed. [Hockey] Khokkei. Moskva, Izd-vo "Fizkul'tura i sport," 1961. 157 p.

D'IACHKOV, A. I. [Systems of educating deaf children] Sistemy obucheniia glukikh detei. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1961. 244 p. (Pedagogicheskaia biblioteka uchitelia)

DUDKO, A. P. [From the history of pedagogical education in Abkhazia] Iz istorii pedagogicheskogo obrazovaniia v Abkhazii. [Sukhumi] Abgosizdat, 1961. 125 p.

GROMOV, A. P. [Filmstrips and motion pictures in mathematic lessons in secondary schools, teachers' manual] Diafil'my i kino na urokakh matematiki v srednei shkole, posobie dlia uchitelei. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 94 p.

GUROVICH, E. D., and IU. I. PORTNYKH. [Seven-man fieldball; a manual for teachers and trainers] Ruchnoi miach 7-7, posobie dlia uchitelei i trenerov. Leningrad, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 130 p.

GURVICH, A. S. [Chess problems] Etiudy. Moskva, "Fizkul'tura i sport," 1961. 188 p. (NN)

KERAMINAS, S. A., ed. [Basketball] Basketbol. Moskva, Izd-vo "Fizkul'tura i sport," 1961. 199 p.

KIEV. POLITEKHNICHESKII INSTITUT. [From the history of the Kiev Technical Institute, collection of documents and materials] Iz istorii Kievskogo politekhnicheskogo instituta, sbornik dokumentov i materialov. Kiev, Izd-vo Kievskogo univ.
Vol. 1. 1898-1917 gg. 1961. 386 p.

KORIENTS, A. N. [School of chess] Shkola shakhmatnoi

MIKENAS, V. [Thirty five years at the chessboard] 35 metai prie sachmatu lentos. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 247 p. [In Lithuanian]

MUKANOV, M. M. [Training students' attention] Okushylardyn zeiinin tarbieleu. Almaty, Kazaktyn memlekettik oku-pedagogika baspasy, 1960. 88 p. [In Kazakh]

NEVSKII, IU. G. [Learn to dance on skates, ten simple dances on the ice] Uchites' tantsevat' na kon'kakh, desiat' prostykh tantsev na l'du. Moskva, Izd-vo "Fizkul'tura i sport," 1961. 55 p.

OZOLIN, N. G. [The athlete's warm-up] Razminka sportsmena. Moskva, "Fizkul'tura i sport," 1961. 38 p. (Bibliotechka sportsmena)

PANOV, V. N. [Course on openings, practical manual for higher rank chess players with 75 selected games of grand masters and masters] Kurs debiutov, prakticheskoe rukovodstvo dlia shakhmatistov vysshikh razriadov s 75 izbrannymi partiiami grossmeistrov i masterov. 3., pererab. i dop. izd. Moskva, Izd-vo "Fizkul'tura i sport," 1961. 383 p. (Biblioteka shakhmatista)

PETROV, N. I. [Skating] Kon'kobezhnyi sport. Moskva, Izd-vo "Fizkul'tura i sport," 1961. 307 p.

SHABAEVA, M. Г., ed. [History of pedagogics, textbook for preschool normal schools] Istoriia pedagogiki, uchebnoe posobie dlia doshkol'nykh pedagogicheskikh uchilishch. Izd. 3., ispr. i dop. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 379 p.

SHARIPOV, A. [Forty years of the public education of Kazakhstan] Narodnoe obrazovanie Kazakhstana za 40-let. Alma-Ata, Ob-vo po rasprostraneniiu polit. i nauchn. znanii Kazakhskoi SSR, 1960. 47 p.

SHCHELOVANOV, N. M. and N. M. AKSARINA, eds. [Training small children in children's institutions] Vykhovannia ditei rann'ogo viku v dytiachykh zakladakh. 4 vyd. Kyiv, Derzh. med. vyd-vo URSR, 1961. 311 p.

SMOLIN, IU. N. [Lapta, an aid for the instructor and trainer] Lapta, v pomoshch' instruktoru i trenera. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 55 p.

STEPANENKO, E. P. [Skating, a beginner's textbook for physical-training groups] Kon'kobezhnyi sport, uchebnoe posobie dlia sektsii kollektivov fizicheskoi kul'tury (dlia zaniatii s nachinaiushchimi). 2. izd. Moskva, Izd-vo "Fizkul'tura i sport," 1961. 176 p. (V pomoshch' instruktoru obshchestvennika)

STOLIAROV, IU. S. [Let's teach students present-day technology, reorganizing the extracurricular work on technology] Shkol'nikam - sovremennuiu tekhniku; o perestroike vneklassnoi raboty po tekhnike. Moskva, Izd-vo "Znanie," 1962. 31 p. (Novoe v zhizni, nauke, tekhnike. Seriia II: Pedagogika, no. 3)

SUSHKOV, M. P. [Soccer; manual for section of physical education groups (exercises for beginners)] Futbol; uchebnoe posobie dlia sektsii kollektivov fizicheskoi kul'tury (dlia zaniatii s nachinaiushchimi). 3., pererab. i dop. izd. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1961. 235 p. (V pomoshch' instruktoru-obshchestvenniku)

[SWIMMING, rules of competition] Plavanie, pravila sorevnovanii. Utverzhdeno TSentral'nym sovetom Soiuza sportivnykh obshchestv i organizatsii SSSR 13 aprelia 1961 goda. Moskva, Izd-vo "Fizkul'tura i sport," 1961. 30 p.

TAMBIAN, N. B. [Self-control in the athlete] Samokontrol' sportsmena. Moskva, Izd-vo "Fizkul'tura i sport," 1961. 55 p. (Bibliotechka sportsmena)

TOKPANOV, KH. M., and M. P. TSUKANOV. [Universities of culture] Universitety kul'tury. Alma-Ata, Kazakhskoe gos. izd-vo, 1960. 68 p.

VIT, A. IA., and V. G. VLADIMIROV. [Soccer abroad, 1960] Futbol za rubezhom, 1960 g. Moskva, Izd-vo "Fizkul'tura i sport," 1961. 238 p.

VOINOV, IU. N. [On soccer fields, a sportsman's notes] Na futbol'nykh meridianakh, zapiski sportsmena. Kyiv, Vyd-vo TsK LKSMU "Molod'," 1961. 191 p.

VOLIKOVA, T. V. [Daily routine in student's life] Rezhim dnia v zhizni shkol'nika. Pod red. I. F. Svadkovskogo. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1961. 91 p. (Knigi dlia roditelei)

[VOLLEYBALL, HANDBALL, the rules of the game] Tinklinis, ranklinis; varzybu taisykles. Pataisytas ir papildytas leidimas. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 113 p. [In Lithuanian]

ZINOV'EV, M. N., and A. V. Pleshakova. [How we carried out Lenin's decree] Kak byl vypolnen Leninskii dekret. Moskva, Gos. izd-vo polit. lit-ry, 1961. 126 p. (Iz istorii sovetskoi Rodiny)

9. MUSIC, THEATER & MOTION PICTURES

AKSIUK, S., ed. [Russian folk songs of Krasnoyarsk Territory] Russkie narodnye pesni Krasnoiarskogo kraia. Moskva, Sovetskii kompozitor.
No. 1. 1959.
(NN)

[AMATEUR THEATERS IN LVOV PROVINCE] Narodni teatry na L'vivshchyni. L'viv, [L'vivs'ke knyzhkovo-zhurnal'ne vyd-vo] 1960. 40 p. (Dekada ukrains'koi literatury ta mystetstva)
(MH)

ANDREEVA, M. F. [Correspondence. Reminiscences. Articles. Documents. Reminiscences on M. F. Andreeva] Perepiska. Vospominaniia. Stat'i. Dokumenty. Vospominaniia o M. F. Andreevoi. Moskva, Gos. izd-vo "Iskusstvo," 1961. 719 p.

BACHELIS, T. I. [The theater abroad] Teatr za rubezhom. Moskva, Izd-vo "Znanie," 1961. 38 p. (Narodnyi universitet kul'tury. Fakul'tet literatury i iskusstva, no. 20)

BALAKHONOV, E. P., O. V. SOLONIKOVA, and N. M. SHEREMET'EVA. [Songs we love, textbook for first-grade pupils] Rodnaia pesnia, uchebnoe posobie dlia uchashchikhsia 1 klassa. Izd. 2., perer. Leningrad, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 107 p.

BALAKIREV, M. A. [Russian folk songs for solo and piano accompaniment] Russkie narodnye pesni dlia odnogo golosa s soprovozhdeniem fortepiano. Red., predislovie, issledovanie i primechaniia E. V. Gippiusa. Moskva, Gos. muzykal'noe izd-vo, 1957. 375 p.
(NN)

BEREZOVS'KYI, I. P., M. S. RODINA, and V. H. KHOMENKO, comps. [Ukrainian folk art, historical songs] Ukrains'ka narodna tvorchist', istorychni pisni. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 1066 p.

BORMANE, OLGA. [Principles of stage speech] Skatuves *runas pamati*. Riga, Latvijas Valsts izdevnieciba, 1961. 152 p. [In Latvian]

BRIANTSEVA, V. N. [Rachmaninoff's "Second Piano Sonata."] Vtoraia fortepiannaia sonata Rakhmaninova. Moskva, Gos. muzykal'noe izd-vo, 1962. 15 p. (K Mezhdunarodnomu konkursu imeni P. I. Chaikovskogo)

BRIANTSEVA, V. N. [Rachmaninoff's "Variations on a theme of Corelli."] Variatsii Rakhmaninova na temu Korelli. Moskva, Gos. muzykal'noe izd-vo, 1961. 21 p. (K Mezhdunarodnomu konkursu imeni P. I. Chaikovskogo)

BYKOV, A. V. [Cello pieces composed by Glazunov] Violonchel'nye p'esy Glazunova. Moskva, Gos. muzykal'noe izd-vo, 1962. 47 p. (K Mezhdunarodnomu konkursu imeni P. I. Chaikovskogo)

CHUMAKOV, N. S. [Exercises in harmony] Zadachnik po garmonii. Baku, Azerbaidzhanskoe gos. muzykal'noe izd-vo, 1961. 81 p.

DANILEVICH, L. V. [Last operas of N. A. Rimskii-Korsakov] Poslednie opery N. A. Rimskogo-Korsakova. Moskva, Gos. muzykal'noe izd-vo, 1961. 278 p.

DOBIN, E. S. [Poetics of motion-picture art, narration and the metaphor.] Poetika kinoiskusstva, povestvovanie i metafora. Moskva, Gos. izd-vo "Iskusstvo," 1961. 220 p.

FOKINE, M. M. [The dying swan] Umiraiushchii lebed'. Vstup. stat'ia, publikatsiia i primechaniia G. Dobrovol'skoi. Pod red. IU. Slonimskogo. Leningrad, Gos. muzykal'noe izd-vo, 1961. 31 p. illus. (Sokrovishcha sovetskogo baletnogo teatra)

GAN, IA. I. [Mar'ian Mykhailovych Krushel'nyts'kyi, People's Actor of the U. S. S. R.] Mar'ian Mikhailovich Krushel'nitskii, narodnyi artist SSSR. Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry URSR, 1960. 46 p. (Dekada ukrains'koi literatury ta mystetstva)
(MH)

GLINKA, M. I. [Complete collected works] Polnoe sobranie sochinenii. Moskva, Gos. muzykal'noe izd-vo.
Vols. 1-9. 1955-58.
(NN)

[HOW VAST IS MY MOTHERLAND. . . ., collected songs with accordion accompaniment] Shiroka strana moia rodnaia. . . , sbornik pesen pod bajan. Moskva, Izd-vo "Sovetskaia Rossiia," 1962. 135 p. (Bibliotechka "Khudozhestvennaia samodeiatel'nost'," no. 1)

IRYNEVETS'KYI, I. O. [A. K. Vakhnianyn; an account of his life and works] A. K. Vakhnianyn, narys pro zhittia i tvorchist'. Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry URSR, 1961. 31 p.

IASHCHENKO, L. I. [Ukrainian folk part-songs] Ukrains'ke narodne bahatoholosia. Kyiv, Vyd-vo Akad. nauk URSR, 1962. 234 p.

IUSHIN, A. G. [Ter-Tatevosian's First Symphony, an explanation] Pervaia simfoniia D. Ter-Tatevosiana, poiasnenie. Moskva, Sovetskii kompozitor, 1960. 30 p.
(MH)

IUZHAK, K. I. [Piano sonatas of A. K. Glazunov] Fortepiannye sonaty A. K. Glazunova. Moskva, Gos. muzykal'noe izd-vo, 1962. 39 p. (Ko vtoromu Mezhdunarodnomu Konkursu im. P. I. Chaikovskogo)

KARAGICHEVA, L. V. [Azerbaijan S. S. R.] Azerbaidzhanskaia SSR. 2. izd. Moskva, Muzgiz, 1957. 161 p. (Muzykal'naia kul'tura soiuznykh respublik)
(NUC)

KHAICHENKO, G. A. Igor' Il'inskii. Moskva, Izd-vo Akad. nauk SSSR, 1962. 214 p.

KOLOVSKII, O. P., ed. [Russian folk songs] Russkie narodnye pesni. 2 izd. Leningrad, Gos. muzykal'noe izd-vo, 1959. 608 p.
(NN)

KRIUKOV, A. N. [Robert Schumann, 1810-1856, brief sketch of his life and works] Robert Shuman, 1810-1856; kratkii ocherk zhizni i tvorchestva. Leningrad, Gos. muzykal'noe izd-vo, 1961. 100 p. (Knizhka dlia iunoshestva)

LADYHINA, A. B. [The national character of Soviet art and White Russian music] Natsional'nyi sovetskaia maistatstva i belaruskaia muzyka. Minsk, Vyd-va Akad. navuk Belaruskai SSR, 1961. 191 p.

LEVINA, E. E. [Music, a recommended reading list] Muzyka, rekomendatel'nyi ukazatel' literatury. Moskva, Gos. izd-vo "Iskusstvo," 1960. 98 p. (Rekomendatel'nyi ukazatel', no. 9)

MAIBUROVA, K. V. [Russian musical literature] Rosiis'ka muzychna literatura; posibnyk dlia serednikh muzychnykh shkil ta muzychnykh uchylyshch. Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry URSR, 1961. 169 p.

MALYSHEV, IU. V. [Talks on opera] Besedy ob opere. Kiev, Sovetskii kompozitor Ukr. respublikanskoe otd-nie, 1961. 122 p.

MIKHEEVA, L. V. [M. A. Balakirev's "Islamey."] "Islamei" M. A. Balakireva. Moskva, Gos. muzykal'noe izd-vo, 1961. 19 p. (K Mezhdunarodnomu konkursu im. P. I. Chaikovskogo)

MUSORGSKII, M. P. [Boris Godunov, popular musical drama in four acts with a prologue adapted from Pushkin and Karamzin. Arrangement and instrumentation by N. A. Rimskii-Korsakov with additional scenes in the St. Basil Cathedral from the instrumentation by M. M. Ippolitov-Ivanov. The score] Boris Godunov, narodnaia muzykal'naia drama v chetyrekh deistviiakh s prologom po Pushkinu i Karamzinu. V red. i instrumentovke N. A. Rimskogo-Korsakova s dobavleniem stsen u sobora Vasiliia Blazhennogo v instrumentovke M. M. Ippolitova-Ivanova. Partitura. Izd. podgotovili I. Iordan i G. Kirkor. Moskva, Gos. muzykal'noe izd-vo, 1959. 2 v.
(CLSU)

MYLYCH, B. O. [Piano scores by Soviet Ukrainian composers written for children and youth] Fortepiannaia literatura ukrains'kykh radians'kykh kompozytoriv dlia ditei ta iunatstva. Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry URSR, 1961. 99 p.

MYSOVSKII, V. S., and V. B. FEIERTAG. [Jazz; a brief sketch] Dzhaz, kratkii ocherk. Leningrad, Gos. muzykal'noe izd-vo, 1960. 48 p.

NEST'EV, I. V. [The folk song as the foundation of music] Narodnaia pesnia kak osnova muzykal'nogo iskusstva. Moskva, Sovetskii kompozitor, 1961. 42 p. (V pomoshch' slushateliam narodnykh universitetov kul'tury. Iz opyta raboty narodnogo universiteta kul'tury Sverdlovskogo raiona g. Moskvy)

[NEW LYRICS, with an accordion accompaniment] Novye liricheskie pesni; v soprovozhdenii bajana. Moskva, Voen. izd-vo M-va oborony SSSR.
No. 3. 1961. 150 p.

OSSOVSKII, A. V. [Selected articles, reminiscences] Izbrannye stat'i, vospominaniia. Leningrad, Sovetskii kompozitor, 1961. 400 p.

ROSTOTSKII, B. I. [Stage-directing activities of V. E. Meierkhol'd] O rezhisserskom tvorchestve V. E. Meierkhol'da. Moskva, Vseros. teatral'noe ob-vo, 1960. 99 p.
(RPB)

RUSSIA (1923- U. S. S. R.) Vsesoiuznyi gosudarstvennyi fond kinofil'mov. [Soviet motion-picture plays; an annotated catalog] Sovetskie khudozhestvennye fil'my, annotirovannyi katalog. Moskva, Gos. izd-vo "Iskusstvo."
Vol. 3 [Supplements] Prilozhenila. 1961. 305 p.

SKARSKAIA, N. I., and P. P. GAIDEBUROV. [On the stage and in life, pages of an autobiography] Na stsene i v zhizni; stranitsy avtobiografii. Moskva, Gos. izd-vo "Iskusstvo," 1959. 306 p.
(ICU)

SOBOLEV, R. P. [People and motion-picture plays prior to the Russian revolution] Liudi i fil'my russkogo dorevoliutsionnogo kino. Moskva, Gos. izd-vo "Iskusstvo," 1961. 174 p.
(NN)

SOIUZ RABOTNIKOV KINEMATOGRAFII SSSR. [Educational motion pictures] Uchebnyi fil'm, sbornik statei. [Moskva] Gos. izd-vo "Iskusstvo," 1961. 203 p.

SOLSKI, LUDWIK. [Reminiscences. Translated from the Polish] Vospominaniia. Zapis' Al'freda Voitsitskogo. Moskva, Gos. izd-vo "Iskusstvo," 1961. 587 p.

[SONGBOOK] Pesennik. [Sost. Ol'ga Lozhkina. Kiev] Kievskoe knizhnoe izd-vo, 1960. 430 p.
(NNC)

STANISLAVSKII, K. S. [Ethics] Etika. Predislovie narodnogo artista SSSR A. D. Popova. Moskva, Izd-vo "Iskusstvo," 1962. 45 p. (Repertuar khudozhestvennoi samodeiatel'nosti, no. 1)

TERESHCHENKO, R. N. [Dmytro Omelianovych Miliutenko, People's Actor of the U. S. S. R.] Dmytro Omelianovych Miliutenko; narodnyi artist SRSR. Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry URSR, 1961. 45 p.

[THEATERS OF MOSCOW] Teatry Moskvy, spravochnik. 2., dop. izd. [Moskva] Mosk. rabochii, 1961. 169 p.

TIGRANOV, G. [A. Spendiarov; from letters and reminiscences] A. Spendiarov; po materialam pisem i vospominanii. Erevan, 1953. 180 p.
(CLU)

TKACHENKO, T. [Russian dances. Translated by H. Suna] Krievu dejas. [Riga] Em. Melngaila Tautas meklas nama, 1961. 114 p. [In Latvian]

TROITSKAIA, O. G. [Methodological instructions for grade three and four song collections] Metodicheskie ukazaniia k sbornikam pesen dlia III i IV klassov. Leningrad, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 70 p.

VAKHTANOV, E. B. [Evg. Vakhtanov; materials and articles] Evg. Vakhtanov; materialy i stat'i. [Sost. i red. L. D. Vendrovskaia] Moskva, Vseros. teatral'noe ob-vo, 1959. 466 p.
(NPV) (CoU)

VEPRIK, A. M. [Outline of styles in orchestration] Ocherki po voprosam orkestrovykh stilei. Moskva, Sovetskii kompozitor, 1961. 452 p.

VINOGRADOV, V. S. [Development of national music cultures in the U. S. S. R.] Voprosy razvitiia natsional'nykh muzykal'nykh kul'tur v SSSR; sbornik statei. Moskva, Sovetskii kompozitor, 1961. 302 p.

VOLKOV, A. I. [Violin concertos of Prokof'ev] Skripichnye kontserty Prokof'eva. Moskva, Gos. muzykal'noe izd-vo, 1961. 36 p. (K Mezhdunarodnomu konkursu im. P. I. Chaikovskogo)

YLA, STASYS. [How to understand music] Kaip suprasti muzika. Antrasis patalsytas ir papildytas leidimas. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 137 p. [In Lithuanian]

10. FINE ARTS

AKADEMIIA KHUDOZHESTV SSSR. [School of the fine arts; in nine parts] Shkoln izobrazitel'nogo iskusstva v deviati vypuskakh. Moskva.
No. 3. 1961. 192 p.

AKADEMIIA NAUK SSSR. Institut istorii iskusstv. [Yearbook, 1960; architecture and painting] Ezhegodnik, 1960; arkhitektura i zhivopis'. Moskva, Izd-vo Akad. nauk SSSR, 1961. 387 p.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut gradostroitel'stva i raionnoi planirovki. [Planning and building of large cities] Planirovka i zastroika bol'shikh gorodov. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 114 p.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut obshchestvennykh zdanii i sooruzhenii. [Instructions for planning small summer resort towns] Ukazaniia po proektirovaniiu letnikh gorodkov otdykha. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 13 p.

ALPATOV, M. V., and N. N. ROSTOVISLEV, comps. [Art, a book on the history of painting, sculpture, and architecture] Iskusstvo; kniga dlia chteniia po istorii zhivopisi, skul'ptury, arkhitektury. Izd. 2., ispr. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 518 p. illus.

ARKIN, D. E. [Sculptural images] Obrazy skul'ptury. Moskva, Gos. izd-vo "Iskusstvo," 1961. 186 p.

[ARTISTS OF TRANSCARPATHIA] Khudozhnyky Zakarpattia. Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry URSR, 1961. 17 p. plates.

BUDIANS'KA, T. M. [The Castle of Kamenets-Podol'skyi, an architectural monument from the 14th to the 18th century] Zamok u Kam'iantsi-Podil's'komu, pam'iatnyk arkhitektury XIV-XVIII st. st. Kyiv, Derzh. vyd-vo lit-ry z budivnytstva i arkhitektury URSR, 1961. 15 p. illus.

CHEREISKAIA, M. G. [Beauty of the home] O krasote zhilishcha. Moskva, Gos. izd-vo "Iskusstvo," 1961. 60 p. illus.

CHEREPANOV, L., and IU. CHEREPANOV. [Without superfluous words] Bez lishnikh slov. [Moskva] Mosk. rabochii, 1957. 55 p.
(NN)

CHERKASOVA, N. V. Gapar Alilevich Aitiev. Moskva, Sovetskii khudozhnik, 1961. 67 p. illus.

CIURLIONIS, M. K. 32 reprodukcijos. 32 reproductions. Vilnius, Valstybine grozines literaturos leidykla, 1961. xxiv p. plates.

DEINEKA, A. A. [Learn how to draw, conversations with drawing students] Uchites' risovat', besedy s izuchaiushchimi risovanie. Moskva, Izd-vo Akad. khudozh. SSSR, 1961. 222 p.

DEMOSFENOVA, G. L. [How a book is illustrated] Kak illiustrirovetsia kniga. Moskva, Izd-vo Akad. khudozh. SSSR, 1961. 64 p. (Biblioteka po izobrazitel'nomu iskusstvu dlia narodnykh universitetov kul'tury, khudozhestvennoi samodeiatel'nosti i shkol'nykh bibliotek)

EFIMOV, B. E. [Basic idea of the caricature] Osnovy ponimaniia karikatury. Moskva, Izd-vo Akad. khudozh. SSSR, 1961. 68 p. (Biblioteka po izobrazitel'nomu iskusstvu dlia narodnykh universitetov kul'tury, khudozhestvennoi samodeiatel'nosti i shkol'nykh bibliotek)

EISENSTEIN, S. M. Risunki. Drawings. Moskva, Gos. izd-vo "Iskusstvo," 1961. 224 p. [Parallel texts in Russian, French, and English]

ELIASS, K. [Honoré Daumier und Domje un vina laikmets. Riga, Izdevnieciba, 1960. 100 p. illu

[ENCYCLOPEDIC DICTIONARY O TION AND SPORTS IN THREE pedicheskii slovar' po fizicheskoi trekh tomakh. Moskva, Izd-vo
Vol. 1. Absoliutnyi rekord -

GE, N. N. [Reproductions] Reproc Izd-vo iskusstva, 1961. [14] p

GLADKOVA, E. S., L. V. EMINA, [The city of Pushkin; historical ments] Gorod Pushkin; istorike pamiatniki. [Leningrad] Lenir

IAKOVLEV, V. N. [On famous Rus art notes] O velikikh russkikh turno-khudozhestvennye zamet Moskva, Izd-vo Akad. khudozh. illus.

IVANOVA, A. P. [Sculpture and p Kingdom, sketches] Skul'ptura ocherki. Kiev, Izd-vo Akad. n illus.

KHALAMINSKII, IU. IA. A. Kanevskii [Moskva] Iskusstvo, 1961. 141 p.
(MH)

KOROMYSLOV, B. I. [Ivan Aleksandrovich Fomichev, a miniature painter of the Mstera school] Ivan Aleksandrovich Fomichev, khudozhnik-miniaturist Mstery. Moskva, Gosmestpromizdat, 1960. 21 p., plates (Mastera khudozhestvennykh promyslov)
(MH)

LANTSBERG, IU. S. [Improvement of courtyards] Blagoustroistvo dvorovykh territorii. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1961. 120 p.

LEBEDEVA, V. E. Boris Mikhailovich Kustodiev. [Moskva, Sovetskii khudozhnik, 1961] 88 p.
(MH)

LENINGRAD. ERMITAZH. [A. N. Voronikhin, the picture gallery in the Stroganov Palace] A. N. Voronikhin, kartinnaia galereia v Stroganovskom dvortse. Leningrad, Izd. Ermitazha, 1948. 7 p. illus. (Pamiatniki russkoi kul'tury, no. 14)
(NNC)

LENINGRAD. ERMITAZH. [Paul Gavarni, 1804-1866, catalog of his prints on exhibition] Pol' Gavarni, 1804-1866, katalog vystavki estampov. Leningrad, Izd-vo Gos. Ermitazha, 1961. 58 p. illus.

LUNACEK, JOSEF. [Elements of drawing from nature. Translated from the Czech] Osnovy izobrazheniia s natury. Kiev, Izd-vo Akad. nauk USSR, 1961. 124 p.

MOROZOVA, A. S. [Machine embroidery in Uzbekistan] Mashinnaia dekorativnaia vyshivka Uzbekistana. Tashkent, Goslitizdat UzSSR, 1960. 66 p. (Tvorchestvo narodnykh masterov Uzbekistana)
(MH)

MOSCOW. GOSUDARSTVENNAIA TRET'IAKOVSKAIA GALLEREIA. [Guidebook, the art of the second half of the 19th century] Putevoditel', iskusstvo vtoroi poloviny XIX veka. Moskva, "Iskusstvo," 1959. 325 p.
(RPB)

OVCHYNNYKOV, V. T. [From a spark to a flame; paintings] Z iskry - polum'ia; kartyny. [Kyiv] Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry URSR, 1961. 12 p. plates.

PAVLOVSKII, B. V. Aleksandr Filippovich Burak. [Sverdlovsk] Sverdlovskoe knizhnoe izd-vo, 1960. 38 p.
(MH)

PETROV-DUBROVSKII, A. A. [Albrecht Duerer in quest of truth, a biographic sketch] Iskatel' pravdy Al'brekht Diurer, biograficheskaia povest'. Moskva, Gos. izd-vo detskoi lit-ry M-va prosv., RSFSR, 1961. 70 p. illus.

PROROKOVA, S. A. Levitan. Moskva, Molodaia gvardiia, 1960. 236 p. (Zhizn' zamechatel'nykh liudei. Seriia biografii, no. 20(310))
(CLU)

REMPEL', L. I. [Architectural ornament in Uzbekistan, history of its development and a theory of its construction] Arkhitekturnyi ornament Uzbekistana; istoriia razvitiia i teoriia postroeniia. Nauchn. red. G. A. Pugr
lit-

[SOVIET LITHUANIAN ART, sculpture] Lietuviu tarvlone dailė, skulptura. [Kaunas] Valstybine politines ir mokslines literaturos leidykla, 1961 xxxii p

TEDER KRISTJAN [Kristjan Teder, 1901-1960, a catalog of his works] Kristjan Teder, 1901-1960, katalog Tartu, 196? 40 p illus

UPITIS, PETERIS [Reproductions] Reprodukcijas Riga, Latgosizdat, 1961. [3] p plates.

VISHNEVSKAIA, V. M. [Wood carving and painting on wood] Russkaia narodnaia rez'ba i rospis' po dереvu Moskva, Vses koop izd-vo, 1959 30 p. (Khudozhestvennye promysly RSFSR)
(RPB)

ZHOHOL', L. IA [Summer homes] Zhytla dlia litn'oho vidpochynku Kyiv, Derzh vyd-vo lit-ry z budivnytstva i arkhit URSR, 1961 48 p

ZMUIDZINAVICIUS, A. [Palette and life] Palete ir gyvenimas Vilnius, Valstybine grozines literaturos leidykla, 1961. 414 p [In Lithuanian]

11. LANGUAGE, LITERATURE & FOLKLORE

ACHARIAN, G. [Complete grammar of the Armenian language, with comparisons from 562 languages] Polnaia grammatika armianskogo iazyka v sravnenii s 562 iazykami Erevan, Izd-vo AN Armianskoi SSR. [In Armenian]
Vol 4 Book 2. 1961. 543 p

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata Institut literatury i iskusstva [History of Kazakh literature] Kazak ädebietnin tarikhy Almaty, Kazak SSR Gylym akademiiasynyn basmasy [In Kazakh]
Vol 2 Book 1 [Kazakh literature at the end of the 18th and during the 19th century] XVIII-XIX gasyrlardagy kazak ädebieti 1961 580 p

AKADEMIIA NAUK KIRGIZSKOI SSR Institut iazyka i literatury [Outline history of Soviet Kirghiz literature] Ocherk istorii kirgizskoi sovetskoi literatury Frunze, Kirgizskoe gos uchebno-pedagog. izd-vo, 1960 511 p [In Kirghiz]

AKADEMIIA NAUK SSSR, Dagestanskii filial, Makhachkala. Institut istorii, iazyka i literatury. [Avarian folk. tales] Avarskie narodnye skazki, Makhachkala, Dagestanskoe knizhnoe izd-vo, 1958 227 p.
(MH)

AKADEMIIA NAUK SSSR. Institut iazykoznaniia. [Finno-Ugrian linguistics, on the 70th anniversary of the birth o. D V Bubrikh, Corresponding Member of the Academy of Sciences of the U S S R] Voprosy finno-ugorskogo iazykoznaniia, k 70-letiiu so dnia rozhdeniia chlena-korrespondenta AN SSSR D. B Bubrikha Moskva, Izd-vo Akad. nauk SSSR, 1962. 331 p.

AKADEMIIA NAUK SSSR Institut iazykoznaniia. [Lak-Russian dictionary] Laksko-russkii slovar', Sost S M Khaidakov Pod red. L I Zhirkova Okolo 13 000 slov. S prilozheniem grammaticheskikh tablits lakskogo iazyka L I. Zhirkova. Moskva, Gos. izd-vo inostr. i natsional'nykh slovarei, 1962. 422 p

AKADEMIIA NAUK SSSR, Institut narodov literatury. [Archives of A. M. Gor'kii] Arkhiv A. M Gor'kogo, Moskva, Gos. izd-vo khudozh. lit-ry, 1951-1959. 1 v.
(WaU)

AKADEMIIA NAUK SSSR. Institut mirovoi literatury. [Writers of the peoples of the U. S. S. R.] Pisateli narodov SSSR. Moskva, Izd-vo Akad nauk SSSR, 1962. 338 p.

AKADEMIIA NAUK SSSR. Institut narodov Azii [Dancing by the campfire, verse of African poets. Translated from the Arabic and other languages] Tanets pri svete kostra, stikhi afrikanskikh poetov. Moskva, Izd-vo vostochnoi lit-ry, 1962. 78 p.

AKADEMIIA NAUK SSSR. Institut narodov Azii. [Legend of Seri Rama, the Indonesian Ramayana. Translated from the Indonesian] Skazanie o Seri Rame, indonezi-skaia Ramaiana. Predisl. i primechaniia L. A. Mer-kart Moskva, Izd-vo vostochnoi lit-ry, 1961 294 p.

AKADEMIIA NAUK SSSR. Kazanskii filial Institut iazyka, literatury i istorii. [History of Soviet Tatar literature] Istoriia tatarskoi sovetskoi literatury; ocherki Kazan', Tatarskoe knizhnoe izd-vo, 1960. 820 p. [In Tatar]
(MH)

AKADEMIIA NAUK UPSR, Kiev. Biblioteka, Lvov. [Vasyl' Stefanyk, a bibliography] Vasyl' Stefanik, bibliografichnyi pokazhchyk Kyiv, Vyd-vo Akad nauk URSR, 1961. 168 p.

AKADEMIIA NAUK URSR. Instytut movoznavstva. [Leksikon slavenoserbskyi by Pamva Berynda] Leksykon slovenoserbskyi Pamvy Berynda Pidhotovka tekstu i vstupna stattia V V. Nimchuka Kyiv, Vyd-vo Akad nauk URSR, 1961. 271 p (Pam'iatky ukrains'koi movy XVII st Serilia naukovoi literatury)

AKADEMIIA NAUK UZBEKSKOI SSR, Karakalpakskii filial Institut istorii, iazyka i literatury. [Bozoglan, Kara-Kalpak folk. epic] Bozoglan, karakalpakskii narodnyi epos. Nukus, Karakalpakskoe gos izd-vo 1961. 215 p [In Kara-Kalpak]

AKADEMIIA PEDAGOGICHESKIKH NAUK RSFSR Institut natsional'nykh shkol. [Methods of teaching Russian morphology in grades 5 and 6 of the Mari school] Metodika izucheniia morfologii russkogo iazyka v V-VI klassakh marliskoi shkoly. Pod red. S. S Filippova. Ioshkar-Ola, Marliskoe knizhnoe izd-vo, 1959. 422 p
(InU)

ALGAZINA, N. N [Difficult cases in orthography] Trudnye sluchai pravopisaniia, iz opyta raboty Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1961 83 p. (Pedagogicheskaia biblioteka uchitelia)

AMBRASAS, K [Literary horizons] Literaturos akiratiai Vilnius, Valstybine grozines literaturos leidykla, 1961. 293 p. [In Lithuanian]

AMLINSKII, V. I. [Station of first love] Stantsiia pervoi liubvi Moskva, Izd-vo "Sovetskaia Rossiia," 1961 112 p (Korotkie povesti i rasskazy)

ANDIIEVS'KA, EMMA, Tyhiy New York, V-vo N'iu Iorks'koi hrupy, 1962. 48 p.

ANDIIEVS'KA, EMMA. [Djalapita] Dzhalapita. New York, V-vo N'iu-Iorks'koi hrupy, 1962 16 p.

ARAJS, K , comp. [Places of residence and work of Krisjanis Barons] Pa Krisjana Barona dzives un darba vietam. Riga, Latvijas Valsts izdevnieciba, 1961. 96 p. (chiefly illus.) [In Latvian]

ARAJS-BERCE, A., E. EFERTS-KLUSAIA, L. LAICENS, O. RUHTERS, and R. EIDEMANIS. [Selected works] Izlase Riga, Latvijas Valsts Izdevnieciba, 1961 420 p. (Skolena biblioteka) [In Latvian]

ASCEV, N. N. [Harmony, verse of recent years] Lad, stikhi poslednikh let. Moskva, Sovetskii pisatel', 1961. 150 p.
(RPB)

ASTAF'EV, V. P. [A soldier and his mother; a tale and stories] Soldat i mat', povest' i rasskazy. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 103 p. (Korotkie povesti i rasskazy)

AUEZOV, MIKHTAR, [Karash-karash, collected stories, tales, and plays] Karash-karash, ongimeler, p'esalar zhinagy Almaty, Kazaktyn Memlekettik korkem ädebiem basmasy, 1960 472 p [In Kazakh]

BAIALINOV, K. [Kurman Valley, a tale] Kurman zhylga; povest' Frunze, Kyrgyzstan mamlekettl basmasy, 1960. 146 p. [In Kirghiz]

BAICHURA, U SH [The phonetics system of the Tatar language; in connection with certain other Turkic and Finno-Ugrian languages] Zvukovoi stroi tatarskogo iazyka, v sviazi s nekotorymi drugimi tiurkskimi i finno-ugorskimi iazykami. [Kazan'] Izd-vo Kazanskogo univ.
Pt. 2. 1961. 390 p.

BAZANOV, V. G. [Outlines of Decembrist literature, poetry] Ocherki dekabristskoi literatury, poeziia, Moskva, Gos. izd-vo khudozh. lit-ry, 1961. 469 p.

BEGALIEV, GALI, SEIL' ZHIENBAEV, and I. UIUKBAEV. [The Kazakh language; textbook for adults] Kazak tili, uchebnik kazakskogo iazyka dlia vzrosłykh. Almaty, Kazaktyn memlekettik oku-pedagogika baspasy, 1959. 211 p.

BEILINA, N. V. [Four quarters of the year, a tale] Chetyre chetverti goda, povest'. Moskva, Sovetskii pisatel', 1961. 214 p.
(MH)

BENDRUPE, MIRDZA. [Knock at the door] Pie durvim klauve. Riga, Latvijas Valsts izdevnieciba, 1961. 237 p. [In Latvian]

BENT, STEPHEN VINCENT. [The devil and Daniel Webster, and other stories. Translated from the English] D'iavol i Daniel' Vebster i drugie rasskazy New York, Chalkin [195-] 143 p.
(NN)

BILOUSOV, M. M [Actor at the theater] Aktor u teatri Literaturnyi zapys N. Bazhan. Kyiv, Derzh vyd-vo obraz.otvorchoho mystetstva i muzychnoi lit-ry, 1960. 38 p. (Bibliotechka z pytan' istorii teatru. Dekada ukrains'koi literatury ta mystetstva)
(MH)

BIRKERTS, ANTONS. [J. Rainis' exile in Siberia, life and work as seen from correspondence] Rainis sibirijas ligumdz; dzives un darba atspulgs vestulē Rīga, Latvijas Valsts Izdevnieciba, 1961. 280 p. [In Lat

BISK, ALFKSANDR [Mine and others, selected stories 1903-1961] Chuzhoe i svoe, izbrannye rasskazy [Paris u.d.] 178 p.

BOBROVA, M. N [Mark Twain, a study of his work] Mark Tven, ocherk tvorchestva. Moskva, Gos. izd-vo khudozh. lit-ry, 1962. 504 p.

BOIKO, A. A., E. V. KATKOVA, and TS. A. SHRAMM [Grammar of the German language; the verb] Grammatika nemetskogo iazyka; glagol Posobie dlia zaochnikov. [Leningrad] Izd-vo Leningr. univ., 1 50 p (V pomoshch' studentam vechernikh i zaochnykh vuzov)

BOMBARD, ALAIN [Alone on the ocean. Translated from Naufrage volontaire] Odyn v okeani. Kyiv, Molod', 1959 173 p.
(MiD)

BONDAREV, IU. V. [The battalions request fire, Two volleys, tale] Batal'ony prosiat ognia, Dve-tri volpy, povesti. Moskva, Sovetskii pisatel', 1961 206 p
(VtMiM)

BORISOVA, M. I. [Evening windows] Vechernie okna [Krasnoiarsk] Krasnoiarskoe knizhnoe izd-vo, 1961 83 p.
(KU)

BOROVIKOVA, N. M. A. A Fadeev, Moskva, 1 1 VPSh i AON pri TsK KPSS, 1962. 61 p.

BRAGG, B. L. [V. I. Dal', immortal Russian lexicographer, on the 160th anniversary of his birth, 1801-1872] V. I. Dal', bessmertnyi russkii leksikograf, k 160-letiiu rozhdeniia 1801-1872. New York, 1 Ob-va im A. S. Pushkina v Amerike, 1961. 16 p
(MH)

BULGAKOV, M. A. [Life of Monsieur Moliere] Zhizn' gospodina de Mol'era Moskva, Izd-vo TsK VLKSM "Molodaia gvardiia," 1962. 237 p. (Zhizn' zamechatel'nykh liudei. Seriia biografii, no. 1(334))

BURIANEK, FRANTISEK. [Contemporary Czech literature; remarks on Czech poetry, prose, and drama.] Sovremennaia cheshskaia literatura, Zametki o poezii, proze, dramaturgii. Moskva, Izd-vo "Znanie," 1962. 47 p. (Novoe v zhizni, nauke, tekhnike. Seriia 6: Literatura i iskusstvo, no. 1)

BURLAKOV, N. S , G. A PELASOV, and I. P. MARAEV. [Russian literature of the 20th century; the period before the October Revolution] Russkaia literatura XX v., Dooktiabr'skii period, posobie dlia Pe tov Izd 2 , ispr. i dop Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv RSFSR, 1961 2 v.

BUSHIN, V. S. [Discussion on the korg] Spor o korge Moskva, Izd-vo "Znanie," 1962. 20 p. (Novoe v zhizni, nauke, tekhnike. Seriia 6: Literatura i iskusstvo, no. 2)

CHABANIVS'KYI, M. I. [Balkan spring, a novel] Bal-ka vesna, roman, Kyiv, Derzh vyd-vo khudozh lit-ry, 1960. 512 p.
(WaU)

CHERNOV, N. V. [Literary landmarks of Orel Pro Literaturnye mesta Orlovskogo kraia. Izd. 2 , [Orel] Orlovskoe knizhnoe izd-vo, 1961. 154 p

CHOTURov, ZHUMABIL. [Kolchuman, collected stories and sketches] Kolchuman. Frunze, Kyrgyzstan mamlektettik basmasy, 1960. 87 p. [In Kirghiz]

CHUKOVSKII, K. I. [Alive as life, a discussion of the Russian language] Zhivoi kak zhizn', rassuzhdenie o russkom iazyke [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1962. 173 p.

CHUMAK, I. V. Dovatortsy, novelly. [Stavropol'] Stavropol'skoe knizhnoe izd-vo, 1961. 30 p.
(MH)

[CHUVASH LYRICS. Translated from the Chuvash] Chavashskaia lirika [Sost. A. Alga, M. Sirotkin, Kh. Khuzangai] Moskva, Gos. izd-vo khudozh. lit-ry, 1961. 206 p.
(NN)

DARYI OV, ABBAZ. Bakhadyr. Nokis, Karakalpak Mamlekem Baspasy, 1957. 303 p. [In Kara-Kalpak]
(WaU)

DANTE, ALIGHIERI. [Divine comedy. Translated from the Italian] Bozhestvennaia komediia. Moskva, Gos. izd-vo khudozh. lit-ry, 1961. 781 p.
(NN)

DIKTORAITE, L., comp. [Collected Lithuanian stories. Translated from the Lithuanian] Litovskie rasskazy, sbornik. Moskva, Sovetskii pisatel', 1961. 438 p.
(MH)

DIAGILEV, V. IA. [Doctor Golubev, a tale] Doktor Golubev, povest'. Leningrad, Sovetskii pisatel', 1961. 259 p.

DIEV, V. A. Vsevolod Vishnevskii. Moskva, Izd-vo "Znanie," 1962. 29 p. (Novoe v zhizni, nauke, tekhnike, Seriia 6. Literatura i iskusstvo, no. 3)

DOROSHENKO, VOLODYMYR. [Happy and sad events in Shevchenko's life; a brief biography] Hore i radist' u Shevchenkovomu zhytti, biohrafichnyi narys. Philadelphia, 1962. 47 p.

DOROSHKO, P. O. [Years, roads, meetings] Lita, dorohy, zustrichi. Kyiv, Derzhlitvydav, 1961. 571 p.
(MH)

DOSTOEVSKII, F. M. [The idiot; a novel in four parts. Translated from the Russian] Idiotas, keturiu dalių romanas. Vilnius, Valstybine grozines literatūros leidykla. [In Lithuanian]
Vols. 1-2 1961.

DOSTOEVSKII, F. M. [The insulted and the injured, a novel. Translated from the Russian] Pazemotie un apvainotie, romans cetras dalas ar epilogu. Riga, Latvijas Valsts izdevnieciba, 1960. 313 p. [In Latvian]

DROZDOV, A. M. [Days in Tanaida, tales and stories] Tanaitskie dni; povesti i rasskazy. Moskva, Voen. izd-vo M-va obor. SSSR, 1962. 249 p. (Biblioteka soldata i matrosa)

DUNAEVA, E. Boldino. Moskva, Goskul'tprosvetizdat, 1951. 143 p.
(MH)

DYKHOVICHNYI, V. A., and M. R. SLOBODSKOI. [Useless minerals, satiric verse] Bezpoleznye iskopaemye, satiricheskie stikhi. Moskva, Sovetskii pisatel', 1958. 114 p.
(ICN)

EHRENBURG, I. G. [People, years, life] Liudi, gody, zhizn'. Moskva, Sovetskii pisatel', 1961.
Vols. 1-2 1961.
(MH) (CU)

ELIZAROVA, M. N. [Gor'kii in Tatariia] Gor'kii v Tatarii; sbornik statei. Kuzan', Tatarskoe knizhnoe izd-vo, 1961. 135 p.
(CU)

[ENGLISH-LITHUANIAN DICTIONARY] Anglu-Lietuvių kalbu zodynas. [By] V. Baravykas. Antras patalsytas ir papildytas leidimas. Apie 30.000 zodžiu ir posakiu. Redagavo A. Laucka ir A. Daniaite. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 595 p.

ENIKOLOPOV, I. K. [Lev Nikolaevich Tolstoi in Georgia] Lev Nikolaevich Tolstoi v Gruzii. Tbilisi, Izd-vo Soiuza pisatelei Gruzii "Zaria Vostoka," 1960. 84 p.

ERSHOV, P. P. [The little hunchback horse, verse] Konek-Gorbunok; stikhotvoreniia. Vstup. stat'ia, podgotovka teksta i primechaniia M. K. Azadovskogo. Leningrad, Sovetskii pisatel', 1961. 180 p. (Biblioteka poeta. Malaia seriia. 3 izd.)

EVSTRATOV, N. G. [V. G. Korolenko in Ural'sk] V. G. Korolenko v Ural'ske; kritiko-biograficheskii ocherk. Alma-Ata, Kazakhskoe gos. izd-vo khudozh. lit-ry, 1961. 94 p.
(CU)

al-FAKHURI, HANNA. [History of Arabic literature. Translated from the Arabic] Istoriia arabskoi literatury. Moskva, Izd-vo inostr. lit-ry.
Vol. 2. 1961. 482 p.

FILLIPPOV, B. A. [Burden of the times; verse, 1942-1961] Bremia vremeni; stikhi, 1942-1961. Washington, 1961. 30 p.
(CtY)

FINBERG, I. L. [Pushkin's last work] Poslednii trud Pushkina. Moskva, Izd-vo "Pravda," 1962. 47 p. (Biblioteka "Ogonek," no. 6)

FONER, P. S. [Mark Twain. Social critic. Translated from the English] Mark Tven - sotsial'nyi kritik [Poslesiovie IA. N. Zasurskogo. Kommentarii IU. I. Kagarlitskogo] Moskva, Izd-vo inostr. lit-ry, 1961. 415 p.
(RPB)

FRADKIN, I. M. [Literature of the new Germany] Literatura novoi Germanii, stat'i i ocherki. Izd. 2., ispr. i dop. Moskva, Sovetskii pisatel', 1961. 507 p.

FROMZEL', L. I., and V. F. LYSENKO. [Grammar of the German language, the infinitive] Grammatika nemetskogo iazyka, infinitiv. Posobie dlia zaochnikov. [Leningrad] Izd-vo Leningr. univ., 1961. 23 p. (V pomoshch' studentam vechernikh i zaochnykh vuzov)

GALSWORTHY, JOHN. [Collected works in sixteen volumes. Translated from the English] Sobranie sochinenii v shestnadtsati tomakh. Moskva, Izd-vo "Pravda." (Biblioteka "Ogonek")
Vol. 8 1962 589 p.

GAMZATOV, RASUL. [Octaves and inscriptions. Translated from the Avaric] Vos'mistishiia i nadpisi. Moskva, Izd-vo "Pravda," 30 p. (Biblioteka "Ogonek," no. 7)

[GERMAN-RUSSIAN LINGUISTIC PARALLELS, comparative outline on problems of word formation and syntax of the German and Russian languages] Nemetsko-Russkie iazykovye paralleli, sopostavitel'nye ocherki po voprosam slovoobrazovaniia i sintaksisa nemetskogo i russkogo iazykov. [By] A. V. Fedorov i dr. Moskva, Izd-vo lit-ry na inostr. iazykakh, 1961. 302 p. (Biblioteka filologa)

GESSEN, A. I. [Naberezhnaia Moiki 12; A. S. Pushkin's last apartment] Naberezhnaia Moiki 12, poslednaia kvartira A. S. Pushkina. Moskva, Gos. izd-vo detskoi lit-ry, 1960. 250 p. (Po dorogim mestam)
(RPB)

GILLEL'SON, M. I., V. A. MANUILOV, and A. N. STEPANOV. [Gogol' in St. Petersburg] Gogol' v Peterburge. [Leningrad] Lenizdat, 1961. 303 p.

GILULA, I. O. [Neuropathology in gynecology; applicable in disorders of the ovarian-menstrual cycle, diseases of the uterus and ovaries during the periods of sexual maturation and the climacteric] Nervnaia patologiia v ginekologii, pri narusheniiakh ovarial'no-menstrual'nogo tsikla, zabolevaniiakh matki i iaichnikov v period polovogo sozrevaniia i klimaksa. Kiev, Gos. med. izd-vo USSR, 1961. 61 p.
(DNLM)

GLADKOV, F. V. [Rebellious youth, sketches, articles, reminiscences] Miatezhnaia iunost', ocherki, stat'i, vospominaniia. Moskva, Gos. izd-vo khudozh. lit-ry, 1961. 404 p.
(NN)

GLEBOV, A. G. [Pravdokha. A comma, stories] Pravdokha. Zapiataia, rasskazy. Moskva, Izd-vo "Pravda," 1962. 60 p. (Biblioteka "Ogonek," no. 2)

GOGOL', N. V. [Dead souls] Mertvye dushi; poema. Moskva, Gos. izd-vo khudozh. lit-ry, 1961. 540 p.
(MiU)

GOL'DBERG, I. G. [A road not marked on the map] Put', neotmechennyi na karte. [Irkutsk] Irkutskoe knizhnoe izd-vo, 1958. 362 p.
(ICU)

GOLOSHCHAPOV, N. P. [Two at daybreak; stories] Dvoe na rassvete; rasskazy. [Cheliabinsk] Cheliabinskoe knizhnoe izd-vo, 1961. 96 p.
(MH)

GOLUBOV, S. N. Bagration. Moskva, Voen. izd-vo, 1960. 340 p. plates. (Sovetskii voennyi roman)
(NNC)

GORBUNOV, B. P. [Let's be friends; humorous stories] Budem znakomy, iumoristicheskie rasskazy. [Vladimir] Vladimirskoe knizhnoe izd-vo, 1960. 83 p.
(MH)

GRIGORIAN, RACHIIA. [Malakovskii and Armenian literature] Malakovskii i armianskaia literatura. Erevan, Armianskoe gos. izd-vo, 1956. 229 p.
(NNC)

GRIGOROVICH, D. V. [Literary reminiscences] Literaturnye vospominaniia. [Leningrad] Gos. izd-vo khudozh. lit-ry, 1961. 214 p. (Seriia literaturnykh memuarov)
(CU)

GRIGULIS, ARVIDS, comp. [Theory and technique of drama] Dramas teorija un tehnika; rakstu kopojums. Riga, Latvijas Valsts izdevnieciba, 1961. 749 p. [In Latvian]

GRINBERG, I. L. [Vera Inber, a critical and biographic sketch] Vera Inber, kritiko-biograficheskii ocherk. Moskva, Sovetskii pisatel', 1961. 193 p.

HEMINGWAY, ERNEST. [Farewell to arms. Translated from the English. Preface by M. Urnov] Proshchai, oruzhie! Moskva, Gos. izd-vo khudozh. lit-ry, 1961. 284 p.

HOFSTEIN, DAVID. [Verse. Translated from the Yiddish] Stikhi. Moskva, Gos. izd-vo khudozh. lit-ry, 1961. 318 p.

HRINCHENKO, BORYS. [Without bread, a story] Bez khliba, opovidannia. Kyiv, Derzh. vyd-vo dityachoi lit-ry URSR, 1958. 176 p.
(WaU)

HRUSHKIN, V. M. [The land which Taras praised in his poems] Zemlia, vospivana Tarasom. [Kyiv] Kyivs'ke oblasne knyzhkovo-gazetne vyd-vo, 1961. 126 p.

IAMPOL'S'KYI, L. S. [English, a textbook of the English language for technical schools] English; posibnyk z anhlis'koi movy dlia tekhnichnykh vuziv. Kyiv, Derzh. vyd-vo lit-ry z budivnytstva i arkhitektury URSR, 1960. 196 p.
(NjP)

IL'ENKO, V. V. [Reflection of the local Novgorod vocabulary in the literary language of the Great Russian nationality, based on materials from chronicles] Otrazhenie mestnoi novgorodskoi leksiki v literaturnom iazyke velikorusskoi narodnosti, po materialam, letopisei. Dnepropetrovsk, 1958. 28 p.
(MH)

IL'F, I. A., and E. P. PETROV. [Collected works in five volumes] Sobranie sochinenii v piati tomakh. Moskva, Gos. izd-vo khudozh. lit-ry.
Vols. 1-5, 1961.

ISAEV, A. A., and N. I. KOROTEEV. [Soldiers of the second line] Soldaty vtoroi linii. Moskva, Izd-vo "Znanie," 1961. 47 p.

ISTOMIN, I. G. [Joy, stories] Radost', rasskazy. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 95 p. (Korotkie povesti i rasskazy)

[THE JAPANESE NOVELLA; 1915-1960. Translated from the Japanese] IAponskaia novella, 1945-1960. Predisl. A. Chaikovskogo. Moskva, Izd-vo inostr. lit-ry, 1961. 470 p.
(CU)

JOSADE, J. [Book and reality] Knyga ir tikrove. Vilnius, Valstybine grozines literatūros leidykla, 1961. 203 p. [In Lithuanian]

KACHURIN, M. G., and M. A. SHNEERSON. [Analysis of the language employed by writers; Pushkin, Lermontov, Gogol'] Izuchenie iazyka pisatelei, Pushkin, Lermontov, Gogol'. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 303 p.

KAIMOV, KASYM. [Winged friends, a story] Krylatye druz'ia, rasskaz. Frunze, Kirgizskoe gos. uchebno-pedagog. izd-vo, 1961. 28 p.

KANDELAKI, R. E. [The artist wandered about the city, tales] Brodil khudozhnik po gorodu, povesti. Predisl. Konstantina Fedina. Tbilisi, Zaria Vostoka, 1960. 176 p.
(MH)

KANGELDIEV, NURKAZY, and V. N. SHNEIDMAN, comps. [Our literature for grade 7 of the seven-year and secondary school] Bizdin adabiiat zheti zhyldyk zhana orto mekteptin zhetinchi klassy uchun. Ekinchi basylyshy. Frunze, Kyrgyz mamlekettik okuu-pedagogika basmasy, 1960. 214 p. [In Kirghiz]

KARIM, MUSTAI. [Facing the rising sun. Litsom k voskhodiashchemu solntsu. Ufa] 1960. 116 p. [In Bashkir]
(MH)

KASUMOV, MUKHTAR. ["Molla Nasreddin", a militant revolutionary-democratic periodical] Boevoi revoliutsionno-demokraticheskii zhurnal "Molla Nasredin." Baku, 1960. 72 p.
(MH)

[KAZAKH FOLK TALES] Kazaktyn khalyk zhumbaktary. Almaty, Kazaktyn memlekettik korkem edebiet baspasy, 1959. 242 p. [In Kazakh]

KEKELIDZE, K. S. [Etudes on the history of early Georgian literature] Etiudy po istorii drevnegruzinskoi literatury. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR.
Vol. 7, 1961. 308 p.

KHADI-ZADE, R. Akhmadi Donish. Stalinabad, 1960. 22 p. [In Tajik]
(MH)

[KIRGHIZ FOLK TALES] Kyrgyz el'zhomogu. Frunze, Kyrgyz mamlekettik O'kuu-pedag. gez. basmasy, 1960. 290 p. [In Kirghiz]

KIRYANOV, N. B. [Personal pipe, fables] Personal'naia trubka, basni. [Tula] Tul'skoe knizhnoe izd-vo, 1960. 35 p.
(CU)

KIRSENTALE, I. comp. [Places of residence and work of Ernests Ferts-Kluskis in Latvia] Ernesta Ferta-Kluska dzivesvietu un darba vietas Latvija. Riga, Latvijas Valsts izdevnieciba, 1961. 72 p. (chiefly illus.) [In Latvian]

KOMAROV, P. S. [Selected works] Izbrannoe. [Khabarovsk] Khabarovskoe knizhnoe izd-vo, 1959. 266 p.
(LU)

KONOVALOV, G. I. [Yesterday] Vchera. [Saratov] Saratovskoe knizhnoe izd-vo, 1960. 146 p.
(CoU)

KONTSEVICH, I. M. [Reasons for the spiritual downfall of L. N. Tolstoi] Istoki dushevnoi katastrofy L. N. Tolstogo. Munich, 1960. 106 p.
(CLU)

KOPYLENKO, OLEKSANDR. [How they live] Iak vony pozhyvaiut'. Kyiv, Derzh. vyd-vo dytiachoi lit-ry, 1961. 204 p.
(InU)

KORZHIKOV, V. T. [Distant land, verse] Dal'niaia zemlia, stikhi. [Moskva] Molodaia gvardiia, 1961. 64 p.
(MH)

KOSTENKO, A. Z. [Typification in the literatures of socialist realism] Typizatsiia v literaturi sotsialistychnoho realizmu. Kyiv, Radians'kyi pys'mennyk, 1962. 372 p.

KOTOV, A. K., ed. [Chekhov in the reminiscences of his contemporaries] Chekhov v vospominaniiakh sovremennikov. [Moskva] Gos. izd-vo khudozh. lit-ry, 1960. 833 p. (Serila literaturnykh memuarov)
(PPiU)

KOVALENKO, A. P. [Fables] Basni. [Saratov] Saratovskoe knizhnoe izd-vo, 1961. 36 p.
(MH)

KOVALEVSKII, V. A. [Brother and sister, a tale] Brat i sestra, povest'. Moskva, Sovetskii pisatel', 1960. 216 p.
(KU)

KOVIN, L. I. [And so the shells flew, a tale] Tak leteli snariady, povest'. Moskva, Voen. izd-vo M-va oborony SSSR, 1962. 219 p. (Biblioteka soldata i matrosa)

KRAMOV, I. N. [Literary portraits: Larisa Reisner, John Reed, Vorovskii, Mate Zalka] Literaturnye portrety, Larisa Reisner, Dzhon Rid, Vorovskii, Mate Zalka. Moskva, Sovetskii pisatel', 1962. 334 p.

KRATOCHVIL, MILOŠ V. [Astonishing adventures of Jan Kornel, which he found on land and sea, among soldiers, galley slaves, pirates, and Indians, good people and bad, but maintaining throughout the goodness of his heart. Translated from the Czech] Udivitel'nye prikliuchenitia IAna Kornela, kotorye on perezhil na sushe i na more sredi soldat, galernikov, piratov, indeitsev, liudei dobrykh i zlykh, ostavaias' pri etom vsegda vernym svoemy serdtsu. Leningrad, Gos. izd-vo detskoi lit-ry, 1958. 299 p.
(IU)

KRIEVINS, M. [Salute the Daugava, a novel] Pasveicini Daugavu, romans. Riga, Latvijas Valsts izdevnieciba, 1961. 238 p. [In Latvian]

KRUPATKIN, B. L. [Spirit of the people] Dusha naroda. [Tiumen'] Tiumenskoe knizhnoe izd-vo, 1961. 281 p.

KRUTIKOVA, N. IE. [Works of I. S. Nechui-Levyts'kyi] Tvorchist' I. S. Nechuia-Levits'koho; statti ta materialy. Kyiv, Vyd-vo Akad. URSR, 1961. 246 p.

KRYLOV, I. A. [Fables] Basni. Moskva, Gos. izd-vo detskoi lit-ry, 1960. 141 p. (Shkol'naia biblioteka dlia nerusskikh shkol)
(LNHT)

KUNINA, A. A., and Z. P. SHALASHOVA. [Classics of the literature of the peoples of the U. S. S. R.; a recommended reading list] Klassiki literatury narodov SSSR; rekomendatel'nyi ukazatel'. Moskva, Gos. izd-vo "Iskusstvo," 1961. 48 p.

KYRCHIV, R. F. [Comedies of Ivan Franko] Komedii Ivana Franka. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 90 p.

KYSEL'OV, IOSYP. [Epic poetry; an account of present-day Ukrainian epic poetry] Epichna poeziia; narysy suchasnoi ukrains'koi epichnoi poezii. Dop. ta pered. vyd. Kyiv, Derzhlitvydav, 1961. 232 p.
(MH)

LATVIJAS PADOMJU SOCIALISTISKAS REPUBLIKAS ZINATNU AKADEMIJA. Stenografijas komisija. [Stenographic dictionary, shorthand of the Unified Stenographic System of the Latvian language] Stenografijas vardnica, latviesu valodas vienotas stenografijas sistemas saisinataju raksts. Riga, Latvijas Valsts izdevnieciba, 1961. 260 p. [In Latvian]

LATVIJAS PADOMJU SOCIALISTISKAS REPUBLIKAS ZINATNU AKADEMIJA. Valodas un literaturas instituts. [Spelling and pronunciation of foreign names in the Latvian literary language] Noradijumi par citvalodu ipasvardu pareizrakstibu un pareizrunu latviesu literaraja valoda. Riga, Latvijas PSR Zinatnu akademijas izdevnieciba. [In Latvian]
Vol. 2. Mackovs, G., comp. [Czech and Slovak names] Cehu un slovaku valodas ipasvardi. 1961. 44 p.

LATVIJAS PADOMJU SOCIALISTISKAS REPUBLIKAS ZINATNU AKADEMIJA. Valodas un literaturas instituts. [Guide to the spelling and pronunciation of foreign names in the Latvian literary language] Noradijumi par citvalodu ipasvardu pareizrakstibu un pareizrunu latviesu literaraja valoda. Riga, Latvijas PSR Zinatnu akademijas izdevnieciba. [In Latvian]
Vol. 4. Porite, T., comp. [Lithuanian names] Lietuviesu valodas ipasvardi. 1961. 64 p.
Vol. 5. Stalmane, V., comp. [Polish names] Polu valodas ipasvardi. 1961. 79 p.
Vol. 6. Ahero, A., comp. [English names] Angla valodas ipasvardi. 1961. 121 p.
Vol. 7. Capitis, L., comp. [Spanish names] Spanu valodas ipasvardi. 1961. 70 p.

LAUA, ALISE. [Problems in the phonetics of the present-day Latvian literary language] Musdienu latviesu literaras valodas fonetikas jautajumi. Riga, Latvijas Valsts izdevnieciba, 1961. 107 p. [In Latvian]

[LENIN IS WITH US, songs, verse and stories on Lenin] Lenin s nami, pesni, stikhi i rasskazy o Lenine. Dlia detei srednego shkol'nogo vozrasta. Moskva, Gos. muzykal'noe izd-vo, 1960. 64 p.

LENINGRAD. UNIVERSITET. [Newspaper genres] Problemy gazetnykh zhanrov, sbornik statei. Leningrad, 1962. 185 p.

LENOBL', G. B. [From the word to the image, on the language of Soviet literature] Ot slova - k obrazu, o fazyke sovetskoi khudozhestvennoi literatury. Moskva, Sovetskii pisatel', 1961. 160 p.

LICHAK, N. K. [Lights in the Carpathians] Ogon'ki v Karpatakh. Moskva, Izd-vo "Znanie," 1961. 79 p.

LIDIN, V. G. [People and meetings] Liudi i vstrechi. Moskva, Sovetskii pisatel', 1961. 414 p.

LIETUVOS TSR MOKSLU AKADEMIJA. Vilna. Lietuviu kalbos ir literaturos institutas. [History of Lithuanian literature] Lietuviu literaturos istorija. Vilnius, Valstybine politines ir mokslines literaturos leidykla. [In Lithuanian]
Vol. 3, Pt. 1. [The era of capitalism, 1917-1940] Kapitalizmo epocha, 1917-1940. Redagavo K. Korsakas. 1961. 646 p.

LIETUVOS TSR MOKSLU AKADEMIJA. Vilna. Lietuviu kalbos ir literaturos institutas. [Soviet Lithuanian literature and criticism, 1956-1960, a bibliographic index] Tarybine lietuviu literatura ir kritika, 1956-1960, bibliografine rodykle. Vilnius, 1961. 325 p. [In Lithuanian]

LIPETS, E. E., and L. K. FEDOROVA. [Russian-French phrase book for pupils in grades 6-8] Russko-frantsuzskii razgovornik dlia uchashchikhsia 6-8 klassov. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 87 p.

LITVINOV, V. V. [Studying the language of literary works in school, a manual for teachers] Izuchenie iazyka khudozhestvennykh proizvedenii v shkole; posobie dlia uchitelei. Moskva, Gos. uchebno-pedagog. izd-vo, 1960. 208 p.
(WU)

LOGINOV, N. V. [Together with us; stories and sketches] Riadom s nami; rasskazy i ocherki. Moskva, Voen. izd-vo M-va oborony SSSR, 1962. 110 p. (Biblioteka soldata i matrosa)

LOJA, JANIS. [History of linguistics] Valodniecibas vesture. Riga, Latvijas Valsts izdevnieciba, 1961. 308 p. [In Latvian]

LUGANSKII, V. L., and K. G. NIKOLENKO, comps. [Seventy tales of the peoples of the world. Translated from the Arabic and other languages] 70 skazok narodov mira. Stalino, Knizhnoe izd-vo, 1961. 369 p.

LUGOVTSOV, N. Ol'ga Forsh. Leningrad, Obshchestvo rasprostraneniia polit. i nauch. znanii RSFSR, 1961. 52 p.

MARCHENKO, A. T. [Patriotic beat; a tale] Dobrovol'cheskii tropot, povest'. Moskva, Voen. Izd-vo M-va oborony SSSR, 1962. 104 p.

[MARI FOLK TALES. Translated from the Cheremis] Mariiskie narodnye skazki. Zapisi, perevody i kommentarii K. A. Chetkareva. Joshkar-Ola, Mariiskoe knizhnoe izd-vo, 1960. 242 p.
(NNC)

MATIUKAS, ANTANAS. [In the footsteps of heroes] Didvyrio pedomis. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 70 p. [In Lithuanian]

[MERRY HALT, humorous stories] Veselyi privol; yumoristicheskie rasskazy. Moskva, Voen. izd-vo M-va oborony SSSR, 1962. 142 p.

MINOKIN, M. V. [Lev Tolstoi in Orel Province] Lev Tolstoi v Orlovskom krae. [Orel] Orlovskoe knizhnoe izd-vo, 1960. 53 p.
(CU)

MOKRIIV, IU. O. [Black storm; a novel] Chornyi roman. Kyiv, Radians'kyi pys'mennyk, 1961. 412 p.
(MH)

[MOLDAVIAN FOLK POETRY] Poezie populara moldoveneaske. Alkatuirea shi ingrizhirea shi de G. G. Ia M. G. Savina shi G. A. Timofte. Editsiia 2 revazutsh komplektate. Kishinev, Editura de stat "Kartia moldoveneaske," 1960. 523 p. [In Moldavian]

[MONGOLIAN PROVERBS AND SAYINGS. Translated from the Mongolian] Mongol'skie narodnye poslovitsy i pogovorki. Moskva, Izd-vo inostr. lit-ry, 1961. 44 p.

MOSCOW. AKADEMIIA OBSHCHESTVENNYKH NAUK. [Principles of semantic development in language] Zakony semanticheskogo razvitiia v iazyke, sb. pod red. T. A. Degtevoi. Moskva, Izd-vo Vysshaia shkola AON pri TsK KPSS, 1961. 146 p.

MUCHNIK, I. P. [Introduction to linguistics, a collection of problems and exercises for practical work and independent study] Vvedenie v iazykoznanie, sbornik zadach i upraznhnenii dlia prakticheskikh zaniatii i samostoiatel'noi raboty studentov. Izd. 2. Posobie dlia filologicheskikh fakul'tetov pedagog. institutov i universitetov. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 192 p.

NALKOWSKA, ZOFJA. [The border. Translated from the Polish] Granitsa. Moskva, Goslitizdat, 1961. 265 p. (Zarubezhnyi roman XX veka)
(CLU)

NEDOSHIVIN, G. A. [Discussions about patriotism. Translated by D. Eiglo] Parrunas par gleznieciba. Riga, Latvijas Valsts izdevnieciba, 1961. 83 p. illus. [In Latvian]

NOSOV, N. N. [Bobik visits Barbos] Bobik khodit v gosti k Barbosu. Frunze, Kyrgyz Mamlekettik Okuu-Pedagogika basmasy, 1960. 20 p. [In Kirghiz]

NURTAZIN, TEMIRGALI. [Life and works of Shakarim Mukanov] Khalyk zhazushysy, S. Mukanovtyn omiri men tvorchestvosy turaly. Alma-Ata, Kazak sovetti saiasi zhone gylymi bilimder instatu kogamy, 1960. 49 p. [In Kazakh]

OBLOMIEVSKII, D. D. [Balzac; stages of his creative path] Bal'zak; etapy tvorcheskogo puti. Moskva, Gos. izd-vo khudozh. lit-ry, 1961. 589 p.

OBSHCHESTVO PO IZUCHENIIU SOVREMENNOI IAPONSKOI LITERATURY. [History of contemporary Japanese literature. Translated from the Japanese] Istoriia sovremennoi iaponskoi literatury. Red. predisl. i kommentarii N. I. Konrada. Moskva, Izd-vo inostr. lit-ry, 1961. 428 p.

ODESSA. UNIVERSYTET. Maksim Gor'kii, sbornik statei. Odessa, 1960. 164 p.
(MH)

ODESSA. UNIVERSYTET. Maksym Ryl's'kyi. Odessa, 1960. 316 p.
(MH)

OLIINYK, S. I. [The average carp; humor, satire] Karas' - seredniak; humor, satyra. Kyiv, Vyd-vo TsK LKSMU "Molod'," 1961. 117 p.

OSHAROV, M. I. [The great string of reindeer-drawn sleds, a novel] Bol'shoi argish; roman. [Novosibirsk] Novosibirskoe knizhnoe izd-vo, 1961. 261 p. (Biblioteka sibirskogo romana, no. 13)
(MH)

OTSUP, N. A. [Literary sketches] Literaturnye ocherki. Paris, 1961. 261 p.
(MH)

OZOLS, ARTURS. [Language of Latvian folk songs] Latviesu tautasdziesmu valoda. Riga, Latvijas Valsts izdevnieciba, 1961. 434 p. [In Latvian]

PARKHOMOV, M. N. [Once had a friend ... , a tale] Byl u menia drug. ... , povest'. Moskva, Voen. izd-vo M-va obor. SSSR, 1962. 102 p.

PAVLOV, V. V. [Going forward, a documentary tale] Mushchie vperedi, dokumental'naia povest'. Literaturnaia obrabotka Aleksandra Mitonova. Minsk, Gosizdat BSSR, 1961. 181 p.
(MH)

PERVOMAISKII, L. S. [Katerina and her new home, a story] Katerina i ee novyi dom, rasskaz. Moskva, Izd-vo "Pravda," 1962. 41 p. (Biblioteka "Ogonek," no. 4)

[PLACES OF RESIDENCE AND WORK OF LEONS PAEGLE] Leona Paegles dzives un darbu vietas Latvija. Riga, Latvijas Valsts izdevnieciba, 1961. 94 p. [In Latvian]

POGODIN, N. F., G. I. SEREBRIAKOVA, and M. P. PRILEZHAEVA. [Great personalities] Velikie obrazy. Moskva, Izd-vo "Znanie," 1962. 31 p. (Novoe v zhizni, nauke, tekhnike. Seriia 6. Literatura i iskusstvo, no. 1)

PREDVECHNAIA, L. A. [Practical course in English] Prakticheskii kurs angliiskogo iazyka. [Rostov-na-Donu] Izd-vo Rostovskogo univ., 1961. 227 p.

PRIVALENKO, M. E. [The front moves westward, a tale] Front ukhodit na Zapad, povest'. [Kursk] Kurskoe knizhnoe izd-vo, 1961. 260 p.
(MH)

[THE RADISHCHEV POETS, Ivan Pnin, Vasilii Popugaev, Ivan Born, Aleksandr Vostokov] Poety-radishchevtsy, Ivan Pnin, Vasilii Popugaev, Ivan Born, Aleksandr Vostokov. Vstup. stat'ia, podgotovka teksta i primechanii V. I. Ortova. Leningrad, Sovetskii pisatel', 1961. 437 p. (Biblioteka poeta. Malaia seriia. Izd. 3.)

RADKEVICH, A. [White Russian primer] Belaruski lemantar. [Regensburg, 1946] 88 p.
(NN)

[RAINIS, PEOPLE'S POET OF LATVIA] Latviesu tautas dzejnieks Rainis. Riga, Latvijas PSR Zinatnu akad. Izdevnieciba, 1961. [4] p. illus. [Text in Latvian and Russian]

[REMINISCENCES ABOUT LEONS PAEGLE] Atmiņas par Leonu Paegli. Riga, Latvijas Valsts izdevnieciba, 1961. 225 p. [In Latvian]

RIABININ, IURII, comp. [Trickling springs, verse, stories, sketches] Struit rodniki, stikhi, rasskazy, ocherki. Red. Khabib Guseinov. Ashkhabad, Turkmenskoe gos. izd-vo, 1960. 149 p.
(MH)

RIABININ-ANDREEV, I. G. Byliny. Podgotovka tekstov i prim. A. M. Astakhovoi i V. N. Vsevolodskogo-Gerngrossa. Petrozavodsk, Gos. izd-vo Karelo-Finskoi SSR, 1948. 144 p. (Biblioteka russkogo fol'klora Karelii)
(MH)

ROMANCHENKO, I. S. [Atheistic views of T. H. Shevchenko] Ateizm T. H. Shevchenka. Kyiv, Derzh. vyd-vo khudozh. lit-ry, 1962. 96 p.

ROZANOV, G., ed. [Seven matches; stories. Translated from the Chinese] Sem' spichek; rasskazy. Moskva, Izd-vo inostr. lit-ry, 1961. 291 p.

ROZITIS, PAVILS. [Works] Rakati. Riga, Latvijas Valsts izdevnieciba. [In Latvian]
Vol. 3. Romans Ceplis, 1961. 358 p.
Vol. 4. [The boys from Valmiera, a novel] Romans Valmieras puikas. 1961. 290 p.

RUSAKOV, G. A. [Howling winds, verse] Gorlastye vetry; stikhi. [Kuibyshev] Kuibyshevskoe knizhnoe izd-vo, 1960. 36 p.
(MH)

[RUSSIAN-CZECH-SLOVAK POCKET DICTIONARY] Karmannyi Russko-Cheshsko-Slovatskii slovar'. Sost. N. R. Buravtseva i IA. Lebedeva. Pod red. M. Filkusovoi. 8000 slov. Moskva, Gos. izd-vo inostr. i natsional'nykh slovarei, 1961. 507 p.

RUSTAMOV, R. A. [The Kuba dialect] Kubinskii dialekt. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1961. 281 p. [In Azerbaijani]

SALTYKOVA, V. D. [Masha is twenty-seven years old, a novel] Mashe dvadtsat' sem' let, roman. Moskva, Sovetskii pisatel', 1960. 387 p.
(MH) (CtY)

SARYBAEV, SH. SH. [The interjection in the Kazakh language] Mezhdometie v kazakhskom iazyke. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1959. 136 p.

[SELECTED PAGES FROM SOVIET ARMENIAN LITERATURE, prose] Izbrannye stranitsy sovetskoi armianskoi literatury, prozа [Sostavili V. Grigorian, S. Pafazat] Erevan, Armgosizdat, 1960. 512 p.
(NN)

SETON, E. T. [Two little savages. Translated from the English] Malen'kie dikari. Moskva, Gos. izd-vo detskoi lit-ry, 1960. 235 p.
(MiD)

SGIBNEV, A. A. [Sentries of the motherland] Chasovye Rodiny. Moskva, Izd-vo DOSAAF, 1961. 105 p.

SHAGINIAN, M. S. [On Armenian literature and art] Ob armianskoi literature i iskusstve. Erevan, Izd-vo AN Armianskoi SSR, 1961. 227 p.

SHCHERBINA, V. R. [The age and the individual, literary and critical sketches] Epokha i chelovek, literaturno-kriticheskie ocherki. Moskva, Sovetskii pisatel', 1961. 476 p.
CU MH CtY

SHESTOPAK, M. M. [Voice of a great people] Golos velikogo naroda. [Kyiv] Vyd-vo Kyivs'koho univ., 1960. 150 p.
(NNC)

SHIROKOVA, A. G. [Czech language, a textbook for college] Cheshskii iazyk, dopushcheno v kachestve uchebnika dlia filologicheskikh fakul'tetov gosudarstvennykh universitetov i pedagogicheskikh vuzov SSSR. Moskva, Izd-vo lit-ry na inostr. iazykakh, 1961. 350 p.
(CaOTU) (RPB)

SHIRVANZADE, A. L. [Collected works in ten volumes] Sobranie sochinenii v desiati tomakh. Erevan, Armianskoe Gos. izd-vo. In Armenian. Author's real name: A. M. Movsesian]
Vol. 9. 1961. 613 p.

SHIVAZA, IA. [Spring breeze, verse] Chun lyn; syvyn. Frunze, Khyrkhyz guizhia chübanshe, 1960. 103 p. [In Dungan]

SHTOK, I. V. [Anchored square, a dramatic tale] IAkornaia ploshchad', dramaticheskaia povest'. Moskva, Iskusstvo, 1961. 78 p.
(MH)

SHUTENKO, G. K. [My eyes, verse] Moi glaza, stikhi. Minsk, Gos. izd-vo BSSR, 1961. 45 p.
(MH)

SLAVUTYCH, YAR. [Shevchenko's greatness] Velych Shevchenka. Winnipeg, Nakladom UVAN, 1961. 30 p. (Ukraina's'ka VII'na akademiia nauk. Seriia Literatura, no. 7)

SLONIMSKII, A. L. [Men of Chernigov, a tale of the revolt of the Chernigov Regiment] Chernigovtsy, povest' o vosstanii Chernigovskogo polka. Moskva, Gos. izd-vo detskoi lit-ry, 1961. 301 p. (Istoriko-revoliutsionnaia biblioteka)
(NN)

SOBKO, V. M. [Starry wings; an adventure novel] Zvezdnye kryl'ia, prikliuchencheskii roman. Kiev, "Radians'kyi pys'mennyk," 1962. 453 p.

SOFRONOV, A. V. [Selected works in two volumes] Izbrannye proizvedeniia v dvukh tomakh. Moskva, Gos. izd-vo khudozh. lit-ry.
Vol. 1. [Verse, songs, poems] Stikhotvoreniia, pesni, poemy. 1961.
Vol. 2. [Plays] P'esy. 1961.
(RPB)

SOKOLOV, V. D. [The Russian heart, stories] Russkoe serdtse; rasskazy. Moskva, Voen. izd-vo M-va obor. SSSR, 1962. 189 p.

SOLODAR', TS. S. [Short comedies; collected one-act plays] Malen'kie komedii; sbornik odnoaktnykh p'es. Moskva, Izd-vo "Iskusstvo," 1962. 142 p. (Repertuar khudozhestvennoi samodeiatel'nosti, no. 2)

SOLOV'EV, I. V. [Everyday life of the militia] Budni militsii. [Leningrad] Lenizdat, 1962. 262 p.

SOSYKBAEV, SATKYN. [In a sunny valley] Künostüu oröndö. Frunze, Kyrgyz mamlekettik basmasy, 1960. 140 p. [In Kirghiz]

SREMAC, STEVAN. [Vukadin. Translated from the Serbo-Croatian] Vukadin. Moskva, Gos. izd-vo khudozh. lit-ry, 1961. 286 p.

STARTSEV, I. I. [Bibliography of children's literature, 1958-1960] Detskaia literatura, bibliografiia, 1958-1960. Moskva, Gos. izd-vo detskoi lit-ry M-va prosv. RSFSR, 1961. 645 p.

STEL'MAKH, M. A. [Truth and falsehood (Marko Bessmertnyi); conclusion of the novel] Pravda i krivda (Marko Bessmertnyi), roman (okonchanie). Moskva, Gos. izd-vo khudozh. lit-ry, 1962. 94 p. (Roman-gazeta, no. 4(256))

STROGOV, VLADIMIR. [Capricious happiness] Kapriznoe schast'e. Mel'burn, 1960. 243 p.
(CLU)

SUKIASOVA, I. M. [Language and style of Koz'ma Prutkov's parodies] IAzyk i stil' parodii Koz'my Prutkova, leksiko-stilisticheskii analiz. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1961. 266 p.

SUNIK, O. P. [The verb in the Tungusic-Manchu Languages, morphology and form of the verb] Glagol v tunguso-man'chzhurskikh iazykakh, morfologicheskaia struktura i sistema form glagol'nogo slova. Moskva, Izd-vo Akad. nauk SSSR, 1962. 363 p.

SURIN, L. N. [One summer evening, stories] Letnim vecherom, rasskazy. [Cheliabinsk] Chelíabinskoe knizhnoe izd-vo, 1961. 56 p.
(MH)

SYZONENKO, O. O. [What is the purpose of life on earth, stories and a tale] Dlia choho zhyvesh na sviti, opovidannia i povist'. Kyiv, Radians'kyi pys'mennykh, 1961. 246 p.
(MH)

TIKHONOV, NIKOLAI., ed. [Daghestan lyric poetry. Translated from the languages of Daghestan] Dagestanskie liriki. Leningrad, Sovetskii pisatel', 1961. 402 p. (Biblioteka poeta. Bol'shaia seriia. 2. izd.)

TITOV, K. M. [A feeling that others care] Lokot' druga. Minsk, Gos. izd-vo BSSR, 1961. 86 p.
(MH)

TKACHENKO, M. M. [Chronicle of the life and works of T. H. Shevchenko] Litopys zhyttia i tvorchosti T. H. Shevchenka. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 325 p.

TOLSTOI, L. N. [Complete collected works] Polnoe sobranie sochinenii. Izd. osushchestvliaetsia pod nabliudeniem Gos. red. komissii. Moskva, Gos. izd-vo khudozh. lit-ry
Vols. 15-16. [Series one. Works.] Seriia pervaia. Proizvedeniia, 1955. 334, 253 p.
Vol. 28. [Series one. Works] Seriia pervaia. Proizvedeniia. 1957. 394 p.
Vol. 42. [Series one. Works] Seriia pervaia. Proizvedeniia. 1957. 714 p.

TRET'IAKOV, I. P. [My name is soldier, stories] Imia moe - soldat, rasskazy. Moskva, Voen. izd-vo M-va obor. SSSR, 1962. 203 p.

TRUKH, ANDRII. [Ukrainian language, a grammar of the Ukrainian language, a manual for youth] Ukrains'ka mova; gramatyka ukrains'koi movy - pidruchnyk dlia iunatstva. Monder, Alta, Vyd-vo O. O. Vasylitan, 1947. 93 p.
(InU)

TSIMBAL, S. L. [Evgenii Shvarts, an account of his life and works] Evgenii Shvarts; kritiko-biograficheskii ocherk. [Leningrad, Sovetskii pisatel', 1961] 269 p.
(MH)

TSOMAKION, N. A. [Historical chrestomathy on Siberian dialectology] Istoricheskaia khrestomatiia po sibirskoi dialektologii. Krasnoiarsk, 1960. 320 p.
(MH)

TSYDENDAMBAEV, CH. TS. [Dorzhi, son of Banzar. Translated from the Buryat] Dorzhi, syn Bauzara. [Novosibirsk] Novosibirskoe knizhnoe izd-vo] 1961. 423 p. (Biblioteka sibirskogo romana, vol. 16)

TURGENEV, I. S. [Beshin meadow] Bezhin lug. Moskva, Gos. izd-vo detskoi lit-ry M-va prosv. RSFSR, 1950. 38 p.
(LU)

TURMANZHANOV, U., comp. [Kazakh proverbs and sayings] Kazaktyn maqaldary men metelderi. Almaty, Kazaktyn memlekettik korkem edebiet baspasy, 1959. 301 p. [In Kazakh]

TYMOSHENKO, P. D., comp. [Reader of materials related to the history of the Ukrainian literary language] Khrestomatiia materialiv z istorii ukrains'koi literaturnoi movy. Kyiv, Derzh. uchbovo-pedagog. vyd-vo "Radians'ka shkola."
Pt. 2. 1961. 345 p.

UIAR, EHVLDER, comp. [Chuvash stories, a collection. Translated from the Chuvash] Chuvashskie rasskazy, sbornik. Moskva, Sovets'kii pisatel', 1961. 307 p.

[UIGUR PROBERBS AND SAYINGS] Uigur maqal-temsilliri. Almuta, Kazakhstan dölet gözël edebiiat neshriiati, 1960. 202 p. [In Uigur]

[UIGUR TALES] Uigur chöchëklïri. Almuta, Kazakstan dölet gözël edebiiat neshriiati, 1960. 264 p. [In Uigur]

USHAKOV, N. N. [Spring in the republic, selected verse] Vesna respubliki, izbrannye stikhotvoreniia. Moskva, Izd-vo "Pravda," 1962. 30 p. (Biblioteka 'Ogonek," no. 3)

USHAKOV, M. V. [Exercises on orthography in secondary schools] Uprazhneniia po orfografii v srednei shkole, posobie dlia uchitelia. Izd. 3, perer. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1962. 205 p.

VAGNER, L., and N. GRIGOROVICH. [A talk on the artist Aivazovskii] Povest' o khudozhnike Aivazovskom. [Sukhumi] Abgosizdat, 1961. 249 p.

VASILENKO, I. D. [Life and adventures of a starveling] Zhizn' i prikliuchenia zamorysha. Moskva, Gos. izd-vo detskoi lit-ry M-va prosv. RSFSR, 1962. 460 p. (Shkol'naia biblioteka)

VINNIK, A. IA. [Lass from Kalinka, a story] Devushka iz Kalinki, rasskaz. Stalino, Knizhnoe izd-vo, 1959. 27 p.
(WU)

VORONIN, S. A. [Two lives] Dve zhizni. Moskva, Gos. izd-vo khudozh. lit-ry, 1962. 111 p. (Roman-gazeta, no. 5(257))

VOVK, VIRA, pseud. [Black acacias, verse] Chorni akatsii, poezii. Rio de Janeiro, "Na hori," 1961. 62 p. (Serlia "Dlia amatoriv")
(CDU)

[WISE STORYTELLER, Ukrainian folk tales, fables, parables, and anecdotes] Mudryi opovidach, ukrains'ki narodni kazki, baiki, prytchi ta anekdoty. Kyiv, Vyd-vo Akad. nauk URSR, 1962. 230 p.

[WOMEN SOLDIERS, repertory collection] Boevye podrugi, repertuarnyi sbornik. Moskva, Voen. izd-vo M-va obor. SSSR, 1962. 127 p.

ZAITSEV, L. M., and G. SKUL'SKII. [White cliffs; a novel] Belye skaly, roman. Tallin, Estonskoe gos. izd-vo, 1959. 478 p.
(IU)

ZAKHARKIN, A. F. [Anton Pavlovich Chekhov, an account of his life and works] Anton Pavlovich Chekhov, ocherk zhizni i tvorchestva. Moskva, Sovetskaia Rossiia, 1961. 158 p.
(NN)

ZAPADOV, A. V. [Father of Russian poetry, on the works of Lomonosov] Otets russkoi poezii, o tvorchestve Lomonosova. Moskva, Sovetskii pisatel', 1961. 280 p.

ZARETSKII, A. I. [Materials of an entertaining nature on Russian grammar] Materialy po zanimatel'noi grammatike russkogo iazyka. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 60 p.

ZASENKO, O. IE. [Literary criticism and articles] Literaturno-krytychni narysy i statti. Kyiv, Derzh. vyd-vo khudozh. lit-ry, 1962. 540 p.

ZBANATS'KYI, IU. O. [Fate; stories] Dolia, opovidannia. Kyiv, Radians'kyi pys'mennyk, 1961. 282 p.
(MH)

ZELERANSKII, N. IA., and B. A. LARIN. [Mishka, Serega, and me, a tale] Mishka, Serega i ia, povest'. Moskva, Sovetskii pisatel', 1961. 286 p.
(MH)

ZEMTSOV, A., and others, comps. [Lenin's Pravda, 1912-1962] Leninskaia "Pravda," 1912-1962. [Moskva, Gazeta "Pravda," 1962] 1 v.

ZEMZARE, DAINA. [Latvian dictionaries up to 1900] Latviesu vardnicas, lidz 1900. gadam. Riga, Latvijas PSR Zinatnu akademijas izdevnieciba, 1961. 559 p. [In Latvian]

ZEROMSKI, STEFAN. [Story of sin, a novel. Translated from the Polish] Istoriia grekha; roman. Moskva, Goslitizdat, 1961. 502 p.
(CLU)

ZHURAVS'KA, I. D. [Ivan Franko and foreign writers] *Ivan Franko i zarubizhni literatury*. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 380 p.

12. GEOGRAPHY & GEOLOGY

AKADEMIIA NAUK SSSR. Biblioteka. [Feodosii Nikolaevich Chernyshev, bibliographic index and materials for his biography] Feodosii Nikolaevich Chernyshev; bibliograficheskii ukazatel' i materialy k biografii. Sost. V. A. Feider. Pod red. K. I. Shafranovskogo. Vstup. ocherk D. V. Nalivkina. Leningrad, 1961. 347 p.

AKADEMIIA NAUK SSSR. Institut etnografii. [Historical and ethnological atlas of Siberia] Istoriko-etnograficheskii atlas Sibiri. Pod red. M. G. Levina i L. P. Potapova. Moskva, Izd-vo Akad. nauk SSSR, 1961. 196 p.

AKADEMIIA NAUK SSSR. Institut etnografii. [Materials for a historicoethnographic atlas of Central Asia and Kazakhstan] Materialy k istoriko-etnograficheskomu atlasu Srednei Azii i Kazakhstana. Moskva, Izd-vo Akad. nauk SSSR, 1961. 197 p.
(DC)

AKADEMIIA NAUK SSSR. Institut geografii. [Problems of the Holocene, symposium of papers for the 6th Congress of the International Association for Quaternary Research, Warsaw, 1961] Voprosy golotsena, sbornik statei k VI Mezhdunarodnomu kongressu INKVA v Varshave, 1961. Red. M. I. Neishtadt i V. K. Gudelis. Vil'nius, In-t geografii AN SSSR, 1961. 382 p. [With summaries in English]

AKADEMIIA NAUK SSSR. Institut geografii. Biblioteka. [Publications of the Institute of Geography of the Academy of Sciences of the U. S. S. R., 1918-1958, a bibliography] Izdaniia Instituta geografii Akademii nauk SSSR, 1918-1958, bibliograficheskii ukazatel'. Sost. E. A. Stepanova i V. A. Sokolova. Moskva, 1959. 168 p.
(ICU)

AKADEMIIA NAUK SSSR. Kol'skii filial, Khibovsk. [Igneous formations of the Kola Peninsula] Magmaticheskie obrazovaniia Kol'skogo poluostrova. Moskva, Izd-vo Akad. nauk SSSR, 1962. 194 p.

AKADEMIIA NAUK SSSR. Komi filial, Syktyvkar. [Collection of works on geology and paleontology] Sbornik trudov po geologii i paleontologii. Syktyvkar, 1960. 402 p.

ALI-ZADE, A. A. [Akchagyl stage in Turkmenistan] Akchagyl Turkmenistana. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr. Vol. 1. 1961. 299 p.

ARKHIPOV, V. M., and E. P. BUSYGIN. [Antarctica and its exploration by Soviet scientists] Antarktida i ee issledovanie sovetskimi uchenymi. [Kazan'] Izd-vo Kazanskogo univ., 1959. 49 p.

BABINETS, A. E. [Underground waters in the southwestern part of the Russian Platform, distribution and conditions of formation] Podzemnye vody iugo-zapada Russkoi platformy; rasprostranenie i usloviia formirovaniia. Kiev, Izd-vo Akad. nauk USSR, 1961. 377 p.

BARANOV, V. A. [Forecasting the salt content of reservoir waters] Prognoz solevogo rezhima vodokhranilishch. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1962. 124 p.

BARKOV, A. S. [Problems on the methods and history of geography] Voprosy metodiki i istorii geografii; izbrannye raboty. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1961. 263 p.

BASHKIROV, G. S. [Dynamics of the shore zone of seas] Dinamika pribrezhnoi zony moria. Moskva, Izd-vo "Morskoi transport," 1961. 219 p.

BELOUSOV, V. V., and IU. M. SHEINMAN, eds. [Problems of tectonics] Problemy tektoniki, sbornik statei. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1961. 244 p.

BIELIUKAS, K. [Principles of limnology] Ezerotyros pagrindai. Vilnius, Lietuvos TSR Mokslu akademijos geologijos ir geografijos institutas, 1961. 357 p. [In Lithuanian]

BONDAR', L., and I. DUBININ. Mezhdurechensk. [Kemerovo] Kemerovskoe knizhnoe izd-vo, 1958. 34 p. (Goroda Kuzbassa)
(WaU)

CHARTOLANI, MIKHAIL. [History of the material culture of the Georgian people] Iz istorii material'noi kul'tury gruzinskogo naroda. Tbilisi, Izd-vo AN Gruz. SSR, 1961. 251 p. [In Georgian]
(MH)

DANILANS, I. [The Quaternary and its sediments in Latvia] Kvartara periods un ta nogulumi Latvija. Riga, Valsts izdevnieciba, 1961. 168 p. [In Latvian]

DIAGILEV, V. IA., and DM. MOLDAVSKII. [Records of encounters] Puti i vstrechi. [Leningrad] Izd-vo, 1960. 201 p.
(MH)

[DRUSKININKAY] Druskininkai. [Vilnius, Gos. izd-vo polit. i nauchno-lit-ry Litovskoi SSR, 1961] 1 v. [In Lithuanian]

EIPRE, T. F. [Analysis of methods used in working up daily discharges of rivers] Analiz sposobov obrabotki ezhednevnykh raskhodov vody rek. Pod red. V. V. Ukhanova. Leningrad, Gidrometeoizdat, 1961. 90 p. 11 diagrs.

ENDZELINS, J. [Place names in the Latvian SSR] Latvijas PSR vietvardi. Riga, Latvijas PSR Zinatnu akad. Izdevnieciba. [In Latvian]
Pt. 1, vol. 2. K - O. 1961. 505 p.

GLUSHKOV, B. F. Adler. 2., ispr. i dop. izd. [Krasnodar] Krasnodarskoe knizhnoe izd-vo, 1961. [4], 283 p.

GRIGOR'EV, D. P. [Ontogeny of minerals] Ontogeniia mineralov. [L'vov] Izd-vo L'vovskogo univ., 1961. 283 p.

GULBINSKIENE, A., V. CERNECKIS, and P. KAVALIAUSKAITIS. [Kaunas, its past, present and future] Kaunas jo praeitis, dabartis ir ateitis. [Kaunas] Valstybine politines ir mokslines literaturos leidykla, 1962. 143 p. illus. [In Lithuanian]

GVOZDETSKII, N. A. [Recent geographical explorations of Soviet scientists] Noveishie geograficheskie issledovaniia sovetskikh uchenykh. Moskva, Izd-vo "Znanie," 1961. 37 p. (Narodnyi universitet. Estestvennonauchnyi fakul'tet, no. 20)

HUNGARY. Kozponi Statisztikai Hivatal. [Hungary today] Nyugszhiliida Vengria. Budapest, Izd-vo "Pannonia," 1961. 206 p.

[HYDROLOGICAL YEARBOOK] Gidrologicheskii ezhegodnik. Leningrad, Gidrometeoizdat.

1958	Vol. 9	No. 0-6. Pod red. A. A. Vi[illegible]. 1961. 376 p.
1959,	Vol. 2	[Basin of the Black Sea (excepting that of the Caucasus)] Basseiny Chernogo moria (bez Kavkaza).
	No. 0-1	[Basin of the Black Sea (excepting that of the basin of the Dniester and the Basseiny Chernogo moria (bez basseina reki Dnepr. Pod red. O. I. TSelinskoi. 1961. 453 p.

IGNAT'EV, O. K. [From Argentina to Venezuela] Iz Argentiny do Venesuely. Moskva, Izd-vo "Znanie," 1961. 93 p.

ISACHENKO, A. G. [Physiogeographical maps] Fiziko-geograficheskoe kartirovanie. [Leningrad] Izd-vo Leningr. univ.
Pt. 3. 1961. 267 p.

KHODALEVICH, A. N. [Historical geology including paleontological elements] Istoricheskaia geologiia s elementami paleontologii. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 287 p.

KIRSNYS, V. Birstonas. [Vilnius, Valstybinis politines ir mokslines literaturos leidykla, 1961] pamphlet. [In Lithuanian]

KOLESNIKOV, M. S. Miklukho-Maklai. Moskva, Molodaia gvardiia, 1961. 270 p. (Zhizn' zamechatel'nykh liudei. Seriia biografii, no. 9)
(MH)

KOVALEVS'KA, T. M. [Lvov Province; geographical study] L'vivs'ka oblast'; geograficheskyi narys. Kyiv, Derzh. uchbovo-pedagog. vyd-vo "Radians'ka shkola," 1961. 122 p. (Oblasti Ukrains'koi RSR)

KRISHTOFOVICH, A. N. [Selected works] Izbrannye trudy. Moskva, Izd-vo Akad. nauk SSSR.
Vol. 2. [Works in geology, stratigraphy, and paleobotany, Far East] Geologicheskie, stratigraficheskie i paleobotanicheskie raboty; Dal'nii Vostok. 1962. 543 p.

KUCINS, J. [Dagda, guidebook for Dagda and its environs] Dagda, tas ismaceivedis pa Dagdu un tas apkartni. Riga, Latvijas Valsts Izdevnieciba, 1962. 81 p. [In Latvian]

KUZNETSOV, I. V., ed. [Russian scientists; sketches about outstanding workers in natural sciences and technology, geology and geography] Liudi russkoi nauki; ocherki o vydaiushchikhsia deiateliakh estestvoznaniia i tekhniki. Geologiia, geografiia. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1962. 579 p.

KUZNETSOV, IA. M. Mariinsk. [Kemerovo] Kemerovskoe knizhnoe izd-vo, 1960. 49 p (Goroda Kuzbassa) (MH)

KUZNETSOV, S. I., M. V. IVANOV, and N. N. LIALIKOVA [Introduction to geological microbiology] Vvedenie v geologicheskuiu mikrobiologiiu. Moskva, Izd-vo Akad. nauk SSSR, 1962. 238 p.

[LAND HYDROLOGY] Gidrologiia sushi. [By] N. A. Solomentsev i dr. Leningrad, Gidrometeor. izd-vo, 1961. 448 p.

LAPKINA, N. A. [Practical work in topography and cartography, a manual for students] Prakticheskie raboty po topografii i kartografii, posobie dlia studentov. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 119 p.
——— ——— ———Maps.

LATVIJAS PADOMJU SOCIALISTISKAS REPUBLIKAS ZINATNU AKADEMIJA. Vestures instituts [Archaeology and ethnography] Arheologija un etnografija; rakstu krajums. Riga, Latvijas PSR Zinatnu akad. izdevnieciba. [In Latvian]
Vol. 3. 1961. 172 p.

LIAPUNOV, B. V. [Ahead of us lies the ocean] Vperedi - okean! Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 177 p.

LILIENBERG, D. A. [Relief of the southern slope of the eastern part of the Greater Caucasus] Relief iuzhnogo sklona vostochnoi chasti Bol'shogo Kavkaza. Moskva, Izd-vo Akad. nauk SSSR, 1962. 243 p.

MAGIDOVICH, I. P. [The history of the discovery and exploration of North America] Istoriia otkrytiia i issledovaniia Severnoi Ameriki. Moskva, Gos. izd-vo geogr. lit-ry, 1962. 475 p (Otkrytie Zemli)

MAMAEV, O. I. [Zero dynamic surface of the world ocean] Nulevaia dinamicheskaia poverkhnost' Mirovogo okeana. Pod red. A. D. Dobrovol'skogo [Moskva] Izd-vo Mosk. univ., 1962. 210 p.

MEDONIS, AR. [Trakai. Translated from the Lithuanian] Trakai. Vil'nius, Gos. izd-vo polit. i nauchn. lit-ry Litovskoi SSR, 1961. 62 p.

MURZAEV, E. M. [Central Asia, studies of nature] Srednaia Aziia; ocherki prirody. Moskva, Gos. izd-vo geogr. lit-ry, 1961. 246 p.

NAUCHNOE SOVESHCHANIE PO IZUCHENIIU KARSTA, 3d, Moscow, 1959. [Survey of the state of karst studies in the U. S. S. R. and abroad] Obshchie voprosy karstovedeniia, [materialy]. Moskva, Izd-vo Akad. nauk SSSR, 1962. 240 p.

NOVOSIBIRSKAIA KONFERENTSIIA PO UCHENIIU O GEOLOGICHESKIKH FORMATSIIAKH, Novosibirsk, 1959. [Materials of the Novosibirsk Conference on the Study of Geological Formations] Materialy. Pod red. M. K. Korovina. [Novosibirsk] Novosibirskoe knizhnoe izd-vo.
Vol. 1. 1955. 221 p.

OLINSKII, M. IA., and V. I. SHLIAPOSHNIKOV. [The Crimea; guide and reference book] Krym; putovoditel'-spravochnik. Simferopol', Krymizdat, 1962. 262 p.

PALEES, S. [Through our homeland White Russia] Pa rodnai Belarusi. Minsk, Dziarzh. vyd-va BSSR, 1958. 173 p.
(NN)

PEREL'MAN, A. I. [Geochemistry of epigenetic processes; zone of supergene processes] Geokhimiia epigeneticheskikh protsessov; zona gipergeneza. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 149 p.

POLEVOI, B. P. [Grigorii Shelikhov, the Russian Columbus; a biographical sketch] Grigorii Shelikhov, Kolumb rossiiskii; biograficheskii ocherk. [Magadan] Magadanskoe knizhnoe izd-vo, 1960. 46 p.
(MH)

[PRESENT-DAY FOLK FESTIVALS AND RITUALS] Sovremennye narodnye prazdniki i obriady. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 109 p. (Bibliotechka sel'skogo klubnogo rabotnika, no. 16)

PRYIMAK, B. I. The city is striding toward the future] Misto krokuie v maibutnie. [Kyiv] Kyivs'ke oblasne knyzhkovo-gazetne vyd-vo, 1961. 92 p.

PUKIS, P. [Klaipeda] Klaipeda. Vil'nius, Gos. izd-vo polit. i nauchn. lit-ry Litovskoi SSR, 1959. 24 p.

ROMANOVA, E. A. [Geobotanical foundations for a hydrological study of highmoors using aerial photography] Geobotanicheskie osnovy gidrologicheskogo izucheniia verkhovykh bolot (s ispol'zovaniem aerofotos'emki). Leningrad, Gidrometeor. izd-vo, 1961. 243 p.

RUDKO, N. [Vilani, guidebook for Vilani and its environs] Vilani, turisma celvedis pa Vilanlem un to apkartni. Riga, Latvijas Valsts izdevnieciba, 1962. 84 p. [In Latvian]

RUDNYTS'KYI, STEPAN. [Elementary geography of the Ukraine] Pochatkova geografiia Ukrainy. 3. poprav'lene i poshyrene vyd. Dop., red. i oformlennia B. Romanenchuka. Philadelphia, Kyiv [1961] 216 p.
(IU)

RUDYNS'KYI, M. IA. [Kamennaya Mogila, collection of rock drawings] Kam'iana mohyla; korpus naskel'nykh rysunkiv. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 139 p. illus.

RUSANOV, B. S. [Hydrothermal movements of the earth's surface] Gidrotermicheskie dvizhenila zemnoi poverkhnosti. Moskva, Akad. nauk SSSR IAkutskii filial Sibirskogo otd-niia, 1961. 225 p.

RUSSIA (1923- U. S. S. R.) Glavnoe upravlenie geodezii i kartografii. [Conventional signs for the topographic map at a scale of 1:10,000] Uslovnye znaki dlia topograficheskoi karty masshtaba 1:10 000. Moskva, Izd-vo Geodez. lit-ry, 1961. 119 p.

RUSSIA (1923- U. S. S. R.) Glavnoe upravlenie geodezii i kartografii. [Jordan, Israel, Lebanon, Cyprus, 1 1000 000] Iordaniia, Livan, Izrail', Kipr, 1 1000 000. Moskva, Gos. izd-vo geogr. lit-ry, 1961
——— ——— ———Lebedev, B. A. [Text] 1960. 18 p.

RUSSIA (1923- U. S. S. R.) Ministerstvo geologii i okhrany nedr. [Methodological manual on hydrogeological surveying at the scales of 1:1,000,000 - 1:500,000 and 1:200,000 - 1:100,000] Metodicheskoe rukovodstvo po gidrogeologicheskoi s"emke masshtabov 1:1000000 - 1:500000 i 1:200000 - 1:100000. Pod obshchei red. A. A. Makkaveeva i A. S. Rinbchenkova. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1961. 318 p.

SHIBANOV, F. A. [Index of cartographic literature published in Russia from 1800 through 1917] Ukazatel' kartograficheskoi literatury, vyshedshei v Rossii s 1800 po 1917 god. [Leningrad] Izd-vo Leningr. univ., 1961. 222 p.

SHURYGIN, A. M. [Conditions governing the formation of structures in the southeastern Caucasus] Usloviia formirovaniia struktur IUgo-Vostochnogo Kavkaza. Moskva, Izd-vo Akad. nauk SSSR, 1962. 138 p.

[SIGHTS OF THE UKRAINE] Vyznachni mistsia Ukrainy 2., pereroblene i dopovnene vydannia. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1961. 785 p.

SOUKUP, FRANTIŠEK. [Czechoslovakia. Translated by A. Rudzroga] Čehoslovakija. Riga, Latvijas Valsts izdevnieciba, 1961. 136 p. [In Latvian]

SOVETSKAIA ANTARKTICHESKAIA EKSPEDITSIIA, 1955- [Transactions of the Soviet Antarctic Expedition, 1955] Trudy. Leningrad, Izd-vo "Morskoi transport."
Vol. 16. Kapitsa, A. P. [Dynamics and morphology of the ice cap in the central sector of eastern Antarctica] Dinamika i morfologiia lednikovogo pokrova tsentral'nogo sektora Vostochnoi Antarktidy. Pod red. P. S. Voronova. 1961. 92 p.
[MICROFILM]

STEFANOVA, LILIANA. [I shall remember you, Uzbekistan; traveler's notes] Budu pomnit' tebia, Uzbekistan, putevye zametki. Tashkent, Gos. izd-vo khudozh. lit-ry, UzSSR, 1960. 142 p.

STROEV, K. F. [Geography of the U. S. S. R.; textbook for the seventh and eighth grades of the eight-year school] Geografiia SRSR; pidruchnyk dlia 7-8 klasiv vos'myrichnoi shkoly. Kyiv, Derzh. uchbovo-pedagog. vyd-vo "Radians'ka shkola," 1961. 282 p.

[THE UKRAINE IN PHOTOGRAPHS, album compiled from photographs shown at two photo-exhibitions: "Soviet Ukraine", 1960 and "The seven-year plan in action", 1961] Ukraina u fotoilustratsiiakh; al'bom pobudovano na osnovi ekspozytsii respublikans'koi fotovystavky "Radians'ka Ukraina", 1960 r. Ta robit ukrains'kykh fotomalstriv, predstavlenykh na Vsesoiuznii vystavtsi "Semyrichna v dii," 1961 r. Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry URSR, 1961. [11] p. illus.
——— ——— ———Supplement [In English, French, and German]

[UKRAINIAN FOLK ART; clothing] Ukrains'ke narodne mystetstvo; vbrannia. Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry URSR, 1961. 325 p. incl. plates.

USPENSKAIA, V. V. [Simferopol, history and regional study] Simferopol', istoriko-kraevedcheskii ocherk. Simferopol', Krymizdat, 1961. 196 p.

VALIASHKO, M. G. [Geochemical features of the formation of deposits of potassium salts] Geokhimicheskie zakonomernosti formirovaniia mestorozhdenii kaliinykh solei. Pod red. A. P. Vinogradova. [Moskva] Izd-vo Mosk. univ., 1962. 396 p.

VASIL'EV, V. G., V. V. KOVAL'SKII, and N. V. CHERSKII [Origin of diamonds] Problema proiskhozhdeniia almazov. IAkutsk, IAkutskoe knizhnoe izd-vo, 1961. 151 p.

ZARIDZE, G. M. [Petrography of igneous and metamorphic rocks in Georgia] Petrografiia magmaticheskikh i metamorficheskikh porod Gruzii. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1961. 381 p.

ZHUZE, A. P. [Stratigraphic and paleogeographic studies in the northwestern part of the Pacific Ocean] Stratigraficheskie i paleogeograficheskie issledovaniia v severo-zapadnoi chasti Tikhogo okeana. Moskva, Izd-vo Akad. nauk SSSR, 1962. 257 p. [With Summary in English]

13. SCIENCE

ABISHEV, KHASEN. [Popular astronomy] Khalyk astronomiiasy. Almaty, Kazak memleket baspasy, 1959. 319 p. [In Kazakh]

[ABSTRACTS OF REPORTS AND COMMUNICATIONS AT THE CONFERENCE ON CYCLOTRON PROBLEMS, April 10, 1961] Reziume dokladov i soobshchenii po obmenu opytom i po nauchnym issledovaniiam na tsiklotronakh. Krakov, In-t iadernoi fiziki, 1961. 137 p. [In Russian and English]
(NJP)

ADABASHEV, I. I. [Reason against the elements] Razum protiv stikhii. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1962. 270 p.

AKADEMIIA NAUK AZERBAIDZHANSKOI SSR, Baku. Terminologicheskii komitet. [Dictionary of zoological terms, Russian-Azerbaijani] Slovar' terminov po zoologii. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1961. 106 p.

AKADEMIIA NAUK KIRGIZSKOI SSR, Frunze. Institut fiziki, matematiki, mekhaniki. [Studies on integral-differential equations in Kirghizistan] Issledovaniia po integro-differentsial'nym uravneniiam v Kirgizii. Frunze, Izd-vo AN Kirgizskoi SSR
Vol. 1. 1961.
(NjP)

AKADEMIIA NAUK SSSR. Vasilii Grigor'evich Fesenkov. Vstup. stat'ia N. B. Divari. Bibliografiia sostavlena O. V. Isakovoi. Moskva, 1961. 114 p. (Materialy k bibliografii uchenykh SSSR. Seriia astronomii, vyp. 1)

AKADEMIIA NAUK SSSR. Institut geografii. [Materials on glaciological research: Novaya Zemlya, meteorology] Materialy glatsiologicheskikh issledovanii. Novaia Zemlia; meteorologiia. Moskva. [With summary in English]
No. 2. Davidovich, N. V., Z. M. Kanevskii, and O. P. Chizhov. [Principal meteorological observations] Osnovnye meteorologicheskie nabliudeniia. 1961. 130 p.

AKADEMIIA NAUK SSSR. Institut geografii. [Materials on glaciological research: Zagorsk, heat balance] Materialy glatsiologicheskikh issledovanii. Zagorsk, teplovoi balans. Moskva. [With summary in English]
No. 3. Anan'eva, L. M., and IU. L. Raunol. [Gradient observations. Cloudiness. Atmospheric phenomena] Gradientnye nabliudeniia. Oblachnost'. Atmosfernye iavleniia. 1961. 160 p.

AKADEMIIA NAUK SSSR. Institut geokhimii i analiticheskoi khimii. [Spectral determination of rare and dispersed elements in minerals, rocks, soils, plants, and natural waters] Spektral'noe opredelenie redkikh i rasseiannykh elementov, v mineralakh i porodakh, pochvakh, rasteniiakh i prirodnykh vodakh. [By] T. F. Borovik-Romanova i dr. Moskva, Izd-vo Akad. nauk SSSR, 1962. 239 p.

AKADEMIIA NAUK SSSR. Institut teoreticheskoi astronomii. [Ephemerides of minor planets for 1962] Efemeridy malykh planet na 1962 god. Moskva, Izd-vo Akad. nauk SSSR.
Vol. 16. 1961. 173 p.

AKADEMIIA NAUK SSSR. Institut zemnogo magnetizma, ionosfery i rasprostraneniia radiovoln. [Materials of ionospheric research: Moscow (Krasnaya Pakhra)] Materialy ionosfernykh issledovanii: Moskva, (Krasnaia Pakhra). Moskva,
July-Aug. 1957. 1960. 78 p.

Sept -Oct 1957 1960 71 p
Nov -Dec 1957 1960 67 p
Jan -Feb 1958 1960 71 p
Mar -Apr 1958 1960 75 p
May-June 1958 1960, 76 p
July-Aug 1958 1960 63 p
Sept -Oct 1958 1960 73 p.
Nov -Dec 1958 1960 67 p

AKADEMIIA NAUK SSSR. Institut zemnogo magnetizma, ionosfery i rasprostraneniia radiovoln. [Materials of ionospheric research Sakhalin'] Materialy ionosfernykh issledovanii Sakhalina. Moskva
July-Sept., Dec. 1957 1960 67 p
Jan -Apr 1958, 1960, 69 p
May-June 1958 1960, 61 p
July-Aug 1958 1960 67 p
Sept -Oct 1958 1960 59 p

AKADEMIIA NAUK SSSR. Institut zemnogo magnetizma, ionosfery i rasprostraneniia radiovoln. [Materials of ionospheric research Yakutsk.] Materialy ionosfernykh issledovanii Yakutsk. Moskva
Jan -Apr 1958 1960, 59 p
May-Aug 1958 1960 75 p

ALKSNIS, ANDREJS. [Stars and nebulae] Zvaigznes un miglaji. Riga, Latvijas PSR Zinatnu akademijas izdevnieciba, 1961. 98 p. [In Latvian]

ANDRONIKASHVILI, E. L., and others. [Laboratory works on physics, mechanics, molecular physics, electricity, and magnetism] Laboratornye raboty po fizike, mekhanike, molekuliarnaia fizike, elektrichestvu i magnetizmu. Pod red. E. L. Andronikashvili. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 182 p.

[ANNIHILATION OF POSITRONS IN SOLIDS. Translated articles. Preface by G. S. Zhdanov.] Annigiliatsiia pozitronov v tverdykh telakh, sbornik statei. Moskva, Izd-vo inostr. lit-ry, 1960. 228 p. [Problemy fiziki]

BABIKOV, V. V. [Gamma radiation from a compound nucleus having a large angular momentum] O γ-izluchenii sostavnogo iadra s bol'shim momentom vrashcheniia. Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 7 p. [With summary in English]

BAIDAL, M. KH. [Long-range weather forecasting by the complex large-scale circulation method] Kompleksnyi makrotsirkuliatsionnyi metod dolgosrochnykh prognozov pogody. Pod red. A. S. Utesheva. Leningrad, Gidrometeor. izd-vo, 1961. 211 p.

BALAISIS, ROMUALDAS. [Study of equations] Lygciu tyrimas. Kaunas, Valstybine pedagogines literaturos leidykla, 1961. 89 p. [In Lithuanian]

BANNIKOV, A. G., ed. [Biology of the saiga] Biologiia saigaka. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 335 p.

BARASHENKOV, V. S. [Elastic interactions of particles at high energies] Uprugie vzaimodeistvila chastits pri bol'shikh energiiakh. Dubna, Ob"edinennyi in-t iadernykh issl., 1961. 117 p.

BERMANT, A. F. [Brief course in mathematical analysis for technical institutes] Kratkii kurs matematicheskogo analiza dlia vtuzov. Pri redaktsionnom uchastii I. G. Aramanovicha. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 663 p.

BRAZDZIUNAS, POVILAS. [General physics] Bendroji fizika. Vilnius, Valstybine Politines ir moksliines literaturos leidykla. [In Lithuanian]
Pt. 2. [Electricity and electromagnetism] Elektra ir elektromagnetizmas. Redagavo V. Vanagas. 1961. 405 p.

BRAZIER, MARY AGNES BURNISTON. [The electrical activity of the nervous system. Translated from the English] Elektricheskaia aktivnost' nervnoi sistemy. Moskva, Izd-vo inostr. lit-ry, 1955. 215 p. (NNC-M)

BUDAGOV, IU. A., and others. [Interaction of 153 Mev. negative π-mesons and helium] Vzaimodeistvie otritsatel'nykh π-mezonov s geliem pri energii 153 Mev. Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 32 p. [With summary in English]

BYT'KO, N. D. [Physics for secondary special correspondence schools] Fizika dlia zaochnykh srednikh spetsial'nykh uchebnykh zavedenii. Moskva, Gos. izd-vo "Vysshaia shkola."
Pts. 1-2. [Mechanics. Molecular physics and heat] Mekhanika. Malekuliarnaia fizika i teplota. 1961. 323 p.

CHUKANTSOV, S. M. [Laboratory works on mathematics; manual for teachers] Laboratornye raboty po matematike, posobie dlia uchitelei. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 102 p.

CIMAHOVICA, N. [Broadcasting from space] Raida kosmoss. Riga, Latvijas PSR Zinatnu akademijas izdevnieciba, 1961. 70 p. [In Latvian]

COWLING, T. G. [Magnetohydrodynamics. Translated from the English] Magnitnaia gidrodinamika. Pod red. M. A. Leontovicha. Moskva, Izd-vo inostr. lit-ry, 1959. 132 p. (Problemy fiziki)
(WaU)

CUDARS, JAZEPS. [Elementary particles] Elementardalinas. Riga, Latvijas PSR Zinatnu akademijas izdevnieciba, 1961. 86 p. [In Latvian]

DENCHEV, R. [Certain operators related to an equation of the type of Low's equation of scattering] O nekotorykh operatorakh, sviazannykh s odnim uravneniem tipa uravnenii rasseianiia Lou. Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 10 p. [With summary in English]

DENCHEV, R. [One nonlinear singular integral equation of the type of Low's equation of scattering] Ob odnom nelinelnom singuliarnom integral'nom uravnenii tipa uravnenii rasseianiia Lou. Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 13 p. [With summary in English]

DORFMAN, IA. G. [Diamagnetism and chemical bonds] Diamagnetizm i khimicheskaia sviaz'. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 231 p. (Sovremennye problemy fiziki)

EULER, LEONHARD. [Introduction to the analysis of infinite series. Translated from the Latin] Vvedenie v analiz beskonechnykh. Moskva, Gos. izd-vo fiziko-matem. lit-ry. 2 v.
Vol. 1, 2 izd. 1961.
(RPB)

EZHOV, A. I. [Flattening and calculation of distribution series] Vyravnivanie i vychislenie riadov raspredelenii. Moskva, Gosstatizdat, 1961. 335 p.

FADDEEVA, V. K. [Methods of the experimental investigation of the higher nervous function of man; child and adult, the healthy and the sick] Metodika eksperimental'nogo issledovaniia vysshei nervnoi deiatel'nosti cheloveka; rebenka i vzroslogo, zdorovogo i bol'nogo. Moskva, Medgiz, 1960. 253 p.

[FAUNA OF THE UZBEK S. S. R.] Fauna Uzbekskoi SSR. Tashkent, Izd-vo Akad. nauk Uzbekskoi SSR.
Vol. 3. Ishunin, G. I. [Mammals (carnivores and ungulates)] Mlekopitaiushchie (khishchnye i kopytnye). 1961. 229 p.

[FLORA OF UZBEKISTAN] Flora Uzbekistana. Tashkent, Izd-vo Akad. nauk Uzbekskoi SSR.
Vol. 5. 1961. 666 p.

FOMENKO, V. S. [Emissivity of elements and chemical compounds, handbook] Emissionnye svoistva elementov i khimicheskikh soedinenii, spravochnik. Pod red. G. V. Samsonova. Kiev, Izd-vo Akad. nauk USSR, 1961. 48 p.

GALKIN, A. A. [Teeth of a dragon] Zuby drakona. Moskva, Gos. izd-vo polit. lit-ry, 1961. 56 p.

GEOGRAFICHESKOE OBSHCHESTVO SSSR. Fenologicheskii sektor. [Concise program of phenological observations on insects; European part of the forest zone] Kratkaia programma fenologicheskikh nabliudenii za nasekomymi; Evropeiskaia chast' lesnoi zony. Leningrad, 1961. 48 p.

GOL'DFAIN, I. A. [Vector analysis and field theory] Vektornyi analiz i teoriia polia. Pod red. R. S. Gutera. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1962. 132 p. (Izbrannye glavy vysshei matematiki dlia inzhenerov i studentov vtuzov)

GOLOVINA, L. I., and I. M. IAGLOM. [Induction in geometry] Induktsiia v geometrii. Izd. 2., ispr. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 98 p. (Populiarnye lektsii po matematike, no. 21)

GREBENCHA, M. K., and S. I. NOVOSELOV. [Course in mathematical analysis] Kurs matematicheskogo analiza. Izd. 3. Moskva, Gos. izd-vo "Vysshaia shkola."
Pt. 2. 1961. 560 p.

GUBAREV, E. M. [Basic metabolic processes in microbes] Osnovnye protsessy obmena veshchestv u mikrobov. Moskva, Medgiz, 1961. 295 p.

GUTMANIS, KRISTS. [Biochemical composition of fruits of the Latvian S. S. R.] Latvijas PSR auglu biokimiskala sastavs. Riga, Latvijas PSR Zinatnu akademijas izdevnieciba, 1961. 96 p. [In Latvian]

HAUY, R. J. [Structure of crystals, selected [illegible]. Translated from the French] Struktura kristallov, izbrannye trudy. Sostavlenie, stat'ia i primechaniia I. I. Shafranovskogo. Redaktsiia A. V. Shubnikova i G. B. Bokiia. [Moskva] Izd-vo Akad. nauk SSSR, 1962. 175 p. (Akademiia nauk SSSR. Klassiki nauki)

IABLOKOV-KHNZORIAN, S. M. [Reproduction, [illegible] of the fauna of coleopterans in Armenia] Opyt vosstanovleniia genezisa fauny zhestkokrylykh, Izd-vo Erevan. Izd-vo Akad. nauk Armianskoi SSR, 1962. 263 p.

[INSTRUCTIONS FOR THE OBSERVATION OF [illegible] CENT CLOUDS] Instruktsiia dlia nabliudenii [illegible] bristykh oblakov. Moskva, Izd-vo Akad. nauk [illegible] 1957. 21 p.
(DC)

IVANAUSKAS, T., J. MURASKA, and T. ZDRAVP[illegible] [Zuvintas Lake Preserve] Zuvintas. Vilnius, [illegible] bine politines ir mokslines literaturos leid[illegible] 46 p. [In Lithuanian]

JODIKAITIS, JERONIMAS. [Descriptive geometry] Braizomoji geometrija. Vilnius, Valstybine [illegible] ir moksliines literaturos leidykla, 1961. [illegible] Lithuanian]

KACALOVA, OLGA, and RUTA LAGANOVSKA. [illegible] for fish in the lakes of the Latvian S. S. R.] [illegible] bariibas baze Latvijas PSR ezeros. Riga, Latvijas PSR Zinatnu akademijas izdevnieciba, 1961. [illegible], Latvian]

KAPUSTIN, A. P. [Effect of ultrasound on the [illegible] crystallization] Vliianie ul'trazvuka na kinetiku kristallizatsii. Moskva, Izd-vo Akad. nauk SSSR, 1962. 106 p.

KERBABAEV, B. B. [Russian-Turkmen dictionary of botanical terms] Russko-turkmenskii slovar' botanicheskikh terminov. Ashkhabad, Izd-vo Akad. nauk Turkmenskoi SSR, 1960. 100 p.

KIM, CHE-P'YŎN [Kim Ze Pkhen]. [Regularization of an equation of the Chow-lou type for the process $\pi + N \to 2\pi + N$] Regularizatsiia uravneniia tipa Chu-lou dlia protsessa $\pi + N \to 2\pi + N$. Dubna, Ob"edinennyi in-t iadernykh issl., 1962. [illegible] [With summary in English].

KOKHNO, M. A. [Maple in the wooded steppe [illegible] the Ukraine, biological characteristics and [illegible] Kleny lisostepovykh dibrov Ukrainy, biologicheskie osoblivosti ta ekologiia. Kyiv, Vyd-vo Akad. nauk URSR, 1962. 49 p.

KOLLOKVIUM MOLODYKH FIZIOLOGOV [illegible] Leningrad, 1959. [Growth promoting substances [illegible] their role in growth processes and plant development. Rostovye veshchestva i ikh rol' v protsessakh [illegible] i razvitiia rastenii, materialy kollokviuma [illegible] nogo v Leningrade 30 ianv. - 2 fevr. 1959. [illegible] fiziologii i biokhimii rastenii Vsesoiuznogo [illegible] skogo obshchestva. Leningrad, 1959. 114 p.
(ICMIL,C)

KOL'MAN, E., and A. P. IUSHKEVICH. [Mathematics before the Renaissance] Matematika do epokhi Vozrozhdeniia. Moskva, Gos. izd-vo fiziko-matem. lit-ry.
[Book 2] Iushkevich, A. P. [History of mathematics in the Middle Ages] Istoriia matematiki Srednie veka. 1961. 448 p.

KONFERENTSIIA MOLODYKH NAUCHNYKH SOTRUDNIKOV MOSKOVSKIKH MORFOLOGICHESKIKH LABORATORII, 1st. [Transactions of the First Conference of Young Staff Members of Morphological Laboratories in Moscow] Trudy. Pod red. T. A. Grigor'evoi, A. V. Zelenina i G. A. Savich. Moskva, Vsesoiuznoe ob-vo anatomov, gistologov i embriologov, 1959. [illegible] [MICROFILM]

KORYTNIKOV, S. N., M. I. LAVROV, and D. IA. MARTYNOV. [Bibliography of spectral binary stars] Bibliografiia spektral'no-dvoinykh zvezd. Moskva, Izdana Astronomicheskim Sovetom Akad. nauk SSSR.
No. 1. [From 0 hrs. to 6 hrs A. M. compiled by an order of the Committees 6 and 42 of the International Astronomical Association] Ot 0^h do 6^h. Sostavlena po poruchen[illegible] Komissii 6 i 42 Mezhdunarodnogo Astronomicheskogo Soiuza. 1961. 153 p.

KOSHLIAKOV, N. S., E. B. GLINER, and M. M. SMI[illegible] [Differential equations in mathematical physics] Differentsial'nye uravneniia matematicheskoi fiziki. Pod obshchim rukovodstvom N. S. Koshliakova. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1962. 767 p.

KRAVCHENKO, I. V. [Meteorology for air pilots] Letchiku o meteorologii. Izd. 3., porer. i dop. Moskva, Voen. izd-vo M-va obor. SSSR, 1962. [illegible]

KHVOSHEI, V. D. [Manual for the solution of problems in theoretical mechanics, statics] Rukovodstvo po resheniiu zadach teoreticheskoi mekhaniki, statika. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1961. 287 p.

KHRIAVTSEV, D. B. [World in a grain of sand, a story of simple things] Mir v peschinke, rasskaz o prostykh veshchakh. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1961. 157 p.

KULIABKO, E. S. [M. V. Lomonosov and the educational activity of the Peterburg Academy of Sciences] M. V. Lomonosov i uchebnaia deiatel'nost' Peterburgskoi Akademii nauk. Moskva, Izd-vo Akad. nauk SSSR, 1962. 211 p.

LACHINOV, V. M. [High-speed scaling storage circuits] Bystrodeistvuiushchie pereschetnye nakopitel'nye skhemy. Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 10 p. [With summary in English]

LANDAU, L. D., and E. M. LIFSHITS. [Field theory] Teoriia polia. Izd. 4., ispr. i dop. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1962. 422 p. (Their Teoreticheskaia fizika, t. 2.)

LATVIJAS PADOMJU SOCIALISTISKAS REPUBLIKAS ZINATNU AKADEMIJA. Fundamentala biblioteka. [Academician Gustavs Vanags, a biobibliography] Akademikis Gustavs Vanags; biobibliografija. Riga, Latvijas PSR Zinatnu akademijas Izdevnieciba, 1961. 110 p. (Padomju Latvijas zinatnieki)

LATVIJAS PADOMJU SOTSIALISTISKAS REPUBLIKAS ZINATNU AKADEMIJA. Organiskas sintezes instituts. [Thio-TEPA] TioTEFA. Riga, Izd-vo Akad. nauk Latviiskoi SSR, 1961. 180 p.

LAVRENT'EV, M. A. [Variational method in boundary value problems for systems of equations of the elliptic type] Variatsionnyi metod v kraevykh zadachakh dlia sistem uravnenii ellipticheskogo tipa. Moskva, Izd-vo Akad. nauk SSSR, 1962. 135 p.

LEL'CHUK, S. I., and V. S. TUBIANSKAIA. [Physicochemical properties of some organosilicon compounds] Fiziko-khimicheskie svoistva nekotorykh kremniiorganicheskikh soedinenii. Moskva, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1961. 38 p.

LENINGRAD. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT GALURGII. [Manual of experimental data on the solubility of salt systems] Spravochnik eksperimental'nykh dannykh po rastvorimosti solevykh sistem. Leningrad, Gos. nauchno-tekhn. izd-vo khim. lit-ry.
Vol. 3. [Two-component systems; elements of the I group and their compounds] Dvukhkomponentnye sistemy, elementy I gruppy i ikh soedinenitia. Sost. A. B. Zdanovskii i dr. Pod red. V. V. Viazovova, A. D. Pel'sha, 1961. 2224 p.

LEONT'EV, N. I. [Technique of statistical calculations] Tekhnika statisticheskikh vychislenii. Moskva, Gosstatizdat, 1961. 231 p.

LIDSKII, V. B., and others. [Problems in elementary mathematics] Zadachi po elementarnoi matematike. Izd. 2., stereotipnoe. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1962. 463 p.

LIETUVOS TSR MOKSLU AKADEMIJA, Vilna. [Science in Soviet Lithuania] Moksias Tarybu Lietuvoje. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 334 p. [In Lithuanian with summaries in Russian]

LIETUVOS TSR MOKSLU AKADEMIJA. Vilna, Botanikos institutas. [Flora of the Lithuanian S. S. R.] Lietuvos TSR flora. Redagavo M. Natkevicaite-Ivanauskiene. Vilnius, Valstybine politines ir mokslines literaturos leidykla. [In Lithuanian]
Vol. 3. 1961. 661 p.

LIETUVOS TSR MOKSLU AKADEMIJA. Vilna. Gamtos mokslu ir technikos istorijos komisija. [M. V. Lomonosov] M. Lomonosovas. Redagavo P. Slavenas. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 81 p. [In Lithuanian]

LOGUNOV, A. A., I. T. TODOROV, and N. A. CHERNIKOV [Surface of singular points of a Feynman diagram] Poverkhnost' osobykh tochek diagrammy Feinmana. Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 20 p. [With summary in English].

LUKOMSKII, IA. I. [The theory of correlation and its application in production analysis] Teoriia korreliatsii i ee primenenie k analizu proizvodstva. Moskva, Gosstatizdat, 1961. 374 p.

MAGNITSKII, V. A. [Theory of the earth's figure] Teoriia figury Zemli. [By] V. V. Brovar, V. A. Magnitskii i B. P. Shimbirev. Moskva, Izd-vo geodez. lit-ry, 1961. 256 p.

MALENEV, F. E. [Microelements in phytopathology] Mikroelementy v fitopatologii. Leningrad, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 119 p.

MARKUSHEVICH, A. I. [Brief course in the theory of analytic functions] Kratkii kurs teorii analiticheskikh funktsii. Izd. 2., stereotipnoe. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 335 p.

MELENT'EV, P. V. [Approximate computation] Priblizhennye vychisleniia. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1962. 388 p. (Fiziko-matematicheskaia biblioteka inzhenera)

MOKHNACH, V. O. [Iodine compounds with high polymers, their antimicrobial and therapeutic properties] Soedinenitiaioda s vysokopolimerami, ikh antimikrobnye i lechebnye svoistva. Moskva, Izd-vo Akad. nauk SSSR, 1962. 176 p.

MOSCOW. GLAVNYI BOTANICHESKII SAD. [Native plants of the U. S. S. R., brief summary of introduction work in the Main Botanical Garden of the Academy of Sciences of the U. S. S. R.] Rastenitia prirodnoi flory SSSR, kratkie itogi introduktsii v Glavnom botanicheskom sadu Akademii nauk SSSR. Moskva, Izd-vo Akad. nauk SSSR, 1961. 369 p.

MOSCOW. UNIVERSITET. [Gravimetric investigations at sea] Morskie gravimetricheskie issledovaniia, sbornik statei. [Moskva] Izd-vo Mosk. univ.
No. 1. 1954-1958. Pod red. V. V. Fedynskogo. 1961. 110 p.

NASONOV, D. N. [Local responses of protoplasm and propagated excitation] Mestnaia reaktsiia protoplazmy i rasprostraniaiushcheesia vozbuzhdenie, 2. Izd. Moskva, Izd-vo Akad. nauk SSSR, 1962. 426 p.

NEDIALKOV, I. P. [Reduction of solutions of elliptic differential equations] Reduktsiia reshenii differentsial'nykh uravnenii ellipticheskogo tipa. Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 9 p.

NGUEN VAN KHI'EU. [Angular distribution of the decay products of intermediate vector mesons generated in the process $e^+ + e^- \rightarrow B^+ + B^-$] Uglovoe raspredelenie produktov raspada promezhutochnykh vektornykh *mezonov* v protsesse $e^+ + e^- \rightarrow B^+ + B^-$. Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 5 p. [With summary in English]

NIKITIN, V. M. Lignin. Moskva, Goslesbumizdat, 1961. 314 p.

NIKOLENKO, L. N. [Practical laboratory work in intermediate products and dyes] Laboratornyi praktikum po promezhutochnym produktam i krasitteliam. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 383 p.

NIKOL'SKII, V. V. [Electromagnetic field theory] Teoriia elektromagnitnogo polia. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 370 p. [MICROFILM]

NITSENKO, A. A. [Changes in the natural vegetation of Leningrad Province under the influence of man] Izmenenie estestvennoi rastitel'nosti Leningradskoi oblasti pod vozdeistviem cheloveka. [Leningrad] Izd-vo Leningr. univ., 1961. 46 p.

OGNEV, S. I. [Forest life] Zhizn' lesa. Moskva, Izd-vo Akad. nauk SSSR, 1962. 158 p.

ORLOV, A. G., and B. T. MELEKH. [Spectrochemical analysis of chlorine, bromine, and iodine in elementary tellurium] Spektrokhimicheskoe opredelenie khlora, broma i ioda v elementarnom tellure. Leningrad, 1962. 16 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Kontrol' kachestva produktsii, no. 1)

ORLOV, V. I., and V. N. TROSTNIKOV. [Particles which constitute the world] Chastitsy, iz kotorykh sostoit mir. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 141 p.

[PAPERS OF THE ELEVENTH TO FOURTEENTH ANNUAL LECTURES IN MEMORY OF N. A. KHOLODKOVSKII] Doklady na odinnadtsatom - chetyrnadtsatom ezhegodnykh chteniiakh pamiati N. A. Kholodkovskogo, 1958-1961. Moskva, Izd-vo Akad. nauk SSSR, 1962. 100 p.

PEKHOV, A. P. [Deep into the invisible world; electron microscopy of microbes] V glub' nevidimogo mira; elektronnaia mikroskopiia mikrobov. Moskva, Izd-vo "Znanie," 1962. 30 p. (Novoe v zhizni, nauke, tekhnike. Seriia 8: Biologiia i meditsina, no. 2)

PESHKOVA, V. M., and M. I. GROMOVA. [Practical manual on spectrophotometry and colorimetry] Prakticheskoe rukovodstvo po spektrofotometrii i kolorimetrii. [Moskva] Izd-vo Mosk. univ., 1961. 172 p.

PETERSONE, ANNA. [Wild medicinal plants] Savvaiis ari sniecibas augi. Riga, Latvijas Valsts izdevnieciba, 1961. 457 p. [In Latvian]

PLATE, A. F., G. V. BYKOV, and M. S. EVENTOVA. Vladimir Vasil'evich Markovnikov, story of his life and scientific activity, 1837-1904] Vladimir Vasil'evich Markovnikov; ocherk zhizni i deiatel'nosti, 1837-1904. Moskva, Izd-vo Akad. nauk SSSR, 1962. 149 p.

POSVIANSKII, A. D. [Brief course in descriptive geometry] Kratkii kurs nachertatel'noi geometrii. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 270 p.

PRIBALTIISKAIA ORNITOLOGICHESKAIA KONFERENTSIIA 4th, Riga, 1960. [Ecology and migrations of birds in the Baltic, transactions] Ekologiia i migratsii ptits Pribaltiki, trudy. Redkollegiia E. K. Vilka i dr. Riga, Izd-vo Akad. nauk Latviiskoi SSR, 1961. 367 p. [With summaries in English]

[PROBLEMS OF COMPUTER ENGINEERING, uses of machinery, systems, and components] Voprosy vychislitel'noi tekhniki; mashiny, ustroistva, elementy i ikh primenenie. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1961. 182 p.

PROKH, L. Z. [The angry and the kind winds] Serditye i dobrye vetry. Leningrad, Gidrometeor. izd-vo, 1961. 150 p.

PROSKURIAKOV, I. V. [Collection of problems in linear algebra] Sbornik zadach po lineinoi algebre. Izd. 2. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1962. 332 p.

PUTOKHIN, N. I. [Organic chemistry] Organicheskaia khimiia. Izd. 3. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 376 p.

RABINOVICH, M. S., ed. [Plasma physics and magnetohydrodynamics. Translated articles] Fizika plazmy i magnitnaia gidrodinamika, sbornik statei. Moskva, Izd-vo inostr. lit-ry, 1961. 302 p. (Problemy fiziki)

RADOVSKII, M. I. [Aleksandr Stepanovich Popov; a biographic sketch] Aleksandr Stepanovich Popov; biograficheskii ocherk. Moskva, Izd-vo Akad. nauk SSSR, 1956. 205 p. (Akademiia nauk SSSR. nauchno-populiarnaia seriia)
(ICMILC)

RODE, T. V. [Oxygen compounds of chromium and chromium catalysts] Kislorodnye soedineniia khroma i khromovye katalizatory. Moskva, Izd-vo Akad. nauk SSSR, 1962. 278 p.

RUSSIA (1923- U. S. S. R.) Glavnoe upravlenie gidrometeorologicheskoi sluzhby. [Instructions for hydrometeorological stations and posts] Nastavlenie gidrometeorologicheskim stantsiiam i postam. Leningrad, Gidrometeor. izd-vo
No. 2. [Hydrometeorological observations at posts] Gidrometeorologicheskie nabliudeniia na postakh.
Pt. 3. [Maritime hydrometeorological observations] Morskie gidrometeorologicheskie nabliudeniia. 1948. 114 p.

RUSSKEVICH, N. L. [Descriptive geometry] Nachertatel'naia geometriia. Khar'kov, Izd-vo Khar'kovskogo gos. univ. im. A. M. Gor'kogo. 1961. 331 p.

SEVERIN, S. E. [Biochemical principles of life] Biokhimicheskie osnovy zhizni. Moskva, Izd-vo "Znanie," 1961. 45 p. (Narodnyi universitet kul'tury. Estestvennonauchnyi fakul'tet, no. 27)

SHAKHPARONOV, M. I. [Chemistry and philosophy] Khimiia i filosofiia. Moskva, Gos. izd-vo polit. lit-ry, 1962. 135 p. (Filosofiia i estestvoznanie)

SHUGAROV, A. L. [Physics] Fizika. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 410 p. (Uchebniki i uchebnye posobiia dlia sel'skokhoziaistvennykh vuzov)

SLAVENAS, P., ed. [Stellar sky] Zvaigzdetasis dangus. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 113 p. [In Lithuanian]

SLOKA, JANIS. [Amphibia and reptiles of the Latvian S. S. R., their significance and harmfulness] Latvijas PSR abinieki un rapuli to nozime un kaitiguma. Riga, Latvijas PSR Zinatnu akad. izdevnieciba, 1961. 63 p. [In Latvian]

SLUTSKIN, G. G. [Brief manual on lumboring] Kratkii spravochnik po lesozagotovkam. Moskva, Goslesbumizdat, 1961. 326 p.

SOKOLOV, A. A., IU. M. LOSKUTOV, and I. M. TERNOV. [Quantum mechanics] Kvantovaia mekhanika. Pod obshchei red. A. A. Sokolova. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1962. 501 p.

['STOLBY" STATE PRESERVE.] Gosudarstvennyi zapovednik 'Stolby." [Krasnoiarsk, Krasnoiarskoe knizhnoe izd-vo, 1961] 1 v. (cenefi, illus.) [MICROFILM]

STRADINS, JANIS [Polarography of organic nitro compounds] Polyarografiia organicheskikh nitrosoedinenii Riga, Izd-vo Akad. nauk Latviiskoi SSSR, 1961 162 p [With summaries in Latvian and English]

STROGANOV, S. U. [Animals of Siberia, carnivores] Zveri Sibiri, khishchnye. Moskva, Izd-vo Akad. nauk SSSR, 1962 457 p.

STUDENCHESKAIA NAUCHNO-TEKHNICHESKAIA KONFERENTSIIA VUZOV PRIBALTIKI I BELORUSSKOI SSR 3d, Riga, 1957 [Proceedings of the Third Students' Scientific and Technological Conference of Universities of the Baltic Countries and White Russia] Trudy Riga, Latviiskii gos. univ., 1958. 198 p. (MH)

SYMPOSIUM ON PLANT-WATER RELATIONS IN ARID AND SEMI-ARID CONDITIONS, Madrid, 1959. [Plant-water relations in arid regions of the U.S.S.R., reports of Soviet scientists] Vodnyi rezhim rastenii v zasushlivykh raionakh SSSR, doklady sovetskikh uchenykh. Moskva, Izd-vo Akad. nauk SSSR, 1961 274 p.

TASHKENTSKAIA KONFERENTSIIA PO MIRNOMU ISPOL'ZOVANIIU ATOMNOI ENERGII, Tashkent, 1959. [Transactions of the Tashkent Conference on Peaceful Uses of Atomic Energy] Trudy Tashkent Vol 3. 1961. 501 p.

TAUBE, P. R., and E. I. RUDENKO [From hydrogen to nobelium] Ot vodoroda do ... nobeliia? Moskva, Gos. izd-vo "Vysshaia shkola," 1961 329 p.

TERPILO, N. I. [Anatomic atlas of medicinal plants] Anatomicheskii atlas lekarstvennykh rastenii 2., pererab. i dop. izd. Kiev, Gos. med. izd-vo USSR, 1961 301 p.

TEMIRIAZEV, K. A. [The life of the plant ten popular lectures] Zhizn' rastenia, desiat' obshchedostupnykh lektsii. Moskva, Izd-vo Akad. nauk SSSR, 1962. 280 p.

TO IN-SOP [Do In Seb] [Remarks on the range-energy ratio] Zamechaniia o sootnoshenii probeg-energiia. Dubna, Ob'edinennyi in-t iadernykh issl., 1962. 11 p. [With summary in English]

TOVARNITSKII, V. I. [Frontiers of life a story about viruses] Na granitse zhizni, povest' o virusakh Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 193 p.

TUROV, S. S. [Animal kingdom of the Moscow region] Zhivotnyi mir Podmoskov'ia [Moskva] Mosk. rabochii, 1961 87 p. illus.

TURUSBEKOV, M. [Dictionary of physics terms, project] Slovar' fizicheskikh terminov, proekt [Russian-Kirghiz] Frunze, Akad. nauk Kirgizskoi SSR, 1960 190 p.

UZNADZE, D. N. [Experimental basis of the psychology of adjustment] Eksperimental'nye osnovy psikhologii ustanovki. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1961. 210 p. (MH)

VASIL'EV, I. M. [Effect of ionizing radiation on plants, radiophysiological studies] Deistvie ioniziruiushchikh izluchenii na rastenia, radiofiziologicheskie issledovania. Moskva, Izd-vo Akad. nauk SSSR, 1962. 222 p.

VASIL'KOV, B. P. [Mushrooms] Griby. Moskva, Izd-vo M-va sel' khoz. SSSR [1959] 95 p. col. illus. (CU-A)

VESELOV, M. G. [Elementary quantum theory of atoms and molecules] Elementarnaia kvantovaia teoriia atomov i molekul. Izd. 2., dop. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1962. 216 p.

VIGOROV, L. I. [Course on the physiology of woody plants] Praktikum po fiziologii drevesnykh rastenii. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 146 p.

VOLKOV, D. M. [Differential equations and their application in natural science] Differentsial'nye uravnenia i ikh prilozhenia v estestvoznanii. [Leningrad] Izd-vo Leningr. univ., 1961. 132 p.

VOROB'EV, N. N., ed. [Matrix games. Translated articles] Matrichnye igry. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961 280 p. (Teoriia igr)

VORONKOVAS, BORISAS, and MIKALOJUS REMEISAUSKAS [Theoretical mechanics] Teorine mechanika Red. V. Sugurovas. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 782 p. [In Lithuanian]

VORONTSOV, D. S. [General electrophysiology] Obshchaia elektrofiziologiia. Moskva, Medgiz, 1961 487 p.

YEH TU-CH'ÊNG, and CHU PAO-CH'ÊN [Some important problems in the general circulation of the atmosphere Translated from the Chinese] Nekotorye vazhneishie voprosy obshchei tsirkuliatsii atmosfery. Pod red. A. Girsa. Leningrad, Gidrometeor. Izd-vo, 1961. 239 p.

ZDUN, V. I. [Trematode larvae in freshwater molluscs of the Ukraine] Lychynky trematod v prisnovodnykh mallushakh Ukrainy. Kyiv, Vyd-vo Akad. nauk URSR, 1961 142 p.

ZEPE, MILDA. [Cosmic rays] Kosmiskie stari. Riga, Latvijas PSR Zinatnu akademijas izdevnieciba, 1957 77 p. [In Latvian]

ZHEZHERIN, V. P. [Predatory birds of the Ukraine and their protection] Khyzhi ptakhy Ukrainy ta ikh okhorona. Kyiv, Derzh. uchbovo-pedagog. vyd-vo "Radians'ka shkola," 1961 41 p. (Bibliioteka iunoho naturalista)

ZHILKIN, N. G., and A. V. IURASOV. [Safety measures and industrial hygiene in the research institutes and laboratories of geological organizations] Okhrana truda i proizvodstvennaia sanitariia v nauchno-issledovatel'skikh institutakh i laboratoriiakh geologicheskikh organizatsii. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1961. 178 p.

ZONIS, S. A., and S. M. MAZUROV. [Laboratory and lecture experiments and demonstration materials in organic chemistry] Laboratorno-lektsionnye opyty i demonstratsionnye materialy po organicheskoi khimii Izd. 2., ispr. i dop. Moskva, Gos. izd-vo "Vysshaia shkola," 1961 720 p.

14. MEDICINE

AKADEMIIA MEDITSINSKIKH NAUK SSSR, Moscow. Institut epidemiologii i mikrobiologii. [Mycetin, experimental study and the results of its clinical testing] Mitsetin, eksperimental'noe izuchenie i rezul'taty klinicheskogo ispytaniia. Moskva, Medgiz, 1961. 307 p. (DNLM)

AKADEMIIA NAUK SSSR. Sibirskoe otdelenie. Institut fiziki, laboratoriia biofiziki. [Problems in the biophysics, biochemistry, and pathology of erythrocytes] Voprosy biofiziki, biokhimii i patologii eritrotsitov. Krasnoiarsk, 1960. 505 p. (DNLM)

ALEKSANDROV, N. N., and others. [Wounds of the skull and brain in acute radiation sickness] Ranenitia cherepa i golovnogo mozga pri ostroi luchevoi bolezni. Pod red. V. N. Shamova. [Leningrad] Medgiz, 1962. 174 p. (DNLM)

AMITIN, V. I. [Catarrh of the throat (pharynx and larynx)] Katary gorla (glotki i gortani). Moskva, Medgiz, 1961 26 p. (Nauchno-populiarnaia meditsinskaia literatura) (DNLM)

ASEEV, G. M. [Control your weight] Boritesʹ s polnotoi. Moskva, Izd-vo "Fizkul'tura i sport," 1961. 46 p. (Bibliotechka "Fizkul'tura i zdorov'e")

BERLIAND, A. S., and G. F. POPOVA. [Care of the sick at home, for study circles on the care of the sick at home. Translated by V. Gutauskas] Ligoniu slaugymas namie; skiriama besimokantiems ligoniu slaugymo namie ratelluose. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 112 p. [In Lithuanian]

BIZIULEVICIUS, STASYS. [Basic human helminth diseases and their control] Pagrindines zmogaus helmintozes ir kova su jomis. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 149 p. (Gydytojo praktiko biblioteka) [In Lithuanian] (DNLM)

BLAGOVESHCHENSKAIA, N. S. [Topical significance of disorders of hearing, the vestibular function, smell, and taste in brain lesions] Topicheskoe znachenie narushenii slukha, vestibuliarnoi funktsii, obonianiia i vkusa pri porazheniiakh golovnogo mozga. Moskva, Medgiz, 1962. 271 p. (DNLM)

BODIAZHINA, V. I. [Obstetrics textbook] Uchebnik akusherstva. 2. izd. Moskva, Medgiz, 1961. 461 p. (DNLM)

BORODULIN, F. R. [History of medicine; selected lectures] Istoriia meditsiny, izbrannye lektsii. Moskva, Medgiz, 1961. 251 p. (DNLM)

BRANDENBURGSKII, G. L. [Systematic [illegible] torium-health resort collection of patients with vascular diseases] Metodicheskie ukazaniia po [illegible] torno-kurortnomu otboru bol'nykh [illegible] stvami zabolevaniiami. Kiev, Gos. med. [illegible] 1961. 14 p. (DNLM)

BYKHOVSKII, Z. P. [Rheumatic and nonrheumatic cases of the joints and their combination] Revmaticheskie i nerevmaticheskie zabolevaniia sustavov i ikh sochetanie. Moskva, Medgiz, 1962. 176 p. (DNLM)

CEPULIS, STASYS. [Diseases of the mucous membrane of the oral cavity] Burnos ertmes gleivines [illegible] Vilnius, Valstybine politines ir mokslines [illegible] leidykla, 1961 14 p. [In Lithuanian] (DNLM)

CHALISOV, M. A., and L. I. LANDO. [Electrodermal investigations in a psychiatric clinic (methodical instructions)] Elektrokozhnye issledovaniia v psikhiatricheskoi klinike (metodicheskie ukazaniia). Pod red. V. M. Banshchikova. Moskva, [illegible] inst. in-t psikhiatrii, 1960. 27 p. (DNLM)

CHISTOVICH, G. N. [Pathogenesis of staphylococcal infections; microbiological, pathological, clinical, immunological aspects] Patogenez stafilokokkovykh infektsii, mikrobiologicheskie, obshchepatologicheskie i immunologicheskie aspekty. [Leningrad] 1961 215 p. (DNLM)

CHOLOVADZE, A. V. [Physical training, sports and the prevention and treatment of paralysis in children] Fizicheskaia kulʹtura, kulʹturnyi [illegible] i lechenia ploskostopiia u shkolʹnikov. Moskva, Medgiz, 1962. 111 p. (DNLM)

CHUDNOVSKII, V. S. [Electroencephalographic studies in a psychiatric clinic] Elektroentsefalograficheskie issledovaniia v klinike psikhicheskikh zabolevanii. Pod red. L. L. Rokitina. Moskva, Min. zdravookhraneniia RSFSR, 1960. 77 p. (DNLM)

CHUTKO, M. D. [Glass and stone splinters in the eye] Oskolki stekla i kamnia v glaze. Izd. 2., [illegible] [Leningrad] Medgiz, 1961. 150 p. (DNLM)

DOBROMYL'SKII, F. I. [What we must know about laryngeal tuberculosis] Chto nuzhno znat' o [illegible] gortani. Moskva, Medgiz, 1961 28 p. (DNLM)

DONCHENKO, I. I. [Kislovodsk health resort and its therapeutic features] Kurort Kislovodsk i [illegible] nye faktory. Kiev, Gos. med. izd-vo [illegible] 63 p. (DNLM)

DUL'TSIN, IA. A., and G. R. ROBACHILVSKII. [Injury of the postnatal period] Gigiena [illegible] [Leningrad] Medgiz, 1961. 51 p. (DNLM)

EFIMOVA, A. V., L. I. KON'KOVA, and I. V. MAL'KOVA. [Care of children with the sequelae of poliomyelitis] Ukhod za detʹmi s posledstviiami [illegible] Moskva, Medgiz, 1961. 143 p. (DNLM)

FOGEL'SON, L. I. [Diseases of the heart and vessels] Bolezni serdtsa i sosudov. Moskva, Izdat. [illegible] biuro tr. "Meditsinizdat," Book 1. Atlas. 1961. 283 p. (DNLM)

FREIDLIN, S. IA. [What to do in the case of [illegible] accidents] Chto delatʹ pri neschastnom [illegible] proizvodstve. [Leningrad] Medgiz, 1961. 39 p. (Nauchno-populiarnaia meditsinskaia literatura) (DNLM)

FRIDBERG, D. I. [Neurological analysis of thyrotoxicosis] Nevrologicheskii analiz tireotoksikoza. Moskva, Medgiz, 1961. 206 p. (DNLM)

GAMPERIS, JURGIS. [Tuberculosis in cattle] Tuberkuliozė galvijuose. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 89 p. [In Lithuanian] (DNLM)

GEKHTMAN, M. IA. [Organization of workers' [illegible] the U. S. S. R.] Organizatsiia otdykha trudiashchikhsia v SSSR. Kishinev, Gos. izd-vo "Kartia moldovenyaske" 1961. 27 p.

V. A., and O. N. PIKSANOV. [Methods of research, a short textbook] Metodika ykh issledovanii, kratkoe posobie. [Kuibyshevskoe knizhnoe izd-vo, 1961. 91 p

AS, V., and others [Practical handbook of icrobiology] Medicininės mikrobiologijos adovas. Vilnius, Valstybine politines i literaturos leidykla, 1961. 431 p [In]

, S IA [Skin diseases in children] Kozhnye ia detskogo vozrasta. [Leningrad] Medgiz, . (Nauchno-populiarnaia meditsinskaia

I, D. E. [Isotopes in medicine] Izotopy v Moskva, Gos. izd-vo lit-ry v oblasti uki i tekhniki, 1962 138 p

, A IA., ed. [Problems in the pathology of t tract; collected scientific works of the bic Clinical Hospital] Voprosy patologii putei, sbornik nauchnykh trudov 1-i nskoi klinicheskoi bol'nitsy. Izhevsk, e knizhnoe izd-vo, 1960. 222 p.

D DISEASES] Svetkata i sushigimai. Antra- ytas leidimas. Vilnius, Valstybine politines es literaturos leidykla, 1961. 358 p. [In]

A. [Calisthenics at home during pregnancy] a beremennykh na domu. 2., izd. [Leningiz, 1961. 45 p.

[Selected works, surgery of peptic ulcer nach and neurohumoral regulation of gastric s in man] Izbrannye proizvedenita; khirurgiia bolezni zheludka i nevro-gumoral'naia ia zheludochnoi sekretsii u cheloveka. Medgiz, 1962 364 p

N, V. I. [Daily hygienic exercises for ichedenna higienichna gimnastyka k Kyiv, Derzh. med. vyd-vo URSR, 1961

TSIIA PO BIOLOGICHESKOMU DEISTVIIU IOLIFIOVOGO IZLUCHENIIA 6th, Leningi8. [Transactions of the Conference on the l Effect of Ultraviolet Radiation] Trudy sii. Moskva, Medgiz.
[Ultraviolet radiation; biological effect, therapeutic, preventive, and hygienic uses, and measurement] Ul'trafioletovoe izluchenie; biologicheskoe deistvie, lechebno-profilakticheskoe i gigienicheskoe primenenie, izmerenie. Pod red. G. M. Franka i dr. 1960. 271 p.

TSIIA PO FIZIOLOGII I PATOLOGII IIA. [New developments in the physiology ology of respiration; data] Novoe v fiziologii i dykhaniia, materialy. Pod red. V. V. Parina 1961. 279 p.
t)

ITSIIA PO PRIRODNOI OCHAGOVOSTI IEI I VOPROSAM PARAZITOLOGII KAZAKHRESPUBLIK SREDNEI AZII. 4th, Alma-Ata, atural focus of diseases and problems of logy] Prirodnaia ochagovost' bolezneі i parazitologii; trudy. Alma-Ata, Izd-vo Akad, zakhskoi SSR.
1961. 668 p.
JLM)

ITSIIA PO REZUL'TATAM EKSPERIMENGO ISSLEDOVANIIA I KLINICHESKOGO ENIIA PIROGENALA. 1st, 1960. [Experimenes and clinical use of pyrogenal; materials] mental'nye issledovaniia i klinicheskoe pripirogenala; materialy. Pod red. Kh. Kh. sa, P. Z. Budnitskoi. Moskva, Akad. med. R, 1961. 256 p.
M)

INOV, M. V. [Metabolic diseases] Bolezni veshchestv. [Leningrad] Medgiz, 1961. 41 p. o-populiarnaia meditsinskaia literatura)
M)

M, O. I. [Tuberculosis and its prevention. ed by A. Vitolins] Tuberkuloze un tas profiiga, Latvijas valsts izdevnieciba, 1961. eselibas biblioteka) [In Latvian]
M)

KOSHEL', M. G. [How to raise a healthy child] IAk vyrostyty zdorovu dytyna Kyiv, Derzh medychne vyd-vo URSR, 1961 34 p

KOVANOV, V. V., and T. I. ANIKINA. [Surgical anatomy of the fasciae and fascial spaces in man] Khirurgicheskaia anatomiia fastsii i kletchatochnykh prostranstv cheloveka. Moskva, Medgiz, 1961 209 p
(DNLM)

KOZLOV, I. I., ed. [Health resorts of trade unions in the U. S. S. R.] Zdravnitsy profsoiuzov SSSR, spravochnik. [Moskva] Izd-vo VTsSPS Profizdat, 1962 494 p
(DNLM)

KUDRIAVTSEV, M. A. [Chorea] Khoreia. Izd. 2, perer. Moskva, Medgiz. 1961. 23 p. (Sovety roditeliam)
(DNLM)

KUKAIN, R. A. [Immunology and prospects for the extermination of poliomyelitis in the Latvian S. S. R.] Immunologiia i perspektivy likvidatsii poliomielita v Latvilskoi SSR. Riga, Izd-vo Akad. nauk Latvilskoi SSR, 1961. 169 p.
(DNLM)

KURLIANDSKII, V. IU. [Textbook of orthopedic stomatology] Uchebnik ortopedicheskoi stomatologii. Izd. 2 Moskva, Medgiz, 1962 591 p.
(DNLM)

KUTSIDI, A. V., N. A. MIKHAILOV, and L. S. SEMASHKO. [Handbook for the X-ray laboratory technician] Spravochnik rentgenolaboranta. Moskva, Medgiz, 1962 198 p.
(DNLM)

KUTUSHEV, F. KH. [Diagnosis and treatment of patent ductus arteriosus] Diagnostika i lechenie otkrytogo arterial'nogo protoka. Pod red. P. A. Kuprianova [Leningrad] Medgiz, 1962. 202 p
(DNLM)

LAPIDUS, F. I. [Tomography of the maxillofacial region] Poshatovoe rentgenologichne doslidzhennia shchelepnolyts'ovoi dilianky. Kyiv, Derzh. med. vyd-vo URSR, *1961.* 177 p.
(DNLM)

LATVIJAS PADOMJU SOCIALISTISKAS REPUBLIKAS ZINATNU AKADEMIJA. Fundamentala biblioteka. [Academician Aleksandrs Smidts; a biobibliography] Akademikis Aleksandrs Smidts, biobibliografija. Riga, Latvijas PSR Zinatnu akademijas izdevnieciba, 1961. 62 p. (Padomju Latvijas zinatnieki)

LAVROVS, MARATS, and LEO VAIDERS. [Viruses] Virusi. Riga, Latvijas PSR Zinatnu akademijas izdevnieciba, 1961 72 p. [In Latvian]
(DNLM)

LIDSKII, A. T., ed. [Differential diagnosis of the principal surgical diseases in tabular form] Differentsial'naia diagnostika vazhneishikh khirurgicheskikh zabolevanii v tablitsakh. Moskva, Medgiz, 1961. 271 p. (Biblioteka prakticheskogo vracha)
(DNLM)

LUK'IANOVA, O. M. [Prevention and treatment of acute catarrhs of the respiratory tract in children] Zapobihannia ta likuvannia hostrykh katuriv dykhal'nykh shliakhiv u ditei. Kyiv, Derzh. vyd-vo URSR, 1961. *18 p.*
(DNLM)

MATVEEVA, A. I. [Replacement of skull defects with regenerating bone; the destruction method] Zameshchenie defektov cherepa regeneriruiushchei kost'iu, metod destruktsii. Moskva, Izd-vo Akad. nauk SSSR, 1962. 136 p. illus.
(DNLM)

MELIK-MUS'IAN, A. B. [Atlas, clinical aspects of trachoma] Atlas; klinika trakhomy Moskva, Medgiz, 1961. 47 p
(DNLM)

MERKULOV, G. A. [Course in pathohistological technique] Kurs patologogistologicheskoi tekhniki. 4. izd. [Leningrad] Medgiz, 1961. 339 p.
(DNLM)

MIASNIKOV, A. I., ed. [Handbook of internal diseases] Rukovodstvo po vnutrennim boleznіam. Leningrad, Medgiz.
Vol. 5. Tushinskii, M. D. [Diseases of the respiratory system] Bolezni sistemy dykhaniia. Pod red. A. IA. TSigel'nika. 1960. 398 p.
(DNLM)

MINIUS, VLADAS. [Light is still on in the operating room] Operacineje dar sviesu. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 201 p. [In Lithuanian]
(DNLM)

MISHCHENKO, O. S. [Prevention of helminthic diseases in children] Zapobihannia hilistrianym zakhvoriuvanniam u ditei. Kyiv, Derzh. med. vyd-vo URSR, 1961 14 p.
(DNLM)

MOLOKANOV, K. P. [Roentgenology of occupational diseases and intoxications] Rentgenologiia professional'nykh zabolevanii i intoksikatsii. Moskva, Medgiz, 1961. 226 p.
(DNLM)

MOSCOW. GOSUDARSTVENNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT PSIKHIATRII. [Organizing prevention and treatment of alcoholism in general medical institutions] Organizatsiia profilaktiki i lechenila alkogolizma v uchrezhdeniiakh obshchemeditsinskoi seti. Pod red. V. M. Banshchikova i I. I. Lukomskogo. Moskva, 1960. 50 p
(DNLM)

MOSCOW. PERVYI MEDITSINSKII INSTITUT. [Instructions for practical studies in otorhinolaryngology for medical institutes] Metodicheskie zapiski k prakticheskim zaniatiiam po otorinolaringologii; dlia meditsinskikh institutov. Moskva, 1960 73 p.
(DNLM)

MOSCOW. VTOROI MOSKOVSKII MEDITSINSKII INSTITUT. [Infectious intestinal diseases; transactions of the Institute] Kishechnye infektsionnye zabolevaniia, trudy instituta. Pod red. Bilibina, A. F. Moskva, 1961. 275 p.
(DNLM)

MOSTOVA, L. O. [Breast feeding of infants during their first year of life] Hrudne vyhodovuvannia ditei pershoho roku zhyttia. Kyiv, Derzh. med. vyd-vo URSR, 1961. 12 p.
(DNLM)

[MULTIVOLUME MANUAL ON SURGERY] Mnogotomnoe rukovodstvo po khirurgii. Moskva, Medgiz.
Vol. 5. Kuprianov, P. A., ed. [Chest surgery, thoracic wall, pleura, and lungs] Khirurgiia grudi; grudnaia stenka, pleura i legkie. 1960. 727 p.
Vol. 7. Mel'nikov, A. V., and A. N. Filatov, eds. [Surgery of the abdominal wall and organs of the abdominal cavity, the stomach and intestines] Khirurgiia briushnoi stenki, organov briushnoi polosti-zheludka i kishechnika. 1960 746 p.
Vol. 11, book 1. Chaklin, V. D., ed. [Surgery of the upper extremities] Khirurgiia verkhnei konechnosti 1960 518 p.
(DNLM)

NOVACHENKO, N. P. [Principles of orthopedics and traumatology] Osnovy ortopedii i travmatologii. Moskva, Medgiz, 1961. 279 p.
(DNLM)

PASYNKOV, B. I. [General physiotherapy] Obshchaia fizioterapiia. Moskva, Medgiz, 1962. 350 p.
(DNLM)

PETELIN, S. M. [Spa treatment of infectious lumbosacral radiculoneuritis] Infektsionnyi polsanitchno-krestitsovyi radikulonevrit i lechenie ego na kurorte. Moskva, Medgiz, 1961. 149 p. (Biblioteka prakticheskogo vracha)
(DNLM)

PLETSITYI, D. F. [Dynamics of immunity] Dinamika immuniteta, Moskva, Medgiz, 1961. 140 p.
(DNLM)

POGOREL'SKII, M. A. [Plaster casts] Gipsovaia tekhnika. Pod red. N. P. Novachenko. 2. izd., perer., dop. Kiev, Gos. med. izd-vo USSR, 1961. 160 p. (Biblioteka prakticheskogo vracha)
(DNLM)

PORTNOV, F. G. [Aerosols and their therapeutic use] Aerozoly i ikh lechebnoe primenenie Riga, Izd-vo Akad. nauk Latvilskoi SSR, 1961. 107 p.
(DNLM)

[PROTECT CHILDREN FROM INFECTIOUS DISEASES] Beregite detei ot zaraznykh zabolevanii. Moskva, Medgiz, 1961. 174 p. (Nauchno-populiarnaia meditsinskaia literatura)
(DNLM)

RAFALKESS, SOLOMONS. [You can avoid mastitis if... Translated by V. Sproge] No krusu dziedzeru tekalsanna var izsargaties, ja... Riga, Latvijas Valsts izdevnieciba, 1961. 26 p. (Veselibas biblioteka) [In Latvian]
(DNLM)

RAFES, IU. I. [Ukrainian-Polish medical relations] Z ukrains'ko-pol's'kykh zv'iazkiv u medytsyni Kyiv, Derzh. med. vyd-vo URSR, 1961. 77 p.
(DNLM)

RAKHMATOV, B. [Some aspects of hemopoiesis] Nekotorye voprosy krovetvoreniia. Stalinabad, Tadzhikgosizdat, 1960. 142 p.
(DNLM)

ROZHNOV, V. E. [Alcoholism is an enemy of your health] Alkogolizm - vrag zdorov'ia. Moskva, In-t sanitarnogo prosv. M-va zdravookhraneniia SSSR, 1960. 35 p. (V pomoshch' lektoru)
(DNLM)

RUBASHEVA, A. E. [Sectional X-ray diagnosis of diseases of the bones and joints] Chastnaia rentgenodiagnostika zabolevanii kostei i sustavov. Kiev, Gos. med. izd-vo USSR, 1961. 460 p.
(DNLM)

RUDENKO, A. T. [Pathology of the dentition of wisdom teeth] Patologiia prorezyvaniia zubov mudrosti [Leningrad] Medgiz, 1961. 63 p. (Biblioteka prakticheskogo vracha)
(DNLM)

SAL'NYKOV, IE. P. [General care of patients] Zahal'nyi dohliad za khvorymy. Kyiv, Derzh. med. vyd-vo URSR, 1961. 204 p.
(DNLM)

SAVEL'EV, V. S. [Catheterization and angiocardiography in congenital defects of the heart] Zondirovanie i angiokardiografiia pri vrozhdennykh porokakh serdtsa. Moskva, Medgiz, 1961. 238 p.
(DNLM)

SEKRETTA, P. M., IU. I. AIZINBUD, and L. V. SVIRIDOVA. [Organizing the work of city hygiene and epidemiology institutes] Organizatsiia raboty gorodskikh sanitarno-epidemiologicheskikh uchrezhdenii. Moskva, Medgiz, 1962. 102 p.
(DNLM)

SEMENCHENKO, H. I. [Odontogenic osteomyelitis of the jaws, its pathogenesis, pathological anatomy, and clinical forms] Odontogennyi osteomielit shcheliep, patogenez, patologichna anatomiia i klinichni formy. Kyiv, Derzh. med. vyd-vo URSR, 1961. 152 p. (Biblioteka praktychnoho likaria)
(DNLM)

SHABANOV, A. N., and L. S. SOSKIN. [Endarteritis obliterans] Obliteriruiushchii endarterit. Izd. 2. Moskva, Medgiz, 1961. 42 p. (Nauchno-populiarnaia meditsinskaia literatura)
(DNLM)

SHAPIRO, S. E., and A. K. PIOTROVICH. [Antibiotic therapy with levomycetin and erythromycin in typhoid and paratyphoid fever] Antibiotikoterapiia levomitsetinom i eritromitsinom briushnogo tifa i paratifov. Pod red. K. V. Bunina. Moskva, Medgiz, 1962. 193 p.
(DNLM)

SHEKLAKOVA, N. D. [Pemphigus] Puzyrchatka. Moskva, Medgiz, 1961. 162 p.
(DNLM)

SHROIT, I. G. [Experimental measles, its pathomorphology and pathogenesis] Eksperimental'naia kor', patomorfologiia i patogenez. Kishinev, Gos. izd-vo "Kartia moldovenieske," 1961. 134 p.
(DNLM)

SIDARAVICIUS, BRONIUS. [Occupational dermatoses] Profesines dermatozes. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 74 p. (Gydytojo biblioteka) [In Lithuanian]
(DNLM)

SIVASH, K. M. [Osteoarticular tuberculosis; prevention and treatment] Kostno-sustavnoi tuberkulez; profilaktika i lechenie. Moskva, Medgiz, 1961. 65 p. (Nauchno-populiarnaia meditsinskaia literatura)
(DNLM)

SLAIDINS, J., A. TRILISKIS, and S. PURNE. [Transfusion of blood and blood substitutes] Asins un asins aizvietotaju partiesana. Riga, Latvijas Valsts izdevnieciba, 1961. 164 p. [In Latvian]
(DNLM)

SLUTSKIN, N. I. [Physiological mechanism of the action of medicaments on the "similarity principles" (similia similibus curentur) in the light of the biological interference theory, scientific concept of "the *natural physiological measure to fight a disease*" as adopted by homeopathy] Fiziologicheskii mekhanizm deistviia lekarstvennykh veshchestv po "printsipy podobiia" (Similar similibus curentur) v svete teorii biologicheskoi interferentsii; "O prirodnoi fiziologicheskoi mere protiv bolezni," ispol'zuemoi gomeopatiei (nauchnaia kontseptsiia). Pod red. V. I. Rybaka. Moskva, TSentr. gomeopaticheskaia poliklinika Mosoblzdravotdela, 1961. 12 p.
(DNLM)

[SOVIET MEDICINE IN THE GREAT PATRIOTIC WAR, 1941-1945] Opyt sovetskoi meditsiny v Velikoi Otechestvennoi Voine, 1941-1945 gg. Moskva, Medgiz.
Vol. 9. 1950. 536 p.

STEPONAITIENE, LIUDMILA. [Let us eliminate diphtheria] Likviduokime difterija. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 15 p. [In Lithuanian]
(DNLM)

STRAKHOV, S. N. [Appendicitis] Appendisit. Moskva, Medgiz, 1961. 27 p. (Nauchno-populiarnaia meditsinskaia literatura)
(DNLM)

TAL'MAN, I. M. [Varicose dilatation of the veins of the lower extremities] Varikoznoe rasshirenie ven nizhnikh konechnostei. [Leningrad] Medgiz, 1961. 140 p.
(DNLM)

TRAKHTMAN, IA. N. [Four carrying a stretcher] Chetvero s nosilkami. Moskva, Medgiz, 1961. 33 p. (Bibliotechka shkol'nika)

TSENTRAL'NYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT KURORTOLOGII I FIZIOTERAPII. [Ozocerite in therapeutic practice] Ozokerit v lechebnoi praktike. Moskva, Mosk. obl. fizioterapevticheskaia klinicheskaia bol'nitsa, 1960. 203 p.
(DNLM)

UGLOV, F. G., and M. A. SAMOILOVA. [Diagnosis and treatment of pericarditis adhesiva] Diagnostika i lechenie slipchivogo perikardita. [Leningrad] Medgiz, 1962. 175 p.
(DNLM)

UGRIUMOV, B. L. [Clinical aspects of hemorrhagic fevers] Klinika gemorragicheskikh likhoradok. Kiev, Gos. med. izd-vo USSR, 1961. 98 p. (Biblioteka *prakticheskogo vracha)*
(DNLM)

UKRAINE. Ministerstvo zdravookhraneniia. [Cytotoxins in present day medicine] TSitotoksiny v sovremennoi meditsine. Kiev, Gos. med. izd-vo USSR.
Vol. 2. 1960. 332 p.
(DNLM)

USPENSKII, E. A. [Changes in the nervous system in cancer; morphological studies in comparison with neurological symptoms] Izmeneniia nervnoi sistemy pri rake, morfologicheskie issledovaniia v sopostavlenii s nevrologicheskimi simptomami. Kiev, Gos. med. izd-vo USSR, 1961. 180 p.
(DNLM)

UVAROV, V. M. [Odontogenic highmoritis] Odontogennyi gaimorit. [Leningrad] Medgiz, 1962. 72 p. (Biblioteka prakticheskogo vracha)
(DNLM)

VASIL'EV, V. A. [Clinical and physiological foundations of the artificial pneumothorax] Kliniko-fiziologicheskie osnovy iskusstvennogo pnevmotoraksa. [Leningrad] Medgiz, 1961. 177 p.
(DNLM)

VEINEROV, I. B., and L. M. ROZHINSKII. [Diseases of the male urogenital organs; the lower section of the urogenital system] Bolezni muzhepolovykh organov u muzhchin; nizhnii otdel muzhepolovoi sistemy. Kiev, Gos. med. izd-vo USSR, 1961. 220 p.
(DNLM)

ZAKHIDOV, A. Z., and L. B. SHRAIBER. [Influenza is contagious] Gripp zarazen. Moskva, Medgiz, 1961. 18 p. (Nauchno-populiarnaia meditsinskaia literatura)
(DNLM)

ZARETSKAIA, IU. M. [Lymphoid organs in radiation pathology] Limfoidnye organy v luchevoi patologii. Pod red. A. V. Lebedinskogo. Moskva, Medgiz, 1961. 114 p.
(DNLM)

ZHULKOVSKII, V. K. [Gastritis and ulcer] Gastriti un culas slimiba. Riga, Latvijas Valsts Izdevnieciba, 1961. 76 p. (Veselibas biblioteka) [In Latvian]
(DNLM)

ZIL'BER, A. P. [Surgical position and anesthesia; circulatory and respiratory reactions to posture in anesthesiology] Operatsionnoe polozhenie i obezbolivanie; posturaľnye reaktsii krovoobrashchenia i dykhaniia v anesteziologii. Petrozavodsk, Gos. izd-vo Karel'skoi ASSR, 1961. 250 p.
(DNLM)

ZIL'BER, L. A., and A. S. KRIVISKII, eds. [Current problems of virology] Aktual'nye voprosy virusologii. Moskva, Izd-vo Akad. nauk SSSR, 1960. 313 p. (Itogi nauki. Biologicheskie nauki, no. 4)
(DNLM)

ZINOV [illegible] [Hist[illegible] in Ru[illegible] Clinic and the [illegible] Moscow Univer[illegible] obrazovaniia. Rost[illegible] terapevticheskoi i hist[illegible] anatomii v Mo[illegible] Medgiz, 186 p.

15. AGRI[illegible]

ABDUMANAPOV, S[illegible] and forage crops in the [illegible] zernovykh, maslichnykh i [illegible] skoi SSR. Frunze, Kir[illegible]
(DA)

ABOLINS, JANIS, and P[illegible] slash at lumbering [illegible] sastradasana mezsaimn[illegible] Latvijas PSR Zinatniskas [illegible] 45 p. [In Latvian]
(DA)

[ADVANCED METHODS [illegible] Peredovi metody vyr[illegible] Kyiv, Derzh. vyd-vo sil[illegible] URSR, 1961. 164 p. [illegible] dosvidu)
(DA)

AGRINSKII, N. I. [Incu[illegible] farm animals] Narodn[illegible] sel'skokhoziaistvennym sel'khoz. lit-ry, [illegible]
(DA)

AKADEMIIA NAUK SSSR. [illegible] resources of Novosibi[illegible] bogatstva Novosibirskoi Sobolevskaia, Novosib[illegible]
(DA)

AKADEMIIA NAUK URSR. I[illegible] [Methods of studying [illegible] control of parasitic[illegible] izuchenila parazitolo[illegible] parazitozami sel'skokh[illegible] 2. dop. i perer. [illegible]
(DA)

AKADEMIIA NAVUK BSSR. [illegible] [Heterosis, theory and [illegible] tion] Geterozis, teoriia i [illegible] ispol'zovaniia. Pod red. [illegible] Akad. nauk BSSR, 1961. [illegible]
(DA)

ALIKPEROV, R. A. [illegible] something] U zvenia [illegible] uchit'sia, Izhevsk, [illegible] 1962. 18 p.
(DA)

ANDRIJAUSKAS, IONAS. [illegible] chickens; on an intensive [illegible] District] Viena paukscio [illegible] tarpkolukineje paukscio [illegible] politines ir mokslines [illegible] 23 p. [In Lithuanian]
(DA)

[AUXILIARY BRANCH[illegible] TION] Pidsobni [illegible] Derzh. vyd-vo sil'[illegible] 1961. 471 p.
(DA)

BAIKOVA, V. [illegible] vody - na polia. [Moskva] [illegible] (Liudi, dela, plany)
(DA)

BECIUS, KOSTAS, and KA[illegible] [Grain] Javai. Vilnius, [illegible] mokslines literatur[illegible] Lithuanian]
(DA)

BEREZOVA, E. F., and I. [illegible] terial fertilizers] [illegible] grad, Izd-vo sel'khoz. [illegible] 1961. 406 p.
(DA)

BERMANE, S., and J. BM[illegible] raising] Intensiva kat[illegible] Latvijas Valsts Izdevnieciba, [illegible]
(DA)

BIELIUKIENE, SABINA. [What [illegible] should know about vitamins] [illegible] augintojui apie vitaminus. [illegible] politines ir mokslines lit[illegible] 79 p. [In Lithuanian]
(DA)

BIUENA, A. [Tuberculosis in poultry and its control] Putnu tuberkuloze un tas apkarosana Riga, Latvijas Lopkopibas un veterinarijas zinatniski petnieciskais institute, 1961 21 p [In Latvian]
(DA)

BOL', K. G., and D. K. BOL'. [Fundamentals of the pathological anatomy of farm animals] Osnovy patologicheskoi anatomii sel'skokhozlaistvennykh zhivotnykh. Izd. 3. Moskva, Gos. izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961 571 p. (Uchebniki i uchebnye posobila dlia vysshikh sel'skokhozlaistvennykh uchebnykh zavedenii)
(DA)

BRAKSS, AKOT. [Mechanization of work on livestock farms, its economic effectiveness and prospects on collective farms of the Latvian S. S. R.] Lopkopibas darba procesu mehanizacija, tas ekonomiska efektivitate un perspektivas Latvijas PSR kolhozos. Riga, Latvijas PSR Zinatnu akad. Izdevnieciba, 1961 167 p. [In Latvian]
(DA)

BRAZAITIS, JUOZAS. [Infectious swine diseases] Infekcines kiauliu ligos. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 152 p. [In Lithuanian]
(DA)

BRENCIS, K., and J. RIBA. [Maintaining swine in large groups] Cuku turesana lielas grupas. Riga, Latvijas Valsts izdevnieciba, 1961. 27 p. (Lopkopja biblioteka) [In Latvian]
(DA)

BYKOV, S. S. [Force of example] Sila primera. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 68 p. (Opytno-pokazatel'nye khozlaistva RSFSR)

CEPINSKIS, JONAS. [Swine breeding] Kiauliu auginimas Vilnius. Valstybine politines ir mokslines literaturos leidykla, 1961. 395 p. [In Lithuanian]
(DA)

CHERNAVIN, A. S. [Fundamentals of agricultural chemistry, reference book for teachers] Osnovy agrokhimii, posobie dlia uchitelei. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 210 p.
(DA)

CHERVONNYI, M. G. [Using airplanes in the prevention of forest fires] Primenenie aviatsii pri okhrane lesov ot pozharov. Moskva, Goslesbumizdat, 1961. 111 p.
(DA)

[CORN GROWER'S LIBRARY] Bibliotechka kukurudzovoda [Kyiv] Kyivs'ke oblasne knyzhkovo-gazetne vyd-vo, 1961. 8 pamphlets.
(DA)

[CONCISE MANUAL FOR THE FOREMAN IN VEGETABLE-GROWING] Kratkii spravochnik brigadira-ovoshchevoda [Leningrad] Lenizdat, 1961 178 p.
(DA)

DANYLEVS'KA, M. S., I. N. HLUSHCHENKO, and K. I. SAICHUK. [Attacking the Polesye virgin lands] Nastup na polis'ku tsilynu. Kyiv, Kyivs'ke oblasne knyzhkovo-gazetne vyd-vo, 1961. 42 p
(DA)

DOKUCHAEVA, A. P. [High production use of machines and tractors] Vysokoproizvoditel'noe ispol'zovanie mashinno-traktornogo parka. Moskva, Izd-vo "Znanie," 1961. 30 p. (Narodnyi universitet kul'tury: Sel'skokhozlaistvennyi fakul'tet, no. 18)

DROBYSHEVA, N. A. [Carrots, parsley, and parsnips] Morkov', petrushka, pasternak. Moskva, Gos. izd-vo sel'khoz lit-ry, zhurnalov i plakatov, 1961. 93 p.
(DA)

DUCINSKAS, ALFREDAS. [Production and use of corn ensilage; carrying out the resolutions of the January Plenum of the Central Committee of the CPSU] Kukurazinio siloso gamyba ir panaudojimas; igyvendinant TSKP CK sausio plenumo nutarimus. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 40 p. (Zemes ukio pirmunu patyrimas) [In Lithuanian]
(DA)

DZHALILOV, KH. M. [The Golodnaya Steppe and the prospects for its reclamation] Golodnaia step' i perspektivy ee osvoeniia. Tashkent, Izd-vo Akad. nauk Uzbekskoi SSR, 1957. 48 p.
(DA)

ESAULOV, P. A., and S. S. SHAIN. [Fundamentals of stockbreeding; textbook for students of the 9th grade in rural schools] Mal sharuashylyғy negizderi; auyl-selo mektebinin IX klasyna arnalғan oku kuraly. Alma-Ata, Kazaktyn memlekettik oku-pedagogika baspasy, 1960. 197 p. [In Kazakh]
(DA)

[EXPERIENCE OF EFFICIENT WORKERS BECKONS US TOWARD NEW ACHIEVEMENTS, speeches of leading agricultural workers at the Plenum of the Central Committee of the CPSU, December 1959] Opyt peredovikov zovet k novym uspekham; vystupleniia peredovikov sel'skogo khozlaistva na Plenume TsK KPSS, dekabr' 1959 g. Frunze, Kyrgyzstan mamlekettik basmasy, 1960 128 p [Parallel texts in Kirghiz and Russian]

FEDOTOV, A. I. [Study of cerebrospinal fluid in veterinary science] Veterinarnaia likvorologiia Moskva, Gos. izd-vo sel'khoz lit-ry, 1961. 179 p
(DA)

[FOREST MANAGEMENT] Lesoustroistvo [by] A. A. Baitin i dr. Izd 2., perer. i dop. Moskva, Goslesbumizdat, 1961. 283 p
(DA)

FOTYNIUK, F. I. [Mushrooms] Hryby. L'viv, Knyzhkovo-zhurnal'ne vyd-vo, 1961. 182 p.

FREIBERGS, L. [Latvian blackhead sheep are good meat producers] Latvijas tumsgalvu aitas - labas galas razitajas. Riga, Latvijas Valsts izdevnieciba, 1961. 37 p. (Lopkopja biblioteka) [In Latvian]
(DA)

GALAKHIN, A. I. [Backyard apiary] Priusadebnaia pasека Simferopol', Krymizdat, 1960. 106 p.
(DA)

GANENKO, I. G. [Dwarf elm in the landscaping of towns and workers' settlements] Il'm melkolistnyi v ozelenenii gorodov i rabochikh poselkov Izd 2. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1961. 17 p.
(DA)

GODUMENKO, L. N. [Let us use loose housing of cows] Korov soderzhim bez privlazi. Frunze, Kirgizskoe gos. izd-vo, 1960. (Peredovoi opyt v sel'skom khozlaistve Kirgizii)
(DA)

GORSKIN, I. S. [Problems in the specialization of livestock raising in the Latvian S. S. R. Translated from the Russian] Latvijas PSR lopkopibas specializacijas problemas. Riga, Latvijas Valsts izdevnieciba, 1961. 106 p. [In Latvian]

GROSMANE, P. [Large poultry farms in the Latvian S. S. R.] Lielas putnkopibas fermas Latvijas PSR. Riga, Latvijas lopkopibas un veterinarijas zinatniski petnieciskais institute, 1961. 17 p [In Latvian]
(DA)

HADEN-GUEST, STEPHEN. [World geography of forest resources. Translated from the English] Geografiia lesnykh resursov zemnogo shara. Pod red. P. V. Vasil'eva i P. B. Vippera. Moskva, Izd-vo inostr. lit-ry, 1960. 665 p. illus., maps.
(WaU)

HAIDUK, V. M., and M. F. SAIIACH. [Thermoelectric systems in agriculture] Elektroteplovi sil's'kohospodars'ki ustanovky. Kyiv, Derzh. vyd-vo sil's'kohospodars'koi lit-ry URSR, 1961. 138 p.
(DA)

HITALOV, O. V. [Over-all mechanization for corn growing] Kukurudzi - kompleksnu mekhanizatsiiu. Kyiv, Derzh. vyd-vo sil's'kohospodars'koi lit-ry URSR, 1961. 82 p. (Shkola peredovoho dosvidu)
(DA)

[HOW WE CONTROL SOIL EROSION] IAk my boremosia z eroziieiu gruntiv. Kyiv, Derzh. vyd-vo sil's'kohospodars'koi lit-ry URSR, 1961. 12 p.
(DA)

IREBEN', L. K. [M. F. Ivanov, outstanding Soviet scientist] M. F. Ivanov - vydatnyi radians'kyi vchenyi. Kyiv, Derzh. vyd-vo sil's'kohospodars'koi lit-ry, URSR, 1961. 64 p.
(DA)

IL'INA, A. I. [Diseases of the udder] Boleznyi vymeni. Leningrad, Gos. izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 151 p.
(DA)

IMANOV, E. D. [Virus diseases of farm animals] Virusnye bolezni sel'skokhozlaistvennykh zhivotnykh. Frunze, Kirgizskoe gos. izd-vo, 1960. 24 p.
(DA)

IMANOV, K. [On the upsurge] Önugüü zholunda. Frunze, Kyrgyzstan mamlekettik basmasy, 1960. 60 p. [In Kirghiz]
(DA)

[INTENSIVE STOCKBREEDING] Intensyvne vedennia tvarynnytstva. Za red. I. H. Zorina. Kyiv, Derzh. vyd-vo sil'skohospodars'koi lit-ry URSR, 1961. 303 p.
(DA)

ISAEV, A. S. [Mechanization of livestock farms in Kirghizistan] Mekhanizatsiia zhivotnovodcheskikh ferm v Kirgizii. Frunze, Kirgizskoe gos. izd-vo, 1959. 115 p (Bibliotechka truzhenika sela)
(DA)

ISAKOV, D. I. [I will fatten a thousand swine a year] Otkormliu tysiachu svinei v god. Frunze, Kirgizskoe gos. izd-vo, 1960 30 p (Peredovoi opyt v sel'skom khozlaistve Kirgizii)
(DA)

IURMALIAT, A. P. [Raising young cattle] Vyrashchivanie molodniaka krupnogo rogatogo skota. Moskva, Gos. izd-vo sel'khoz lit-ry, 1961. 150 p.
(DA)

JACKUNAS, KAZIS. [Raising young poultry] Pauksciu prieauglio auginimas Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961 44 p (Zemes ukio pirmunu patyrimas) [In Lithuanian]
(DA)

JUCHNEVICIUTE, DAINORA. [Flower beds and lawns] Gelynai ir gazonai. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961 97 p. [In Lithuanian]
(DA)

JURANE, ANNA, and MARIJA MATISONE. [Increasing the productivity of fishponds on collective and state farms in the Latvian S. S. R.] Diku produktivitates paaugstinasana Latvijas PSR lauksaimniecibas artelos un padomju saimniecibas Riga, Latvijas PSR Zinatnu akad. Izdevnieciba, 1961. 83 p [In Latvian]
(DA)

KARMYSHEV, ABDYKADYR. [Our practices of mechanizing livestock farms] Nash opyt mekhanizatsii truda v zhivotnovodstve. Frunze, Kirgizskoe gos. izd-vo, 1960 57 p (Peredovoi opyt v sel'skom khozlaistve Kirgizii)
(DA)

KAULINS, ALBERTS, and ARONS LEVTOVS. [Agricultural planning for elementary schools and study groups on agricultural economics. Translated by J. Dimdins] Lauksaimnieciskas razosanas planosana; lauksaimniecibas ekonomikas pamatskolu un pulciņu klausitajiem. Riga, Latvijas Valsts izdevnieciba, 1961. 47 p [In Latvian]
(DA)

KAVUN, V. M. [Grow peas, it pays] Vyroshchuite horokh - tse vyhidno. Kyiv, Derzh. vyd-vo sil's'kohospodars'koi lit-ry URSR, 1961. 57 p (Shkola peredovoho dosvidu)
(DA)

KAZLAUSKAS, JULIJUS, JULIJUS PAGIRYS, and MIKOLAS RAUCKIS. [Helminth diseases of animals and poultry] Gyvulių ir paukscių helmintozes. Vilnius, Valstybine polines ir mokslines literaturos leidykla, 1961. 361 p [In Lithuanian]
(DA)

KERDIVARENKO, A. P. [Mechanization of Moldavian agriculture in the seven-year plan] Mekanizarla agrikultu ri Moldovei yn septenal. Traduchere de V. Zhavrotskii. Kishineu, Editura de stat "Kartia moldovenieaske," 1961. 129 p. [In Moldavian]
(DA)

KHOLUP'IAK, K. L. [More effective forest plantations for erosion control] Pidvyshchennia efektyvnosti protyerozilnykh lisovykh nasadzhen' Kyiv, Vyd-vo Ukrains'koi Akad. sil's'kohospodars'kykh nauk, 1961. 153 p.
(DA)

KHRABUSTOVSKII, I. F. [Care and maintenance of farm animals] Dohlad ta utrymannia sil's'kohospodars'kikh tvaryn. Kyiv, Derzh. vyd-vo sil's'kohospodars'koi lit-ry, 1959. 106 p.
(DA)

KIEV. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT SAKHARNOI SVEKLY. [Scientific works of the Veselyy Podol Agricultural Experiment Station for 1927-1958] Nauchnye trudy Veselopodolianskoi opytno-selektsionnoi stantsii za 1927-1958 gg. Kiev, Izd-vo Ukrainskoi akad. sel'khoz. nauk, 1961. 156 p.
(DA)

KIEV. VYSTAVKA PEREDOVOHO DOSVIDU V NARODNOMU HOSPODARSTVI UKRAINS'KOI RSR. [Exhibition of plants growing under natural conditions; a guide] Naturnyi pokaz roslynnitstva; putivnyk. Kyiv, Derzh. vyd-vo sil's'kohospodars'koi lit-ry URSR, 1961. 24 p.
(DA)

KORIN, P. D. [Selected works] Izbrannye proizvedeniia. Avtor teksta A. Zotov. Moskva, Akad. khudozh. SSSR, 1961. 23 p. illus. 46 plates.
(MR)

SOFIOVA, I. A., M. V. LLMEKHA, and L. O. OLESNEVICH. [Bacterial preparations from the experience of the Lithuanian pedagogical contacts] Sil'nymy zusyliamy, [bakterial'nymi] obrospiral'nymi preparatami [iz opyta kontaktov Litovskogo gosudarstvennogo pedagogicheskogo instituta]. Vil'nyus, Izd-vo Akad. nauk URSR, 1961. 52 p. (DA)

SOLOMINA, N. P. [Grain and grain products] Zernovye produkty i ikh pererabotka. Moskva, Izd-vo tekhn. i ekon. lit-ry po chernoi i tsvetnoi metallurgii, 1961. 519 p.

SOLOV'EVA, O. K. [Soviet Manufacturing's universities.] Universitet, Nikolay Manufacturing. Moskva, Izd-vo "Sovetskaya Rossiya," 1961. 124 p. (DA)

SOLOVICHKOV, P. IA. [Fruit growing in Tien Shan] Tian'-Shan'ia' sadovodstvo. Frunze, Kyrgyzstan mamlekettik basmasy, 1960. 36 p. [In Kirghiz] (DA)

SOLOVIOVAS, STASYS, and KOSTAS BECIUS. [Early potatoes] Anksty vyju bul'biu auginimas. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 102 p. [In Lithuanian] (DA)

SOLOVIOVAS, JONAS. [Bee culture] Bitininkyste. [Vilnius] Valstybine politines ir mokslines literaturos leidykla [1961] 662 p. [In Lithuanian] (DA)

SOLOVIOV, M. I., and A. G. SOLOV'EVA. [Catalog of spare parts for hay-making machinery] Katalog zapasnykh chastei k semenoborochnym mashinam. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1959. 240 p. (DA)

SOLOVIOV, V. P., and R. P. SOLOVIOVA. [Log truck trains] Avtomobil'nye lesovoznye poezda. Moskva, Goslesbumizdat, 1961. 175 p. (DA)

SOLOVIOV AND MEN. Zemlia i liudi. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1962. 195 p. (DA)

SOLOVIOV, N. S. [On the initiative of M. Kh. Savchenko] Za pochynom M. Kh. Savchenko. Kyiv, Derzh. vyd-vo sil's'kohospodars'koi lit-ry URSR, 1961. 25 p. (DA)

SOLOVIOV, P. I. [Use of electric power in agriculture] Primenenie elektricheskoi energii v sel'skom khoziaistve. Izd. 2., ispr. i dop. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 407 p. (DA)

SOLOVIOV, V. I. [Fundamentals of shelterbelt afforestation] Osnovy polezashchitnogo lesorazvedeniia. Kiev, Izd-vo Ukrainskoi akad. sel'khoz. nauk, 1961. 349 p. (DA)

SOLOVIOVENKO, T. D. [Plant nutrition from soil is the basic problem of agricultural research] Pochvennoe pitanie rastenii - korennoi vopros nauki zemledeliia. 3., dop. izd. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1962. 221 p. (DA)

SOLOVIOVKIN, A. M. [Production of soft cheeses] Proizvodstvo miagkikh syrov. Moskva, Pishchepromizdat, 1960. 93 p. (DA)

SOLOVIOVKIN, K. M. [A half century as a veterinarian] Polveka na postu veterinarnogo vracha. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 174 p. (DA)

[MANUAL ON SUGAR-BEET SEED PRODUCTION] Spravochnik po sveklovichnomu semenovodstvu. Moskva, Izd-vo M-va sel'. khoz. RSFSR, 1961. 90 p. (DA)

MASTAUSKIS, ST. [Protecting field crops from pests] Lauko kultura apsauga nuo kenkeju. Treciasis pataisytas ir papildytas leidimas. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 181 p. [In Lithuanian] (DA)

MELNYK, V. D. [Seventeen minutes of work for a centner of sugar beets] 17 khvylyn pratsi na tsentner buriakiv. Kyiv, Derzh. vyd-vo sil's'kohospodars'koi lit-ry URSR, 1962. 38 p. (DA)

MINEVYCH, S. M. [Liming of acidic soils as a reliable measure for the increase of their fertility] Vapnuvannia kyslykh gruntiv - nadiinyi zakhid pidvyshchennia ikh rodiuchosti. Kyiv, Derzh. vyd-vo sil's'kohospodars'koi lit-ry URSR, 1961. 44 p. (Bibliotechka "Rezervy semyrichki v sil's'komu hospodarstvi") (DA)

NALIVAIKO, G. A. [Row crop rotations] O proprishnoi sisteme zemledeliia. Moskva, Izd-vo M-va sel'. khoz. RSFSR, 1962. 111 p. (DA)

NAUMOVA, N. A. [Potato late blight] Fitoftora kartofelia. Leningrad, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 180 p. (DA)

NEKRASOVA, T. P. [Methods for evaluating and predicting yields from Siberian pine seeds] Metody otsenki i prognoza urozhaev semian kedra sibirskogo. Pod red. G. V. Krylova. Novosibirsk, Izd-vo Sibirskogo otdeleniia AN SSSR, 1960. 33 p. (CU) (DA)

NIKIFOROV, P. E. [Performance of machinery at high speeds] Rabota mashin na povyshennykh skorostiakh. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1962. 111 p. (DA)

NIKITIN, M. N. [High yields, inexpensive bread, from the practice of the "TSelinskii" demonstration state farm] Bogatye urozhai, deshevyi khleb, iz opyta oporno-pokazatel'nogo ordena Lenina sovkhoza "TSelinskii." [Rostov-na-Donu] Rostovskoe knizhnoe izd-vo, 1962. 16 p. (V oporno-pokazatel'nykh khoziaistvakh Dona)
(DA)

OKUNEV, G. S. [Manual on the expenditure of raw material and materials used in forestry] Spravochnik po raskhodu syr'ia i materialov, primeniaemykh v lesnoi promyshlennosti. Moskva, Goslesbumizdat, 1961. 225 p. (DA)

OLSEVSKIS, P. [Processing milk on the farm] Piena apstrade ferma. Riga, Latvijas Valsts izdevnieciba, 1961. 126 p. [In Latvian] (DA)

OTTSELAINEN, V. P., and L. P. POPOV. [More meat for the country] Bol'she miasa stране. Frunze, Kirgizskoe gos. izd-vo, 1961. 79 p. (DA)

PABLAKS, R. [Nonutilized reserves in meat production] Nelizmantotas rezerves galas razosana. Riga, Latvijas lopkopibas un veterinarijas zinatniski petnieciskais instituts, 1961. 12 p. [In Latvian] (DA)

PALIKEVICIUS, PRANAS. [He takes care of 2600 bacon producers, swine breeder Vytautas Venckaitis' experience at the Piktupenai State Farm] Vienas - 2500 bekonu; Piktupenu tarybinio ukio kiaulia auginotojo Vytauto Venckaicio patyrimas. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 19 p. [In Lithuanian] (DA)

PERVITSKII, V. IA. [Minutes and centners] Minuty i tsentnery. [2 izd. Krasnodar, Krasnodarskoe knizhnoe izd-vo, 1962] 59 p. (DA)

PETERSONE, I. [Maintaining poultry on deep litter] Putnu turesana dzilajas kutis. Riga, Latvijas Valsts izdevnieciba, 1961. 21 p. (Lopkopja biblioteka) [In Latvian] (DA)

PETERSONE, I. [Practices of Latvian duck raisers] Latvijas PSR pilkopju pieredze. Riga, Latvijas Lopkopibas un veterinarijas zinatniski petnieciskais institute, 1961. 19 p. [In Latvian] (DA)

PETRICHUK, D. I., and L. A. SLASHCHEVA. [Manganese and its importance in agriculture] Marganets i ego znachenie v sel'skom khoziaistve. Frunze, Kirgizskoe gos. izd-vo, 1960. 45 p. (DA)

POSKUS, BALYS. [Lowering costs on collective farms] Savikainos mazinimas kolukiuose. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 106 p. [In Lithuanian] (DA)

PRINTS, IA. I. [Cultivation of scion-rooted grapes in Moldavia] Kultura vitsei de vie nealtoito yn Moldova; editsiia a doua. Kishineu, Editura de stat "Kartiia moldoveniaske," 1960. 96 p. [In Moldavian] (DA)

PRITULA, IU. V. [Antibiotics in the feeding of farm animals, from the practices of the production and use of antibiotic feed supplements on collective farms in Orgeyev, Telenesthy, and Tiraspol' Districts] Antibiotiki v kormlenii zhivotnykh; iz opyta proizvodstva i primeneniia kormovykh antibiotikov v kolkhozakh Orgeevskogo, Teleneshtskogo i Tiraspol'skogo raionov. Kishinev, Gos. izd-vo "Kartia moldoveniaske," 1960. 14 p. (DA)

PYTCHENKO, P. I. [Safety measures in the [illegible] of ensilage] Tekhnika bezopasnosti pri [illegible] kormov. [Moskva, Izd-vo M-va sel'. khoz. RSFSR, 1961] 6 p. (Pamiatka rabochikh i sel'skogo [illegible]) (DA)

RHIPERS, A. [How we prepare for the [illegible] the CPSU; achievements on the "Turlaiki Farm] PSKP XXII kongresam sagatavojot, [illegible] saimniecibas "Turlaiki" sasniegumi. Rig[illegible] Valsts izdevnieciba, 1961. 57 p. [In Latvian] (DA)

RIEPIN, A. M., and O. I. NAUMENKO. [Oil seed and forage corn] Sushinnia ta zberihannia [illegible] kukurudzy. Kyiv, Derzh. vyd-vo sil's'kohospodars'koi lit-ry URSR, 1961. 62 p. (DA)

ROMANKO, O. I. [More poultry] Bil'she ptakhiv. Zakarpats'ke oblasne knyzhkove [illegible] 16 p. (DA)

ROZE, KARLIS. [New varieties of potatoes] Jaunas kartupelu saknenes. Riga, Latvijas PSR Valsts izdevnieciba, 1961. 57 p. [In Latvian] (DA)

SAKS, K. [Growth of ash forests in the Latvian and basic principles in their reforestation] Latvijas PSR osa mezanadzes un to atjaunosanas pamatprincipi. Riga, Latvijas Valsts [illegible] 1958. 131 p. (DA)

SEMENIUTA, F. I. [Forest evaluation] [illegible] Moskva, Goslesbumizdat, 1961. 337 p. (DA)

SERGEENKO, V. M. [Pruning fruit trees] [illegible] dovykh derev'ev. 3. izd. Simferopol', [illegible] 1961. 130 p. (DA)

SHARAPOV, N. I. [Laws of chemical [illegible] plants; on quality of harvest] Zakonomernosti [illegible] rastenii, o kachestve urozhaia. Moskva, [illegible] nauk SSSR, 1962. 129 p. (DA)

SHCHADILOV, A. I. [Structure of arable [illegible] O strukture posevnykh ploshchadei. [illegible] knizhnoe izd-vo, 1962. 22 p. (Bibliotek[illegible]) (DA)

SHEKHURDIN, A. P. [Selected works] Izbrannye [illegible]. Moskva, Izd-vo sel'khoz. lit-ry, [illegible] plakatov, 1961. 321 p. (DA)

SHELUD'KO, IU. M. [Helminthosporiosis of [illegible] Gel'mintosporioz kukuruzy. Kyiv, Vyd-vo [illegible] Akad. sil's'kohospodars'kykh nauk, 1961. [illegible] (DA)

SHUL'GIN, A. M. [Agrometeorology; a course [illegible] for correspondence students at biological [illegible] of state universities] Agrometeorologiia, kurs [illegible] dlia studentov-zaochnikov biologicheskikh [illegible] gosudarstvennykh universitetov. [Moskva] Izd-vo Mosk. univ., 1961. 132 p. (DA)

SHUTEEV, M. P., and F. G. NOSOVITH. [Experience in cultivating the opium poppy] Opyt vozdelyvaniia opiinogo maka. Frunze, Kirgizskoe gos. [illegible] 43 p. (DA)

SKRIPAEVA, M. V. [For 150 eggs from each hen] 150 iaits ot kazhdoi kuritsy-nesushki. [illegible] skoe gos. izd-vo, 1960. 30 p. (Peredovoi opyt - sel'skom khoziaistvo Kirgizii) (DA)

[SOIL REGIONS OF THE U. S. S. R.] Pochvennoe [illegible] vanie SSSR. Pod red. D. G. Vilenskogo. [Moskva] Izd-vo Mosk. univ., 1960. Vol. 1-2. (MH)

SOSINA, E. I. [Collective and individual vitriculture] Kollektivnoe i prisadebnoe vinogradarstvo [illegible] Kirgizskoe gos. izd-vo, 1960. 59 p. (DA)

SOVESHCHANIE RABOTNIKOV SEL'SKOGO KHOZIAISTVA RESPUBLIK SREDNEI AZII, AZERBAIDZHANA I IUZHNYKH OBLASTEI KAZAKHSTANA, [illegible] 1961. [Materials of the Conference of Agricultural Workers of Central Asia, Azerbaijan, and South Areas of Kazakhstan.] [Materialy] Tashkent, Gos. izd-vo Uzbekskoi SSR, 1962. 358 p. (Za [illegible] tovarishchi khlopkorobyi) (DA)

STORAGE OF VEGETABLES AND POTATOES IN CHINA, popular storing methods] Khranenie ovoshchei i kartofelia v Kitae, narodnye metody khraneniia. Moskva, Gos. izd-vo torg. lit-ry, 1962. 166 p. (DA)

STRAUSMANE, L. [Raising labor productivity on swine farms] Darba raziguma celsana cukropibas fermas. Riga, Latvijas Valsts izdevnieciba, 1961. 60 p. (Lopkopja biblioteka) [In Latvian] (DA)

SUBBOTINA, P. A. [Shop for machine sheepshearing, from experience on the Krushchev State Sheep Raising Farm in Zimovniki District] TSekh mashinnoi strizhki ovets, iz opyta ovtsevodcheskogo sovkhoza imeni Krushcheva, Zimovnikovskogo raiona [Rostovskaia-Donu] Rostovskoe knizhnoe izd-vo, 1962. 34 p. (DA)

SVETIKA, PRANAS, and JONAS EIDZIUNAS. [Vegetable gardening] Darzininkyste. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 622 p. [In Lithuanian] (DA)

SVETLICHNYI, V. A. [Least expensive sugar beet] Samaia deshevaia svekla. [Krasnodar, Krasnodarskoe knizhnoe izd-vo, 1962] 63 p. (DA)

TARANOVS, V. [Tomatoes] Tomati. Riga, Latvijas Valsts izdevnieciba, 1961. 135 p. [In Latvian] (DA)

[TECHNOLOGICAL CHARTS FOR GRAPE CULTIVATION] Tekhnologicheskie karty po vozdelyvaniiu vinograda. Kiev, Gos. izd-vo sel'khoz. lit-ry USSR, 1961. 141 p. (DA)

TIKHOMIROVA, K. K., and N. A. SAMSONOVA. [Loose housing of cows] Besprivaznoe soderzhanie korov. [Moskva] Mosk. rabochii, 1961. 34 p. (Liudi, dela, plany) (DA)

TIMOSHIN, G. A. [Mitrofan Borisovich Grekov, his life and works] Mitrofan Borisovich Grekov; zhizn' i tvorchestvo. Moskva, Sovetskii khudozhnik, 1961. 357 p. (MH)

TREINIS, A. M. [Tapping trees] Podsochka lesa. Moskva, Goslesbumizdat, 1961. 356 p. (DA)

USTIUGOV, P. G., and A. D. DZHANAKOV. [Youth on livestock farms] Molodezh' na fermakh. Frunze, Kirgizskoe gos. izd-vo, 1961. 52 p. (Bibliotechka molodogo zhivotnovoda) (DA)

VALDMANIS, ANDREJS. [Studying standards for vitamin nutrition in swine and poultry breeding, instruction methods] Izucheniе norm vitaminnogo pitaniia v svinovodstve i pticevodstve; metodicheskie ukazaniia. Riga, Izd-vo Akad. nauk Latvilskoi SSR, 1961. 37 p. (DA)

VANIAN, R. M. [Mechanization of livestock farms, work practices at the state farms and collective farms in the Chechen-Ingush A. S. S. R.] Mekhanizatsiia zhivotnovodcheskikh ferm, iz opyta rabot sovkhozov i kolkhozov Checheno-Ingushetii. Groznyi, Checheno-Ingushskoe knizhnoe izd-vo, 1962. 57 p. (DA)

VEVERIS, J., comp. [Vegetable growing] Darzenkopiba. Riga, Latvijas Valsts izdevnieciba. [In Latvian]
Vol. 1. [Vegetable growing in the field] Lauku darzenkopiba. 1961. 413 p. (DA)

VINOGRADOV, M. I. [Safety measures in transportation operations] Tekhnika bezopasnosti na transportnykh rabotakh. [Moskva, Izd-vo M-va sel'. khoz. RSFSR, 1961]. 13 p. (Pamiatka rabotnika sel'skogo khoziaistva) (DA)

VLASIUK, P. A., and P. Z. LISOVAL. [Effectiveness of the use of organic-mineral fertilizers in grain and sugar-beet crop rotation] Effektivnost' organo-mineral'noi sistemy udobreniia v zernovo-sveklovichnom sevooborote. Kiev, Izd-vo Ukrainskoi Akad. sel'khoz. nauk, 1961. 152 p. (DA)

VYEZDNAIA SESSIIA PO VOPROSAM SOSTOIANIIA I ULUCHSHENIIA BOGARNOGO ZEMLEDELIIA V UZBEKISTANE, 1960. [Materials of the Out-Session Devoted to the Problems of the State and Improvement of Dry Farming in the Uzbek S. S. R.] Materialy vyezdnoi sessii, posviashchennoi voprosam sostoianiia i uluchsheniia bogarnogo zemledeliia respubliki. *Tashkent, Uzbekskaia Akad. sel'khoz. nauk, 1961.* 132 p. (DA)

[YOUNG RURAL INNOVATORS] Aiyldyn zhash novatorlory. Frunze, Kyrgyzstan mamlekettik basmasy, 1960. 111 p. [In Kirghiz] (DA)

ZADERII, I. I. [Feeding farm animals with beet pulp] Kormlenie sil'skokhoziaistvennykh zhivotnykh. Vyd. 2., pererab. i dop. Kyiv, Derzh. vyd-vo sil's'kohospodars'koi lit-ry, URSR, 1960. 101 p. (DA)

ZALTUR, G. K. [Soil erosion in vineyards and its control] Erozilia pochv na vinogradnikakh i bor'ba s nei. Kishinev, Gos. izd-vo "Kartia moldovenieske," 1961. 35 p. (DA)

ZHABULV, BEISHE. [How I managed to increase lambing in sheep] Men koilordu zhúiúr töldótuúnú kandai ótkóromun. Frunze, Kyrgyzstan mamlekettik basmasy, 1960. 34 p. [In Kirghiz] (DA)

ZHURIKOV, V. N. [Overall mechanization is the way for agricultural development] Kompleksnaia mekhanizatsiia - put' razvitiia sel'skogo khoziaistva. Moskva, Gos. izd-vo polit lit-ry, 1961. 62 p. (Ekonomicheskie znaniia - truzhenikam sela) (DA)

ZIBENS, P., and V. ZARINS. [Use of draft horses in agriculture] Darba zirgu izmantosana lauksaimnieciba. Riga, Valsts izdevnieciba, 1961. 58 p. (Lopkopja biblioteka) [In Latvian] (DA)

ZORINS, K., and J. DUNDURS. [Increasing labor productivity is the path to abundance] Darba razigsuma panagstinasana - ceis uz parpilnibu. Riga, Latvijas *Valsts izdevnieciba, 1961.* 71 p. [In Latvian] (DA)

16. TECHNOLOGY

ABOVIAN, S. B. [Geology and minerals of the northeastern shore of Lake Sevan] Geologiia i poleznye iskopaemye severo-vostochnogo poberezh'ia ozera Sevan. Erevan, Izd-vo Akad. nauk Armianskoi SSR, 1961. 260 p.

ADARIUKOV, I. K., and A. D. PANFEROV. [Roads build with the help of the people, practice of road construction in Perm Province] Dorogi - metodom narodnoi stroiki, iz opyta stroitel'stva dorog v Permskoi oblasti. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961. 39 p. (V pomoshch' stroiteliu sel'skikh dorog)

[ADVANCED WORK METHODS FOR WORKERS ENGAGED IN FREIGHT OPERATIONS] Peredovye metody truda *rabotnikov gruzovogo khoziaistva. Moskva, Vses.* izdatel'sko-poligr. ob"edinenie M-va putei sobshcheniia, 1961. 91 p.

[AERIAL METHODS OF STUDYING NATURAL RESOURCES] Aerometody izucheniia prirodnykh resursov. Moskva, Gos. izd-vo geogr. lit-ry, 1962. 327 p.

AGEEV, L. M., S. Z. IVANOV, and V. A. SMIRNOV. [Technology of sugar substances, general course] Tekhnologiia sakharnykh veshchestv; obshchii kurs. Pod red. P. M. Silina. Moskva, Pishchepromizdat, 1961. 488 p.

AKADEMIIA NAUK SSSR. Institut gornogo dela. [Mining and dressing ores of the Kursk Magnetic Anomaly] Voprosy razrabotki i obogashcheniia rud KMA. Moskva, Izd-vo Akad. nauk SSSR, 1962. 193 p.

AKADEMIIA NAUK SSSR. Komissiia po tekhnologii mashinostroeniia. [Automatic control of machinery manufacturing processes] Avtomatizatsiia protsessov mashinostroeniia. Moskva, Izd-vo Akad. nauk SSSR.
Vol. 2. [Hot metalwork] Goriachaia obrabotka metallov. 1962. 272 p.

AKADEMIIA NAUK SSSR. Komitet tekhnicheskoi terminologii. [Gear wheels, engagements and transmissions with a constant gear ratio, terminology] Zubchatye kolesa, zatseplenila i peredachi s postoiannym peredatochnym otnosheniem; terminologiia. Moskva, Izd-vo Akad. nauk SSSR, 1962. 67 p. (Sborniki rekomenduemykh terminov, no. 57)

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. [Laying asbestos cement and tile roofing] Ustroistvo asbestotsementnykh i cherepichnykh krovel'. Izd. 2., ispr. i perer. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 186 p.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. [Painting, paper hanging, and glazing] Malliarnye, oboinye i stekol'nye raboty. Izd. 2., ispr. i dop. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 316 p.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. [Temporary instructions for ensuring the solidity of outside walls in buildings using large concrete blocks] Vremennye ukazaniia po obespecheniiu monolitnosti stenovykh ograzhdenii v *zdaniiakh iz krupnykh betonnykh blokov VU 5-61.* Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 89 p.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut osnovanii i podzemnykh sooruzhenii. [Measures against frost heaving of foundations] Meropriiatiia protiv morozoznogo vypuchivaniia fundamentov. [By] G. I. Kostinenko. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1962. 29 p.

AKHANCHENOK, A. G. [Volunteers of Latvia] Dobrovol'tsy Latvii. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1960. 25 p.

AKHVERDOV, I. N. [Highly durable concrete, experimental and theoretical studies in the technology of concrete] Vysokoprochnyi beton, eksperimental'nye i teoreticheskie issledovaniia po tekhnologii betona. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 161 p.

AKSENOV, I. IA. [Organization and management of freight transportation on railroads abroad] Regulirovanie perevozok na zarubezhnykh zheleznykh dorogakh. Moskva, Gos. transp. zhel-dor. izd-vo, 1958. 179 p.

ALEKHIN, K. A., and D. M. ZEKTSER. [Code dispatching relays] Kodovye dispetcherskie rele. Moskva, Gos. energ. izd-vo, 1961. 151 p. (Biblioteka po avtomatike, no. 47)

ALEKSEENKO, M. F. [Structure and properties of heat-resistant, structural and stainless steels] Struktura i svoistva teplostoikikh konstruktsionnykh i nerzhaveiushchikh stalei. Moskva, Gos. nauchno-tekhn. izd-vo Oborongiz, 1962. 215 p.

ALEKSEENKO, V. I., and others. [Design and planning of new and reconstructed factories for artificial (rubber-type) leather] Proektirovanie novykh i rekonstruirueмykh predpriiatii iskusstvennoi kozhi (tipa reziny). Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1961. 102 p.

ALEKSEEV, K. A. [Tuning and adjustment of television receivers] Nastroika i reguliuvannia televizoriv. Kyiv, Derzh. vyd-vo tekhn. lit-ry URSR, 1961. 149 p.

ALESHKIN, P. K. [Safety regulations for workers in general brigades engaged in assembling buildings made of large blocks] Pamiatka po tekhnike bezopasnosti dlia rabochikh kompleksnoi brigady po montazhu zdanii iz krupnykh blokov. Izd. 2., perer. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 31 p. (Tekhnika bezopasnosti v stroitel'stve)

AMIROV, I. M. [Die-stamping on horizontal forging machines] Shtampovka na gorizontal'no-kovochnykh mashinakh. Pod red. A. S. Kon'kova. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 64 p. (Nauchno-populiarnaia biblioteka rabochego kuznetsa, no. 12)

ANDREEV, A. S. [Metallurgical analysis; school manual for laboratory work] Tekhnicheskii analiz v metallurgii, uchebnoe posobie k laboratornym zaniatiiam. Leningrad, Leningr. politekhn. in-t im. M. I. Kalinina. No. 1. 1961. 151 p.

ANDREEV, P. A. [Rotary screw compressors] Vintovye kompressornye mashiny. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1961. 250 p.

ANDREEV, S. E., V. V. ZVEREVICH, and V. A. PEROV. [Crushing, milling and screening of minerals] Drobleniе, izmel'chenie i grokhochenie poleznykh iskopaemykh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 384 p.

ANTIPOV, V. V. [Repair and adjustment of the fuel system of diesel tractors] Remont i regulirovanie toplivnoi apparatury dizel'nykh traktorov. [Saratov] Saratovskoe knizhnoe izd-vo, 1961. 126 p.

ARIFOV, U. A. [Interaction of atomic particles with a metal surface] Vzaimodeistvie atomnykh chastits s poverkhnost'iu metalla. Tashkent, Izd-vo Akad. nauk Uzbekskoi SSR, 1961. 323 p.

ATABEKOV, V. B. [VMG-133 and MG-35 high voltage oil circuits, an electrician's manual] Vysokovol'tnye maslianye vyklyuchateli VMG-133 i MG-35, prakticheskoe rukovodstvo dlia elektromontera. Moskva, Izd-vo M-va Kommun. khoz. RSFSR, 1961. 101 p.

AZAREKOV, V. B., and I. F. PIETNEV. [Relay protection and automation control] Releinaia zashchita i avtomatika. Moskva, Izd-vo M-va Kommun. khoz. RSFSR, 1961. 53 p.

ATROSHCHENKO, V. I. and S. I. KARGIN. [Technology of nitric acid] Tekhnologiia azotnoi kisloty. Moskva, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1962. 523 p.

[AUTOMATIC CONTROL, REMOTE CONTROL, AND COMMUNICATIONS ON A. C. RAILROADS] Avtomatika, telemekhanika i sviaz' na zheleznykh dorogakh s elektrotiagoi peremennogo toka, sbornik statei. Pod obshchei red. D. A. Bunina. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 201 p.

AVERKHKH, A. IA. [Wood plastics and wood chemicals, survey] Drevesnye plastiki i khimicheskie produkty iz drevesiny, obzor. Leningrad, Leningradskii Dom nauchno-tekhn. propagandy, 1962. 96 p.

[AUTOMATION AND MECHANIZATION OF CONTROL SYSTEMS IN THE MACHINERY INDUSTRY, manual] Avtomatizatsiia i mekhanizatsiia sredstv kontrolia v mashinostroenii, spravochnoe posobie. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1962. 215 p.

BABILIUS, VINCAS, KSAVERAS BIELIUNAS, and ANDRIUS NOVODVORSKIS. [Study of metals] Metalotyra. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 217 p. [In Lithuanian]

BAIBAKOV, A. B., and KATS, R. S. ["Leninskaia kuznitsa" Plant] Zavod "Leninskaia kuznitsa." Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1962. 172 p.

BALANDIN, G. F. [Chill casting] Lit'e namorazhivaniem. Moskva, Mashgiz, 1962. 261 p.

BALANDIN, IU. F., and V. G. MARKOV. [Structural materials for power plants with liquid metal heat exchangers] Konstruktsionnye materialy dlia ustanovok s zhidkometallicheskimi teplonositeliami. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1961. 203 p.

BALCIUNAS, JONAS VYTAUTAS DOVYDAITIS, and BRONIUS OSKINIS. [Following the clouds] Debesu keliais. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 190 p. [In Lithuanian]

BANATOV, P. S. [Repair and maintenance of mining equipment] Remont i obsluzhivanie shakhtnogo oborudovaniia. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 342 p.

BARBALANOV, K. A., and K. P. LEMARIN'E. [Fish canning] Proizvodstvo rybnykh konservov. Moskva, Pishchepromizdat, 1961. 407 p.

BARLAS, O. H. [Longwall mining with the use of ShchN-M-57 shields in the Nikopol' manganese basin] Vyimannia lavoiu z zastosuvanniam shchita ShchN-M-57 u Nikopol's'komu margantsevomu basseini. [Dnipropetrovs'k] Dnipropetrovs'ke knyzhkove vyd-vo, 1959. 20 p.

BARON, L. I., B. M. LOGUNTSOV, and E. Z. POZIN. [Determining properties of rocks, reference book] Opredelenie svoistv gornykh porod, spravochnoe posobie. Pod red. L. I. Barona. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1962. 331 p.

BARTASHEV, L. V. [Organization of intershop conveying] Organizatsiia mutritsekhovogo transporta. Moskva, Mashgiz, 1960. 98 p.

BATALOV, N. M., and B. P. PETROV. [*Electric traction* machinery] Tiagovye elektricheskie apparaty. Moskva, Gos. energ. izd-vo, 1961. 207 p.

BAZHENOV, A. I. [Quantum radio physics, a new science] Novaia nauka - kvantovaia radiofizika. Moskva, Izd-vo "Znanie," 1961. 34 p. (Narodnyi universitet kul'tury. Estestvennonauchnyi fakul'tet, no. 25)

BECHIN, A. P. [Construction of foundation pits for hydraulic power installations] Sooruzhenie kotlovanov gidrouzlov. Moskva, Gos. energ. izd-vo, 1961. 179 p.

BEILINA, G. [Labor productivity in industrial enterprises. Translated by J. Janova] Darba razigums rupniecibas uznemumos. Riga, Latvijas Valsts izdevniecība, 1961. 33 p. (Paligs ekonomiskat izglitibai) [In Latvian]

BELEVICH, N. I., and IU. V. CHAIKOVSKII. [Mechanization of fitting and tapping operations, the 3 UMD electric unit for the mechanization of tapping] Mekhanizatsiia slesarno-dovodochnykh rabot, elektrifitsirovannaia ustanovka mekhanizatsii dovodki tipa 3 UMD. Leningrad, 1962. 26 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia Mekhanicheskaia obrabotka metallov, no. 3)

BELOGORTSEV, P. G. [Dumper-type hopper cars, design, operation, repair] Khopper-dozatory, ustroistvo, ekspluatatsiia i remont. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1962. 78 p. (Bibliotechka putevika-mekhanizatora)

BELORUSSKII AVTOMOBIL'NYI ZAVOD. [Catalog of spare parts for the MAZ-525 dump truck] Katalog zapasnykh chastei avtomobilia-samosvala MAZ-525. Moskva, Mashgiz, 1962. 302 p.

BEL'SKII, V. I., and A. V. KUDRIAVTSEV. [Transporting materials in large units in connection with the construction of industrial furnaces] Transportirovanie materialov v paketakh pri stroitel'stve promyshlennykh pechei. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 136 p.

BERNSHTEIN, L. B., comp. [German-Russian dictionary of hydraulic engineering] Nemetsko-russkii gidrotekhnicheskii slovar'. Pod red. M. M. Grishina. Moskva, Glav. red. inostr. nauchno-tekhn. slovarei Fizmatgiza, 1961. 579 p.

BESSONOV, L. A. [Theoretical principles of electrical engineering, in three parts] Teoreticheskie osnovy elektrotekhniki, v trekh chastiakh. [Izd. 3.] Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 791 p.

BIERNIS, INDRIKIS. [Maintenance of agricultural machinery] Masinu glabasana lauksaimniecība. Riga, Latvijas, Valsts izdevniecība, 1961. 27 p. (Lauksaimniecības mehanizatora bibliotekā) [In Latvian] (DA)

BIRGER, A. I. [Factory where they build houses] Zavod, gde stroiat doma. [Moskva] Mosk. rabochii, 1962. 66 p.

BIRGER, I. A. [Circular plates and shells of revolution] Krugloe plastinki i obolochki vrashchenila. Moskva, Gos. nauchno-tekhn. izd-vo Oborongiz, 1961. 367 p.

BIRIUKOV, P. T. [Practices of the manufacture of wood particles boards] Opyt proizvodstva drevesno-struzhechnykh plit. Moskva, Goslesbumizdat, 1961. 87 p.

BLEKHMAN, A. B. [Matching of planed veneer for furniture facing] Podbor strogannoi fanery i shpona dlia oblitsovki mebeli. Moskva, Goslesbumizdat, 1961. 85 p.

BLOKH, L. S. [Triangular system of coordinates and its use in metallurgical calculations] Treugol'naia sistema koordinat i ee primenenie dlia metallurgicheskikh raschetov. Izd. 2., dop. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1962. 157 p.

BOBROVSKII, G. S. [Low capacity boiler systems, industrial, municipal and agricultural] Kotel'nye ustanovki maloi moshchnosti; promyshlennye, kommunal'nye i sel'skokhoziaistvennye. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 311 p.

BOCHKAREVA, E. A. [Care of the facial skin] Ukhod za kozhei litsa. Alma-Ata, Kazakhskoe Gos. izd-vo, 1961. 69 p.

BOGATYREV, V. N. [Selection of an economic process for machining parts in machinery plants] Vybor ekonomicheskogo protsessa mekhanicheskoi obrabotki detalei na mashinostroitel'nykh zavodakh. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 71 p. (Bibliotechka po zavodskoi ekonomike)

BOGDANOV, P. F., and E. S. ZHGUN. [Preparation of paint materials in centralized workshops] Zagotovka maliarnykh sostavov v tsentralizovannykh masterskikh. Leningrad, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 168 p. (Seriia posobii dlia nachinaiushchikh rabochikh)

BOGOMOLOV, V. N. [Devices using Hall transducers and magnetoresistance transducers] Ustroistva s datchikami Kholla i datchikami magnitosoprotivleniia. Moskva, Gos. energ. izd-vo, 1961. 167 p. (Biblioteka po avtomatike, no. 42)

BOGORODSKII, A. L. [Steel smelting in open-hearth furnaces] Plavka stali v martenovskikh pechakh. Pod. red. L. M. Volpianskogo. Moskva, Mashgiz, 1961. 45 p. (Nauchno-populiarnaia biblioteka rabochego-liteishchika, no. 18)

BONDARCHUK, A. P., I. I. KLODNITSKII, and [illegible] SHER. [Automatic control on the [illegible] petroleum product pipelines] Kontrol' [illegible] nefteproduktoprovodov. Moskva, Gos. nauchno-tekhn. izd-vo neft. i toplivnoi lit-ry, 1961. 193 p.

BONDAREV, G. S. [Transducers and [illegible] devices for transportation systems] [illegible] avtomaticheskogo kontrolia dlia transporta. [illegible] ustroistv. Moskva, Gos. energ. [illegible] (Biblioteka po avtomatike, no. 45)

BONDIN, IU. N. [Safety regulations for [illegible] in the production of asphalt concrete] [illegible] tekhnike bezopasnosti dlia rabochikh [illegible] asfal'tobetona. Moskva, Gos. [illegible] arkhit. i stroit. materialam, 1961. [illegible] bezopasnosti)

[A BOOK FOR RURAL RADIO AMATEURS] [illegible] skogo radiolubitelia. Pod obshchei red. [illegible] da. Moskva, Izd-vo DOSAAF, 1961. [illegible]

BORINSKII, M. I., and V. S. STEPANOV. [Horizontal forging] Svobodnaia kovka na molotakh. Pod red. A. S. Konkova. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 64 p. (Massovaia nauchno-populiarnaia biblioteka rabochego kuznetsa, no. 2)

BORISOV, A. A. [New methods of demolishing [illegible] holding] Novye metody razrushenii [illegible] kirpi. Moskva, Gos. nauchno-tekhn. [illegible] gornomu delu, 1962. 62 p.

BORISOV, S. D. [Underground storage of [illegible] practice of the Kuybyshev Economic [illegible] noe khranenie gaza, iz opyta raboty Kuib[illegible] sovnarkhoza. Moskva, Gostoptekhizdat, [illegible]

BORODIN, IU. P. [Operator of an electric [illegible] for work training and technical instruction] [illegible] elektrichestvo i kranu, uchebnik dlia prof[illegible] tekhnicheskogo obucheniia rabochikh. [illegible] Sverdlovsk, Gos. nauchno-tekhn. izd-vo lit-ry [illegible] chernoi i tsvetnoi metallurgii, 1961. [illegible]

BRAKSS, NIKOLAJS. [Swamps and peat] Purvi un kūdra. Rīga, Latvijas PSR Zinātņu akadēmijas izd-ns, 1961. 90 p. [In Latvian]

BRAMMER, IU. A., and V. D. MALINSKII. [Radio engineering] Radiotekhnika. Moskva, Gos. izd-vo, 1961. 695 p.

[MICROFILM]

BRIANSKII MASHINOSTROITEL'NYI ZAVOD. [illegible] locomotive, operation and maintenance in the [illegible] Teplovoz TEM1; rukovodstvo po ekspluatatsii i obsluzhivaniiu. Moskva, Vses. izdatel'sko-[illegible] ob"edinenie M-va putei soobshcheniia, [illegible]

BUDNIKOV, M. S., P. I. NEDAVNII, and V. I. [illegible] [Principles of assembly-line methods in [illegible] Osnovy potochnogo sborochnogo [illegible] Budnikova. Kiev, Gos. izd-vo lit-ry po [illegible] USSR, 1961. 413 p.

BUKHMAN, IA. Z., and U. KH. BAKHROV. [Mine ventilation in metal mines] Moshnoe provetrivanie metallicheskikh rudnikov. Moskva, Gos. [illegible] tekhn. izd-vo lit-ry po gornomu delu, [illegible]

BULAVIN, L. A. [Machinery for the manufacture of ceramic articles] Mashiny dlia proizvodstva keramiki. Izd. 2., dop. i peror. Moskva, [illegible] 1962. 410 p.

BULDAKOVA, R. I., and V. I. KIPARENKO. [Equipment for voltage measurements at high and super-high frequencies] Apparatura dlia izmerenii napriazhenii na vysokikh i sverkhvysokikh chastotakh. Moskva, Gos. izd-vo standartov, 1961. 61 p.

BUN'KO, V. A., S. A. VOLOTKOVSKII, and N. G. [illegible] LEVICH. [Automatic control in ore dressing] Avtomatizatsiia na obogatitel'nykh fabrikakh. Pod red. S. A. Volotkovskogo. Moskva, Gos. [illegible] izd-vo po gornomu delu, 1961. 303 p.

BYSTROV, G. P. [Technology of material manufacture] Tekhnologiia spichechnogo proizvodstva. [illegible] Goslesbumizdat, 1961. 219 p.

CHEBALIN, P. I. [The road of a hero] Doroga i [illegible] Moskva, Gos. izd-vo polit. lit-ry, 1962. 46 p. [illegible] i podvigi)

BUTALOV, V. A. [Technology of metals] Tekh[illegible] metallov. Izd. 3., ispr. i dop. Moskva, Gos. [illegible] tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1962. 512 p.

CHERVIAKOV, F. I., and N. V. SUMAROKOV. [Sewing machines] Shveinye mashiny. 2. izd. peror. i [illegible] Moskva, Mashgiz, 1962. 467 p.

CHERVIAKOV, F. I., and E. P KURSKAIA [Trends in the design of new sewing machines, experience of the *Podol'sk Machinery Plant* named after Kalinin] Napravlenie v konstruirovanii novykh shveinykh *mashin, opyt Podol'skogo* mekhanicheskogo zavoda im. Kalinina. Stenogramma lektsii, prochitannoi v LDNTP na seminare dlia rabotnikov shveinoi promyshlennosti. Leningrad, 1961. 43 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Seriia: Shveinaia promyshlennost')

[A CONCISE BUILDER'S GUIDE] Trumpas statybininko vadovas. [By] I. Dilba ir kiti. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961 395 p. [In Lithuanian]

[COLLECTED ARTICLES ON HYDROGEOLOGY AND ENGINEERING GEOLOGY] Sbornik statei po voprosam gidrogeologii i inzhenernoi geologii. Pod red. N. N. Romanovskogo. [Moskva] Izd-vo Mosk. univ., 1962 428 p.

[CORROSION CRACKING AND BRITTLENESS. Translated from the English] Korrozionnoe rastreskivanie i khrupkost', sbornik statei. Moskva, Mashgiz, 1961 186 p.

DAMASKIN, B. I., and IU. P. SIDOROV. [Standardization and modernization of weft control mechanisms] Normalizatsiia i modernizatsiia mekhanizmov kontrolia utochnoi niti. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1961. 108 p.

[DETECTING AND ELIMINATING DEFECTS IN THE ELECTRIC CIRCUITS OF A.C ELECTRIC LOCOMOTIVES] Obnaruzhenie i ustranenie nelspravnostei v elektricheskikh tsepiakh elektrovozov peremennogo toka [By] G. A. Semenov i dr. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 127 p.

DIDKOVS'KYI, M. M. [Problem of the "Great Dnieper."] Problema Velykoho Dnipra. Kyiv, Vyd-vo Akad. nauk URSR, 1961 43 p.

DIL'MAN, V. M. [Clinical use of sex hormones and their analogues] Klinicheskoe primenenie polovykh gormonov i ikh analogov. Vil'nius, Gos. izd-vo polit. i nauchn. lit-ry Litovskoi SSR, 1961. 199 p. (DNLM)

DOLGINOV, A. I. [Overvoltages in electric power systems] Perenapriazheniia v elektricheskikh sistemakh. Moskva, Gos. energ. izd-vo, 1962 511 p.

DOVZHUK, G. T., K. IA. IVANETS, and V. F. ANASTA-S'IN. [Equipment for oil and gas refineries and principles of its design] Oborudovanie neftegazopererabatyvaiushchikh zavodov i osnovy ego rascheta. Moskva, Gostoptekhizdat, 1962. 343 p.

DRABKIN, A. L., and V. L. ZUZENKO. [Antenna feeding devices] Antenno-fidernye ustroistva. Moskva, Izd-vo "Sovetskoe radio," 1961. 615 p.

DROBINSKII, V. A., and P. M. EGUNOV. [Construction and performance of the diesel locomotive] Kak ustroen i rabotaet teplovoz. Moskva, Gos. transp. zhel-dor. izd-vo, 1961. 328 p.

DROGALIN, G. V., D. M. KURAS, and IA. L. POLESIN [Safety engineering in geological prospecting] Tekhnika bezopasnosti pri geologorazvedochnykh rabotakh. Leningrad, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 370 p.

DUDIN, A. A. [Group technology in mechanized shell casting (five-element form of standardization), stenographic record of a lecture delivered in the Leningrad House of Scientific Technological Propaganda during the seminar of Leningrad foundrymen] Gruppovaia tekhnologiia pri mekhanizirovannom kokil'nom lit'e (piatielementnaia forma tipizatsii); stenogramma lektsii, prochitannoi v LDNTP na zaniatiiakh seminara leningradskikh liteishchikov. Leningrad, 1962. 47 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Seriia: Liteinoe proizvodstvo)

DUDINA, N. I. [Methods of welding nickel and some of its alloys] Sposoby svarki nikelia i nekotorykh ego splavov; stenogramma lektsii. Leningrad, 1962. 44 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Seriia: Svarka i paika metallov)

[DURABLE PAVEMENT FOR AIRPORTS] Zhestkie pokrytiia aerodromov. [By] B. S. Raev-Bogoslovskii i dr. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transporta i shosseinykh dorog RSFSR, 1961. 321 p.

DYKHOVICHNYI, A. I., and IU. A. DYKHOVICHNYI. [Reinforced-concrete structures and their use in mine construction] Zhelezobetonnye konstruktsii i ikh primenenie v shakhtnom stroitel'stve. Izd. 2. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1962. 701 p.

EFENDIZADE, A. A. [Controlled electric drive for drilling oil wells] Regulirovemyi elektroprivod dlia burenia neftianykh skvazhin. Baku, Azerbaidzhanskoe gos. izd-vo, 1961. 142 p.

EFREMOV, S. V., V. A. STRUGACH, and V. A. DUBINSKAIA. [Intaglio printing] Glubokaia pechat'. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 372 p.

EIDUKS, JULLIS, and MARTINS KALNINS [Minerals of the Latvian S. S. R. and their use] Latvijas PSR derigie izrakteni un to izmantosana. Riga, Latvijas Valsts izdevnieciba, 1961 430 p. [In Latvian]

[ELECTRIFICATION OF AGRICULTURE] Zemes ūkio elektrifikavimas. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 541 p. [In Lithuanian]

ELATOMTSEV, V. I. [Universal measuring device with a transistor and electron-tube tester] Universal'nyi izmeritel'nyi pribor s ispytatelem radiolamp i tranzistorov. Moskva, Gos. energ. izd-vo, 1961. 39 p. (Massovaia radiobiblioteka, no. 410)

EPIFANOVA, V. I. [Low-temperature radial turboexpanders] Nizkotemperaturnye radial'nye turbodetandery. Moskva, Mashgiz, 1961 399 p. diagrs.

ERMAKOV, K. S., N. V. TARASENKO, and V. M. LUTOV. [New methods for chip breaking] Novoe v struzhkolomanii. [Lipetsk] Lipetskoe knizhnoe izd-vo, 1960. 35 p.

ES'KOV, K. A. [Gas welding and cutting] Gazovaia svarka i rezka. Moskva, Mashgiz, 1961. 35 p. (Nauchno-populiarnaia biblioteka rabochego-svarshchika, no. 14)

FAVORSKII, V. E. [Cold extrusion of three-dimensional parts] Opyt kholodnogo vydavlivaniia ob"emnykh detalei. *Leningrad, 1962. 19 p. (Leningradskii Dom* nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Gorichaia i kholodnaia obrabotka *metallov davleniem, no. 3)*

FEDIUSHIN, N. D. *[Tables for determining the strength* of circular pipes, hollow cylinders and tanks subjected to radial pressure] Tablitsy dlia opredeleniia prochnosti kruglykh trub, polykh tsilindrov i rezervuarov, podvergaemykh radial'nomu davleniiu. Moskva, Mashgiz, 1962. 96 p.

FILIPPOV, V. V. [Operation and repair of a bucket excavator] Eksploatatsiia i remont odnokovshovykh ekskavatorov. 2., perer. izd. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1962. 383 p.

FILONENKO-BORODICH, M. M., and others. [Strength of materials course] Kurs soprotivleniia materialov. Pod obshchei red. M. M. Filonenko-Borodicha. Izd. 5., perer. Moskva, Gos. izd-vo fiziko-matem. lit-ry. Pt. 1. 1961. 656 p.

FISHBEIN, N. B. [Electrodes and fluxes for arc welding] Elektrody i flius dlia dugovoi svarki. Moskva, Mashgiz, 1961. 59 p. (Nauchno-populiarnaia biblioteka rabochego-svarshchika, no. 9)

FISHMAN, M. V. [Mineral wealth of the Komi Republic] Bogatstva nedr Komi Respubliki. Syktyvkar, Komi knizhnoe izd-vo, 1961 51 p.

[MICROFILM]

FITERMAN, IA. F. [Assembly and maintenance of hydraulic turbines] Montazh i remont gidroturbin. Izd. 2., perer. i dop. Moskva, Gos. energ. izd-vo, 1961. 553 p.

FOMENKO, T. G., I. S. BLAGOV, and A. M. KOTKIN. [Slime flocculation] Flokuliatsiia shlamov. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1962. 109 p.

FRANTSUZOV, IA. L., and L. M. BELIAEV. [Assembly and operation of suspended cableways] Montazh i ekspluatatsiia podvesnykh kanatnykh dorog. Moskva, Mashgiz, 1962. 275 p.

FRENKEL', S. SH. [Laboratory exercises and problems on milling work] Laboratornye raboty zadachi po frezernomu delu. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1961. 180 p.

GALAI, A. I. [Carpentry and cabinet work] Plotnichnye i stoliarnye raboty. Kiev, Gos. izd-vo lit-ry po stroit., i arkhit. USSR, 1961. 73 p. (V pomoshch' zastroishchiku)

GALIMZIANOVA, RASHIDA, and S. N. MARICHEV. [We are using nonferrous metals sparingly] *Ekonomim* tsvetnye metally. [Moskva] Mosk. rabochii, 1961. 57 p.

GEL'MAN-VINOGRADOV, K. B. [Microfilming documentary material and the organization of work with microfilms in Soviet archives] Mikrofotokopirovanie dokumental'nykh materialov i organizatsiia raboty s mikrofotokopiiami v arkhivakh SSSR. Pod red. A. A. Kuzina. Moskva, M-vo vysshego i srednego spetsial'nogo obrazovaniia RSFSR, 1961 183 p.

GINKIN, G. G. [Logarithms, decibels, and decilogs] Logarifmy, detsibely, detsilogi. Moskva, Gos. energ. izd-vo, 1962 351 p.

GLADKII, V. I., M. I. LOBANOV, and N. A. SLAVCHENKO. [Building machinery, machines, equipment, and instruments, a reference manual] Stroitel'nye mashiny, mekhanizmy, oborudovanie i instrumenty; spravochnik. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1961 915 p.

GLAZOV, N. V. [Using radioisotopes in engineering studies] Primenenie radioaktivnykh izotopov v inzhenernykh issledovaniiakh. Moskva, Gos. izd-vo lit-ry v oblasti atomnoi nauki i tekhn., 1962 67 p.

GOKUN, V. B. [Reducing the amount of metal used in machinery manufacture] Snizhenie konstruktivnoi metalloemkosti mashin. Moskva, Mashgiz, 1962 242 p.

GOL'DLNBLAT, I. I., and N. A. NIKOLAENKO. [Designing structures to withstand the force of earthquakes and shocks] Raschet konstruktsii na deistvie seismicheskikh i impul'sivnykh sil. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 319 p.

GONCHARENKO, G. T. [Reading and detailing of working drawings] Chtenie i detalirovka sborochnykh chertezhei. Moskva, Mashgiz, 1961. 67 p.

GORBATOV, V. I. [Safety regulations for workers with slaked lime and chlorinated solutions] Pamiatka po tekhnike bezopasnosti dlia rabochikh, zaniatykh gashcheniem izvesti i khlorirovaniem rastvorov. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961 23 p. (Tekhnika bezopasnosti)

GORENSHTEIN, A. B., and N. D. CHUBAROV. [New machinery for winning of milled peat] Novye mashiny dlia dobychi torfa frezernym sposobom. Moskva, Gos. energ. izd-vo, 1961 135 p.

GORLOV, O., and V. BORISOV [Animals in outer space] Zhivotnye v kosmose. Moskva, Izd-vo "Znanie," 1960. 93 p.

GORSHKOV, A. S., V. E. DOROSHCHUK, and N. V. KUZNETSOV, eds. [Increasing the steam parameters and operating capacity of units in heat engineering] Povyshenie parametrov para i moshchnosti agregatov v teploenergetike, sbornik statei. Moskva, Gos. energ. izd-vo, 1961 515 p.

GORSKII, S. P. [Steam-hammer forging] Svobodnaia kovka na pressakh. Pod red. A. S. Kon'kova. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961 62 p. (Nauchno-populiarnaia biblioteka rabochego kuznetsa, no. 8)

GOSUDARSTVENNYI KONTROL'NYI INSTITUT MEDITSINSKIKH BIOLOGICHESKIKH PREPARATOV IMENI L. A. TARASEVICHA. [Antibiotics, collection of methodological instructions on the supervision and standardization of antibiotic preparations] Antibiotiki, sbornik metodicheskikh ukazanii po kontroliu i standartizatsii antibioticheskikh preparatov. Pod red. L. S. Oglobliniol i L. M. IAkobson. Moskva, 1959. 134 p.

[MICROFILM]

GRATSIANSKII, M. N., and IU. V. ALEKSANDROVSKII. [Hydrology and hydraulic structures] Gidrologiia i gidrotekhnicheskie sooruzheniia. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 351 p.

GRIGOR'IAN, A. T., and V. P. ZUBOV. [Essays on the development of basic concepts in mechanics] Ocherki razvitiia osnovnykh ponlatii mekhaniki. Moskva, Izd-vo Akad. nauk SSSR, 1962. 272 p.

GRINGAUZ, F. I. [Sanitary engineering] Sanitarno-tekhnicheskie raboty. Izd. 4., perer. i dop. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1961. 502 p.

GRINILEV, L. S., and S. E. KIPNIS. [Wonderful lines] Chudesnye linii. [Moskva] Mosk. rabochii, 1961. 93 p.

GRUSHMAN, R. P., and A. G. IASHINA. [Asbestos-paper cord, practice in the manufacture and use of the new heat-insulating material] Asbestobumazhnyi shnur; opyt izgotovleniia i primeneniia novogo teploizoliatsionnogo materiala. Leningrad, 1962. 8 p. (Leningradskii Dom nauchno-tekhnicheskom propagandy. Obmen peredovym opytom. Seriia: Stroitel'naia promyshlennost', no. 1)

GUBANOV, V. S., I IA. ZOLOTAREVSKII, and A V. SAPRYKIN. [Containers; practical manual] Tara, prakticheskoe posobie Moskva, Gos. izd-vo torg lit-ry , 1961. 223 p.

GUREVICH, A. M., and E. M SOROKIN. [Tractors and motor vehicles] Traktory i avtomobili Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 567 p.

[HANDBOOK FOR THE OPERATOR AND MECHANIC OF OPEN-PIT MINE EQUIPMENT] Spravochnik mekhanika ugol'nogo kar'era. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961 639 p.

HEL'TS, V E. [Use of plastics in the manufacture of machinery and instruments] Zastosuvannia plastychnykh mas u mashino-i pryladobuduvanni Kyiv, Derzh. vyd-vo tekhn. lit-ry URSR, 1960 68 p.

HRABOVS'KYI, M. L [Driving motor vehicles] Vodinnia avtomobilia Kyiv, Derzh vyd-vo tekhn lit-ry URSR, 1961 109 p. (Biblioteka avtomobilista)

HRAZHDANTSEV, I. I. [The Bogdanovka Ore Dressing and Sintering Plant of the "Nikopol'-Marganets" Industrial Trust] Bohdanivs'ka zbahachuval'no-aglomeratsiina fabryka trestu "Nikopol'-Marganets'." [Dnipropetrovs'k] Dnipropetrovs'ke knyzhkove vyd-vo, 1959 12 p.

IAKOVLEV, D. G., and O. E. NUDEL'MAN. [Readjusted automatic lines of modernized multiple-purpose machine tools for the manufacture of taps] Perenalazhivaemye avtomaticheskie linii iz modernizirovannykh universal'nykh stankov dlia izgotovleniia metchikov Moskva, Mashgiz, 1962. 226 p.

IAKUNIN, N. K. [Circular saws and their use] Krugliye pily i ikh ekspluatatsiia. Moskva, Goslesbumizdat, 1960. 151 p.

IL'NITSKII, I. I. [Automatic and semiautomatic machine tools] Stanki-avtomaty i poluavtomaty. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 46 p. (Nauchno-populiarnaia biblioteka rabochego-stanochnika, no. 30)

[IMPROVEMENT OF UNDERGROUND MINING METHODS AND EQUIPMENT IN THE KRIVOY ROG BASIN] Sovershenstvovanie tekhniki i tekhnologii podzemnoi dobychi rudy v Krivorozhskom basseine [By] E. S. Belilovskii i dr. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961 238 p.

[INCREASE OF LABOR PRODUCTIVITY IN MINING ENTERPRISES] Pod'em proizvoditel'nosti truda na gornykh predpriiatiiakh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961 426 p.

INDIKT, E. A , and V P SOBOLEV. [Automatic line for washing trucks] Avtomaticheskaia linita moiki gruzovykh avtomobilei Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp i shosseinykh dorog RSFSR, 1960. 43 p. (Obmen tekhnicheskim opytom avtotransportnykh predpriiatii)

INDRIUNAS, JUOZAS. [Wool spinning] Vilnu verpimas. Vilnius, Valstybine politines ir mokslines literatur os leidykla, 1961. 314 p. [In Lithuanian]

[INDUSTRIAL ELECTRIC POWER PLANTS IN THE U. S. A. Articles translated from the English Preface by A D Abramovich] Promyshlennye elektrostantsii SShA. Moskva, Gos. energ. izd-vo, 1961 270 p. [MICROFILM]

[INVENTORS AND INNOVATORS SUGGEST, inventions, innovations and suggestions on the mechanization of agriculture] Izobretateli i ratsionalizatory predlagaiut; izobretenitia, usovershenstvovaniia i ratsionalizatorskie predlozhenila po mekhanizatsii sel'skokhoziaistvennogo proizvodstva [Moskva] Mosk. rabochii, 1962 111 p.

AEV, A. S. [Electricity and transportation; from the history of electric railroads and ground trackless electric transportation] Elektrichestvo i transport; iz istorii elektricheskikh zheleznykh dorog i nazemnogo bezrel'sovogo elektrotransporta. [Moskva] Mosk. rabochii, 1961, 108 p.

ISAEV, M. P., and V. A. ZABELIN. [The "IZh-56" and "IZh-IUpiter" motorcycles; construction, maintenance and driving] Mototsikly "IZh-56" i "IZh-IUpiter", ustroistvo, ukhod i obsluzhivanie Pod obshchei red. S. IA. Fishera i S. M. Tepliakova. Izhevsk, Udmurtskoe knizhnoe izd-vo, 1961. 207 p.

IUDIN, V. K. [Design of three-dimensional frames] Raschet prostranstvennykh ram. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1961. 141 p.

IUR'EV, B. N. [Selected works] Izbrannye trudy. Moskva, Izd-vo Akad. nauk SSSR.
Vol. 2. [Aerodynamics History of aviation engineering] Aerodinamika. Istoriia aviatsionnoi tekhniki. 1961. 272 p.

IURKOV, P. V. [What the builder should know about accounting on a construction project] Chto nuzhno znat' stroiteliu ob uchete na stroike. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 34 p. (V pomoshch' ekonomicheskomu obrazovaniiu rabochikh, brigadirov i masterov-stroitelei)

IVANOVA, E. K [Modern wooden bridges on highways in the U. S. A [Sovremennye dereviannye mosty na avtomobil'nykh dorogakh SShA. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp i shosseinykh dorog RSFSR, 1961. 34 p

IVLEV, N. G. [Booklet on protective clothing and individual protection measures] Pamiatka o spetsodezhde i sredstvakh individual'noi zashchity. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 30 p. (Tekhnika bezopasnosti)

KABANOV, V. S. [Efficient use of excavators] Vysokoproizvoditel'noe ispol'zovanie ekskavatorov. Moskva, Vses izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1962. 17 p.

KALINNIKOV, E. S. [Vacuum in the production of steel] Vakuum v proizvodstve stali Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1962. 159 p.

KALISS'KYI, V. S. [Fuel system of diesel engines] Sistema zhyvlennia dyzel'noho dvyhuna. Kyiv, Derzh. vyd-vo tekhn. lit-ry URSR, 1961. 93 p. (Biblioteka avtomobilista)

KALMYKOV, N. N., and I. A. MAL'KOV. [Drilling equipment used in the U. S. A.] Burovoe oborudovanie, primeniaemoe v SShA. Moskva, Gos. nauchno-tekhn izd-vo neft i gorno-toplivnoi lit-ry, 1962. 244 p.

KALNINS, V. K , I. I. BEINARTS, and B. M. TAUBINS. [Hydrolysis by the Riga method] Rizhskii sposob gidrolliza Pod red. P. N. Odintsova. Riga, Izd-vo Akad. nauk Latviiskoi SSR, 1961. 104 p.

KAL'NITSKII, IA. B., KH. I. ABRAMSON, and G. V RODIONOV. [Underground mechanical loading] Podzemnaia mekhanizirovannaia pogruzka. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 196 p.

KANIUKA, N. S., M. G. KUCHER, and A. A. NOVATSKII. [Selection and use of cranes for construction and assembly work] Vybor i primenenie stroitel'no-montazhnykh kranov. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1961. 183 p.

[KARAGANDA COAL BASIN, reference book] Karagandinskii ugol'nyi basseln, spravochnik. Pod obshchei red. A. A. Bolko i B. I. Lernera. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1962. 367 p.

KARASEV, V. IA., and A. SH. SHIFRIN [Efficient machining of metals with cutters of irregular circular pitch; survey] Proizvoditel'naia obrabotka metallov frezami s neravnomernym okruzhnym shagom; obzor. Leningrad, 1961. 98 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy Obmen peredovym opytom. Serila: Mekhanicheskaia obrabotka metallov)

KARASIK, I. G. [New portable equipment for flaw detection] Novaia portativnaia apparatura dlia defektoskopii. Leningrad, 1962. 21 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serila: Kontrol' kachestva produktsii, no. 4)

KARMAZIN, V. I. [Modern methods of magnetic separation of ferrous metal ores] Sovremennye metody magnitnogo obogashchenila rud chernykh metallov. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1962. 658 p.

KARPAVICIUS, P. [Practical guide to color photography] Spalvotosios fotografijos praktika. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 235 p. [In Lithuanian]

KARPINSKII, V. I [Concrete in a prestressed reinforced spiral band] Beton v predvaritel'no napriazhennoi spiral'noi obolme. Moskva, Orgtransstroi, 1961. 182 p.

KAVUNETS, D. N. [Hydrostatic leveling at construction sites] Gidrostaticheskoe nivelirovanie na stroitel'noi ploshchadke. Moskva, Izd-vo geodez. lit-ry, 1961. 66 p.

KAZANSKII, A. M. [Study, adjustment and testing of steam engines] Issledovanie, naladka i ispytanie parovykh mashin Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 119 p.

KHARKOV. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT ORGANIZATSII PROIZVODSTVA I TRUDA CHERNOI METALLURGII. [Consolidated norms and time norms for boring work; piece and small lot production] Ukrupnennye normy i normativy vremeni na rastochnye raboty, individual'noe i melkoserilnoe proizvodstvo Moskva, Metallurgizdat, 1962 407 p.

KHLUSOV, A. E. [Load-lifting and conveying equipment for plants manufacturing construction elements] Gruzopod"emnoe i transportnoe oborudovanie dlia zavodov sbornykh stroitel'nykh detalei. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 356 p.

KHRUSTALEV, L. IA. [Automatic arc welding and hard facing] Avtomaticheskaia dugovaia svarka i naplavka Moskva, Mashgiz, 1961. 43 p. (Nauchno-populiarnaia biblioteka rabochego-svarshchika, no. 11)

KHURIN, E. S. [Manual for young sanitary engineers] Spravochnik molodogo santekhnika. Moskva, Vysshaia uchebno-pedagog. izd-vo Proftekhizdat, 1961 182 p.

KIROVA, K. A., and T. P. SLIUSARENKO [Laboratory manual on microbiology in the food industry] Rukovodstvo k prakticheskim zaniatiiam po mikrobiologii pishchevykh proizvodstv. Moskva, Pishchepromizdat, 1961. 321 p.

KIRPICHNIKOV, L. A., and M. I. KHARIF. [Automatic control of transshipment machinery and the electric power supply network in sea ports] Avtomatizatsiia peregruzochnykh mashin i elektricheskikh setei morskikh portakh. Moskva, Izd-vo "Morskoi transport," 1961. 147 p.

KLEIN, G. K., and P. P. SMIRENKIN. [Bases and foundations] Osnovaniia i fundamenty. Izd. 4 , pererab. Moskva, Gos. izd-vo "Vysshaia shkola," 1961 211 p.

KLIAMKIN, S. L. [Thermal testing of steam turbine systems in electric power plants] Teplovye ispytaniia paroturbinnykh ustanovok elektrostantsii Moskva, Gos. energ. izd-vo, 1961. 407 p.

KLIMOVITSKII, M. D., and V. A KARLIK. [Brief handbook on temperature control in ferrous metallurgy] Kratkii spravochnik po teplovomu kontrolliu v chernoi metallurgii. Moskva, Metallurgizdat, 1962 208 p.

KLUBNIKIN, P. F. [Quick-acting induction clutches used in automatic control systems] Bystrodeistvuiushchie induktsionnye mufty v sistemakh avtomaticheskogo regulirovaniia. Moskva, Mashgiz, 1962 216 p.

KNAPP, K. K. [Safety measures connected with the turning on of gas into distribution systems] Tekhnika bezopasnosti pri puske gaza. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1961, 106 p.

KNIAZHITSKII, I. I., and M. P. RASHKOVETSII [Induction converters in program controlled machine tools] Induktivnye preobrazovateli v stankakh s programmnym upravleniem. Moskva, Mashgiz, 1962. 109 p.

KOLCHIN, N. I. [Mechanical engineering] Mekhanika mashin. Moskva, Mashgiz.
Vol. 1. [Structure and kinematics of mechanisms Geometrical and kinematic analysis and synthesis of mechanisms] Stroenie i kinematika mekhanizmov, geometricheskii i kinematicheskii analiz i sintez mekhanizmov. Izd. 2., perer. 1962. 549 p.

KOLESNIKOV, P. A. [Efficient principles for the design and manufacture of cold weather clothing] Rutsionnye printsipy postroeniia teplozashchitnoi odezhdy, stenogramma lektsii, prochitannoi v LDNTP na seminare dlia rabotnikov shveinoi promyshlennosti. Leningrad, 1961. 29 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Serilia: Shveinaia promyshlennost')

KOLIUKO, V. M. [Testing of free piston gas generators] Ispytaniia svobodnoporshnevykh generatorov gaza. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl. 1961. 206 p.

KOLOBKOV, P. S. [Making use of the steam from the evaporation cooling of metallurgical furnaces] Ispol'zovanie para ispariteľnogo okhlazhdeniia metallurgicheskikh pechei. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1961. 83 p.

KOLPAKOV, I. F. [Transistorized decade scaler with a resolving time of 10^{-7} sec.] Dekadnyi pereschetnyi pribor s razreshaiushchim vremenem 10^{-7} sek na poluprovodnikovykh triodakh. Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 15 p. [With summary in English]

KOLYSHEV, V. I. [Automation of asphalt-concrete plants] Avtomatizatsiia asfal'tobetonnykh zavodov. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp i shosseinykh dorog RSFSR, 1961. 141 p.

KOMAROVSKII, A. N. [Structural design of accelerators] Strellel'nye konstruktsii uskoriteley. Izd. 2., perer. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 133 p

KONFEDERATOV, I. IA. [Present-day power engineering] Sovremennaia energetika Moskva, Izd-vo "Znanie," 1961 39 p (Narodnyi universitet kul'tury Tekhniko-ekonomicheskii fakul'tet, no. 19)

KONFERENTSIIA PO FIZIKO-KHIMICHESKIM OSNOVAM PROIZVODSTVA STALI 5th, Moscow, 1959. [Physical and chemical principles of steel production, proceedings of a conference] Fiziko-khimicheskie osnovy proizvodstva stali, trudy konferentsii. Moskva, Izd-vo Akad. nauk SSSR, 1961. 355 p. (CU)

KONOVALOV, E. G. [Fundamentals of new methods for machining metals] Osnovy novykh sposobov metallo-obrabotki. Minsk, Izd-vo Akad. nauk BSSR, 1961. 296 p.

KOPERIN, V. V., and V. K. VASIL'EV. [Manufacture and assembly of industrial metal structures] Izgotovlenie i montazh tekhnologicheskikh metallokonstruktsii. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit materialam, 1962. 210 p

KOPYTOV, V. F. [New methods of gas heating] Novye metody gazovogo nagreva. Moskva, Metallurgizdat, 1962 135 p.

KOSORUKOV, I. I. [Solid comfortable, and beautiful] Prochno, udobno, krasivo. [Moskva] Mosk. rabochii, 1961. 53 p.

KOSTRIUKOV, G. V., and A. D. GOLIKOV. [Temperature conditions of the Romashkino oil field] Temperaturnyi rezhim Romashkinskogo mestorozhdenita. Moskva, Gostoptekhizdat, 1962 96 p

KOTIUK, A. F. [Analysis of airborne electric prospecting charts by the induction method] Analiz skhem aeroelektrorazvedki metodom indukstii. Otv. red. L. IA. Mizriuk. Novosibirsk, Izd-vo Sibirskogo otd-niia AN SSSR, 1961. 113 p.
[MICROFILM]

KOVALENKO, A. F. [Reinforced concrete instead of metal] Zhelezobeton vzamen metalla. Pod red. A. V. Kovalenko. Moskva, Mashgiz, 1961 25 p (Biblioteka mashinostroitelia. Serila "Za ekonomiiu metallov i elektroenergii")

KOVSHULIA, A. A. [Reducing losses of valuable ores of the Krivoy Rog Basin] Snizhenie poter' bogatykh rud Krivorozhskogo zhelezorudnogo basseina. Kiev, Izd-vo Akad. nauk USSR, 1962. 172 p.

KOZHEVNIKOV, K. I. [Tables for the laying out of railroad roadbeds and earth embankments of regulation structures] Tablitsy dlia razbivki zheleznodorozhnogo zemlianogo polotna i zemlianykh damb regulatsionnykh sooruzhenii. 3. izd., dop. i perer. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1962. 178 p.

KOZLOV, N. F., and G. B. SHALUN. [Decorative laminated plastics] Dekorativnyi slolstyi plastik. Leningrad, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1961. 78 p.

KOZLOVA, Z. V. [Plastics] Plasticheskie massy Pod red. G. I. Kutlanina Moskva, Gos. izd-vo torg. lit-ry, 1962 77 p.

KOZLOVSKII, A. S. [Roofing operations] Proizvodstvo krovel'nykh rabot, Moskva, Vses. uchebno-pedagog. izd-vo Profteklizdat, 1962. 205 p.

KRASNIKOV, V. V. [Hoisting and conveying equipment in agriculture] Pod"emno-transportnye mashiny v sel'skom khoziaistve Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1962. 439 p.

KRAGEL'SKII, I. V. [Friction and wear] Trenie i iznos. Moskva, Mashgiz, 1962. 382 p

KRECHETOV, I. V. [Use of flue gases for wood drying] Sushka drevesiny topochnymi gazami. Moskva, Goslesbumizdat, 1961. 209 p.

KROPOTOV, V. N., and N. V. ODNORALOV. [Work with plastics, student's manual] Raboty s plasticheskimi massami, posobie dlia uchashchikhsia. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 61 p.

KROSHKIN, M. G. [Man penetrates outer space; scientific research by means of rockets and artificial satellites] Chelovek proniknet v kosmos; nauchnye issledovaniia s pomoshch'iu raket i sputnikov. Moskva, Voen. izd-vo M-va oborony SSSR, 1961. 158 p. (Nauchno-populiarnaia biblioteka)

KULIEV, A. M. [Additives to lubricating oils] Prisadki k smazochnym maslam Baku, Azerbaidzhanskoe gos izd-vo neft i nauchno-tekhn lit-ry, 1960. 321 p.
[MICROFILM]

KULIKOV, V. V. [Mechanical processing of thermosetting plastics, verbatim report of a lecture] Mekhanicheskaia obrabotka termoreaktivnykh plasticheskikh mass, stenogramma lektsii Leningrad, 1962. 22 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy Serila: Mekhanicheskaia obrabotka metallov)

KUPERSHMIDT, IA. A., V. S. MALOV, and A. M. PSHENICHNIKOV. [Present-day telemetering systems] Sovremennye telelzmeritel'nye sistemy. Moskva, Gos. energ. izd-vo, 1961. 86 p. (Biblioteka po avtomatike, no. 44)

KURNYCHEV, E. F. [Manual for young operators of grinding machines] V pomoshch' molodomu zatochniku [Rostov-na-Donu] Rostovskoe knizhnoe izd-vo, 1961 130 p

[KURSK MAGNETIC ANOMALY, history of the discovery, study, and commercial development of iron-ore deposits. Collection of documents and materials in two volumes, 1742-1960] Kurskaia Magnitnaia Anomaliia; istorilia otkrytiia, issledovanii i promyshlennogo osvoenila zhelezorudnykh mestorozhdenii Sbornik dokumentov i materialov v dvukh tomakh, 1742-1960. [Belgorod] Belgorodskoe knizhnoe izd-vo
Vol. I 1742-1926 1961. 417 p

KUTSURUBA, I. V. [Physical principles of the operation of magnetic amplifiers] Fizicheskie osnovy raboty magnitnykh usilitelei. Pod red. N. L. Birukhatova. Moskva, Mosk. in-t inzhenerov zhel-dor. transp. im. V. I. Stalina, 1961. 44 p.

KUZ'MENKO, M. I., and A. R. SIVAKOV. [Transistorized d.c. converters] Poluprovodnikovye preobrazovateli postoiannogo napriazhenila Moskva, Gos. energ. izd-vo, 1961 134 p.

KUZ'MIN, F. K., and G. I. IAKOVLEV. [Progressive method for cutting trapezoid screw thread] Progressivnyi metod narezanila trapetseidal'noi rezby Leningrad, 1962 11 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Opyt novatorov, Serila: Mekhanicheskaia obrabotka metallov, no 4)

LEIBENZON, S. A., and A. F. TREGUBENKO. [Steelmaking by the electric slag remelting method] Proizvodstvo stali metodom elektroshlakovogo pereplava. Moskva, Metallurgizdat, 1962. 237 p.

LEIMAN, A. V. [Manufacturing and using prestressed concrete elements in the Sverdlovsk Economic Region] Opyt izgotovlenila i primenenila predvaritel'no napriazhennykh zhelezobetonnykh konstruktsii v Sverdlovskom rajone. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961 50 p.

LEMBERG, M. D. [Pneumatic control] Pnevmoavtomatika. Moskva, Gos. energ. izd-vo, 1961. 110 p. (Biblioteka po avtomatike no. 40)

LENINGRAD, ERMITAZH. Ivan Petrovich Kulibin. Leningrad, Izd. Ermitazha, 1948. 7 p. (Pamiatniki russkoi kul'tury, no. 13)
(NNC)

LENINGRAD, TSENTRAL'NYI NAUCHNO-ISSLEDOVATEL'SKII KOTLOTURBINNYI INSTITUT. [Aerodynamic design of boiler systems; normative method] Aerodinamicheskii rashchet kotel'nykh ustanovok, normativnyi metod. Pod red. S. I. Mochana. Moskva, Gos. energ. izd-vo, 1961. 135 p.
——— ——— [Graphs for calculations] Grafiki dlia raschetov. 32 p.
[MICROFILM]

LESIN, K. K. [Safety problems connected with underground transportation in coal mines] Voprosy bezopasnosti na podzemnom transporte ugol'nykh shakht. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 39 p.

LEVENTAL', G. B., and L. A. MELENT'EV, eds. [Technical and economic principles of the expansion of heat supply engineering in power systems] Tekhniko-ekonomicheskie osnovy razvitiia teplofikatsii v energosistemakh. Moskva, Gos. energ. izd-vo, 1961. 318 p.

LEVI, S. S. [Guide to safety techniques for an electrician in construction work] Pamiatka po tekhnike bezopasnosti dlia elektrosleasaria na stroitel'stve. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 21 p. (Tekhnika bezopasnosti)

LEVIN, I. M., and I. A. BOTKACHIK. [Flue exhaust and ventilating fans for high capacity electric power plants] Dymososy i ventiliatory moshchnykh elektrostantsii. Moskva, Gos. energ. izd-vo, 1962 183 p.

LEVITSKII, N. K., V. IA. KOCHETOV, and K. F. DRUZHININ [Organization of intraplant railroad transportation in machinery plants] Organizatsiia vnutrizavodskikh zheleznodorozhnykh perevozok na zavodakh mashinostroenila Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1961. 33 p

LEVITSKII, V. N. [Attachments for measuring instruments and tools] Prisposobleniia k izmeritel'nym priboram i instrumentu; iz opyta raboty izmeritel'noi laboratorii zavoda "Vulkan" Leningrad, 1962 30 p (Leningradskii Dom nauchno-tekhnicheskoi propagandy Obmen peredovym opytom. Serila Kontrol' kachestva produktsii, no 3)

LIAPUNOV, B. V. [Rockets and interplanetary flights] Rakety i mezhplanetnye polety. Moskva, Voen. izd-vo M-va obor. SSSR, 1962. 121 p. (Nauchno-populiarnaia biblioteka)

LIBER, I. S., and P. S. IAKOVLEV [Sanitary-engineering work in the construction of industrial buildings and apartment houses] Proizvodstvo sanitarno-tekhnicheskikh rabot v promyshlennom i grazhdanskom stroitel'stve. Leningrad, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1962. 310 p

LIBKIND, M. S. [Transformer-generated higher harmonics] Vysshie garmoniki, generiruemye transformatorami. Moskva, Izd-vo Akad. nauk SSSR, 1962. 100 p.

LIETUVOS TSR MOKSLU AKADEMIJA, Vilna, Statybos ir architekturos institutas. [Walls of dwellings; construction elements from local material for low buildings] Gyvenamuju namu sienos, vietiniu medziagu konstrukcijos mazaaukstei statybai. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961 81 p. [In Lithuanian]

LISAUSKIENE, JADVYGA, and MARIJONA MASIOKAITE. [Cutting and sewing] Kirpimas ir siuvimas. Antrasis leidimas. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 366 p. [In Lithuanian]

LISITSYN, V. D., and A. E. BUDZILOVSKII [Automatic multiple-position draw machines] Mnogopozitsionnye vytiazhnye avtomaty Leningrad, 1962. 19 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serila: Goriachaia i kholodnaia obrabotka metallov davleniem, no 1)

LITHUANIAN S. S. R. Valstybinis statybos ir architekturos reikalu komitetas. [Collection of unit estimates for construction work in Lithuanian; for construction projects of the second class] Sbornik edinichnykh rastsenok na stroitel'nye raboty po Litovskoi SSR, dlia vtoroi gruppy stroek. Vilnius, TSentr. biuro tekhn. informatsii i propagandy.
Vol. 2. 1961. 580 p.

LITHUANIAN S. S. R. Valstybinis statybos ir architekturos reikalu komitetas. [Price list; a collection of uniform estimates for major repairing of residential, administrative, and cultural buildings, of communal enterprises and public edifices, based on the new scale of prices] TSennik; sbornik edinichnykh rastsenok na kapital'nyi remont zhilykh, administrativnykh, kul'turno-bytovykh zdanii, kommunal'nykh predpriiatii i sooruzhenii gorodskogo blagoustroistva (v novom masshtabe tsen). Vil'nius, TSentr. biuro tekhn. informatsii i propagandy, 1961, 533 p.

LIUBAN, A. P. [Analysis of phenomena in the blast furnace process] Analiz iavlenii domennogo protsessa. Pod red. V. G. Manchinskogo. Izd 2., dop Moskva, Gos. nauchno-tekhn izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1962. 532 p.

LUGOV, S. F. [Where and how to search for tungsten ores] Gde i kak iskat' vol'framovuiu rudu. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr SSSR, 1960. 28 p (Bibliotechka uchastnika geologicheskogo pokhoda)

LUK'IANENKO, I. N., V. I. MOSKOVCHENKO, and I. M. SHELUD'KO. [Kilns and drying apparatus used in the ceramic industry; examples of designs] Pechi ta susharky keramichnoi promyslovosti; prykiady rozrakhunkiv. Kyiv, Derzh. vyd-vo lit-ry z budivnytstva i arkhit. URSR, 1961 198 p.

LUKOSIUNAS, STASYS, EVALDAS PALSAITIS, and ALBINAS TAMASEVICIUS. [Earthwork in building] Zemes darbai statyboje. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 167 p. [In Lithuanian]

L'VOVSKII, P. G. [Manual for mechanics in metallurgical plants] Spravochnoe rukovodstvo mekhanika metallurgicheskogo zavoda. Izd. 4., ispr. i dop. Sverdlovsk, Metallurgizdat, 1961. 1105 p.

[THE M-21 "VOLGA" AUTOMOBILE; construction and maintenance] Avtomobil' M-21 "Volga"; konstruktsiia i tekhnicheskoe obsluzhivanie. [By] V. I. Borisov i dr. Pod red. A. D. Prosvirnina. Moskva, Mashgiz, 1962. 447 p.

[MACHINE TOOLS, brief manual] Metallorezhushchie stanki, kratkii spravochnik Moskva, Izd-vo ekon lit-ry, 1961 815 p

MAKHALDIANI, V. [Research in the field of motor vehicle and tractor engines] Issledovaniia v oblasti avtotraktornykh dvigatelei Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1961. 343 p. [In Georgian]

MAKHNOVICH, A. T. [Guide to safety measures for fitting and assembling panels on a Kozlov rolling mill] Pamiatka po tekhnike bezopasnosti dlia sborshchika-komplektovshchika panelei na prokatnom stane Kozlova Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 11 p. (Tekhnika bezopasnosti)

MAKHNOVICH, A. T. [Guide to safety measures for workers in the manufacture of reinforced-concrete products by vibration rolling, for operators of the Kozlov mill] Pamiatka po tekhnike bezopasnosti dlia rabochikh po izgotovleniiu zhelezobetonnykh izdelii metodom vibroprokata, dlia operatora stana Kozlova Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit materialam, 1961. 15 p. (Tekhnika bezopasnosti v promyshlennosti stroitel'nykh materialov)

MALINSKII, IU. M., ed. [Kinetics of vinyl polymerization by radical mechanisms. Translated from the English] Kinetika radikal'noi polimerizatsii vinilovykh soedinenii [By] C. H. Bamford i dr. Moskva, Izd-vo inostr. lit-ry, 1961. 345 p.

MALITSKII, A. N. [Units of measure of electrical and magnetic magnitudes] Edinitsy izmerenila elektricheskikh i magnitnykh velichin [Moskva] Izd-vo Mosk. rab., 1961. 54 p.

[MANUAL FOR AN AIRCRAFT TECHNICIAN] Spravochnik aviatsionnogo tekhnika Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 510 p.

[MANUAL FOR THE DESIGN, CONSTRUCTION AND OPERATION OF URBAN ROADS, BRIDGES AND HYDROTECHNICAL STRUCTURES] Spravochnik po proektirovaniiu, stroitel'stvu i ekspluatatsii gorodskikh dorog, mostov i gidrotekhnicheskikh sooruzhenii. Red kol. E. E. Gibshan, N. N. Dzhunkovskii, P. A. Egorov Moskva, Izd-vo M-va kommun. khoz. RSFSR,
Vol 2. [Hydrotechnical structures] Gidrotekhnicheskie sooruzhenila. Red. toma N. N. Dzhunkovskii, M. D. Kurdiumov. 1961. 706 p.

[MANUAL ON SAFETY ENGINEERING AND INDUSTRIAL HYGIENE IN MACHINERY INDUSTRY ENTERPRISES] Spravochnik po tekhnike bezopasnosti i proizvodstvennoi sanitarii dlia predprilatii mashinostroenila. Sost. A. I. Ignatok, i dr. Moskva, Mashgiz, 1962. 591 p.

MANUSHIN, A. K. [Testing of gas-fired boiler systems] Ispytanie kotel'nykh ustanovok, rabotaiushchikh na gazovom toplive Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1961. 66 p.

MANZON, A. I. [Safety regulations and factory sanitation] Tekhnika bezpeky ta vyrobnycha sanitarila Kyiv, Derzh. vyd-vo tekhn. lit-ry URSR, 1961. 88 p. (Bibliioteka avtomobilista)

MARKIN, A. B. [An ocean of power, past, present and future of power engineering in the U. S. S. R.] Okean sily, proshloe, nastoiashchee i budushchee energetiki SSSR. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1961. 174 p.

MARKOVS'KYI, IE. A., and V. I. STETSENKO. [Application of radioactive isotopes for testing internal-combustion engines] Zastosuvannia radioaktyvnykh izotopiv dlia doslidzhennia dvyhuniv vnutrishn'oho zhoriannia. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 45 p.

MARTYNOV, E. M. [Noncontact switching devices] Beskontaktnye pereklluchaiushchie ustroistva, Izd. 2, perer. i dop. Moskva, Gos. energ. izd-vo, 1961. 175 p. (Massovaia radiobiblioteka, no 397)

MASLOV, IU. A., and V. D. GOROZHANIN. [Automatic welding of highly resistant thin-sheet steel] Avtomaticheskaia svarka tonkolistovoi vysokoprochnoi stali. Moskva, Mashgiz, 1961. 38 p.

MASLOV, N. N. [Principles of soil mechanics and engineering geology] Osnovy mekhaniki gruntov i inzhenernoi geologii. Moskva, Nauchno-tekhn. izd-vo M-va avtomob. transporta i shosseinykh dorog RSFSR, 1961. 707 p.

MASLOV, N. N. [Problem of the stability and deformation of soils in the light of foreign materials at the Fourth International Conference on Soil Mechanics and Foundation Engineering] Problema ustoichivosti i deformatsii gruntov v svete zarubezhnykh materialov IV Mezhdunarodnogo kongressa po mekhanike gruntov i fundamentostroeniiu. Moskva, Gos. energ. izd-vo, 1961. 195 p.

[MEANS FOR THE AUTOMATION OF MACHINING PROCESSES, manual] Sredstva avtomatizatsii mekhanicheskoi obrabotki, spravochnoe posobie. Moskva, Mashgiz, 1962. 520 p.

MEDVEDSKII, N. I., and S. S. SALOMASOV. [Erection of outdoor power lines and distribution networks] Prokladka naruzhnykh elektrosetei i linii. Leningrad, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 185 p. (Seriia posobii dlia nachinaiushchikh rabochikh)

MEINERT, V. A., I. G. CHEKRYGIN, and A. T. SHMAKOV. [Road-building machinery, a manual for tractor operators] Dorozhno-stroitel'nye mashiny; posobie traktoristu. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1960. 174 p.

MEL'NIKOV, N. V. [Open-pit mining handbook for the engineer and technician] Spravochnik inzhenera i tekhnika po otkrytym gornym rabotam. Izd. 4., perer. i dop. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 799 p.

MERZON, E. D. [Collection of problems on mechanical drawing] Zadachnik po mashinostroitel'nomu cherchenilu. Pod red. N. N. Ivanova. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 217 p.

MIKELADZE, A. S. [Experience in the mining of thick coal seams of the Kuznetsk and Chelyabinsk Basins as applied to the coal deposits of Georgia] Opyt razrabotki moshchnykh ugol'nykh plastov Kuznetskogo i Cheliabinskogo basseinov primenitel'no k ugol'nym mestorozhdeniiam Gruzii. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1961. 149 p.

MIKHAL'CHENKO, M. G., N. A. OKUNEV, and N. B. KHUTORIAN. [Comprehensive mechanization and automation of plants manufacturing building materials of rock, gravel, and sand] Kompleksnaia mekhanizatsiia i avtomatizatsiia na predprilatiiakh nerudnykh stroitel'nykh materialov, stenogramma lektsii. Leningrad, 1962. 30 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Seriia Stroitel'naia promyshlennost')

MIKULIN, V. [First book on photography, handbook for beginners] Pervaia kniga po fotografii, posobie dlia nachinaiushchikh. Izd. 6., perer. Moskva, Goskinoizdat, 1960. 149 p. (Biblioteka fotoliubitelia)

MILENIN, V. G., ed. [Design of pulse networks] Raschet impul'snykh skhem [By] G. A. Baz'i dr. Izd. 2., dop. i perer. Moskva, Voen. izd-vo M-va obor. SSSR, 1962. 287 p.

[MICROFILM]

MINSKII AVTOMOBIL'NYI ZAVOD. [Catalog of parts for the MAZ-501 logging tractor and the MAZ-502 and MAZ-502A motortrucks] Katalog detalei lesovoznogo tiagacha MAZ-501 i gruzovykh avtomobilei MAZ-502 i MAZ-502A. Moskva, Mashgiz, 1961. 447 p.

MIRONENKO, IU. P., and A. A. PRESNIAKOV. [Resistance to deformation of heavy nonferrous alloys] Soprotivlenie deformirovaniiu tiazhelykh tsvetnykh splavov. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1962. 129 p.

MKRTUMIAN, A. K. [Technology of manufacturing elements of large-panel houses in molds] Tekhnologiia izgotovleniia detalei krupnopanel'nykh domov v kassetakh. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 145 p.

MOLIARCHUK, V. S. [Norm setting for the consumption of electric power for train traction] Normirovanie raskhoda elektricheskoi energii na tiagu poezdov. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1962. 59 p.

MOROZ, I. I. [Technology of structural ceramics] Tekhnologiia stroitel'noi keramiki. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1961. 463 p.

MOSCOW. AVIATSIONNYI INSTITUT IMENI SERGO ORDZHONIKIDZE. [Handbook on the design of components and systems of automatic control; a manual for the preparation of course and diploma projects] Rukovodstvo po proektirovaniiu elementov i sistem avtomatiki; posobie po kursovomu i diplomnomu proektirovaniiu [By] M. A. Balashov i dr. Pod red. B. N. Petrova. Moskva, Gos. nauchno-tekhn. izd-vo Oborongiz.
No. 4. 1961 311 p.

MOSCOW. INSTITUT TEKHNIKO-EKONOMICHESKOI INFORMATSII. [Use of radioactive isotopes and nuclear radiations in hydraulic engineering and construction] Primenenie radioaktivnykh izotopov i iadernykh izlucheniI v gidrotekhnike i stroitel'stve. Moskva. (Porodovoi nauchno-tekhnicheskii i proizvodstvennyi opyt. Tema 19)
No. 14. 1960. 35 p.

MOSCOW. INZHENERNO-FIZICHESKII INSTITUT. [Strength and deformations in nonhomogeneous thermal fields] Prochnost' i deformatsiia v neravnomernykh temperaturnykh polialkh, sbornik nauchnykh rabot po red. IA. B. Fridmana. Moskva, Gosatomizdat, 1962. 254 p.

MOSCOW. TSENTRAL'NOE BIURO PROMYSHLENNYKH NORMATIVOV PO TRUDU. [Practice of innovators in drilling and exploiting oil wells] Opyt novatorov bureniia i ekspluatatsii neftianykh skvazhin. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 67 p. (Obmen peredovym tekhnicheskim opytom)

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT MINERAL'NOGO SYR'IA. [Industry's requirements as to the quality of mineral raw materials; handbook for geologists] Trebovaniia promyshlennosti k kachestvu mineral'nogo syr'ia, spravochnik dlia geologov. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr.
No. 26. Rozhkevich, N. V. [Nickel] Nikel'. Nauch. red. L. K. Krasil'nikov. Izd. 2., perer. 1961. 81 p.

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT PO NORMALIZATSII V MASHINOSTROENII. [Axles (rollers) of hinged joints with grooves for ShEZ washers (MN 788-60)] Osi (valiki) sharnirnykh soedinenii s protochkoi pod shaiby ShL/ (MN 788-60). Moskva, Gos. izd-vo standartov, 1960. 11 p. (SSSR. Normal' mashinostroenila)

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT PO NORMALIZATSII V MASHINOSTROENII. [One-piece cutters and trim saws] Frezy tsel'nye i pily segmentnye. Moskva, Gos. izd-vo standartov, 1960. 84 p. (SSSR. Normali mashinostroenila)

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTRUMENTAL'NYI INSTITUT. [New technological processes for the manufacture of metal cutting tools] Novaia tekhnologiia izgotovleniia instrumenta. Pod red. N. S. Degtiarenko. Moskva, Mashgiz.
No. 2. 1961. 138 p.

[MICROFILM]

MOSCOW. VYSTAVKA DOSTIZHENII NARODNOGO KHOZIAISTVA SSSR. [Catalog of new mechanization equipment recommended for adoption] Al'bom-katalog novoi stroitel'noi tekhniki, rekomenduemoi k vnedreniiu. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam.
No. 2. [Industrial construction] Promyshlennoe stroitel'stvo. 1961. 115 p.

MOSCOW. VYSTAVKA DOSTIZHENII NARODNOGO KHOZIAISTVA SSSR. [Mechanization of loading and unloading operations in transportation; review based on the materials of a thematic exhibition] Mekhanizatsiia pogruzochno-razgruzochnykh rabot na transporte, obzor po materialam tematicheskoi vystavki. Moskva, [Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii] 1962. 223 p.

MOSKOVSKIE NAUCHNO-TEKHNICHESKIE SOVESHCHANIIA LITEISHCHIKOV, 1958-1959. [New developments in foundry practice, transactions] Novoe v liteinom proizvodstve, trudy. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1962. 262 p.

MOSKOVSKII DOM NAUCHNO-TEKHNICHESKOI PROPAGANDY IMENI F. E. DZERZHINSKOGO. [Design and operation of automatic machining lines] Proektirovanie i ekspluatatsiia avtomaticheskikh linii mekhanicheskoi obrabotki. Pod red. A. P. Vladzievskogo. Moskva, Mashgiz, 1962. 305 p.

MOSOLOV, K. V. [One hundred problems for a young designer and inventor] 100 zadach dlia molodogo konstruktora i izobretatelia. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1961. 70 p.

MOTE, G. [Selection of the parameters of high-voltage fuses] Augstspriegumu drosinataju kustoso lielkumu parametru izvele. Riga, PSR Zinatnu akademijas izdevnieciba, 1961. 33 p. [In Latvian]

MOVCHAN, B. A. [Microscopic heterogeneity of cast alloys] Mikroskopicheskaia neodnorodnost' v litykh splavakh. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1962. 339 p.

NAHULA, Ii. IE. [Motor-vehicle tires] Avtomobil'ni shyny. Kyiv, Derzh. vyd-vo tekhn. lit-ry URSR, 1961. 99 p. (Bibliioteka avtomobilista)

NARTSISSOV, V. S. [Carpentry and cabinet work, textbook for students of the 9th to 11th grades of rural secondary schools with vocational instruction] Plotnitskie i stoliarnye raboty; posobie dlia uchashchikhsia IX-XI klassov sel'skikh srednikh shkol s proizvodstvennym obucheniem. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 241 p.

NAUMOV, V. G. [Welding in a gas-shielded atmosphere] Svarka v srede zashchitnykh gazov. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 227 p.

NEDIKOV, V. M., and IU. P. BOEV [Plant council of innovators] Zavodskoi sovet novatorov. Leningrad, 1962. 20 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Seriia: Metodika postanovki nauchno-tekhnicheskoi informatsii i propagandy)

NIKITIN, A. G. [Maintenance of GAZ automobiles] Regulirovka legkikh avtomobilei GAZ. Izd. 2., perer. i dop. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961. 93 p.

NOVIKOV, S. IA. [Experience in the manufacture of stationary kitchen furniture in the Czechoslovak Socialist Republic] Opyt proizvodstva statsionarnoi kukhonnoi mebeli v Chekhoslovatskoi Sotsialisticheskoi Respublike. Leningrad, 1961. 24 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Derevoobrabatyvaiushchaia promyshlennost', no. 2)

NOVIKOV, S. IA., and A. M. STRONGIN. [Experience in the manufacture of built-in furniture in enterprises in Czechoslovakia] Opyt proizvodstva vstroennoi mebeli na predpriiatiiakh Chekhoslovakii. Leningrad, 1961. 23 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Seriia: Derevoobrabatyvaiushchaia promyshlennost', no. 6)

[NUMERICAL PROGRAMMED CONTROL] TSifrovoe programmnoe upravlenie [By] N. V. Koval'skii i dr. Pod red. A. G. Ivakhnenko. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1962. 124 p. (Biblioteka po avtomatike)

OPIK, ILMAR. [Effect of the mineral parts of oil shale on the working conditions of the boiler unit] Vliianie mineral'noi chasti slantsev na usloviia raboty kotloagregata. Tallinn, Estonskoe gos. izd-vo, 1961. 216 p.

ORESHKIN, B. M. [Organization of earthwork in road construction] Organizatsiia proizvodstva zemlianykh rabot pri stroitel'stve avtomobil'nykh dorog. Moskva, Gos. izd-vo "Vyssheia shkola," 1961. 242 p.

ORLOV, A. P. [Machines and mechanisms for switching movements of cars] Mashiny i mekhanizmy dlia manevrovykh peredvizhenii vagonov. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1960. 113 p.

PAIAUBEK, G. E. [For high quality in construction] Za vysokoe kachestvo stroitel'stva. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 41 p. (V pomoshch' ekonomicheskomu obrazovaniiu rabochikh, brigadirov i masterov-stroitelei)

PARFENOV, V. M. [Guide to safety measures for blasters (in open-air operations)] Pamiatka po tekhnike bezopasnosti dlia vzryvnika (na otkrytykh rabotakh). Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 21 p. (Tekhnika bezopasnosti v promyshlennosti stroitel'nykh materialov)

[PAST, PRESENT, AND FUTURE OF MACHINES] Mashina, ee proshloe, nastoiashchee, i budushchee. [Obshchaia red. Artobolevskogo, I. I. Moskva] Molodaia gvardiia, 1959. 509 p. (VIMIM)

PAVLOV, S. M., and E. N. SLASTENKO. [Specialization in the machinery industry] Spetsializatsiia v mashinostroenii. [Moskva] Mosk. rabochii, 1962. 56 p.

PERLI, G. I. [Experience in gas supply and utilization in the boiler room of an industrial heat and electric power plant] Opyt priema i ispol'zovaniia gaza v kotel'noi zavodskoi TETs. Leningrad, 1962. 23 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Energetika, no. 2)

PETROVA, A. N. [Booklet on safety engineering and industrial hygiene for shaper-finishers of ceramics, porcelain and faience articles] Pamiatka po tekhnike bezopasnosti i promyshlennoi sanitarii dlia formovshchika farforovykh, fatansovykh i keramicheskikh izdelii. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 8 p. (Tekhnika bezopasnosti v promyshlennosti stroitel'nykh materialov)

PEVZNER, D. M. [Shaft sinker] Prokhodchik shakhtnykh stvolov. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 362 p.

PIASIK, I. B. [Ball-screw mechanisms] Sharikovintovye mekhanizmy. Moskva, Mashgiz, 1962. 122 p.

PIKUS, L. Z. [Easy to knockout chemically hardening cores for the production of large steel castings] Legkovybivaemye khimicheski tverdeiushchie sterzhni dlia proizvodstva krupnogo stal'nogo lit'ia. Leningrad, 1961. 16 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Liteinoe proizvodstvo, no. 6)

PINENZHIK, A. M. [Organization of the work of an assembly mechanic] Organizatsiia truda slesaria-sborshchika. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961., 66 p. (Biblioteka slesaria sborshchika, no. 10)

PISARENKO, G. S. [Energy dissipation caused by mechanical vibrations] Rasseianie energii pri mekhanicheskikh kolebaniiakh. Kiev, Izd-vo Akad. nauk USSR, 1962. 435 p.

PISARIK, M. N. [Exploitation of strippers by remote control in the Andizhan oil field] Ekspluatatsiia maloderbitnykh skrezhin na dispetcherizirovannom neftepromysle Andizhan. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 87 p. (Obmen peredovym tekhnicheskim opytom)

PLAKHOV, V. S. [Marine diesel engines, design and operation] Sudovye dizeli, konstruktsiia i ekspluatatsiia. Moskva, Izd-vo "Rechnoi transport," 1961. 123 p.

PLAUDE, K., J. MAZURS, and K. PUTNINS. [Development of Latvian power engineering within the electric power system of the U. S. S. R.] Latvijas energetikas attistiba PSRS energosistema. Riga, Latvijas Valsts izdevnieciba, 1961. 96 p. [In Latvian]

PLAUDE, KARLIS, and VIKTORS GRISLIS. [Automatic control of the customer inlet systems in buildings with heating supplied from central stations] Avtomatizatsiia abonentskikh vvodov teplofikatsionnykh zdanii. Riga, Izd-vo Akad. nauk Latviiskoi SSR, 1961. 20 p.

PLETNEVA, L. N. [Electric equipment for cranes] Kranovoe elektrooborudovanie. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1962. 71 p. (Biblioteka mekhanizatora pogruzochno-razgruzochnykh rabot)

PODKUIKO, S. I., and A. A. TRET'IAKOVA. [Measurements in the amplifiers of motion-picture systems] Izmereniia v usiliteliakh kinoustanovok. Moskva, Gos. izd-vo "Iskusstvo," 1960. 141 p. (Biblioteka kinomekhanika)

PODUROVSKII, I. M. [Overhead cable conveying at hydroelectric construction projects] Kanatnyi podvesnoi transport na gidroenergeticheskom stroitel'stve. Moskva, Gos. energ. izd-vo, 1961. 93 p.

POIARKOV, A. S. [General technology of asbestos fiber spinning] Obshchaia tekhnologiia priadeniia asbestovogo volokna. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1961. 256 p.

POPKOV, V. I., ed. [Handbook for workers of the sewing industry] Spravochnik shveinika. Moskva, Gos. Izd-vo "Rostekhizdat."
Vol. 2. 1962. 290 p.

POPLAVSKII, IU. V. [Technology of the construction of chemical apparatus] Tekhnologiia khimicheskogo apparatostroeniia. Moskva, Mashgiz, 1961. 286 p.

POPOV, B. D. [Developing and introducing organizational and technical measures in construction (the practices of the Main Administration for Construction in Leningrad); verbatim report of a lecture] Razrabotka i vnedrenie organizatsionno-tekhnicheskikh meropriiatii v stroitel'stve (opyt Glavleningradstroia); stenogramma tekstsii. Leningrad, 1961. 30 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Stroitel'naia promyshlennost')

POPOV, V. A., and others. [Operation, maintenance, and repair of trolley bus rolling stock] Eksploatatsiia i remont podvizhnogo sostava trolleibusa. Pod obshchei red. V. A. Popova. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1961. 471 p.

POVARENKOV, S. D., A. S. MOROSHKIN, and A. D. TRET'IAKOV. [Maintenance and repair of the railroad track] Soderzhanie i remont zheleznodorozhnogo puti. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1962. 374 p.

POVIDAILO, V. A. [Design and construction of vibratory feeders] Raschet i konstruirovanie vibratsionnykh pitatelei. Moskva, Mashgiz, 1962. 149 p.

POZDNIAKOV, M. A. [The K-750 motorcycle] Mototsikl K-750. Moskva, Mashgiz, 1961. 278 p.

[PRODUCTION OF BRICKS, TILES, AND DRAIN-PIPES] Plytu cerpiu ir drenu gamyba. [By] V. Jaslukevicius ir kiti. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 258 p. [In Lithuanian]

PROKOF'EV, A. G. [Uniform network marking of railroad cars] Edinaia setevaia razmetka vagonov. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1962. 38 p.

PROKOF'EV, N. M., and SH. I. BUTIKASHVILI. [Overall mechanization of the lumbering section: experience of the Leningrad Lumbering and Woodworking Combine named after Kalinin] Kompleksnaia mekhanizatsiia lesopil'nogo tseikha, opyt raboty LLDK im. Kalinina. Leningrad, 1961. 23 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Derevoobrabatyvaiushchaia promyshlennost', no. 9)

PUGACHEV, A. S. [Standard print inscriptions on drawings] Nadpisi na chertezhakh standartnym shriftom. Izd. 4., perer. i dop. [Leningrad] Gos. soiuznoe izd-vo sudostroit. promyshl., 1961. 117 p.

PUSHKARENKO, V. I. [Traffic signs and signals] Dorozhnye signal'nye znaki i ukazateli. [Krasnodar] Krasnodarskoe knizhnoe izd-vo, 1961. 146 p.

PYSARENKO, H. S., and V. T. TROSHCHENKO. [Statistical theory of strength and its application to ceramic metal materials] Statystychni teorii mitsnosti ta ikh zastosuvannia do metalokeramichnykh materialiv. Kviv, Vyd-vo Akad. nauk URSR, 1961. 104 p.

RABOTNOV, B. A. [Problems of the resistance of adjustable blade (Kaplan) hydraulic turbines to cavitation] Voprosy kavitatsionnoi stoikosti povorotnolopastnykh gidroturbin. Moskva, Gos. energ. izd-vo, 1961. 234 p.

RADCHENKO, L. A. [Ultrasonic techniques in the manufacture of electronic devices, a survey] Ul'trazvukovye metody v tekhnologii proizvodstva elektronnykh priborov, obzor. Leningrad, 1961. 69 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Seriia: Elektricheskie metody obrabotki materialov)

RADIUCHENKO, IU. S. [Rotary forging, shaping parts on rotary and radial-forming machines] Rotatsionnaia kovka, obrabotka detalei na rotatsionno- i radial'no-obzhimnykh mashinakh. Moskva, Mashgiz, 1962. 165 p.

RAITSES, V. B., and A. F. LEBEDEV. [Skill of a heat-treatment specialist] Masterstvo termista. Moskva, Mashgiz, 1961. 206 p.

RAKOV, P. P., and A. I. SHTERENBERG. [Preparation of crude for refining] Podgotovka nefti k pererabotke. Pod red. V. I. Graifera. Kazan', TSentr. biuro tekhn. informatsii, 1960. 73 p.

RAPPOPORT, M. A., and G. M. SHTEINFER. [Using station facilities in loading and unloading operations; experience of the Sverdlovsk Railroad] Organizatsiia pogruzochno-razgruzochnykh rabot sredstvami stantsii, opyt Sverdlovskoi dorogi. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1962. 33 p.

REINGOL'DT, I.
enterprises f
cheskoe obor
rechnogo tra
transport,"

REISH, A. K. [S
Odnokovshovy
Proftekhizdat

[RELAY-TERMI
TELEPHONE
TWENTY NU
supplementar
okonechnala /
(ATS VRS-20.
niem ai'boma
voprosam svi
sviazi)

RESHETOV, D.
Detali mashi
1962. 348 p.

RIVLIN, L. B. [Servicing of the electrical equipment of shops] Obsluzhivanie tsekhovogo elektrooborudovaniia. Izd 5., perer. Moskva, Gos. energ. izd-vo, 1961. 342 p.

ROMOV, I. V. [Guide to safety measures for workers handling anticorrosive materials (lining and rubberizing)] Pamiatka po tekhnike bezopasnosti dlia rabochikh pri proizvodstve antikorrozionnykh rabot (futerovshchikh, gummirovshchikh). Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 24 p. (Tekhnika bezopasnosti v stroitel'stve)

ROZHNIATOVSKII, A. F., and D. F. CHERNYSHEV. [Technological fundamentals and norms for the design of machine parts, a manual] Tekhnologicheskie osnovy i normy proektirovaniia detalei mashin, uchebnoe posobie. Moskva, Mosk. inzhenerno-ekon. in-t im. S. Ordzhonikidze, 1959. 119 p.

[MICROFILM]

RUBANOVICH, IA. G., and I. S. SHATS. [Increasing the strength and wear resistance of machine parts, experience of the "Pneumatic" factory in Leningrad] Povyshenie prochnosti i iznosostoikosti detalei mashin, opyt Leningradskogo zavoda "Pnevmatika". Leningrad, 1962. 20 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Metallovedenie i termicheskaia obrabotka, no. 1)

RUDINSKII, S. IA. [Machine tools, collected problems and laboratory work] Metallorezhushchie stanki, sbornik zadach i laboratornykh rabot. Moskva, Mashgiz, 1961. 380 p.

RUSSIA (1917- R.S.F.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Technical specifications for assembling vessels and containers (RSN 7-61)] Tekhnicheskie usloviia na montazh sosudov i emkostei (RSN 7-61). Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 28 p.

RUSSIA (1917- R.S.F.S.R.) Ministerstvo kommunal'nogo khoziaistva. [Outside lighting in cities] Naruzhnoe osveshchenie gorodov. Moskva, 1961. 53 p.

RUSSIA (1917- R.S.F.S.R.) Ministerstvo sel'skogo khoziaistva. [Official republic-wide norms and estimates for building, assembling, and repairing work. Collection VR-4, repair of transformer substations in the electric system of the Rural Power Organization] Vedomstvennye respublikanskie normy i rastsenki na stroitel'nye, montazhnye i remontno-stroitel'nye raboty. Sbornik VR-4, remont transformatornykh podstantsii v elektrosetiakh Sel'energo. Moskva, L-vo M-va sel'. khoz. RSFSR, 1961. 26 p.

RUSSIA (1917- R.S.F.S.R.) Ministerstvo sel'skogo khoziaistva. Upravlenie organizatsii truda i zarabotnoi platy. [Collection of consolidated approximate *time norms* for the repairing of agricultural equipment] Sbornik ukrupnennykh primernykh normativov vremeni na remont sel'skokhoziaistvennoi tekhniki. Moskva, *Izd-vo M-va sel'. khoz. RSFSR*,
Pt. 1. [Tractors, combines and motortrucks] Traktory, kombainy i avtomobili. 1960. 195 p.

RUSSIA (1917- R.S.F.S.R.) Ministerstvo stroitel'stva. Tekhnicheskoe upravlenie. [Manual on the manufacture of prestressed reinforced-concrete segmented *girders* from linear elements] Rukovodstvo po izgotovleniiu sbornykh zhelezobetonnykh predvaritel'no *napriazhennykh* segmentnykh ferm iz lineinykh elementov. Moskva, TSentr. biuro tekhn. informatsii, 1961. 67 p.

RUSSIA (1923- U.S.S.R.) Glavnoe upravlenie elektrifikatsii i energeticheskogo khoziaistva. [Maintenance rules for the overhead contact system of electrified railroads] Pravila soderzhaniia kontaktnoi seti elektrifikatsirovannykh zheleznykh dorog. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 76 p.

RUSSIA (1923- U.S.S.R.) Glavnoe upravlenie lokomotivnogo khoziaistva. [*Safety measures for the* personnel of boiler rooms] Instruktsiia po tekhnike bezopasnosti dlia personala kotel'nykh. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 27 p.

RUSSIA (1923- U.S.S.R.) Gosudarstvennaia inspektsiia po zemlepol'zovaniiu i zemleustroistvu. [Directions for plane-table and theodolite surveys at a scale of 1:10,000] Nastavlenie po proizvodstvu menzul'nykh i teodolitnykh s"emok v masshtabe 1:10,000. [Izd. 3., ispr.] Moskva, Izd-vo geodez. lit-ry, 1961. 327 p.

[MICROFILM]

RUSSIA (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Directives No. SN 167-61 on the design of municipal electric power distribution networks, 1000 volt networks within the blocks of cities and large settlements] Ukazaniia po proektirovaniiu gorodskikh elektricheskikh setei, vnutrikvartal'nye elektricheskie seti napriazheniem do 1000 vol't v gorodakh i poselkakh gorodskogo tipa, SN 167-61. Utverzhdeny 25 maia 1961 g. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 21 p.

RUSSIA (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Directives no. *SN 174-61* on the design of electric power supply systems *for* industrial enterprises] Ukazaniia po proektirovaniiu elektrosnabzheniia promyshlennykh predpriiatii SN 174-61. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 65 p.

RUSSIA (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Directives no. SN 160-61 on the erection of precast concrete structures and their acceptance from the contractors. Directives no. SN 193-61 on the order of assembling complex buildings and structures from precast reinforced concrete sections] Ukazaniia po montazhu i priemke sbornykh zhelezobetonnykh konstruktsii SN 160-61. Ukazaniia o poriadke vypolneniia proektov slozhnykh zdanii i sooruzhenii iz sbornogo zhelezobetona SN 193-61. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 26 p.

RUSSIA (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Instructions for the application of "Sanitation standards for the design of industrial enterprises (N 101-54) in connection with the design of surface buildings and structures of coal mines, open-pit mines, and coal preparation plants;" SN 172-61] Ukazaniia po primeneniiu "Sanitarnykh norm proektirovaniia promyshlennykh predpriiatii (N 101-54) pri proektirovanii nazemnykh zdanii i sooruzhenii ugol'nykh shakht, kar'erov i obogatitel'nykh fabrik", *SN 172-61. Utverzhdeny . 8 iiulia 1961 g.* Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 31 p.

RUSSIA (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Instructions SN 173-61 for designing exterior sewer systems for industrial enterprises] Ukazaniia po proektirovaniiu naruzhnoi kanalizatsii promyshlennykh predpriiatii, SN 173-61. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam
Pt. 1. Utverzhdeny... 13 iiulia 1961 g. 1961. 216 p.

RUSSIA (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Instructions SN 179-61 on the design of heating and ventilation of plants for the production of die-cast plastics] Ukazaniia po proektirovaniiu otopleniia i ventiliatsii tsekhov proizvodstva izdelii litʼem pod davleniem zavodov plasticheskikh mass, SN 179-61. Utverzhdeny 15 avgusta 1961 g. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 21 p.

RUSSIA (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Norms and technical specifications for designing concrete gravity dams on rock beds (SN 123-60)] Normy i tekhnicheskie usloviia proektirovaniia *betonnykh gravitatsionnykh* plotin na skal'nykh osnovaniiakh (SN 123-60). Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 174 p.

RUSSIA (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Norms and technical specifications for designing masonry and fill of ordinary blocks for marine hydraulic structures (SN105-60)] Normy i tekhnicheskie usloviia proektirovaniia kladki i nabiorki iz obyknovennykh massivov v morskikh gidrotekhnicheskikh sooruzheniiakh (SN 105-60). Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 14 p.

RUSSIA (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Norms and technical specifications for designing *swine breeding farms (SN 127-60)*] Normy i tekhnicheskie usloviia proektirovaniia svinovodcheskikh ferm (SN 127-60). Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 24 p.

RUSSIA (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Safety and factory sanitation regulations SN 191-61 for enterprises of the *glass* industry] Pravila tekhniki bezopasnosti i proizvodstvennoi sanitarii na predpriiatiiakh steklotarnoi promyshlennosti SN 191-61. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 88 p.

RUSSIA (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Temporary instructions for designing underground gas lines of asbestos-cement pipes laid outside of inhabited *places and industrial* areas] Vremennye ukazaniia po proektirovaniiu podzemnykh gazoprovodov iz asbestotsementnykh trub dlia prokladki vne territorii naselennykh mest i promyshlennykh ploshchadok SN 182-61. Utverzhdeny Gosudarstvennym komitetom Soveta Ministrov [illegible] po delam stroitel'stva 17 avgusta 1961 g. Moskva, Izd-vo lit-ry po stroit., arkhit. i stroit., arkhit. i stroit. materialam, 1961. 14 p.

RUSSIA (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Temporary technical directives for installing gas mains of asbestos-cement pipes with a pressure up to 5 kg/cm² outside of the inhabited places, and industrial enterprises] Vremennye tekhnicheskie ukazaniia po [illegible] rabot po sooruzheniiu magistral'nykh [illegible] asbestotsementnykh trub s rabochim davleniem do 5 kg/sm² vne gorodov, naselennykh punktov i promyshlennykh predpriiatii SN 181-61. Utverzhdeny Gosudarstvennym komitetom Soveta Ministrov [illegible] po delam stroitel'stva 26 avgusta 1961. Moskva, Izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 22 p.

RUSSIA (1923- U.S.S.R.) Komitet po delam [illegible] i otkrytii. [Collection of inventions] Mashiny i oborudovanie dlia khimicheskoi promyshlennosti. Sbornik izobretenii. Moskva, TSentr. biuro tekhn. informatsii, 1961. 176 p. (Sbornik otechestvennykh izobretenii)

RUSSIA (1923- U.S.S.R.) Komitet po delam [illegible] i otkrytii. [Collection of inventions, mashinery for the food industry] Sbornik izobretenii. Mashiny dlia pishchevoi promyshlennosti. Moskva, TSentr. biuro tekhn. informatsii, 1961. 177 p. (Sbornik otechestvennykh izobretenii)

RUSSIA (1923- U.S.S.R.) Komitet po delam [illegible] i otkrytii. [*Collection of inventions*, mashinery for metallurgical equipment and metalworking] Sbornik izobretenii; metallurgicheskoe mashinostroenie. Moskva, TSentr. biuro tekhn. informatsii, 1961. 153 p. (Sbornik otechestvennykh izobretenii)

RUSSIA (1923- U.S.S.R.) Komitet po delam [illegible] i otkrytii. [Collection of inventions, mechanization of loading and unloading operations] Sbornik izobretenii na khanizatsiia pogruzochno-razgruzochnykh [illegible]. Moskva, TSentr. biuro tekhn. informatsii, [illegible] 378 p. (Sbornik otechestvennykh izobretenii)

RUSSIA (1923- U.S.S.R.) Komitet po [illegible] bezopasnym vedeniiem rabot v promyshlennosti i gornomu nadzoru. [Unified safety regulations for blasting operations] Edinye pravila po [illegible] vzryvnykh rabotakh. Izd. 3., s prilozheniem [illegible] i izmenenii, vnesennykh Gosgortekhnadzorom soiuznykh respublik. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1962. 201 p.

RUSSIA (1923- U.S.S.R.) Ministerstvo [illegible] okhrany nedr. [Uniform standards for [illegible] hand-sinking and hand-operated *combination* drills] Edinye normy vyrabotki na geologo-razvedochnykh rabotakh (E.N.V.). prokhodka gorno-razvedochnykh vyrabotok vruchnuiu i ruchnoe udarno-vrashchatel'noe burenie. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1955. 43 p.

RUSSIA (1923- U.S.S.R.) Ministerstvo put[illegible] nila. [Instructions for electric crane operation bridge, gantry, tower and loading cranes] In[illegible] dlia kranovshchikov elektricheskikh kranov, [illegible] kozlovykh, bashennykh, pereguzochnykh [illegible] Moskva, *Vses. izdatel'sko-poligr. ob"edinenie M-va* putei soobshcheniia, 1961. 20 p.

RUSSIA (1923- U.S.S.R.) Ministerstvo put[illegible] nila. TSentral'naia nauchno-tekhnicheskaia [illegible] [Mechanization and automation of loading and [illegible] operations in railroad transportation in the U.S.S.R. *and foreign countries*, bibliographic index of [illegible] literature] Mekhanizatsiia i avtomatizatsiia pogruzochno-razgruzochnykh rabot na zheleznodorozhnom transporte v SSSR i za rubezhom, bibliograficheskii ukazatel' otechestvennoi literatury. Moskva, Vses. *izdatel'sko-poligr.* ob"edinenie M-va putei soobshcheniia, 1961. 86 p.

RUSSIA (1923- U.S.S.R.) *Ministerstvo put*[illegible] nila. TSentral'naia nauchno-tekhnicheskaia [illegible] [Transportation in containers in the U.S.S.R. and abroad; bibliographic index of *Soviet and foreign* literature] Konteinernye perevozki v SSSR i za rubezhom, *bibliograficheskii ukazatel'* otechestvennoi i inostrannoi literatury. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 72 p.

RUSSIA (1923- U.S.S.R.) Ministerstvo *vysshego i* srednego spetsial'nogo obrazovaniia. [Geology of the petroleum areas of the *U.S.S.R.*] *Geologiia neft*[illegible] zonosnykh raionov SSSR. Moskva, Gos. nauchno-tekhn. izd-vo, 1960. 279 p. plates, maps.

RUSSIA (1923- U.S.S.R.) Rechnoi Register. [Rules for *governing radio* equipment on ships navigating the inland waters of the U.S.S.R.; rivers, lakes, and canals] Pravila po radiooborudovaniiu sudov [illegible]

rego planirovaniia SSSR, rek, ozera, kanaly. Utverzhdeny prikazom MPF no. 77 22 marta 1956 g. Moskva, Izd-vo "Rechnoi transport," 1956. 56 p.

RYBAK, B. M. [Analysis of petroleum and petroleum products] Analiz nefti i nefteproduktov. Izd. 5, dop. i perer. Moskva, Gostoptekhizdat, 1962. 887 p.

RYZHIKOV, A. A. [Technological principles of foundry practice] Tekhnologicheskie osnovy liteinogo proizvodstva. Moskva, Mashgiz, 1962. 527 p.

[SAFETY MEASURES IN THE TRANSPORTATION, STORAGE, AND USE OF TOXIC CHEMICALS] Tekhnika bezopasnosti pri transportirovke, khranenii i ispol'zovanii iadokhimikatov. [Moskva, Izd-vo M-va sel'. khoz. RSFSR, 1961] 14 p. (Pamiatka rabotnika sel'skogo khoziaistva)

[SAFETY TECHNIQUE IN GRAIN CLEANING AREAS] Tekhnika bezopasnosti na zerno-ochistitel'nykh tokakh. [Moskva, Izd-vo M-va sel'. khoz. RSFSR, 1961] 8 p. (Pamiatka rabotnika sel'skogo khoziaistva)

SAIDOV, P. I., E. I. SLIV, and R. I. CHERTKOV. [Applied theory of gyroscopes] Voprosy prikladnoi teorii giroskopov. Pod red. P. I. Saidova. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1961. 426 p.

SALAEV, S. G. [Oligocene-Miocene sediments in the southeastern Caucasus and their oil and gas potentials] Oligotsen-miotsenovye otlozheniia IUgo-Vostochnogo Kavkaza in ikh neftegazonosnost'. Red. M. V. Abramovich. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1961. 252 p.

SALI', A. O. [Modern industrial infrared (optico-acoustical) gas analyzers] Sovremennye promyshlennye infrakrasnye (optiko-akusticheskie) gazoanalizatory. Leningrad, 1961. 16 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. *Seriia, Pribory i elementy avtomatiki, no. 17*)

SAMOILOV, G. P. [Maintenance of a television receiver] Ukhod za televizorom. Pod obshchei red. A. M. Kanaevoi. Moskva, Gos. energ. izd-vo, 1961. 37 p. (Massovaia radiobiblioteka, no. 309)

SAMOILOV, V. N. [Ultrasonic waves and principles of ultrasonic flaw detection] Ul'trazvuk i printsipy ul'trazvukovoi defektoskopii. Pod red. N. L. Bliukhatova. Moskva, Mosk. in-t inzhenerov zhel-dor. transp. im. I. V. Stalina, 1961. 62 p.

SATARIN, V. I., and V. A. AKOPIAN. [Asbestos-cement industry, its present state and the prospects for its development] Asbestotsementnaia promyshlennost', sostoianie i perspektivy razvitiia. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 205 p.

SHEREGAEV, N. P. [Concise handbook on descriptive geometry and mechanical drawing] Kratkii spravochnik po nachertatel'noi geometrii i mashinostroitel'nomu chercheniiu. Moskva, Mashgiz, 1962. 214 p.

SEDEL'NIKOVA, L. V. [Guide to safety measures for workers in the production of keramzit (machine operators and chargers of rotary kilns)] Pamiatka po tekhnike bezopasnosti dlia rabochikh po proizvodstvu keramzita; dlia mashinista i zagruzchika vrashchaiushchikhsia pechei. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 11 p. (Tekhnika bezopasnosti v promyshlennosti stroitel'nykh materialov)

SEDEL'NIKOVA, L. V. [Safety regulations for workers engaged in the production of porous clay filler; for roasters of porous clay-filler gravel in revolving furnaces] Pamiatka po tekhnike bezopasnosti dlia rabochikh po proizvodstvu keramzita; dlia obzhigal'shchikov keramzitovogo gravilia vo vrashchaiushchikhsia pechakh. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 15 p. (Tekhnika bezopasnosti v promyshlennosti stroitel'nykh materialov)

SEGAL', S. G., and L. L. KOSHEVOI. [RDPK-30 apparatus] Apparatura RDPK-30. Moskva, Sviaz'izdat, 1961. 23 p. (Lektsii dlia rabotnikov raionnykh kontor sviazi)

SEMENOV, A. A. [Theory of electromagnetic waves; lecture course for radio physicists] Teoriia elektromagnitnykh voln, lektsionnyi kurs dlia radiofizikov. [Moskva] Izd-vo Mosk. univ., 1962. 255 p.

SHABALIN, N. N., and I. L. PARISTYI. [Efficient utilization of the technological equipment of stations; work practices of Bryansk II Station of the Moscow Railroad] Effektivnoe ispol'zovanie tekhnicheskikh ustroistv stantsii; opyt raboty stantsii Briansk II *Moskovskoi dorogi. Moskva*, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1962. 44 p.

SHAPIRO, M. S., and G. G. TRAININA. [Laboratory testing of food in public food service] Laboratornyi kontrol' v obshchestvennom pitanii. 2., dop. i perer. izd. Moskva, Gos. izd-vo torg. lit-ry, 1962. 392 p.

SHAPIRO, M. S., and M. P. SMIRNOV. [Equipment for asbestos-cement production] Oborudovanie asbesto-tsementnogo proizvodstva. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 155 p.

SHARIN, IU. S. [Automatic machine-tool lines in the machinery industry] Avtomaticheskie stanochnye linii v mashinostroenii. Moskva, Mashgiz, 1961. 36 p. (Nauchno-populiarnaia biblioteka rabochego-stanochnika, no. 31)

SHEVIAKOV, L. D., and G. I. MAN'KOVSKII. [Kursk Magnetic Anomaly] Kurskaia magnitnaia anomaliia. Moskva, Izd-vo Akad. nauk SSSR, 1962. 98 p.

SHISHKIN, V. N. [Construction of geodetic signals] Postroika geodezicheskikh znakov. Izd. 2. Moskva, Izd-vo geodez. lit-ry, 1961. 197 p.

SHISHKIN, V. N. [Manual on the construction of geodetic signals] Rukovodstvo po postroike geodezicheskikh znakov. Izd. 3, dop. Moskva, Izd-vo geodez. lit-ry, 1961. 317 p.

SHMARGANER, E. M. [Maintenance of lace machines] Obsluzhivanie kruzhevnoi mashiny. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1961. 156 p.

SHMYREV, A. G. [Handbook on automation and remote control on railroads] Spravochnik po zheleznodorozhnoi avtomatike i telemekhanike. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1962. 311 p.

SHTERNFEL'D, A. A. [Artificial satellites] Iskusstvennye sputniki. Izd. 2., perer. i dop. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1958. 295 p.
(*CLU*)

SHUMARIN, P. M. [Comfortable and warm apartments for the people of Leningrad] Blagoustroennye teplye kvartiry - leningradtsam [Leningrad] Lenizdat, 1960. 46 p. (Novatory leningradskoi promyshlennosti)

SHUMOVA, Z. I. [Practical guide on the operation of turbodrills] Prakticheskoe rukovodstvo po ekspluatatsii turboburov. Moskva, Gostoptekhizdat, 1962. 209 p.

SHVAREV, B. L. [Lengthening the service life of wooden ties] Prodlenie sroka sluzhby dereviannykh shpal. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1962. 45 p.

SIMIS, A. M., and B. G. STERLIN. [Pattern design for and manufacture of women's dress shoes made by stitching and gluing] Konstruirovanie i proizvodstvo zhenskoi model'noi strochechno-kleevoi obuvi. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1961. 77 p.

SLIPCHENKO, P. S. [Earth dams] Zemlianye plotiny. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1961. 203 p.

SMIRNOV, N. I. [Theoretical principles of production processes of basic organic synthesis and of synthetic rubbers] Teoreticheskie osnovy proizvodstv osnovnogo organicheskogo sinteza i sinteticheskikh kauchukov; uchebnoe posobie. Leningrad, Severo-Zapadnyi zaochnyi politekhn. in-t.
Vol. 2. 1961. 94 p.

SMYRNOV, L. S., and V. M. KERSEK. [New goods from synthetic fibers] Novi vyroby z khimichnykh volokon. Kyiv. Derzh. vyd-vo tekhn. lit-ry URSR, 1961. 17 p.

SOKOLOV, A. I. [Cutter and cutter-loader operator] Mashinist vrubovoi i vrubovo-navalochnoi mashiny. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1962. 245 p.

SOKOLOV, A. S. [Lamps and lighting devices for motor vehicles] Avtomobil'nye lampy i osvetitel'nye pribory. Izd. 3., perer. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961. 80 p. (Biblioteka shofera)

SOKOLOV, B. M. [Industrialization of construction] Industrializatsiia stroitel'stva. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 35 p. (V pomoshch' ekonomicheskomu obrazovaniiu rabochikh, brigadirov i masterov-stroitelei)

SOKOLOV, G. D. [Industrialization of the construction of oil field installations; practice of the Tatar Economic Council] Industrializatsiia stroitel'stva neftepromyslovykh ob"ektov; iz opyta Tatarskogo sovnarkhoza. Kazan', TSentr. biuro tekhn. informatsii, 1960. 37 p.

SOKOLOV, V. S. [Flaw detection in materials] Defektoskopiia materialov. Izd. 2., perer. Moskva, Gos. energ. izd-vo, 1961. 326 p.

SOPKO, P. P. [Geology of the pyrite deposits of the Alaverdi ore region] Geologiia kolchedannykh mestorozhdenii Alaverdskogo rudnogo raiona. Erevan, Izd-vo AN Armianskoi SSR, 1961. 169 p.

SOROKIN, P. P., and N. IA. TSUKERMAN. [Piling] Svainye raboty. Leningrad, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 213 p. (Seriia posobii dlia nachinaiushchikh rabochikh)

SOVETOV, N. M. [Circuit for the engineering design of a backward-wave tube using a helix] Skhema inzhenernogo rascheta lampy obratnoi volny na spirali. Moskva, Izd-vo "Sovetskoe radio," 1961. 51 p.

[SPECIALIZED UNLOADING POINTS] Spetsializirovannye bazy vygruzki. [By] V. K. Beshketo i dr. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1962. 78 p.

[STATISTICAL METHODS FOR INVESTIGATING THE STRENGTH OF MATERIALS IN THE MANUFACTURE OF MACHINERY] Statisticheskie voprosy prochnosti v mashinostroenii. Moskva, Mashgiz, 1961. 72 p.

STEBAKOV, E. S., and V. IA. TARUTIN. [Compression casting] Lit'e vyzhimaniem. Moskva, Mashgiz, 1962. 250 p.

STURMANE, MILDA. [Ways of improving the overhauling of industrial equipment in the metalworking industry of the Latvian S. S. R.] Razosanas iekartu kapitalremonta pilnveidosanas iespejas Latvijas PSR metalapstradasanas rupnieciba. Riga, Latvijas PSR Zinatnu akademijas izdevnieciba, 1961. 91 p. [In Latvian]

SUDOPLATOV, A. P., and others. [Working coal deposits with short stoping faces] Razrabotka ugol'nykh mestorozhdenii korotkimi ochistnymi zaboiami. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1962. 303 p.

SUKHAREV, M. I., and L. S. FEDOSEEVA. [Use of nonwoven fabrics (fibrous paper type) in the manufacture of men's jackets] Ispol'zovanie netkanykh materialov (tipa voloknistoi bumagi) pri izgotovlenii muzhskogo pidzhaka. Leningrad, 1961. 18 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia Shveinaia promyshlennost', no. 5)

SUMAROKOV, V. P. [Technology of the production of wool chemicals, a manual for foremen, technicians, and engineers] Tekhnologiia proizvodstva tesolokhimicheskikh produktov; posobie dlia masterov i inzhenerno-tekhnicheskikh rabotnikov. Moskva, Gos. izd-vo mestnoi promysht i khudozh. promyslov RSFSR, 1961. 303 p.

SURZHANENKO, A. E. [Methodological manual for the industrial training of house painters] Metodicheskoe posobie po proizvodstvennomu obucheniiu maliarov. Izd. 3., perer. i dop. Moskva, Vses. uchebno-pedagog. izd-vo Profizdat, 1961. 174 p.

TARASOV, V. M. [Manual electric and pneumatic tools in the woodworking and associated industries] Ruchnoi elektrifitsirovannyi i pnevmaticheskii instrument v derevoobrabatyvaiushchem i sopustvuiushchikh proizvodstvakh; spravochnoe rukovodstvo. Moskva, Goslesbumizdat, 1961. 95 p.

TATARINOV, M. P. [Mine machinery, mine ventilation and drainage equipment] Gornaia mekhanika, rudnichnye ventiliatornye i vodootlivnye ustanovki. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 219 p.
(*C*)

[TECHNICAL REFERENCE BOOK ON RAILROAD ENGINEERING] Tekhnicheskii spravochnik zheleznodorozhnika. Red. kollegiia: A. F. Baranov i dr. Glav. red. E. F. Rudoi. Moskva, Gos. transp. zhel-dor. izd-vo.
Vol. 2. [Technical calculations and design] Tekhnicheskie raschety. Otv. red. toma M. A. Petrov. 1950. 796 p.

TEPINKICHIEV, V. K. [Machine tools in the agricultural machinery industry] Metallorezhushchie stanki v sel'skokhoziaistvennom mashinostroenii. Moskva, Mashgiz, 1962. 424 p.

[TEXTILE MACHINERY (catalog-handbook); cotton machinery] Tekstil'nye mashiny (katalog-spravochnik); mashiny khlopchatobumazhnogo proizvodstva. Moskva, Mashgiz, 1951. 123 p.

TIKHONOV, M. K. [Corrosion and the protection of concrete and reinforced concrete hydraulic structures] Korrozila i zashchita morskikh sooruzhenii iz betona i zhelezobetona. Moskva, Izd-vo Akad. nauk SSSR, 1962. 119 p.

[TIMETABLE OF SUBURBAN TRAINS Moscow - Kashira - Ozherelye, Moscow Railroad, winter 1961/62] Raspisanie dvizheniia prigorodnykh poezdov Moskva-Kashira-Ozherel'e Moskovskoi Zh D , zima 1961/62 g. [Moskva] Transzheldorizdat, [1961] 55 p

[HULPA, I A , and L V RAKCHEV. [History of mechanics, manual] Istoriia mekhaniki, uchebnoe posobie [Moskva] Izd-vo Mosk univ , 1962 227 p.

[TOLERANCES AND FITS] Dopuski i posadki. Izdanie ofitsial'noe Moskva, Gos. izd-vo standartov, 1960. 67 p. (SSSR. Gosudarstvennye standarty)

TOLMACHEV, M A. [Masters of innovations] Mastera novshestv. [Moskva] Moskovskii rabochii, 1961 30 p (Novatory semiletki)

TORGONSKII, M N [Principles of construction work] Osnovy stroitel'nogo dela Moskva, Gosstesbumizdat, 1961 221 p

TSENTRAL'NAIA NAUCHNO-ISSLEDOVATEL'SKAIA LABORATORIIA PO STROITEL'STVU I STROITEL'NYM MATERIALAM [Temporary instructions for using double-strand cables manufactured for the reinforcement of prestressed reinforced-concrete elements] Vremennye ukazaniia po primeneniiu dvukhprovolochnykh stal'nykh kanatov zavodskogo izgotovleniia dlia armirovaniia predvaritel'no napriazhennykh zhelezobetonnykh konstruktsii Moskva, Gos. izd-vo lit-ry po stroit , arkhit. i stroit. materialam, 1961 10 p

TSEITSURA, I A [Experience in the reorganization of central block signaling systems in connection with the transfer to a.c. traction] Opyt rekonstruktsii ustroistv STsB pri perekhode na elektricheskuiu tiagu peremennogo toka. Moskva, Vses izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 93 p.

TUMANSKII, A K. [Flight through the years] Polet skvoz' gody Moskva, Voen izd-vo M-va oborony SSSR, 1962 229 p. (Voennye memuary)

TURCHANINOV, I A. [Underground coal gasification] Podzemnaia gazifikatsiia uglei Moskva, Gos nauchno-tekhnicheskoe izd-vo lit-ry po gornomu delu, 1961 65 p (Bibliotechka molodogo shakhtera)

TVALCHRELIDZE, G A [Endogenous metallogeny of Georgia] Endogennaia metallogeniia Gruzii Moskva, Gos nauchno-tekhn izd-vo lit-ry po geol i okhrane nedr, 1961 343 p.

UKRAINE, Gosudarstvennyi komitet po delam stroitel'stva [Builders' Day] Den' budivel'nyka, Kyiv, Derzh. vyd-vo lit-ry z budivnytstva i arkhitektury URSR, 1960. 62 p

UKRAINE, Gosudarstvennyi nauchno-tekhnicheskii komitet Institut tekhnicheskoi informatsii [Development of the iron-alloy industry in the U S S R] Razvitie ferrosplavnoi promyshlennosti SSSR. Kiev, Gos izd-vo tekhn lit-ry, USSR, 1961 243 p

UKRAINS'KYI NAUKOVO-DOSLIDNYI I PROEKTNYI INSTYTUT DERZHPLANU URSR. [Device for drying corn on the cob with a gas and air stream] Ustanovka dlia sushinnia kukurudzy v kachanakh gazopovitrianym strumenem. Kyiv, Derzh. vyd-vo tekhn. lit-ry URSR, 1961. 36 p

URALVAGONZAVOD, Nizhniy Tagil. [Advanced technological processes of mechanical assembling] Peredovaia tekhnologiia mekhanosborochnogo proizvodstva Moskva, Gos nauchno-tekhn. izd-vo mashinostroit lit-ry, 1961 102 p.

URALVAGONZAVOD, Nizhniy Tagil. [Progressive heat-treating techniques] Peredovaia tekhnologiia termicheskoi obrabotki, Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 143 p.

VASIL'EV, D. V., and G. S. FILIPPOV. [Fundamentals of the theory of servomechanisms] Osnovy teorii rascheta sledilashchikh sistem. Moskva, Gos. energ. izd-vo, 1959. 428 p.
(C)

VASIL'EV, N. P., and V. N LEVITSKII. [Special purpose indicating gauges and devices] Spetsial'nyi indikatornyi izmeritel'nyi instrument i prisposobleniia; iz opyta raboty izmeritel'noi laboratorii zavoda "Vulkan" Leningrad, 1962. 12 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Kontrol' kachestva produktsii, no. 2)

VAVILOV, M. A. [Booklet for a dump-truck driver] Pamiatka shoferu avtomobilia-samosvala. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transporta i shosseinykh dorog RSFSR, 1961 50 p. (Tekhnika bezopasnosti na avtotransporte)

VENDROVSKII, K V., and D. I. ZHUTOVSKII. [For the amateur photographer-tourist] Fotoliubitelliu-turistu Pod red E A Iofisa. Moskva, Gos. izd-vo "Iskusstvo," 1961 99 p (Biblioteka fotoliubitelia, no. 21)

VERIGO, M F., ed. [Evaluating the action of present-day diesel and electric locomotives on track] Otsenka vozdeistvila na put' sovremennykh elektrovozov i teplovozov. [By] M V Alekseev i dr. Moskva, Vses izdatel'sko-poligr ob"edinenie M-va putei soobshcheniia, 1961. 42 p.

VESSEL'MAN, S. G , and L. V DROBYSHEV [Control and regulation of thermal processes in coke chemical plants] Kontrol' i regulirovanie teplovykh protsessov na koksokhimicheskikh zavodakh Khar'kov, Metallurgizdat, 1962 378 p.

VINAROV, S. M. [Physical metallurgy of airplane metals] Aviatsionnoe metallovedenie, uchebnoe posobie. Moskva, Gos nauchno-tekhn. izd-vo Oborongiz, 1962 219 p

VINOGRADOV, V. M. [Mechanization of labor consuming operations in the repair of braking equipment] Mekhanizatsiia trudoemkikh rabot pri remonte tormoznogo oborudovaniia. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 27 p.

VITKAUSKAS, VYTAUTAS. [Work of a mural construction workers] Kalmo statybininko darbai Vilnius, Lietuvos TSR Ministrų Tarybos Valstybinio statybos ir architektūros reikalų komiteto Centrinis techninės informacijos ir propagandos biuras, 1961. 155 p. (Pagalba kalmo statybininkui) [In Lithuanian]

VLASOV, V. F. [Course in radio engineering] Kurs radiotekhniki. Moskva, Gos. energ izd-vo, 1962. 927 p

VOLCHENKO, F. I., and M. B. MEKLER. [Inventors and efficiency experts of Dnepropetrovsk Province] Izobretateli i ratsionalizatory stroek Dnepropetrovshchiny. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1961. 40 p.

VOLKOVA, L. A. [Metal melting in induction furnaces] Plavka metalla v induktsionnykh pechakh. Pod red. L. M. Volplanskogo. Moskva, Mashgiz, 1961. 59 p. (Nauchno-populiarnaia biblioteka rabochego-liteishchika, no. 17)

VOLODIN, A. I., and G. A. FOFANOV. [Saving fuel in the operation of diesel locomotives] Ekonomiia topliva na teplovozakh. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1962. 86 p. (Bibliotechka mashinista teplovoza)

VOSTROV, V. M. [Safety regulations for concrete workers] Pamiatka po tekhnike bezopasnosti dlia betonshchika. Izd. 2., ispr. Moskva, Gos. izd-vo lit-ry po stroit. arkhit. i stroit. materialam, 1961. 22 p. (Tekhnika bezopasnosti v stroitel'stve)

VSESOIUZNYI INSTITUT ASSORTIMENTA IZDELII LEGKOI PROMYSHLENNOSTI I KUL'TURY ODEZHDY [Shoe styles] Modeli obuvi. Moskva, 1961. 68 p.

VYSHELESSKII, A N , ed. [Equipment of public food service establishments; electrical, refrigerating, and sanitary equipment] Oborudovanie predpriiatii obshchestvennogo pitaniia; elektricheskoe, kholodil'noe i sanitarno-tekhnicheskoe oborudovanie Moskva, Gos. izd-vo torg. lit-ry, 1961 447 p.

ZAV'IALOV, S. N. [Two-way radio communication in automobile transportation] Dvukhstoronniaia radiosviaz' na avtomobil'nom transporte. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961. 37 p. (Obmen tekhnicheskim opytom avtotransportnykh predpriiatii)

ZAVRAZHIN, N. M., and M. I. OSIPOV. [Methodological manual for the teachers of construction and trade schools, painter and finisher groups] Metodicheskoe posobie prepodavateliam stroitel'nykh i remeslennykh uchilishch; dlia grupp maliarov-otdelochnikov. Moskva, Vses. uchebno-pedagog. izd-vo Profizdat, 1961. 163 p.

ZELENSKII, S. I., and K. V. MIKHALKOV, eds. [Industrial television systems] Sistemy promyshlennogo televidenila, sbornik statei. Moskva, Gos. energ. izd-vo, 1962. 243 p.

ZELICHENOK, G. G. [Automation and mechanization of concrete plants] Avtomatizirovannye i mekhanizirovannye betonnye zavody. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 413 p.

ZEMBLINOV, S. V. [Graphic method of calculation for planning stations and junction points] Graficheskii raschet stantsii i uzlov. Moskva, Gos. transp. zhel-dor izd-vo, 1960. 42 p.

ZHDANOV, M. A. [Geology of oil and gas fields] Neftegazopromyslovala geologiia. Moskva, Gostoptekhizdat, 1962. 536 p.

ZHEZHERIN, R. P [Induction alternators] Indukторные generatory Moskva, Gos. energ izd-vo, 1961

ZHILEVICH, I. I., and P. I. NEMIROVSKII [Industrial photography] Elektrofotografiia. Pod red P. A. [illegible] Moskva, Gos. izd-vo "Iskusstvo," 1961 [illegible] (Biblioteka fotoliubitelia, no. 24)

ZHUKOV, A. I., B. S. CHERNOV, and M. N. BAZ[illegible] [Exploitation of oil fields] Ekspluatatsiia neftianykh mestorozhdenii. Izd 3. Moskva, Gostoptekhizdat, 1961 493 p

ZOTOV, V. F. [Lamochkin's brigade of assembly workers] Montazh vedet brigada Lamochkina [Moskva] Moskovskii rabochii, 1961. 26 p. (Novatory semiletki)

ZURABISHVILI, I. I. [Underground working of [illegible] ina manganese deposit] Opyt podzemnoi [illegible] Chiaturskogo mestorozhdeniia margantsevykh [illegible] Izd-vo Akad. nauk Gruzinskoi SSR, 1961 [illegible]

ZVIAGINTSEVA, K. M. [Economics of [illegible] coal for coking] Ekonomika otkrytoi dobychi [illegible] dlia koksovaniia Moskva, Gos. nauchno-[illegible] lit-ry po gornomu delu, 1963 83 p
(CU)

ZYSKIN, A. V. [Calorifiers and air [illegible] struction] Kalorifery i vozdukhopody [illegible] stroitel'stve. Kiev, Gos izd-vo lit-ry [illegible] arkhit. USSR, 1961. 72 p.

17. MILITARY & NAVAL SCIENCES

ALEKSANDROVSKII, V. V., and A. F. MAL[illegible] [Collection of problems and exercises in [illegible] Sbornik zadach i uprazhnenii po [illegible] peri Leninizdat, Izd-vo "Morskoi transport [illegible] 316 p.

CHUPRYNIN, S. IA. [Officers and chief petty [illegible] Ofitsery i starshiny. Moskva, Voen izd-vo M[illegible] oborony SSSR, 1962. 118 p.

[CAMPAIGNS, TRENCHES, ATTACKS; [illegible] participants of the Great Patriotic War] [illegible] apkasai, atakos, didziojo tevynes karo dalyviai prisimindami. Vilnius, Valstybinis [illegible] literatūros leidykla, 1961. 594 p. [In Lithuanian]

DUSHEN'KIN, V. V. [From soldier to marshal [illegible] combat career of V K Blukher, Marshal [illegible] Union] Ot soldata do marshala, [illegible] Marshala Sovetskogo Soiuza V. K. Bliukhera [illegible] dop. i ispr. Moskva, Gos izd-vo polit. lit-ry, [illegible] 173 p. (Geroi i podvigi)

KLIUKIN, I. I. [Control of noise and sound vibration [illegible] ships] Bor'ba s shumom i zvukovoi vibratsiei [illegible] sudakh. Leningrad, Sudpromgiz, 1961 [illegible] p

KULISHOVA, L. V. [Life and work of M. V. Frunze] [illegible] M. V. Frunzenin omuru zhana ishmerdigi [illegible] Kyrgyz mamlekettik okuu-pedagogikalyk [illegible] 97 p. [In Kirghiz]

KUZNETSOV, I. T [Firing with the aid of [illegible] Strel'ba s dal'nomerom. Moskva, Voen izd-vo [illegible] oborony SSSR, 1962. 61 p. (Za voennye [illegible] znaniia)

LYSENKO, V. K. [Marine nuclear power plants]; [illegible] atomnye silovye ustanovki. Moskva, Izd-vo "Morskoi transport," 1961. 153 p. (Lektsii dlia [illegible]

MEGRABOV, G. A. [Repair of marine power plants] Remont sudovykh silovykh ustanovok. Moskva, [illegible] "Morskoi transport," 1961. 383 p.

NEMTSEV, S. D. [Dzhikaev's secret] Sekret Dzhikaeva [illegible] Moskva, Voen. izd-vo M-va oborony SSSR, [illegible] (Biblioteka soldata i matrosa)

NIKITIN, G. A., and A. P. GREKOV. [They are [illegible] in formation] Oni vsegda v stroiu. Moskva, [illegible] DOSAAF, 1961. 114 p.

OSIPOV, S. A. [Heroic deed of the men of the [illegible] patrol boats] Podvig katernikov-baltiitsev. Leningrad, [illegible] Ob-vo po rasprostraneniiu polit. i nauch. znanii RSFSR, 1961. 75 p.

PAPKOVICH, P. F. [Works on the structural [illegible] of a ship] Trudy po stroitel'noi mekhanike korablia Leningrad, Gos. soiuznoe izd-vo sudostroit [illegible]
Vol. I. [Flexure of beams and rectilinear [illegible] Izgib balok i priamolinejnykh ram [illegible] obshchei red. V. V. Ekimova. 1962 [illegible]

POKROVSKII, M. K., and IU. I. KOL'TSOV. [Recoilless weapons] Bezotkatnye orudiia. Moskva, Voen. izd-vo M-va oborony SSSR, 1962. 65 p. (Za voenno-tekhnicheskie znaniia)

POKRYSHCHENKO, V. F., and E. I. KRAVCHENKO. [Manual of a model loftsman] Spravochnik rabochego-plazovshchika. Leningrad, Sudpromgiz, 1961. 200 p.

REBROV, B. V. [Marine gas turbine plants] Sudovye gazoturbinnye ustanovki. Leningrad, Sudpromgiz, 1961. 535 p.

RUSSIA (1923- U. S. S. R.) Ministerstvo oborony. [Garrison duty regulations of the Armed Forces of the U. S. S. R.] Ustavy vnutrennei sluzhby Vooruzhennykh sil Soiuza SSR. Moskva, Voen. izd-vo M-va oborony SSSR, 1962. 231 p.

SAKHNIN, A. IA. [At the bottom of the sea] Na dne moria. Moskva, Voen. izd-vo M-va oborony SSSR, 1961. 40 p. (Geroi-sovremenniki)

SAMCHUK, I. A. [The 13th Guards; combat history of the 13th Guards Poltava Order of Lenin Rifle Division 1941-1945, twice-decorated with the Order of the Red Banner and the Orders of Suvorov and Kutuzov] Tridtsatitretia gvardeiskaia, boevoi put' Tridtsatitretei gvardeiskoi Poltavskoi ordena Lenina dvazhdy Krasnoznamennoi ordenov Suvorova i Kutuzova strelkovoi divizii, 1941-1945. Moskva, Voen. izd-vo M-va oborony SSSR, 1962. 293 p.

SAPAROV, A. V. [Rock of danger, sketches] Kamen' opasnosti, ocherki. [Leningrad] Lenizdat, 1961. 68 p. (Nashi sovremenniki)

SAPOZHNIKOV, G. N., V. N. RODIONOV, and G. M. GARASHCHENKO. [Manual for an amateur boating enthusiast] Posobie sudovoditelia-liubitelia. Kiev, Gos. izd-vo tekhn. lit-ry, 1961. 215 p.

SAVCHENKO, S. S., ed. [Field firing for the personnel of small units] Boevye strel'by v sostave podrazdelenii. Moskva, Voen. izd-vo M-va oborony SSSR, 1961. 156 p.

SAVCHENKO, S. S., and A. F. GRECHIKHIN. [Firing from an armored carrier] Strel'ba s bronetransportera. Moskva, Voen. izd-vo M-va oborony SSSR, 1962. 83 p.

SAVCHENKO, V. I. [The Latvian Guards] Gvardeiskaia Latyshskaia. Riga, Izd-vo Akad. nauk Latviiskoi SSR, 1961. 166 p.

SHELUCHENKO, V. M. [Shipbuilding materials and ship repairs] Sudostroitel'nye materialy i sudoremont. Leningrad, Izd-vo "Morskoi transport," 1961. 332 p.

SPAZHEV, IU. A., and A. A. FILIPPOV. [Translation of military terminology, the English language] Kurs voennogo perevoda, angliiskii iazyk. Moskva, Voen. izd-vo M-va obor. SSSR.
Pt. 1. 1962. 505 p.
_____ _____ _____ Supplement. 15 p.

TOLMACHEV, I. I. [Regulations on the morale and combat qualities of Soviet soldiers] Ustavy o moral'no-boevykh kachestvakh sovetskikh voinov. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 96 p.

VLASOV, V. G. [Collected works] Sobranie trudov. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl.
Vol. 7. [Ship statics, stability when inclined at large angles, reserve buoyancy] Statika korablia, ostoichivost' pri bol'shikh otkloneniiakh, nepotoplaemost'. 1961. 416 p.

ZHERLAKOV, A. V. [Electric navigation instruments] Elektronavigatsionnye pribory. [By] I. A. Blinov i dr. Moskva, Izd-vo "Morskoi transport," 1960. 674 p.

PART B—PERIODICALS

An asterisk (*) appearing before a periodical title indicates that it is available in full English translation. For publishers of such translated periodicals, their subscription prices, etc., see listing at end of this issue.

1 GENERAL

a SCHOLARLY JOURNALS

AKADEMIIA NAUK GRUZINSKOI SSR, Tiflis. Soobshcheniia [ACADEMY OF SCIENCES OF THE GEORGIAN S. S. R. Reports] Tiflis, vol 27, no. 3, Sep. 1961, vol. 28, no 2, Feb 1962.

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Izvestiia. Seriia ekonomiki, filosofii i prava [ACADEMY OF SCIENCES OF THE KAZAKH S. S. R. Series in Economics, Philosophy, and Law]. Alma-Ata, no. 2(15), 1961.

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Vestnik [ACADEMY OF SCIENCES OF THE KAZAKH S. S. R. Journal]. Alma-Ata, vol 17, no. 12(201), Dec. 1961, vol 18, no. 3(204), Mar. 1962.

AKADEMIIA NAUK KIRGIZSKOI SSR, Frunze. Izvestiia. Seriia estestvennykh i tekhnicheskikh nauk [ACADEMY OF SCIENCES OF THE KIRGHIZ S. S. R. Bulletin. Series in the Natural and Technological Sciences] Frunze, vol 3, no. 3, 1961.

AKADEMIIA NAUK KIRGIZSKOI SSR, Frunze. Vestnik [ACADEMY OF SCIENCES OF THE KIRGHIZ S. S. R. Journal]. Frunze, no 2, 1961.

AKADEMIIA NAUK SSSR. Karel'skii filial, Petrozavodsk. Trudy [ACADEMY OF SCIENCES OF THE U. S. S. R. Karelian Branch. Transactions]. Petrozavodsk, no 8, 1957.

AKADEMIIA NAUK SSSR. Sibirskoe otdelenie. Izvestiia [ACADEMY OF SCIENCES OF THE U. S. S. R. Siberian Department. Bulletin]. Novosibirsk, no. 12, 1961, no 1, 1962

AMURSKII SBORNIK [AMUR COLLECTION]. Issued by Dal'nevostochnyi filial akademii nauk SSSR and Primorskii filial Geograficheskogo obshchestva SSSR [Far Eastern Branch of the Academy of Sciences of the U. S. S. R. and the Amur Branch of the Geographical Society of the U. S. S. R.]. Khabarovsk, no. 2, 1960.

EESTI NSV TEADUSTE AKADEEMIA. Toimetised Fuusikalis-matemaatiliste ja tehniliste teaduste seeria. Izvestiia Akademii nauk Estonskoi SSR. Seriia fiziko-matematicheskikh i tekhnicheskikh nauk [ACADEMY OF SCIENCES OF THE ESTONIAN S. S. R. Bulletin. Series in the Physical, Mathematical, and Technical Sciences]. Tallinn, vol. 10, no. 2, 1961, no. 1, 1962.

GORKIY GOSUDARSTVENNYI PEDAGOGICHESKII *INSTITUT. Uchenye zapiski* [STATE PEDAGOGICAL INSTITUTE. Studies] No 27, 1960. Gel'mintologicheskii sbornik [Helminthological *Papers*], *no. 2.*

GROZNY. CHECHENO-INGUSHSKII NAUCHNO-ISSLEDOVATEL'SKII INSTITUT ISTORII, IAZYKA I LITERATURY. Trudy [CHECHEN-INGUSH RESEARCH INSTITUTE OF HISTORY, LANGUAGE, AND LITERATURE. Transactions]. Vol. 3, 1961,
Contents Vinogradov, B. S. [L. N. *Tolstoi in the Caucasus* as recalled by his contemporaries] L. N. Tolstoi na Kavkaze v zapisiakh sovremennikov 115 p.

KHARKOV. UNIVERSITET. Uchenye zapiski [UNIVERSITY. Studies]. Vol. 91, 1957. Trudy Astronomicheskoi observatorii [Transactions of the Astronomical Observatory], vol. 12.

LENINGRAD. *UNIVERSITET.* Uchenye zapiski [UNIVERSITY. Studies]. No. 309, 1961. Seriia geograficheskikh nauk [Series in the Geographical Sciences], no. 16.

LENINGRAD. UNIVERSITET. Vestnik [UNIVERSITY. Review].
Vol. 17, no. 4, 1962. Seriia fiziki i khimii [Series in Physics and Chemistry], no 1.
Vol 17, no. 5, 1962 Seriia ekonomiki filosofii i prava [Series in Economics, Philosophy, and Law], no. 1.

LIETUVOS TSR MOKSLU AKADEMIJA. Darbai. Serija A. Trudy Akademii nauk Litovskoi *SSR. Seriia A* [ACADEMY OF SCIENCES OF THE LITHUANIAN S. S. R. Transactions. *Series A*]. *Vilnius, no 1(12), 1962.* [In Lithuanian and Russian]

LYSTY DO PRYIATELIV. LETTERS TO FRIENDS. Newark, N. J., vol. 10, no. 3/4(109-110), 1962.

MOSCOW. MOSKOVSKII GOSUDARSTVENNYI PEDAGO*GICHESKII INSTITUT.* Uchenye zapiski [MOSCOW STATE PEDAGOGICAL INSTITUTE. Studies]. Vol. 121, 1959 Kafedra ekonomicheskoi geografii [Department of Economic Geography], no. 4.

MOSCOW. MOSKOVSKII OBLASTNOI PEDAGOGICHE*SKII INSTITUT.* Uchenye zapiski [MOSCOW PROVINCE PEDAGOGICAL INSTITUTE. Studies]. Vol. 97, *1961 Trudy kafedr* geografii [Transactions of the Departments of Geography], no. 9.

OBSHCHESTVENNYE NAUKI V UZBEKISTANE [SOCIAL SCIENCES IN UZBEKISTAN]. Issued by Akademiia nauk Uzbekskoi SSR [Academy of Sciences of the Uzbek S. S. R.]. Tashkent, vol. 6, no. 1, 1962.

SAMARKAND. UZBEKSKII GOSUDARSTVENNYI UNIVERSITET. Trudy [UZBEK STATE UNIVERSITY. Transactions]. No 110, 1961.

SOVREMENNAIA KITAISKAIA LITERATURA PO OB*SHCHESTVENNYM NAUKAM;* referativnyi sbornik [CONTEMPORARY CHINESE LITERATURE ON THE *SOCIAL SCIENCES*, Journal of Abstracts]. Issued by Fundamental'naia biblioteka *obshchestvennykh nauk* Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of *Sciences of the U. S. S. R.*]. Moscow, no. 45, 1961.

TASHKENT. UNIVERSITET. Trudy [UNIVERSITY. Transactions]. No. 167, 1961.

UKRAINS'KYI OHLIAD. UKRAINIAN DIGEST. New York, no. 7, 1961.

ULAN-UDE. BURIATSKII KOMPLEKSNYI NAUCHNO-*ISSLEDOVATEL'SKII* INSTITUT. Trudy [BURYAT SCIENTIFIC RESEARCH INSTITUTE. Transactions]. *No. 4, 1960.*

b POPULAR *MAGAZINES*

AZIIA I AFRIKA SEGODNIA [ASIA AND AFRICA TODAY]. Issued by Institut narodov Azii *and Institut Afriki* Akademii nauk SSSR [Institute of the Peoples of Asia and the Institute of Africa of the Academy of Sciences of *the U. S. S. R.*]. Moscow, no. 3, Mar. 1962.

BARVINOK [PERIWINKLE]. Issued by TSentral'nyi komitet *Lenins'koho komunistychnoho* soiuzu molodi Ukrainy and Respublikans'ka rada Vsesoiuznoi pioners'koi organizatsii imeni V. I. Lenina [Central Committee of the Ukrainian Communist Youth of *Lenin and the* Republic Council of the All-Union Lenin Pioneers]. Kiev, no. 4, Apr. 1962.

BELARUS' [WHITE RUSSIA]. *Minsk, vol. 19, no.3(213),* Mar. 1962.

BELARUSKAIA MOLADZ'. *BYELORUSSIAN* YOUTH. Issued by Zgurtavan'ne belaruskae moladzi u Ameryitsy [White Russian Youth Association of *America*]. New York, vol. 4, no. 13, Jan.-Mar. 1962.

BERNIBA [CHILDHOOD]. Issued by Latvijas Lenina *komunistiskas* jaunatnes savienibas Centrala komiteja and Lenina pioneru organizacijas Latvijas republikas padome [Central Committee of *the Lenin* Communist Youth League of Latvia and the Republic Council of *the Lenin Pioneers of Latvia*]. Riga, no. 2, Feb. 1962. [In Latvian]

BIAROZKA [THE LITTLE BIRCH]. Issued by TSentral'nyi komitet Leninskaha kamunistychnaha saiuza moladzi Belarusi and Respublikanski Savet piianerskai arganizatsyi imia V. I. Lenina [Central Committee of the White Russian Communist Youth League of Lenin and the Republic Council of Lenin Pioneers]. Minsk, vol. 38, no. 3, Mar. 1962.

DADZIS [THISTLE]. Riga, no. 22(118), 1961, nos. 5(125) 7(127), 1962. [In Latvian]

DRUZHNO VPERED [FORWARD TOGETHER]. Issued by Kul'turnaia spilka ukrains'kykh trudiashchykh Chekhoslovachchyny [Cultural Association of the Ukrainian Workers of Czechoslovakia]. Prague, vol. 12, no. 3(134), Mar. 1962.

JAUNIMO GRETOS [THE RANKS OF YOUTH]. *Issued* by Lietuvos Lenino komjaunimo sajungos Centro komitetas [Central Committee of the *Lenin Communist* Youth League of Lithuania]. Vilnius, no. 3(208), Mar. 1962. [In Lithuanian]

KAPKAN, chuvashskii satiricheskii zhurnal [TRAP, Chuvash Satirical Magazine]. Cheboksary, vol. 2, nos. *5(306)-6(309)*, Mar. 1962. [In Chuvash]

KHORPUSHTAK [HEDGEHOG]. Dushanbe, no. 3(107), Mar. 1962. [In Tajik]

KIRPI [HEDGEHOG]. Baku, no. 1, 1962. [In Azerbaijani]

KROKODIL [CROCODILE]. Issued by Gazeta [News paper] "Pravda." *Moscow, vol. 4, nos. 9(1669)*-10(1660), Mar.-Apr. 1962.

KULTUUR JA ELU [CULTURE AND LIFE]. Issued by *Eesti NSV* Kultuuriministeeriumi and Eesti NSV Ametiühingute Noukogu [Ministry of Culture of the Estonian *S. S. R.* and the Council of Trade Unions of the Estonian S. S. R.]. Tallinn, nos. 3-4, Mar.-Apr. 1962. [In Estonian]

KYIV [KIEV]. Published by Bohdan Romanenchuk Philadelphia, vol. 13, no. 1(70), Jan.-Feb. 1962.

LIESMA [FLAME]. Issued by Latvijas LKJS Centrala *komiteja* [*Central* Committee of the *Lenin* Communist Youth League of Latvia], Riga, no. 3, Mar. 1962. [In Latvian]

MEDENIET ZHENE TURMYS [CULTURE AND LIFE]. Issued by Ministerstvo kul'tury Kazakhskoi SSR [Ministry of Culture of the Kazakh S. S. R.]. Alma-Ata, no. 2, Feb. 1962. [In Kazakh]

MOKSLEIVIS [THE STUDENT]. Issued by Lietuvos Leni komjaunimo sajungos Centro komitetas and *LTSR svietimo ministerija* [Central Committee of the Lenin Communist Youth League of *Lithuania and the* Ministry of Education of the Lithuanian S. S. R.]. Vilnius, nos. 3-4, 1962. [In Lithuanian]

MURZILKA [TINY TOT]. Issued by TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi and TSentral'nyi sovet Vsesoiuznoi pionerskoi organizatsii imeni V. I. Lenina [Central Committee of the All-Union Communist Youth League of Lenin and the Central Council of the V. I. Lenin All-Union Pioneer Organization]. Moscow, nos. 3-4, Mar.-Apr. 1962.

NOVOSTI KOREI [NEWS OF KOREA]. Issued by Tsentral'noe telegrafnoe agentstvo Korei [Central Telegraph Agency of Korea]. Pyongyang, vol. 4, no. 30, Dec. 1961.

OGONEK [THE LITTLE LIGHT]. Moscow, vol. 40, nos. 9(1810)-10(1811), 14(1815), Feb.-Apr. 1962.

OTVECHAEM NA VOPROSY RABOCHIKH [WE ANSWER WORKERS' QUESTIONS]. Moscow, no. 10, 1961.

PERETS' [PEPPER]. Issued by Vydavnytstvo [Publishing House] "Radians'ka Ukraina," Kiev, vol. 22, no. 7(474), Apr. 1962.

PIONEER [PIONEER]. Issued by ELKNU Keskkomitee and Eesti NSV Pioneerorganisatsioonl Noukogu [Central Committee of the Lenin Communist Youth League of Estonia and the Council of the Pioneers of the Estonian S. S. R.], Tallinn, vol. 20, no. 3(203), Mar. 1962. [In Estonian]

PIONER [PIONEER]. Issued by TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi and TSentral'nyi sovet Vsesoiuznoi pionerskoi organizatsii imeni V. I. Lenina [Central Committee of the All-Union Communist Youth League of Lenin and the Central Council of the All-Union Lenin Pioneers], Moscow, vol. 39, no. 3, Mar. 1962.

POL'SHA [POLAND]. Warsaw, no. 3(91), 1962.

RODINA [OUR COUNTRY]. Issued by Komitet za vozviashchenie na Rodinu i razvitie kul'turnykh sviazei s sootechestvennikami [Committee for Repatriation and Development of Cultural Relations with our Countrymen]. Berlin, vol. 4, no. 1(16), Jan.-Feb. 1962.

SEIATEL' [SOWER]. Published by N. Cholovskii, Buenos Aires, no. 103, Feb. 1962.

SLUOTA [THE BROOM]. Issued by Lietuvos komunistu partijos Centro komitetas [Central Committee of the Communist Party of Lithuania]. Vilnius, no. 7(182), Apr. 1962. [In Lithuanian]

SOGLASIE [CONCORD]. Los Angeles, Calif., vo. 11, no. 127, Apr. 1962.

SOTSIALISTYCHNA KUL'TURA [SOCIALIST CULTURE]. Organ of Ministerstvo kul'tury URSR [Ministry of Culture of the Ukrainian S. S. R.] Kiev, no. 2, Feb. 1962.

SOVETSKII SOIUZ [SOVIET UNION]. Moscow, nos. 2(144), 4(146), 1962.

SVYTURYS [THE LIGHTHOUSE]. Vilnius, vol. 14, nos. 6(318)-7(319), Mar.-Apr. 1962. [In Lithuanian]

UKRAINA [THE UKRAINE]. Published by Vydavnytstvo "Radians'ka Ukraina" [Publishing House "Soviet Ukraine"]. Kiev, nos. 2(305), 6(309), Jan., Mar 1962.

URAL'SKII SLEDOPYT [URAL PATHFINDER]. Issued by Sverdlovskoe otdelenie Soiuza pisatelei and Sverdlovskii obkom VLKSM [Sverdlovsk Branch of the Association of Writers and the Sverdlovsk Province Comittee of the All-Union Communist Youth League of Lenin]. Sverdlovsk, no. 2, Feb. 1962.

UZBEKISTON [UZBEKISTAN]. Tashkent, vol. 21, nos. 1(241)-2(242), Jan.-Feb. 1962.

V'ETNAM [VIETNAM]. Hanoi, Vietnam, nos. 1(52)-3(53), 1962.

VOZHYK [HEDGEHOG]. Issued by TSentral'ny kamitet Komunistychnai partyi Belarusi [Central Committee of the Communist Party of White Russia]. Minsk, vol. 22, nos. 4(530)-5(531), Jan.-Feb. 1962.

VSESVIT. THE WORLD. Issued by Spilka pys'mennykiv Ukrainy and Ukrains'ke tovarystvo druzhby i kul'turnoho zv'iazku z zarubizhnymy krainamy [Association of Writers of the Ukraine and the Ukrainian Society for Friendship and Cultural Relations with Foreign Countries]. Kiev, vol. b, no. 3(45), Apr. 1962.

ZVAIGZNE [THE STAR]. Riga, nos. 6(280)-7(281), Mar.-Apr. 1962. [In Latvian]

2. BIBLIOGRAPHY

a. BIBLIOGRAPHY

AKADEMIIA NAUK SSSR. Biblioteka. Trudy Biblioteki Akademii nauk SSSR i Fundamental'noi biblioteki obshchestvennykh nauk AN SSSR [ACADEMY OF SCIENCES OF THE U. S. S. R. Library. Transactions of the Library of the Academy of Sciences of the U. S. S. R. and of the Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.] Moscow, vol. 5, 1961.

BIBLOS; ZHURNAL UKRAINS'KOI BIBLIOGRAFII [JOURNAL OF UKRAINIAN BIBLIOGRAPHY]. New York, vol. 8, nos. 4(84)-5(85), Apr.-May 1962.

INFORMATSIONNYI UKAZATEL' BIBLIOGRAFICHESKIKH SPISKOV I KARTOTEK, SOSTAVLENNYKH BIBLIOTEKAMI SOVETSKOGO SOIUZA [INFORMATION INDEX OF BIBLIOGRAPHICAL LISTS AND CARD FILES, COMPILED BY THE LIBRARIES OF THE SOVIET UNION]. Issued by Gosudarstvennaia biblioteka SSSR [State Library of the U. S. S. R.]. Moscow, vol. 6, no. 2, Feb. 1962.

KNIZHNAIA LETOPIS' [BOOK CHRONICLE] Issued by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, nos 13-14, 1962
——— ——— ——— Dopolnitel'nyi vypusk [Supplementary Issue], nos. 1-3, 1962.

LATVIJAS PSR PRESES HRONIKA LETOPIS' PECHATI LATVIISKOI SSR [CHRONICLE OF PUBLICATIONS OF THE LATVIAN S. S. R.]. Issued by Latvijas PSR gramatu palata [Book Chamber of the Latvian S. S. R.] Riga, no. 12, Dec. 1961, no. 1, Jan. 1962

LETOPIS' ZHURNAL'NYKH STATEI [CHRONICLE OF PERIODICAL ARTICLES]. Published by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, nos. 12-14, 1962 Vspomogatel'nye ukazateli k nos. 40-52 za 1961 god [Indexes to nos. 40-52 for 1961]

MIROVOI TSENTR DANNYKH MGG B1. Bibliograficheskii ukazatel' [IGY WORLD DATA CENTER B 1. Bibliography]. Moscow, no. 4, Pt. 2., Dec. 1960.

MOSCOW. PUBLICHNAIA BIBLIOTEKA. Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V. I. Lenina. Seriia 1 Fiziko-matematicheskie, khimicheskie i geologo-geograficheskie nauki, tekhnika i tekhnicheskie nauki [PUBLIC LIBRARY. Information Bulletin of New Foreign Books, Received by the Lenin Library. Series 1: Physical, Mathematical, Chemical, Geological and Geographical Sciences, Technology and Technological Sciences]. Vol. 7, nos. 7, 9, 10, Mar.-Apr. 1962.

MOSCOW. PUBLICHNAIA BIBLIOTEKA. Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V. I. Lenina. Seriia 2. Biologicheskie, meditsinskie i sel'skokhoziaistvennye nauki [PUBLIC LIBRARY. Information Bulletin of New Foreign Books, Received by the Lenin Library. Series 2. Biological, Medical, and Agricultural Sciences]. Vol. 5, nos. 6, 9, 10, Mar.-Apr. 1962.

MOSCOW. PUBLICHNAIA BIBLIOTEKA. Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V. I. Lenina. Seriia 3 Obshchestvennye nauki, khudozhestvennaia literatura, iskusstvo [PUBLIC LIBRARY. Information Bulletin of New Foreign Books, Received by the Lenin Library, Series 3 Social Sciences, Belles-Lettres, Art]. Vol. 5, nos. 6, 9, Mar. 1962.

NOVAIA LITERATURA O NAUKE I NAUCHNO-ISSLEDOVATEL'SKOI RABOTE ZA RUBEZHOM [NEW LITERATURE ON SCIENCE AND RESEARCH ABROAD]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 12, 1961.

NOVAIA LITERATURA PO EVROPEISKIM STRANAM NARODNOI DEMOKRATII VENGRIIA [NEW LITERATURE ON EUROPEAN PEOPLE'S DEMOCRACIES HUNGARY]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 7/12, 1961.

NOVAIA SOVETSKAIA I INOSTRANNAIA LITERATURA PO STRANAM ZARUBEZHNOGO VOSTOKA [NEW SOVIET AND FOREIGN LITERATURE ON THE COUNTRIES OF THE NON-SOVIET EAST]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.]. Moscow, nos. 11-12, 1961.

NOVAIA SOVETSKAIA LITERATURA PO NAUKE I NAUCHNO-ISSLEDOVATEL'SKOI RABOTE V SSSR [NEW SOVIET LITERATURE ON SCIENCE AND GENERAL RESEARCH IN THE U. S. S. R.]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 12, 1961.

NOVYE KNIGI [NEW BOOKS]. Issued by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, nos. 11-14, Mar.-Apr. 1962.

NOVYE KNIGI ZA RUBEZHOM PO OBSHCHESTVENYM NAUKAM, ekonomika, filosofiia, istoriia, mezhdunarodnye otnoshenila [NEW FOREIGN BOOKS ON THE SOCIAL SCIENCES, Economics, Philosophy, History, International Relations]. Published by Izdatel'stvo inostrannoi literatury [Publishing House of Foreign Literature]. Moscow, vol. 5, no. 3, Mar. 1962

V MIRE KNIG [IN THE WORLD OF BOOKS]. Organ of Ministerstva kul'tury SSSR i RSFSR [Ministries of Culture of the U. S. S. R. and the R. S. F. S. R.] Moscow, vol. 2, nos. 2-3, Feb.-Mar. 1962

c. PRINTING & THE BOOK TRADE

POLIGRAFICHESKOE PROIZVODSTVO [PRINTING INDUSTRY]. Organ of Ministerstvo kul'tury SSSR [Ministry of Culture of the U. S. S. R.]. Moscow, no. 2, Feb. 1962

REFERATIVNYI ZHURNAL. OTDEL'NYI VYPUSK 37 OBORUDOVANIE I TEKHNOLOGIIA POLIGRAFICHESKOGO PROIZVODSTVA [JOURNAL OF ABSTRACTS. SEPARATE ISSUE 37 EQUIPMENT AND TECHNOLOGY OF THE PRINTING INDUSTRY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, nos. 1-6, Jan.-Mar. 1962.

SOVETSKAIA KNIZHNAIA TORGOVLIA [SOVIET BOOK TRADE]. Organ of Ministerstvo kul'tury SSSR and TSentral'nyi soiuz potrebitel'skikh obshchestv SSSR [Ministry of Culture of the U. S. S. R. and the Central Union of Consumers Societies of the U. S. S. R.]. Moscow, vol. 14, no. 3, Mar. 1962

3. PHILOSOPHY & RELIGION

a. PHILOSOPHY

NOVAIA INOSTRANNAIA LITERATURA PO FILOSOFII [NEW FOREIGN LITERATURE ON PHILOSOPHY]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.]. Moscow, nos. 11-12, 1961

NOVAIA SOVETSKAIA LITERATURA PO FILOSOFII [NEW SOVIET LITERATURE ON PHILOSOPHY]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 12, 1961.

b. RELIGION

DUKHOVNOE PROBUZHDENIE [SPIRITUAL AWAKENING]. Helsinki, vol. 11, nos. 3-4, 1962.

ORTHODOX EASTERN CHURCH, RUSSIAN. Patriarch. Zhurnal Moskovskoi Patriarkhii [Journal of the Moscow Patriarchate] Moscow, no. 12, Dec. 1961.

ROSSIIA I VSELENSKAIA TSERKOV' [RUSSIA AND THE UNIVERSAL CHURCH]. Bruxelles, no. 1(54), Jan.-Feb. 1962.

RUSSKO-AMERIKANSKII PRAVOSLAVNYI VESTNIK. THE RUSSIAN AMERICAN ORTHODOX MESSENGER. Organ of Mitropolichii okrug Russkoi Pravoslavnoi TSerkvi v Amerike [Metropolitanate of the Russian Orthodox Church in America]. New York, vol. 58, no. 4, Apr. 1962.

SVITLO. THE LIGHT. Issued by OO. Vasyliany [The Basilian Fathers]. Toronto, vol. 25, no. 5(173), May 1962.

TSERKOVNYI VESTNIK [CHURCH HERALD]. Organ of Pravoslavnaia tserkov' v Pol'she [Orthodox Church in Poland]. Warsaw, vol. 9, no. 1, Jan. 1962.

UKRAINS'KE PRAVOSLAVNE SLOVO. UKRAINIAN ORTHODOX WORD. Organ of the Ukrainian Orthodox Church of the United States of America, South Bound Brook, N. J., vol. 13, nos. 4-5, Apr.-May 1962.

VECHNOE [THE ETERN. L]. Paris, nos. 3(171)-4(172), Mar.-Apr. 1962.

VOIOVNYCHYI ATEIST [MILITANT ATHEIST]. Issued by Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR [Society for Dissemination of Political and Scientific Knowledge of the Ukrainian S. S. R.]. Kiev, no. 11, Nov. 1961, no. 3, Mar. 1962.

WESTERN EUROPE (Exarchate). Vestnik Russkogo zapadno-evropeiskogo patriarshego ekzarkhata [Messenger of the Russian West European Patriarchal Exarchate]. Paris, no. 11, July 1952; no. 16, Oct. 1953.

4. HISTORY

a GENERAL

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata, Institut istorii, arkheologii i etnografii. Trudy [ACADEMY OF SCIENCES OF THE KAZAKH S.S.R. Institute of History, Archeology, and Ethnography. Transactions] Alma-Ata, vol 11, 1961

AKADEMIIA NAUK SSSR. Institut istorii. Vestnik drevnei istorii [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of History. Review of Ancient History] Moscow, no. 1(79), 1962

AKADEMIIA NAUK SSSR. Institut narodov Azii. Kratkie soobshcheniia [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of the Peoples of Asia. Brief reports] Moscow, no. 52, 1962

ISTORIIA SSSR [HISTORY OF THE U.S.S.R.] Issued by Institut istorii Akademii nauk SSSR [Institute of History of the Academy of Sciences of the U.S.S.R.], Moscow, vol 6, nos 1-2, Jan.-Apr. 1962

KALENDAR' ZNAMENATEL'NYKH I PAMIATNYKH DAT [CALENDAR OF SIGNIFICANT AND MEMORABLE DATES] Issued by Izdatel'stvo "Sovetskaia Rossiia" and Gosudarstvennaia publichnaia istoricheskaia biblioteka RSFSR [Soviet Russia" Publishing House and the State Public Historical Library of the R.S.F.S.R.] Moscow, vol 7, nos 3-4, Mar.-Apr. 1962

KODU-UURIMISE TEATEID [REVIEW OF REGIONAL STUDIES] Issued by Eesti NSV Teaduste Akadeemia Kodu-Uurimise Komisjon [Committee on Regional Studies of the Academy of Sciences of the Estonian S.S.R.], Tallinn, no. 2, 1960, no. 3, 1961. [In Estonian]

NARODY AZII I AFRIKI, istoriia, ekonomika, kul'tura [PEOPLES OF ASIA AND AFRICA, History, Economics, Culture]. Issued by Institut narodov Azii and Institut Afriki Akademii nauk SSSR [Institute of the Peoples of Asia and Institute of Africa of the Academy of Sciences of the U.S.S.R.] No. 1, 1962

NOVAIA I NOVEISHAIA ISTORIIA [MODERN AND RECENT HISTORY] Issued by Institut istorii Akademii nauk SSSR [Institute of History of the Academy of Sciences of the U.S.S.R.], Moscow, no. 6, 1961

NOVAIA INOSTRANNAIA LITERATURA PO ISTORII, ARKHEOLOGII I ETNOGRAFII [NEW FOREIGN LITERATURE ON HISTORY, ARCHAEOLOGY, AND ETHNOGRAPHY] Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.], Moscow, no 12, 1961.

NOVAIA SOVETSKAIA LITERATURA PO ISTORII, ARKHEOLOGII I ETNOGRAFII [NEW SOVIET LITERATURE ON HISTORY, ARCHAEOLOGY, AND ETHNOGRAPHY]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.], Moscow, no. 12, 1961.

OBSHCHESTVO RUSSKIKH VETERANOV VELIKOI VOINY, San Francisco. Vestnik [SOCIETY OF RUSSIAN VETERANS OF THE GREAT WAR. Herald], San Francisco, no. 183, Mar. 1949, no. 186, Dec. 1951, nos. 187, 189—191, 193, Jan., May, July, Sept., Dec., nos. 194—196, Feb., Apr., Aug., 1953, no. 197, Mar. 1954, no. 221, Oct. 1962.

VOPROSY ISTORII [PROBLEMS OF HISTORY]. Issued by Otdelenie istoricheskikh nauk Akademii nauk SSSR [Department of History of the Academy of Sciences of the U.S.S.R.], Moscow, no. 4, Apr. 1962.

b ARCHAEOLOGY & ANTIQUITIES

AKADEMIIA NAUK SSSR. Institut arkheologii. Kratkie soobshcheniia o dokladakh i polevykh issledovaniiakh [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Archaeology. Brief Summaries of Reports and Field Explorations]. Moscow, no 83, 1961.

MATERIALY I ISSLEDOVANIIA PO ARKHEOLOGII SSSR [MATERIALS AND RESEARCH IN THE ARCHAEOLOGY OF THE U.S.S.R.]. Issued by Institut arkheologii Akademii nauk SSSR [Institute of Archaeology of the Academy of Sciences of the U.S.S.R.], Moscow, no 102, 1962.

5. SOCIAL SCIENCES

a COMMERCE

NOVYE TOVARY, informatsionnyi biulleten' [NEW CONSUMER GOODS, Information Bulletin]. Moscow, no 3, 1962.

SOVETSKAIA TORGOVLIA [SOVIET COMMERCE] Organ of Ministerstvo torgovli RSFSR [Ministry of Commerce of the R.S.F.S.R.] Moscow, vol 35, no 3, Mar. 1962.

TORGOVLIA ZA RUBEZHOM, organizatsiia, novye metody, tekhnika torgovli i massovogo pitaniia [TRADE ABROAD; Organization, New Methods, and Equipment of Trade and Public Food Service]. Moscow, no. 2, 1962.

*VNESHNIAIA TORGOVLIA [FOREIGN TRADE] Organ of Ministerstvo vneshnei torgovli SSSR [Ministry of Foreign Commerce of the U.S.S.R.]. Moscow, vol. 42, no 3, 1962.

b. ECONOMICS

EKONOMIKA RADIANS'KOI UKRAINY [ECONOMICS OF THE SOVIET UKRAINE], Issued by Instytut ekonomiky Akademii nauk URSR [Institute of Economics of the Academy of Sciences of the Ukrainian S.S.R.], Kiev, no. 4, July.-Aug. 1961; no 1, Jan.-Feb. 1962.

MIROVAIA EKONOMIKA I MEZHDUNARODNYE OTNOSHENIIA [WORLD ECONOMICS AND INTERNATIONAL RELATIONS] Issued by Institut mirovoi ekonomiki i mezhdunarodnykh otnoshenii Akademii nauk SSSR [Institute of World Economics and International Relations of the Academy of Sciences of the U.S.S.R.] Moscow, no. 1, Apr. 1962.

NARODNOE KHOZIAISTVO ARMENII [THE NATIONAL ECONOMY OF ARMENIA], Issued by Gosplan Soveta Ministrov Armianskoi SSR [State Planning Commission of the Council of Ministers of the Armenian S.S.R.], Erivan, no. 6, 1961, no. 1, 1962.

NOVAIA INOSTRANNAIA EKONOMICHESKAIA LITERATURA [NEW FOREIGN ECONOMIC LITERATURE]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.], Moscow, no. 12, 1961.

NOVAIA SOVETSKAIA EKONOMICHI'SKAIA LITERATURA [NEW SOVIET ECONOMIC LITERATURE]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.], Moscow, nos. 1-6, 1962.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Nauchnye doklady vysshei shkoly, ekonomicheskie nauki [Ministry of Higher and Secondary Specialized Education. Research Papers of Higher Schools, Economics], Moscow, vol. 5, no 1, 1962.

SOVETSKAIA POTREBITEL'SKAIA KOOPERATSIIA [SOVIET CONSUMER COOPERATION]. Issued by TSentral'nyi soiuz potrebitel'skikh obshchestv SSSR [Central Union of Consumers Societies of the U.S.S.R.], Moscow, vol. 6, no 3, Mar. 1962

VESTNIK STATISTIKI [STATISTICAL REVIEW]. Organ of TSentral'noe statisticheskoe upravlenie SSSR [Central Statistical Administration of the U.S.S.R.]. Moscow, no. 4, 1962

VOPROSY EKONOMIKI [PROBLEMS OF ECONOMICS]. Issued by Institut ekonomiki Akademii nauk SSSR [Institute of Economics of the Academy of Sciences of the U.S.S.R.], Moscow, no 3, Mar. 1962.

c. FINANCE

DEN'GI I KREDIT [MONEY AND CREDIT]. Published by Gosudarstvennyi bank SSSR [U.S.S.R. State Bank], Moscow, vol. 20, no. 3, Mar. 1962.

FINANSY SSSR [FINANCE OF THE U.S.S.R.]. Issued by Ministerstvo finansov SSSR [Ministry of Finance of the U.S.S.R.], Moscow, vol 23, no. 3, Mar. 1962.

d LABOR

BEZOPASNOST' TRUDA V PROMYSHLENNOSTI [INDUSTRIAL SAFETY]. Organ of Komitet po nadzoru za bezopasnym vedeniem rabot v promyshlennosti i gornomu nadzoru pri Sovete Ministrov RSFSR [Committee for Safety Inspection in Industry and Mining, Attached to the Council of Ministers of the R.S.F.S.R.], Moscow, vol. 6, no. 3, Mar. 1962.

BIULLETEN' NAUCHNOI INFORMATSII [TRUDOVAIA BOTNAIA PLATA [BULLETIN OF SCIENTIFIC INFORMATION. LABOR AND WAGES]. Issued by Nauchno-issledovatel'skii institut truda Gosudarstvennogo komiteta Soveta Ministrov SSSR po voprosam truda i zarabotnoi platy [Labor Scientific Research Institute of the State Committee of the Council of Ministers of the U.S.S.R. for Labor and Wages], Moscow, vol. 5, no. 3, 1962.

SOTSIALISTICHESKII TRUD [SOCIALIST LABOR] Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po voprosam truda i zarabotnoi platy [State Committee of the Council of Ministers of the U.S.S.R. for Labor and Wage Problems]. Moscow, vol 7, no 3, Mar. 1962

SOVETSKIE PROFSOIUZY [SOVIET TRADE UNIONS]. Issued by Vsesoiuznyi TSentral'nyi Sovet Professional'nykh Soiuzov [All-Union Central Council of Trade Unions], Moscow, vol. 18, nos. 3(217) 7(221) Feb.-Apr. 1962.

VSEMIRNOE PROFSOIUZNOE DVIZHENIE [WORLD TRADE-UNION MOVEMENT]. Organ of Vsemirnaia federatsiia profsoiuzov [World Federation of Trade Unions], Moscow, nos. 2-3, Feb.-Mar. 1962

VSESOIUZNYI TSENTRAL'NYI SOVET PROFESSIONAL'NYKH SOIUZOV. Biulleten' [ALL-UNION CENTRAL COUNCIL OF TRADE UNIONS. Bulletin]. Moscow, nos. 1-24, Jan.-Dec. 1949.

e. SOCIOLOGY

KAZACH'IA ZHIZN' [COSSACK LIFE]. Issued by Vtoroi otdel Kazach'e-amerikanskogo natsionalnogo soiuza [Second Division of the Cossack American National Alliance, Inc.], Providence, R.I., vol. 10, no. 3, Mar. 1962.

KAZAKSTAN ÉIELDERI [KAZAKHSTAN WOMAN] Alma-Ata, no. 4, Mar. 1962. [In Kazakh]

KLUB [THE CLUB]. Organ of Vsesoiuznyi TSentral'nyi Sovet Professional'nykh Soiuzov [All-Union Central Council of Trade Unions] Moscow, vol 11, no 4, Feb 1962

KOMSOMOL'SKAIA ZHIZN' [LIFE OF COMMUNIST YOUTH] Issued by TSentral'nyi Komitet Vsesoiuznogo Leninskogo Kommunisticheskogo Soiuza Molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, nos 1-8, Mar., April, 1962.

KYRGYZSTAN AIALDARY [KIRGHIZSTAN WOMAN] Frunze, vol. 12, no. 1(93), Jan. 1962. [In Kirghiz]

NASH SVIT. OUR WORLD. Published by "Smoloskyp" and Association of American Ukrainians, and the Ukrainian Economic Advisory Association, Inc. New York, vol. 3(12), no. 7(98), Sep. 1961.

NASHE ZHYTTIA. OUR LIFE. Issued by Soiuz ukrainok Ameryky [Ukrainian National Women's League of America, Inc.], Philadelphia, vol. 18, no. 8, 11, Dec. 1961, vol. 19, nos. 4-5, Apr.-May 1962

PADOMJU LATVIJAS SIEVIETE [WOMAN OF SOVIET LATVIA]. Issued by Latvijas komunistiskas partijas Centrala komiteja [Central Committee of the Communist Party of Latvia], Riga, no. 3(115), Mar. [In Latvian]

RADIANS'KA ZHINKA [SOVIET WOMAN]. Issued by Ukrains'ka respublikans'ka rada profesiinykh spilok and Spilka radians'kykh pys'mennykiv Ukrainy [Ukrainian Republican Council of Trade Unions and the Association of Soviet Writers of the Ukraine] Kiev, vol. 17, nos. 3(195)-4(196), Mar.-Apr. 1962

RUSSKII VESTNIK. RUSSIAN HERALD. Published by Russian Consolidated Mutual Aid Society of America, New York, no. 307, Feb.-Mar. 1962.

SMENA [THE YOUNGER GENERATION]. Organ of Tsentral'nyi komitet Vsesoiuznogo Leninskogo Kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin], Moscow, vol. 39, no. 6, Mar. 1962.

SOTSIAL'NOE OBESPECHENIE [SOCIAL SECURITY] Issued by Ministerstvo sotsial'nogo obespecheniia RSFSR [Ministry of Social Security of the R.S.F.S.R.] Moscow, vol. 23, no. 3, Mar. 1962.

SOVET TURKMENISTANYNYN AIALLARY [SOVIET TURKMENISTAN WOMAN]. Organ of TsK KP Turkmenistana [Central Committee of the Communist Party of Turkmenistan], Ashkhabad, no. 1(103), Jan. [In Turkmen]

SOVETSKAIA ZHENSHCHINA [SOVIET WOMAN]. Organ of Komitet sovetskikh zhenshchin and Vsesoiuznyi TSentral'nyi Sovet Professional'nykh Soiuzov [Committee of Soviet Women and the All-Union Central Council of Trade Unions] Moscow, vol. 18, no. 1, 1962.

SOVETSKII KRASNYI KRIEST [SOVIET RED CROSS]. Organ of Ispolnitel'nyi komitet Soiuza obshchestv Krasnogo Kresta i Krasnogo polumesiatsa SSSR [Executive Committee of the Association of Societies of the Red Cross and Red Crescent of the U.S.S.R.] Moscow, vol. 11, no. 1(58), July-Aug. 1961

TARYBINE MOTERIS [SOVIET WOMAN] Issued by Lietuvos komunistu partijos Centro komitetas [Central Committee of the Communist Party of Lithuania]. Vilnius, no. 3(123), Mar. 1962. [In Lithuanian]

ZMENA [THE YOUNGER GENERATION]. Issued by TSentral'nyi Komitet Leninskoho Komunistychnoho soiuzu molodi Ukrainy [Central Committee of the Ukrainian Communist Youth League of Lenin]. Kiev, nos. 3(108)-4(109), Mar.-Apr. 1962.

6. POLITICAL SCIENCE

AGITATOR [AGITATOR]. Issued by TSentral'nyi Komitet Kommunisticheskoi partii Sovetskogo Soiuza [Central Committee of the Communist Party of the Soviet Union]. Moscow, no. 8, April 1962

CHASOVOI [THE SENTRY]. Organ of Rossiiskoe natsional'noe dvizhenie [Russian National Movement]. Brussels, no. 191(4), Apr. 1962.

EESTI KOMMUNIST [COMMUNIST OF ESTONIA]. Issued by Eestimaa Kommunistlike Partei Keskkomitee [Central Committee of the Communist Party of Estonia]. Tallinn, vol. 18, no. 3, Mar. 1962. [In Estonian]

KAMUNIST BELARUSI [COMMUNIST OF WHITE RUSSIA]. Issued by TSentral'ny Kamitet Kamunistychnai partyi Belarusi [Central Committee of the Communist Party of White Russia]. Minsk, vol. 36, no. 2, Feb. 1962.

KOMMUNIST [COMMUNIST]. Issued by TSentral'nyi Komitet Kommunisticheskoi partii Litvy [Central Committee of the Communist Party of Lithuania]. Vilnius, vol. 14, no. 3(453), Mar. 1962.

KOMMUNIST [COMMUNIST]. Organ of the Central Committee of the Communist Party of Kirghizia. Frunze, *vol. 36, no. 2-3, Feb.-Mar. 1962. [In Kirghiz]*

KOMMUNIST [COMMUNIST]. Organ of TSentral'nyi Komitet Kommunisticheskoi partii Sovetskogo Soiuza [Central Committee of the Communist Party of the Soviet Union] Moscow, vol 38, no. 5, Mar. 1962, vol. 39, nos. 6-7, Apr.-May 1962.

KOMMUNIST ESTONII [COMMUNIST OF ESTONIA]. Issued by TsK Kompartii Estonii [Central Committee of the Communist Party of Estonia]. Tallinn, vol. 18, *no. 2, Feb. 1962.*

KOMMUNIST MOLDAVII [COMMUNIST OF MOLDAVIA]. Issued by TSentral'nyi komitet Kommunisticheskoi partii Moldavii [Central Committee of the Communist Party of Moldavia]. Kishinev, vol. 1, no. 2, Feb. 1962.

KOMMUNIST UKRAINY [COMMUNIST OF THE UKRAINE]. Issued by TSentral'nyi komitet Komunistychnoi partii Ukrainy [Central Committee of the Communist Party of the Ukraine]. Kiev, vol. 37, nos 2-3, Feb.-Mar. 1962.

KOMMUNIST UZBEKISTANA [COMMUNIST OF UZBEKISTAN]. Issued by TSentral'nyi komitet Kommunisticheskoi partii Uzbekistana [Central Committee of the Communist Party of Uzbekistan]. Tashkent, vol. 34, nos. 1-2, Jan.-Feb. 1962

KOMMUNISTI TOCHIKISTON [COMMUNIST OF TAJIKISTAN]. Issued by the Central Committee of the Communist Party of Tajikistan. Dushanbe, vol. 27, no. 3, Mar. 1962. [In Tajik]

KOMUNISTAS [COMMUNIST]. Issued by Lietuvos komunistu partijos Centro komitetas [Central Committee of the Communist Party of Lithuania]. Vilnius, nos. 1(451)-3(453), Jan.-Feb. 1962. [In Lithuanian]

LENINIAN UGIOV [LENIN'S WAY]. Issued by TSentral'nyi komitet Kommunisticheskoi partii Armenii [Central Committee of the Communist Party of Armenia]. Erivan, vol. 30, no 2, Feb. 1962. [In Armenian]

MOLODOI KOMMUNIST [THE YOUNG COMMUNIST]. Organ of TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, nos. 3-4, Mar. Apr 1962.

MOSCOW Ispolnitel'nyi komitet Bulleten' [Executive Committee. Bulletin] No 2(188), Jan. 1962.

NOVOE VREMIA [NEW TIMES]. Moscow, vol 20, nos. 13(879)-14(880), Mar.-Apr 1962

PADOMJU LATVIJAS KOMUNISTS [COMMUNIST OF SOVIET LATVIA] Issued by Latvijas komunistiskas partijas Centrala komiteja [Central Committee of the Communist Party of Latvia] Riga, vol. 17, nos. 3-4, Mar.-Apr. 1962. [In Latvian]

PARTIA TURMUSHI [PARTY LIFE]. Issued by TSentral'nyi Komitet Kommunisticheskoi partii Uzbekistana [Central Committee of the Communist Party of Uzbekistan]. Tashkent, nos. 1-3, Jan.-Mar. 1962, [In Uzbek]

PARTIINAIA ZHIZN' [PARTY LIFE]. Issued by TSentral'nyi Komitet Kommunisticheskoi partii Sovetskogo Soiuza [Central Committee of the Communist Party of the Soviet Union] Moscow, nos. 7-8, Apr. 1962

POLITICHESKOE SAMOOBRAZOVANIE [POLITICAL SELF-EDUCATION]. Issued by TSentral'nyi komitet Kommunisticheskoi partii Sovetskogo Soiuza [Central Committee of the Communist Party of the Soviet Union] Moscow, vol. 6, no. 3, Mar 1962.

PROBLEMY MIRA I SOTSIALIZMA [PROBLEMS OF PEACE AND SOCIALISM]. Prague, vol. 5, no. 4(44), Apr. 1962.

RUSSIA (1917- R.S.F.S.R.) Verkhovnyi Sovet. Vedomosti [Supreme Soviet. Gazette]. Moscow, no. 12(182), Mar. 1962.

RUSSIA (1923- U.S.S.R.) Verkhovnyi Sovet. Vedomosti [Supreme Soviet. Gazette]. Moscow, vol. 25, nos. 14(1101)-15(1102), Apr. 1962.

SOTSIALISTICHESKII VESTNIK. THE SOCIALIST COURIER. Organ of Rossiiskaia sotsial'-demokraticheskaia rabochaia partiia [Russian Social Democratic Workers' Party]. New York, vol. 42, no. 3/4(763/764), Mar.-Apr. 1962.

SOVETY DEPUTATOV TRUDIASHCHIKHSIA [SOVIETS OF WORKERS' DEPUTIES] Issued by gazeta [newspaper] "Izvestiia." Moscow, no. 3, Mar. 1962.

SVOBODA [FREEDOM]. Issued by TSentral'noe ob"edinenie politicheskikh emigrantov iz SSSR [Central Association of Political Refugees from the U.S.S.R.]. Munich, vol. 11, no. 4(118), Apr. 1962.

TÜRKMENISTAN KOMMUNISTI [COMMUNIST OF TURKMENISTAN]. Organ of the Central Committee of the Communist Party of Turkmenistan. Ashkhabad, nos. 2-3, Feb.-Mar. 1962. [In Turkmen]

UKRAINS'KYI SAMOSTIINYK [UKRAINIAN INDEPENDENT]. Munich, vol. 13, no. 2(448), Feb. 1962.

UZBEKISTON KOMMUNISTI [COMMUNIST OF UZBEKISTAN]. Issued by the Central Committee of the Communist Party of Uzbekistan. Tashkent, vol. 34, no. 3, Mar. 1962. [In Uzbek]

VISNYK. THE HERALD. Organ of Organizatsiia oborony chotyr'okh svobid Ukrainy [Organization for Defense of the Four Freedoms for the Ukraine, Inc.] New York, vol. 16, no. 4(162), Apr. 1962.

ZNAMIA ROSSII. Organ russkoi nezavisimoi monarkhicheskoi mysli [THE BANNER OF RUSSIA. Organ of Russian Independent Monarchistic Thought]. New York, no. 182, Jan. 1959; no. 220, Apr. 1962.

7. LAW

RU[illegible]

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, pravovedenie [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Jurisprudence]. Moscow, vol 6, no. 1, 1962

SOVETSKAIA IUSTITSIIA [SOVIET JUSTICE]. Issued by Ministerstvo iustitsii and Verkhovnyi Sud RSFSR [Ministry of Justice and the Supreme Court of the R.S.F.S.R.]. Moscow, no. 24, Dec. 1961.

SOVETSKOE GOSUDARSTVO I PRAVO [SOVIET STATE AND LAW]. Organ of Institut gosudarstva i prava Akademii nauk SSSR [Institute of State and Law of the Academy of Sciences of the U.S.S.R.]. Moscow, vol. 32, nos. 3-4, Mar.-Apr. 1962.

8. EDUCATION

a. GENERAL

AKADEMIIA PEDAGOGICHESKIKH NAUK RSFSR. Moscow Doklady [ACADEMY OF PEDAGOGICAL SCIENCES OF THE R.S.F.S.R. Reports] Moscow, vol 5, nos. 4, 6, 1961.

AKADEMIIA PEDAGOGICHESKIKH NAUK RSFSR, Moscow, Izvestiia [ACADEMY OF PEDAGOGICHE SCIENCES OF THE R.S.F.S.R. Bulletin]. Moscow, no 116, 1961
Contents Petrova, E.N., Morozova, M. IA [Elements of morphology in primary grades] Elementy morfologii v nachal'nykh klassakh 113 p.

AZERBAICHAN MEKTEBI [AZERBAIJANI SCHOOLS]. Organ of the Ministry of Education of the Azerbaijan S.S.R. Baku, nos. 1-2, Jan.-Feb. 1962. [In Azerbaijani]

DOSHKOL'NOE VOSPITANIE [PRESCHOOL EDUCATION]. Issued by Ministerstvo prosveshchenila RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, vol. 35, nos. 3-4, Mar.-Apr 1962

KUL'TURNO-PROSVETITEL'NAIA RABOTA [CULTURAL AND EDUCATIONAL WORK]. Organ of Ministerstvo kul'tury RSFSR [Ministry of Culture of the R.S.F.S.R.]. Moscow, vol 23, no. 3, Mar. 1962.

NACHAL'NAIA SHKOLA [PRIMARY SCHOOL] Organ of Ministerstvo prosveshchenila RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, vol. 30, no. 4, Apr. 1962.

NOUKOGUDE KOOL [SOVIET SCHOOL]. Issued by Eesti Noukogude Sotsialistliku Vabariigi Haridusministeerium [Ministry of Education of the Estonian S.S.R.]. Tallin, vol. 20, no. 4, Apr. 1962. [In Estonian]

PADOMJU LATVIJAS SKOLA [THE SCHOOL IN SOVIET LATVIA]. Issued by LPSR Izglitibas ministrija [Ministry of Education of the Latvian S.S.R.]. Riga, no. 3, Mar. 1962. [In Latvian]

RADIANS'KA SHKOLA [SOVIET SCHOOL]. Organ of Ministerstvo osvity Ukrains'koi RSR [Ministry of Education of the Ukrainian S.S.R.]. Kiev, vol 40, no 3, Mar. 1962.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Biulleten' [Ministry of Higher and Secondary Specialized Education. Bulletin]. Moscow, no. 3, Mar. 1962.

SHKOLA I PROIZVODSTVO [SCHOOL AND PRODUCTION]. Issued by Ministerstvo prosveshchenila RSFSR po voprosam trudovogo vospitaniia politekhnicheskogo i proizvodstvennogo obrazovaniia [Ministry of Education of the R.S.F.S.R. on Problems in Labor Training Through the System of Polytechnic and Industrial Education]. Moscow, vol 6, no. 1, Jan 1962.

SREDNEE SPETSIAL'NOE OBRAZOVANIE [SECONDARY SPECIALIZED EDUCATION] Organ of Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia SSSR [Ministry of Higher and Secondary Specialized Education of the U.S.S.R.]. Moscow, vol. 9, nos. 2-3, Feb.-Mar 1962.

TARYBINE MOKYKLA [SOVIET SCHOOL]. Issued by Lietuvos TSR Svietimo ministerija [Ministry of Education of the Lithuanian S.S.R.]. Vilnius, no. 3, Mar. 1962. [In Lithuanian]

VESTNIK VYSSHEI SHKOLY [REVIEW OF SCHOOLS FOR HIGHER EDUCATION]. Organ of Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia SSSR [Ministry of Higher and Secondary Specialized Education of the U.S.S.R.] Moscow, vol. 20, no. 2, 1962

VOZHATYI [PIONEER GUIDE]. Published by TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi and TSentral'nyi sovet Vsesoiuznoi pionerskoi organizatsii imeni V.I. Lenina [Central Committee of the All-Union Communist Youth League of Lenin and the Central Council of the All-Union Lenin Pioneers]. Moscow, vol. 38, nos. 2-3, Feb.-Mar. 1962.

ZHYTTIA I SHKOLA [LIFE AND SCHOOL]. New Haven, vol. 8, no. 1/3(59-61), Jan.-Feb. 1962.

8. PHYSICAL EDUCATION & GAMES

FIZKUL'TURA I SPORT [PHYSICAL EDUCATION AND SPORTS] Organ of Gosudarstvennogo komiteta Soveta Ministrov SSSR po fizicheskoy kul'ture i sportu [State Committee of the Council of Ministers of the USSR for Physical Culture and Sports] Moscow, vol. 35, no. 2(704), Feb. 1963.

KEHAKUL'TUUR [PHYSICAL CULTURE] Organ of Eesti NSV Spordiühingute ja organisatsioonide Liit [Union of Sports Associations and Organizations of the Estonian S.S.R.] Tallinn, no. 5, May 1963. [In Estonian]

LEGKAIA ATLETIKA [TRACK AND FIELD ATHLETICS] Organ of Tsentral'nogo Soveta Vsesoyuznogo dobrovol'nogo Obshchestva Sodeystviya Armii, Aviatsii i Flotu SSSR [Central Council of the Association of Sports Societies and Organizations of the U.S.S.R.] Moscow, vol. 8, no. 2(61), Feb. 1963.

NASTOLNAIA KHUDOZHESTVENNAIA GIMNASTIKA [TABLE ARTISTIC GYMNASTICS] Moscow, no. 1, 1963.

SHAKHMATNYE BYULLETENI [CHESS BULLETIN] Organ of Shakhmatnoy federatsii SSSR [Chess Federation of the U.S.S.R.] Moscow, vol. 17, no. 5, May 1963.

SHAKHMATY V SSSR [CHESS IN THE U.S.S.R.] Organ of Shakhmatnoy federatsii SSSR [Chess Federation of the U.S.S.R.] Moscow, vol. 10, no. 4, May 1963.

SPORTIVNAIA ZHIZN' ROSSII [SPORTS LIFE IN RUSSIA] Organ of Vserossiyskogo soveta fizicheskoy kul'tury i sportivnykh obshchestv [Council of Physical Culture and Sports Societies] and Rossiyskogo komiteta of the Association of Sports Societies and Organizations of the R.S.F.S.R.] Moscow, vol. 6, no. 5, Feb. 1963.

SPORTIVNYE IGRY [ATHLETIC GAMES] Organ of Tsentral'nogo soveta vsesoyuznogo dobrovol'nogo Obshchestva Sodeystviya Armii, Aviatsii i Flotu SSSR [Central Council of the Association of Sports Societies and Organizations of the U.S.S.R.] Moscow, vol. 8, no. 4(63), May 1963.

TEORIIA I PRAKTIKA FIZICHESKOI KUL'TURY [THEORY AND PRACTICE OF PHYSICAL CULTURE] Organ of Tsentral'nogo Soveta Vsesoyuznogo dobrovol'nogo Obshchestva Sodeystviya Armii, Aviatsii i Flotu SSSR [Central Council of the Association of Sports Societies and Organizations of the U.S.S.R.] Moscow, vol. 25, no. 5, May 1963.

9. MUSIC, THEATER & MOTION PICTURES

a. MOTION PICTURES

KINOMEKHANIK [MOTION PICTURE OPERATOR] Organ of Ministerstva kul'tury SSSR [Ministry of Culture of the U.S.S.R.] Moscow, no. 4, May 1963.

SOVETSKII EKRAN [THE SOVIET SCREEN] Publishing House] Moscow, no. 5(179) 0(130), May 1963.

b. MUSIC

MUZYKAL'NAIA ZHIZN' [MUSICAL LIFE] Organ of Soyuz kompozitorov SSSR and Ministerstva kul'tury SSSR [Association of Composers of the U.S.S.R. and the Ministry of Culture of the U.S.S.R.] Moscow, vol. 5, no. 5, May 1963.

SOVETSKAIA MUZYKA [SOVIET MUSIC] Organ of Soyuza kompozitorov SSSR and Ministerstva kul'tury SSSR [Association of Composers of the U.S.S.R. and the Ministry of Culture of the U.S.S.R.] Moscow, vol. 26, no. 4, May 1962.

SVETOTEKHNIKA. PRAKTIKA OSVETITEL'NOI TEKHNIKI [LIGHTING ENGINEERING. PRACTICE OF LIGHTING TECHNOLOGY] Moscow, no. 1, 1961.

c. THEATER

MOLODOY ZRITEL' [YOUNG PEOPLE'S THEATER] Published by "Molodaia gvardiia" [Young Guard] Moscow, no. 2, 1963.

SOLDATSKAIA DUBINKA [SOLDIER'S CLUB] Moscow, no. 2(113), 1963.

LITERATURNYI KIRGIZISTAN [LITERARY KIRGHIZISTAN]. Organ of Soiuz pisatelei Kirgizii [Association of Writers of Kirghizia]. Frunze, vol. 8, no. 1(13), Jan.-Feb. 1962.

LOOMING [CREATIVE WORK]. Issued by Eesti NSV Kirjanike Liit [Association of Writers of the Estonian S. S. R.]. Tallinn, no. 3, Mar. 1962. [In Estonian]

MOKSHA, literaturno-khudozhestvennaI i obshchestvenno-politicheskiI zhurnal [MOKSHA, Literary and Socio-political Almanac]. Saransk, no. 1, Jan.-Feb 1962 [In Mordvinian]

MOLODAIA GVARDIIA, literaturno-khudozhestvennyi i obshchestvenno-politicheskii zhurnal [YOUNG GUARD, Literary and Sociopolitical Magazine]. Issued by TSentral'nyi komitet Vsesoiuznogo leninskogo Kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin] Moscow, no. 3, Mar. 1962.

NA RUBEZHE [AT THE FRONTIER] Issued by Soiuz pisatelei Karel'skoi ASSR [Association of Writers of the Karelian A. S. S. R.]. Petrozavodsk, vol. 23, no 1, Jan.-Feb. 1962.

NISTRUL [DNIESTER RIVER]. Organ of the Association of Soviet Writers of the Moldavian S. S. R. Kishinev, vol. 31, no. 2, 1962. [In Moldavian]

NOVAIA INOSTRANNAIA LITERATURA PO LITERATUROVEDENIIU [NEW FOREIGN LITERATURE ON THE STUDY OF LITERATURE]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.]. Moscow, no 12, 1961.

NOVYI MIR [THE NEW WORLD]. Organ of Soiuz pisatelei SSSR [Association of Writers of the U. S. S. R.]. Moscow, vol. 38, no 3, Mar. 1962.

PERGALE [THE VICTORY]. Issued by Lietuvos TSR Rasytoju Sajunga [Association of Soviet Writers of the Lithuanian S. S. R.]. Vilnius, nos. 1-4, Jan.-Apr. 1962. [In Lithuanian]

POLYMIA [FLAME]. Organ of Soiuz pisatelei BSSR [Association of Writers of the White Russian S.S.R.]. Minsk, vol. 40, no. 3, Mar. 1962.

PRAPOR; literaturno-khudozhnii ta hromads'ko-politychnyi zhurnal [BANNER, Literary and Sociopolitical Magazine]. Issued by Spilka pys'mennykiv Ukrainy [Association of Writers of the Ukraine]. Kharkov, no. 2, Feb. 1962.

PROSTOR [WIDE-OPEN SPACES]. Organ of Soiuz pisatelei Kazakhstana [Association of Writers of Kazakhstan]. Alma-Ata, vol. 28, no. 3, Mar. 1962.

PUNALIPPU [THE RED BANNER]. Issued by the Association of Soviet Writers of the Karelo-Finnish S. S. R. Petrozavodsk, vol. 19, no. 1, 1962. [In Finnish]

SHARK IULDUZI [STAR OF THE EAST]. Organ of the Association of Soviet Writers of Uzbekistan. Tashkent, vol. 30, no. 2, Feb. 1962. [In Uzbek]

SHARKI SURKH [THE RED EAST]. Organ of the Association of Writers of Tajikistan. Dushanbe, no. 2, Feb. 1962. [In Tajik]

SOVIT EDEBIIATY [SOVIET LITERATURE]. Organ of Soiuz sovetskikh pisatelei TSSR [Association of Writers of the Turkmen S. S. R.]. Ashkhabad, no. 3, Mar. 1962. [In Turkmen]

SOVETAKAN GRAKANUTIUN [SOVIET LITERATURE]. Organ of the Association of Soviet Writers of Armenia. Erivan, nos. 1-2, 1962. [In Armenian]

SOVETSKAIA UKRAINA [SOVIET UKRAINE]. Organ of Soiuz sovetskikh pisatelei Ukrainy [Union of Soviet Writers of the Ukraine] Kiev, vol. 12, no. 1, Jan. 1962.

SOVREMENNIK [CONTEMPORARY]. Toronto, no. 5, Apr. 1962.

URAL. Issued by Sverdlovskoe otdelenie Soiuza pisatelei RSFSR [Sverdlovsk Branch of the Association of Writers of the R. S. F. S. R.]. Sverdlovsk, nos. 2-3, Feb.-Mar. 1962.

VITCHYZNA [OUR COUNTRY]. Organ of Spilka pys'mennykiv Ukrainy [Association of Writers of the Ukraine]. Kiev, nos. 3-4, Mar.-Apr. 1962.

VOPROSY LITERATURY [PROBLEMS OF LITERATURE]. Issued by Soiuz pisatelei SSSR and Institut mirovoi literatury Akademii nauk SSSR [Association of Writers of the U. S. S. R. and the Institute of World Literature of the Academy of Sciences of the U. S. S. R.]. Moscow, vol. 6, nos. 1-2, Jan.-Feb. 1962.

VOZROZHDENIE [RENAISSANCE]. Paris, nos. 39-42, 47, Mar.-June, Nov. 1955.

ZHULDYZ [STAR]. Issued by Soiuz sovetskikh pisatelei Kazakhstana [Association of Soviet Writers of Kazakhstan]. Alma-Ata, no. 2, Feb. 1962. [In Kazakh]

ZVEZDA VOSTOKA [STAR OF THE EAST]. Organ of Soiuz pisatelei Uzbekistana [Association of Writers of Uzbekistan]. Tashkent, vol 30, no. 3, Mar. 1962.

12. GEOGRAPHY & GEOLOGY

a. ETHNOLOGY

AKADEMIIA NAUK SSSR. Institut etnografii. Trudy [ACADEMY OF SCIENCES OF THE U. S. S. R. Institute of Ethnography. Transactions]. Moscow, vol 79, 1962.

NARODNA TVORCHIST' TA ETNOGRAFIIA [FOLK ART AND ETHNOGRAPHY]. Issued by Instytut mystetstvoznavstva, fol'kloru ta etnografii Akademii nauk URSR and Ministerstvo kul'tury Ukrains'koi RSR [Institute of Fine Arts, Folklore, and Ethnography of the Academy of Sciences of the Ukrainian S. S. R. and the Ministry of Culture of the Ukrainian S. S. R.]. Kiev, vol. 5 no. 4, Oct.-Dec 1961.

SOVETSKAIA ETNOGRAFIIA [SOVIET ETHNOGRAPHY]. Issued by Institut etnografii Akademii nauk SSSR [Institute of Ethnography of the Academy of Sciences of the U. S. S. R.] Moscow, no 1, Jan.-Feb. 1962.

b. GEOGRAPHY

AKADEMIIA NAUK SSSR. Izvestiia. Seriia geograficheskaia [ACADEMY OF SCIENCES OF THE U. S. S. R. Bulletin. Geographical Series] Moscow, no. 2, Mar.-Apr. 1962

AKADEMIIA NAUK SSSR. Laboratoriia ozerovedeniia. Trudy [ACADEMY OF SCIENCES OF THE U. S. S. R. Laboratory of Limnology. Transactions] Moscow, vol 12, 1961

AKADEMIIA NAUK SSSR. Okeanograficheskaia komissiia. Trudy [ACADEMY OF SCIENCES OF THE U. S. S. R. Oceanographic Commission Transactions]. Moscow, vol 10, no. 3, 1962.

GEOGRAFICHESKOE OBSHCHESTVO SSSR. Izvestiia [GEOGRAPHIC SOCIETY OF THE U. S. S. R. Bulletin]. Moscow, vol. 94, no. 1, Jan.-Feb. 1962.

LENINGRAD. ARKTICHESKII I ANTARKTICHESKII NAUCHNO-ISSLEDOVATEL'SKII INSTITUT. Trudy [ARCTIC AND ANTARCTIC SCIENTIFIC RESEARCH INSTITUTE, Transactions]. Vols. 235, 240, 1961.

OKEANOLOGIIA [OCEANOLOGY]. Issued by Okeanograficheskaia komissiia Akademii nauk SSSR [Oceanographic Commission of the Academy of Sciences of the U. S. S. R.]. Moscow, vol. 1, no. 5, 1961.

PROBLEMY ARKTIKI I ANTARKTIKI [PROBLEMS OF THE ARCTIC AND THE ANTARCTIC]. Issued by Arkticheskii i antarkticheskii nauchno-issledovatel'skii institut [Arctic and Antarctic Scientific Research Institute]. Leningrad, no. 8, 1961.

RUSSKIE UCHENYE-ISSLEDOVATELI SREDNEI AZII [RUSSIAN SCIENTIST EXPLORERS OF CENTRAL ASIA]. Issued by Otdel dorevoliutsionnykh fondov TSentral'nogo gosudarstvennogo arkhiva UzSSR [Department of Prerevolutionary Materials of the Central Archives of the Uzbek S. S. R.]. Tashkent, vol. 3, 1960.
Contents [Ivan Vasil'evich Mushketov; collected materials] I. V. Mushketov, sbornik dokumentov. 333 p

STRANY I NARODY VOSTOKA [COUNTRIES AND PEOPLES OF THE ORIENT]. Issued by Vostochnaia komissiia Geograficheskogo obshchestva SSSR [Oriental Committee of the Geographic Society of the U. S. S. R.]. Moscow, no. 2, 1961.

TURISTSKIE TROPY; al'manakh [TOURIST TRAILS, Almanac]. Published by Gosudarstvennoe izdatel'stvo "Fizkul'tura i sport" [State Publishing House "Physical Education and Sports"]. Moscow, vol. 5, 1961.

VOKRUG SVETA [AROUND THE WORLD]. Issued by TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, no. 3, Mar. 1962.

VOPROSY GEOGRAFII [PROBLEMS OF GEOGRAPHY] Published by Moskovskii filial Geograficheskogo obshchestva SSSR [Moscow Chapter of the Geographic Society of the U. S. S. R.] Moscow, no 54, 1961.

c. GEOLOGY & PALEONTOLOGY

AKADEMIIA NAUK ARMIANSKOI SSR, Erivan. Izvestiia. Geologicheskie i geograficheskie nauki [ACADEMY OF SCIENCES OF THE ARMENIAN S. S. R. Bulletin. Geological and Geographical Sciences] Erivan, vol 14, no. 6, 1961, vol. 15, no. 1, 1962

AKADEMIIA NAUK GRUZINSKOI SSR, Tiflis. Institut paleobiologii. Trudy [ACADEMY OF SCIENCES OF THE GEORGIAN S. S. R. Institute of Paleobiology Transactions]. No. 6, 1961.

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Izvestiia. Seriia geologicheskaia [ACADEMY OF SCIENCES OF THE KAZAKH S. S. R. Bulletin Geological Series]. Alma-Ata, no 4(45), 1961

AKADEMIIA NAUK SSSR. Geologicheskii institut. Trudy [ACADEMY OF SCIENCES OF THE U. S. S. R. Geological Institute, Transactions] Moscow, no. 51, 1961
Contents: Alekseev, M. N. [Stratigraphy of continental Neogene and Quaternary sediments of the Vilyuy trough and the lower Lena Valley] Stratigrafiia kontinental'nykh neogenovykh i chetvertichnykh otlozhenii Villiuiskoi vpadiny i doliny nizhnego techeniia reki Leny. 116 p

No 54, 1961.
Contents. Vakhrameev, V. A., Doludenko, M. P. [Upper Jurassic and the Lower Cretaceous flora of the Bureya Basin and its significance for the study of stratigraphy] Verkhneiurskaia i nizhnemelovaia flora Bureinskogo basseina i eo znachenie dlia stratigrafii. 134 p.

No. 55, 1961
Contents. Andronov, S. M. [Some representatives of the family Pentameridae from Devonian sediments in the vicinity of Severouralsk] Nekotorye predstaviteli semeistva Pentameridae iz devonskikh otlozhenii okrestnostei g. Severoural'ska 135 p 22 plates

AKADEMIIA NAUK SSSR. Institut geologii rudnykh mestorozhdenii, petrografii, mineralogii i geokhimii. Trudy [ACADEMY OF SCIENCES OF THE U. S. S. R. Institute of the Geology of Ore Deposits, Petrology, Mineralogy, and Geochemistry, Transactions]. Moscow, no. 45, 1961
Contents. Favorskaia, M. A., and others [Magmatic activity and metallogenic features of the Sikhote-Alin' Range and the Lake Khanka region] Magmatizm Sikhote-Alinia i Prikhankaiskogo raiona i ego metallogenicheskie osobennosti. 327 p.

No. 51, 1961.
Contents: Masurenkov, IU. P. [Cenozoic volcanism of the Elbrus Mount volcanic area] Kainozoiskii vulkanizm El'brusskoi vulkanicheskoi oblasti. 129 p.

AKADEMIIA NAUK SSSR. Institut mineralogii, geokhimii i kristallokhimii redkikh elementov. Trudy [ACADEMY OF SCIENCES OF THE U. S. S. R. Institute of the Mineralogy, Geochemistry, and Crystallography of Rare Elements. Transactions]. Moscow, no. 6, 1961.

AKADEMIIA NAUK SSSR. Komissiia po izucheniiu chetvertichnogo perioda. Trudy [ACADEMY OF SCIENCES OF THE U. S. S. R. Commission for the Study of the Quaternary Period. Transactions] Moscow, no. 20, 1961.

AKADEMIIA NAUK SSSR. Laboratoriia gidrogeologicheskikh problem. Trudy [ACADEMY OF SCIENCES OF THE U. S. S. R. Laboratory for Hydrogeological Problems. Transactions]. Moscow, vol. 38, 1961.
Contents: Frolov, N. M. [Underground waters in the western part of the Black Sea artesian basin, conditions of distribution, utilization, paleohydrogeology, and geothermy] Podzemnye vody zapadnoi chasti Prichernomorskogo artezianskogo basseina. 113 p

Vol. 43, 1962
Contents: Gordeev, D. I. [Nikolai Nikolaevich Slavianov, his life and work] Nikolai Nikolaevich Slavianov, zhizn' i deiatel'nost'. 135 p

AKADEMIIA NAUK SSSR. Paleontologicheskii institut. Trudy [ACADEMY OF SCIENCES OF THE U. S. S. R. Institute of Paleontology. Transactions]. Moscow, vol. 90, 1961.
Contents: Shimanskii, V. N., Zhuravleva, F. A. [Basic problems in the systematics of nautiloids and groups related to them] Osnovnye voprosy sistematiki nautiloidei i rodstvennykh im grupp. 176 p., 15 plates.

AKADEMIIA NAUK SSSR Ural'skii filial, Sverdlovsk. Gorno-geologicheskii institut. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Ural Branch. Mining-Geological Institute. Transactions] Sverdlovsk, no 57, 1961

*GLOBUS [GLOBE] Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.] Moscow, vol. 12, 1961, no 2, 1962

LENINGRAD. NAUCHNO-ISSLEDOVATEL'SKII INSTITUT GEOLOGII ARKTIKI. Informatsionnyi biulleten' [SCIENTIFIC RESEARCH INSTITUTE OF ARCTIC GEOLOGY. Information Bulletin] No 10, 1959

LENINGRAD. VSESOIUZNYI GEOLOGICHESKII INSTITUT. Informatsionnyi sbornik [ALL-UNION GEOLOGICAL INSTITUTE. Information Bulletin], No 16, 1959, no 19, 1961

LENINGRAD. VSESOIUZNYI GEOLOGICHESKII INSTITUT. Trudy [ALL-UNION GEOLOGICAL INSTITUTE. Transactions] Moscow, vol 44, 1961
Contents: Dvorskii, V. I. [Stromatoporoids of the Soviet Union] Stromatoporoidea Sovetskogo Soiuza. Part 3. 62 p. 36 plates.

Vol 51, 1961. Problemy neftegazonosnosti Srednei Azii [Oil and gas potentials of Central Asia], no. 6.
Contents: Prozorovskii, V. A., and others. [Neocomian in western Turkmenia] Neokom Zapadnoi Turkmenii. 185 p. 20 plates.

LENINGRAD. VSESOIUZNYI NEFTIANOI NAUCHNO-ISSLEDOVATEL'SKII GEOLOGORAZVEDOCHNYI INSTITUT. Trudy [ALL-UNION PETROLEUM (SCIENTIFIC RESEARCH) GEOLOGICAL PROSPECTING INSTITUTE. Transactions] No 186, 1961. [Geological Papers], no 6

MATERIALY PO GEOLOGII I POLEZNYM ISKOPAEMYM KAZAKHSTANA [MATERIALS ON THE GEOLOGY AND MINERAL RESOURCES OF KAZAKHSTAN] *Issued by Uzbeko-Kazakhstanskoe geologicheskoe upravlenie Ministerstva geologii i okhrany nedr Kazakhskoi SSR [South Kazakhstan Geological Administration of the Ministry of the Geology and Conservation of Mineral Resources of the Kazakh S.S.R.]* Moscow, no 1(26), 1961. Stratigrafiia i paleontologiia [Stratigraphy and Paleontology].

MATERIALY PO GEOLOGII I POLEZNYM ISKOPAEMYM URALA [MATERIALS ON THE GEOLOGY AND MINERAL RESOURCES OF THE URALS] Issued by Ural'skoe geologicheskoe upravlenie [Ural Geological Administration]. Moscow, no. 9, 1961

MATERIALY PO GEOLOGII TSENTRAL'NOGO KAZAKHSTANA [MATERIALS ON THE GEOLOGY OF CENTRAL KAZAKHSTAN] Issued by Moskovskii gosudarstvennyi universitet [Moscow State University] Moscow, vol 1, 1960
Contents: Chetverikova, N. P. [Ordovician and Silurian sediments in the western part of central Kazakhstan] Ordovikskie i silurliskie otlozhenila zapadnoi chasti TSentral'nogo Kazakhstana. 97 p.

Vol 2, 1961.
Contents: Martynova, M. V. [Stratigraphy and brachiopods of the Famennian stage in the western part of central Kazakhstan] Stratigrafiia i brakhiopody famenskogo iarusa zapadnoi chasti tsentral'nogo Kazakhstana. 268 p. 28 plates.

Vol 3, 1961
Contents: Zaitsev, Iu. A. [Hercynian tectonic pattern in the western part of the Sary-Su--Tengiz watershed and the Ulu-Tau] Gertsinskaia tektonicheskaia struktura zapadnoi chasti Sarysu-Tenizskogo vodorazdela i Ulu-Tau. 175 p.

PALEONTOLOGICHESKII ZHURNAL [PALEONTOLOGICAL JOURNAL]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.] Moscow, no. 1, 1962.

REFERATIVNYI ZHURNAL: GEOLOGIIA [JOURNAL OF ABSTRACTS: GEOLOGY] Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 3, 1962.

VSESOIUZNOE MINERALOGICHESKOE OBSHCHESTVO. *Zapiski* [ALL-UNION MINERALOGICAL SOCIETY. Records] Moscow, vol. 91, no. 1, 1962.

13. SCIENCE

a. GENERAL

AKADEMIIA NAUK AZERBAIDZHANSKOI SSR, Baku. Doklady [ACADEMY OF SCIENCES OF THE AZERBAIJAN S.S.R. Reports]. Baku, vol. 17, no. 9, 1961; vol. 18, no. 1, 1962

*AKADEMIIA NAUK SSSR. Doklady [ACADEMY OF SCIENCES OF THE U.S.S.R. Reports] Moscow, vol 143, nos. 2-4, Mar.-Apr. 1962

AKADEMIIA NAUK TURKMENSKOI SSR, Ashkhabad. Izvestiia. Seriia fiziko-tekhnicheskikh, khimicheskikh i geologicheskikh nauk [ACADEMY OF SCIENCES OF THE TURKMEN S.S.R. Bulletin. Series in the Physical and Technological, Chemical, and Geological Sciences] Ashkhabad, no. 6, 1961.

AKADEMIIA NAVUK BSSR, Minsk. Doklady [ACADEMY OF SCIENCES OF THE WHITE RUSSIAN S.S.R. Reports] Minsk, vol. 5, no. 10, Oct. 1961, vol. 6 no. 3, Mar. 1962

EESTI LOODUS [ESTONIAN NATURE]. Issued by Eesti NSV Teaduste akadeemia [Academy of Sciences of the Estonian S.S.R.]. Tallinn, no. 2, Mar.-Apr. 1962. [In Estonian]

MOKSLAS IR GYVENIMAS [SCIENCE AND LIFE]. Issued by Lietuvos TSR Politinio ir mokslinio ziniu skleidimo draugija [Society for Dissemination of Political and Scientific Knowledge of the Lithuanian S.S.R.]. Vilnius, no 3(51), Mar. 1962. [In Lithuanian]

NAUKA I ZHIZN' [SCIENCE AND LIFE]. Issued by Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii [All-Union Society for Dissemination of Political and Scientific Knowledge]. Moscow, vol. 29, nos 1-2, Jan.-Feb. 1962.

NAUKA I ZHYTTIA [SCIENCE AND LIFE]. Published by Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR [Society for Dissemination of Political and Scientific Knowledge of the Ukrainian S.S.R.]. Kiev, vol. 11, no 2(131), Feb. 1962.

NOVYE KNIGI ZA RUBEZHOM. Seriia A. Matematika, mekhanika, astronomiia, fizika, geofizika, khimiia, geologiia [NEW FOREIGN BOOKS. Series A: Mathematics, Mechanics, Astronomy, Physics, Geophysics, Chemistry, Geology]. Published by Izdatel'stvo inostrannoi literatury [Publishing House of Foreign Literature] Moscow, vol. 15, no. 3, Mar. 1962.

PRIRODA [NATURE]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol 51, no. 3, Mar. 1962

ZNANIE - SILA [KNOWLEDGE IS POWER]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po professional'no-tekhnicheskomu obrazovaniiu [State Committee of the Council of Ministers of the U.S.S.R. for Industrial Training]. Moscow, vol. 37, no. 2, Feb. 1962.

b. ASTRONOMY

ABASTUMANI ASTROFIZICHESKAIA OBSERVATORIIA. Biulleten' [ASTROPHYSICAL OBSERVATORY. Bulletin] Tiflis, no. 26, 1961.

AKADEMIIA NAUK SSSR. Astronomicheskii sovet. Biulleten' stantsii opticheskogo nabliudeniia iskusstvennykh sputnikov Zemli [ACADEMY OF SCIENCES OF THE U.S.S.R. Astronomical Council. Bulletin of the Stations for Optical Observation of Artificial Earth Satellites]. Moscow, no. 23, 1961.

AKADEMIIA NAUK SSSR. Institut teoreticheskoi astronomii. Rezul'taty nabliudenii amerikanskikh iskusstvennykh sputnikov Zemli [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Theoretical Astronomy. Results of Observations of American Artificial Earth Satellites]. Moscow, nos. 9-11, 1961

AKADEMIIA NAUK SSSR. Institut teoreticheskoi astronomii. Rezul'taty nabliudenii *sovetskikh* iskusstvennykh sputnikov Zemli [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Theoretical Astronomy. Results of Observations of Soviet Artificial Earth Satellites]. Moscow, nos. 35, 14, 1961

AKADEMIIA NAUK SSSR. Komissiia po fizike planet. Izvestiia [ACADEMY OF SCIENCES OF THE U.S.S.R. Committee on the Physics of Planets. Bulletin]. Kharkov, no. 3, 1961.

AKADEMIIA NAUK TADZHIKSKOI SSR, Stalinabad. Institut astrofiziki. Biulleten' [ACADEMY OF SCIENCES OF THE TAJIK S.S.R. Astrophysical Institute. Bulletin]. Stalinabad, no. 30, 1961.

ASTRONOMICHESKII TSIRKULIAR [ASTRONOMICAL CIRCULAR]. Published by Biuro Astronomicheskikh soobshchenii Akademii nauk SSSR [Bureau of Astronomic Information of the Academy of Sciences of the U.S.S.R.]. Kazan, no. 223, July 1961.

*ASTRONOMICHESKII ZHURNAL [ASTRONOMICAL JOURNAL.] Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 39, no. 2, Mar.-Apr. 1962.

*GEODEZIIA I KARTOGRAFIIA [GEODESY AND CARTOGRAPHY]. Issued by Glavnoe upravlenie geodezii i kartografii Ministerstva geologii i okhrany nedr [Main Administration of Geodesy and Cartography of the Ministry of the Geology and Protection of Mineral Resources of the U.S.S.R.]. Moscow, no. 2, 1962.

KHARKOV. UNIVERSITET. Astronomicheskie tsirkuliary. TSirkuliar [UNIVERSITY. Astronomical Observatory Circular]. No. 21, 1961

LVOV. UNIVERSYTET. Astronomichnyi tsirkuliar. TSirkuliar [UNIVERSITY. Astronomical Observatory Circular]. No 30, 1955.

MOSCOW. UNIVERSITET. Gosudarstvennyi astronomicheskii institut. Soobshcheniia [UNIVERSITY. Astronomical Institute. Reports]. Nos. 101, 103

PERFMI'NNYI ZVIZDY [VARIABLE STARS]. Issued by Astronomicheskii sovet Akademii nauk [Astronomical Council of the Academy of Sciences of the U.S.S.R.] Moscow, vol. 13, no. 4, Mar. 1962

RUSSIA (1923- U.S.S.R.) Ministerstvo srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii. Geodeziia i aerofotos"emka [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Education. Geodesy and Aerial Photography]. Moscow, no. 4, 1961.

c. BIOLOGY

AKADEMIIA NAUK ARMIANSKOI SSR, Erevan. Biologicheskie nauki [ACADEMY OF SCIENCES OF THE ARMENIAN S.S.R. Bulletin. Biological Sciences] Erivan, vol. 14, nos. 11-12, Nov.-Dec. 1961, no 2, Feb. 1962

AKADEMIIA NAUK AZERBAIDZHANSKOI SSR, Baku. Izvestiia. Seriia biologicheskikh i meditsinskikh nauk [ACADEMY OF SCIENCES OF THE AZERBAIJAN S.S.R. Bulletin. Series in the Biological and Medical Sciences]. Baku, no. 11, 1961.

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Institut botaniki. Trudy [ACADEMY OF SCIENCES OF THE KAZAKH S.S.R. Institute of Botany. Transactions] Alma-Ata, vol. 11, 1961.

AKADEMIIA NAUK SSSR. Izvestiia. Seriia biologicheskaia [ACADEMY OF SCIENCES OF THE U.S.S.R. Biological Series]. Moscow, vol. 27, no. 1, Jan.-Feb. 1962.

AKADEMIIA NAUK SSSR. Murmanskii morskoi biologicheskii institut. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Murmansk Marine Biological Institute. Transactions]. Moscow, no. 3(7), 1961

AKADEMIIA NAUK SSSR. Sibirskoe otdelenie, Botanicheskii institut. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Siberian Department. Biological Institute. Transactions]. Novosibirsk, no. 4

AKADEMIIA NAUK SSSR. Sibirskoe otdelenie. Tsentral'nyi sibirskii botanicheskii sad. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Siberian Department. Central Siberian Botanical Garden. Transactions] Novosibirsk, no 3, 1960, no 5, 1961.

AKADEMIIA NAUK TURKMENSKOI SSR, Ashkhabad. Izvestiia. Seriia biologicheskikh nauk [ACADEMY OF SCIENCES OF THE TURKMEN S.S.R. Bulletin. Series in the Biological Sciences]. Ashkhabad, no. 6, 1962.

AKADEMIIA NAVUK BSSR, Minsk. Instytut batanik. Biuleten' [ACADEMY OF SCIENCES OF THE WHITE RUSSIAN S.S.R. Institute of Biology. Bulletin] Minsk, no. 6, 1961.

ARKHIV ANATOMII, GISTOLOGII I EMBRIOLOGII [ARCHIVES OF ANATOMY, HISTOLOGY, AND EMBRYOLOGY]. *Issued by Ministerstvo zdravookhraneniia SSSR* [Ministry of Health of the U.S.S.R.] Moscow, vol. 41, no. 12, Dec. 1961.

*BIOFIZIKA [BIOPHYSICS]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.] Moscow, vol. 6, no. 5, 1961.

BOTANICHESKII ZHURNAL [BOTANICAL JOURNAL]. Organ of Vsesoiuznoe botanicheskoe obshchestvo [All-Union Botanical Society]. Moscow, vol. 47, nos. 2-3, Feb.-Mar. 1962.

*ENTOMOLOGICHESKOE OBOZRENIE [ENTOMOLOGICAL REVIEW]. Organ of Vsesoiuznoe entomologicheskoe obshchestvo [All-Union Entomological Society]. Leningrad, vol 40, no. 3, 1961.

FIZIOLOGICHNYI ZHURNAL [PHYSIOLOGICAL JOURNAL]. Issued by Instytut fiziologii Akademii nauk URSR [Institute of Physiology of the Academy of Sciences of the Ukrainian S. S. R.]. Kiev, vol. 7, no. 6, Nov.-Dec. 1961.

*FIZIOLOGIIA RASTENII [PHYSIOLOGY OF PLANTS]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 9, no 1, 1962.

LAPLANDSKII GOSUDARSTVENNYI ZAPOVEDNIK. Trudy [LAPLAND STATE PRESERVE. Transactions] Moscow, no 4, 1960.

LATVIJAS PADOMJU SOCIALISTISKAS REPUBLIKAS ZINATNU AKADEMIJA. Mikrobioloģijas institute. Trudy [ACADEMY OF SCIENCES OF THE LATVIAN S.S.R. Institute of Microbiology. Transactions]. Riga, no. 15, 1961. Voprosy obshchei i meditsinskoi mikrobiologii [Problems of General and Medical Microbiology], no. 4.

LENINGRAD. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT SEL'SKOKHOZIAISTVENNOI MIKROBIOLOGII. Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF AGRICULTURAL MICROBIOLOGY. Transactions]. Moscow, vol. 17, 1960

LENINGRADSKOE OBSHCHESTVO ESTESTVOISPYTATELEI. Trudy [LENINGRAD NATURALISTS' SOCIETY. Transactions]. Vol. 72, no. 1, 1961.

*MIKROBIOLOGIIA [MICROBIOLOGY]. Published by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 31, no. 1., Jan.-Feb. 1962.

MOSKOVSKOE OBSHCHESTVO ISPYTATELEI PRIRODY. Biulleten'. Otdel biologicheskii [MOSCOW NATURALISTS' SOCIETY. Bulletin Biological Section]. Moscow, new series, vol. 67, no. 1, Jan.-Feb. 1962.

REFERATIVNYI ZHURNAL: BIOLOGIIA [JOURNAL OF ABSTRACTS: BIOLOGY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R. Moscow, no. 6, 1962.

REFERATIVNYI ZHURNAL: KHIMIIA; BIOLOGICHESKAIA KHIMIIA [JOURNAL OF ABSTRACTS: CHEMISTRY; BIOLOGICAL CHEMISTRY]. Issued by Institut nauchno informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R. Moscow, nos. 3-6, 1962.

RUSSIA (1923- U. S. S. R.) Ministerstvo vysshego i [illegible]lady [illegible] es]. [illegible]

UKRAINS'KYI BOTANICHNYI ZHURNAL [UKRAINIAN BOTANICAL JOURNAL]. Issued by Instytut botaniky Akademii nauk URSR [Botanical Institute of the Academy of Sciences of the Ukrainian S. S. R.]. Kiev, vol. 18, no. 6, 1961.

UZBEKSKII BIOLOGICHESKII ZHURNAL [UZBEK BIOLOGICAL JOURNAL]. Issued by Akademiia nauk Uzbekskoi SSR [Academy of Sciences of the Uzbek S. S. R.]. Tashkent, vol. 6, no. 1, 1962.

VOPROSY ICHTIOLOGII [PROBLEMS IN ICHTHYOLOGY] Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 2, no. 1(22), 1962.

VOPROSY PITANIIA [PROBLEMS OF NUTRITION]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 21, no. 2, Mar.-Apr. 1962.

VOPROSY RADIOBIOLOGII; sbornik trudov [PROBLEMS OF RADIOBIOLOGY]. Issued by Sektor radiobiologii Akademii nauk Armianskoi SSR [Sector of Radiobiology of the Academy of Sciences of the Armenian S.S.R.]. Erivan, vol. 1, 1960.

*VOPROSY VIRUSOLOGII [PROBLEMS OF VIROLOGY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 7, no. 1, Jan.-Feb. 1962.

ZHURNAL OBSHCHEI BIOLOGII [JOURNAL OF GENERAL BIOLOGY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol 23, no. 1, Jan.-Feb 1962.

ZOOLOGICHESKII ZHURNAL [ZOOLOGICAL JOURNAL]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 40, no. 12, Dec. 1961; vol. 41, no. 3, Mar. 1962.

d CHEMISTRY

*AKADEMIIA NAUK SSSR. Izvestiia, Otdelenie khimicheskikh nauk [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin. Department of Chemical Sciences]. Moscow, no. 3, Mar. 1962

KHIMIIA V SHKOLE [CHEMISTRY IN SCHOOLS]. Issued by Ministerstvo prosveshcheniia RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, vol. 17, no. 2, Mar.-Apr. 1962.

*KINETIKA I KATALIZ [KINETICS AND CATALYSIS]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.] Moscow, vol 3, no. 1, 1962.

MOSCOW. VSESOIUZNAIA GOSUDARSTVENNAIA BIBLIOTEKA INOSTRANNOI LITERATURY. Khimiia, sistematicheskii ukazatel' statei v inostrannykh zhurnalakh [ALL-UNION STATE LIBRARY OF FOREIGN LITERATURE. Chemistry, Classified Index of Articles in Foreign Periodicals] No. 1(101), 1962.

REFERATIVNYI ZHURNAL: KHIMIIA [JOURNAL OF ABSTRACTS: CHEMISTRY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 3-6, 1962, Ukazateli za 1960 g. [Indexes for 1960], vol. 2, avtorskii ukazatel' [Author Index] A-G.

RUSSIA (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, khimiia i khimicheskaia tekhnologiia [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Chemistry and Chemical Technology]. Moscow, vol. 4, no. 6, 1961.

UKRAINSKII KHIMICHESKII ZHURNAL [UKRAINIAN CHEMICAL JOURNAL]. Issued by Akademiia nauk URSR [Academy of Sciences of the Ukrainian S. S. R.]. Kiev, vol. 28, no. 2, 1962.

*USPEKHI KHIMII [PROGRESS IN CHEMISTRY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol 31, nos. 1, 3, Jan., Mar. 1962.

UZBEKSKII KHIMICHESKII ZHURNAL [UZBEK CHEMICAL JOURNAL]. Issued by Akademiia nauk Uzbekskoi SSR [Academy of Sciences of the Uzbek S. S. R.]. Tashkent, vol 6, no. 1, 1962.

VSESOIUZNOE KHIMICHESKOE OBSHCHESTVO IMENI D. I. MENDELEEVA. Zhurnal [D. I. MENDELEEV ALL-UNION CHEMICAL SOCIETY. Journal]. Moscow, vol. 7, no. 1, 1962.

*VYSOKOMOLEKULIARNYE SOEDINENIIA [MACROMOLECULAR COMPOUNDS]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 3, no 12, Dec. 1961, vol. 4, no. 3, Mar. 1962.

*ZHURNAL NEORGANICHESKOI KHIMII [JOURNAL OF INORGANIC CHEMISTRY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol 7, nos 2-3, Feb.-Mar. 1962.

*ZHURNAL STRUKTURNOI KHIMII [JOURNAL OF STRUCTURAL CHEMISTRY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow vol. 3, no. 1, Jan.-Feb. 1962.

*ZHURNAL OBSHCHEI KHIMII [JOUI CHEMISTRY]. Issued by Akaden [Academy of Sciences of the U.S. vol. 32, no. 3, Mar. 1962.

e MATHEMATIC

AKADEMIIA NAUK GRUZINSKOI S. ticheskii institut. Trudy [ACAD OF THE GEORGIAN S.S.R. Ma Transactions]. Tiflis, vol. 27,

AKADEMIIA NAUK SSSR. Matemat Trudy [ACADEMY OF SCIENCE Mathematical Institute. Transa vols. 62, 64, 1961.

CHEKHOSLOVATSKII MATEMATI [CZECHOSLOVAK MATHEMAT Issued by Matematicheskii insti akademii nauk [Institute of Mat slovak Academy of Sciences] no. 1, Mar. 1962.

MATEMATICHESKII SBORNIK [MATHEMATICAL REVIEW]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol 55(97), no 4, Dec 1961.

MATEMATICHESKOE PROSVESHCHENIE; matematika, ee prepodavanie, prilozhenila i istoriia [MATHEMATICAL EDUCATION, Mathematics: Teaching, Application, and History]. Moscow, no. 6, 1961.

MATEMATIKA, periodicheskii sbornik perevodov inostrannykh statei [MATHEMATICS, Translations of Foreign Articles] Published by Izd-vo inostrannoi lit-ry [Publishing House of Foreign Literature]. Moscow, vol. 6, no. 1, 1962

MATEMATIKA V SHKOLE [MATHEMATICS IN SCHOOLS] Issued by Ministerstvo prosveshcheniia RSFSR [Ministry of Education of the R.S.F.S.R.] Moscow, no. 2, Mar.-Apr. 1962.

MOSCOW. INZHENERNO-FIZICHESKII INSTITUT. Vychislitel'naia tekhnika, sbornik statei [INSTITUTE OF ENGINEERING PHYSICS. Computer Technology, Papers]. [No. 1], 1960, no 2, 1961

MOSCOW. UNIVERSITET. Nauchno-issledovatel'skii institut matematiki. Trudy Seminara po vektornomu i tenzornomu analizu s ikh prilozheniiami k geometrii, mekhanike i fizike [UNIVERSITY. Scientific Research Institute of Mathematics. Transactions of the Seminar on Vector and Tensor Analysis with Their Application in Geometry, Mechanics, and Physics] No. 11, 1961

REFERATIVNYI ZHURNAL: MATEMATIKA [JOURNAL OF ABSTRACTS: MATHEMATICS]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 3, 1962.

RUSSIA (1923- U. S. S. R.) Ministerstvo vysshego i [illegible]

Moscow, no. 6, 1961.

SIBIRSKII MATEMATICHESKII ZHURNAL [SIBERIAN MATHEMATICAL JOURNAL] Issued by Sibirskoe otdelenie Akademii nauk SSSR [Siberian Branch of the Academy of Sciences of the U.S.S.R.] Moscow, vol. 2, no. 5, Sep.-Oct 1961, vol 3, no 1, Jan.-Feb. 1962.

*TEORIIA VEROIATNOSTEI I EE PRIMENENIIA [THEORY OF PROBABILITY AND ITS APPLICATIONS] Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol 7, no 1, 1962

UKRAINSKII MATEMATICHESKII ZHURNAL [UKRAINIAN MATHEMATICAL JOURNAL]. Organ of Instytut matematiki Akademii nauk URSR [Institute of Mathematics of the Academy of Sciences of the Ukrainian S.S.R.]. Kiev, vol 14, no 1, 1962.

*USPEKHI MATEMATICHESKIKH NAUK [PROGRESS IN THE MATHEMATICAL SCIENCES]. Issued by Akademiia nauk SSSR and Moskovskoe matematicheskoe obshchestvo [Academy of Sciences of the U.S.S.R. and the Moscow Mathematical Society]. Moscow, vol. 16, no. 6(102), Nov.-Dec. 1961, vol. 17, no 1(103), Jan.-Feb. 1962.

ZHURNAL VYCHISLITEL'NOI MATEMATIKI I MATEMATICHESKOI FIZIKI [JOURNAL OF COMPUTER MATHEMATICS AND MATHEMATICAL PHYSICS]. Issued

METEOROLOGIIA I GIDROLOGIIA [METEOROLOGY AND HYDROLOGY] Issued by Glavnoe upravlenie gidrometeorologicheskoi sluzhby pri Sovete Ministrov SSSR [Main Administration of Hydrometeorological Service, Attached to the Council of Ministers of the U.S.S.R.] Leningrad, no 3, Mar 1962.

*OPTIKA I SPEKTROSKOPIIA [OPTICS AND SPECTROSCOPY] Issued by Akademiia nauk SSSR [Academy of Sciences of the U S S R] Moscow, vol 12, no. 3, Mar, 1962

*PRIBORY I TEKHNIKA EKSPERIMENTA [INSTRUMENTS AND EXPERIMENTAL TECHNIQUES] Issued by Akademiia nauk SSSR [Academy of Sciences of the U S S R.], Moscow, vol. 7, no 1, Jan -Feb. 1962

REFERATIVNYI ZHURNAL FIZIKA [JOURNAL OF ABSTRACTS PHYSICS] Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U S S R Moscow, no. 3, 1962.

REFERATIVNYI ZHURNAL GEOFIZIKA [JOURNAL OF ABSTRACTS GEOPHYSICS]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.] Moscow, no 3, 1962.

*REFERATIVNYI ZHURNAL MEKHANIKA [JOURNAL OF ABSTRACTS: MECHANICS] Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U S.S.R.]. Moscow, no. 3, 1962.

SREDNEAZIATSKII NAUCHNO-ISSLEDOVATEL'SKII GIDROMETEOROLOGICHESKII INSTITUT Trudy [CENTRAL ASIA HYDROMETEOROLOGICAL RESEARCH INSTITUTE Transactions], Leningrad, no 7(22), 1961

TIFLIS. NAUCHNO-ISSLEDOVATEL'SKII GIDROMETEOROLOGICHESKII INSTITUT. Trudy [HYDROMETEOROLOGICAL SCIENTIFIC RESEARCH INSTITUTE. Transactions] Leningrad, nos. 8-9, 1961.

TSIMLIANSKAIA GIDROMETEOROLOGICHESKAIA OBSERVATORIIA. Sbornik rabot [TSIMLYANSK HYDROMETEOROLOGICAL OBSERVATORY. Collected Papers] Leningrad, no 2, 1961.

*ZHURNAL EKSPERIMENTAL'NOI I TEORETICHESKOI FIZIKI [JOURNAL OF EXPERIMENTAL AND THEORETICAL PHYSICS] Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol 42, no 1, Jan 1962

14. MEDICINE

a GENERAL

AKADEMIIA MEDITSINSKIKH NAUK SSSR, Moscow. Vestnik [ACADEMY OF MEDICAL SCIENCES OF THE U.S.S.R. Journal] Moscow, vol. 17, nos 1-2, 1962.

AZERBAICHAN TIBB ZHURNALY. AZERBAIDZHANSKII MEDITSINSKII ZHURNAL [AZERBAIJAN MEDICAL JOURNAL]. Issued by Azerbaichan SSR Sehille nazirlili [Azerbaijan Ministry of Health] Baku, no. 12, Dec, 1961.
(DNLM)

*BIULLETEN' EKSPERIMENTAL'NOI BIOLOGII I MEDITSINY [BULLETIN OF EXPERIMENTAL BIOLOGY AND MEDICINE]. Issued by Akademiia meditsinskikh nauk SSSR [Academy of Medical Sciences of the U.S.S.R.]. Moscow, vol. 52, nos. 7, 11, July, Nov. 1961, vol 53, nos. 1-2, Jan -Feb. 1962.

EKSPERIMENTAL'NAIA KHIRURGHIA I ANESTEZIOLOGHIA [EXPERIMENTAL SURGERY AND ANESTHESIOLOGY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 6, no. 5, Sep.-Oct. 1961.
(DNLM)

KARDIOLOGHIA [CARDIOLOGY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 1, no 3, May-June 1961.
(DNLM)

KAZANSKII MEDITSINSKII ZHURNAL [KAZAN MEDICAL JOURNAL]. Organ of Ministerstvo zdravookhraneniia Tatarskoi ASSR and Sovet nauchnykh meditsinskikh obshchestv [Ministry of Health of the Tatar A.S.S.R. and the Council of Medical Societies], Kazan, no. 5, Sep.-Oct. 1961, no. 1, Jan.-Feb. 1962.

KLINICHESKAIA MEDITSINA [CLINICAL MEDICINE] Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U S S R.]. Moscow, no. 3, 1962.
(DNLM)

LIKARS'KYI VISNYK MEDICAL JOURNAL. Issued by Ukrains'ke likars'ke tovarystvo v Amerytsi [American-Ukrainian Medical Society]. New York, vol. 9, no. 2(25), Apr 1962
(DNLM)

*MEDITSINSKAIA RADIOLOGHIA [MEDICAL RADIOLOGY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.] Moscow, vol 5, no 1, Jan 1960, no. 3, 1962
(DNLM)

*MEDITSINSKII REFERATIVNYI ZHURNAL [MEDICAL ABSTRACTS]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, Razdel [Section] 1, vol. 6, no. 3, Mar. 1962, Razdel [Section] 2, vol. 6, nos. 3-4, Mar.-Apr. 1962, Razdel [Section] 3, vol. 6, no. 4, Apr. 1962, Razdel [Section] 5, vol. 6, nos. 3-4, Mar.-Apr. 1962; Razdel [Section] 6, vol. 6, nos. 3-4, Mar.-Apr. 1962, Razdel [Section] 8, vol. 6, no. 3, Mar. 1962; Razdel [Section] 9, nos. 2-3, Feb.-Mar. 1962, Razdel [Section] 10, no. 3, Mar. 1962.

MEDITSINSKII ZHURNAL UZBEKISTANA [MEDICAL JOURNAL OF UZBEKISTAN]. Issued by Ministerstvo zdravookhraneniia and Akademiia nauk UzSSR [Ministry of Health of the Uzbek S.S.R and the Academy of Sciences of the Uzbek S.S.R.]. Tashkent, nos 4-5, Apr.-May 1960, no. 1, Jan. 1962.

PEZIRIA SENETETSII [HEALTH SERVICE], Organ of the Ministry of Health of the Moldavian S.S.R. Kishinev, vol. 4, no. 6, Nov.-Dec. 1961. [In Moldavian]

PREDEL'NO-DOPUSTIMYE KONTSENTRATSII ATMOSFERNYKH ZAGRIAZNENII [MAXIMUM PERMISSIBLE CONCENTRATIONS OF ATMOSPHERIC POLLUTION]. Issued by Komissiia po predel'no dopustimym kontsentratsiiam atmosfernykh zagriaznenii [Commission on Maximum Permissible Concentrations of Atmospheric Pollution]. Moscow, no. 5, 1961.

REFERATIVNYI ZHURNAL. OTDEL'NYI VYPUSK 36. MEDITSINAKAIA GEOGRAFIIA [JOURNAL OF ABSTRACTS. SEPARATE ISSUE 36 MEDICAL GEOGRAPHY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 1-3, Jan.-Mar. 1962.

SOVETSKAIA MEDITSINA [SOVIET MEDICINE]. Organ of Ministerstvo zdravookhraneniia RSFSR [Ministry of Health of the R.S.F.S.R.]. Moscow, vol. 25, no. 2, Feb. 1962.

SOVETSKOE ZDRAVOOKHRANENIE [SOVIET HEALTH SERVICE]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol 21, nos. 2-3, 1962.

SVEIKATOS APSAUGA [HEALTH PROTECTION]. Issued by LTSR Sveikatos apsaugos ministerija [Ministry of Health of the Lithuanian S.S.R.]. Vilnius, vol. 6, nos. 10(70)-12(72), Oct.-Dec. 1961; vol. 7, nos. 1(73)-2(74), Jan.-Feb. 1962. [In Lithuanian]
(DNLM)

VESTNIK RENTGENOLOGII I RADIOLOGII [REVIEW OF ROENTGENOLOGY AND RADIOLOGY]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol 37, no. 1, Jan.-Feb. 1962.

VRACHEBNOE DELO [MEDICAL PRACTICE]. Organ of Ministerstvo zdravookhraneniia USSR [Ministry of Health of the Ukrainian S.S.R.] Kiev, no. 8, Aug. 1961; no 2, Feb 1962.

ZDOROV'E [HEALTH] Issued by Ministerstvo zdravookhraneniia SSSR i RSFSR [Ministries of Health of the U.S.S.R. and the R.S.F.S.R.]. Moscow, vol. 8, no. 1(85), Jan. 1962.

ZDRAVOOKHRANENIE BELORUSSII [HEALTH SERVICE OF WHITE RUSSIA]. Organ of Ministerstvo zdravookhraneniia BSSR [Ministry of Health of the White Russian S.S.R.]. Minsk, vol 8, no. 1, Jan. 1962.

ZDRAVOOKHRANENIE KAZAKHSTANA [HEALTH SERVICE OF KAZAKHSTAN]. Issued by Ministerstvo zdravookhraneniia Kazakhskoi SSR [Ministry of Health of the Kazakh S.S.R.]. Alma-Ata, vol. 21, no. 12, 1961; vol. 22, no. 1, 1962.
(DNLM)

ZDRAVOOKHRANENIE ROSSIISKOI FEDERATSII [HEALTH SERVICE OF THE RUSSIAN FEDERATION]. Issued by Ministerstvo zdravookhraneniia RSFSR [Ministry of Health of the R.S.F.S.R.]. Moscow, vol. 6, nos. 1-2, Jan.-Feb. 1962.

*ZHURNAL MIKROBIOLOGII, EPIDEMIOLOGII I IMMUNOBIOLOGII [JOURNAL OF MICROBIOLOGY, EPIDEMIOLOGY, AND IMMUNOBIOLOGY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 33, nos. 1-2, Jan.-Feb. 1962.

b GYNECOLOGY, OBSTETRICS & PEDIATRICS

PEDIATRIIA [PEDIATRICS] Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, no. 2, 1962
(DNLM)

VOPROSY OKHRANY MATERINSTVA I DETSTVA [PROBLEMS OF MOTHER AND CHILD CARE] Issued by Ministerstvo zdravookhraneniia RSFSR [Ministry of Health of the R.S.F.S.R.]. Moscow, vol. 6, no 11 Dec. 1961, vol. 7, nos 1-2, Jan.-Feb. 1962

c NEUROLOGY & PSYCHIATRY

ZHURNAL NEVROPATOLOGII I PSIKHIATRII [JOURNAL OF NEUROPATHOLOGY AND PSYCHIATRY] Issued by Vsesoiuznoe obshchestvo nevropatologov i psikhiatrov [All-Union Society of Neuropathologists and Psychiatrists]. Moscow, vol 61, no 6, 1961, vol 62 no. 3, 1962.

*ZHURNAL VYSSHEI NERVNOI DEIATEL'NOSTI [JOURNAL OF THE HIGHER NERVOUS FUNCTION] Published by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 11, no. 6, Nov.-Dec. 1961.

d. OPHTHALMOLOGY & OTORHINOLARYNGOLOGY

OFTALMOLOGICHESKII ZHURNAL [OPHTHALMOLOGICAL JOURNAL]. Issued by Ministerstvo zdravookhraneniia USSR [Ministry of Health of the Ukrainian S.S.R.]. Kiev, vol. 17, no. 1, 1962.

e PATHOLOGY & THERAPEUTICS

ARKHIV PATOLOGII [ARCHIVES OF PATHOLOGY] Published by Akademiia meditsinskikh nauk SSSR [Academy of Medical Sciences of the U.S.S.R.] Moscow, no. 3, 1962.
(DNLM)

PATOLOGICHESKAIA FIZIOLOGHIA I EKSPERIMENTAL'NAIA TERAPIIA [PATHOLOGICAL PHYSIOLOGY AND EXPERIMENTAL THERAPY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 6, no 1 Jan-Feb 1962

*PROBLEMY GEMATOLOGII I PERELIVANIIA KROVI [PROBLEMS OF HEMATOLOGY AND BLOOD TRANSFUSION]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.] Moscow, no. 3, 1962.
(DNLM)

TERAPEVTICHESKII ARKHIV [THERAPEUTIC ARCHIVES]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.] Moscow, vol. 34, nos. 2-3, 1962
(DNLM)

f. PHARMACY & MATERIA MEDICA

*ANTIBIOTIKI [ANTIBIOTICS]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 6, no. 11, Nov 1961, vol. 7, nos. 3-4, Mar.-April, 1962.

LENINGRAD. KHIMIKO-FARMATSEVTICHESKII INSTITUT. Trudy [PHARMACEUTICAL CHEMISTRY INSTITUTE. Transactions]. Vol. 12, 1961. Voprosy farmakognozii [Problems in Pharmacognosy], vol. 1.

MEDITSINSKAIA PROMYSHLENNOST' SSSR [MEDICAL SUPPLIES INDUSTRY OF THE U.S.S.R.]. Organ of Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 15, no. 6, June 1961, vol. 16, nos. 1-2, Jan.-Feb. 1962.

VOPROSY MEDITSINSKOI KHIMII [PROBLEMS OF MEDICAL CHEMISTRY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.] Moscow, vol. 7, nos. 3-4, 6, May-Aug, Nov -Dec., 1961

g. PUBLIC HEALTH & NURSING

FEL'DSHER I AKUSHERKA [FELDSHER AND MIDWIFE] Issued by Ministerstvo zdravookhraneniia SSSR and Ministerstvo zdravookhraneniia RSFSR [Ministry of Health of the U.S.S.R. and Ministry of Health of the R.S.F.S.R.]. Moscow, vol. 27, nos. 1-2, Jan - Feb. 1962.

GIGIENA I SANITARIIA [HYGIENE AND SANITATION]. Issued by Ministerstvo zdravookhranenila SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 26, no. 9, Sep. 1961.

GIGIENA TRUDA I PROFESSIONAL'NYE ZABOLEVANIIA [LABOR HYGIENE AND OCCUPATIONAL DISEASES] Issued by Ministerstvo zdravookhranenila SSSR [Ministry of Health of the U.S.S.R.] Moscow, vol. 4, nos. 1-2, 11-12, Jan.-Feb., Nov.-Dec 1960, vol. 5, no. 6, June 1961.
(DNLM)

MEDITSINSKAIA SESTRA [MEDICAL NURSE]. Issued by Ministerstvo zdravookhranenila RSFSR [Ministry of Health of the R.S.F.S.R.]. Moscow, vol. 20, no. 12, Dec. 1961, vol. 21, nos. 1-3, Jan.-Mar. 1962.

MOSCOW. NAUCHNO-ISSLEDOVATEL'SKII INSTITUT SANITARII I GIGIENY. Uchenye zapiski [SCIENTIFIC RESEARCH INSTITUTE OF SANITATION AND HYGIENE. Studies]. No. 5, 1960.

SBORNIK RABOT PO MALIARII I GEL'MINTOZAM [PAPERS ON MALARIA AND HELMINTHIASES]. Issued by Stalinabadskii Institut epidemiologii i gigieny [Stalinabad Institute of Epidemiology and Hygiene]. Stalinabad, no. 2, 1959.
(DNLM)

h. SURGERY & DENTISTRY

GRUDNAIA KHIRURGIIA [THORACIC SURGERY]. Issued by Ministerstvo zdravookhranenila SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 1, nos 3-5, May-Oct. 1959, vol. 2, nos. 1, 3, Jan.-Feb., May-June, 1960, vol. 3, no. 6, Nov.-Dec. 1961.
(DNLM)

KHIRURGIIA [SURGERY]. Published by Ministerstvo zdravookhranenila SSSR [Ministry of Health of the U.S.S.R.]. Moscow, no 3, 1962.
(DNLM)

ORTOPEDIIA, TRAVMATOLOGIIA I PROTEZIROVANIE [ORTHOPEDICS, TRAUMATOLOGY, AND PROSTHESIS]. Issued by Ministerstvo zdravookhranenila SSSR [Ministry of Health of the U.S.S.R.]. Moscow, no. 2, 1962.
(DNLM)

VESTNIK KHIRURGII [REVIEW OF SURGERY]. Issued by Khirurgicheskoe obshchestvo Pirogova [Pirogov Surgical Society]. Leningrad, no. 8-9, 1961; no. 3, 1962.

VO

no. 2, 1962.
(DNLM)

i. VENEREOLOGY & DERMATOLOGY

VESTNIK DERMATOLOGII I VENEROLOGII [REVIEW OF DERMATOLOGY AND VENEREOLOGY]. Published by Ministerstvo zdravookhranenila SSSR [Ministry of Health of the U.S.S.R.]. Moscow, no. 3, 1962.
(DNLM)

15. AGRICULTURE

a. GENERAL

AGRIKULTURA SHI VITERITUL MOLDOVEI [AGRICULTURE AND ANIMAL HUSBANDRY OF MOLDAVIA]. Kishinev, vol. 6, no. 12, Dec. 1961; vol. 7, nos. 1-2, Jan.-Feb. 1962. [In Moldavian]
(DA)

AGROBIOLOGIIA [AGROBIOLOGY]. Issued by Vsesoiuznaia akademiia sel'skokhoziaistvennykh nauk imeni V.I. Lenina [All-Union Lenin Academy of Agricultural Sciences]. Moscow, no. 1(133), Jan.-Feb. 1962.

AKADEMIIA NAUK TADZHIKSKOI SSR, Stalinabad. Institut pochvovedeniia. Trudy [ACADEMY OF SCIENCES OF THE TAJIK S.S.R. Institute of Soil Science. Transactions]. Stalinabad, vol. 10, 1961.
Contents: Grabovskaia, O.A. [Desalinization processes of soils in the valleys of southern Tajikistan during reclamation] Protsessy rassoleniia pochv dolin IUzhnogo Tadzhikistana pri meliorasii. 271 p.

EKONOMIKA SEL'SKOGO KHOZIAISTVA [ECONOMICS OF AGRICULTURE]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 33, no. 1, Jan. 1962.

FRUNZE. KIRGIZSKII NAUCHNO-ISSLEDOVATEL'SKII INSTITUT ZEMLEDELIIA. Trudy [KIRGHIZ SCIENTIFIC RESEARCH INSTITUTE OF AGRICULTURE. Transactions]. No 3, 1960
(DA)

KAZAKSTANNYN AUYL SHARUASHYLYGY [KAZAKHSIAN AGRICULTURE]. Alma-Ata, no. 12, Dec 1961. [In Kazakh]

KIEV. UKRAINS'KA AKADEMIIA SIL'S'KOHOSPODARS'KYKH NAUK. Dopovidi [UKRAINIAN ACADEMY OF AGRICULTURAL SCIENCES. Reports]. No 3, Mar - Apr 1960.

KOLHOSPNYK UKRAINY [COLLECTIVE FARMER OF THE UKRAINE] Issued by Ministerstvo sil's'koho hospodarstva URSR [Ministry of Agriculture of the Ukrainian S.S.R.]. Kiev, vol 9, no. 3(91), Mar. 1962

KYRGYZSTANDYN AIYL CHARBASY [AGRICULTURE OF KIRGHIZISTAN]. Issued by the Ministry of Agriculture of the Kirghiz S.S.R. Frunze, no. 12, Dec. 1961, no. 1, 1962. [In Kirghiz]

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT MEKHANIZATSII SEL'SKOGO KHOZIAISTVA. Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE FOR THE MECHANIZATION OF AGRICULTURE. Transactions] Moscow, vol. 26, 1960.

PERSIANOVKA. AZOVO-CHERNOMORSKII SEL'SKOKHOZIAISTVENNYI INSTITUT. Sbornik nauchno-issledovatel'skikh rabot [AZOV-BLACK SEA AGRICULTURAL INSTITUTE. Papers]. Novocherkassk, vol. 18, 1960.
(DA)

*POCHVOVEDENIE [SOIL SCIENCE]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, no. 2, Feb. 1962.

SEL'SKII MEKHANIZATOR [THE RURAL MECHANIC] Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, nos. 1, 3, 1962.

SEL'SKOE KHOZIAISTVO KAZAKHSTANA [AGRICULTURE OF KAZAKHSTAN]. Issued by TSentral'nyi Komitet Kommunisticheskoi partii Kazakhstana [Central Committee of the Communist Party of Kazakhstan]. Alma-Ata, vol. 10, no. 2, Feb. 1962.

SEL'SKOE KHOZIAISTVO PODMOSKOV'IA [AGRICULTURE OF THE MOSCOW REGION]. Organ of Oblastnoe upravlenie sel'skogo khoziaistva [Province Administration of Agriculture]. Moscow, vol. 11, no. 3, Mar. 1962.

SEL'SKOE KHOZIAISTVO SEVERO-ZAPADNOI ZONY [AGRICULTURE OF THE NORTHWESTERN ZONE]. Issued by Ministerstvo sel'skogo khoziaistva RSFSR [Ministry of Agriculture of the R.S.F.S.R.]. Leningrad, vol. 4, no. 3, Mar. 1962.

SEL'SKOE KHOZIAISTVO SIBIRI [AGRICULTURE OF SIBERIA]. Organ of Ministerstvo sel'skogo khoziaistva RSFSR [Ministry of Agriculture of the R.S.F.S.R.]. Omsk, vol. 7, no. 3, Mar. 1962.

SEL'SKOE KHOZIAISTVO TADZHIKISTANA [AGRICULTURE OF TAJIKISTAN]. Organ of Ministerstvo sel'skogo khoziaistva Tadzhikskoi SSR [Ministry of Agriculture of the Tajik S.S.R.]. Dushanbe, vol. 16, no. 3, Mar. 1962.

SEL'SKOE KHOZIAISTVO UZBEKISTANA [AGRICULTURE OF UZBEKISTAN]. Issued by Ministerstvo sel'skogo khoziaistva Uzbekskoi SSR [Ministry of Agriculture of the Uzbek S.S.R.]. Tashkent, vol. 23, no. 2, Feb. 1962.

SEL'SKOKHOZIAISTVENNAIA LITERATURA SSSR [AGRICULTURAL LITERATURE OF THE U.S.S.R.]. Issued by TSentral'naia nauchnaia sel'skokhoziaistvennaia biblioteka [Central Agricultural Library]. Moscow, nos. 10-11, 1961.

SOCIALISTINIS ZEMES UKIS [SOCIALIST AGRICULTURE]. Issued by Lietuvos TSR Zemes ukio ministerija [Ministry of Agriculture of the Lithuanian S.S.R.]. Vilnius, nos. 2-4, Feb.-Apr. 1962. [In Lithuanian]

SOTSIALISTICHESKOE SEL'SKOE KHOZIAISTVO AZERBAIDZHANA [SOCIALIST AGRICULTURE OF AZERBAIJAN]. Issued by Ministerstvo sel'skogo khoziaistva Azerbaidzhanskoi SSR [Ministry of Agriculture of the Azerbaijan S.S.R.]. Baku, vol. 11, no. 2, Feb. 1962.

SOTSIALISTLIK POLLUMAJANDUS [SOCIALIST AGRICULTURE]. Issued by Eesti NSV Pollumajanduse Ministeerium [Ministry of Agriculture of the Estonian S.S.R.]. Tallinn, vol. 17, nos. 6-7, Mar.-Apr. 1962. [In Estonian]

TEKHNIKA V SEL'SKOM KHOZIAISTVE [MACHINERY IN AGRICULTURE]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 22, no 3, Mar. 1962.

b. ANIMAL INDUSTRY

AKADEMIIA NAUK TADZHIKSKOI SSR, Stalinabad. Institut zhivotnovodstva i veterinarii. Trudy [ACADEMY OF SCIENCES OF THE TAJIK S.S.R. Institute of Animal Husbandry and Veterinary Medicine. Transactions] Stalinabad, vol. 3, no. 4, 1959
Contents: Sin'kovskii, L.P. [Wormwood species of the subgenus Seriphidium as forage plants and experiments in introduction in Central Asia] Polyni iz podroda Seriphidium kak kormovye rastenila i opyt vvedenila ikh v kul'turu v Srednei Azii. 168 p.
Vol. 4, no. 5, 1960.
Vol. 5, no. 6, 1961.

ASKANIYA-NOVA. UKRAINS'KYI NAUKOVO-DOSLIDNYI INSTYTUT TVARYNNYTSTVA STEPOVYKH RAIONIV. Naukovi pratsi [UKRAINIAN SCIENTIFIC RESEARCH INSTITUTE OF ANIMAL HUSBANDRY OF THE STEPPE REGIONS. Studies]. Kiev, vol 9, 1961
(DA)

KONEVODSTVO I KONNYI SPORT [HORSE BREEDING AND EQUINE SPORTS]. Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 31, nos. 10-12, Oct.-Dec. 1961, vol. 32, nos 1-3, Jan.-Mar. 1962.
(DA)

KROLIKOVODSTVO I ZVEROVODSTVO [RABBIT BREEDING AND FUR FARMING]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol 4, no. 10, Oct. 1961, vol. 5, nos. 2-3, Feb.-Mar. 1962.
(DA)

LATVIJAS PADOMJU SOCIALISTISKAS REPUBLIKAS ZINATNU AKADEMIJA. Zootechnikas un zoohigienas institute. Raksti. Sbornik trudov Instituta zootekhniki i zoogigieny [ACADEMY OF SCIENCES OF THE LATVIAN S.S.R. Institute of Animal Husbandry and Veterinary Hygiene. Transactions]. Riga, vol. 5, 1954, vol. 6, 1955.
(DA)

MOLOCHNAIA PROMYSHLENNOST' [DAIRY INDUSTRY]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva pishchevoi promyshlennosti [State Committee of the Council of Ministers of the U.S.S.R. on the Coordination of Research and the Central Administration of the Scientific Technological Society of the Food Industry]. Moscow, vol. 23, no. 3, Mar. 1962.

MOLOCHNOE I MIASNOE SKOTOVODSTVO [DAIRY AND BEEF CATTLE BREEDING]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 5, nos. 2-4, 6-10, Feb.-Apr., June-Oct. 1960, vol 6, nos. 4-6, Apr.-June 1961.
(DA)

MOLOCHNOE I MIASNOE ZHIVOTNOVODSTVO [DAIRY AND BEEF CATTLE BREEDING]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 4, no. 6, 1959.
(DA)

MOSCOW. NAUCHNO-ISSLEDOVATEL'SKII INSTITUT PUSHNOGO ZVEROVODSTVA I KHOLIKOVODSTVA. Nauchnye trudy [SCIENTIFIC RESEARCH INSTITUTE OF FUR FARMING AND RABBIT BREEDING. Studies]. Vol. 5, 1960.

OKHOTA I OKHOTNICH'E KHOZIAISTVO [HUNTING AND GAME MANAGEMENT]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 8, no. 3, Mar. 1962.

PTITSEVODSTVO [POULTRY RAISING]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, nos. 10-12, Oct.-Dec. 1961; nos. 1-3, Jan.-Mar. 1962.
(DA)

RATSIONALIZATSIIA OKHOTNICH'EGO PROMYSLA [IMPROVING COMMERCIAL HUNTING]. Moscow, no. 3, 1959.

RYBNOE KHOZIAISTVO [FISHERIES]. Organ of VNIRO Glavnogo upravlenila rybnogo khoziaistva pri Gosplane SSSR [All-Union Scientific Institute of Maritime Fisheries and Oceanography of the Main Administration of Fisheries, Attached to the State Planning Commission of the U.S.S.R.]. Moscow, vol. 37, nos. 10-11, 1961; vol. 38, no. 3, 1962.

RYBOVODSTVO I RYBOLOVSTVO [PISCICULTURE AND FISHING]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U. S. S. R.]. Moscow, vol. 5, no. 2, Mar.-Apr. 1962

SVINOVODSTVO [SWINE BREEDING]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U. S. S. R.]. Moscow, vol 16, nos 3-4, Mar.-Apr. 1962.
(DA)

VETERINARIIA [VETERINARY MEDICINE]. Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U. S. S. R.]. Moscow, vol. 38, no. 12, Dec. 1961, vol. 39, nos. 2-3, Feb.-Apr. 1962.
(DA)

ZHIVOTNOVODSTVO [ANIMAL HUSBANDRY]. Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U. S. S. R.]. Moscow, vol. 23, nos. 9-12, Sep.-Dec. 1961, vol. 24, nos. 1-4, Jan.-Apr. 1962.
(DA)

c. FORESTRY

LESNOE KHOZIAISTVO [FORESTRY] Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U. S. S. R.]. Moscow, vol 15, nos 1-3, Jan.-Mar. 1962

MASTER LESA [MASTER LUMBERMAN] Issued by TsK Profsoiuza rabochikh lesnoi, bumazhnoi i derevoobrabatyvaiushchei promyshlennosti [Central Committee of the Trade Union of Workers of the Forest, Paper, and Woodworking Industries]. Moscow, vol. 6, no. 2, Feb. 1962.

MUSU GIRIOS [OUR FORESTS]. Issued by Lietuvos TSR Misku ukio ir misko pramones ministerija and Gamtos apsaugos komitetas prie Lietuvos TSR Ministru Tarybos [Ministry of Forestry and Lumbering of the Lithuanian S. S. R. and the Committee on Conservation Attached to the Council of Ministers of the Lithuanian S. S. R.]. Vilnius, no. 3(164), Mar. 1962. [In Lithuanian]

d. PLANT CULTURE

KHLOPKOVODSTVO [COTTON GROWING] Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U. S. S. R.]. Moscow, vol. 11, nos. 11-12, Nov.-Dec. 1961, vol. 12, nos. 1-4, Jan.-Apr. 1962
(DA)

LEN I KONOPLIA [FLAX AND HEMP] Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U. S. S. R.]. Moscow, vol. 6(23), nos. 11-12, Nov.-Dec. 1961, vol. 7(24), no. 3, Mar. 1962

RAMON', VSEROSSIISKII NAUCHNO-ISSLEDOVATEL'SKII INSTITUT SAKHARNOI SVEKLY I SAKHARA. Trudy [ALL-RUSSIAN SCIENTIFIC RESEARCH INSTITUTE OF SUGAR BEETS AND SUGAR. Transactions]. Voronezh, vol 1, no 2, 1961.

SADOVODSTVO [HORTICULTURE]. Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U. S. S. R.]. Moscow, vol. 99, nos. 11-12, Nov.-Dec. 1961, vol. 100, nos. 1-4, Jan.-Apr. 1962.
(DA)

SAKHARNAIA SVEKLA [SUGAR BEETS]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U. S. S. R.]. Moscow, vol. 7, nos. 1-3, Jan.-Mar. 1962.
(DA)

SUBTROPICHESKIE KUL'TURY [SUBTROPICAL CROPS]. Issued by Vsesoiuznyi nauchno-issledovatel'skii institut chaia i subtropicheskikh kul'tur [All-Union Scientific Research Institute of Tea and Subtropical Crops]. Makharadze, no. 4, 1961.

TABAK [TOBACCO]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva pishchevoi promyshlennosti [State Committee of the Council of Ministers of the U. S. S. R. on the Coordination of Research and the Central Administration of the Scientific Technological Society of the Food Industry]. Moscow, vol. 23, no. 1, 1962.
(DA)

TSVETOVODSTVO [FLORICULTURE]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U. S. S. R.]. Moscow, vol. 4, nos. 9-12, 1961, vol. 5, nos. 1-3, 1962.
(DA)

UZBEKSKAIA AKADEMIIA SEL'SKOKHOZIAISTVENNYKH NAUK Nauchno-issledovatel'skii institut sadovodstva, vinogradarstva i vinodeliia. Trudy [UZBEK ACADEMY OF AGRICULTURAL SCIENCES. Scientific Research Institute of Fruit Culture, Viticulture, and Wine Making. Transactions] Tashkent, vol 21, 1960
(DA)

VINODELIE I VINOGRADARSTVO SSSR [VITICULTURE AND WINE MAKING IN THE U. S. S. R.]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva pishchevoi promyshlennosti [State Committee of the Council of Ministers of the U. S. S. R. on the Coordination of Research and the Central Administration of the Scientific Technological Society of the Food Industry]. Moscow, vol. 22, no. 2(209), 1962.

YALTA GOSUDARSTVENNYI NIKITSKII BOTANICHESKII SAD Trudy [NIKITA STATE BOTANICAL GARDEN. Transactions]. Vol. 34, 1960
Contents: Arendt, N. K., Rikhter, A. A. [Species, varieties, and best hybrids of subtropical and nut bearing plants, growing at the Nikita Botanical Garden] Vidy, sorta i luchshie gibridnye formy subtropicheskikh i orekhoplodnykh porod, proizrastaiushchie v Gosudarstvennom Nikitskom botanicheskom sadu. 74 p.

ZEMLEDELIE [AGRICULTURE]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U. S. S. R.]. Moscow, vol 24, nos. 2-3, Feb.-Mar. 1962.

16. TECHNOLOGY

a. GENERAL

*BIULLETEN' IZOBRETENII [BULLETIN ON INVENTIONS]. Issued by Komitet po delam izobretenii i otkrytii pri Sovete Ministrov SSSR [Committee on Inventions and Discoveries, Attached to the Council of Ministers of the U. S. S. R.]. Moscow, vol. 39, no. 3, Feb. 1962.

EZHEMESIACHNYI BIULLETEN' IZOBRETENII [MONTHLY BULLETIN ON INVENTIONS]. Issued by Patentnoe upravlenie Komiteta po izobreteniiam i otkrytiiam pri Sovete Ministrov SSSR [Patent Administration of the Committee on Inventions and Discoveries, Attached to the Council of Ministers of the U. S. S. R.]. Moscow, no. 12, Dec. 1948, nos. 8, 11, Aug., Nov. 1949.
[PHOTOCOPY]

INFORMATSIONNYI UKAZATEL' STANDARTOV [INFORMATION INDEX OF STANDARDS]. Published by Gosudarstvennoe izdatel'stvo po standartizatsii [State Publishing House on Standardization]. Moscow, vol. 23, no. 1, 1962.

INZHENERNO-FIZICHESKII ZHURNAL [JOURNAL OF ENGINEERING PHYSICS]. Issued by Akademiia nauk BSSR [Academy of Sciences of the White Russian S. S. R.]. Minsk, vol. 5, nos. 1, 3, Jan., Mar. 1962.

IZOBRETATEL' I RATSIONALIZATOR [INVENTOR AND EFFICIENCY PROMOTER]. Issued by Vsesoiuznoe obshchestvo izobretatelei i ratsionalizatorov [All-Union Society of Inventors and Efficiency Promoters]. Moscow, no. 2, Feb. 1962.

LENINGRAD. POLITEKHNICHESKII INSTITUT. Trudy [POLYTECHNIC INSTITUTE. Transactions]. No. 217, 1961.

MOKSLAS IR TECHNIKA [SCIENCE AND TECHNOLOGY]. Issued by Lietuvos TSR Ministru Tarybos Valstybinis mokslinio tyrimo darbu koordinavimo komitetas [State Committee of the Council of Ministers of the Lithuanian S. S. R. on the Coordination of Research] and others. Kaunas, no. 3, Mar. 1962. [In Lithuanian]

MOSCOW. TSENTRAL'NYI INSTITUT TEKHNIKO-EKONOMICHESKOI INFORMATSII. Biulleten' tekhniko-ekonomicheskoi informatsii [CENTRAL INSTITUTE OF TECHNICAL AND ECONOMIC INFORMATION. Bulletin of Technical and Economic Information]. No. 2, 1962.

NAUKA - PROIZVODSTVU [SCIENCE IN THE SERVICE OF INDUSTRY]. Issued by Akademiia nauk Latviiskoi SSSR [Academy of Sciences of the Latvian S. S. R.]. Riga, no. 6, 1961.

NOVYE KNIGI ZA RUBEZHOM. Seriia B: Tekhnika [NEW FOREIGN BOOKS. Series B: Technology]. Published by Izdatel'stvo inostrannoi literatury [Publishing House of Foreign Literature]. Moscow, vol. 6, no. 3, 1962.

OBZOR POL'SKOI TEKHNICHESKOI LITERATURY. POLISH TECHNICAL ABSTRACTS Issued by Centralny Instytut Informacji naukowo-technicznej i ekonomicznej [Central Institute of Scientific, Technical, and Economic Information]. Warsaw, nos. 1(11), 4(14), 1961.

REFERATIVNYI ZHURNAL. OTDEL'NYI VYPUSK 32 IZMERITEL'NAIA TEKHNIKA [JOURNAL OF ABSTRACTS. SEPARATE ISSUE 32 MEASUREMENT TECHNIQUES]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 1-5, Jan.-Mar. 1962.

SVERDLOVSK. URAL'SKII POLITEKHNICHESKII INSTITUT. Trudy [URAL POLYTECHNIC INSTITUTE. Transactions] Moscow, no. 93, 1959.

TEHNIKA JA TOOTMINE [TECHNOLOGY AND PRODUCTION]. Issued by Eesti NSV Ministrite Noukogu Riikliku Teadusliik-Tehnilise Komitee and Eesti NSV Ametiühingute Noukogu [State Scientific Technological Committee of the Council of Ministers of the Estonian S. S. R. and the Council of Trade Unions of the Estonian S. S. R.]. Tallinn, no. 3, Mar. 1962. [In Estonian]

b. AERONAUTICS

AVIATSIIA I KOSMONAVTIKA [AVIATION AND ASTRONAUTICS]. Moscow, vol. 11, nos. 2-3, 1962.

KAZAN. AVIATSIONNYI INSTITUT. Trudy [AERONAUTICAL INSTITUTE. Transactions]. No. 60, 1960.
Contents: Matveev, G. A. [A method for generating tooth surfaces of hyperboloid gears] Odin iz sposobov obrazovaniia poverkhnostei zub'ev giperboloidnykh koles 23 p

MOSCOW. AVIATSIONNYI INSTITUT. Trudy [AERONAUTICAL INSTITUTE. Transactions]. No. 141, 1961.
Contents. Belousov, A. P. [Parametric amplifiers with diode condensers] Parametricheskie usiliteli s diodnym kondensatorom. 102 p.

REFERATIVNYI ZHURNAL. OTDEL'NYI VYPUSK 41. RAKETNAIA TEKHNIKA I APPARATY KOSMICHESKOGO POLETA [JOURNAL OF ABSTRACTS. SEPARATE ISSUE 41. ROCKET ENGINEERING AND SPACE FLIGHT EQUIPMENT]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, nos. 1-6, Jan.-Mar. 1962.

REFERATIVNYI ZHURNAL: VOZDUSHNYI TRANSPORT [JOURNAL OF ABSTRACTS. AIR TRANSPORTATION] Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, nos. 1-3, Jan.-Mar. 1962.

VOPROSY RAKETNOI TEKHNIKI; sbornik perevodov i obzorov inostrannoi periodicheskoi literatury [PROBLEMS OF ROCKET ENGINEERING; Translations and Surveys of Foreign Periodical Literature]. Published by Izd-vo inostrannoi lit-ry [Publishing House of Foreign Literature]. Moscow, vol. 12, no. 3(87), 1962.

c. CHEMICAL TECHNOLOGY

GORIUCHIE SLANTSY; KHIMIIA I TEKHNOLOGIIA [COMBUSTIBLE SHALES; CHEMISTRY AND TECHNOLOGY]. Issued by Institut khimii Akademii nauk Estonskoi SSR [Institute of Chemistry of the Academy of Sciences of the Estonian S. S. R.]. Tallinn, no. 4, 1961.

KHIMICHESKOE MASHINOSTROENIE [CHEMICAL MACHINERY MANUFACTURE]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroeniiu [State Committee of the Council of Ministers of the U. S. S. R. for Automation and Machinery Manufacture]. Moscow, no. 2, Mar.-Apr. 1962.

*KOKS I KHIMIIA [COKE AND CHEMISTRY]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii i nauchno-issledovatel'skikh rabot and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva chernoi metallurgii [State Committee of the Council of Ministers of the U. S. S. R. on the Coordination of Research and the Central Administration of the Scientific Technological Society of Ferrous Metallurgy]. Moscow, nos. 2-3, 1962.

LAKOKRASOCHNYE MATERIALY I IKH PRIMENENIE [LACQUER AND PAINT MATERIALS AND THEIR USE]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po khimii [State Committee for Chemistry of the Council of Ministers of the U. S. S. R.]. Moscow, nos. 5-6, 1961.

LENINGRAD. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT PERERABOTKI I ISPOL'ZOVANIIA TOPLIVA. Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE ON THE PROCESSING AND UTILIZATION OF FUEL. Transactions]. No 10, 1961.

REFERATIVNYI ZHURNAL. OTDEL'NYI VYPUSK 34 KOMPRESSORY I KHOLODIL'NAIA TEKHNIKA [JOURNAL OF ABSTRACTS SEPARATE ISSUE 34. COMPRESSORS AND REFRIGERATION ENGINEERING]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 1-5, Jan.-Mar. 1962.

REFERATIVNYI ZHURNAL. OTDEL'NYI VYPUSK 47: KHIMICHESKOI MASHINOSTROENIE [JOURNAL OF ABSTRACTS. SEPARATE ISSUE 47 CHEMICAL MACHINERY MANUFACTURE]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 1-4, Jan.-Feb. 1962.

SPIRTOVAIA PROMYSHLENNOST' [DISTILLING INDUSTRY]. Issued by Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva pishchevoi promyshlennosti [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R. and the Central Administration of the Scientific Technological Society of the Food Industry]. Moscow, vol 28, no 2, 1962

*STEKLO I KERAMIKA [GLASS AND CERAMICS] Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U.S.S.R. for Construction]. Moscow, vol. 18, no. 11, Nov. 1961; vol. 19, nos. 1-3, Jan.-Mar. 1962.

ZHURNAL NAUCHNOI I PRIKLADNOI FOTOGRAFII I KINEMATOGRAFII [JOURNAL OF SCIENTIFIC AND APPLIED PHOTOGRAPHY AND CINEMATOGRAPHY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 7, no. 1, Jan.-Feb 1962.

d CIVIL & CONSTRUCTION ENGINEERING

AKADEMIIA KOMMUNAL'NOGO KHOZIAISTVA. Sbornik nauchnykh rabot [ACADEMY OF COMMUNAL ECONOMY. Papers]. Moscow, no. 6, 1961.

AKADEMIIA NAUK SSSR, Kazanskii filial. Izvestiia. Seriia energetiki i vodnogo khoziaistva [ACADEMY OF SCIENCES OF THE U.S.S.R. Kazan Branch. Bulletin Series on Electric Power and Water Resources]. Kazan, no. 2, 1961.

AKADEMIIA NAUK SSSR, Kazanskii filial. Trudy, Seriia energetiki i vodnogo khoziaistva [ACADEMY OF SCIENCES OF THE U.S.S.R. Kazan Branch. Transactions Series on Electric Power and Water Resources]. Kazan, no. 2, 1961

AKADEMIIA NAUK TADZHIKSKOI SSR, Stalinabad. Institut seismostoikogo stroitel'stva i seismologii. Trudy [ACADEMY OF SCIENCES OF THE TAJIK S.S.R. Institute of Earthquakeproof Construction and Seismology. Transactions]. Stalinabad, vol. 6, 1960.

AKADEMIIA NAUK URSR, Kiev. Instytut hidrologii i hidrotekhniky. Visti [ACADEMY OF SCIENCE OF THE UKRAINIAN S.S.R. Institute of Hydrology and Hydraulic Engineering. Bulletin]. Kiev, vol. 18, 1961.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut stroitel'nykh konstruktsii. Trudy [ACADEMY OF CONSTRUCTION AND ARCHITECTURE OF THE U.S.S.R. Institute of Construction Design. Transactions]. Moscow, no. 7, 1961.

AVTOMOBIL'NYE DOROGI [HIGHWAYS]. Issued by Ministerstvo transportnogo stroitel'stva SSSR [Ministry of Construction for the Transportation Industry of the U.S.S.R.]. Moscow, vol. 25, no. 3(233), Mar. 1962.

BETON I ZHELEZOBETON [CONCRETE AND REINFORCED CONCRETE]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U.S.S.R. for Construction]. Moscow, vol. 8, no. 3, Mar. 1962.

GIDROTEKHNICHESKOE STROITEL'STVO [HYDROTECHNICAL CONSTRUCTION]. Issued by Ministerstvo stroitel'stva elektrostantsii SSSR [Ministry for the Construction of Electric Power Stations of the U.S.S.R.]. Moscow, vol. 32, no. 1, Jan. 1962.

GIDROTEKHNIKA; nauchnye trudy [HYDRAULIC ENGINEERING; Studies]. Issued by Otdel Uchebnykh zavedenii Ministerstva morskogo flota SSSR [Department of the Institutions of Learning of the Ministry of the Merchant Marine]. Moscow, no. 1, 1961.

LATVIJAS PADOMJU SOCIALISTISKAS REPUBLIKAS ZINATNU AKADEMIJA. Arhitektūras un celtniecības institūts. Issledovaniia po betonu i zhelezobetonu; sbornik statei [ACADEMY OF SCIENCES OF THE LATVIAN S.S.R. Institute of Architecture and Construction. Research on Concrete and Reinforced Concrete, Papers]. Riga, vol. 6, 1961.

LENINGRAD. INZHENERNO-STROITEL'NYI INSTITUT. Sbornik nauchnykh trudov [CIVIL ENGINEERING INSTITUTE. Collected Papers]. No. 24, 1956.

MEKHANIZATSIIA STROITEL'STVA [MECHANIZATION OF CONSTRUCTION] Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva stroitel'noi industrii [State Committee of the Council of Ministers of the U.S.S.R. for Construction and the Central Administration of the Scientific Technological Society of the Construction Industry]. Moscow, vol. 19, no. 3, Mar 1962.

MOSCOW. INSTITUT INZHENEROV VODNOGO KHOZIAISTVA. Nauchnye zapiski [INSTITUTE OF WATER RESOURCES ENGINEERS. Studies]. Vol. 19, 1957

PROMYSHLENNOE STROITEL'STVO [INDUSTRIAL CONSTRUCTION]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva stroitel'noi industrii [State Committee of the Council of Ministers of the U.S.S.R. for Construction and the Central Administration of the Scientific Technological Society of the Building Industry]. Moscow, vol. 40, no 3, 1962.

PROMYSHLENNOE STROITEL'STVO I INZHENERNYE SOORUZHENIIA [INDUSTRIAL CONSTRUCTION AND ENGINEERING STRUCTURES]. Issued by Naukovo-doslidnyi instytut vprovadzhennia peredovoho dosvidu v budivnytstvo i tekhnichnoi informatsii Akademii budivnytstva i arkhitektury URSR [Scientific Research Institute for the Introduction of Progressive Practices in Construction and of Technical Information of the Academy of Construction and Architecture of the Ukrainian S.S.R.]. Kiev, vol. 3, no. 2(9), Mar.-Apr. 1961.

PUT' I PUTEVOE KHOZIAISTVO [RAILROAD TRACKS AND ROADWAY MAINTENANCE]. Organ of Ministerstvo putei soobshchenia SSSR [Ministry of Railroad Transportation of the U.S.S.R.]. Moscow, vol. 6, no. 3, Mar. 1962.

RASCHIET PROSTRANTSVENNYKH KONSTRUKTSII [CALCULATION OF SPATIAL STRUCTURES]. Moscow, no 6, 1961.

SIL'SKE BUDIVNYTSTVO [RURAL CONSTRUCTION]. Issued by Ukrains'ke respublikans'ke ob"iednannia Rady Ministriv URSR "Ukrsil'hosptekhnika" [Ukrainian Republic Association "Ukrsil'hosptekhnika" of the Council of Ministers of the Ukrainian S.S.R.]. Kiev, vol. 11, no 11, Nov. 1961.

STROITEL'NYE MATERIALY [BUILDING MATERIALS]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U.S.S.R. for Construction]. Moscow, vol. 8, no. 2, Feb. 1962.

STROITEL'STVO [CONSTRUCTION]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U.S.S.R. for Construction]. Moscow, nos. 5-12, May-Dec. 1952, nos. 1-4, Jan.-Apr. 1953.

*TSEMENT [CEMENT]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U.S.S.R. for Construction]. Moscow, vol. 27, no 6, Nov.-Dec. 1961.

e. ELECTRICAL ENGINEERING

AKADEMIIA NAUK SSSR. Izvestiia. Otdelenie tekhnicheskikh nauk. Energetika i avtomatika [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin. Department of Technological Sciences. Power Engineering and Automatic Control]. Moscow, no. 1, Jan.-Feb. 1962.

ANNOTIROVANNYI UKAZATEL' LITERATURY PO RADIOELEKTRONIKE [ANNOTATED BIBLIOGRAPHY ON ELECTRONICS]. Moscow, vol. 18, no. 5, 1962

*ATOMNAIA ENERGIIA [ATOMIC ENERGY] Issued by Akademiia nauk SSSR and Gosudarstvennyi komitet Soveta Ministrov SSSR po ispol'zovaniiu atomnoi energii [Academy of Sciences of the U.S.S.R. and the State Committee on the Use of Atomic Energy of the Council of Ministers of the U.S.S.R.]. Moscow, vol. 12, no. 4, Apr. 1962.

ATOMNAIA TEKHNIKA ZA RUBEZHOM [NUCLEAR ENGINEERING ABROAD]. Issued by Gosudarstvennyi Komitet Soveta Ministrov SSSR po ispol'zovaniiu atomnoi energii [State Committee of the Council of Ministers of the U.S.S.R. for the Utilization of Atomic Energy]. Moscow, vol 6, no 3, Mar. 1962

AVTOMATICHESKII KONTROL' I ELEKTRICHESKIE IZMERENIIA [AUTOMATIC CONTROL AND ELECTRIC MEASUREMENTS]. Issued by Institut avtomatiki i elektrometrii Sibirskogo otdeleniia Akademii nauk SSSR [Institute of Automatic Control and Electric Measurements of the Siberian Department of the Academy of Sciences of the U.S.S.R.]. Novosibirsk, no. 2, 1960

AVTOMATIKA, TELEMEKHANIKA I SVIAZ' [AUTOMATIC CONTROL, REMOTE CONTROL, AND COMMUNICATIONS]. Organ of Ministerstvo putei soobshcheniia SSSR [Ministry of Railroad Transportation of the U.S.S.R.]. Moscow, vol 6, nos 1-3, Jan.-Mar. 1962

AVTOMATIKA I PRIBOROSTROENIE [AUTOMATIC CONTROL AND INSTRUMENT MANUFACTURE]. Issued by Institut tekhnicheskoi informatsii Gosudarstvennogo komiteta Soveta Ministrov Ukrainskoi SSR po koordinatsii nauchno-issledovatel'skikh rabot and Institut avtomatiki Gosplana Ukrainskoi SSR [Institute of Technical Information of the State Committee of the Council of Ministers of the Ukrainian S.S.R. for the Coordination of Research and the Institute of Automatic Control of the State Planning Commission of the Ukrainian S.S.R.]. Kiev, no. 1, Jan.-Mar. 1962

*AVTOMATIKA I TELEMEKHANIKA [AUTOMATIC AND REMOTE CONTROL]. Issued by Institut avtomatiki i telemekhaniki Akademii nauk SSSR [Institute of Automatic and Remote Control of the Academy of Sciences of the U.S.S.R.]. Moscow, vol 23, no. 3, Mar 1962.

ELEKTRICHESKIE STANTSII [ELECTRIC POWER STATIONS]. Organ of Gosplan SSSR [State Planning Commission of the U.S.S.R.] and others. Moscow, vol 33, nos. 1-2, Jan.-Feb. 1962.

PROMYSHLENNAIA ENERGETIKA [INDUSTRIAL POWER]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot and Nauchno-tekhnicheskoe obshchestvo energeticheskoi promyshlennosti [State Committee of the Council of Ministers of the U.S.S.R. on the Coordination of Research and Scientific Technological Society of the Power Industry]. Moscow, vol. 17, no. 2, Feb 1962.

RADIO [RADIO]. Organ of Ministerstvo sviazi SSSR and Vsesoiuznoe dobrovol'noe obshchestvo sodeistviia armii, aviatsii i flotu [Ministry of Communication of the U.S.S.R. and of the All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy]. Moscow, no. 3, Mar. 1962

*RADIOTEKHNIKA I ELEKTRONIKA [RADIO ENGINEERING AND ELECTRONICS]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 7, no. 4, Apr. 1962.

REFERATIVNYI ZHURNAL: AVTOMATIKA I RADIOELEKTRONIKA [JOURNAL OF ABSTRACTS: AUTOMATIC CONTROL AND RADIO ENGINEERING]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 2, 1962.

REFERATIVNYI ZHURNAL: ELEKTROTEKHNIKA I ENERGETIKA [JOURNAL OF ABSTRACTS: ELECTRICAL ENGINEERING AND ELECTRIC POWER]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 3-5, 1962.

REFERATIVNYI ZHURNAL. OTDEL'NYI VYPUSK 42: SILOVYE USTANOVKI [JOURNAL OF ABSTRACTS. SEPARATE ISSUE 42: POWER PLANTS]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 1-5, Jan.-Mar. 1962.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; elektromekhanika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Electrical Machinery and Apparatus]. Novocherkassk, vol. 5, no. 2, 1962.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, energetika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Power Engineering]. Moscow, vol. 5, no. 2, Feb. 1962.

VESTNIK ELEKTROPROMYSHLENNOSTI [REVIEW OF THE ELECTRICAL INDUSTRY] Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot [State Committee of the Council of Ministers of the U.S.S.R. on the Coordination of Research] and others Moscow, vol. 33, no 3, Mar 1962

ZARUBEZHNAIA RADIOELEKTRONIKA [RADIO ENGINEERING ABROAD]. Moscow, vol. 17, no. 3, Mar. 1962.

f INDUSTRIES & TRADES

AKADEMIIA NAUK URSR, Kiev Instytut elektrozvariuvannia Avtomaticheskaia svarka [ACADEMY OF SCIENCES OF THE UKRAINIAN S.S.R. Institute of Electric Welding Automatic Welding]. Kiev, vol 15, no. 4(109), Apr. 1962.

BUMAZHNAIA PROMYSHLENNOST' [PAPER INDUSTRY]. Organ of Gosudarstvennyi komitet Soveta Ministrov RSFSR po koordinatsii nauchno-issledovatel'skikh rabot and TSentral'noe pravlenie NTO bumazhnoi i derevoobrabatyvaiushchei promyshlennosti [State Committee of the Council of Ministers of the R.S.F.S.R. on the Coordination of Research and the Central Administration of the Scientific Technological Society of the Paper and Woodworking Industry]. Moscow, vol. 37, no. 3, 1962.

KHLEBOPEKARNAIA I KONDITERSKAIA PROMYSHLENNOST' [BAKING AND CONFECTIONERY INDUSTRY]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva pishchevoi promyshlennosti [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R. and the Central Administration of the Scientific Technological Society of the Food Industry]. Moscow, vol. 6, no 3, Mar. 1962.

KOZHEVENNO-OBUVNAIA PROMYSHLENNOST' [LEATHER AND FOOTWEAR INDUSTRY]. Issued by Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR and TSentral'noe pravlenie NTO legkoi promyshlennosti [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R. and the Central Administration of the Scientific Technological Society of Light Industry]. Leningrad, vol. 4, no. 1, Jan. 1962.

MESTNAIA PROMYSHLENNOST' I KHUDOZHESTVENNYE PROMYSLY [LOCAL INDUSTRY AND ART TRADES]. Issued by Gosudarstvennyi komitet Soveta Ministrov RSFSR po delam mestnoi promyshlennosti i khudozhestvennykh promyslov and TsK Profsoiuza rabochikh mestnoi promyshlennosti i kommunal'nogo khoziaistva [State Committee of the Council of Ministers of the R.S.F.S.R. for Local Industry and Art Trades and the Central Committee of the Trade Union of Workers of Local Industries and Communal Economy]. Moscow, vol 3, no 3, Mar. 1962.

MUKOMOL'NO-ELEVATORNAIA PROMYSHLENNOST' [FLOUR MILLING AND GRAIN STORAGE]. Organ of Gosudarstvennyi komitet zagotovok Soveta Ministrov SSSR [State Committee for Procurement of the Council of Ministers of the U.S.S.R.]. Moscow, vol. 28, no. 2, Feb. 1962.

NOVOSTI TEKHNICHESKOI LITERATURY. Seriia "Miaso-molochnaia promyshlennost'" [NEWS OF TECHNOLOGICAL LITERATURE. Series "Meat and Dairy Industry"]. Issued by TSentral'naia nauchno-tekhnicheskaia biblioteka promyshlennosti prodovol'stvennykh tovarov [Central Technological Library for the Food Products Industry]. Moscow, nos. 1-4, 1961.

NOVOSTI TEKHNICHESKOI LITERATURY. Seriia: "Pishchevaia promyshlennost'" [NEWS OF TECHNOLOGICAL LITERATURE. Series "Food Industry"]. Issued by TSentral'naia nauchno-tekhnicheskaia biblioteka promyshlennosti prodovol'stvennykh tovarov [Central Technological Library for the Food Products Industry]. Moscow, nos. 1, 3-7, 1961.

REFERATIVNYI ZHURNAL: LEGKAIA PROMYSHLENNOST' [JOURNAL OF ABSTRACTS: LIGHT INDUSTRY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 1-5, Jan.-Mar. 1962.

*RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, tekhnologiia tekstil'noi promyshlennosti [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Technology of the Textile Industry]. Moscow, no. 1, 1962.

*SVAROCHNOE PROIZVODSTVO [WELDING PRACTICE]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot [State Committee of the Council of Ministers of the U.S.S.R. on the Coordination of Research] and others. Moscow, no. 1(301), Jan. 1962.

TEKSTIL'NAIA PROMYSHLENNOST' [TEXTILE INDUSTRY]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva legkoi promyshlennosti [State Committee of the Council of Ministers of the U.S.S.R. on Coordination of Research and the Central Administration of the Scientific Technological Society of Light Industry] Moscow, vol. 22, no. 2, Feb. 1962.

ZHURNAL MOD [FASHION MAGAZINE]. Issued by Vsesoiuznyi Institut assortimenta izdelii legkoi promyshlennosti i kul'tury odezhdy [All-Union Institute of Manufactures and Fashions]. Moscow, vol. 17, no. 4(68), 1962.

g. MECHANICAL ENGINEERING

AKADEMIIA NAUK SSSR. Izvestiia Otdelenie tekhnicheskikh nauk. Mekhanika i mashinostroenie [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin. Department of Technological Sciences. Mechanics and Machine Building]. Moscow, no. 1, Jan.-Feb. 1962.

AKADEMIIA NAUK URSR, Kiev Laboratoriia hidravlichnykh mashyn. Sbornik trudov [ACADEMY OF SCIENCES OF THE UKRAINIAN S.S.R. Laboratory of Hydraulic Machinery. Collected Papers] Kiev, no. 9, 1961.

AKADEMIIA NAVUK BSSR, Minsk. Instytut mashynaznaustva i automatyzatsyi. Sbornik trudov [ACADEMY OF SCIENCES OF THE WHITE RUSSIAN S.S.R. Institute of Mechanical Engineering and Automation. Papers]. Minsk, no. 2, 1961.

AVTOMOBIL'NYI TRANSPORT ZA RUBEZHOM, sbornik perevodnykh materialov iz inostrannoi periodicheskoi literatury po voprosam avtomobil'nogo transporta [AUTOMOTIVE TRANSPORTATION ABROAD. Translations of Foreign Periodical Literature on Problems of Automotive Transportation]. Issued by Gosudarstvennyi nauchno-issledovatel'skii institut avtomobil'nogo transporta [State Scientific Research Institute of Automotive Transportation]. Moscow, nos. 7-9, 1961.

BRYANSK, INSTITUT TRANSPORTNOGO MASHINOSTROENIIA, Bezhitsa. Sbornik trudov [INSTITUTE OF THE MANUFACTURE OF TRANSPORTATION EQUIPMENT. Papers]. Moscow, no. 20, 1961.

ENERGOMASHINOSTROENIE [POWER MACHINERY CONSTRUCTION]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroeniiu [State Committee of the Council of Ministers of the U.S.S.R. for Automation and Machinery Manufacture]. Moscow, vol. 8, no. 1, Jan. 1962.

INZHENERNYI ZHURNAL [ENGINEERING JOURNAL]. Organ of Otdelenie tekhnicheskikh nauk and Institut mekhaniki Akademii nauk SSSR [Department of Technological Sciences and the Institute of Mechanics of the Academy of Sciences of the U.S.S.R.]. Moscow, vol. 2, no. 1, 1962.

KUZNECHNO-SHTAMPOVOCHNOE PROIZVODSTVO [FORGING AND STAMPING]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroeniiu and Nauchno-tekhnicheskoe obshchestvo mashinostroitel'noi promyshlennosti [State Committee of the Council of Ministers of the U.S.S.R. for Automation and Machinery Manufacture and the Scientific Technological Society of the Machinery Industry]. Moscow, vol. 4, no. 3, Mar. 1962.

MASHINOSTROITEL' [MACHINE BUILDER]. Organ of Nauchno-tekhnicheskoe obshchestvo mashinostroitel'noi promyshlennosti [Scientific-Technological Society of the Machinery Manufacturing Industry]. Moscow, no. 3, Mar. 1962.

MOSCOW, MOSKOVSKII ENERGETICHESKII INSTITUT. Trudy [MOSCOW POWER ENGINEERING INSTITUTE. Transactions]. No. 33, 1960.

MOSCOW, VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT ZHELEZNODOROZHNOGO TRANSPORTA. Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF RAILROAD TRANSPORTATION. Transactions]. No. 232, 1961.
Contents: Dubitskii, M. N., Ivanov, K. E. [Determining the economic efficiency of the measures for the mechanization of track overhauling operations] Opredelenie ekonomicheskoi effektivnosti meropriiatii po mekhanizatsii kapital'nykh putevykh rabot. 92 p.

NAUCHNO-TEKHNICHESKII SBORNIK PO PRIBOROSTROENIIU [TECHNICAL PAPERS ON INSTRUMENT MANUFACTURE]. Issued by Latvilskoe respublikanskoe pravlenie Nauchno-tekhnicheskogo obshchestva priborostroitel'noi promyshlennosti [Latvian Republic Administration of the Scientific Technological Society of the Instrument Industry]. Riga, no. 2, 1959.

PRYKLADNA MEKHANIKA [APPLIED MECHANICS]. Issued by Instytut budivel'noi mekhaniky Akademii nauk URSR [Institute of Structural Mechanics of the Academy of Sciences of the Ukrainian S.S.R.]. Kiev, vol. 8, no. 2, 1962.

REFERATIVNYI ZHURNAL AVTOMOBIL'NYI I GORODSKOI TRANSPORT [JOURNAL OF ABSTRACTS: AUTOMOTIVE AND CITY TRANSPORTATION]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 1-3, Jan.-Mar. 1962.

REFERATIVNYI ZHURNAL MASHINOSTROENIE [JOURNAL OF ABSTRACTS. MACHINERY MANUFACTURE] Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.] Moscow, nos. 1-6, 1962.

REFERATIVNYI ZHURNAL. OTDEL'NYI VYPUSK 10: PRIBORY TOCHNOI MEKHANIKI I ISPYTATEL'NYE USTANOVKI [JOURNAL OF ABSTRACTS. SEPARATE ISSUE 10: PRECISION INSTRUMENTS AND TESTING EQUIPMENT] Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 1-6, Jan.-Mar. 1962.

REFERATIVNYI ZHURNAL. OTDEL'NYI VYPUSK 11 STROITEL'NOE I DOROZHNOE MASHINOSTROENIE. GORNYE MASHINY [JOURNAL OF ABSTRACTS SEPARATE ISSUE 11 MANUFACTURE OF CONSTRUCTION EQUIPMENT AND ROAD MACHINERY. MINING MACHINERY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 1-2, 4-6, Jan.-Mar. 1962.

REFERATIVNYI ZHURNAL. OTDEL'NYI VYPUSK 44 TRAKTORY SEL'SKOKHOZIAISTVENNYI MASHINY [JOURNAL OF ABSTRACTS. SEPARATE ISSUE 44: TRACTORS AND AGRICULTURAL MACHINERY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 1-6, Jan.-Mar. 1962.

REFERATIVNYI ZHURNAL. OTDEL'NYI VYPUSK 45: TRUBOPROVODNYI TRANSPORT [JOURNAL OF ABSTRACTS. SEPARATE ISSUE 45: PIPELINE TRANSPORTATION]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.] Moscow, nos. 1-3, Jan.-Mar. 1962.

REFERATIVNYI ZHURNAL. OTDEL'NYI VYPUSK 46. FOTO-KINOAPPARATURA I OPTICHESKIE PRIBORY [JOURNAL OF ABSTRACTS. SEPARATE ISSUE 46: PHOTOGRAPHIC AND MOTION-PICTURE EQUIPMENT AND OPTICAL INSTRUMENTS]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 1-5, Jan.-Mr. 1962.

REFERATIVNYI ZHURNAL: PROMYSHLENNYI TRANSPORT [JOURNAL OF ABSTRACTS INDUSTRIAL TRANSPORTATION]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 1-3, Jan.-Mar. 1962.

REFERATIVNYI ZHURNAL: ZHELEZNODOROZHNYI TRANSPORT [JOURNAL OF ABSTRACTS: RAILROAD TRANSPORTATION]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 1-3, Jan.-Mar. 1962.

*VESTNIK MASHINOSTROENIIA [MACHINE BUILDING REVIEW]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot [State Committee of the Council of Ministers of the U.S.S.R. on the Coordination of Research] and others. Moscow, vol. 42, no. 3, Mar. 1962.

ZA RULEM [AT THE WHEEL]. Issued by Vsesoiuznoe dobrovol'noe obshchestvo sodeistviia armii, aviatsii i flotu [All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy]. Moscow, vol 20, no. 3, Mar. 1962.

ZHELEZNODOROZHNYI TRANSPORT [RAILROAD TRANSPORTATION]. Organ of Ministerstvo putei soobshchentia SSSR [Ministry of Railroad Transportation of the U.S.S.R.]. Moscow, vol. 44, no. 3, Mar. 1962.

h. MINING & METALLURGY

AKADEMIIA NAUK URSR, Kiev. Instytut lyvarnoho vyrobnytstva. Naukovi pratsi [ACADEMY OF SCIENCES OF THE UKRAINIAN S.S.R. Institute of Foundry Practice. Studies]. No. 9, 1960.

ALMA-ATA. KAZAKHSKII GORNO-METALLURGICHESKII INSTITUT. Sbornik nauchnykh trudov [KAZAKH INSTITUTE OF MINING AND METALLURGY. Collection of Scientific Papers]. Moscow, no. 19, 1960.

AZERBAIDZHANSKOE NEFTIANOE KHOZIAISTVO [AZERBAIJAN PETROLEUM INDUSTRY]. Organ of Sovet narodnogo khoziaistva Azerbaidzhanskoi SSR and Gosudarstvennyi komitet Soveta Ministrov Azerbaidzhanskoi SSR po koordinatsii nauchno-issledovatel'skikh rabot [Economic Council of the Azerbaijan S.S.R. and the State Committee of the Council of Ministers of the Azerbaijan S.S.R. on the Coordination of Research]. Baku, vol. 40, no. 10(123), Oct. 1961.

*FIZIKA METALLOV I METALLOVEDENIE [THE PHYSICS OF METALS AND PHYSICAL METALLURGY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Sverdlovsk, vol 13, nos. 1-2, Jan.-Feb. 1962

GEOFIZICHESKAIA RAZVEDKA [GEOPHYSICAL PROSPECTING]. Issued by Glavnoe upravlenie geologii i okhrany nedr pri Sovete Ministrov SSSR [Main Administration of Geology and the Conservation of Mineral Resources, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, no. 5, 1961.

*LITEINOE PROIZVODSTVO [FOUNDRY PRACTICE]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot [State Committee of the Council of Ministers of the U.S.S.R. on the Coordination of Research] and others. Moscow, no. 3, Mar. 1962.

*METALLOVEDENIE I TERMICHESKAIA OBRABOTKA METALLOV [METALS AND HEAT TREATMENT OF METALS]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroeniia and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva mashinostroitel'noi promyshlennosti [State Committee of the Council of Ministers of the U.S.S.R. for Automation and Machinery Manufacture and the Central Administration of the Scientific Technological Society of the Machinery Industry]. Moscow, no 2, Feb. 1962.

*METALLURG [METALLURGIST]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot and TsK Profsoiuza rabochikh metallurgicheskoi promyshlennosti [State Committee of the Council of Ministers of the U.S.S.R. on the Coordination of Research and the Central Committee of Trade Unions of Workers in the Metallurgical Industry]. Moscow, vol. 7, nos. 2, 4, Feb., Apr. 1962.

MOSCOW. GOSUDARSTVENNYI INSTITUT TSVETNYKH METALLOV. Sbornik nauchnykh trudov [STATE INSTITUTE OF NONFERROUS METALS. Papers]. No. 33, 1960.

OBOGASHCHENIE RUD [ORE DRESSING]. Issued by Vsesoiuznyi nauchno-issledovatel'skii i proektnyi institut mekhanicheskoi obrabotki poleznykh iskopaemykh [All-Union Scientific Research and Planning Institute for the Mechanical Processing of Minerals] Leningrad, vol. 6, no. 6(36), 1961, vol. 7, no. 1(37), 1962.

*OGNEUPORY [REFRACTORIES]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva chernoi metallurgii [State Committee of the Council of Ministers of the U.S.S.R. on the Coordination and Research and the Central Administration of the Scientific Technological Society of Ferrous Metallurgy]. Moscow, vol. 27, nos. 2-3, 1962.

PRIKLADNAIA GEOFIZIKA [APPLIED GEOPHYSICS]. Issued by Nauchno-issledovatel'skii institut geofizicheskikh metodov razvedki [Scientific Research Institute of Geophysical Prospecting Methods]. Moscow, no. 31, 1961.

*RAZVEDKA I OKHRANA NEDR [PROSPECTING AND CONSERVATION OF MINERAL RESOURCES]. Organ of Ministerstvo geologii i okhrany nedr SSSR and TsK Profsoiuza rabochikh geologorazvedochnykh rabot [Ministry of the Geology and Conservation of Mineral Resources of the U.S.S.R. and the Central Committee of the Trade Union of Workers Employed in Geological Prospecting]. Moscow, vol. 27, nos. 10, 12, Oct., Dec. 1961; vol. 28, nos. 1-2, Jan.-Feb. 1962.

RAZVEDOCHNAIA I PROMYSLOVAIA GEOFIZIKA [PROSPECTING AND INDUSTRIAL GEOPHYSICS] issued by Vsesoiuznyi nauchno-issledovatel'skii institut geofizicheskikh metodov razvedki [All-Union Scientific Research Institute of Geophysical Methods of Prospecting]. Moscow, no. 39, 1961.

REFERATIVNYI ZHURNAL: METALLURGIIA [JOURNAL OF ABSTRACTS: METALLURGY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 3, 1962.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, geologiia i razvedka [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Geology and Prospecting]. Moscow, vol. 5, no. 2, Feb. 1962.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; tsvetnaia metallurgiia [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Nonferrous Metallurgy] Moscow, vol 5, no. 2, 1962.

SHAKHTNOE STROITEL'STVO [MINE CONSTRUCTION]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U.S.S.R. for Construction]. Moscow, vol. 6, no. 3, Mar. 1962.

SOVETSKII SHAKHTER [SOVIET MINER] Issued by TSentral'nyi komitet Profsoiuza rabochikh ugol'noi promyshlennosti SSSR [Central Committee of the Trade Union of Workers of the Coal Industry of the U.S.S.R.]. Moscow, vol. 11, no. 4, Apr. 1962.

*STAL' [STEEL]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva chernoi metallurgii [State Committee of the Council of Ministers of the U.S.S.R. on the Coordination of Research and the Central Administration of the Scientific Technological Society of Ferrous Metallurgy]. Moscow, vol. 22, no. 3, Mar. 1962.

STROITEL'STVO TRUBOPROVODOV [PIPELINE CONSTRUCTION]. Issued by Glavnoe upravlenie gazovoi promyshlennosti pri Sovete Ministrov SSSR [Main Administration of the Gas Industry, Attached to the Council of Ministers of the U.S.S.R.] Moscow, vol. 7, no. 2, Feb. 1962.

*ZAVODSKAIA LABORATORIIA [THE FACTORY LABORATORY]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot [State Committee of the Council of Ministers of the U.S.S.R. on the Coordination of Research]. Moscow, vol. 28, no. 2, 1962.

17. MILITARY & NAVAL SCIENCES

a. MILITARY SCIENCE

BRATSTVO KOLYSHNYKH VOIAKIV PERSHOI UKRAINS'KOI DYVIZII UKRAINS'KOI NARODNOI ARMII. Visti [BROTHERHOOD OF FORMER SOLDIERS OF THE FIRST UKRAINIAN DIVISION OF THE UKRAINIAN NATIONAL ARMY. News]. Munich, vol. 12, no. 101, Dec. 1961.

KOMMUNIST VOORUZHENNYKH SIL [COMMUNIST OF THE ARMED FORCES]. Issued by Glavnoe politicheskoe upravlenie Sovetskoi Armii i Voenno-Morskogo Flota [Main Political Administration of the Soviet Army and Navy]. Moscow, vol. 2, nos. 2, 6-7, Jan., Mar.-Apr. 1962.

NASHA PEREKLICHKA [OUR ROLL CALL]. New York, vol. 3, nos. 26(126), 28(128), Mar., May 1962.

NASHI VESTI [OUR NEWS]. Published by Soiuz chinov Russkogo korpusa [The Association of Members of the Russian Corps]. New York, vol. 18, no. 190(2381), Apr. 1962.

RODNYI KRAI [NATIVE LAND]. Issued by Donskoe voiskovoe ob"edinenie [Don Cossack Association]. Paris, no. 38, Jan.-Feb. 1962.

SOVETSKII VOIN [SOVIET SOLDIER]. Issued by Glavnoe politicheskoe upravlenie Sovetskoi Armii i Voenno-Morskogo Flota [Main Political Administration of the Soviet Army and Navy]. Moscow, vol 43, no. 23(947), Dec. 1961, vol 44, nos. 5(953), 7(955), Mar.-Apr. 1962.

STARSHINA - SERZHANT [NONCOMMISSIONED OFFICERS]. Issued by Ministerstvo oborony SSSR [Ministry of Defense of the U.S.S.R.]. Moscow, no. 12(15), Dec. 1961

TANKIST [TANKMAN]. Published by Voennoe izdatel'stvo Ministerstva oborony SSSR [Military Publishing House of the Ministry of Defense of the U.S.S.R.]. Moscow, no. 3, Mar. 1949; nos. 8, 10, Aug., Oct. 1950; nos. 6, 9, June-Sep. 1951.
[PHOTOCOPY]

VESTNIK PROTIVOVOZDUSHNOI OBORONY [AIR DEFENSE REVIEW]. Published by Voennoe izdatel'stvo Ministerstva oborony SSSR [Military Publishing House of the Ministry of Defense of the U.S.S.R.]. Moscow, no. 12, Dec. 1961

VESTNIK VOZDUSHNOGO FLOTA [REVIEW OF THE AIR FORCE]. Issued by Upravlenie Voenno-Vozdushnykh Sil [Administration of the Air Force]. Moscow, no. 12, Dec. 1961.

VISTI KOMBATANTA. VETERANS' NEWS. Issued by United Ukrainian War Veterans in America and others New York, no. 1(5), 1962.

VOENNYI VESTNIK [MILITARY REVIEW]. Organ of Ministerstvo oborony SSSR [Ministry of Defense of the U.S.S.R.]. Moscow, vol. 30, no. 20, Oct. 1950.
[PHOTOCOPY]

VOENNYI VESTNIK [MILITARY REVIEW]. Organ of Ministerstvo oborony SSSR [Ministry of Defense of the U.S.S.R.]. Moscow, vol. 41, no 12, Dec. 1961; vol. 41, no. 2, Feb. 1962.

b. NAVAL SCIENCE

LENINGRAD. INSTITUT VODNOGO TRANSPORTA. Trudy [INSTITUTE OF WATER TRANSPORTATION. Transactions]. Nos. 1-4, 6, 1960.

LENINGRAD. TSENTRAL'NYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT MORSKOGO FLOTA. Trudy [CENTRAL SCIENTIFIC RESEARCH INSTITUTE OF THE MERCHANT MARINE. Transactions]. Vol. 7, nos. 30-37, 1961.

MORSKIA ZAPISKI. THE NAVAL RECORDS. Issued by Obshchestvo ofitserov Rossiiskogo imperatorskogo flota v Amerike [Association of Russian Imperial Naval Officers in America, Inc.]. New York, vol. 20, no. 1/2(56), Apr. 1962.

RECHNOI TRANSPORT [INLAND WATER TRANSPORTATION]. Issued by Ministerstvo rechnogo flota [Ministry of the River Fleet]. Moscow, vol. 21, no. 2, Feb. 1962.

REFERATIVNYI ZHURNAL: VODNYI TRANSPORT [JOURNAL OF ABSTRACTS: WATER TRANSPORTATION]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 1-3, Jan.-Mar. 1962.

SUDOSTROENIE [SHIPBUILDING]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po sudostroeniiu and Nauchno-tekhnicheskoe obshchestvo sudostroitel'noi promyshlennosti [State Committee of the Council of Ministers of the U.S.S.R. for Shipbuilding and the Scientific Technological Society of the Shipbuilding Industry]. Leningrad, vol. 28, no. 2(232), Feb. 1962.

PART C

List of Periodicals Indexed and Abbreviations Used

† Titles listed for the first time

Agitator (6)	Agitator [Agitator]
Agrobiologiia (15a)	Agrobiologiia [Agrobiology]
Amur sbor (1a)	Amurskii sbornik [Amur Collection]
Annot.ukaz.lit po radioelek. (16e)	Annotirovannyi ukazatel' literatury po radioelektronike [Annotated Bibliography on Electronics]
Antibiotiki (14f)	Antibiotiki [Antibiotics]
Arkh.anat.,gist.i embr. (13c)	Arkhiv anatomii, gistologii i embriologii [Archives of Anatomy, Histology, and Embryology]
Arkh.pat (14e)	Arkhiv patologii [Archives of Pathology]
Arkhit.SSSR (10b)	Arkhitektura SSSR [Architecture of the U.S.S.R.]
Astron.tsir. (13b)	Astronomicheskii tsirkuliar [Astronomical Circular]
Astron.zhur. (13b)	Astronomicheskii zhurnal [Journal of Astronomy]
Atom.energ. (16e)	Atomnaia energiia [Atomic Energy]
Atom.tekh.za rub. (16e)	Atomnaia tekhnika za rubezhom [Nuclear Engineering Abroad]
Av i kosm (16b)	†Aviatsiia i kosmonavtika [Aviation and Astronautics]
Avt dor (16d)	Avtomobil'nye dorogi [Highways]
Avtom.i telem. (16c)	Avtomatika i telemekhanika [Automatic and Remote Control]
Avtom.i prib. (16g)	†Avtomatizatsiia i priborostroenie [Automation and Instrument Manufacture]
Avtom kont i elek izm. (16a)	†Avtomaticheskii kontrol' i elektricheskie izmereniia [Automatic Control and Electric Measurements]
Avtom.svar. (16f)	Akademiia nauk URSR, Kiev. Instytut elektrozvariuvannia. Avtomaticheskaia svarka [Academy of Sciences of the Ukrainian S.S.R. Institute of Electric Welding. Automatic Welding]
Avtom.,telem.i sviaz' (16e)	Avtomatika, telemekhanika i sviaz' [Automatic Control, Remote Control, and Communications]
Az i Afr.sog. (1b)	Azila i Afrika segodnia [Asia and Africa Today]
Azerb.med.zhur. (14a)	Azerbaichan tibb zhurnaly. Azerbaidzhanskii meditsinskii zhurnal [Azerbaijan Medical Journal]
Azerb.neft.khoz. (16h)	Azerbaidzhanskoe neftianoe khoziaistvo [Azerbaijan Petroleum Industry]
Belarus' (1b)	Belarus' [White Russia]. In White Russian.
Bet.i zhel.-bet. (16d)	Beton i zhelezobeton [Concrete and Reinforced Concrete]
Bezop.truda v prom. (5d)	Bezopasnost' truda v promyshlennosti [Industrial Safety]
Bibl.ukaz Mir. tsentra dan.	Mirovoi tsentr dannykh MGG B1. Bibliograficheskii ukazatel' [IGY World Data Center B1. Bibliog-
	a observatorila, Biulleten' Bulletin]
	ologii i meditsiny [Bulletin Medicine]
	sudarstvennyi komitet po i platy. Biulleten' [State Labor and Wages. Bulletin]
	SR, Stalinabad. Institut demy of Sciences of the Institute. Bulletin]
	Instytut biiologii. Biulleten' White Russian S.S.R. Insti-
	Biulleten' [Executive
	n on Inventions]
	ateiei prirody. Biulleten', w Naturalists' Society. n]
	inisterstvo vysshego i tzovaniia. Biulleten' ondary Specialized
Biul.nauch.inform. trud i zar plata (6d)	Biulleten' nauchnoi informatsii trud i zarabotnaia plata [Bulletin of Scientific Information· Labor and Wages]
Biul.sta.opt.nabl. isk.sput.Zem. (13b)	Akademiia nauk SSSR. Astronomicheskii sovet. Biulleten' stantsii opticheskogo nabliudeniia iskusstvennykh sputnikov Zemli [Academy of Sciences of the U.S.S.R. Astronomical Council. Bulletin of the Stations for Optical Observation of Artificial Earth Satellites]
Biul.tekh.-ekon. inform. (16a)	Moscow. TSentral'nyi institut tekhniko-ekonomicheskoi informatsii. Biulleten' tekhniko-ekonomicheskoi informatsii [Central Institute of Technical and Economic Information. Bulletin of Technical and Economic Information]
Bot.zhur. (13c)	Botanicheskii zhurnal [Botanical Journal]
Bum.prom. (16f)	Bumazhnaia promyshlennost' [Paper Industry]
Den.i kred. (5c)	Den'gi i kredit [Money and Credit]
Dokl.AN Azerb.SSR (13a)	Akademiia nauk Azerbaidzhanskoi SSR, Baku. Doklady [Academy of Sciences of the Azerbaijan S.S.R. Reports]
Dokl.AN BSSR (13a)	Akademiia navuk BSSR, Minsk. Doklady [Academy of Sciences of the White Russian S.S.R. Reports]
Dokl.AN SSSR (13a)	Akademiia nauk SSSR. Doklady [Academy of Sciences of the U.S.S.R. Reports]
Dokl.APN (8a)	Akademiia pedagogicheskikh nauk RSFSR, Moscow. Doklady [Academy of Pedagogical Sciences of the R.S.F.S.R. Reports]
Dop UASHN (15a)	Kiev. Ukraina'ka akademiia sil's'kohospodars'kykh nauk. Dopovidi [Ukrainian Academy of Agricultural Sciences. Reports]. In Ukrainian.
Doshk.vosp. (8a)	Doshkol'noe vospitanie [Preschool Education]
Ekon.Rad.Ukr. (5b)	Ekonomika Radians'koi Ukrainy [Economics of the Soviet Ukraine]. In Ukrainian.
Ekon.sel'khoz. (15a)	Ekonomika sel'skogo khoziaistva [Economics of Agriculture]
Eksper.khir.i anest. (14h)	Eksperimental'naia khirurgiia i anesteziologiia [Experimental Surgery and Anesthesiology]
Elek.sta. (16e)	Elektricheskie stantsii [Electric Power Stations]
Energomashinostroenie (16g)	Energomashinostroenie [Power Machinery Construction]
Ent oboz. (13c)	Entomologicheskoe obozrenie [Entomological Review]
Ezhemes.biul. izobr. (16a)	Ezhemesiachnyi biulleten' izobretenii [Monthly Bulletin on Inventions]
Fel'd.i akush. (14g)	Fel'dsher i akusherka [Feldsher and Midwife]
Fin.SSSR (5c)	Finansy SSSR [Finance of the U.S.S.R.]
Fiz.met.i metallov. (16h)	Fizika metallov i metallovedenie [The Physics of Metals and Physical Metallurgy]
Fiz.v shkole (13f)	Fizika v shkole [Physics in Schools]
Fiziol rast. (13c)	Fiziologiia rastenii [Physiology of Plants]
Fiziol.zhur. [Ukr.] (13c)	Fiziologichnyi zhurnal [Physiological Journal]. In Ukrainian.
Geod.i kart. (13b)	Geodeziia i kartografiia [Geodesy and Cartography]
Geofiz.razved. (16h)	Geofizicheskaia razvedka [Geophysical Prospecting]
Geokhimiia (12c)	Geokhimiia [Geochemistry]
Gidrotekhnicheskoe stroitel'stvo (16d)	Gidrotekhnicheskoe stroitel'stvo [Hydrotechnical Construction]
Gidrotekhnika (16d)	†Gidrotekhnika; nauchnye trudy [Hydraulic Engineering; Studies]
Gig.i san. (14g)	Gigiena i sanitariia [Hygiene and Sanitation]
Gig.truda i prof. zab. (14g)	Gigiena truda i professional'nye zabolevaniia [Labor Hygiene and Occupational Diseases]
Grud.khir. (14h)	Grudnaia khirurgiia [Thoracic Surgery]
Inform.biul.NIIGA (12c)	Leningrad Nauchno-issledovatel'skii institut geologii Arktiki Informatsionnyi biulleten' [Scientific Research Institute of Arctic Geology. Information Bulletin]

Inform. biul. nov inostr knig. postup. v Bibl. im V.I. Len. Ser 1 (2a)	Moscow. Publichnaia biblioteka Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V.I. Lenina Seriia 1 *Fiziko-matematicheskie, khimicheskie i geologo-geograficheskie nauki, tekhnika i tekhnicheskie nauki* [Public Library. Information Bulletin of New Foreign Books, Received by the Lenin Library. Series 1, Physical, Mathematical, Chemical, Geological and Geographical Sciences, Technology and Technological Sciences]
Inform. biul. nov. inostr. knig, postup. v Bibl. im. V.I. Len. Ser. 2 (2a)	Moscow, Publichnaia biblioteka Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V.I. Lenina. Seriia 2: *Biologicheskie, meditsinskie i sel'skokhoziaistvennye nauki* [Public Library. Information Bulletin of New Foreign Books, Received by the Lenin Library. Series 2: Biological, Medical, and Agricultural Sciences]
Inform. biul nov. inostr. knig, postup. v Bibl. im. V.I. Len. Ser. 3 (2a)	Moscow. Publichnaia biblioteka. Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V.I. Lenina. Seriia 3 *Obshchestvennye nauki, khudozhestvennaia literatura*, Iskusstvo [Public Library. Information Bulletin of New Foreign Books Received by the Lenin Library. Series 3: Social Sciences, Belles-Lettres, Art]
Inform abor VSEGEI (12c)	Leningrad. Vsesoiuznyi geologicheskii institut. Informatsionnyi sbornik [All-Union Geological Institute. Information Bulletin]
Inform. ukaz. bibl. spis. i kart. (2a)	Informatsionnyi ukazatel' bibliograficheskikh spiskov i kartotek, sostavlennykh bibliotekami Sovetskogo Soiuza [Information Index of Bibliographical Lists and Card Files. *Compiled* by the Libraries of the Soviet Union]
Inform. ukaz. stand. (16a)	Informatsionnyi ukazatel' *standartov* [Information Index of Standards]
Inzh.-fiz. zhur. (10a)	Inzhenerno-fizicheskii zhurnal [Journal of Engineering Physics]
Inzh. zhur. (16g)	Inzhenernyi zhurnal [Engineering Journal]
Iskusstvo (10a)	Iskusstvo [Art]
Ist. SSSR (4a)	Istoriia SSSR [History of the U.S.S.R.]
Izobr. i rats. (16a)	Izobretatel' i ratsionalizator [Inventor and Efficiency Promoter]
Izv. AN Arm. SSR. Biol. nauki (13c)	Akademiia nauk Armianskoi SSR, Erivan, Izvestiia, Biologicheskie nauki [Academy of Sciences of the Armenian S.S.R. Bulletin. Biological Sciences]
Izv. AN Arm. SSR. Geol. i geog. nauki (12c)	Akademiia nauk Armianskoi SSR, Erivan. Izvestiia Geologicheskie i geograficheskie nauki [Academy of Sciences of the Armenian S.S.R. Bulletin. Geological and Geographical Sciences]
Izv. AN Azerb. SSR. Ser. biol. i med. nauk (13c)	Akademiia nauk Azerbaidzhanskoi SSR, Baku. Izvestiia. Seriia biologicheskikh i meditsinskikh nauk [Academy of Sciences of the Azerbaijan S.S.R. Bulletin. Series in the Biological and Medical Sciences]
Issl. po angl. filol. (11a)	Issledovaniia po angliiskoi filologii [Studies in English Philology]
Izv AN Est. SSR. Ser. fiz.-mat i tekh nauk (1a)	Eesti NSV Teaduste Akadeemia Toimetised. Füüsikalis-matemaatiliste ja tehniliste teaduste seeria Izvestiia Akademii nauk Estonskoi SSR Seriia fiziko-matematicheskikh i tekhnicheskikh nauk [Academy of Sciences of the Estonian S S R Bulletin Series in the Physical, Mathematical, and Technical Sciences]
Izv. AN Kazakh. SSR. Ser. ekon., filos. i prava (1a)	Akademiia nauk Kazakhskoi SSR, Alma-Ata. Izvestiia, Seriia ekonomiki, filosofii i prava [Academy of Sciences of the Kazakh S.S R. Series in Economics, Philosophy, and Law]
Izv. AN Kazakh SSR. Ser. geol. (12c)	Akademiia nauk Kazakhskoi SSR, Alma-Ata Izvestiia. Seriia geologicheskaia [Academy of Sciences of the Kazakh S.S.R. Bulletin. Geological Series]
Izv. AN Kir. SSR. Ser. est. i tekh. nauk (1a)	Akademiia nauk Kirgizskoi SSR, Frunze, Izvestiia, Seriia estestvennykh i tekhnicheskikh nauk [Academy of Sciences of the Kirghiz S.S.R. Bulletin. Series in the Natural and Technological Sciences]
Izv. AN SSSR. Otd. khim. nauk (13d)	Akademiia nauk SSSR. Izvestiia. Otdelenie khimicheskikh nauk [Academy of Sciences of the U.S.S.R. Bulletin. Department of Chemical Sciences]
Izv. AN SSSR. Otd. tekh. nauk Energ. i avtom. (16e)	Akademiia nauk SSSR. Izvestiia. Otdelenie tekhnicheskikh nauk. Energetika i avtomatika [Academy of Sciences of the U.S.S.R. Bulletin. Department of Technological Sciences. Power Engineering and Automatic Control]
Izv. AN SSSR. Otd. tekh. nauk. Mekh. i *mashinostr.* (16g)	Akademiia nauk SSSR. Izvestiia. Otdelenie tekhnicheskikh nauk. Mekhanika i mashinostroenie [Academy of Sciences of the U.S.S.R. Bulletin. Department of Technological Sciences. Mechanics and Machine Building]
Izv. AN SSSR. Ser. biol. (13c)	Akademiia nauk SSSR. Izvestiia. Seriia *biologicheskaia* [Academy of Sciences of the U.S.S.R. Bulletin. Biological Series]
Izv. AN SSSR. Ser. geog. (12b)	Akademiia nauk SSSR. Izvestiia. Seriia geograficheskaia [Academy of Sciences of the U.S.S.R. Bulletin. Geographical Series]
Izv. AN Turk. SSR Ser. biol. nauk (13c)	Akademiia nauk Turkmenskoi SSR, Ashkhabad. Izvestiia. Seriia biologicheskikh nauk [Academy of Sciences of the Turkmen S.S.R. Bulletin. Series in the Biological Sciences]
Izv. AN Turk. SSR Ser. fiz.-tekh., khim. i geol. nauk (13a)	Akademiia nauk Turkmenskoi SSR, Ashkhabad, Izvestiia, Seriia fiziko-tekhnicheskikh, khimicheskikh i geologicheskikh nauk [Academy of Sciences of the Turkmen S.S.R. Bulletin. Series in the Physical and Technological, Chemical, and Geological Sciences]
Izv APN (8a)	Akademiia pedagogicheskikh nauk RSFSR, Moscow. Izvestiia [Academy of Pedagogical Sciences of the R.S.F.S.R. Bulletin]
Izv. Kazan. fil. AN SSSR. Ser energ. i vod khoz (16d)	Akademiia nauk SSSR. Kazanskii filial. Izvestiia. Seriia energetiki i vodnogo khoziaistva [Academy of Sciences of the U.S.S.R Kazan Branch Bulletin. Series on Electric Power and Water Resources]
Izv. Kom po fiz plan (13b)	Akademiia nauk SSSR. Komissiia po fizike planet Izvestiia [Academy of Sciences of the U.S.S.R. Committee on the Physics of Planets Bulletin]
Izv Sib otd AN SSSR (1a)	Akademiia nauk SSSR Sibirskoe otdelenie Izvestiia [Academy of Sciences of the U S S R Siberian Department Bulletin]
Izv. Vses geog. ob-va (12b)	Geograficheskoe obshchestvo SSSR Izvestiia [Geographic Society of the U.S.S.R. Bulletin]
Izv. vys ucheb. zav ;elektromekh. (16e)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia Izvestiia vysshikh uchebnykh zavedenii; elektromekhanika [Ministry of Higher and Secondary Specialized Education Bulletin of the Institutions of Higher Learning; Electrical Machinery and Apparatus]
Izv vys. ucheb. zav.; energ. (16e)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; energetika [Ministry of Higher and Secondary Specialized Education Bulletin of the Institutions of Higher Learning; Power Engineering]
Izv. vys ucheb zav., geod. i aerof. (13b)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; geodeziia i aerofotos"emka [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Geodesy and Aerial Photography]
Izv. vys. ucheb. zav., geol. i razv. (16h)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, geologiia i razvedka [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Geology and Prospecting]
Izv. vys. ucheb zav.; khim. i khim. tekh. *(13d)*	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; khimiia i khimicheskaia tekhnologiia [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Chemistry and Chemical Technology]
Izv. vys. ucheb. zav.; mat. (13e)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; matematika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Mathematics]
Izv. vys. ucheb. zav.; prav. (7)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia Izvestiia vysshikh uchebnykh zavedenii, pravovedenie [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Jurisprudence]
Izv. vys. ucheb. zav.; tekh. tekst. prom. (16f)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; tekhnologiia tekstil'noi promyshlennosti [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Technology of the Textile Industry]
Izv vys ucheb. zav.; tsvet. met. (16h)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; tsvetnaia metallurgiia [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Nonferrous Metallurgy]
Kal. znam. i pam. dat (4a)	Kalendar' znamenatel'nykh i pamiatnykh dat [Calendar of Significant and Memorable Dates]
Kardiologiia (14a)	Kardiologiia [Cardiology]
Kaz. med. zhur. (14a)	Kazanskii meditsinskii zhurnal [Kazan Medical Journal]
Khim., slat. uk. st. v inostr. zhur. (13d)	Moscow. Vsesoiuznaia gosudarstvennaia biblioteka inostrannoi literatury. Khimiia, sistematicheskii ukazatel' statei v inostrannykh zhurnalakh.
Khim. mashinostr. (16c)	Khimicheskoe mashinostroenie [Chemical Machinery Manufacture]
Khim. v shkole (13d)	Khimiia v shkole [Chemistry in Schools]
Khirurgiia (14h)	Khirurgiia [Surgery]
Khleb. i kond. prom. (16f)	Khlebopekarnaia i konditerskaia promyshlennost' [Baking and Confectionery Industry]
Kin. i kat. (13d)	Kinetika i kataliz [Kinetics and Catalysis]
Klin. med. (14a)	Klinicheskaia meditsina [Clinical Medicine]
Klub (6e)	Klub [The Club]
Knizh. let. (2a)	Knizhnaia letopis' [Book Chronicle]
Koks i khim. (16c)	Koks i khimiia [Coke and Chemistry]
Komm. Mold. (6)	Kommunist Moldavii [Communist of Moldavia]
Komm. Ukr. (6)	Kommunist Ukrainy [Communist of the Ukraine]
Komm Uz (6)	Kommunist Uzbekistana [Communist of Uzbekistan]
Komm. Vooruzh. Sil. (17a)	Kommunist Vooruzhennykh Sil [Communist of the Armed Forces]

Kommunist (6)	Kommunist [Communist]
Komsom. zhizn' (5e)	Komsomol'skaia zhizn' [Life of Communist Youth]
Kozh -obuv. prom. (16f)	Kozhevenno-obuvnaia promyshlennost' [Leather and Footwear Industry]
Krat soob. Inst. arkheol (4b)	Akademiia nauk SSSR. Institut arkheologii Kratkie soobshcheniia o dokladakh i polevykh issledovaniiakh [Academy of Sciences of the U.S.S.R. Institute of Archaeology. Brief Summaries of Reports and Field Explorations]
Krat soob Inst nar Az. (4a)	Akademiia nauk SSSR. Institut narodov Azii. Kratkie soobshcheniia [Academy of Sciences of the U.S.S.R. Institute of the Peoples of Asia. Brief reports]
Kul't pros. rab. (6a)	Kul'turno-prosvetitel'naia rabota [Cultural and Educational Work]
Kuz. -shtam. proizv. (16g)	Kuznechno-shtampovochnoe proizvodstvo [Forging and Stamping]
Lakokras mat i ikh prim. (16c)	Lakokrasochnye materialy i ikh primenenie [Lacquer and Paint Materials and Their Use]
Les khoz (15c)	Lesnoe khoziaistvo [Forestry]
Let. izobr. isk. (10a)	Letopis' izobrazitel'nogo iskusstva [Chronicle of Fine Arts]
Let zhur st (2a)	Letopis' zhurnal'nykh statei [Chronicle of Periodical Articles]
Lit. proizv. (16h)	Liteinoe proizvodstvo [Foundry Practice]
Mashinostroitel' (16g)	Mashinostroitel' [Machine Builder]
Mat. i issl. po arkheol. (4b)	Materialy i issledovaniia po arkheologii SSSR [Materials and Research in the Archaeology of the U.S.S.R.]
Mat po geol i pol iskop Kazakh (12c)	ǂMaterialy po geologii i poleznym iskopaemym Kazakhstana [Materials on the Geology and Mineral Resources of Kazakhstan]
Mat po geol. i pol. iskop. Urala (12c)	Materialy po geologii i poleznym iskopaemym Urala [Materials on the Geology and Mineral Resources of the Urals]
Mat. po geol TSentr. Kazakh. (12c)	ǂMaterialy po geologii TSentral'nogo Kazakhstana [Materials on the Geology of Central Kazakhstan]
Mat. pros. (13e)	Matematicheskoe prosveshchenie, matematika, ee prepodavanie, prilozhenia i istorita [Mathematical Education; Mathematics Teaching, Application, and History]
Mat. obor. (13e)	Matematicheskii sbornik [Mathematical Review]
Mat. v shkole (13e)	Matematika v shkole [Mathematics in Schools]
Matematika (13e)	Matematika; periodicheskii sbornik perevodov inostrannykh statei [Mathematics; Translations of Foreign Articles]
Med. prom. (14f)	Meditsinskaia promyshlennost' SSSR [Medical Supplies Industry of the U.S.S.R.]
Med. rad. (14a)	Meditsinskaia radiologiia [Medical Radiology]
Med. ref. zhur. (14a)	Meditsinskii referativnyi zhurnal [Medical Abstracts]
Med. sestra (14g)	Meditsinskaia sestra [Medical Nurse]
Med. zhur. Uzb. (14a)	Meditsinskii zhurnal Uzbekistana [Medical Journal of Uzbekistan]
Mekh. stroi. (16d)	Mekhanizatsiia stroitel'stva [Mechanization of Construction]
Mest. prom. i khud. promys. (16f)	Mestnaia promyshlennost' i khudozhestvennye promysly [Local Industry and Art Trades]
Metalloved. i term. obr. met. (16h)	Metallovedenie i termicheskaia obrabotka metallov [Metals and Heat Treatment of Metals]
Metallurg (16h)	Metallurg [Metallurgist]
Meteor. i gidrol. (13f)	Meteorologiia i gidrologiia [Meteorology and Hydrology]
Mikrobiologiia (13c)	Mikrobiologiia [Microbiology]
Mir. ekon. i mezhdunar. otn. (5b)	Mirovaia ekonomika i mezhdunarodnye otnoshenia [World Economics and International Relations]
Mol. komm. (6)	Molodoi kommunist [The Young Communist]
Muk -elev. prom. (16f)	Mukomol'no-elevatornaia promyshlennost' [Flour Milling and Grain Storage]
Nach. shkola (8a)	Nachal'naia shkola [Primary School]
Nar. Azii i Afr. (4a)	Narody Azii i Afriki; istorita, ekonomika, kul'tura [Peoples of Asia and Africa; History, Economics, Culture]
Nar. tvor. ta etn. (12a)	Narodna tvorchist' ta etnografiia [Folk Art and Ethnography]. In Ukrainian.
Nauch. dokl. vys. shkoly; biol. nauki (13c)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Nauchnye doklady vysshei shkoly; biologicheskie nauki [Ministry of Higher and Secondary Specialized Education. Research Papers of Higher Schools; Biological Sciences]
Nauch. dokl. vys. shkoly; ekon. nauki (5b)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Nauchnye doklady vysshei shkoly; ekonomicheskie nauki [Ministry of Higher and Secondary Specialized Education. Research Papers of Higher Schools; Economics]
Nauch.-metod. zap. Ural. gos. konser. (9b)	Sverdlovsk. Ural'skaia gosudarstvennaia konservatoriia imeni M. P. Musorgskogo. Nauchno-metodicheskie zapiski [M. P. Musorgskii Ural State Conservatory. Methodological Studies]
Nauch trudy Nauch -issl. inst push zver i krol (15b)	ǂMoscow. Nauchno-issledovatel'skii institut pushnogo zverovodstva i krolikovodstva. Nauchnye trudy [Scientific Research Institute of Fur Farming and Rabbit Breeding]
Nauch. zap. MIIVKH (16d)	Moscow. Institut inzhenerov vodnogo khoziaistva. Nauchnye zapiski [Institute of Water Resources Engineers. Studies]
Nauk pratsi "Ask - Nov " (15b)	Askaniva-Nova. Ukrains'kyi naukovo-doslidnyi instytut tvarynnytstva stepovykh raioniv. Naukovi pratsi [Ukrainian Scientific Research Institute of Animal Husbandry of the Steppe Regions. Studies]
Nauk pratsi Inst. tyv vyrob AN URSR (16h)	Akademiia nauk URSR, Kiev. Instytut tyvarnoho vyrobnytstva. Naukovi pratsi [Academy of Sciences of the Ukrainian S.S.R. Institute of Foundry Practice. Studies]
Nauk. zap. Chern. un. Ser. rom.-germ. filol. (11a)	ǂChernovtsy. Universytet. Naukovi zapysky. Seriia romano-germans'koi filologii [University. Studies. Series in the Romance and Germanic Philology]
Nauka i zhizn' (13a)	Nauka i zhizn' [Science and Life]
Nauka i zhyttia (13a)	Nauka i zhyttia [Science and Life]. In Ukrainian.
Nov. i nov. ist (4a)	Novaia i noveishaia istoriia [Modern and Recent History]
Nov inostr. ekon. lit. (5b)	Novaia inostrannaia ekonomicheskaia literatura [New Foreign Economic Literature]
Nov. inostr. lit. po filos (3a)	Novaia inostrannaia literatura po filosofii [New Foreign Literature on Philosophy]
Nov inostr. lit. po iaz (11a)	Novaia inostrannaia literatura po iazykoznaniiu [New Foreign Literature in Linguistics]
Nov inostr lit. po ist., arkheol. i etn. (4a)	Novaia inostrannaia literatura po istorii, arkheologii i etnografii [New Foreign Literature on History, Archaeology, and Ethnography]
Nov. inostr. lit po lit. (11b)	Novaia inostrannaia literatura po literaturovedeniiu [New Foreign Literature on the Study of Literature]
Nov. knigi (2a)	Novye knigi [New Books]
Nov. knigi za rub. Ser. A (13a)	Novye knigi za rubezhom. Seriia A. Matematika, mekhanika, astronomiia, fizika, geofizika, khimiia, geologiia [New Foreign Books. Series A: Mathematics, Mechanics, Astronomy, Physics, Geophysics, Chemistry, Geology]
Nov. knigi za rub. Ser. B. (13a)	Novye knigi za rubezhom. Seriia B: Tekhnika [New Foreign Books. Series B: Technology]
Nov. knigi za rub. po obshchestv. naukam, ekon., filos., ist., mezhdunar. otn. (2a)	Novye knigi za rubezhom po obshchestvennym naukam, ekonomika, filosofiia, istoriia, mezhdunarodnye otnoshenia [New Foreign Books on the Social Sciences; Economics, Philosophy, History, International Relations]
Nov. lit. o nauke i nauch.-issl. rab. za rub. (2a)	Novaia literatura o nauke i nauchno-issledovatel'skoi rabote za rubezhom [New Literature on Science and Research Abroad]
Nov. lit. po evrop. stran. nar. dem.: Veng. (2a)	Novaia literatura po evropeiskim stranam narodnoi demokratii: Vengriia [New Literature on European People's Democracies: Hungary]
Nov mir (11b)	Novyi mir [The New World]
Nov sov. ekon lit (5b)	Novaia sovetskaia ekonomicheskaia literatura [New Soviet Economic Literature]
Nov. sov. i inostr. lit. po stran. zarub. Vost. (2a)	Novaia sovetskaia i inostrannaia literatura po stranam zarubezhnogo Vostoka [New Soviet and Foreign Literature on the Countries of the Non-Soviet East]
Nov. sov. lit. o nauke i nauch.-issl. rab. v SSSR (2a)	Novaia sovetskaia literatura o nauke i nauchno-issledovatel'skoi rabote v SSSR [New Soviet Literature on Science and General Research in the U.S.S.R.]
Nov. sov. lit. po filosof. (3a)	Novaia sovetskaia literatura po filosofii [New Soviet Literature on Philosophy]
Nov. sov. lit. po iaz. (11a)	Novaia sovetskaia literatura po iazykoznaniiu [New Soviet Literature in Linguistics]
Nov. sov. lit. po ist. arkheol. i etn. (4a)	Novaia sovetskaia literatura po istorii, arkheologii i etnografii [New Soviet Literature on History, Archaeology and Ethnography]
Nov tekh. lit. Ser. "Miaso-moloch prom." (16f)	ǂNovosti tekhnicheskoi literatury. Seriia: "Miasomolochnaia promyshlennost'" [News of Technological Literature. Series "Meat and Dairy Industry"]
Nov. tekh. lit. Ser. "Pishch. prom " (16f)	ǂNovosti tekhnicheskoi literatury. Seriia: "Pishchevaia promyshlennost'" [News of Technological Literature. Series: "Food Industry"]
Nov. tov. (5a)	Novye tovary; informatsionnyi biulleten' [New Consumer Goods; Information Bulletin]
Nov. vrem. (6)	Novoe vremia [New Times]
Obog. rud (16h)	Obogashchenie rud [Ore Dressing]

Obshchestv. nauki v Uz (1a)	Obshchestvennye nauki v Uzbekistane [Social Sciences in Uzbekistan]
Oft.zhur. (14d)	Oftalmologicheskii zhurnal [Ophthalmological Journal]
Ogneupory (16h)	Ogneupory [Refractories]
Ogonek (1b)	Ogonek [The Little Light]
Okeanologiia (13b)	Okeanologiia [Oceanology]
Opt i spektr (13f)	Optika i spektroskopiia [Optics and Spectroscopy]
Ortop., travm.i protez. (14h)	Ortopediia, travmatologiia i protezirovanie [Orthopedics, Traumatology, and Prosthesis]
Otv.na vop.rab. (1b)	Otvechaem na voprosy rabochikh [We Answer Workers' Questions]
Paleont. zhur. (12c)	Paleontologicheskii zhurnal [Paleontological Journal]
Part.zhizn' (6)	Partiinaia zhizn' [Party Life]
Pat.fiziol.i eksp terap. (14e)	Patologicheskaia fiziologiia i eksperimental'naia terapiia [Pathological Physiology and Experimental Therapy]
Pediatriia (14b)	Pediatriia [Pediatrics]
Per.zvezdy (13b)	Peremennye zvezdy [Variable Stars]
Pochvovedenie (16a)	Pochvovedenie [Soil Science]
Poligr.proizv. (2c)	Poligraficheskoe proizvodstvo [Printing Industry]
Polit.samoobr. (6)	Politicheskoe samoobrazovanie [Political Self-Education]
Pred.dop.kontsent. atmosf.zagr. (14a)	Predel'no-dopustimye kontsentratsii atmosfernykh zagriaznenii [Maximum Permissible Concentrations of Atmospheric Pollution]
Prib.i tekh.eksp. (13f)	Pribory i tekhnika eksperimenta [Instruments and Experimental Techniques]
Prikl.geofiz. (16h)	Prikladnaia geofizika [Applied Geophysics]
Priroda (13a)	Priroda [Nature]
Probl.Arkt.i Antarkt. (12b)	Problemy Arktiki i Antarktiki [Problems of the Arctic and the Antarctic]
Probl.gematol.i perel.krovi (14e)	Problemy gematologii i perelivaniia krovi [Problems of Hematology and Blood Transfusion]
Prom.energ. (16e)	Promyshlennaia energetika [Industrial Power]
Prom.stroi. (16d)	Promyshlennoe stroitel'stvo [Industrial Construction]
Prom.stroi.i inzh. soor. (16d)	Promyshlennoe stroitel'stvo i inzhenernye sooruzheniia [Industrial Construction and Engineering Structures]
Prykl.mekh. (16g)	Prykladna mekhanika [Applied Mechanics]. In Ukrainian.
Put' i put.khoz. (16d)	Put' i putevoe khoziaistvo [Railroad Tracks and Roadway Maintenance]
Rad.shk. (8a)	Radians'ka shkola [Soviet School]
Radio (16e)	Radio [Radio]
Radiotekh.i elektron. (16e)	Radiotekhnika i elektronika [Radio Engineering and Electronics]
Rasch.prostr. konstr. (16d)	‡ Raschet prostranstvennykh konstruktsii [Calculation of Spatial Structures]
Razved.i okh.nedr (16h)	Razvedka i okhrana nedr [Prospecting and Conservation of Mineral Resources]
Razved.i prom. geofiz. (16h)	Razvedochnaia i promyslovaia geofizika [Prospecting and Industrial Geophysics]
Rech.transp. (17b)	Rechnoi transport [Inland Water Transportation]
Ref.zhur.:Avt. i gor.transp. (16g)	‡ Referativnyi zhurnal: Avtomobil'nyi i gorodskoi transport [Journal of Abstracts: Automotive and City Transportation]
Ref.zhur.: Avtom. i radioelektr. (16e)	Referativnyi zhurnal: Avtomatika i radioelektronika [Journal of Abstracts: Automatic Control and Radio Engineering]
Ref.zhur.: Biol. (13c)	Referativnyi zhurnal: Biologiia [Journal of Abstracts: Biology]
Ref.zhur.: Elektrotekh.i energ. (16e)	Referativnyi zhurnal: Elektrotekhnika i energetika [Journal of Abstracts: Electrical Engineering and Electric Power]
Ref.zhur.:Fiz. (13f)	Referativnyi zhurnal: Fizika [Journal of Abstracts: Physics]
Ref.zhur.: Geofiz. (13f)	Referativnyi zhurnal: Geofizika [Journal of Abstracts: Geophysics]
Ref.zhur.: Geol. (12c)	Referativnyi zhurnal: Geologiia [Journal of Abstracts: Geology]
Ref.zhur.: Khim. (13d)	Referativnyi zhurnal: Khimiia [Journal of Abstracts: Chemistry]
Ref.zhur.: Khim.; Biol.khim. (13c)	Referativnyi zhurnal: Khimiia; Biologicheskaia khimiia [Journal of Abstracts: Chemistry; Biological Chemistry]
Ref.zhur.:Leg. prom. (16f)	‡Referativnyi zhurnal: Legkaia promyshlennost' [Journal of Abstracts: Light Industry]
Ref.zhur.: Mashinostr. (16g)	Referativnyi zhurnal: Mashinostroenie [Journal of Abstracts: Machinery Manufacture]
Ref.zhur.: Mat. (13e)	Referativnyi zhurnal Matematika [Journal of Abstracts: Mathematics]
Ref.zhur. Mekh (13f)	Referativnyi zhurnal Mekhanika [Journal of Abstracts Mechanics]
Ref.zhur.: Met. (16h)	Referativnyi zhurnal Metallurgiia [Journal of Abstracts Metallurgy]
Ref.zhur.Otd. vyp.32.Izm tekh. (16a)	‡Referativnyi zhurnal. Otdel'nyi vypusk 32. Izmeritel'naia tekhnika [Journal of Abstracts. Separate Issue 32 Measurement Techniques]
Ref.zhur.Otd. vyp.34: Komp.i khol.tekh. (16c)	‡Referativnyi zhurnal Otdel'nyi vypusk 34. Kompressory i kholodil'naia tekhnika [Journal of Abstracts. Separate Issue 34: Compressors and Refrigeration Engineering]
Ref.zhur.Otd. vyp.36: Med.geog (14a)	‡Referativnyi zhurnal. Otdel'nyi vypusk 36 Meditsinskaia geografiia [Journal of Abstracts. Separate Issue 36: Medical Geography]
Ref.zhur.Otd. vyp.37:Obor.i tekh.poligr. proizv. (2c)	‡Referativnyi zhurnal. Otdel'nyi vypusk 37: Oborudovanie i tekhnologiia poligraficheskogo proizvodstva [Journal of Abstracts. Separate Issue 37. Equipment and Technology of the Printing Industry]
Ref.zhur.Otd.vyp. 40:Prib.toch. mekh.i isp.ust. (16g)	‡Referativnyi zhurnal. Otdel'nyi vypusk 40: Pribory tochnoi mekhaniki i ispytatel'nye ustanovki [Journal of abstracts. Separate Issue 40: Precision Instruments and Testing Equipment]
Ref.zhur.Otd. vyp. 41. Raket. tekh.i app. kosm. pol. (16b)	‡ Referativnyi zhurnal. Otdel'nyi vypusk 41. Raketnaia tekhnika i apparaty kosmicheskogo poleta [Journal of Abstracts. Separate Issue 41: Rocket Engineering and Space Flight Equipment]
Ref.zhur.Otd. vyp.42 Sil.ust. (16e)	‡Referativnyi zhurnal. Otdel'nyi vypusk 42: Silovye ustanovki [Journal of Abstracts. Separate Issue 42. Power Plants]
Ref.zhur.Otd. vyp.43:Strol.i dor.mashinostr. Gor.mash. (16g)	‡ Referativnyi zhurnal. Otdel'nyi vypusk 43: Stroitel'noe i dorozhnoe mashinostroenie. Gornye mashiny [Journal of Abstracts. Separate Issue 43: Manufacture of Construction Equipment and Road Machinery, Mining Machinery]
Ref.zhur.Otd. vyp.44: Trakt.i sel'khoz.mash. (16g)	‡ Referativnyi zhurnal. Otdel'nyi vypusk 44: Traktory i sel'skokhoziaistvennye mashiny [Journal of Abstracts, Separate Issue 44: Tractors and Agricultural Machinery]
Ref.zhur.Otd. vyp.45: Trub. transp. (16g)	‡ Referativnyi zhurnal. Otdel'nyi vypusk 45: Truboprovodnyi transport [Journal of Abstracts. Separate Issue 45: Pipeline Transportation]
Ref.zhur.Otd. vyp.46: Foto-kinoapp.i opt. prib. (16g)	‡ Referativnyi zhurnal. Otdel'nyi vypusk 46: Foto-kinoapparatura i opticheskie pribory [Journal of Abstracts. Separate Issue 46: Photographic and Motion-Picture Equipment and Optical Instruments]
Ref.zhur.Otd. vyp.47: Khim. mashinostr. (16c)	‡ Referativnyi zhurnal. Otdel'nyi vypusk 47: Khimicheskoe mashinostroenie [Journal of Abstracts. Separate Issue 47 Chemical Machinery Manufacture]
Ref.zhur.:Prom. transp. (16g)	‡ Referativnyi zhurnal: Promyshlennyi transport [Journal of Abstracts. Industrial Transportation]
Ref.zhur.:Vod. transp. (17b)	‡Referativnyi zhurnal: Vodnyi transport [Journal of Abstracts: Water Transportation]
Ref.zhur.: Vozd. transp. (16b)	‡ Referativnyi zhurnal: Vozdushnyi transport [Journal of Abstracts: Air Transportation]
Ref.zhur.:Zhel. dor.transp. (16g)	‡Referativnyi zhurnal: Zheleznodorozhnyi transport [Journal of Abstracts: Railroad Transportation]
Rez.nabl.amer. isk.sput.Zem. (13b)	Akademiia nauk SSSR. Institut teoreticheskoi astronomii. Rezul'taty nabliudenii amerikanskikh iskusstvennykh sputnikov Zemli [Academy of Sciences of the U.S.S.R. Institute of Theoretical Astronomy. Results of Observations of American Artificial Earth Satellites]
Rez.nabl.sov. isk.sput.Zem. (13b)	Akademiia nauk SSSR. Institut teoreticheskoi astronomii. Rezul'taty nabliudenii sovetskikh iskusstvennykh sputnikov Zemli [Academy of Sciences of the U.S.S.R. Institute of Theoretical Astronomy. Results of Observations of Soviet Artificial Earth Satellites]
Rus.iaz.v shkole (11a)	Russkii iazyk v shkole [Russian Language in Schools]
Rus.uch.-issl. Sred.Az. (12b)	‡ Russkie uchenye-issledovateli Srednei Azii [Russian Scientist Explorers of Central Asia]
Ryb.khoz. (15b)	Rybnoe khoziaistvo [Fisheries]
Sbor.nauch.-issl. rab.Azovo-Chor. sel'khoz.inst. (16a)	‡Persianovka. Azovo-Chernomorskii sel'skokhoziaistvennyi institut. Sbornik nauchno-issledovatel'skikh rabot [Azov-Black Sea Agricultural Institute. Papers]
Sbor.nauch.rab. AKKH (16d)	‡ Akademiia kommunal'nogo khoziaistva. Sbornik nauchnykh rabot [Academy of Communal Economy. Papers]
Sbor.nauch.trud. GINTSVETMET (16h)	Moscow. Gosudarstvennyi institut tsvetnykh metallov. Sbornik nauchnykh trudov [State Institute of Nonferrous Metals. Papers]

Sbor. nauch. trud. KazGMI (16h)	Alma-Ata Kazakhskii gorno-metallurgicheskii institut. Sbornik nauchnykh trudov [Kazakh Institute of Mining and Metallurgy. Collection of Scientific Papers]
Sbor nauch. trud LISI (16d)	Leningrad Inzhenerno-stroitel'nyi institut Sbornik nauchnykh trudov [Civil Engineering Institute. Collected Papers]
Sbor perev. mat. iz inostr. period lit po vop avt transp. (16g)	Avtomobil'nyi transport za rubezhom; sbornik perevodnykh materialov iz inostrannoi periodicheskoi literatury po voprosam avtomobil'nogo transporta [Automotive Transportation Abroad; Translations of Foreign Periodical Literature on Problems of Automotive Transportation]
Sbor. rab. po mal. i gel'min. (14g)	†Sbornik rabot po malarii i gel'mintozam [Papers on Malaria and Helminthiases]
Sbor. rab. TSim gidromet. obser. (13f)	TSimlianskaia gidrometeorologicheskaia observatoriia. Sbornik rabot [TSimlyansk Hydrometeorological Observatory Collected Papers]
Sbor. trud BITM (16g)	†Bryansk. Institut transportnogo mashinostroeniia, Bezhitsa. Sbornik trudov [Institute of the Manufacture of Transportation Equipment. Papers]
Sbor. trud. Inst. mash. i avtom. AN BSSR (16g)	†Akademiia nauk BSSR, Minsk. Instytut mashynaznaustva i i autamatyzatsyi. Sbornik trudov [Academy of Sciences of the White Russian S.S.R. Institute of Mechanical Engineering and Automation. Papers]
Sbor trud. Lab. gidr mash. AN URSR (16g)	Akademiia nauk URSR, Kiev Laboratoriia hidravlichnykh mashyn. Sbornik trudov [Academy of Sciences of the Ukrainian S.S.R. Laboratory of Hydraulic Machinery. Collected Papers]
Sel'. mekh. (15a)	Sel'skii mekhanizator [The Rural Mechanic]
Sel'khoz. lit. SSSR (15a)	Sel'skokhoziaistvennaia literatura SSSR [Agricultural Literature of the U.S.S.R.]
Shakht. stroi. (16h)	Shakhtnoe stroitel'stvo [Mine Construction]
Shkola i proizv (8a)	Shkola i proizvodstvo [School and Production]
Sib. mat. zhur. (13e)	Sibirskii matematicheskii zhurnal [Siberian Mathematical Journal]
Sil'. bud. (16d)	Sil's'ke budivnytstvo [Rural Construction]. In Ukrainian.
Smena (5e)	Smena [The Younger Generation]
Soob. AN Gruz. SSR (1a)	Akademiia nauk Gruzinskoi SSR, Tiflis. Soobshchenila [Academy of Sciences of the Georgian S.S.R. Reports. Russian language edition]
Soob. GAISH (13b)	Moscow Universitet. Gosudarstvennyi astronomicheskii institut Soobshchenila [University State Astronomical Institute Reports]
Sots. kul't. (1b)	Sotsialistychna kul'tura [Socialist Culture]. In Ukrainian.
Sots. obesp. (5e)	Sotsial'noe obespechenie [Social Security]
Sots. trud. (5d)	Sotsialisticheskii trud [Socialist Labor]
Sov. deput. trud. (6)	Sovety deputatov trudiashchikhsia [Soviets of Workers' Deputies]
Sov. etn. (12a)	Sovetskaia etnografiia [Soviet Ethnography]
Sov. gos. i pravo (7)	Sovetskoe gosudarstvo i pravo [The Soviet State and Law]
Sov. iust. (7)	Sovetskaia iustitsiia [Soviet Justice]
Sov. knizh. torg. (2c)	Sovetskaia knizhnaia torgovlia [Soviet Book Trade]
Sov. Kras. krest (5e)	Sovetskii Krasnyi krest [Soviet Red Cross]
Sov. med. (14a)	Sovetskaia meditsina [Soviet Medicine]
Sov. muz. (9b)	Sovetskaia muzyka [Soviet Music]
Sov potreb. koop. (5b)	Sovetskaia potrebitel'skaia kooperatsiia [Soviet Consumer Cooperation]
Sov. profsoiuzy (5d)	Sovetskie profsoiuzy [Soviet Trade Unions]
Sov. shakht. (16h)	Sovetskii shakhter [Soviet Miner]
Sov. Soiuz (1b)	Sovetskii Soiuz [Soviet Union]
Sov. torg. (5a)	Sovetskaia torgovlia [Soviet Commerce]
Sov. Ukr. (11b)	Sovetskaia Ukraina [Soviet Ukraine]
Sov. voin (17a)	Sovetskii voin [Soviet Soldier]
Sov. zdrav. (14a)	Sovetskoe zdravookhranenie [Soviet Health Service]
Sovr. kit. lit. po obshchestv. naukam (1a)	Sovremennaia kitaiskaia literatura po obshchestvennym naukam; referativnyi sbornik [Contemporary Chinese Literature on the Social Sciences; Journal of Abstracts]
Spirt. prom. (16c)	Spirtovaia promyshlennost' [Distilling Industry]
Sred. spets. obr. (8a)	Srednee spetsial'noe obrazovanie [Secondary Specialized Education]
Stal' (16h)	Stal' [Steel]
Starsh. — serzh. (17a)	Starshina—serzhant [Noncommissioned Officers]
Stek. i ker. (16c)	Steklo i keramika [Glass and Ceramics]
Strany i nar. Vost. (12b)	†Strany i narody Vostoka [Countries and Peoples of the Orient]
Stroi. i arkhit. (10b)	Stroitel'stvo i arkhitektura [Construction and Architecture]
Stroi. i arkhit. Len. (10b)	Stroitel'stvo i arkhitektura Leningrada [Construction and Architecture in Leningrad]
Stroi. i arkhit. Mosk. (10h)	Stroitel'stvo i arkhitektura Moskvy [Construction and Architecture in Moscow]
Stroi. mat. (16d)	Stroitel'nye materialy [Building Materials]
Stroi. truboprov. (16h)	Stroitel'stvo truboprovodov [Pipeline Construction]
Subtrop. kul't. (15d)	Subtropicheskie kul'tury [Subtropical Crops].
Sudostroenie (17b)	Sudostroenie [Shipbuilding]
Svar. proizv. (16f)	Svarochnoe proizvodstvo [Welding Practice]
Teatr (9c)	Teatr [The Theater]
Tekh. v sel'khoz. (15a)	Tekhnika v sel'skom khoziaistve [Machinery in Agriculture]
Tekst. prom. (16f)	Tekstil'naia promyshlennost' [Textile Industry]
Teor i prak. fiz. kul't. (8b)	Teoriia i praktika fizicheskoi kul'tury [Theory and Practice of Physical Education]
Teor veroiat. i ee prim. (13e)	Teoriia veroiatnostei i ee primenenila [Theory of Probability and its Applications]
Terap. arkh. (14c)	Terapevticheskii arkhiv [Therapeutic Archives]
Torg. za rub. (5a)	Torgovlia za rubezhom [Trade Abroad]
Trudy AANII (12b)	Leningrad. Arkticheskii i antarkticheskii nauchno-issledovatel'skii institut. Trudy [Arctic and Antarctic Scientific Research Institute. Transactions]
Trudy BKNII (1a)	Ulan-Ude. Buriatskii kompleksnyi nauchno-issledovatel'skii institut. Trudy [Buryat Scientific Research Institute. Transactions]
Trudy Bibl AN SSSR (2a)	Akademiia nauk SSSR. Biblioteka. Trudy Biblioteki Akademii nauk SSSR i Fundamental'noi biblioteki obshchestvennykh nauk AN SSSR [Academy of Sciences of the U.S.S.R. Library. Transactions of the Library of the Academy of Sciences of the U.S.S.R. and of the Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]
Trudy Biol. inst. Sib. otd. AN SSSR (13c)	Akademiia nauk SSSR. Sibirskoe otdelenie. Biologicheskii institut. Trudy [Academy of Sciences of the U.S.S.R. Siberian Branch. Biological Institute. Transactions]
Trudy Chech.-Ing. nauch.-issl. inst. ist., iaz. i lit. (1a)	Grozny. Checheno-Ingushskii nauchno-issledovatel'skii institut istorii, iazyka i literatury. Trudy [Chechen-Ingush Research Institute of History, Language, and Literature. Transactions]
Trudy GIN (12c)	Akademiia nauk SSSR. Geologicheskii institut. Trudy [Academy of Sciences of the U.S.S.R. Geological Institute. Transactions]
Trudy GNBS (15d)	Yalta. Gosudarstvennyi Nikitskii botanicheskii sad. Trudy [Nikita State Botanical Garden. Transactions]
Trudy Gor.-geol. inst. UFAN SSSR (12c)	Akademiia nauk SSSR. Ural'skii filial, Sverdlovsk. Gorno-geologicheskii institut. Trudy [Academy of Sciences of the U.S.S.R. Ural Branch. Mining-Geological Institute. Transactions]
Trudy IGEM (12c)	Akademiia nauk SSSR. Institut geologii rudnykh mestorozhdenii, petrografii, mineralogii i geokhimii. Trudy [Academy of Sciences of the U.S.S.R. Institute of the Geology of Ore Deposits, Petrology, Mineralogy, and Geochemistry. Transactions]
Trudy IZMIRAN (13f)	†Akademiia nauk SSSR. Institut zemnogo magnetizma, ionosfery i rasprostranenila radiovoln. Trudy [Academy of Sciences of the U.S.S.R. Institute of Terrestrial Magnetism, the Ionosphere, and Radio Wave Propagation. Transactions]
Trudy Inst. bot. AN Kazakh. SSR (13c)	Akademiia nauk Kazakhskoi SSR, Alma-Ata. Institut botaniki. Trudy [Academy of Sciences of the Kazakh S.S.R. Institute of Botany. Transactions]
Trudy Inst. etn. (12a)	Akademiia nauk SSSR. Institut etnografii. Trudy [Academy of Sciences of the U.S.S.R. Institute of Ethnography. Transactions]
Trudy Inst. fiz. Zem. (13f)	Akademiia nauk SSSR. Institut fiziki Zemli. Trudy [Academy of Sciences of the U.S.S.R. Institute of Physics of the Earth. Transactions]
Trudy Inst. ist., arkheol. i etn. AN Kazakh. SSR (4a)	Akademiia nauk Kazakhskoi SSR, Alma-Ata. Institut istorii, arkheologii i etnografii. Trudy [Academy of Sciences of the Kazakh S.S.R. Institute of History, Archaeology, and Ethnography. Transactions]
Trudy Inst. min., geokhim. i kristallokhim. red. elem. (12c)	Akademiia nauk SSSR. Institut mineralogii, geokhimii i kristallokhimii redkikh elementov. Trudy [Academy of Sciences of the U.S.S.R. Institute of the Mineralogy, Geochemistry, and Crystallography of Rare Elements Transactions]
Trudy Inst. paleobiol. AN Gruz. SSR (12c)	Akademiia nauk Gruzinskoi SSR, Tiflis. Institut paleobiologii. Trudy [Academy of Sciences of the Georgian S.S.R. Institute of Paleobiology. Transactions]
Trudy Inst. pochv. AN Tadzh. SSR (15a)	†Akademiia nauk Tadzhikskoi SSR, Stalinabad. Institut pochvovedenila. Trudy [Academy of Sciences of the Tajik S.S.R. Institute of Soil Science. Transactions]

Trudy Inst. seism. stroi. i seism. (16d)	Akademiia nauk Tadzhikskoi SSR, Stalinabad. Institut seismostoikogo stroitel'stva i seismologii. Trudy [Academy of Sciences of the Tajik S.S.R. Institute of Earthquakeproof Construction and Seismology. Transactions]
Trudy Inst. zhiv. i vet AN Tadzh. SSR (15b)	Akademiia nauk Tadzhikskoi SSR, Stalinabad. Institut zhivotnovodstva i veterinarii. Trudy [Academy of Sciences of the Tajik S.S.R. Institute of Animal Husbandry and Veterinary Medicine. Transactions]
Trudy KAI (16b)	Kazan. Aviatsionnyi institut. Trudy [Aeronautical Institute. Transactions]
Trudy Kar. fil. AN SSSR (1a)	Akademiia nauk SSSR. Karel'skii filial, Petrozavodsk. Trudy [Academy of Sciences of the U.S.S.R. Karelian Branch. Transactions]
Trudy Kazan. fil. AN SSSR. Ser. energ. i vod. khoz. (16d)	Akademiia nauk SSSR. Kazanskii filial. Trudy. Seriia energetiki i vodnogo khoziaistva [Academy of Sciences of the U.S.S.R. Kazan Branch. Transactions. Series on Electric Power and Water Resources]
Trudy KirgNIIZ (15a)	Frunze. Kirgizskii nauchno-issledovatel'skii institut zemledeliia. Trudy [Kirghiz Scientific Research Institute of Agriculture. Transactions]
Trudy Kom. chetv. per. (12c)	Akademiia nauk SSSR. Komissiia po izucheniiu chetvertichnogo perioda. Trudy [Academy of Sciences of the U.S.S.R. Commission for the Study of the Quaternary Period. Transactions]
Trudy LIVT (17b)	Leningrad. Institut vodnogo transporta. Trudy [Institute of Water Transportation. Transactions]
Trudy LPI (16a)	Leningrad. Politekhnicheskii institut. Trudy [Polytechnic Institute. Transactions]
Trudy Lab. gidrogeol. probl. (12c)	Akademiia nauk SSSR. Laboratoriia gidrogeologicheskikh problem. Trudy [Academy of Sciences of the U.S.S.R. Laboratory for Hydrogeological Problems. Transactions]
Trudy Lab. ozeroved. (12b)	Akademiia nauk SSSR. Laboratoriia ozerovedeniia. Trudy [Academy of Sciences of the U.S.S.R. Laboratory of Limnology. Transactions]
Trudy Lap. gos. zap. (13c)	Laptandskii gosudarstvennyi zapovednik. Trudy [Lapland State Preserve. Transactions]
Trudy Len. khim.-farm. inst. (14f)	Leningrad. Khimiko-farmatsevticheskii institut. Trudy [Pharmaceutical Chemistry Institute. Transactions]
Trudy Len. ob-va est. (13c)	Leningradskoe obshchestvo estestvoispytatelei. Trudy [Leningrad Naturalists' Society. Transactions]
Trudy MAI (16b)	Moscow. Aviatsionnyi institut. Trudy [Aeronautical Institute. Transactions]
Trudy MEI (16g)	Moscow. Moskovskii energeticheskii institut. Trudy [Moscow Power Engineering Institute. Transactions]
Trudy MMBI (13c)	Akademiia nauk SSSR. Murmanskii morskoi biologicheskii institut. Trudy [Academy of Sciences of the U.S.S.R. Murmansk Marine Biology Institute. Transactions]
Trudy Mat. inst. (13a)	Akademiia nauk SSSR. Matematicheskii institut. Trudy [Academy of Sciences of the U.S.S.R. Mathematical Institute. Transactions]
Trudy Mat. inst. AN Gruz. SSR (13e)	Akademiia nauk Gruzinskoi SSR, Tiflis. Matematicheskii institut. Trudy [Academy of Sciences of the Georgian S.S.R. Mathematical Institute. Transactions]
Trudy Nauch.-issl. inst. sad., vin. (15d)	Uzbekskaia akademiia sel'skokhoziaistvennykh nauk. Nauchno-issledovatel'skii institut sadovodstva, vinogradarstva i vinodeliia. Trudy [Uzbek Academy of Agricultural Sciences. Scientific Research Institute of Fruit Culture, Viticulture, and Wine Making. Transactions]
Trudy Okean. kom. (12b)	Akademiia nauk SSSR. Okeanograficheskaia komissiia. Trudy [Academy of Sciences of the U.S.S.R. Oceanographic Commission. Transactions]
Trudy Paleont. inst. (12c)	Akademiia nauk SSSR. Paleontologicheskii institut. Trudy [Academy of Sciences of the U.S.S.R. Institute of Paleontology. Transactions]
Trudy Sem. po vekt. i tenz. anal. (13e)	Moscow. Universitet. Nauchno-issledovatel'skii institut matematiki. Trudy Seminara po vektornomu i tenzornomu analizu s ikh prilozheniiami k geometrii, mekhanike i fizike [University. Scientific Research Institute of Mathematics. Transactions of the Seminar on Vector and Tensor Analysis with Their Application in Geometry, Mechanics, and Physics]
Trudy Srod.-Az. nauch.-issl. gidrometeor. inst. (13f)	Srednеaziatskii nauchno-issledovatel'skii gidrometeorologicheskii institut. Trudy [Central Asia Hydrometeorological Research Institute. Transactions]
Trudy TSNIIMF (17b)	Leningrad. TSentral'nyi nauchno-issledovatel'skii institut morskogo flota. Trudy [Central Scientific Research Institute of the Merchant Marine. Transactions]
Trudy TSNIISK (16d)	Akademiia stroitel'stva i arkhitektury SSSR. Institut stroitel'nykh konstruktsii. Trudy [Academy of Construction and Architecture of the U.S.S.R. Institute of Construction Design. Transactions]
Trudy TSSBS (13c)	Akademiia nauk SSSR. Sibirskoe otdelenie. TSentral'nyi sibirskii botanicheskii sad. Trudy [Academy of Sciences of the U.S.S.R. Siberian Department. Central Siberian Botanical Garden. Transactions]
Trudy TashGU (1a)	Tashkent. Universitet. Trudy [University. Transactions]
Trudy Tbil. NIGMI (13f)	Tiflis. Nauchno-issledovatel'skii gidrometeorologicheskii institut. Trudy [Hydrometeorological Scientific Research Institute. Transactions]
Trudy Ural. politekh. inst. (16a)	Sverdlovsk. Ural'skii politekhnicheskii institut. Trudy [Ural Polytechnic Institute. Transactions]
Trudy UzGU (1a)	Samarkand. Uzbekskii gosudarstvennyi universitet. Trudy [Uzbek State University. Transactions]
Trudy VIM (15a)	Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut mekhanizatsii sel'skogo khoziaistva. Trudy [All-Union Scientific Research Institute for the Mechanization of Agriculture. Transactions]
Trudy VNIGRI (12c)	Leningrad. Vsesoiuznyi neftianoi nauchno-issledovatel'skii geologorazvedochnyi institut. Trudy [All-Union Petroleum Geological Prospecting Institute. Transactions]
Trudy VNIIT (16c)	Leningrad. Vsesoiuznyi nauchno-issledovatel'skii institut pererabotki i ispol'zovaniia topliva. Trudy [All-Union Scientific Research Institute on the Processing and Utilization of Fuel. Transactions]
Trudy VSEGEI (12c)	Leningrad. Vsesoiuznyi geologicheskii institut. Trudy [All-Union Geological Institute. Transactions]
Trudy Vseros. nauch.-issl. inst. sakh. svekly i sakh. (15d)	Ramon'. Vserossiiskii nauchno issledovatel'skii institut sakharnoi svekly i sakhara. Trudy [All-Russian Scientific Research Institute of Sugar Beets and Sugar. Transactions]
Trudy Vses. inst. sel'khoz. mikrobiol. (15a)	Leningrad. Vsesoiuznyi nauchno-issledovatel'skii institut sel'skokhoziaistvennoi mikrobiologii. Trudy [All-Union Scientific Research Institute of Agricultural Microbiology. Transactions]
TSement (16d)	TSement [Cement]
TSir. Astron. obser. Khar. un. (13b)	Kharkov. Universitet. Astronomicheskaia observatoriia. TSirkuliar [University Astronomical Observatory. Circular]
TSir. Astron. obser. L'viv. un. (13b)	Lvov. Universytet. Astronomichna observatoriia. TSirkuliar [University Astronomical Observatory. Circular]
Uch. zap. GGPI (1a)	Gorkiy. Gosudarstvennyi pedagogicheskii institut. Uchenye zapiski [State Pedagogical Institute. Studies]
Uch. zap. KHGU (1a)	Kharkov. Universitet. Uchenye zapiski [University. Studies]
Uch. zap. LGU (1a)	Leningrad. Universitet. Uchenye zapiski [University. Studies]
Uch. zap. MGPI (1a)	Moscow. Moskovskii gosudarstvennyi pedagogicheskii institut. Uchenye zapiski [Moscow State Pedagogical Institute. Studies]
Uch. zap. MOPI (1a)	Moscow. Moskovskii oblastnoi pedagogicheskii institut. Uchenye zapiski [Moscow Province Pedagogical Institute. Studies]
Uch. zap. Mosk. nauch.-issl. inst. san. i gig. (14g)	Moscow. Nauchno-issledovatel'skii institut sanitarii i gigieny. Uchenye zapiski [Scientific Research Institute of Sanitation and Hygiene. Studies]
Ukr. bot. zhur. (13c)	Ukrains'kyi botanichnyi zhurnal [Ukrainian Botanical Journal]. In Ukrainian.
Ukr. khim. zhur. (13d)	Ukrainskii khimicheskii zhurnal [Ukrainian Chemical Journal]
Ukr. mat. zhur. (13e)	Ukrainskii matematicheskii zhurnal [Ukrainian Mathematical Journal]
Ukraina (1b)	Ukraina [The Ukraine]. In Ukrainian.
Usp. khim. (13d)	Uspekhi khimii [Progress in Chemistry]
Usp. mat. nauk (13e)	Uspekhi matematicheskikh nauk [Progress in the Mathematical Sciences]
Uzb. biol. zhur. (13c)	Uzbekskii biologicheskii zhurnal [Uzbek Biological Journal]
Uzb. (1	
Uzb	
V	
Ve	
Ve	
Ve	
Ve	
Ve	
Ve	
Ve	
Ve	

Vest. khir (14h)	Vestnik khirurgii [Review of Surgery]
Vest LGU (1a)	Leningrad Universitet Vestnik [University, Review]
Vest. mash (16g)	Vestnik mashinostroenila [Machine-Building Review]
Vest protivovozd. obor. (17a)	Vestnik protivovozdushnoi oborony [Air Defense Review]
Vest. rent i rad (14a)	Vestnik rentgenologii i radiologii [Review of Roentgenology and Radiology]
Vest. stat. (5b)	Vestnik statistiki [Statistical Review]
Vest. Vozd. Fl. (17a)	Vestnik Vozdushnogo Flota [Review of the Air Force]
Vest. vys. shkoly (8a)	Vestnik vysshei shkoly [Review of Schools for Higher Education]
Visti Inst hidrol. i hidr. AN URSR (16d)	Akademiia nauk URSR, Kiev. Instytut hidrologii i hidrotekhniky Visti [Academy of Sciences of the Ukrainian S.S.R. Institute of Hydrology and Hydraulic Engineering. Bulletin]
Vnesh. torg. (5a)	Vneshniaia torgovlia [Foreign Trade]
Voen. vest. (17a)	Voennyi vestnik [Military Review]
Volov. ateist (3b)	Volovnychyi ateist [Militant Atheist]
Vokrug sveta (12b)	Vokrug sveta [Around the World]
Vop. ekon. (5b)	Voprosy ekonomiki [Problems of Economics]
Vop. geog (12b)	Voprosy geografii [Problems of Geography]
Vop geol IUzh Tian'-Shania (12c)	ł Voprosy geologii IUzhnogo Tian'-Shania [Problems of the Geology of Southern Tien Shan]
Vop. ikht. (13c)	Voprosy ikhtiologii [Problems in Ichthyology]
Vop. ist. (4a)	Voprosy istorii [Problems of History]
Vop. lit. (11b)	Voprosy literatury [Problems of Literature]
Vop. med. khim (14f)	Voprosy meditsinskoi khimii [Problems of Medical Chemistry]
Vop neirokhir. (14h)	Voprosy neirokhirurgii [Problems of Neurosurgery]
Vop. okh. mat i det. (14b)	Voprosy okhrany materinstva i detstva [Problems of Mother and Child Care]
Vop. pit. (13c)	Voprosy pitaniia [Problems of Nutrition]
Vop radiobiol [AN Arm SSR] (13c)	ł Voprosy radiobiologii, sbornik trudov [Problems of Radiobiology]
Vop. raket. tekh. (18b)	Voprosy raketnoi tekhniki; sbornik perevodov i obzorov inostrannoi periodicheskoi literatury [Problems of Rocket Engineering; Translations and Surveys of Foreign Periodical Literature]
Vop. teor. arkhit. (10b)	Voprosy teorii arkhitektury [Problems of the Theory of Architecture]
Vop. virus (13c)	Voprosy virusologii [Problems of Virology]
Vrach. delo (14a)	Vrachebnoe delo [Medical Practice]
Vsem. prof. dvizh. (5d)	Vsemirnoe profsoiuznoe dvizhenie [World Trade-Union Movement]
Vych tekh (13e)	ł Moscow Inzhenerno-fizicheskii institut. Vychisli-tel'naia tekhnika; sbornik statei [Institute of Engineering Physics. Computer Technology; Papers]
Vysokom. soed. (13d)	Vysokomolekuliarnye soedineniia [Macromolecular Compounds]
Za rul. (16g)	Za rulem [At the Wheel]
Zap. Vses. min. ob-va (12c)	Vsesoiuznoe mineralogicheskoe obshchestvo. Zapiski [All-Union Mineralogical Society. Records]
Zarub. radioelek. (16c)	Zarubezhnaia radioelektronika [Radio Engineering Abroad]
Zav. lab. (16h)	Zavodskaia laboratoriia [The Factory Laboratory]
Zdorov'e (14a)	Zdorov'e [Health]
Zdrav Bel (14a)	Zdravookhranenie Belorussii [Health Service of White Russia]
Zdrav. Kazakh. (14a)	Zdravookhranenie Kazakhstana [Health Service of Kazakhstan]
Zdrav. Ros. Feder. (14a)	Zdravookhranenie Rossiiskoi Federatsii [Health Service of the Russian Federation]
Zemledelie (15d)	Zemledelie [Agriculture]
Zhel. dor transp (16g)	Zheleznodorozhnyi transport [Railroad Transportation]
Zhur. eksp. i teor. fiz (13f)	Zhurnal eksperimental'noi i teoreticheskoi fiziki [Journal of Experimental and Theoretical Physics]
Zhur. mikrobiol., epid. i immun. (14a)	Zhurnal mikrobiologii, epidemiologii i immunobiologii [Journal of Microbiology, Epidemiology, and Immunobiology]
Zhur. mod (16f)	Zhurnal mod [Fashion Magazine]
Zhur. Mosk. Patr. (3b)	Orthodox Eastern Church, Russian. Patriarch. Zhurnal Moskovskoi Patriarkhii [Journal of the Moscow Patriarchate]
Zhur. nauch. i prikl. fot. i kin. (16c)	Zhurnal nauchnoi i prikladnoi fotografii i kinematografii [Journal of Scientific and Applied Photography and Cinematography]
Zhur. neorg. khim. (13d)	Zhurnal neorganicheskoi khimii [Journal of Inorganic Chemistry]
Zhur. nevr. i psikh. (14c)	Zhurnal nevropatologii i psikhiatrii [Journal of Neuropathology and Psychiatry]
Zhur. ob. biol. (13c)	Zhurnal obshchei biologii [Journal of General Biology]
Zhur. ob. khim. (13d)	Zhurnal obshchei khimii [Journal of General Chemistry]
Zhur. strukt. khim. (13d)	Zhurnal strukturnoi khimii [Journal of Structural Chemistry]
Zhur. VKHO (13d)	Vsesoiuznoe khimicheskoe obshchestvo imeni D I Mendeleeva. Zhurnal [D.I. Mendeleev All-Union Chemical Society. Journal]
Zhur. vych. mat. i mat. fiz. (13e)	Zhurnal vychislitel'noi matematiki i matematicheskoi fiziki [Journal of Computer Mathematics and Mathematical Physics]
Zhur. vys. nerv. deiat. (14c)	Zhurnal vysshei nervnoi deiatel'nosti [Journal of the Higher Nervous Function]
Znan. sila (13a)	Znanie - sila [Knowledge is Power]
Zool. zhur. (13c)	Zoologicheskii zhurnal [Zoological Journal]

ACTH
Use of ACTH and glycocorticoids in epidemic hepatitis (Botkin's disease) [with summary in English] V. A. Sydrin Klin. med no. 3 59-66 '62.

AGUR—ORE DRESSING
Determining the number of repair-shop workers in shifting to a centralized repair system in an ore dressing and sintering plant. M. Bogomolov, A. Stafeev. Biul. nauch.-inform.-trud i zar. plata 5 no. 3 41-44 '62.

AGUR—SINTERING
Determining the number of repair-shop workers in shifting to a centralized repair system in an ore dressing sintering plant. Biul. nauch. inform. trud i zar. plata 5 no. 3, 41-44 '62.

BDOMEN—DISEASES
Role of chronic diseases of the abdominal organs in the course of peptic ulcer N. A. Aushev Vrach. delo no. 8 10-13 Ag '61.
Significance of vagosympathetic novocaine block for the diagnosis of "acute abdomen." V. IU. Kesnler Vest. khir no. 9;105-108 '61.
Study of C-reactive protein in acute surgical diseases of abdominal organs A. I. Goshkina, E. V. Kolesov. Vest. khir no. 8;21-26 '61.

BDOMEN—SURGERY
Anesthesia in emergency surgery on organs of the abdominal cavity. E. I. Vol'pert, I. N. Ershova, K. N. Lazareva. Vest. khir. no. 3;85-90 '62.
Early relaparotomies in acute pancreatitis [with summary in English]. R. S. Shpizel'. Sov. med 25 no. 2 60-62 F '62.
Experimental pericardioabdominostomy [with summary in English]. G. D. Mysh Grud. khir. 1 no. 4 32-35 Jl-Ag '59
Ligation of both exterior iliac veins by means of a curved suprapubic extraperitoneal incision in decompensated mitral disease [with summary in English]. K. T. Ovnatanian. Grud. khir. 2 no. 1;33-37 Ja-F '60
[Multivolume manual on surgery] Mnogotomnoe rukovodstvo po khirurgii. Moskva, Medgiz.
Vol. 7. Mel'nikov, A. V., and A. N. Filatov, eds. [Surgery of the abdominal wall and organs of the abdominal cavity, the stomach and intestines] Khirurgiia briushnoi stenki, organov briushnoi polosti-zheludka i kishechnika. 1960. 746 p.
(DNLM)

BDOMEN—WOUNDS AND INJURIES
Combined subcutaneous injuries of the pancreas and organs of the abdominal cavity. I. K. Karaev, T. M. Kariev, I. IU. Badov. Khirurgiia no. 3 36-40 '62.

BELIAN GROUPS
Separability of complete direct sums of Abelian groups of the first rank without torsion. A. P. Mishina. Dokl. AN SSSR 143 no. 2;275-276 Mr '62.

BKHAZIA—EDUCATION
Dudko, A. P. [From the history of pedagogical education in Abkhazia] Iz istorii pedagogicheskogo obrazovaniia v Abkhazii. [Sukhumi] Abgosizdat, 1961. 125 p.

BNORMALITIES (ANIMALS)
Teratology of trematodes [with summary in English]. V. N. Alekseev, S. M. Lopukhova. Zool. zhur. 41 no. 3;453-454 Mr '62.

BNORMALITIES (PLANTS)
New bud formations in black currants. V. L. Vitkovskii. Bot. zhur. 47 no. 3;394-398 Mr '62.

BORTION
Preparing a patient for abortion and postoperative care. E. N. Khudiakova. Med. sestra 20 no. 12;50-51 D '61.

BRIKOSOVKA—BOOKSELLERS AND BOOKSELLING
Enthusiasts from Abrikosovka. S. Maksrov. Klub 11 no. 2-6-7 F '62.

ABSCESS
Antimicrobial and therapeutic effect of antibiotics of the neomycin series, monomycin and colimycin, in experimental pneumonia with abscesses caused by Kl. pneumoniae [with summary in English]. S. Saidkarimov. Antibiotiki 7 no. 4 339-345 Ap '62.
Multiple abscesses of the skin in children. S. IA. Golosovker. Vop. okh. mat. i det. 7 no. 2 42-44 F '62.

ABSENTEEISM (LABOR)
When a worker violated labor discipline N. Guliaev, V. Stepanov. Sov. profsoiuzy 18 no. 3 47 F '62

ABSOLUTE DIFFERENTIAL CALCULUS see Calculus of tensors

ABSORPTION
Increasing the absorption of nitrogen oxides from exhaust gases by alkaline solutions. S. N. Ganz. Izv. vys. ucheb. zav. khim. i khim. tekh. 4 no. 998-1002 '61

ABSORPTION (PHYSIOLOGY)
Effect of anticoagulants on absorption from the abdominal cavity during different phases of peritonitis [with summary in English] S. M. Lutsenko. Pat. fiziol i eksp. terap. 6 no. 1;53-55 Ja-F '62.
Effect of the toxic properties of gastric and intestinal contents on the course of perforating peritonitis in an experiment. V. V. Fedorov. Kaz. med. zhur. no. 5: 49-52 S-O '61.
Role of the cells of the intestinal epithelium of the villi in the mechanism of absorption of nutritional fats [with summary in English]. M. I. Razumov. Vop. pit. 21 no. 2;20-26 '62

ABSORPTION OF LIGHT
Reflection and transmission of light by plane-parallel layers with negative absorption coefficients. B. I. Stepanov. Opt. i spektr. 12 no. 3;440-443 Mr '62.

ABSORPTION SPECTRA
Accuracy of determining the optical constants of absorbing substances by the rotating polarizer method. A. P. Prishivalko. Dokl. AN BSSR 5 no. 10;433-437 O '61
Theory of the amplification of an optical signal by a medium with a negative absorption coefficient. IU. M. Kagan, V. I. Perel', M. P. Chaika. Opt. i spektr. 12 no. 3;427-433 Mr '62.
Universal interrelation between absorption and luminescence spectra and the luminescence yield. M. N. Alentsev. Opt. i spektr. 12 no. 3 439-440 Mr '62.

ABSTINENCE see Fasting

ABSTRACT ALGEBRA see Algebra, Abstract

ABSTRACT ART see Art, Abstract

ABSTRACT METRICS see Distance geometry

ACADEMY OF SCIENCES OF THE U. S. S. R.
(see also subdivision under Akademgorodok)
The year of great achievements, General Assembly of the Academy of Sciences of the U.S.S.R. Priroda 51 no. 3;3-8 Mr '62.

ACADEMY OF SCIENCES OF THE UZBEK S. S. R.
Results and objectives of research in the Department of Social Sciences of the Academy of Sciences of the Uzbek S. S. R. Obshchestv. nauki v Uz 6 no. 1. 5-10 '62.

ACCELERATORS, ELECTRON see Particle accelerators

ACCIDENTS—PREVENTION
(see also subdivision under Moscow Province)
Prevention of injuries in production work. S. IA. Freidlin. Med. sestra 21 no. 1;7-12 Ja '62.
Role of assistant medical personnel in the prevention of industrial injuries at the Sergo Ordzhonikidae Tractor Plant at Kharkov. V. S. Kostrikov, I. S. Efimov. Med. sestra 21 no. 1;43-47 Ja '62.

ACCLIMATIZATION
Some characteristics of the acclimatization of new settlers in a desert. P. A. Solomko. Med. zhur. Uzb. no. 5; 64-69 My (60.

ACCOUNTING
Ofmanis, J. [Business accounting in industry] Saimnieciskais aprekins rupniecība. Riga, Latvijas Valsts izdevniecība, 1961 205 p. Paligs ekonomiskai izglitibai) [In Latvian]
Vedernikov, S. S. [Principles of accounting] Osnovy bukhgalterskogo ucheta; uchebnoe posobie dlia podgotovki schetovodov. Moskva, Gosplanizdat, 1961. 154 p.
(MH)

ACCOUNTING MACHINES
Kapralova, R. P. [Billing machines; manual for operators for studying the operation of the machine] Fakturnye mashiny; posobie dlia operatorov po samostoiatel'nomu izucheniiu tekhniki raboty na mashine. Moskva, Gosstatizdat TsSU SSSR, 1961. 100 p
Ovsiannikov, N. N. [The SP-22 accounting machine; textbook for teaching the technique of machine operation] Bukhgalterskaia mashina modeli SR-22; posobie dlia obuchenila tekhnike raboty na mashine. Moskva, Gosstatizdat, 1961. 71 p.

ACENAPHTHENE
Crystallographic data of some derivatives of acenaphthene. Zhur. strukt. khim 3 no. 1 99 Ja-F '62

ACETALDEHYDE
Method of separate calorimetry for studying the conversion of ethyl alcohol to acetaldehyde Part 1 Effect of the nature of solid surface. T. P. Kornienko, F. G. Kapustina, M. V. Poliakov Ukr. khim. zhur. 28 no. 2. 192-196 '62.

ACETALS
Exchange reactions of ketals of aromatic ketones. T. I. Temnikova, V. V. Takhistov Zhur. VKHO 7 no. 1; 115-116 '62.

ACETARSONE
Individual intolerance to osarsol. IU. N. Tokarev, F. N. Korol'kov. Vrach. delo no. 8 133-134 Ag '61.

ACETATES—TOXICOLOGY
Materials on the determination of maximum permissible concentrations of acetates in the air. V. A. Gofmekler. Pred. dop. kontsent. atmosf. zagr. no. 5;142-168 '61.

ACETIC ACID
Complexometric (EDTA analysis) quick method for determining cobalt in the styrol solution of cobalt naphthenate and cobalt driers E. A. Naviazhskaia, V. S. Sporykhina Lakokras. mat. i ikh. prim no. 6;55-57 '61.
Heat of mixing liquids Part 3: Heat of mixing for ternary systems. Experimental study of heats of mixing in the ternary system n-propyl alcohol - n-propyl acetate - water [with summary in English] V. P. Belousov, A. G. Morachevskii, A. V. Storonkin. Vest. LGU 17 no. 4: 96-105 '62
Investigating functional changes in specific sections of chromosomes from the salivary glands of Drosophila melanogaster. N. B. Khristoliubova, N. Z. Zagorskaia, R. M. Volkova. Izv. Sib. otd. AN SSSR no. 12;87-91 '61.
p-Di(2-chloroethyl) aminophenylalanine (sarcolysine) and its derivatives. Part 8: Cholesterol esters of ethylsarcolysine and p-di(2-chloroethyl)aminophenylacetic acid. E. N. Shkodinskaia and others. Zhur. ob. khim. 32 no. 3,959-961 Mr '61.
Preparation and properties of the sodium salt of manganese(II) ethylenediaminetetraacetic acid V. A. Radi'ko, E. M. IAkimets. Zhur neorg. khim. 7 no. 3;683-686 Mr '62.
Rapid determination of potassium as the cobaltinitrite with EDTA ending of the analysis. B. I. Soibel'man. Ukr. khim. zhur. 28 no 2;242-245 '62.
Reactions of aliphatic diazo compounds with unsaturated compounds. Part 21: Reaction of diazoacetic ester with 1-phenylpropyne in the presence of small amounts of copper sulfate or without catalysts. I. A. D'iakonov, M. I. Komendantov, S. P. Korshunov. Zhur. ob. khim. 32 no. 3;923-928 Mr '62.

ACETIC ACID (Continued)
Reactions of aliphatic diazo compounds with unsaturated compounds. Part 22 Catalytic condensation of diazoacetic ester with cis- and trans-stilbenes and 4-octenes Synthesis of new derivatives of cyclopropane I A D'iakonov and others Zhur ob khim. 32 no. 3,928-939 Mr '62.
Reducing losses of butyl acetate in the course of dephenolization of tar water at the "Slantsy" combine L I Shmidt, IU A Kozak Trudy VNIIT no 10 236-239 '61
Therapeutic effect of the sodium salt of phenylethylactic acid, vanadyl sulfate, and their combinations in experimental atherosclerosis, V V, Korkhov, Dokl AN SSSR 143 no 3 724-726 Mr '62.
Use of diprophen in the treatment of toxic angioneuroses N. A Smirnova Gig truda i prof. zab 4 no 1 48-49 Ja '60

ACETOACETIC ACID
4-Carbamoylanilide of acetoacetic acid in connection with the synthesis of migration-stable monoazo pigments N G Laptev, A N Vysolosov, I A Merezhkova Zhur. VKHO 7 no 1'110-111 '62

ACETONE
Catalytic action of amino acids and amines in reactions of carbonyl compounds Part 7 Condensation of the enamine base of N-propenylpiperidine with propionaldehyde and acetone A A IAsnikov, K I Matkovskii Ukr khim zhur 28 no 2 210-212 '62

ACETONITRILE
Products of interaction of haloacetonitriles with hydrohalides and their reactions with nucleophilic reagents, A IA. Lazaris, E N Zil'berman, O.D Shishkov Zhur. ob khim. 32 no. 3 900-905 Mr '62.

ACETYL GROUP
Catalytic deacetylation by means of perchloric acid in the carbohydrate series IU Zhdanov, G. A. Korol'chenko, G. N. Dorofeenko Dokl AN SSSR 143 no 4 852-854 Ap '62.

ACETYLATION
Acetylation of N-methyl-4-(arylamino)-anthrapyridones and synthesis of anthradipyridones. E P Fokin, R P. Ivanova Izv. Stb. otd AN SSSR no 1 62-67 '62.
Cholesterol metabolism, acetylation, and thiamine [with summary in English] IU, M. Ostrovskii, Biul eksp biol. i med. 52 no 7:62-64 Jl '61

ACETYLENE
Hydrochlorination of acetylene on aluminum oxide. K. V Topchieva, S. A Ventiaminov Kin i kat 3 no. 1 118-122 '62.
Preparation of copper acetylenide. IA. IU. Aliev, T. G. Gar'kovets, L. V. Penskaia. Uzb. khim. zhur 6 no. 1 69-72 '62.

ACETYLENE COMPOUNDS
Chemistry of polyenic and polyacetylenic compounds Report No 3 γ-oxyacetylene- and vinylacetylenecarboxylic acids and some of their transformations V F Kucherov and others Izv AN SSSR. Otd. khim nauk no 3 484-490 Mr '62
Chromatographic analysis of microimpurities of acetylene and diene compounds in complex hydrocarbon mixtures M. S Vigdergauz and others. Zav. lab. 28 no 2 149-150 '62.
Tri- and tetraacetylenic macrocyclic lactones L. D. Bergel'son, IU. G. Molotkovskii. Izv. AN SSSR Otd. khim. nauk no 3 539-540 Mr '62

ACID-BASE EQUILIBRIUM
Calculation of pH of aqueous solutions of strong acids and bases at high temperatures. O. I. Martynova, E. L Mingulina. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no 6:1041-1042 '61.

ACIDS, FATTY
Chemistry of polymyxin M. Part 5. Identification of fatty acid. A. B. Silaev, E. P. Ilikova, L. A Baratova, Zhur. ob. khim. 32 no. 3:818-820 Mr '62.
Determination of fatty carboxylic acids in air IU. V. Diuzheva. Uch zap Mosk nauch. -issl inst. san. i gig. no 5 17-26 '60.
Determination of high molecular weight monobasic fatty acids Uch zap. Mosk nauch -issl. inst. san. i gig. no 5 52-53 '60
Determination of the total of monobasic fatty acids in air. Uch zap Mosk. nauch -issl inst. san. i gig. no 5 49-51 '60
Effect of temperature on the direction of the reaction of fatty acid esters with lithium alkyls. A. D. Petrov, E P Kaplan, IA TSir. Zhur. ob. khim. 32 no. 3 693-698 Mr '62.
Electrokinetic properties of membranes obtained from saturated fatty acids [with summary in English] O N, Grigor'ev, N G. Sharova, Vest. LGU 17 no 4:143-147 '62.

ACIDS, INORGANIC
Extraction of certain strong monobasic acids with trioctylamine O. I Zakharov-Nartsissov, A V. Ochkin. Zhur neorg. khim. 7 no 3 665-670 Mr '62.

ACIDS, ORGANIC
Coordination polymers. Part 8: Polymers based on aromatic o, o'-dihydroxydicarboxylic acids and bivalent metals [with summary in English] V. V. Korshak, S. V. Rogozhin, V. I. Volkov. Vysokom. soed 3 no. 12 1808-1815 D '61
Corrosion inhibiting effect of salts of some organic acids. E. V. Bogatyreva. Izv. vys. ucheb. zav., khim. i khim tekh 4 no 6 1030-1031 '61
Effect of the additions of carboxylic acids on the oxidation of cyclohexanone in the liquid phase K A Chervinskii, V. I Karban. Ukr. khim zhur 28 no 2 198-202 '62

ACOUTSIC NERVE—DISEASES
Treatment with novocembichine of neuritis of the acoustic nerve. M. L. Abramov. Zdrav. Bel. 8 no 1 58-60 Ja '62.

ACOUSTIC NERVE—TUMORS
Characteristics of the clinical syndromes of neurinomas of the acoustic nerve in relation to the shape of the skull [with summary in English] A S. Gabichelian Vop neirokhir no 2 27-30 '62

ACOUSTICAL MATERIALS
New soundproofing materials. M. A. Matveev, K. A. Smirnova. Stroi mat. 8 no. 2:28-29 F '62

ACOUSTICS see Hearing

ACQUISITIONS (LIBRARIES)
The acquisition of Russian books by the Library of the Academy of Sciences of the U. S. S. R in the 18th century G F. Fedozerskaia, K. I Shafranovskii Trudy Bibl AN SSSR 5 288-297 '61
Library book agents at a new stage T. Mistriukova, M. Pokalo. Sov. knizh. torg. 14 no. 3:10-14 Mr '62.
Specific features of the acquisition of current foreign literature by the Library of the Academy of Sciences of the U S S. R. P I Egorov, K. V. Liutova Trudy Bibl AN SSSR 5 182-192 '61

ACROBATICS
Some characteristics of the formation of sports skills depending upon the character of orienting activity. B. I. IAkubchik. Dokl. APN S no. 4:111-114 '61.

ACROLEIN
Chromatographic determination of acrolein dimer in a reaction mixture M L Vladavets and others. Zav. lab. 28 no 2 145-146 '62
Oxidation of organic compounds. Part 28: Oxidative ammonolysis of acrolein. S. R Rafikov, D. Kh Sembaev, B. V. Suvorov. Zhur. ob khim. 32 no. 3,930-941 Mr '62.

ACRYLAMIDE
Flocculating action of polyacrylamide compounds on certain ore pulp components. S. F. Kuz'kin, S. N. Zolin. Izv. vys. ucheb. zav., tsvet. met. 5 no. 2:45-49 '62.
Introduction and practical use of polyacrylamide for the flocculation of circulating water slurry V S. Butovetskii, F. L Plitasov. Koks i khim. no 2:3-8 '62.
Mechanism of polyacrylamide flocculator action. S. F. Kuz'kin, V. P Nebera. Sbor. nauch trud. GINTSVETMET no. 33 202-216 '60

ACRYLIC ACID
New esters of acrylic and methacrylic acids [with summary in English]. F. P. Sidel'nikovskaia and others. Vysokom. soed. 4 no. 3:389-392 Mr '62.

ACRYLONITRILE
Methods of purification of waste waters from the production of foamed polystyrene and styrene copolymer with acrylonitrile, B. I. Ivanov and others. Trudy VNIIT no. 10:217-227 '61.
Oxidation of organic compounds. Part 28: Oxidative ammonolysis of acrolein. S. R. Rafikov, D. Kh. Sembaev, B. V. Suvorov Zhur. ob. khim. 32 no. 3:839-841 Mr '62.

ACRYLONITRILE—PHYSIOLOGICAL EFFECT
Cumulative effect of nitrile of acrylic acid. L. V. Komissarov. Gig. truda i prof. zab. 4 no. 1 36-38 Ja '60

ACTING
Bormane, Olga, [Principles of stage speech] Skatuves runas pamati. Riga, Latvijas Valsts izdevnieciba, 1961. 152 p. [in Latvian]

ACTING—STUDY AND TEACHING see subdivision under Moscow

ACTINOMYCES
Aeration and respiration of actinomycetes and proactinomycetes synthesizing antibiotics in fermentors in relation to biochemical changes in the culture media [with summary in English]. K.K. Ivanov and others. Antibiotiki 6 no. 11:984-989 N '61.
Antagonistic properties of actinomyces isolated from soils in the Ukraine [with summary in English]. L. D. Kaliuzhnaia and others. Antibiotiki 7 no. 3:19-24 Mr '62.
Characteristics of three strains of actinomycetes synthesizing new antibiotics [with summary in English]. G. Szabo, T. P. Preobrazhenskaia. Antibiotiki 7 no. 4: 312-317 Ap '62.
Comparative studies of the specific properties of Streptomyces rimosus strains producing and not producing oxytetracycline [with summary in English]. L. Nyiri. Antibiotiki 7 no. 3:11-18 Mr '62.
Comparison of the species composition and antibiotic properties of actinomycetes from soils of the Gornyy Altai (U. S. S. R.) and Yench'ian District (Chinese People's Republic) [with summary in English]. T. Krzywy. Mikrobiologiia 31 no. 1:90-94 Ja-F '62.
Electron microscope study of the actinophages in a lysogenic Act. erythreus culture [with summary in English] IA I Rautenshtein, A. S. Tikhonenko, V. L Rotinskaia Mikrobiologiia 31 no 1 48-53 Ja-F '62
External characteristics in the systematization of actinomycea (results of the study of the collection of strains of the International Taxonomic Committee). N A Krasil'nikov, A. I. Korenisko, N I. Nikitina. Antibiotiki T no. 3 3-11 Mr '62.
Hybridization of Actinomyces erythreus [with summary in English] Li Khuan-lo (Li Huan-lo). Mikrobiologiia 31 no 1 61-65 Ja-F '62
Isolation and some properties of teichoic acid from Actinomyces streptomycini biass. I. B. Naumova, A. I. Belozerskii, F. A. Shafikova. Dokl. AN SSSR 141 no 3 730-733 Mr '62.
Obtaining streptomycin-producing variants under the influence of actinophages of "zero" mutants of the I-S-1 strain of Act. streptomycini [with summary in English] S I Alikhanian, A F Teterinatnik. Mikrobiologiia 31 no 1 51-60 Ja-F '62.
Olivomycin a new antibiotic produced by Actinomyces olivoreticuli [with summary in English]. G. I. Gause, R. S. Ukholina, M. A. Sveshnikova. Antibiotiki 7 no. 3 34-38 Mr '62
Thermophilic actinomycetes in the soils of the Kandra and their antagonistic properties [with summary in English] N S Agre, V. K. Orleanskii. Mikrobiologiia 31 no. 1 95-102 Ja-F '62.
Thermophilic Micromonospora and its production of the antibiotic T-12 in conditions of surface and deep fermentation at 50-60° [with summary in English]. A I Bova and others Mikrobiologiia 31 no. 1 66-71 Ja-F '62.
Uninterrupted cultivation of fungi and actinomycetes. I. G. Kolesnikova. Antibiotiki 6 no 11 1013-1017 N '61.

ACTIVATED CARBON see Carbon, Activated

ACTIVITY COEFFICIENTS
Application of mass action law to adsorption equilibria. S. IU. Elovin, O. G. Larionov. Izv. AN SSSR Otd. khim nauk no. 3 531-533 Mr '62
Silicon activity in copper-silicon-nickel alloys. IU P Nikitin. Izv. vys. ucheb. zav., tsvet. met. 5 no. 2 52-57 '62.

ACTORS
Stage players on the screen. Teatr 23 no. 3:11 Mr '62

ACTORS, PROFESSIONAL ETHICS FOR
Significance of ethics in the training of a stage artist. M. P. Tagianosova. Nauch.-metod. zap. Ural. [illegible] no. 4:97-99 '61.
Stanislavskii, K. S. [Ethics] Etika. Predisloviie narisovannoe artista SSSR A. D. Popova. Moskva, Izd-vo "Iskusstvo" 1962. 45 p. (Repertuar khudozhestvennoi samodeiatel'nosti, no. 1)

ACTORS, WHITE RUSSIAN
Our people's actor. V. Pleshavenko. Sov. deput. trud. no. 3:28-30 Mr '62.

ACUPUNCTURE
Chen-chiu therapy of some skin diseases. G. Z. Shi'ka, medilarov. Kaz. med. zhur. no. 1:54-56 Ja-F '62.
Treatment by acupuncture of peripheral paralysis of the facial nerve. IA. K. Kashmel'. Zhur. Bel. 8 no. 1 57-58 Ja '62.

ACYLATION
Magnesium perchlorate (anhydrone), a new catalyst for acylation. G. N. Dorofeenko, V. I. Dulenko. Zhur. VKHO 7 no. 1:120 '62.

ADAPTATION (BIOLOGY)
Microclines as a form of adaptation. P. V. Tarasov. Trudy Len. ob-va est. 72 no. 1:40-43 '61.
Survival rate of young humpback salmon (Oncorhynchus gorbuscha Walb.) depending on methods used in transferring them from fresh water into sea water. G. I. Charov. Trudy MMBI no. 3:83-90 '61.
Ways of adaptation to changes in the chemical [illegible] of the environment in crustaceans. A. N. Zubar. Trudy MMBI no 3:61-62 '61.

ADDING MACHINES see Calculating machines

ADDISON'S DISEASE
Characteristics of the course of Addison's disease in children. G. S. Zefirova, V. I. Pokrovskii. Vop. [illegible] mat. i det. 7 no. 2:37-41 F '62.

ADENINE
Synthesis of adenine. L. R. Davidenkov. Med. prom. 16 no. 1:25-28 Ja '62.

ADENOIDS
Basic argyrophil substance in hypertrophy of the nasopharyngeal tonsils. B. IA. Kontuashvili. Med. zhur Uzb. no. 5:80-81 My '60.

ADENOMYOSIS see Endometriosis

ADENOSINE TRIPHOSPHATES
Data on the comparative evaluation of the results of treating endarteritis obliterans by intra-arterial administration of some medical substances. T. K. Kokeev. Zdrav. Kazakh. 21 no. 12:8-13 '61.

ADENOVIRUS INFECTIONS
(see also subdivision under Moscow)
Acute respiratory diseases in children caused by the 7a type of adenovirus [with summary in English]. F. G. Epshtein and others. Sov. med. 25 no. 2:81-85 F '62.
Clinical characteristics of the basic forms of adenovirus diseases in children [with summary in English]. S. G. Cheshik. Vop. okh. mat. i det. 7 no. 2:1-13 F '62.

ADENYLATE KINASE
Investigating some transformations of nucleotides from aqueous extracts of the liver and spleen of a rabbit. A. V. Kotel'nikova, V. V. Solomatina. Dokl. AN SSSR 143 no. 2:452-455 Mr '62.

ADHESION
"Autohesion and adhesion of high polymers" by S. S. Voiutskii. Reviewed by G. L. Slonimskii. Vysokom. soed. 3 no. 12:1878-1879 D '61.
Dependence of gas permeability on the bond strength of elements in materials obtained by compounding elastomers with polymeric fibers. V. G. Raevskii, S. S. Voiutskii, Z. D. Shteinburg. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 6:1022-1025 '61.
Effect of the structuration of elastomers on their adhesion to fiber-forming polymers. Part 2: Effect of double bonds in side chain groups of molecules of elastomers [with summary in English]. V. G. Raevskii, S. S. Voiutskii, I. V. Livanova. Vysokom. soed. 4 no. 3:386-370 Mr '62.
Effect of various types of elastomer structure formation on their adhesion to fiber-forming polymers. Part 1: Effect of sulfur vulcanization on the adhesion of rubbers to fiber-forming polymers [with summary in English]. V. G. Raevskii and others. Vysokom. soed. 3 no. 12:1826-1832 D '61.

ADHESIONS (ANATOMY)
Histogenesis and structure of pleural adhesions, experimental and clinical studies. Report No. 2. V. V. Vakhidov. Med. zhur. Uzb. no. 1:54-59 Ja '62.

ADHESIVES
Strength of glued and welded joints. V. N. Shavyrin. Avtom. svar. 15 no. 4:16-22 Ap '62.

ADIANTUM
Azerbaijanian wild fern Adiantum and its use as a decorative plant. G. M. Rasulova. Izv. AN Azerb. SSR, ser. biol. i med. nauk no. 1:21-30 '61.

ADIPIC ACID
Vinyl monomers based on dicarboxylic acids. Part 1: Monoesters of adipic and succinic acids. G. N. Freidlin and others. Zhur. ob. khim. 32 no. 3:782-791 Mr '62.
Vinyl monomers based on dicarboxylic acids. Part 2: Vinyl alkyl esters of succinic and adipic acids. G. N. Freidlin and others. Zhur. ob. khim. 32 no. 3:795-798 Mr '62.

ADIPONITRILE
Formation of secondary amines in the catalytic hydrogenation of adiponitrile. L. N. Zil'berman, A. A. Kolyagin, P. M. Perepletchikov. Zhur. ob. khim. 32 no. 3:905-909 Mr '62.

ADIPOSE TISSUES
Testing small concentrations of insulin by means of the isolated epididymal fat from a rat [with summary in English]. I. I. Ilberman. Biul. eksp. biol. i med. 52 no. 7:121-124 Jl '61.

ADLER—HEALTH RESORTS, WATERING PLACES, ETC.
Glushkov, B. F. Adler. 2., ispr. i dop. izd. [Krasnodar] Krasnodarskoe knizhnoe izd-vo, 1961. 56 p.

ADMINISTRATION OF JUSTICE see Justice, Administration of

ADMINISTRATIVE ECONOMIC COUNCILS
Ampol'skaia, TS. A., A. V. Luzhin, and A. S. Pribluda. [Legal problems concerning the organization and work of economic councils] Pravovye voprosy organizatsii i deiatel'nosti sovnarkhozov. Moskva, Izd-vo Akad. nauk SSSR, 1961. 326 p.

ADMINISTRATIVE ECONOMIC COUNCILS—FINANCE
Legal regulation of the financial work of economic councils. Iu. S. Tsimerman. Sov. gos. i pravo 32 no. 3:118-124 Mr '62.

ADMINISTRATIVE LAW
(see also subdivision under Poland)
Muntian, V. L. [How Soviet administrative law protects the property of collective farms] Administrativno-pravovaia okhrana kolkhoznoi sobstvennosti. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 149 p.
Some problems in the codification of the general part of Soviet administrative law [with summary in English]. A. P. Korenev. Vest. LGU no. 5:111-122 '62.
System of the Soviet administrative law course. G. I. Petrov. Izv. vys. ucheb. zav., prav. 6 no. 1:152-156 '62.

ADOLESCENCE
(see also subdivision under Georgia)
Some problems in the complex study of the state of health of adolescents. S. E. Il'in. Sov. zdrav. 21 no. 2:44-47 '62.

ADRENAL CORTEX
Acute adrenocortical insufficiency; survey of the pertinent literature. V. A. Kovanev. Grud. khir. 2 no. 1:122-127 Ja-F '60.
Functional change in the adrenal cortex in pemphigus. M. I. Dubovyi. Vest. derm. i ven. no. 3:26-32 '62.
Functional state of the adrenal cortex in Botkin's disease. L. M. Petrenyuk. Klin. med. no. 3:54-58 '62.
Functional state of the adrenal cortex in injury of the spinal cords. A. S. Grinshpun, O. G. Kogan. Zdrav. Kazakh. 22 no. 1:35-37 '62.
Mechanism of eosinopenic reaction in Thorn's test. G. V. Kudrievtsev. Probl. gemat. i perel. krovi no. 3:55-59 '62.
Method for carrying out and evaluating the results of Thorn's test. A. P. Karapata, A. A. Kovalchuk. Zdrav. Bel. 8 no. 1:56-57 Ja '62.

ADRENAL CORTEX—DISEASES
Clinical aspects and treatment of acute insufficiency of the adrenal cortex. G. S. Zefirova. Klin. med. no. 3:140-153 '62.

ADRENAL GLANDS
Influence of removal of the chromaffin tissue on conditioned reflex changes in cardiac function [with summary in English]. Z. V. Urazaeva. Biul. eksp. biol. i med. 52 no. 7:9-11 Jl '61.

ADRENAL GLANDS—DISEASES
Case of congenital adrenogenital syndrome in a 7-month-old child. G. V. Khorunzhii. Vop. okh. mat. i det. 7 no. 2:90-91 F '62.
Morphological changes in the adrenals and functional disorders in the sympathoadrenal system following gastric resection. I. V. Staritsev, F. N. Kazantsev. Sov. med. 25 no. 2:63-70 F '62.

ADRENAL GLANDS—EXCISION
Effect of functional disorders of the sympathoadrenal system on the electrical activity of the brain. R. B. Kundakbaeva. Zdrav. Kazakh. 22 no. 1:54-56 '62.

ADRENALINE
Adrenaline in the blood and schizophrenia [with summary in French]. A. L. Gamburg. Zhur. nevr. i psikh. 61 no. 8:1216-1221 '61.
Biological activity of catechol amines in rabbits at various intervals after irradiation [with summary in English]. A. F. Maslova. Biul. eksp. biol. i med. 53 no. 1:25-28 Ja '62.
Change in the sorption properties of the cardiac muscle following adrenaline damage to the myocardium [with summary in English]. Z. I. Vedeneeva. Biul. eksp. biol. i med. 52 no. 7:33-38 Jl '61.
Data on the effect of aminazine on some aspects of the metabolism of ascorbic acid and adrenaline in animals capable of synthesizing vitamin C [with summary in English]. E. I. Lipovetskaia. Vop. pit. 21 no. 2:81-84 Mr-Ap '62.
Effect of adrenaline on contractures of the Recius abdominis in the frog produced with potassium chloride and proserine [with summary in English]. R. S. Hyboloviev. Biul. eksp. biol. i med. 52 no. 11:62-65 N '61.
Electroencephalographic changes following the administration of small doses of adrenaline to healthy subjects and to patients with disorders of the hypothalamic formation [with summary in French]. L. P. Latash. Zhur. nevr. i psikh. 61 no. 8:1169-1175 '61.
Glycemic reactions to adrenaline, insulin and histamine in plague intoxication [with summary in English]. A. G. Kratinov, N. M. Khar'kova. Vop. med. khim. 7 no. 3:277-285 My-Je '61.

ADRENOCORTICAL HORMONES
Corticosteroid hormones in the treatment of lupus erythematosus. T. A. Glavinskaia. Kaz. med. zhur. no. 1:51-54 Ja-F '62.
Effect of substances stimulating and inhibiting the central nervous system, on the quantity and quality of corticosteroids in the blood of dogs and guinea pigs [with summary in English]. N. P. Goncharov. Biul. eksp. biol. i med. 52 no. 11:76-79 N '61.
Some physiological and biochemical characteristics of mice with different natural radiosensitivity. N. I. Nuzhdin and others. Dokl. AN SSSR 143 no. 4:997-1000 Ap '62.
Use of ACTH and glycocorticoids in epidemic hepatitis (Botkin's disease) [with summary in English]. V. A. Bydrin. Klin. med. no. 3:59-66 '62.

ADRENOCORTICOTROPIC HORMONES see ACTH

ADSORPTION
Adsorption from solutions of nonelectrolytes using solid adsorbents. S. Iu. Elovin, O. G. Larionov. Izv. AN SSSR, Otd. khim. nauk no. 3:529-531 Mr '62.
Application of mass-action law to adsorption equilibrium. S. Iu. Elovin, O. G. Larionov. Izv. AN SSSR, Otd. khim. nauk no. 3:531-533 Mr '62.
Effect of adsorption on the combustion and gasification of fuel carbon. A. D. Kokurin, D. A. Rozental'. Trudy VNIIT no. 10:109-120 '61.
Extent of ion adsorption on platinum as affected by the thermal and mechanical treatment of the surface. N. A. Balashova, G. G. Zhmakin. Dokl. AN SSSR 143 no. 2:358-361 Mr '62.
Nuclear magnetic resonance study of water vapor adsorption on the silica gel surface. V. I. Kvlividze and others. Kin. i kat. 3 no. 1:91-98 '62.
Spectra of molecular anthracene ions formed during vacuum adsorption. V. A. Barachevskii, E. I. Kotov, A. N. Terenin. Dokl. AN SSSR 143 no. 2:362-365 Mr '62.
Studying the catalytic oxidation of propylene. Report No. 7: Studying the sorption of propylene by copper catalysts on silicon carbide and aluminum oxide by A. M. Rubinshtein's dynamic method. N. I. Popova, K. P. Zhdanova. Izv. Sib. otd. AN SSSR no. 12:48-52 '61.
Theory of photoadsorption effect on semiconductors. F. F. Vol'kenshtein, I. V. Karpenko. Kin. i kat. 3 no. 1:72-80 '62.
Use of infrared spectroscopy for investigating the structure of surface chemical compounds and adsorption. A. V. Kiselev, V. I. Lygin. Usp. khim. 31 no. 3:351-384 Mr '62.

ADULT EDUCATION
(see also subdivision under Kramatorsk; Latvia; Ukraine)
Tokpanov, Kh. M., and M. P. TSukanov. [Universities of culture] Universitety kul'tury. Alma-Ata, Kazakhskoe gos. izd-vo, 1960. 68 p.
A valuable initiative, pamphlet series for the students of popular universities. A. Loginov. Kommunist 39 no. 7:120-124 My '62.
Zinov'ev, M. N., and A. V. Pleshakova. [How we carried out Lenin's decree] Kak byl vypolnen Leninskii dekret. Moskva, Gos. izd-vo polit. lit-ry, 1961. 126 p. (Iz istorii sovetskoi Rodiny)

ADVENTISTS
Kozik, P. Z. [Who are the Adventists] Khto taki adventysty. Kyiv, Tovarystvo dlia poshyrennia polit. i naukovykh znan' URSR, 1961. 45 p.

ADZHARISTAN—FERNS
Study on the fern Hymenophyllum tunbridgense(L.) Sm. in Adzharistan. N. I. Burchak-Abramovich. Bot. zhur. 47 no. 2:240-242 F '62.

AERIAL BOMBING see Bombing, Aerial

AERIAL BOMBS see Projectiles, Aerial

AERIAL PHOTOGRAMMETRY
Accuracy of large-scale maps compiled by the stereotopographic method. N. I. Beliaev. Geod. i kart. no. 2:50-52 F '62.
Accuracy of the position of horizontals on plans at a scale of 1:2,000 in combined surveys. V. V. Shchennikova. Izv. vys. ucheb. zav., geod. i aerof. no. 5:85-95 '61.
Determining exposure station coordinates by simultaneous processing of photogrammetric and radiogeodetic measurement. K. A. Zykov. Izv. vys. ucheb. zav., geod. i aerof. no. 5:73-78 '61.
Photogrammetric control of elevations by the use of small-scale aerial photographs. M. V. Shul'min. Geod. i kart. no. 2:36-40 F '62.
Random errors in spatial phototriangulation. R. P. Ovsiannikov. Izv. vys. ucheb. zav., geod. i aerof. no. 5:55-72 '61.
Use of aerial photographs in studying the dynamics of the ice cover of rivers. V. I. Avgevich. Izv. vys. ucheb. zav., geod. i aerof. no. 6:67-76 '61.
Use of Doppler's aeronautical systems in aerial photographic surveying. V. K. Orlov. Geod. i kart. no. 2:69-76 F '62.

AERIAL PHOTOGRAPHY see Photography, Aerial

AERODYNAMICS
Effect of the initial hydrodynamic stabilization sector on heat transfer from a plate placed in a longitudinal flow [with summary in English]. A. I. Chaplina. Inzh.-fiz. zhur. 5 no. 3:21-26 Mr '62.
Investigating heat transfer from a cylinder in a rarefied gas flow. M. N. Izakov, S. P. Perov. Izv. AN SSSR, Otd. tekh. nauk, Mekh. i mashinostr. no. 1:42-51 Ja-F '62.
Ur'ev, B. N. [Selected works] Izbrannye trudy. Moskva, Izd-vo Akad. nauk SSSR.
Vol. 2. [Aerodynamics. History of aviation engineering] Aerodinamika. Istoriia aviatsionnoi tekhniki. 1961. 272 p.

AERODYNAMICS, HYPERSONIC
Excitation of hypersound in quartz [with summary in English]. E. M. Ganepol'skii, A. N. Chernets. Zhur. eksp. i teor. fiz. 42 no. 1:12-15 Ja '62.

AERODYNAMICS, SUPERSONIC
Aerodynamic characteristics of a delta wing with a deflected aileron, leading and trailing flaps in a supersonic flow. Iu. I. Krasil'nikov. Inzh. zhur. 2 no. 1:175-181 '62.
Calculating supersonic flow about pointed bodies of revolution at angles of attack. V. P. Kolodochkin. Izv. AN SSSR, Otd. tekh. nauk, Mekh. i mashinostr. no. 1:15-24 Ja-F '62.
Some supersonic gas flows considering the phenomena of dissociation and ionization. Iu. A. Diakonov, U. G. Pirumov. Izv. AN SSSR, Otd. tekh. nauk, Mekh. i mashinostr. no. 1:7-14 Ja-F '62.
Wave starting of a supersonic diffuser. A. I. Lashkov, A. A. Nikol'skii. Inzh. zhur. 2 no. 1:11-16 '62.

AERODYNAMICS, TRANSONIC
Some integrals of transonic gas-flow equations M. D. Ladyzhenskii Inzh zhur 2 no 1 6-10 '62

AEROFOILS IN CASCADE see Cascades (Fluid dynamics)

AEROMONAS PUNCTATA
Aeromonas punctata infections of eels in fresh waters E. A. Borovik, S V Kokhnenko Dokl AN BSSR 5 no 10 478-480 O '61

AERONAUTICAL INSTRUMENTS
Convenient in flight V Braslavets Vest Vozd. Fl. no 12:81-82 D '61
Operating flight and navigation equipment of a supersonic fighter plane N. Dobrenko Av i kosm 44 no 2 73-77 '62
Plotting board and drift computer for fliers. A. Sukhanov Vest Vozd Fl. no 12 83-84 D '61

AERONAUTICS—ABSTRACTS
[Air transportation] Ref. zhur. Vozd. transp. nos. 1-3 Ja-Mr '62.

AERONAUTICS—HISTORY
IUr'ev, B. N. [Selected works] Izbrannye trudy Moskva, Izd-vo Akad nauk SSSR
Vol. 2. [Aerodynamics History of aviation engineering] Aerodinamika. Istoriia aviatsionnoi tekhniki. 1961. 272 p.

AERONAUTICS—PERIODICALS
"Aviatsiia i kosmonavtika." Sov. Soiuz no. 3:30 '62.

AERONAUTICS, COMMERCIAL
Air transportation of the future. V. Filippov, Av. i kosm 44 no. 2,60-64 '62.

AERONAUTICS, MILITARY—OBSERVATIONS
Tactical aerial reconnaissance B. Aleksandrov, M. Shul'ga. Av. i kosm 44 no. 2;92-94 '62

AERONAUTICS IN AGRICULTURE
Using airplanes for the application of simazine and atrazine for weed control in corn plantings. S. P. Gorbunova. Zemledelie 24 no. 2:58-62 F '62.

AERONAUTICS IN FORESTRY
Aviation in forest protection, a conference in Pushkino, Moscow Province. Les. khoz. 15 no 3 95 Mr '62.
Chervonnyi, M. G. [Using airplanes in the prevention of forest fires] Primenenie aviatsii pri okhrane lesov ot pozharov. Moskva, Goslesbumizdat, 1961, 111 p. (DA)

AERONAUTICS IN GEOLOGY
(see also subdivision under Anabar Shield)
[Aerial methods of studying natural resources] Aerometody izucheniia prirodnykh resursov. Moskva, Gos. izd-vo geogr. lit-ry, 1962. 327 p.
Kotiuk, A. F. [Analysis of airborne electric prospecting charts by the induction method] Analiz skhem aeroelektrorazvedki metodom indukstii. Otv. red. L. IA. Miziuk Novosibirsk, Izd-vo Sibirskogo otd-niia AN SSSR, 1961. 113 p. [MICROFILM]
Using aerogeological methods in prospecting. E. IA. Kievlenko, N. V Drenov. Razved. i okh. nedr 28 no 1 41-43 Ja '62
Ways of using color aerial photographic materials for geological purposes. V. N. Briukhanov. Razved. i okh nedr. 28 no 2 9-14 F '62
Winged geologists S Andrilevs'kyi. Ukraina no. 6 20 Mr '62.

AERONAUTICS IN MARINE RESEARCH
Examining the spectral brightness of the sea from the airplane. I. V. Semenchenko, A. V. Snytkin Okeanologiia 1 no. 5,856-859 '61.

AERONAUTICS IN SURVEYING
Characteristics of the aerial photography of soils in Western Siberia [with summary in English] M. A. Platonenko. Pochvovedenie no 2:42-50 F '62.

AEROSOL THERAPY
Experimental observations on group associated immunization with anatoxin aerosols (tetanus and staphylococcal) [with summary in English]. L. F. Titarenko Zhur. mikrobiol., epid. i immun. 33 no. 2:8-14 F '62.
Treatment of bronchial asthma and asthmoid bronchitis with inhalations of isadrine aerosol. Z. V. Sharonova. Kaz. med. zhur. no. 1 34-36 Ja-F '62.

AEROSOLS
Aerosol spraying of paint materials. G. P. Glain, M. G. Vasil'ev. Lakokras. mat. i ikh prim no. 5;64-67 '61.
Determining the concentration of aerosols formed by the short-lived decay products of radon. N. P. Kartashov, G. A. Popov. Atom energ. 12 no 4:338-338 Ap '62.
Experimental study of oxytetracycline aerosols [with summary in English]. S. I. Edel'shtein. Antibiotiki 6 no. 11:971-974 N '61.

AESTHETICS
Discussing good taste. V. Kovaleva. Sov. profsoiuzy 18 no 5;33-34 Mr '62.
Reality of beauty in nature. V. Romanenko. Vop. lit. 6 no. 1:83-96 Ja '62.
"The subject of aesthetics" by L. Stolovich. Reviewed by G. Dubov. Iskusstvo 25 no 2 73-74 '62.
Work and beauty. L. Kogan Kommunist 39 no. 6 69-77 Ap '62

AESTHETICS—STUDY AND TEACHING
Art and aesthetic training. N Goncharenko Komm Ukr 37 no 2;39-47 F '62

AFFORESTATION
(see also subdivision under Amur Valley, Golodnaya Steppe; Novosibirsk Reservoir region)
Establishing green belts in mountainous areas. M. E. TSytskun, B. P. Gorodskoi Les khoz 15 no 2 77-79 F '62
MLTI mounted forest planter G. P. Il'in, N. G Kashchenko Les khoz 15 no 3 73-75 Mr '62.
Soil preparation for tree planting on steep slopes and its effect on run-off and wash. Kh. M. Mustafaev. Izv. AN Azerb. SSR Ser. biol. i med. nauk no 11:109-114 '61.

AFGHANISTAN—AGRICULTURE—ECONOMIC ASPECTS
Davydov, A. D. [Development of capitalist relations in the agriculture of Afghanistan] Razvitie kapitalisticheskikh otnoshenii v zemledelii Afganistana Moskva, Izd-vo vostochnoi lit-ry, 1962. 162 p.

AFGHANISTAN—EDUCATION
"Education in independent Afghanistan" by T. I Kukhtina Reviewed by M A Babakhodzhaev. Obshchestv. nauki v Uz. 6 no 1:64-65 '62

AFGHANISTAN—FOREIGN ECONOMIC RELATIONS—RUSSIA
Example of good neighborliness [with summary in appendix]. E. Mkrtychev. Vnesh. torg. 42 no. 3 7-15 '62.

AFLATUNIA
Comparative ecologic and anatomic study of the leaves of Aflatunia ulmifolia and of two species of Amygdalus. A. D. Nesmelanova. Bot. zhur 47 no. 3 398-404 Mr '62

AFRICA—BIBLIOGRAPHY
[New Soviet and foreign literature on the countries of the non-Soviet East] Nov. sov. i inostr. lit. po strian, zarub. Vost. nos. 11-12 '61

AFRICA—CATHOLIC CHURCH
The cross at the service of the whip [with English summary in insert]. N. Koval'skii. Az. i Afr. seg. no. 3:17-19 Mr '62.

AFRICA—DESCRIPTION AND TRAVEL
Traveling with a stamp album O. Orestov. Vokrug sveta no 3 14-16, 46 Mr '62

AFRICA—ECONOMIC ASSISTANCE, RUSSIAN
To the peoples of Africa from the Soviet Union. Az. i Afr. seg. no. 3 13, 25, 41 Mr '62.

AFRICA—FOREIGN ECONOMIC RELATIONS—UNITED STATES
Fetov, V. P. [American imperialism in Africa] Amerikanskii imperializm v Afrike. Moskva, Gos. izd-vo polit. lit-ry, 1962. 101 p. (Afrika segodnia)

AFRICA—FRENCH COLONIES
French colonialism in Africa. N. Gavrilov. Az. i Afr. seg. no. 3, 14-16 Mr '62.

AFRICA—HISTORY
Origin of the medieval states of the Bantu tribe in southeastern Africa as presented in the works of bourgeois historians [with summary in English, p. 222]. L. A. Fadeev Vop. ist. no 4:107-114 Ap '62.

AFRICA—HYDROELECTRIC POWER
Water power resources of Africa. IU. D. Dmitrevskii. Strany i nar. Vost. no. 2;74-88 '61.

AFRICA—INVESTMENTS, FOREIGN
Africa and the noncapitalist way. T. Numada. Az. i Afr. seg. no. 3, 51-52 Mr '62.

AFRICA—IRRIGATION
Some problems of irrigation in Africa. IU. D. Dmitrevskii. Strany i nar. Vost. no. 2:61-73 '61.

AFRICA—LABOR AND LABORING CLASSES
Position of the working class in the economically underdeveloped countries of Asia and Africa, using India and the United Arab Republic as an example [with summary in English, pp. 224-226]. L. A. Gordon, L. A. Freedman. Nar. Azii i Afr. no. 1;30-48 '62.
Rapid development of the labor movement in Asia and Africa Kommunist 39 no. 6:103-111 Ap '62.

AFRICA—POLITICS
Behind the cover of the blue flag [with English summary in insert]. E. Primakov. Az. i Afr. seg. no. 3:12-13 Mr '62.
Ivanov, S. P. [Good luck, Africa!] Shchasty todi, Afryko! [Kyiv] Kyivs'ke oblasne knyzhkovo-gazetne vyd-vo, 1961. 132 p.
New intrigues of imperialists in the liberated countries of Africa. IA. Etinger. Mir. ekon. i mezhdunar. otn. no. 4:92-95 Ap '62.
The two faces of one class (to be continued). VI. I-I. Az. i Afr. seg. no 3 6-9 Mr '62.

AFRICA—POSTAGE STAMPS
Traveling with a stamp album. O Orestov Vokrug sveta no 3 14-16, 46 Mr '62

AFRICA—PUBLIC HEALTH
Health consequences of colonialism in African countries V. IA Bereznev. Zdrav. Ros. Federa. 6 no. 1 34-39 Ja '62.

AFRICA—SOCIAL CONDITIONS
Ivanov, S. P. [Good luck, Africa!] Shchasty todi, Afryko! [Kyiv] Kyivs'ke oblasne knyzhkovo-gazetne vyd-vo, 1961. 132 p.

AFRICA—TRADE UNIONS
For peace, labor, freedom, solidarity. Az. i Afr. seg. no. 3:31-33 Mr '62.

AFRICA, CENTRAL—TRIBAL GOVERNMENT
Characteristics of the power of the chieftains of the peoples in tropical Africa during the precolonization period. Sov. etn. no. 1:67-76 Ja-F '62

AFRICA, EAST—INVESTMENTS, BRITISH
British monopoly capital in East Africa [with summary in English, p. 225] G. A. Usov. Nar. Azii i Afr. no. 1; 49-60 '62

AFRICA, EAST—POLITICS
National bourgeoisie and the liberation movement in East Africa G. Usov. Mir. ekon. i mezhdunar. otn no. 4, 82-87 Ap '62.

AFRICA, SOUTH—HISTORY
Chaka, a hero of Africa [with English summary in insert] A. Davidson. Az. i Afr. seg. no. 1:27 Mr '62.

AFRICA, WEST—DESCRIPTION AND TRAVEL
In Ghana, Togo, and Liberia. Mirel' Shaginian. Lit gazeta no 25 no. 2,45-47 '62

AFRICAN STUDIES
The peoples of Asia and Africa are brothers [with summary in insert]. I. Potekhin. Az. i Afr. seg. no. 1 4-5 Mr '62.
Some problems of African studies in the light of the resolutions of the 22d Congress of the CPSU. I. I. Potekhin. Nar. Azii i Afr. no. 1;6-16 '62.

AFRICAN STUDIES—BIBLIOGRAPHY see Bibliography—African studies

AGAR
Titration of antibiotics by diffusion in agar from holes cut in the agar layer. G. V. Kochetkova, R. S. Uklonina. Med. prom 16 no. 1;40-50 Ja '62.

AGDAMSK DISTRICT—COTTON GROWING—HYGIENIC ASPECTS
Labor hygiene and prevention of occupational diseases among cotton growers in Agdamsk District of the Azerbaijan S. S. R Kh A. Bozian. Gig. truda i prof zab. 4 no. 2,44-45 F '60

AGE
Characteristics of the effect of amizine on respiration and blood pressure in puppies of various ages [with summary in English]. N. V. Lauer, V. V. Pashkevich, Fiziol. zhur. (Ukr.) 7 no. 6,762-768 N-D '61.

AGED
Copper content of the blood in middle-aged and senile people. M. M. Korobenkova Dokl. AN BSSR 6 no. 3 196-199 Mr '62.

AGEEVA-MAIKOVA, OL'GA GRIGOR'EVNA, 1897-1961
In memory of Ol'ga Grigor'evna Ageeva-Maikova. Vop. neirokhir. no. 2:62 '62.

AGGLUTINATION
New method for restoring the agglutinability of nonagglutinating dysenterial cultures. S. N. Izhanineov. Zhur. mikrobiol., epid. i immun. 33 no. 1:95 Ja '62.

AGGLUTININS
Cold agglutinins and cryoglobulins in dermatoses related to the effect of cold [with summary in English] P. Mikhailov, N. Berova. Vest. derm. i ven. no 3:14-19 '61
Effect of the ambient temperature on the dynamics of agglutinins, phagocytosis, and the blood picture in an experiment. N. A. Karavanskaia. Gig truda i prof. zab 5 no. 6:47-50 Je '61

AGGREGATES
Approximation on closed regions, and zero-nets. E. P Dolzhenko. Dokl. AN SSSR 143 no. 4:771-774 Ap '62
Diadic bicompacts and continuous mappings of ordered bicompacts. S. Mardesic, P. Papic. Dokl. AN SSSR 143 no. 3:529-531 Mr '62.
Differential-topological characteristic of a system of sets with equal Chebyshev vectors and a common nonpolar net. V. I. Shulikovskii. Trudy Sem. po vekt. i tenz. anal. no. 11:141-151 '61.
Ranks of systems of sets and the dimensionality of spaces. A. Arkhangel'skii. Dokl AN SSSR 143 no. 4:765-768 Ap '62.
Singular Finsler space determined with an accuracy to Caratheodory's transformations. N. I. Kabanov Sib. mat. zhur. 2 no. 5:655-671 S-O '61.
Theory of fields of local surfaces in a tangential correlation of sets of the first order $E_n(X_n)$. G. I. Zhelikov. Trudy Sem. po vekt. i tenz anal. no. 11:189-218 '61.

AGGREGATES (BUILDING MATERIALS)

Choosing, preparing, and assigning the requirements for concrete aggregates for large dams. V. V. Stol'nikov. Gidr. stroi. 32 no. 1 55-59 Ja '62.

Self-shadowed carbon replicas of cross-sectional views of mineral aggregates. G. S. Gritsaenko, N. D. Samotoin. Zap. Vses. min. ob-va 91 no. 1:84-86 '62

Using an excavator in exploring strip mines for concrete aggregates. M. I. Shmakov, V. K. Rode. Gidr. stroi. 32 no. 1 42-43 Ja '62.

AGREEMENTS see Contracts

AGRICULTURAL ADMINISTRATION

(see also subdivision under Odessa Province; Saratov Province)

For effective and skillful guidance. Part. zhizn' no 6: 6-10 Ap '62

Instructors of party committees are the organizers of efficient work. P. Rogochii, A. Shumaikov. Part. zhizn' no 7:42-45 Ap '62

Party organizers of the central committees of the communist parties of the Union Republics and province and territory party committees in regional agricultural collective and state farm (state and collective farm) administrations. Part. zhizn' no 6:35-37 Ap '62

Reorganization of the administration of agriculture and the problems of party leadership. Kommunist 39 no 6 3-7 Ap '62

AGRICULTURAL BACTERIOLOGY see Bacteriology, Agricultural

AGRICULTURAL CHEMISTRY

Chernavin, A. S. [Fundamentals of agricultural chemistry, reference book for teachers] Osnovy agrokhimii, posobie dlia uchitelei. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 219 p. (DA)

Use of biostimulants in stockbreeding. A. M. Nazarenko. Shkola i proizv. 6 no. 1, 43-47 Ja '62.

AGRICULTURAL EXHIBITIONS—GUIDEBOOKS see subdivision under Ukraine

AGRICULTURAL EXPERIMENT STATIONS see subdivision under Poltava Province

AGRICULTURAL GEOGRAPHY see subdivision under Bulgaria; Rumania, Ukraine

AGRICULTURAL LAWS AND LEGISLATION

Arkhipov, V. D., and Khorev, P. S. [Responsibility for damage to crops and injuries to plantings caused by livestock] Otvetstvennost' za poti avy posevov i povrezhdenila nasazhdenii. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 30 p

AGRICULTURAL MACHINERY

(see also subdivision under Virgin Territory)

Catch up with your friends. P. Kulesh, G. Sinila, L. Tikhonchuk. Sel'. mekh. no. 3:8-9 '62.

From the editors mail. Sel'. mekh. no. 3 46 '62.

How our cities help rural areas. V. Razumov. Agitator no 8:24 Ap '62.

Krasnikov, V. V. [Hoisting and conveying equipment in agriculture] Podʺemno-transportnye mashiny v sel'skom khoziaistve. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1962. 439 p.

Machine in a "physician's office." IUrii Al'perovich Nauka i zhizn' 29 no 2 62-64 F '62

New automatic device for preparing mixed feeds. M. Morozov. Muk.-elev. prom. 28 no. 2 15-16 F '62.

New machinery designed by Mikhail Prutkov. L. Davydov. Nauka i zhizn' 29 no. 1 72-73 Ja '62.

Nikiforov, P. E. [Performance of machinery at high speeds] Rabota mashin na povyshennykh skorostiakh. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1962. 111 p. (DA)

Our help to high-speed operators. A. Pisarev. Sel'. mekh. no. 1:17-20 '62.

Study of the performance of flat sieves. I. E. Kozhukhovskii. Trudy VIM 28:5-40 '60.

Study of the power loss resulting from the deformation of a rocking pneumatic wheel. I. N. Chernyshev. Trudy VIM 28:84-93 '60.

Topilskichiov, V. K. [Machine tools in the agricultural machinery industry] Metallorezhushchie stanki v sel'skokhoziaistvennom mashinostroenii. Moskva, Mashgiz, 1962. 424 p.

The use and maintenance of machinery should be improved. Sel'. mekh. no. 3:1-2 '62.

Use of gamma rays in studying the action of a wheel on the ground. A. Khamidov. Trudy VIM 28:94-107 '60.

AGRICULTURAL MACHINERY—ABSTRACTS

[Tractors and agricultural machinery] Ref. zhur. Otd. vyp. 44: Trakt. i sel'khoz. mash. nos. 1-6 Ja-Mr '62.

AGRICULTURAL MACHINERY—EQUIPMENT AND SUPPLIES

Kuteinikov, M. I., and A. G. Solov'eva. [Catalogs of spare parts for hay-making machinery] Katalog zapasnykh chastei k senouborochnym mashinam. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1959. 240 p. (DA)

AGRICULTURAL MACHINERY—HYDRAULIC EQUIPMENT

Maintenance of hydraulic equipment. I. Gibert. Sel'. mekh. no 1, 30-32 '62.

AGRICULTURAL MACHINERY—MAINTENANCE AND REPAIR

Actuality and possibility. I. Sterbin. Sel'. mekh. no. 3 11-16 '62.

Biernis, Indrikis. [Maintenance of agricultural machinery] Masinu glabasana lauksaimniecibā. Riga, Latvijas, Valsts izdevnieciba, 1961. 27 p. (Lauksaimniecibas mehanizatora biblioteka) [In Latvian] (DA)

In two schools. IU. Alin Sel'. mekh. no. 3:20-21 '62

"Maintenance and repair work" by A. T. Dolzhenkov, I. S. Levitskii, V. M. Sankov. Reviewed by V. K. Serkov Sred. spets. obr. 9 no 2 59-60 F '62.

Perfect maintenance of machinery and equipment. V. Rishtsev. Sel'. mekh. no 1:10-12 '62

Wages for technical maintenance. I. Antropov, A. Kolbiashkin Sel'. mekh. no. 1:24-25 '62.

Work of young machinery operators. Sel'. mekh. no. 3 3 '62.

AGRICULTURAL MACHINERY—MEASUREMENT

Use of photoelectric and ohmic transducers for simultaneous measurement of torque. N. N. Luchinskii. Trudy VIM 28:106-126 '60.

AGRICULTURAL MACHINERY—PRODUCTION STANDARDS

Dokuchaeva, A. P. [High production use of machines and tractors] Vysokoproizvoditel'noe ispol'zovanie mashinno-traktornogo parka. Moskva, Izd-vo "Znanie," 1961. 38 p. (Narodnyi universitet kul'tury Sel'skokhoziaistvennyi fakul'tet, no. 18)

AGRICULTURAL MACHINERY INDUSTRY see subdivision under Frunze, Kirovograd, Lyubertsy

AGRICULTURAL METEOROLOGY see Meteorology, Agricultural

AGRICULTURAL POLICY

Highly-developed and highly-productive agriculture is an indispensable condition for the building of communism [with summary in English]. A. I. Kituev Vest. LGU no. 5,15-22 '62

AGRICULTURAL PRICES

Zones of state purchasing prices for agricultural products and the two principles of their determination. L. B. Sheinin. Vop. geog. no. 53:143-149 '61.

AGRICULTURAL RESEARCH

(see also subdivision under Voronezh Province)

In the Department of Agriculture of the Institute of Economics of the Academy of Sciences of the U.S.S.R. L. Suvorova. Ekon. sel'khoz. 33 no. 1:113-115 Ja '62.

Put scientific research on a standard to meet new requirements. P. Sudnov. Zemledelie 24 no. 3 84 Mr '62.

Urgent tasks of agricultural science. T. D. Lysenko. Agrobiologiia no. 1:3-7 Ja-F '62.

Urgent tasks of agricultural research. T. D. Lysenko. Zemledelie 24 no. 2:3-7 F '62.

AGRICULTURAL WAGES

For a wider introduction of the piecework bonus wage system on state farms. V. Buzykin, B. Turbine, I. Cherkasov. Sots. trud 7 no. 3:59-65 Mr '62.

Instructors' wages for training workers. Les. khoz. 15 no. 1 84-85 Ja '62.

New organization and wage system in overall mechanization of operations in swine fattening. V. Korotaev. Ekon. sel'khoz. 33 no. 1 59-63 Ja '62.

Wages for machinery operators on livestock farms. V. Smirnova Sel'. mekh. no. 1:22-23 '62.

Wages for students of secondary schools during their training and wages for instructors. Les. khoz. 15 no. 1, 85-86 Ja '62

Wages for workers during their training. Les. khoz. 15 no. 1, 84 Ja '62.

AGRICULTURAL WAGES—HANDBOOKS, MANUALS, ETC.

[Manual on state farm wages and other state agricultural enterprises] Spravochnik po oplate truda v sovkhozakh i drugikh gosudarstvennykh sel'skokhoziaistvennykh predpriiatiiakh. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1962. 650 p.

AGRICULTURAL WORKERS

(see also subdivision under Azerbaijan; Kazakhstan; Moscow region; Soviet Central Asia)

An experienced repairman. I. Marinin. Sel'. mekh. no. 3:28 '62.

Industrial records and pensions. I. Sveshnikov. Sel'. mekh. no. 3:26 '62.

[Trade union of agriculture workers; concise historical study] Profsoiuz rabochikh sel'skogo khoziaistva; kratkii istoricheskii ocherk. [Moskva] Izd-vo VTsSPS Profizdat, 1961. 245 p.

The value of an experienced friend. D. Petrov. Sel'. mekh. no. 3:28-29 '62.

AGRICULTURAL WORKERS—EDUCATION AND TRAINING

Learning and studying. G. Neznaiko, N. Ruban Sel'. mekh. no 3 22 '62

AGRICULTURAL WORKERS—REWARDS (PRIZES, ETC.)

Bonuses and monetary awards. I. Butov, V. Frol Sel'. mekh. no. 3 23-24 '62.

AGRICULTURE

(see also subdivision under Altai Territory, Belgorod Province, Borodyanka District, Bulgaria, China, Columbia, Gorodok District, Khmel'nitskiy Province; Irkutsk Province; Kazakhstan, Khingan-Arkhara District; Krasnodar Territory, Kursk Province; Lipetsk Province, Moldavia, Mongolia, Novoukrainka District; Orenburg Province, Pamirs; Polesye; Poltava Province; Prokhladnyy District, Rostov Province; Troitsa District; Ukraine; United States, White Russia)

Against the distortion of the history of Soviet peasants by bourgeois historians. A. A. Barsov Ist SSSR 6 no 2 189-210 Mr-Ap '62

All efforts and means should be directed to the fulfillment of the agricultural plan for 1962. Ekon. sel'khoz. 33 no. 1 3-10 Ja '62

All state farm workers should benefit from innovators' experience. Sov. profsoiuzy 18 no 4 2-3 F '62

A concern of the Communist Youth League. V. Metelev Mol. kommunist no. 4:8-9 Ap '62

A concern of the whole party and all the people. Komm Ukr. 37 no. 3 8-9 Mr '62

Cultivation, improvement, and transformation of soils. I. I. Pliusnin. Nauch. zap. MIIVKH 19 77-94 '57.

Division of labor and its development in agricultural enterprises during the period of transition to communism. I. Sigov. Nauch. dokl. vys. shkoly: ekon. nauki 5 no. 1:22-30 '62.

[Experience of efficient workers beckons us toward new achievements; speeches of leading agricultural workers at the Plenum of the Central Committee of the CPSU, December 1959] Opyt peredovikov zovet k novym uspekham; vystupleniia peredovikov sel'skogo khoziaistva na Plenume TsK KPSS, dekabr' 1959 g. Frunze, Kyrgyzstan mamlekettik basmasy, 1960. 128 p. [Parallel texts in Kirghiz and Russian]

Family of heros. Zemledelie 24 no. 3:9-16 Mr '62.

For the correct use of land. Sel'. mekh. no 1:1-3 '62

For the rapid development of agriculture. T. Koval' Kommunist 39 no 6 30-37 Ap '62.

Further upsurge of agriculture is a nationwide concern. Vest. stat. no. 4 3-11 '62

"Geography and the economy." Collection 7, 1960. Reviewed by E. G. Danilina, G. A. Evgrafova. Vop. geog. no. 54, 154-156 '61.

Intensification is the main path for developing agriculture. L. Kasatrov. Vop. ekon. no. 3:10-21 Mr '62.

Intensification of collective farm production as the proper way for creating abundance of agricultural products. N. Pysin, Kh. Popov. Ekon. sel'khoz. 33 no. 1:68-70 Ja '62.

Kaulins, Alberts, and Arons Levtovs. [Agricultural planning for elementary schools and study groups on agricultural economics. Translated by J. Dimdins] Lauksaimniecibas razosanas planosana, lauksaimniecibas ekonomikas pamatskolu un pulciņu klausītajiem Riga, Latvijas Valsts izdevnieciba, 1961. 47 p. [In Latvian] (DA)

[Land and men] Zemlia i liudi Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1962. 105 p. (DA)

Let's carry out the decisions of the Plenum of the Central Committee of the CPSU. Doshk. vosp. 35 no. 4:15 Ap '62.

"Let's start to work, comrades! Delegates to the 22d Congress of the CPSU tell their stories." Reviewed by V. Talanov. Part. zhizn' no. 7:75-77 Ap '62.

Life-giving gust of spring. Ukraina no. 6 1 Mr '62

Make efficient use of land. G. Bogush Mol. kommunist no. 3: 88-93 Mr '62.

Make efficient use of the land of state forest reserve. N. A. Chernyshev. Les. khoz. 15 no. 2:46-49 F '62.

Now a word about us. V. M. Kavun. Sov. voin 44 no. 7 2 Ap '62.

Petrilchuk, D. I., and L. A. Slashcheva. [Manganese and its importance in agriculture] Marganets i ego znachenie v sel'skom khoziaistve. Frunze, Kirgizskoe gos. izd-vo, 1960. 45 p. (DA)

"Possibilities for improving the quality of agricultural production" by I. G. Mel'nikov. Reviewed by V. Boev. Ekon. sel'khoz. 33 no. 1:123-125 Ja '62.

Propagandists should be at the forefront of the struggle for an abundance of agricultural products. Agitator no. 8:3-6 Ap '62.

Raising standards in agriculture. P. Bogatykh. Sel'. mekh. no. 1:13-14 '62.

Rapid development of agriculture is a problem of national importance. Komm. Vooruzh. sil 2 no. 7:10-12 Ap '62

Soveshchanie peredovikov sel'skogo khoziaistva Urala, Sverdlovsk, 1961. [Leaders in agriculture speak of their methods] Peredoviki sel'skogo khoziaistva o svoem opyte, materialy. Moskva, Sovetskaia Rossia," 1961. 176 p. (MB)

AGRICULTURE (Continued)

These are our unexploited potentials, facts and figures. Agitator no. 8 15-17 Ap '62.

These days in the country Sov profsoiuzy 18 no 3 6-7 F '62

Vigorous upsurge in agriculture is a nationwide concern. Vop ekon no 3 3-9 Mr '62.

We should already have achieved significant results in this year Part zhizn' no. 7:3-7 Ap '62

With the whole power of the Soviet regime. N. I. Smirnov Sov Soiuz no 4,3 '62

AGRICULTURE—AUDIO-VISUAL AIDS

Posters of three publishing houses. Kul't.-pros rab. 23 no. 3 26-27 Mr '62.

AGRICULTURE—BIBLIOGRAPHY see Bibliography—Agriculture

AGRICULTURE—CONGRESSES

Row crops are a key to fertility Klub it no 2 6 F '62

AGRICULTURE—ECONOMIC ASPECTS
(see also subdivision under Afghanistan, Argentina, Buryat-Mongolia; Latvia)

Anfimov, A. M. [Russian rural areas during the First World War, 1914-February 1917] Rossiiskaia derevnia v gody pervoi mirovoi voiny, 1914 - fevral' 1917 g. Moskva, Izd-vo sotsial'no-ekon lit-ry, 1962. 382 p

From grassland farming to the row crop system. M. Malygin. Polit. samoobr 6 no. 3 48-51 Mr '62

Kotov, G. G., ed. [Knowledge of economics is the basis for able management] Znanie ekonomiki - osnova umelogo khoziaistvovaniia. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 186 p.

AGRICULTURE—EXPERIMENTATION see subdivision under Malyshkovo (Kostroma Province); Rostov Province, Ukraine

AGRICULTURE—LABOR PRODUCTIVITY
(see also subdivision under Latvia)

Increasing the productivity of agricultural labor is the most important condition for the building of communism A. Glukhov. Nauch. dokl vys. shkoly; ekon nauki 5 no. 1 12-21 '62

Krasavin, N. N. [How to increase labor productivity on a farm] Kak povysit' proizvoditel'nost' truda v khoziaistve Moskva, Gos. izd-vo polit. lit-ry, 1961. 62 p. (Ekonomicheskie znaniia truzhenikam sela)
(DA)

AGRICULTURE—MAPS

Compiling the agricultural atlas of the U S S R , from work practices of the Scientific-Editorial Map-Making Section S. N Soldatov Geod i kart no 2 56-60 F '62

Preparing the large-scale agricultural maps of land utilization. L. I. Gorbunova, I. I Grishina. Vop. geog. no. 54 87-95 '61.

AGRICULTURE—SAFETY MEASURES see subdivision under Arsk District

AGRICULTURE—STATISTICS

Dmitriev, A. I. [Statistics of agricultural production] Statistika produktsii sel'skogo khoziaistva. [Leningrad] Izd-vo Leningr. univ., 1962. 73 p.

AGRICULTURE—STUDY AND TEACHING

Agrobiological study room in a secondary school. M. I. Shcherbakov. Shkola i proizv 6 no 1:60-65 Ja '62.

Classes on the topic "Main field cultures and the agrotechnical basis of crop rotation." V. I. Bocharova. Shkola i proizv. 6 no. 1:36-42 Ja '62.

Congress of general agriculture department heads Vest vys shkoly 20 no. 2 78 F '62

For intensive agriculture. G. I. Ivanov. Shkola i proizv. 6 no. 1:33-36 Ja '62.

In the struggle for a model school farm V. I Morozov. Sred spets. obr. 9 no 2 28-30 F '62.

Our experience in educational work with students P. B. Mikadze. Sred spets obr 9 no. 2 38-44 F '62.

Production brigades in rural schools at a new stage. K. N. Sokolov. Dokl. APN 5 no. 4:23-24 '61.

Production training of future teachers of agrobiology. K. P. Lange. Shkola i proizv. 6 no. 1:68-71 Ja '62.

AGRICULTURE, COOPERATIVE see subdivision under Japan

AIDS TO NAVIGATION

Radio lighthouses over our planet F. Chestnov. Nauka i zhyttia 11 no. 2:4-6 F '62.

Zherlakov, A. V. [Electric navigation instruments] Elektronavigatsionnye pribory. [By] I. A. Blinov i dr. Moskva, Izd-vo "Morskoi transport," 1960. 674 p.

AIR—ANALYSIS

"Analysis of mine air" by N. I Stognii. Reviewed by B. I. Anvaer. Zav. lab. 28 no. 2 254 '62.

Colorimetric determination of alcohols in air I. E. Selina Uch zap Mosk nauch -issl inst. san i gig. no. 5:35-41 '60.

Colorimetric methods for determining esters in air M. N. Kuz'micheva. Uch zap. Mosk nauch -issl. inst. san. i gig no 5:27-34 '60

Determination of α-methylstyrene in air Uch zap Mosk nauch -issl inst san. i gig no 5 47-48 '60

Determination of alcohols in air by colorimetry Uch zap Mosk nauch -issl inst san i gig. no 5 63-64 '60

Determination of alcohols in air by the titrimetric method Uch zap Mosk nauch -issl inst san i gig no 5 61-62 '60

Determination of capryl alcohol in the air of industrial plants. A. G. Kashina Gig truda i prof zab 4 no 2 54 F '60

Determination of dimethylphenylcarbinol in air Uch zap Mosk nauch -issl inst san i gig. no 5 15-46 '60

Determination of esters in air (esters of acetic, acrylic, methacrylic, phthalic, and adipic acids) Uch zap. Mosk nauch -issl inst san i gig no 5 54-56 '60

Determination of esters in atmospheric air Uch zap Mosk nauch -issl inst. san i gig no 5 57-58 '60

Determination of fatty carboxylic acids in air IU. V Dinzheva Uch zap Mosk. nauch -issl inst. san i gig no 5 17-26 '60

Determination of isopropylbenzene hydroperoxide, dimethylphenylcarbinol, and α-methylstyrene in air M. V. Alekseeva, E. G Kachmar, V A Khrustaleva Uch zap Mosk nauch -issl inst san i gig no 5 5-16 '60

Determination of isopropylbenzene hydroperoxide in air Uch zap Mosk nauch -issl inst. san i gig no 5 42-44 '60

Determination of small amounts of aldehydes in the air of industrial plants by the method of derived polarography S. S. Gurvits, T. I. Sergeeva. Gig. truda i prof. zab. 5 no. 6 57-61 Je '61.

Determination of small amounts of hydrogen sulfide in the air I. I. Paul', V. A Vinogradova. Gig. truda i prof zab 4 no 2 53-54 F '60

Determination of the total of monobasic fatty acids in air Uch. zap Mosk nauch. -issl inst. san. i gig no 5 49-51 '60

Determination of zirconium and its compounds in the air of industrial plants. M. S. Bykhovskaia Gig truda i prof zab 5 no 6,54-57 Je '61

Nephelometer with automatic twenty-four-hour recording of sulfur dioxide concentrations in the air. N A. Liubimov. Pred dop. kontsent. atmosf. zagr. no. 5 169-179 '61.

New calorimetric method for the determination of turpentine vapors in the air L A. Zil'berg Gig truda i prof. zab 4 no. 11 57-58 N '60.

Preface Uch zap Mosk nauch. -issl inst san i gig no 5 3 '60

Use of silica gel in taking samples of air containing mercaptophos vapors. M. A. Trotsenko, V. P. Vendt Gig. truda i prof. zab. 4 no 1,53-54 Ja '60.

AIR—POLLUTION

Air pollution by discharge from a synthetic alcohol plant and its effect on morbidity and living conditions [with summary in English] V. A Kononova, V. B. Aksenova. Gig. i san. 26 no. 9 3-7 S '61.

Comments by a foreign researcher (Federal German Republic) on Soviet standards for the maximum permissible amount of harmful substances in the air of industrial enterprises. Z. I. Izrael'son. Gig truda i prof. zab 4 no. 12 55 D '60

"Determination of atmospheric pollution" by M. V. Alekseeva. Reviewed by M. D. Manita, A. A. Troitskii. Gig. i san. 26 no. 9:104-106 S '61.

Experimental materials on establishing the maximum permissible concentration of chloroprene in the air. A. V. Miatsabanian. Pred. dop. kontsent. atmosf. zagr. no. 5 110-117 '61.

Materials on the determination of maximum permissible concentrations of acetates in the air. V A. Gofmekler. Pred. dop. kontsent. atmosf. zagr no. 5 142-168 '61.

Materials on the experimentally established maximum permissible concentration of methanol in the air. Chzhao Chzhen-tsi [Chao Cheng-ch'i]. Pred. dop. kontsent. atmosf. zagr. no. 5:94-109 '61.

Materials on the hygienic aspect of maximum permissible concentration of mercury vapor in the air V. N. Kurnosov. Pred. dop. kontsent. atmosf. zagr. no. 5 51-71 '61.

Maximum permissible concentration of lead sulfide in the air. O. P. Shalamberidze. Pred. dop kontsent. atmosf. zagr. no. 5 40-53 '61.

Pollution of air by gasoline vapor and its maximum permissible concentration. N. F. Izmerov. Pred. dop. kontsent. atmosf. zagr. no. 5:72-93 '61.

Prevention of air pollution in children's institutions. G. K. Blagoveshchenskii. Med. sestra 21 no. 3,50-54 Mr '62.

Recent data on the effect of small concentrations of lead on the human organism. M. I. Gusev. Pred. dop. kontsent. atmosf. zagr. no. 5 27-39 '61.

Results of research on maximum permissible concentrations of atmospheric pollution during 1958-59. V. A. Riazanov. Pred. dop. kontsent. atmosf. zagr. no. 5:5-26 '61.

AIR, IONIZED—PHYSIOLOGICAL EFFECT

Effect of easterly winds on changes in the natural ionization of the air and the condition of patients at the TSkhaltubo Health Resort. L. A. Sergeev. Trudy Len. ob-va est. 72 no. 1:118-121 '61.

Effect of negative aero-ions on muscular activity. N. N. Khavkina. Trudy Len. ob-va est. 72 no. 1:123-124 '61.

AIR, IONIZED—THERAPEUTIC USE

Portnov, F. G. [Aerolons and their therapeutic use] Aerolony i ikh lechebnoe primenenie. Rīga, Izd-vo Akad. nauk Latviiskoi SSR, 1961 107 p.
(DNLM)

AIR COMPRESSORS

Portable compression apparatus. Vest Vozd Fl no 12 80 D '61

AIR COMPRESSORS—SAFETY APPLIANCES

Oil separator for air collectors V. I. Shkorupkii Bezop truda v prom. 6 no 3:31 Mr '62.

AIR-ENTRAINED CONCRETE

Using reinforced elements made of air-entrained ashsilicate concrete. N. I. Dikerman Bet i zhel bet 8 no 3 103-105 Mr '62

AIR-ENTRAINED CONCRETE—TESTING

Testing large wall panels made of cellular concrete. K. M Mileikovskaia, G. S. Kosmachev Prom stroi 40 no. 3 33-35 '62

AIR PILOTS see subdivision under Germany, Land

AIR PREHEATERS

Zyskin, A. V. [Calorifiers and air preheaters in construction] Kalorifery i vozdukhopodogrevateli v stroitel'stve. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1961 72 p.

AIR WARFARE

I solved . . . (answer to problem in No. 10, "How does the distance change" and in No. 11, "Determine the possibilities of the fighter plane"). S. Mazkov Vest Vozd Fl no 12:84 D '61

AIRBORNE TROOPS

Airplanes approach the air landing area K. [illegible] Av. i kosm. 44 no 2,55-59 '62.

AIRCRAFT

Winged dreams B Liapunov. Nauka i zhizn' 29 no 2 98-101 F '62

AIRFOILS

Aerodynamic characteristics of a delta wing with a deflected aileron, leading and trailing flaps in a supersonic flow IU. I. Krasil'nikov. Inzh zhur 2 no 1 175-181 '62.

Distribution of pressures on aerodynamic profiles in supersonic and hypersonic flows. E. Kuranoff. Izv. AN SSSR Otd. tekh. nauk Mekh. i mashinostr no 2 59-65 Ja-F '62

Plane problem of the motion of an airfoil near a free liquid surface [with summary in English] A. M. Panchenkov. Prykl. mekh. 8 no 2:200-211 '62

AIRPLANE INDUSTRY

International cartels in the airplane industry. I Lapshakov. Mir. ekon i mezhdunar. otn. no. 1:110-111 Ja '62.

AIRPLANES

[Manual for an aircraft technician] Spravochnik aviatsionnogo tekhnika, Moskva, Voen. Izd-vo M-va obor. SSSR, 1961. 510 p.

AIRPLANES—BRAKES

Determination of residual stresses in the brake drums of airplane wheels. F I Filatov, A. I. Kolpashnikov. Zav. lab 28 no 2,223-224 '62.

AIRPLANES—DESIGN AND CONSTRUCTION

Foam plastics in aeronautics. Ch. Hulatov. Av. i kosm. 44 no 3,62-65 '62.

AIRPLANES—FLIGHT TESTING

Tumanskii, A. K. [Flight through the years] Polet skvoz' gody. Moskva, Voen. izd-vo M-va oborony SSSR, 1962. 220 p. (Voennye memuary)

AIRPLANES—LANDING

Navigator's computation of a landing from a line. A. Ivanov. Vest. Vozd. Fl. no 12:33-34 D '61

Transport airplane in take-off and landing. A Bryksin, N. Sharov, S. Lysenko. Vest. Vozd. Fl. no. 12:65-71 D '61.

AIRPLANES—MAINTENANCE AND REPAIR

Defect has been found. V. Chilingarian. Av. i kosm. 41 no. 2:66-72 '62.

Eight times faster. K. Podgornyi, E. Nikulin. Av. i kosm. 44 no. 3:60-61 '62.

AIRPLANES—MATERIALS

Vinarov, S. M. [Physical metallurgy of airplane metals] Aviatsionnoe metallovedenie; uchebnoe posobie Moskva, Gos. nauchno-tekhn. izd-vo Oborongiz, 1962. 210 p.

AIRPLANES—PILOTING

Piloting airplanes at supersonic speeds. N. Zatsepa. Av. i kosm. 44 no. 2:52-54 '62.

AIRPLANES—TAKE-OFF

Launching the flier at night. E. Sukhorukov. Vest. Vozd. Fl. no. 12:34-35 D '61.

Transport airplane in take-off and landing. A. Bryksin, N. Sharov, S. Lysenko. Vest. Vozd. Fl. no. 12:65-71 D '61.

AIRPLANES—TURBOJET ENGINES
Some characteristics of the starting of turbojet engines V. N Filimonov Vest protivovozd obor no 12 36-40 D '61
Thermal shock in engines. V Aleksandrov. Starsh -serzh no 12 29 D '61
Turbojet engines [as revealed by foreign press data] A. Ponomarev Vest Vozd Fl no. 12:64-66 D '61

AIRPLANES, MILITARY—ARMAMENT see subdivision under United States

AIRPLANES, MILITARY—LANDING
Instructive critique. A Baraniuk. Vest Vozd. Fl no 12: 60 D '61
The mistake of airman, A. Gladchenko, G. Mishurnyi. Vest Vozd Fl no 12,50-60 D '61

AIRPLANES, MILITARY—MAINTENANCE AND REPAIR
How to use an instrument better N. Lupandin. Vest Vozd Fl no 12:60 D '61

AIRPLANES, MILITARY—PAINTING
I do not agree. M. Balukh. Starsh. -serzh no. 12:10 D '61.

AIRPLANES, MILITARY—PILOTING
Steep steps N. Vinogorov, I. Gusev. Vest Vozd. Fl. no 12;52-57 D '61

AIRPORTS—COLD WEATHER CONDITIONS
Getting an airfield ready V. Radkevich. Starsh -serzh. no. 12;14 D '61.

AIRPORTS—RUNWAYS
[Durable pavement for airports] Zhestkie pokrytiia aerodromov. [By] B. S. Raev-Bogoslovskii i dr. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transporta i shosseinykh dorog RSFSR, 1961. 321 p.

AITIEV, GAPAR AITIEVICH, 1912-
Cherkasova, N. V. Gapar Aitievich Aitiev. Moskva, Sovetskii khudozhnik, 1961. 67 p. illus.

AIVAZOVSKII, IVAN KONSTANTINOVICH, 1817-1900
Two letters written to I. Aivazovskii. N. Solntsev Iskusstvo 25 no 2;69 '62

AIVAZOVSKII, IVAN KONSTANTINOVICH, 1817-1900—FICTION
Vagner, L., and N. Grigorovich. [A tale on the artist Aivazovskii] Povest' o khudozhnike Aivazovskom. [Sukhumi] Abgosizdat, 1961. 240 p.

AK TYUZ REGION—LEAD ORES—ANALYSIS
Mineralography of lead flotation in Ak Tyuz. T. I. Kurmanaliev. Izv. AN Kir SSR, Ser est. i tekh nauk 3 no 3 115-134 '61

AKADEMGORODOK—ACADEMY OF SCIENCES OF THE U. S. S. R.
Siberia, the land of large scale science M A Lavrent'ev Nauka i zhizn' 29 no 12-6 Ja '62

AKADEMGORODOK—RESEARCH
Capital of Siberian science. B. Smagin. Znan. sila 37 no 2:1-5 F '62

AKATUY REGION—TALC
Talc in an oxidized zone. V. N. Dubinina. Zap. Vses. min. ob-va 91 no. 1,93-98 '62.

AKHALTSIKHE REGION—CLAY
Studying the composition of exchange cations from the Akhaltsikhe clay rocks I. G. Mirimanov. Soob AN Gruz. SSR 27 no. 3;321-324 S '61.

AKHALTSIKHE REGION—PALEONTOLOGY, STRATIGRAPHIC
Age and faunistic characteristics of boundary horizons between Eocene and Oligocene deposits of the Akhaltsikhe Depression. K. G. Tatieva. Dokl. AN SSSR 143 no. 2;409-412 Mr '62.

AKHMOVKA DISTRICT—BAPTISTS
Now their prayerhouse is empty. Volov. ateist no. 3: 38-40 Mr '62.

AKMOLINSK see Tselinograd

AKMOLINSK PROVINCE see Tselinograd Province

AKSAYSKAYA REGION—VIMBA
Natural spawning of Vimba vimba (L.) in ponds. N. I. Chernikov. Ryb. khoz. 37 no. 10;18-19 '61.

AKSU-DZHABAGLY PRESERVE—PASTURES AND MEADOWS
Effect of hay harvesting on dry meadows of the Aksu-Dzhabagly Preserve. N. Kh. Karmysheva. Trudy Inst. bot. AN Kazakh. SSR 11,40-57 '61.

AKSUM, ETHIOPIA—HISTORY
King Aizanes' "armies"; surviving traces of military democracy in ancient Aksum. Iu. M. Kobishchanov. Vest. drev. ist. no. 1;94-103 '62.

ALA-TAU, DZUNGARIAN see Dzungarian Ala-Tau

ALA-TAU, KUZNETSK see Kuznetsk Ala-Tau

ALA-TAU, TALAS see Talas Ala-Tau

ALA-TAU, ZAILIYSKIY see Trans-Ili Ala-Tau

ALANINE
Compounds of cadmium with alanine and norleucine I A Fedorov, T A Balakaeva Zhur neorg khim 7 no 2 312-319 F '62
Tetraalanine complexes of bivalent platinum L M. Volshtein, I O Volodina Zhur. neorg. khim 7 no 2 252-257 F '62.

ALASKA—EARTHQUAKES
Catastrophic sea wave in Alaska. S L Solov'ev. Priroda 51 no. 3 72-74 Mr '62.

ALASKA, GULF OF—OCEAN CURRENTS
Circulation of waters in the Gulf of Alaska and its seasonal variations K. T. Bogdanov Okeanologiia 1 no 5;815-824 '61

ALAVERDI DISTRICT—PYRITES
Sopko, P F. [Geology of the pyrite deposits of the Alaverdi ore region] Geologiia kolchedannykh mestorozhdenii Alaverdskogo rudnogo raiona Erevan, Izd-vo AN Armianskoi SSR, 1961 169 p.

ALAY RANGE—GEOLOGY, STRATIGRAPHIC
Famennian sediments in the northeastern part of the Alay Range G. L. Bel'govskii, L. A. Ektova Inform. sbor. VSEGEI no 46;67-69 '61.

ALAY RANGE—HAUYNITE
Hauyne from alkaline syenites of the Alay Range. G. A. Il'inskii. Zap. Vses. min. ob-va 91 no 1:109-112 '62

ALBEDO see subdivision under Transcaucasia

ALBOMYCIN
Structure of the amino acid fraction of the antibiotic albomycin. N. A. Poddubnaia, E P Krysin. Zhur. ob. khim 32 no. 3, 1005-1006 Mr '62.

ALCHEVSK—CITY PLANNING
Planning Alchevsk IA Blinder Stroi. i arkhit 9 no 11 5-7 N '61

ALCHEVS'KA, KHRYSTIA, 1882-1932
Khrystia Alchevs'ka, on the 80th anniversary of her birth Mykhailo Roslyk. Ukraina no. 6 28 Mr '62

ALCOHOL
(see also subdivision under Ufa)
Manufacturing tartaric acid and crude alcohol from grape pomace by applying the battery diffusion K. V. Marenkov, G M. Shubina, V E. Rogov. Trudy Nauch -issl inst. sad., vin 21 35-40 '60

ALCOHOL, DENATURED—TOXICOLOGY
Air pollution by discharge from a synthetic alcohol plant and its effect on morbidity and living conditions [with summary in English]. V. A. Kononova, V. B. Aksenova. Gig. i san. 26 no 9;3-7 S '61.

ALCOHOLICS
Neurotic syndromes in former alcoholics. F. F. Detengof Med. zhur. Uzb no. 5;11-15 My '60

ALCOHOLISM
Alcoholic irritation neurovegetative syndrome. Report No 2 [with summary in French] L. M Litvak Zhur nevr i psikh 62 no. 3;440-443 '62.
Electrophysiological study of the cerebral cortex of healthy subjects and patients with chronic alcoholism acting through the first and second signaling systems in the course of a hypnotic state [with summary in French] I. V. Strel'chuk, A. M. Melekhova Zhur. nevr. i psikh. 62 no. 3;428-439 '62
Moscow. Gosudarstvennyi nauchno-issledovatel'skii institut psikhiatrii M. [Organizing prevention and treatment of alcoholism in general medical institutions] Organizatsiia profilaktiki i lechenila alkogolizma v uchrezhdeniiakh obshchemeditsinskoi seti. Pod red. V. M. Banshchikova i I. I. Lukomskogo. Moskva, 1960. 50 p.
(DNLM)
Rozhnov, V. E. [Alcoholism is an enemy of your health] Alkogolizm - vrag zdorov'ia. Moskva, In-t sanitarnogo prosv. M-va zdravookhraneniia SSSR, 1960. 35 p. (V pomoshch' lektoru)
(DNLM)

ALCOHOLS
Alkylation of benzene by α-trichloromethylcarbinols. L. F. Golovlashkina, I. P. TSukervanik. Uzb. khim. zhur. 6 no. 1:56-58 '62.
Colorimetric determination of alcohols in air. I. E. Selina. Uch zap. Mosk nauch -issl inst. san i gig. no 5 36-41 '60
Determination of alcohols in air by colorimetry Uch.zap. Mosk. nauch. -issl. inst. san. i gig no. 5 63-64 '60.
Determination of alcohols in air by the titrimetric method Uch zap. Mosk. nauch. -issl inst. san. i gig no. 5 61-62 '60.
Determination of dimethylphenylcarbinol in air. Uch zap Mosk nauch. -issl inst. san. i gig. no 5:45-48 '60
Determination of isopropylbenzene hydroperoxide, dimethylphenylcarbinol, and α-methylstyrene in air M.V Alekseeva, E. G. Kachmar, V. A. Khrustaleva. Uch zap. Mosk nauch -issl. inst. san. i gig. no 5,5-18 '60.
Preparation of higher normal primary alcohols from higher normal olefins L I Zakharkin Izv. AN SSSR Otd khim nauk no 3 539 Mr '62.

ALCOHOLYSIS
New device for controlling the process of alcoholysis during the production of modified glyptal resins A I Liptsina, B V. Shenberg Lakokras mat i ikh prim no. 6 77-78 '61

ALDAN PLATEAU—PALEOBOTANY
New data on the flora of the Mamontova Mount [with summary in English] I. A. Il'inskaia, G. P. Pneva. Bot. zhur. 47 no 2,161-175 F '62.

ALDEHYDES
Determination of small amounts of aldehydes in the air of industrial plants by the method of derived polarography S. S. Gurvits, T. I Sergeeva Gig truda i prof zab 5 no 6 57-61 Je '61
Mercuration of aldehydes by di-p-aminophenyl mercury and di-p-tolyl mercury V F Martynova. Zhur. ob khim 32 no 3 962-964 Mr '62.
Preparation of aldehydes by the reduction of carboxylic esters with diisobutyl-aluminum hydride I. I Zakharkin, I M. Khorlina Izv AN SSSR Otd. khim. nauk no. 3 536 Mr '62.

ALDER see subdivision under White Russia

ALDOLASE
Activity of the enzyme aldolase in healthy children and in angiocholecystitis [with summary in English]. E. I. Druzhinina. Vop okh. mat i det 7 no. 2 23-26 F '62.
Aldolase activity of the cardiac mitochondria in rabbits [with summary in English]. S. E. Severin, A. M. Zubovskaia Vop. med. khim. 7 no. 4 43-44 Jl-Ag '61.
Simplified determination of aldolase activity in the blood serum [with summary in English]. V. Kulhánek, V. Klaška. Vop. med. khim. 7 no 4,431-437 Ag '61.

ALDOSTERONE
Sixth International Congress on Internal Medicine, held in Basel on August 24-27, 1960, use of aldosterone in the clinical treatment of internal diseases E. N Gerasimova. Kardiologiia 1 no 3 92-94 My-Je '61

ALEKSII, Patriarch of Russia, 1877-
Services of His Holiness Patriarch Aleksii. Zhur. Mosk. Patr. no 12,5-6 D '61

ALEXINS see Complements (Immunity)

ALFALFA
(see also subdivision under Siberia, Western)
Effect of antibiotics on the activity and virulence of the nodule bacteria of alfalfa [with summary in English]. T. A. Melkumova. Izv. AN SSSR, Ser. biol. 27 no. 1: 117-121 Ja-F '62.

ALFALFA—VARIETIES see subdivision under White Russia

ALGAE
(see also subdivision under Novosibirsk Reservoir; Ob' River; Polesye, Sevan, Lake; Tashkent Province; Zeravshan Valley)
"Desmidiaceae Cryptogamic flora of the U. S. S. R. Vol 5: Conjugatae" by E. K. Kosinskaia Reviewed by A Skabichevskii. Bot zhur. 47 no 2,286-288 F '62.
Development of unicellular green algae depending on the oxidation-reduction conditions of the medium [with summary in English] L. A Mineeva Mikrobiologiia 31 no 1:43-48 Ja-F '62
Effect of biomycin and penicillin on the vital activity of some algae. L. B. Dolivo-Dobrovol'skii and others. Biul. MOIP, Otd. biol. 67 no. 1:154-155 Ja-F '62.
Effect of blue-green algae on the development of zooplankton. E. F. Manuilova. Biul. MOIP. Otd. biol. 67 no. 1: 128-131 Ja-F '62.
Intracellular pH of Nitella flexilis at rest and after excitation. L. N Vorob'ev, G. A Kurella, G. A. Popov. Biofizika 6 no. 5 582-589 '61
Optical properties of Chlorella pyrenoidosa suspensions S. V. Tugeeva, A. B Brandt, V. S. Korshunova. Biofizika 6 no. 5:572-581 '61
Seasonal dynamics of soil algae in relation to plant cover [with summary in English]. P. M. Potul'nitskii. Mikrobiologiia 31 no 1,116-120 Ja-F '62.

ALGAE, FOSSIL see subdivision under Ural Mountain region

ALGAE AS FOOD
The Black Sea alga Phyllophora as raw material for foodstuffs and feeds. V. S. Griuner, L. A. Evmenova Ryb. khoz. 37 no. 10;61-62 '61.

ALGEBRA
Separation of the main part in certain algebraic problems A A. Abramov Zhur vych mat i mat fiz 2 no 1, 141-145 Ja-F '62

ALGEBRA, ABSTRACT
Semicharacteristic and characteristic subalgebras of the standard algebra. G. B. Gurevich. Trudy Sem po vekt. i tenz. anal. no 11;25-41 '61.

ALGEBRA OF LOGIC see Logic, Symbolic and mathematical

ALGEBRAIC FIELDS see Fields, Algebraic

ALGEBRAIC TOPOLOGY

Equivalence of cohomology theories. M M Postnikov Trudy Mat. Inst. 64:155-172 '61

H Cartan's algebra I Z Rozenknop Trudy mat inst AN Gruz SSR 27 57-60 '60

Some algorithmic problems for $\mathcal{E}$-algebras A. I. Shirshov. Sib. mat. zhur. 3 no. 1, 132-137 Ja-F '62.

Topological theory of polyadic numbers E V Novoselov Trudy mat inst AN Gruz SSR 27 61-69 '60

ALGEBRAS, LIE see Lie algebras

ALGEBRAS, LINEAR—PROBLEMS, EXERCISES, ETC.

Proskuriakov, I V. [Collection of problems in linear algebra] Sbornik zadach po lineinoi algebre. Izd 2, Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1962 332 p

ALGERIA—HISTORY

"Algeria, past and present" [in French] by Y. Lacoste, A. Nouschi, A. Prenant Reviewed by R. G Landa. Nar. Azii i Afr no 1:174-176 '62

ALGERIA—POLITICS AND GOVERNMENT

Algeria struggles for her independence and she will win G Gnasov. Komm Uz. 34 no. 2 86-92 F '62.

[Algerian people will triumph Translated from the French] Alzhirskii narod pobedit. Moskva, Gos izd-vo polit. lit-ry, 1961. 82 p.

Dawn of freedom over Algeria H Alleg Ogonek 40 no 11 3 Ap '62

Fascism won't succeed. D. Kuznetsov Mol komm. no 4,125-130 Ap '62.

Interview with Abdennour Ali Yahia, secretary of the General Union of Algerian Workers Vsem prof dvizh no 2 28-29 F '62

Our comments Nov. vrem. 20 no. 13 2-3 Mr '62.

"Reporting from the 'other world'" by Madeleine Riffaud. Reviewed by IA. Simkin. V mire knig 2 no. 2 8 F '62.

A victory which was gained through struggle. V. Ilkhin. Agitator no 8 41-43 Ap '62.

Who are "ultracolonialists?" L. Glukharev. Mir. ekon. i mezhdunar otn no 4 139-146 Ap '62

ALGORISM

Some algorithmic problems for $\mathcal{E}$-algebras. A. I. Shirshov. Sib. mat zhur. 3 no. 1 132-137 Ja-F '62.

ALIMENTARY CANAL

Anatomic and functional changes in the gastrointestinal tract following total or partial resection of the lung, experimental study N. S Smol'ianinova, S. I. Itkin Grud. khir 2 no 3 73-74 My-Je '60

Minimizing the irritating action of tetracyclines on the gastrointestinal tract by means of novocaine [with summary in English] T L. Sivel'eva, V A Lenartovich. Antibiotiki 6 no 11 998-1003 N '61

Pathomorphological changes in the gastrointestinal tract in chronic radiation sickness [with summary in English]. V B. Zairat'iants Med rad 5 no 1 35-42 Ja '60

ALIMENTARY CANAL—DISEASES

"Prevention of infectious gastrointestinal diseases" by S N Beznosov Reviewed by N A Kosarikhina Fel'd i akush 27 no 1 61 Ja '62.

Primary isolated lymphogranulomatosis of the gastrointestinal tract. P. A. Kozlovskii, V. I. Kosmachev. Khirurgiia no. 3:81-88 '62.

ALIMENTARY CANAL—INNERVATION

Innervation of the mucosa of the gastroenteric section in mammals S. M. Tiurin. Trudy Len. ob-va est. 72 no 1,105-107 '61

ALKALI LANDS see Saline and alkali soils

ALKALI METAL CHLORIDES

Metability of the ternary system of sodium, potassium, and cesium chlorides I. I Il'inov, A G Bergman Zhur neorg khim 7 no 3 695-696 Mr '62

ALKALI METAL COMPOUNDS

Complexes of aluminum trialkyl and aluminum dialkyl hydrides with alkali metal alkyls and their hydrides. L I Zakharkin, V V Gavrilenko Zhur ob. khim. 32 no. 3 889-892 Mr '62.

ALKALI METAL NITRATES

Fusibility curve of the ternary system consisting of lithium, potassium, and ammonium nitrates A. G Bergman, K Nogoev Zhur neorg khim 7 no 2 351-355 F '62.

ALKALI METAL SULFIDES

Mechanism of the effect of alkaline sulfur solutions on nitro derivatives of toluene and diphenylmethane. R. S. TSekhanskii, N. N. Zobova, V. F. Ushenina. Izv. vys. ucheb. zav.; khim. i khim tekh 4 no 6:985-987 '61

ALKALI METALS

Changes in the vapor pressure of alkali metals in the range of 10^{-5} to 10^{-2} mm of a mercury column. S. IA. Lebedev, IU. IA. Stavisskii. Prib. i tekh eksp. 7 no 1-142-144 Ja-F '62

Critical parameters of alkali metals [with summary in English]. V. M. Abramova, P L. Kirillov Inzh. -fiz. zhur 5 no. 1 108-110 Ja '62.

Flame photometric determination of alkali metals in silicate rocks and minerals E. A. Fabrikova. Trudy Inst. min., geokhim i kristallokhim. red. elem. no 6 118-128 '61

ALKALI METALS—ANALYSIS

The technique of determining alkali metals by flame spectrophotometry E. D. Uznadze Soob AN Gruz SSR 27 no 3 277-284 S '61

ALKALI METALS—THERMAL PROPERTIES

Phenomenon of dimerization in vapors of alkali metals and calculation of their thermophysical properties up to a temperature of 1500°C [with summary in English] L. D. Voliak. Inzh. -fiz zhur 5 no 3:51-57 Mr '62

ALKALI PROTEINASE see Trypsin

ALKALIES see subdivision under Yenisey Ridge

ALKALOIDS

Ability of various strains of Claviceps purpurea Tul to synthesize alkaloids in a saprophytic culture N I Ostrovskaia, A I Shalagina, A. N. Bankovskaia Med prom 15 no 6 39-41 Je '61

Alkaloids from Ungernia victoris VVED. A Abdusamatov, Kh A. Abduazimov, S. IU. IUnusov. Uzb khim zhur. 6 no. 1 45-55 '62

Alkaloids of some aconite species V N Karpovich Trudy Len khim -farm inst 12 191-193 '61

Composition and content of free amino acids in alkaloidal and nonalkaloidal blue lupine (Lupinus angustifolius L.) A. V. Mironenko, G I Spiridonova Biul. Inst. biol AN BSSR no 6:184-191 '61

Lallemantin a new alkaloid from the plant Lallemantia peltata (L.) Fisch. et Mey. T P Platonova, P S Massagetov, A D Kuzovkov. Med prom 16 no. 2 14 F '62.

Separation of nicotinic alkaloids and determination of their amount by paper chromatography. E. S Avundzhian. Izv AN Arm. SSR. Biol. nauki 15 no 2 89-93 '62.

Study of alkaloids extracted from lobelia (Lobelia urens) I S. Simon, IU V. Shostenko Zhur ob khim. 32 no. 3 1002-1004 Mr '62

ALKANES see Paraffins

ALKENES see Olefins

ALKYLATION

Alkylation of some m-dihaloidbenzenes by propylene in the presence of sulfuric acid IU G Mamedaliev, R S. Alimardanov Dokl AN Azerb SSR 18 no 1 23-26 '62

ALL-UNION COMMUNIST PARTY (BOLSHEVIK) see Communist Party of the Soviet Union

ALLERGY

Allergic reaction of the skin in rheumatic fever during the post-attack period [with summary in English] Z D Angulova Vrach delo no 2 49-53 F '62

Case of excessive reactivity to tularemia vaccination E. A Zykina Vrach delo no 2 143-144 F '62

Determination of the insusceptibility to plague using a polysaccharide allergen [with summary in English] M. M Faibich, S. A Dzhrylgasov. Zhur mikrobiol., epid i immun 33 no. 2 48-52 F '62

Experimental allergic encephalomyeloradiculitis [with summary in French] A. F. Maksimchenko and others Zhur nevr. i psikh. 62 no 3, 361-366 '62.

Interrelation between allergies and the level of tetanus antitoxic immunity [with summary in English]. L. G. Kovtunovich, E. A. Shablovskaia Biul eksp. biol i med. 52 no. 11, 85-88 N '61.

Skin hydrophilic test in hyperergic inflammation in an experiment on rabbits. M. E. Agrinskii Pat. fiziol. i eksp. terap 6 no. 1:83-84 Ja-F '62.

Study of the pathomorphology of experimental allergic encephalomyelitis [with summary in English]. L. I. Ravkina, G IA. Svet-Moldavskii. Arkh. pat. no. 3 27-33 '62

ALLIUM

(see also subdivision under White Russia)

Anomalous specimen of Allium akaka Gmel. P P. Gambarian. Izv. AN Arm. SSR. Biol nauki 14 no. 12 121-125 D '61.

ALLOXAN

Insulin activity of the blood plasma in young and newborn rabbits in alloxan diabetes produced at various stages of pregnancy [with summary in English]. L L. Liberman, S. E. Drizgalovich-Egorova Biul. eksp biol i med. 53 no. 2 63-66 F '62

ALLOYS—ELECTRIC PROPERTIES

Thermoelectromotive force of alloys. L. N. Petrova. Fiz. met. i metalloved 13 no. 2:173-179 '62.

ALLOYS—HEAT TREATMENT

Conference on the use of ultrasonic waves in the heat treatment of alloys N. S. Fedotenko. Metalloved. i term. obr. met. no. 2:54-56 F '62

ALLOYS—METALLOGRAPHY

Constitutional diagrams and thermodynamic activity diagrams for alloy components. A. A. Zhukov Fiz. met. i metalloved 13 no. 2:280-287 '62.

Movchan, B. A. [Microscopic heterogeneity of cast alloys] Mikroskopicheskaia neodnorodnost' v litykh splavakh. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1962. 330 p.

ALLOYS—TESTING

Relaxation test as a method of physicochemical analysis A. M Borzdyka. Zhur neorg. khim 7 no. 3 653-657 Mr '62.

ALLOYS—THERMAL PROPERTIES

Thermodynamics of phase transitions in binary alloys I. L. Aptekar', D. S. Kamenetskaia Dokl AN SSSR 143 no 3 636-639 Mr '62

ALLUVIAL PLAINS

(see also subdivision under Amur Province; Khabarovsk Territory)

Regulation of the water regime of river bottom lands in the non-Chernozem belt. P. A. Volkovskii. Nauch. zap. MIIVKH 19 95-133 '57.

ALMA-ATA—NATURAL HISTORY MUSEUMS

Exhibition of the Kazakhstan nature. L. G. Galuzo, V. S. Bazhanov, T. N. Nurumov. Priroda 51 no. 3 65-66 Mr '62.

ALMA-ATA PROVINCE—GRANARIES

Automatic dispatcher control of a continuous line of the Chumolgansk granary in the Alma-Ata Province. A. Mymulov. Muk.-elev. prom. 28 no. 2 6-7 F '62.

ALMA-ATA PROVINCE—LOESS

Mineralogical characteristics of loess soils of Alma-Ata Province. M. Mukhamedzhanov and others. Sbor. nauch. trud. Kaz GMI no. 10:150-163 '60.

Sagging of loess in the outskirts of Alma-Ata. I. P. Ogarkov, S. V. Levin. Sbor. nauch. trud Kaz GMI no. 10:10-13 '60.

ALMA-ATA PROVINCE—VEGETABLES

Vitamin C in the plant products of Alma-Ata Province Report No 1. N. S. Kuchinskaia Zdrav Kazakh 22 no 1 62-65 '62.

ALMANACS

"World Day" Reviewed by B Komanskii Vokrug sveta no 3 60-61 Mr '62

AL'MET'YEVSK—CLOTHING INDUSTRY

First sprouts. Remida Radovskaia Sov. potreb. koop 6 no 3 12-14 Mr '62.

ALOE

Tissue therapy of certain diseases under polyclinic conditions. O. Z. Mirushnichenko Vrach. delo no 8 103-107 Ag '61.

Treating enuresis in children with aloe extract A T Fomin. Fel'd i akush 27 no. 2 11 F '62

ALPHA RAYS

Effect of general alpha ray therapy (administration into the stomach of radon water) on dinucleotid lipid metabolism in an experiment [with summary in English] F. I. Leites. Med. rad. no 3 45-53 '62

Method for preparing polonium alpha emitters of low activity I N. Plaksin, IU. S. Deev, L. P Starchik Atom. energ. 12 no. 4:322-324 Ap '62

ALPINE FLORA see subdivision under Carpathian Mountain region

ALTAI MOUNTAIN REGION—MINING ENGINEERING

Results of a poor organization of work. A. IA Pshenichnyi Bezop truda v prom 6 no. 3:11-12 Mr '62

ALTAI MOUNTAINS—LIZARDS, FOSSIL

New Pleistocene species of the lizard Ablepharus from the Rudnyy Altai. I. S. Darevskii, I. S. Chumakov Paleont. zhur. no. 1:127-130 '62.

ALTAI MOUNTAINS—MAGNETIC PROSPECTING

Conversion of a complicated form of magnetic anomalies to a given height. V A. Nasonov. Geofiz razved no 5 61-66 '61.

ALTAI MOUNTAINS—MYRICARIA

Utilization of the species of Myricaria in ornamental gardening. A. V. Skvortsova. Trudy TSSBS no. 3 99-105 '60.

ALTAI MOUNTAINS—ORE DEPOSITS

Recent data on small intrusions and sulfide mineralization in the upper Paleozoic coal-bearing strata of the Rudnyy Altai. P. G. Vedernikov, P. F. Ivankin, M. S. Shnaider. Vest. AN Kazakh SSR 18 no 3:35-42 Mr '62.

Sulfide mineralization in the Malaya Ul'ba series of the Altai. B. I. Veits, A. K. Kalupov. Vest AN Kazakh SSR 18 no. 3:43-45 Mr '62.

ALTAI MOUNTAINS—ORES—SAMPLING AND ESTIMATION

Character of selective pulverizing of a drilled core in some types of pyrite and complex ore deposits and a method of defining it. V. I. Gerasimtsev. Razved. i okh. nedr 28 no. 1:43-47 Ja '62

ALTAI MOUNTAINS—PLANTS, ORNAMENTAL

Introduction of ornamental trees and shrubs in the Altai Z. I. Luchnik. Trudy TSSBS no. 3:77-84 '60.

ALTAI MOUNTAINS—SOILS—MICROBIOLOGY

Comparison of the species composition and antibiotic properties of actinomycetes from soils of the Gornyy Altai (U. S. S. R.) and Yenchi'dan District (Chinese People's Republic) [with summary in English] T. Kizyuy. Mikrobiologiia 31 no. 1 90-91 Ja-F '62.

ALTAI TERRITORY—AGRICULTURE

"Agriculture in the Altai Territory" by G. A. Nalivaiko. Reviewed by V. I. Zhivov. Zemledelie 24 no. 2 93-95 F '62.

"Standard of agriculture in the Altai Territory" by G. Nalivaiko. Reviewed by E. Selina. V mire knig 2 no. 3 20 Mr '62.

ALTAI TERRITORY—CULTURE

This became a spiritual necessity. A. Traskunova. Sov. profsoiuzy 18 no. 17-9 F '62.

ALTAI TERRITORY—ECONOMIC CONDITIONS

Kommunisticheskaia partiia Sovetskogo Soiuza. Altaiskii kraevoi komitet. Partiinyi arkhiv. [The Altai in the reconstruction period of 1921-1925, collected documents] Altai v vosstanovitel'nyi period, 1921-1925 gg., sbornik dokumentov. Barnaul, Altaiskoe knizhnoe izd-vo, 1960. 360 p.
(Mil)

ALTAI TERRITORY—FARM MECHANIZATION

"Boys, machinery, soil." Reviewed by V. Mitin. Komsom. zhizn' no. 5 30-32 Mr '62.

ALTAI TERRITORY—FLOWERS

Variety of perennial winter flowers for the piedmont and forest-steppe zone of the Altai Territory. I. V. Vereshchagina. Trudy TSSBS no. 3:121-128 '60.

ALTAI TERRITORY—GRAIN HANDLING

Training of engineers in the Altai Territory. L. Gerlakh. Muk.-elev. prom. 28 no. 2,29 F '62.

ALTAI TERRITORY—HISTORY—SOURCES

Kommunisticheskaia partiia Sovetskogo Soiuza. Altaiskii kraevoi komitet. Partiinyi arkhiv. [The Altai in the reconstruction period 1921-1925; collected documents] Altai v vosstanovitel'nyi period, 1921-1925 gg., sbornik dokumentov. Barnaul, Altaiskoe knizhnoe izd-vo, 1960. 360 p.
(Mil)

ALTAI TERRITORY—NATURAL RESOURCES

Riches of the Altai Mountains should serve the people. G. A. Prudenskii. Nauka i zhizn' 29 no. 1 60-61 Ja '62.

ALTAI TERRITORY—ROTATION OF CROPS

Farming system in the Altai Territory. G. T. Rudenko. Zemledelie 24 no. 3 16-22 Mr '62.

ALTAI TERRITORY—STATE FARMS

This became a spiritual necessity. A. Traskunova. Sov. profsoiuzy 18 no. 17-9 F '62.

ALTAITE see subdivision under Azizbekov District

ALTITUDE, INFLUENCE OF

Change in the content of sodium and potassium ions in human urine and saliva during "elevations" to altitudes of 5,000 and 6,000 m. in a pressure chamber [with summary in English]. A. S. Baier, E. V. IAkovleva. Biul. eksp. biol. i med. 53 no. 1:63-65 Ja '62.

Effect of acclimatization of hypoxia on the course of experimental epileptiform convulsions in rats [with summary in English]. A. I. Nazarenko. Biul. eksp. biol. i med. 53 no. 1 48-50 Ja '62.

Effect of explosive decompression (pressure drop) on the organism [with summary in English]. V. I. IAzdovskii and others. Izv. AN SSSR, Ser. biol. 27 no. 1:84-89 Ja-F '62.

ALUMINA

Hydrochemical extraction of alumina from clay. K. Isabaev, K. Zakar'ianov, Kh. N. Nurmagambetov. Sbor. nauch. trud. Kaz. GMI no. 10:93-97 '60.

Investigating the process of treating leucite for alumina and caustic potash. A. I. Lainer, M. A. Kolenkova, A. S. Maslennikova. Sbor. nauch. trud. GINTSVETMET no. 33 143-151 '60.

ALUMINOSILICATES

Complex utilization of Transcaucasian krasnozem (terra rossa). P. V. Dybina, IU. I. Vishniak. Izv. vys. ucheb. zav.; khim. i khim. tekh. 4 no. 6:1042-1044 '61.

Dehydration of primary n. amyl alcohol and isomerization of i-pentene on aluminosilicate catalysts. L. Kh. Freidlin and others. Kin. i kat. 3 no. 1 114-117 '62.

Exchange acidity of aluminosilicate catalysts. Part 1. Exchange acidity of aluminosilicate suspensions. M. V. Efrish. Izv. vys. ucheb. zav.; khim. i khim. tekh. 4 no. 6: 949-954 '61.

ALUMINUM

Effect of aluminum and silumin on the properties of zinc coatings. A. K. Riabov. Ukr. khim. zhur. 28 no. 2, 260-262 '62.

Magnetoacoustic resonance in aluminum [with summary in English]. P. A. Bezuglyi and others. Zhur. eksp. i teor. fiz. 42 no. 1:84-85 Ja '62.

ALUMINUM—ELECTROMETALLURGY

Double layer capacitance and exchange currents at high temperatures. IU. P. Nikitin, N. P. Nikitin. Trudy Ural. politekh. inst. no. 93 56-64 '59.

Effect of physicochemical processes taking place in the carbon lining of an electrolytic cell, on the deformation of the cathode casing. M. B. Rapoport, V. N. Samoilenko, I. M. Maltseva. Izv. vys. ucheb. zav., tsvet. met. 5 no. 2:81-87 '62.

Loss of aluminum in cryolite melts. L. A. Firsanova, A. I. Beliaev. Izv. vys. ucheb. zav., tsvet. met. 5 no. 2 88-91 '62.

Unilateral supply of current to powerful aluminum electrolytic cells. I. Z. Slutskii, Iu. I. Ogorodnikov. Izv. vys. ucheb. zav., tsvet. met. 5 no. 2 95-99 '62.

ALUMINUM—METALLOGRAPHY

Electron microscope study of aluminum films. V. P. Severdenko, S. A. Pasechnyi, E. I. Pochitskii. Dokl. AN BSSR 5 no. 10 452-454 O '61.

ALUMINUM—METALLURGY

Increasing the purity of aluminum by distillation through the subfluoride. A. I. Beliaev, L. A. Firsanova. Sbor. nauch. trud. GINTSVETMET no. 33 120-131 '60.

Processing alkaline aluminosilicate and other alumina-bearing rocks by sintering granulated mixtures. E. I. Khazanov. Izv. Sib. otd. AN SSSR no. 12 53-63 '61.

ALUMINUM—WELDING

Mechanized argon-arc welding of the aluminum part of oil tanks. A. M. Gofner, V. V. Zheltenkov. Avtom. svar. 15 no. 4:85-87 Ap '62.

Strength of glued and welded joints. V. N. Shavyrin. Avtom. svar. 15 no. 4:16-22 Ap '62.

ALUMINUM, STRUCTURAL

Three-dimensional structures with large spans made of light metals. M. G. Bril' and others. Rasch. prostr. konstr. no. 6, 5-38 '61.

ALUMINUM, STRUCTURAL—WELDING

Some technological characteristics of welding AMg6 alloy structures. A. S. Beresnev. Svar. proizv. no. 1 21-26 Ja '62.

ALUMINUM ALLOYS

The problem of decreasing the weight of ships' hulls and principal ways to solve it. I. V. Vinogradov. Trudy TSNIIMF 7 no. 36-89-98 '61.

ALUMINUM ALLOYS—ELECTROMETALLURGY

Refining of aluminum alloys in electric furnaces with open heating elements. G. IA. Dedok. Lit. proizv. no. 3 11 Mr '62.

ALUMINUM ALLOYS—FATIGUE

Calculating fatigue of aluminum alloys. A. A. Bat' Prom. stroi. 40 no. 3:56-58 '62.

ALUMINUM ALLOYS—SPECTRA

Determination of sodium in aluminum alloys by the spectral method. V. V. Gusarskii, N. I. Tarasevich. Zav. lab. 28 no. 2 183-184 '62.

ALUMINUM ANTIMONIDES

Phase equilibrium in the systems Ge - AlSb and Si - AlSb. V. M. Glazov, Liu Chzhen'-iuan'. Zhur. neorg. khim. 7 no. 3 582-589 Mr '62.

ALUMINUM-ANTIMONY-GERMANIUM ALLOYS see Germanium-aluminum-antimony alloys

ALUMINUM ARSENIDE

Electron density distribution in aluminum arsenide at 20°C and at 100°C. N. N. Sirota, N. M. Olekhnovich. Dokl. AN SSSR 143 no. 2:370-373 Mr '62.

ALUMINUM CHLORIDE

Effect of the quantity of aluminum chloride on the reaction of benzene methylation. V. V. Molchanova, V. G. Pitsnin. Izv. Sib. otd. AN SSSR no. 1, 83-88 '62.

ALUMINUM COATING

Effect of aluminum on the structure and properties of medium-carbon phosphorus steel with high nitrogen content. V. N. Svechnikov, I. Kh. Trush. Metalloved. i term. obr. met. no. 2:2-6 F '62.

Reduction of heat loss by aluminum painting of equipment. N. G. Chub. Med. prom. 15 no. 6 54 Je '61.

ALUMINUM COMPOUNDS

Complexes of aluminum trialkyl and aluminum dialkyl hydrides with alkali metal alkyls and their hydrides. L. I. Zakharkin, V. V. Gavrilenko. Zhur. ob. khim. 32 no. 3:889-892 Mr '62.

Effect of sodium hydride on ethyl aluminum dichloride and dibromide. L. I. Zakharkin, V. V. Gavrilenko, I. M. Khorlina. Izv. AN SSSR, Otd. khim. nauk no. 3:438-441 Mr '62.

Preparation of aldehydes by the reduction of carboxylic esters with diisobutyl-aluminum hydride. L. I. Zakharkin, I. M. Khorlina. Izv. AN SSSR, Otd. khim. nauk no. 3 538 Mr '62.

ALUMINUM-COPPER ALLOYS see Copper-aluminum alloys

ALUMINUM CRYSTALS

Channels and macroscopic etch figures in single crystals of pure aluminum. G. V. Indenbaum, I. I. Novikov, D. N. Popov. Dokl. AN SSSR 143 no. 2:316-318 Mr '62.

ALUMINUM FOUNDING

Nonuniformity in the performance of gating system feeder heads during the shaped casting of aluminum alloys. Zh. V. Iokarev, G. M. Dubitskii. Izv. vys. ucheb. zav., tsvet. met. 5 no. 2 135-140 '62.

ALUMINUM-GALLIUM-MAGNESIUM ALLOYS see Magnesium-aluminum-gallium alloys

ALUMINUM HYDROXIDE

Experimental study of antitetanus Diaferm-3 sera additionally treated with aluminum hydroxide [with summary in English]. V. V. Budylina, A. IU. Illiutovich, M. A. Torbin. Zhur. mikrobiol., epid. i immun. 33 no. 2 87-92 F '62.

Physicochemical and electron microscope characteristics of aluminum hydroxide as a depositing substance prepared by various methods [with summary in English]. N. N. Vasil'ev, A. A. Vorob'ev. Zhur. mikrobiol., epid. i immun. 33 no. 2 73-77 F '62.

Solubility of aluminum hydroxide in water at temperatures up to 360° C. O. I. Martynova, M. I. Reznikov, A. I. Volosnikova. Izv. vys. ucheb. zav., eneig. 5 no. 2 85-91 F '62.

ALUMINUM INDUSTRY see subdivision under Irkutsk Province

ALUMINUM-IRON ALLOYS see Iron-aluminum alloys

ALUMINUM-MANGANESE ALLOYS—WELDING

Investigation on ultrasonic quality control of butt welds in AMg6 aluminum alloys. Avtom. svar. 15 no. 4:54-56 Ap '62.

ALUMINUM-NICKEL ALLOYS see Nickel-aluminum alloys

ALUMINUM-NICKEL-CHROMIUM ALLOYS see Nickel-chromium-aluminum alloys

ALUMINUM-NIOBIUM-TITANIUM ALLOYS see Niobium-titanium-aluminum alloys

ALUMINUM ORGANIC COMPOUNDS

Synthesis of peroxide organoaluminum compounds. G. A. Razuvaev, A. I. Grachevskii. Zhur. ob. khim. 32 no. 3 1006-1007 Mr '62.

ALUMINUM OXIDE

Hydrochlorination of acetylene on aluminum oxide. K. V. Topchieva, S. A. Ven'iaminov. Kin. i kat. 3 no. 1 118-122 '62.

ALUMINUM-SILICON ALLOYS—METALLURGY

Mechanism of silumin modification. D. P. Lovtsov. Sbor. nauch. trud. GINTSVETMET no. 33 271-276 '60.

ALUMINUM-SILICON ALLOYS—TESTING

Investigating alloys on a hypereutectic silumin base for the manufacture of engine pistons. B. A. Fomin, A. G. Spasskii. Sbor. nauch. trud. GINTSVETMET no. 33 289-290 '60.

ALYSSUM see subdivision under Armenia

AMALGAMS

Cementation of rare earth elements with alkali metal amalgams. M. G. Salun, K. Kh. TSareva. Zhur. neorg. khim. 7 no. 2 227-232 F '62.

AMATEUR ART ACTIVITIES

(see also subdivision under Balashovka, Baryshevka; Kharkov Province; Penza Province, Ukraine)

[Present-day folk festivals and rituals] Sovremennye narodnye prazdniki i obriady. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 109 p. (Bibliotechka sel'skogo klubnogo rabotnika, no. 16)

Works of amateur artists. M. IAblonskaia. Iskusstvo 25 no. 2:34-38 '62.

AMATEUR MOTION PICTURES see subdivision under Erivan; Ukraine

AMATEUR RADIO STATIONS

CQ SSB. Radio no. 3:18 Mr '62.

Great possibilities. Radio no. 3:15 Mr '62.

AMATEUR THEATRICALS

(see also subdivision under Bobruysk; Moscow; Stavropol Territory; Voznesensk)

Amateur theatricals. Sov. deput. trud. no. 3,43-44 Mr '62.

Theater and amateur theatricals. M. TSarev. Kul't.-pros. rab. 23 no. 3:18-20 Mr '62.

AMBARY HEMP—DISEASES AND PESTS

Using antibiotics for controlling root rot in ambary hemp and jute. S. A. Asparova. Trudy Vses. inst. sel'khoz. mikrobiol. 17, 115-116 '60.

AMERICA—DISCOVERY AND EXPLORATION

Magidovich, I. P. [The history of the discovery and exploration of North America] Istoriia otkrytiia i issledovaniia Severnoi Ameriki. Moskva, Gos. Izd-vo geogr. lit-ry, 1962. 475 p. (Otkrytie Zemli)

AMERICAN FEDERATION OF LABOR AND CONGRESS OF INDUSTRIAL ORGANIZATION—CONGRESSES
The Fourth A. F. L. - C. I. O. Convention. George Wheeler. Vnesh. prof. dvizh. no. 3:9-17 Mr '62.

AMERICAN NEWSPAPERS
Newspaper "The worker" and Americans. John Howard Lawson. Nov. vrem. 20 no. 11:10-12 Ap '62.

AMGUN' VALLEY—LARCH
Growth of the Dahurian larch in the basin of the Amgun' River. A. S. Agaenko. Amur. sbor. no. 2, 329-336 '60.

AMIDES
Role of amides in the biosynthesis of streptomycin [with summary in English]. V. A. Severina, S. V. Gorskaia, I. V. Gracheva. Vop. med. khim. 7 no. 4:125-133 Jl-Ag '62.

AMINE OXIDASE
Role of zinc in the amine oxidase activity of the blood serum [with summary in English]. V. Z. Gorkin. Vop. med. khim. 7 no. 6:632-636 N-D '61.

AMINES
Interaction of 3-aminopropene-1, 2-thiocarbonate with ammonia and amines. V. S. Etlis, G. A. Razuvaev. Dokl. AN SSSR 143 no. 3:633-635 Mr '62.
Oxidation of aromatic amines by trifluoroperacetic acid. L. I. Khmel'nitskii, T. S. Novikova, S. S. Novikov. Izv. AN SSSR. Otd. khim. nauk no. 3:516-517 Mr '62.
Radioprotective effect of the combined use of amines. P. G. Zhereb chenko and others. Med. rad. no. 3:67-72 '62.
Study of certain properties of chloroethylamines of the aliphatic aromatic series. L. B. Rapp, K. A. Kornev. Ukr. khim. zhur. 28 no. 2:222-225 '62.
Study of the system NaCl - RNH2 - CO2 - H2O at 25°. E. A. Rashkovskaia, T. V. Mozharova, L. T. Usenko. Ukr. khim. zhur. 28 no. 2:162-167 '62.

AMINO ACIDS
Amino acid composition of proteins in different plastid types. A. S. Vecher, A. A. Mashko. Dokl. AN BSSR 6 no. 3:193-195 Mr '62.
Amino acid composition of Vibrio comma and Vibrio comma-like bacilli [with summary in English]. L. M. Pustovalova. Vop. med. khim. 7 no. 3:265-270 My-Je '61.
Amino acids and microbes. N. A. Krasil'nikov. Priroda 51 no. 3:23-27 Mr '62.
Chromatographic determination of amino acids in fish bouillons. Iu. A. Vorotnikov. Ryb. khoz. 38 no. 3:64-67 '62.
Comparative study of the amino acid composition of the linden flower Tilia and of sophora buds (Sophora japonica) [with summary in English]. S. I. Iankov. Vop. pit. 21 no. 2:39-41 Mr-Ap '62.
Conditioned and unconditioned secretion of glycine-C^{14} and methionine-S^{35} by salivary glands. Iu. A. Petrovich, R. P. Podorozhnaia. Dokl. AN SSSR 143 no. 2:487-490 Mr '62.
Decyanoethylation and recyanoethylation of products of N-cyanoethylation of amino acids, their derivatives, peptides, dikutopiperazines, and proteins. P. F. Buckus and others. Zhur. ob. khim. 32 no. 3:738-741 Mr '62.
Free amino acids in the cerebrospinal fluid in otogenic intracranial complications [with summary in English]. G. A. Feigin. Vop. med. khim. 7 no. 3:291-296 My-Je '61.
Intensity of proteolysis and the content of free amino acids in normal and denervated muscles [with summary in English]. V. I. Telepneva. Vop. med. khim. 7 no. 4:409-417 Jl-Ag '61.
Introducing of amino acids into coacervates. T. N. Evreinova and others. Nauch. dokl. vys. shkoly, biol. nauki no. 1:159-161 '62.
Structure of the amino acid fraction of the antibiotic albomycin. N. A. Poddubnaia, E. P. Krysin. Zhur. ob. khim. 32 no. 3:1005-1006 Mr '62.

AMINOPTERIN
Gastric secretory function during toxic insufficiency due to the administration of aminopterin. S. IA. Mikhlin, M. F. Nesterin. Vrach. delo no. 8:3-6 Ag '61.

AMINOPYRINE
Diagnostic value of the pyramidon test in subfebrile conditions. L. V. Shchibraeva. Kaz. med. zhur. no. 5:77-78 S-O '61.

AMINOPYRINE—TOXICOLOGY
Fatal poisoning in a child by pyraphen and norsulfazol E. Iu. K. Razumovskii. Kaz. med. zhur. no. 1:69 Ja-F '62.

AMMONIA
Ammonia neutralization of solutions obtained by the decomposition of Kara-Tau phosphorites by nitric acid. I. N. Nishanov, V. S. Vyzgo, M. N. Nabiev. Uzb. khim. zhur. 6 no. 1:21-25 '62.
Interaction of 3-aminopropene-1, 2-thiocarbonate with ammonia and amines. V. S. Etlis, G. A. Razuvaev. Dokl. AN SSSR 143 no. 3:633-635 Mr '62.
Naphthalene and ammonia content of oil-shale gas. A. E. Drabkin. Trudy VNIIT no. 10:91-95 '61.
Poisoning of iron catalysts of ammonia synthesis. E. Kh. Enikeev, A. V. Kiselova. Kin. i kat. 3 no. 1:139-141 '62.
Studying the new method of ammonia recovery in an experimental industrial installation. G. D. Kharlampovich and others. Koks i khim. no. 2:34-38 '62.
Use of phenolate-hypobromite reaction in agrochemical studies, determination of soil ammonia. Report No. 1. O. B. Gasparian, O. V. Grigorian. Izv. AN Arm. SSR. Biol. nauki. 14 no. 12:111-113 D '61.

AMMONIUM COMPOUNDS
Results of X-ray structural studies of some ammonium complex compounds of bivalent copper. M. A. Porai-Koshits, M. Bukovska. Zhur. strukt. khim. 3 no. 1:38-43 Ja-F '62.

AMMONIUM COMPOUNDS, SUBSTITUTED
Treatment of gastric ulcer with tetamon-I. Iu. K. Ol'shanetskaia. Vrach. delo no. 8:20-24 Ag '61.
Use of hexonium in the treatment of gastric ulcer. A. P. Orishev, L. S. Dmitrenko. Vrach. delo no. 8:14-20 Ag '61.

AMMONIUM PHOSPHOTUNGSTATE
Thermographic study of isomeric ammonium luteophosphotungstates and β-luteophosphotungstic acid. E. A. Nikitina, N. A. TSvetkov. Zhur. neorg. khim. 7 no. 2:325-332 F '62.

AMMONOIDEA see subdivision under Ural Mountains

AMMUNITION
Handling of ammunition in mortar units. A. Bliakher. Voen. vest. 41 no. 2:102-104 F '62.

AMNIOTIC FLUID
Comparative evaluation of laboratory methods for diagnosing the discharge of amniotic fluids. S. V. Kisin, N. S. Molchanova. Kaz. med. zhur. no. 1:60-63 Ja-F '62.

AMOBARBITAL
Changes in body temperature and oxygen consumption in rabbits following administration of amytal sodium [with summary in English]. G. M. Daudova. Biul. eksp. biol. i med. 52 no. 7:48-53 Jl '61.

AMPEROMETRIC ANALYSIS see Conductometric analysis

AMPHIBIA see subdivision under Latvia

AMPHIBIA—EMBRYOLOGY see Embryology—Amphibia

AMPHIBIA, FOSSIL
Upper Permian labyrinthodont Jugosuchus. A. N. Riabinin, M. A. Shishkin. Paleont. zhur. no. 1:140-145 '62.

AMPLIFIERS (ELECTRONICS)
Amplifier using reverse current flows. V. M. Lopukhin, A. S. Roshal'. Radiotekh. i elektron. 7 no. 4:643-651 Ap '62.
Direct current amplifier for measuring currents from 10^{-8} to 10^{-12} ampere. V. A. Reeben. Prib. i tekh. eksp. 7 no. 1:122-124 Ja-F '62.
Input stage of a high-frequency amplifier with low signal to noise ratio. Iu. Prozorovskii. Radio no. 3:20 Mr '62.
Strain-gauge amplifier with a half-wave phase-sensitive detector. B. A. Kuznetsov. Avtom. i prib. no. 1:92-93 Ja-Mr '62.
Use of subtractor circuits in selective amplifiers. V. L. Zmudikov. Avtom. kont. i elek. izm. no. 2:75-82 '60.

AMPLIFIERS, PARAMETRIC see Parametric amplifiers

AMPUTATION STUMP—BLOOD SUPPLY
Study of tissue blood flow in the leg stump. I. B. Sklifar. Ortop., travm. i protez. no. 2:42-46 '62.

AMU DARYA VALLEY—BOTANY
Comparative characteristics of the flood plain vegetation of Amu Darya and Tarim Rivers (southern Sinkiang). M. P. Petrov. Trudy TashGU no. 187:64-76 '61.

AMUR CORK TREE
(see also subdivision under White Russia)
Amur cork tree and its phytoncidal properties. E. S. Gurinovich, D. S. Trukhanovskii. Biul. Inst. biol. AN BSSR no. 6:27-35 '61.

AMUR PROVINCE—ALLUVIAL PLAINS
Alluvium and vegetation in the flood plains of mountain rivers of the middle and lower Amur Basin. A. P. Nechaev. Amur. sbor. no. 2:168-176 '60.

AMUR PROVINCE—COLLECTIVE FARMS
Our work is based on collective farm democracy. A. Kuznetsov. Part. zhizn' no. 7:38-40 Ap '62.

AMUR PROVINCE—MINES AND MINERAL RESOURCES
Mineral resources in the middle and lower Amur Basin within the Soviet Union. V. A. IArmoliuk. Amur. sbor. no. 2:218-240 '60.

AMUR PROVINCE—SOIL TEMPERATURE
Characteristics of soil temperature in Amur Province [with summary in English]. V. V. Golovin. Pochvovedenie no. 2:105-109 F '62.

AMUR RIVER—[illegible]
Food of the Amur [illegible]. Bas. i. S. I. Dogel'.

AMUR RIVER—[illegible]
Regulating capacity [illegible] Amur, abstr. no. [illegible].

AMUR RIVER—[illegible]
Maximum discharge [illegible]. E. I. Bordunova.
Summer flood of [illegible] nikova. Amur. [illegible].

AMUR RIVER—HYDROLOGY
Exploitation of [illegible] Solov'ev. Amur. [illegible].

AMUR RIVER—HYDROLOGY
Transverse [illegible] the lower Amur [illegible] no. 2:105-115 '60.

AMUR RIVER—ICE [illegible]
Ice jams in the upper [illegible] spring of 1960. [illegible] 101-105 '60.

AMUR RIVER—SALMON
Relation between the [illegible] of spawning [illegible] M. I. Krykhtin. A. G. [illegible] '62.

AMUR VALLEY—AGRICULTURE
Bank-protective plant[illegible] shor. no. 2:177-[illegible].

AMUR VALLEY—BOTANY
Bottom-land vegetation. Amur. shor. no. [illegible].

AMUR VALLEY—[illegible]
The new genus Ant[illegible] (Caryophyllaceae) [illegible] Basin. O. P. Kuz'[illegible] 1001-1004 Ap '[illegible].

AMUR VALLEY—MINERALS
Mineral springs of the Amur shor. no. [illegible].

AMUR VALLEY—RIVERS
Principal factors [illegible] flow in the Amur B[illegible] no. 2:31-50 '[illegible].

AMUR VALLEY—SOIL
Nitrification capacity [illegible] meadow soils in the [illegible] Trudy Vsesoiuz. [illegible] no. 2:71-74 '61.

AMURSKIY DISTRICT—[illegible]
Climatic characteristics [illegible] Jewish Autonomous [illegible] shor. no. 2:117-[illegible].

AMYGDALUS
Comparative [illegible] Aflatunia ulmifolia [illegible] A. D. Nemetlauri, [illegible] '62.

AMYL ALCOHOL
Dehydration of primary [illegible] tion of 1-pentene [illegible] Freidlin and others [illegible].

AMYLOIDOSIS
Kumnelli's transmitted amyloidosis [illegible] nikh. 34 no. 1:[illegible].
Pathogenesis of amyloid [illegible] Serov. Arkh. pat. [illegible].

ANABAR SHIELD—ALGAE
Possibilities of using [illegible] structures on the [illegible] N. S. Brodova. Trudy [illegible].

ANABAR SHIELD—GEOLOGY
Stratigraphic sections [illegible] southern margin of [illegible] Trudy VNIGRI no. [illegible].
Using spectrum analysis [illegible] of Lower Paleozoic [illegible] the Anabar Massif [illegible] 406-431 '61.

ANABASINE
Detection of anabasine [illegible] Kh. R. Rakhmatov [illegible] '60.

ANALGESICS
Increased sensitivity [illegible] body to narcotics, [illegible] starvation [with [illegible] Arkh. pat. no. 3:[illegible].

ANALOGIES, ELECTROMECHANICAL see Electromechanical analogies

ANALYSIS (CHEMISTRY) see Assaying

ANALYSIS (MATHEMATICS) see Mathematical analysis

ANALYSIS, CHROMATOGRAPHIC see Chromatographic analysis

ANALYTIC FUNCTIONS see Functions, Analytic

ANALYTICAL CHEMISTRY see Chemistry, Analytical

ANALYTICAL GEOMETRY see Geometry, Analytic

ANALYTICAL MECHANICS see Mechanics, Analytic

ANAPHYLAXIS
Effect of anaphylactic shock on the formation of precipitating antibodies Report No 2 Effect of substances acting upon the nervous system on immunogenic processes during anaphylactic shock [with summary in English]. V. A. Frolov Zhur mikrobiol., epid i immun 33 no 2:41-45 F '62

ANATOMY—CONGRESSES
Plenum of the Board of the All-Union Scientific Society of Anatomists, Histologists and Embryologists in Irkutsk (June 23-24, 1961) E.Sh.Gerlovin. Arkh. anat.gist.i embr. 41 no.12 109-117 D '61.

ANATOMY, MICROSCOPIC see Histology

ANATOMY, SURGICAL AND TOPOGRAPHICAL
Kovanov, V. V., and T. I. Anikina. [Surgical anatomy of the fasciae and fascial spaces in man] Khirurgicheskaia anatomiia fastsii i kletchatochnykh prostranstv cheloveka. Moskva, Medgiz, 1961. 200 p. (DNLM)

ANCESTRY see Heredity

ANCHORAGE
Experimental model studies on mooring loads. V.IU. Mazur, F.M.Shikhiev. Gidrotekhnika no 1 19-25 '61.

ANCHORS
Efficient method of keying the rod of Admiralty-pattern anchors B. S. Nemirov. Sudostroenie 28 no. 2,46 F '62.

ANDIZHAN—SURGICAL SOCIETIES
Annual report of the Andizhan Surgical Society for 1959. I. K. Karaev, T. M. Karlov. Med. zhur. Uzb. no.4:72-73 Ap '60.

ANDIZHAN PROVINCE—COTTON GROWING
Virgin soil is calling! I. Shogutomov, N. Khakimov. Uzbekistan 21 no. 2:4-5 F '62.

ANDIZHAN PROVINCE—FARM MECHANIZATION
On virgin land. F. Izmailov. Sov. deput. trud. no. 3: 23-24 Mr '62.

ANDIZHAN REGION—OIL FIELDS—PRODUCTION METHODS
Pisarik, M. N. [Exploitation of strippers by remote control in the Andizhan oil field] Ekspluatatsiia malodebitnykh skvazhin na dispetcherizirovannom neftepromysle Andizhan. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 87 p. (Obmen peredovym tekhnicheskim opytom)

ANDREEVA, MARIIA FEDOROVNA, 1868-1953
Andreeva, M. F. [Correspondence, Reminiscences. Articles Documents, Reminiscences on M. F. Andreeva] Perepiska. Vospominaniia. Stat'i Dokumenty. Vospomonaniia o M. F. Andreevoi. Moskva, Gos. izd-vo "Iskusstvo," 1961. 719 p.

ANDROVSKAIA, OL'GA NIKOLAEVNA
Olga Andrievskaia's new role. Teatr 23 no. 3:24 Mr '62.

ANEMIA
Case of bean poisoning. L.I. IAvorovskii. Klin med. no 3 141-143 '62.
Course of pregnancy in aplastic anemia and familial hemolytic anemia. T.G.Moiseeva, A.N.Kharchenko. Vop. okh. mat. i det. 7 no.2:91-93 F '62.
Duplication of the large intestine in a 5-year-old child accompanied by anemia O. N. Bankova. Vop okh mat. i det. 6 no 12:75-76 D '61
Morphological studies on experimental heteroimmune hemolytic anemia [with summary in English]. A. K. Agoev. Biul eksp. biol. i med. 53 no 2 118-122 F '62.
Various forms of hemolytic anemia in children V. A. Lebedeva. Zdrav. Kazakh. 22 no. 1.42-46 '62.

ANEMOMETER
A d.c. hot-wire anemometer with feedback. G.F. Appolonov Trudy LPI no.217:176-179 '61.
An a.c. hot-wire anemometer with feedback. G.V. Smirnov. Trudy LPI no.217:168-175 '61.
Semiconductor thermoanemometer with temperature compensation [with summary in English]. M. A. Kaganov, I. G. Mushkin. Inzh.-fiz. zhur. 5 no.1:72-78 Ja '62.

ANESTHESIA
Anesthesia in emergency surgery on organs of the abdominal cavity. E. I. Vol'pert, I. N. Ershova, K. N. Lazareva. Vest. khir. no. 3:85-90 '62.
Anesthesia in surgery on newborn infants N.V Menialiov Vop okh mat i det 6 no 12 60-65 D '61
Bronchospasm during anesthesia [with summary in English] V M. Butanov, G. A. Riabov, E M Smirenskaia Grud khir 1 no 4.77-80 Jl-Ag '59
Characteristics of anesthesia in operations on the esophagus [with summary in English]. P. K. D'iachenko. Vest khir no. 9 93-102 '61
Combined bronchoscopy and bronchography under general anesthesia. Grud. khir. 2 no. 1.73-76 Ja-F '60
Effect of anesthesia on the liver, a survey of Soviet and foreign literature. M. O. Sternin. Vest. khir. no. 8: 120-133 '61.
Electroencephalography in modern anesthesia [with summary in English]. S. N. Efuni Grud khir. 1 no. 3: 102-107 My-Je '59.

ANESTHESIA—COMPLICATIONS AND SEQUELAE
Late recurarization during the use of Ditilin A. V. Avakian, K. A. Gulanian Vest. khir no 9:102-104 '61

ANESTHESIA, ENDOTRACHEAL see Intratracheal anesthesia

ANESTHESIA, LOCAL see Local anesthesia

ANESTHESIA, SPINAL see Spinal anesthesia

ANESTHESIA IN OBSTETRICS
"A gift of humanity", educational medical motion picture (painless labor) Reviewed by M. E. Zinger Fel'd. i akush. 27 no 2 62-63 F '62.
Potentiated anesthesia in gynecological operations Z. M Dzhalamova, B. A. Didovich Med. zhur. Uzb no. 1: 20-24 Ja '62.

ANESTHESIOLOGY
Zil'ber, A. P. [Surgical position and anesthesia; circulatory and respiratory reactions to posture in anesthesiology] Operatsionnoe polozhenie i obezbolivanie; postural'nye reaktsii krovoobrashcheniia i dykhaniia v anesteziologii. Petrozavodsk, Gos. izd-vo Karel'skoi ASSR, 1961. 250 p. (DNLM)

ANESTHESIOLOGY—EQUIPMENT AND SUPPLIES
Resistance of the respiratory circuit in anesthetic apparatus, and methods for reducing it [with summary in English]. V. M. Solov'ev. Grud khir. 2 no. 1:118-121 Ja-F '60.

ANESTHETICS
Data on the comparative evaluation of the results of treating endarteritis obliterans by intra-arterial administration of some medical substances. T. K. Kukeev. Zdrav. Kazakh. 21 no. 12:8-13 '61.
Effect of anaphylactic shock on the formation of precipitating antibodies Report No 2 Effect of substances acting upon the nervous system on immunogenic processes during anaphylactic shock [with summary in English] V A. Frolov, Zhur. mikrobiol., epid i immun. 33 no 2:41-45 F '62.
Experimental study of the mechanisms of the action of neurotropic substances. T. V. Pravdich-Neminskaia. Vest. AMN SSSR 17 no. 1:87-92 '62.

ANEURYSMS
Congenital arteriovenous aneurysm of the left forearm, simulating a traumatic aneurysm. E M Khodiev, A. G Struganova. Med zhur. Uzb. no. 1:87-88 Ja '62.
X-ray diagnosis of aneurysms of the pulmonary artery [with summary in English]. I. Kh Rabkin Vest. rent. i rad. 37 no. 1:29-32 Ja-F '62.

ANEURYSMS, AORTIC see Aortic aneurysms

ANGARA VALLEY—BRINES
Origin of brines of the Angara-Lena artesian basin N. IA. Tychino Trudy VNIGRI no 186 122-127 '61

ANGARA VALLEY—ENGINEERING GEOLOGY
Establishment of engineering geology districts of the Angara Valley. M. K. Savinskaia. Gidr. stroi. 32 no. 1:9-14 Ja '62.

ANGARA VALLEY—FOREST FIRES—PREVENTION AND CONTROL
Strengthening forest fire control in the Angara Valley. E. N Valendik. Les. khoz. 15 no. 3 51-53 Mr '62.

ANGARA VALLEY—HYDROELECTRIC POWER STATIONS
Integrated utilization of the Angara River. P. M. Dmitrievskii. Gidr. stroi. 32 no. 1:1-8 Ja '62.

ANGINA PECTORIS
Clinical evaluation of the use of a new soviet preparation, erinit, in chronic coronary insufficiency and the signs of stenocardia [with summary in English]. V. N. Dzink. Terap. arkh. 34 no. 2:38-42 '62.
Reserpine-anticoagulant treatment of hypertension concomitant with stenocardia. B. P. Kushelevskii and others. Klin. med. no. 3:95-100 '62.

ANGIOCARDIOGRAPHY
Savel'ev, V. S. [Catheterization and angiocardiography in congenital defects of the heart] Zondirovanie i angiokardiografiia pri vrozhdennykh porokakh serdtsa Moskva, Medgiz, 1961. 238 p. (DNLM)

ANGIOGRAPHY
Angiographic diagnosis of the "syndrome of the superior vena cava" [with summary in English] E. P. Dumpe Vest. rent i rad. 37 no 1:23-29 Ja-F '62
Pathology of the anterior choroidal artery in tumors of the brain A. N Lebedev Vop neirokhir no 2 16-24 '62
Phlebography and its significance in the diagnosis of a postphlebitic syndrome. G. G. Sychev Vest rent. i rad 37 no 1 62-63 Ja-F '62.
Phlebography in elephanthiasis of the upper and lower extremities A. N. Retvinskii Vest. rent. i rad 37 no 1, 61-62 Ja-F '62.
Significance of arteriography and oscillography in endarteritis obliterans M. F. Musin. Kaz med zhur no 5: 31-34 S-O '61
Some characteristics of angiographic technique and the catheterization of blood vessels in a collapsed lung [with summary in English]. V M. Sergeev, L. I. Klioner. Eksp khir. i anest. 6 no 5 33-39 S-O '61

ANGIOMA
Clinical aspects and surgical treatment of supratentorial angiomas of the brain [with summary in English]. Fam za Chen and others Vop neirokhir no 2 13-15 '62
Hemangioma of the large intestine causing profuse hemorrhage. N. F. Kitoraga. Vest. khir. no. 3:125-126 '62.

ANGIOSPASM
Use of diprophen in the treatment of toxic angioneuroses. N. A Smirnova Gig truda i prof. zab. 4 no 1 48-49 Ja '60

ANGIOSPERMS
Paleobiological foundations of the origin of angiosperms. P. A. Mchedlishvili. Trudy Inst. paleobiol. AN Gruz. SSR no. 6:97-121 '61.

ANGLO-SAXON LANGUAGE—PREPOSITIONS
Origins of prepositional government in Old English. V. N. Zhigadlo. Issl. po angl. filol. no. 2 99-114 '61.

ANGOLA—POLITICS AND GOVERNMENT
[Freedom for Angola! Translated from the French] Svobodu Angole. Moskva, Gos izd-vo polit. lit-ry, 1961. 80 p.
This is the "civilization" of colonialists! Ogonek 40 no 14 26-27 Ap '62

ANGREN VALLEY—BOTANY
Regeneration of vegetation on waste lands. T. I. TSukervanik. Trudy TashGU no. 187.187-174 '61.

ANGREN VALLEY—SNOW SURVEYS
Use of aerial photographs of the snow cover in the upper reaches of the mountain river Angren for hydrological purposes. V. P Chernogorov. Trudy Sred.-Aziatsk. nauch.-issl. gidrometeor. inst no. 7 3-31 '61

ANGULAR MOMENTUM (NUCLEAR PHYSICS)
Babikov, V. V. [Gamma radiation from a compound nucleus having a large angular momentum] O γ-izluchenii sostavnogo iadra s bol'shim momentom vrashcheniia. Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 7 p. [With summary in English]

ANHYDRIDES—SPECTRA
Stereochemistry of cyclic compounds. Part 45: Infrared spectra of anhydrides of stereoisomeric cyclic orthodicarboxylic acids. V. F. Kucherov, E. P. Serebriakov, G. A. Kogan. Zhur. ob. khim. 32 no. 3:760-765 Mr '62.

ANILINE
Compounds containing a three-membered oxide ring. Part 27: Interaction of aniline with ethyl ester of β-methyl-β-phenylglycidic acid. V. F. Martynov, IA N Kastron Zhur. ob. khim. 32 no. 3 721-723 Mr '62.
Polymers with conjugated bonds and heteroatoms in conjugated chains. Part 19. Some properties of aniline black [with summary in English]. V. P. Parini, Z. S Kazakova, A. A Berlin. Vysokom. soed. 3 no 12: 1870-1873 D '61.

ANIMAL INTRODUCTION
Acclimatization of myoids in Lake Balkhash. S. N. Ivanov. Ryb. khoz. 37 no. 10:22-23 '61.
Introduction of Siberian and Far Eastern sturgeons into the waters of Eastern Europe V. D. Lebedev. Ryb. khoz. 37 no. 10,11-14 '61.

ANIMAL POISON see Venom

ANIMALS, HABITATIONS OF
New apparatus for determining air humidity in animal holes and birds nests from a distance. V. E. Sokolov, N. S. Varzhenevskii. Biul. MOIP. Otd. biol. 67 no. 1: 116-119 Ja-F '62.

ANIMALS, HABITS AND BEHAVIOR OF
Bird markets; "ABC" of animals. M. Voinstvens'kyi. Nauka i zhyttia 11 no. 2 48 F '62
Gorlov, O., and V. Borisov. [Animals in outer space] Zhivotnye v kosmose. Moskva, Izd-vo "Znanie," 1960. 93 p.
Man decodes the "language" of animals. IU. Boguslavskaia. Znan. sila 37 no. 2,38-42 F '62.

ANIMALS, HABITS AND BEHAVIOR OF (Continued)

Some general rules of higher nervous activity (behavior) in animals [with summary in English] E. G. Vatsuro Zhur. vys. nerv. deiat. 11 no. 6 1012-1018 N-D '61

"Unsolved mysteries" by M. Zverev. Reviewed by V. Elagin. Vokrug sveta no. 3 62-63 Mr '62

ANIMALS, INFANCY OF

Amount of blood and hemoglobin and some characteristics of hemopoiesis in newborn kittens. L. I. Izhak. Dokl. AN SSSR 143 no. 2 483-486 Mr '62

ANISOLE—TOXICOLOGY

Comparative evaluation of the toxicity of anisole derivatives [with summary in English] G. N. Zaeva. Gig. truda i prof. zab. 4 no. 2 30-36 F '60

ANIVA GULF—HERRING

Races of young herring in Aniva Gulf. V. A. Sokolov. Vop. ikht. 2 no. 1:73-78 '62

ANKLE—DISLOCATION

Case of bilateral habitual dislocation of the tendons of the peroneal muscles. B. I. Bushkin. Ortop., travm. i protez. no. 2 63-64 '62.

ANKLEBONE—FRACTURE

Treatment of closed fractures of the external malleolus in the light of anatomical characteristics of the inferior tibiofibular articulation. A. P. Makarov. Vest. khir. no. 8, 63-71 '61.

ANNIVERSARIES

April 1962. Kal. znam. i pam. dat. 7 no. 4 2 Ap '62

Leafing through a calendar. Klub. 11 no. 2 39 F '62

Looking up the calendar. Kul't.-pros. rab. 23 no. 3 62-63 Mr '62.

March 1962. Kal. znam. i pam. dat. 7 no. 3 2-3 Mr '62

Noteworthy dates in science and technology. Shkola i proizv. 6 no. 1 95-96 Ja '62.

Our calendar. Mol. komm. no. 4 121-124 Ap '62.

Our calendar. Sots. kul't. no. 2 17 F '62

ANOTOPTERUS see subdivision under Atlantic Ocean

ANOXEMIA

Effect of acclimatization of hypoxia on the course of experimental epileptiform convulsions in rats [with summary in English]. A. I. Nazarenko. Biul. eksp. biol. i med. 53 no. 1 48-50 Ja '62.

Effect of pressor and depressor substances on the blood flow in the greater and lesser circulation in hypoxic hypoxia [with summary in English]. K. N. Fedorova. Biul. eksp. biol. i med. 53 no. 1 31-36 Ja '62.

Increased sensitivity and decreased resistance of the body to narcotics, sedatives and analgesics in oxygen starvation [with summary in English]. A. I. Ulovich. Arkh. pat. no. 3 60-68 '62

New possibilities of increasing heat resistance of the body in the light of experimental data. F. T. Agarkov. Pat. fiziol. i eksp. terap. 6 no. 1:70-73 Ja-F '62.

Raising the resistance to hypoxemia of the central nervous system and of the myocardium. E. V. Popova. Eksp. khir. i anest. 6 no. 5 42-43 S-O '61.

Some characteristics of oxygen deficiency during cava-pulmonary anastomosis [with summary in English]. L. F. Sherdukalova. Grud. khir. 1 no. 4 35-44 Jl-Ag '59

ANTARCTIC REGIONS—ICE

Sovetskaia antarkticheskaia ekspeditsiia, 1955- [Transactions of the Soviet Antarctic Expedition, 1955] Trudy. Leningrad, Izd-vo "Morskoi transport."

Vol. 18. Kapitsa, A. P. [Dynamics and morphology of the ice cap in the central sector of eastern Antarctica] Dinamika i morfologiia lednikovogo pokrova tsentral'nogo sektora Vostochnoi Antarktidy. Pod red. P. S. Voronova. 1961. 92 p. [MICROFILM]

ANTARCTIC REGIONS—ICEBERGS

The front of Antarctic convergence and changes in the northern limit of icebergs in the Southern Ocean during a period of many years. I. V. Maksimov. Probl. Arkt. i Antarkt. no. 8 47-52 '61

ANTARCTIC REGIONS—OCEAN TEMPERATURE

Heat balance of the ocean surface in Antarctica. O. I. Sheremetevskaia. Okeanologiia 1 no. 5:835-836 '61.

Temperature of Antarctic surface waters in the whaling regions of Antarctica. A. A. Rybnikov. Okeanologiia 1 no. 5:825-834 '61.

ANTARCTIC REGIONS—RUSSIAN EXPLORATION

Arkhipov, V. M., and E. P. Busygin. [Antarctica and its exploration by Soviet scientists] Antarktida i ee issledovanie sovetskimi uchenymi. [Kazan'] Izd-vo Kazanskogo univ., 1959. 49 p.

Exploration of polar countries during the first seven-year period. A. F. Treshnikov. Probl. Arkt. i Antarkt. no. 8:5-9 '61.

ANTARCTIC REGIONS—SEDIMENTATION AND DEPOSITION

Bottom deposits of Antarctica. A. P. Lisitsyn. Trudy Okean. kom. 10 no. 3 70-78 '62.

ANTARCTIC REGIONS—SNOW

Characteristics of the formation of the snow cover in Antarctica. I. D. Kopanev. Trudy Tbil. NIGMI no. 9 36-37 '61.

Forms of the snow surface produced by the effect of winds and temperature, Antarctica. G. M. Kurdgelaidze. Soob. AN Gruz. SSR 28 no. 2:173-180 F '62.

ANTARCTIC REGIONS—WHALES

Temperature of Antarctic surface waters in the whaling regions of Antarctica. A. A. Rybnikov. Okeanologiia 1 no. 5:825-834 '61

ANTENNAS (ELECTRONICS)

Concerning a certain type of partial radiation patterns. B. M. Minkovich. Radiotekh. i elektron. 7 no. 4: 708-710 Ap '62.

Determination of the length of an antenna from a given radiation pattern. V. I. Popovkin. Radiotekh. i elektron. 7 no. 4 705-708 Ap '62

Drabkin, A. L., and V. L. Zuzenko. [Antenna feeding devices] Antenno-fidernye ustroistva. Moskva, Izd-vo "Sovetskoe radio," 1961. 815 p.

Maximum directivity of antennas composed of discrete radiators. E. I. Krupitskii. Dokl. AN SSSR 143 no. 3, 582-585 Mr '62.

ANTHICIDAE see subdivision under Fergana

ANTHRACENE—SPECTRA

Spectra of molecular anthracene ions formed during vacuum adsorption. V. A. Barachevskii, E. I. Kotov, A. N. Terenin. Dokl. AN SSSR 143 no. 2, 362-365 Mr '62.

ANTHRAQUINONE

Compounds of boric acid with hydroxyanthraquinone. T. N. Nazarchuk. Ukr. khim. zhur. 28 no. 2:233-230 '62.

ANTHRAQUINONESULFONIC ACID

Reaction of boric acid with alizarin S. L. S. Serdiuk, U. F. Slitch. Ukr. khim. zhur. 28 no. 2, 226-232 '62

ANTHRAX—PREVENTIVE INOCULATION

Duration of the immunity in guinea pigs vaccinated with a complex live vaccine against plague, tularemia, brucellosis and anthrax [with summary in English] S. L. Borod'ko, L. G. Samsonovich. Zhur. mikrobiol., epid. i immun. 33 no. 2 25-28 F '62.

ANTHROPOLOGY

Exhibition of M. M. Gerasimov's works. N. N. Mamonova, T. S. Surnina. Sov. etn. no. 1 95-102 Ja-F '62

Objectives of Soviet anthropology in the light of the resolutions of the 22d Congress of the CPSU. Sov. etn. no. 1 3-7 Ja-F '62.

ANTHROPOMETRY

Physical development of newborn infants in Novosibirsk from 1957 to 1959. A. N. Galieva. Sov. zdrav. 21 no. 2:47-50 '62.

ANTIAIRCRAFT ARTILLERY

Corrections in the conditions of fire. S. Mon'ko. Voen. vest. 41 no. 2:77 F '62.

On the road to success. E. A. Babynin. Vest. protivovozd. obor. no. 12, 14-16 D '61.

Training in firing on low-flying targets. M. Kirilkhin. Voen. vest. 41 no. 12:79-80 D '61.

Training of antiaircraft reconnaissance groups. V. Egorov. Voen. vest. 41 no. 12:77-79 D '61.

Vary the method of training on equipment. Iu. P. Ziuriaev. Vest. protivovozd. obor. no. 12 17-19 D '61.

When there is a clear target ahead of you. V. Shtan'ko. Voen. vest. 41 no. 2:73-75 F '62.

ANTIBIOTICS

Absorption, circulation and excretion from the body of the antibiotic olivomycin [with summary in English]. I. A. Kunrat. Antibiotiki 7 no. 3:44-48 Mr '62.

Action of the antibiotic olivomycin on the blood of laboratory animals [with summary in English]. T. P. Vertogradova. Antibiotiki 7 no. 3:48-53 Mr '62.

Aeration and respiration of actinomycetes and proactinomycetes synthesizing antibiotics in fermentors in relation to biochemical changes in the culture media [with summary in English]. K. K. Ivanov and others. Antibiotiki 6 no. 11:984-989 N '61

Akademiia meditsinskikh nauk SSSR, Moscow. Institut epidemiologii i mikrobiologii. [Mycerin; experimental study and the results of its clinical testing] Mitserin; eksperimental'noe izuchenie i rezul'taty klinicheskogo ispytaniia. Moskva, Medgiz, 1961. 307 p. *(DNLM)*

Antibacterial and antineoplastic properties of the antibiotic 6613 [with summary in English]. V. A. Shorin, and others. Antibiotiki 6 no. 11:979-983 N '61.

Antibiotic phytobacteriomycin, effective in controlling bacteriosis in plants. V. A. Semenova and others. Trudy Vses. inst. sel'khoz. mikrobiol. 17 131-139 '60.

Antibiotic properties of some strains of Gibberella [with summary in English]. A. M. Malkov, N. V. Rozmanova. Mikrobiologiia 31 no. 1:153-157 Ja-F '62.

Antibiotics in the control of gummosis in cotton. L. P. Staryguna, M. R. Birkel', Sh. A. Safarov. Trudy Vses. inst. sel'khoz. mikrobiol. 17, 60-67 '60.

Antileukemic activity of antibiotic 6613 [with summary in English] A. IA. Kiashkina, E. I. Terent'eva, I. I. Zaretskii. Pat. fiziol. i eksp. terap. 6 no. 1:59-62 Ja-F '62

Antimicrobial and therapeutic effect of antibiotics of the neomycin series, monomycin and colimycin, in experimental pneumonia with abscesses caused by Kl. pneumoniae [with summary in English]. S. Sadikaliuev. Antibiotiki 7 no. 4 339-345 Ap '62.

Antineoplastic activity of the antibiotic olivomycin [with summary in English]. V. A. Shorin and others. Antibiotiki 7 no. 3 60-64 Mr '62.

Bacteriosis in Sudan grass and the possibility of using antibiotics for its control. N. A. Shishelova, M. G. Pri-siagina. Trudy Vses. inst. sel'khoz. mikrobiol. 17 103-114 '60.

Change in the sensitivity to antibiotics of pyogenic staphylococci isolated in Sverdlovsk during 1951-1960 [with summary in English] N. N. Samiolovich. Antibiotiki 6 no. 11:1034-1039 N '61

Changes in the fine morphology of the neural apparatus of the renal veins in some diseases with and without the general action on the body of antibiotics. M. K. Ter-Kasparova. Azerb. med. zhur. no. 12 69-75 D '61

Characteristics of three strains of actinomycetes synthesizing new antibiotics [with summary in English]. G. Szabo, T. P. Preobrazhenskaia. Antibiotiki 7 no. 4 312-317 Ap '62.

Chemical structure of the components of the antibiotic aurantin A_2 and A_3 [with summary in English] V. S. Kuznetsova and others. Antibiotiki 7 no. 3 30-34 Mr '62.

Chemotherapy of experimental cholera [with summary in English]. L. E. Khundanov and others. Antibiotiki 7 no. 4 331-334 Ap '62.

Clinical aspects of pneumonias and the comparative effectiveness of their treatment with antibacterial preparations [with summary in English]. T. D. Skrypnikova. Sov. med. 25 no. 2 3-11 F '62

Combined treatment of experimental plague using antibiotics and gamma globulin. L. D. Khudanov and others. Antibiotiki 6 no. 11:1039-1042 N '61.

Comparative evaluation of the antineoplastic activity of antibiotic 6270 and echinomycin [with summary in English]. O. K. Rossolimo, G. N. Lepenkina. Antibiotiki 7 no. 4:345-348 Ap '62.

Comparative study of the distribution of combined "oxybiolymphin" (streptomycin, neomycin) preparations and tetracycline in the bodies of experimental animals after their parenteral administration [with summary in English]. B. Lukáš and others. Antibiotiki 7 no. 3, 25-30 Mr '62.

Complications in the treatment of syphilis with combined penicillin, arsenic-containing drugs, and salts of heavy metals. R. A. Kapkaev. Med. zhur. Uzb. no. 1 64-66 Ap '60.

Compound treatment of experimental melioidosis with antibiotics and sulfodimesin [with summary in English] L. E. Khundanov and others. Antibiotiki 6 no. 11:1014-1016 N '61

Corn Bacterial leaf spot of corn and the possibility of using antibiotics for its control. N. A. Shishelova. Trudy Vses. inst. sel'khoz. mikrobiol. 17 117-80 '60

Detoxifying and disintoxifying properties of mycerin in relation to the botulinus and staphylococcus toxins [with summary in English]. V. N. Dorokh. Antibiotiki 6 no. 11 1006-1009 N '61.

Distribution of antibiotics in the proteins from water-soluble fractions of the skeletal muscles [with summary in English] G. I. Kharchenko. Antibiotiki 6 no. 11 1003-1005 N '61

Distribution of sekazin in the bodies of experimental animals [with summary in English]. N. A. Ozeretskovskii, O. Sh. Dzheksenbaev, I. S. Petropavlovskaia. Antibiotiki 7 no. 4:356-358 Ap '62.

Effect of antibiotics on the course of experimental tuberomic infection in white mice exposed to the action of ionizing radiations [with summary in English] M. M. Kiivel' Zhur. mikrobiol., epid. i immun. 33 no. 2 98-102 F '62.

Effect of antibiotics on the pyruvate requirement by resting cells of E. coli [with summary in English] A. I. Korotiaev. Mikrobiologiia 31 no. 1:24-28 Ja-F '62

Effect of some antimicrobial preparations on the development of colimycin resistance in colienteritis pathogens [with summary in English]. A. D. Kovalenko, A. N. Chernomordik. Antibiotiki 6 no. 11:1021-1025 N '61.

Effect of the antibiotic olivomycin on transplanted tumors [with summary in English]. M. M. Maevskii and others. Antibiotiki 7 no. 3:64-67 Mr '62.

Effect of the functional state of the body on the distribution of antibiotics. G. IA. Kivman, E. A. Rudkit, V. P. IAkovlev. Antibiotiki 7 no. 4:370-378 Ap '62.

Effect of the season of the year on the sensitivity to antibiotics of the intestinal microflora in dogs under the chronic influence of Sr^{90} [with summary in English] O. G. Alekseeva, G. M. L'vitsina. Med. rad. 6, 3:58-61 '62.

Effectiveness of antibiotics against bacteriosis in corn leaf sheaths. F. E. Nemlienko. *Trudy Vses. inst. sel'khoz. mikrobiol.* 17:100-102 '60.

Fractional composition of serum proteins in guinea pigs infected with Cl. perfringens and treated with ekmonovocillin-1 or tetracycline [with summary in English]. IU. S. Tatarinov, IU. D. Chirkin. Antibiotiki 7 no. 4: 335-339 Ap '62.

Gosudarstvennyi kontrol'nyi institut meditsinskikh biologicheskikh preparatov imeni L. A. Tarasevicha. [Antibiotics, collection of methodological instructions on the supervision and standardization of antibiotic preparations] Antibiotiki, sbornik metodicheskikh ukazanii po kontrolyu i standartizatsii antibiotichekikh preparatov. Pod red L. S. Ogloblinoi i L. M. Iakobson. Moskva, 1959. 134 p

[MICROFILM]

Hemotherapy in brucellosis, sepsis, and pleurisy of tuberculous etiology. G. N. Kalugina. Med. zhur. Uzb. no. 4 38-41 Ap '60

In the world of antibiotics. Z. V. Ermol'eva, S. M. Navashin. Zdorov'e 6 no. 1 5-7 Ja '62.

Indices of the effectiveness of antibiotics used against gummosis in cotton. L. P. Starygina, M. R. Bir'el'. Trudy Vses. inst. sel'khoz. mikrobiol. 17 5-17 '60

Isolation, purification and study of some physical chemical properties of the new antibiotic, olivomycin [with summary in English]. M. G. Brazhnikova and others. Antibiotiki 7 no. 4 289-14 Mr '62.

Mutagenic action of antibiotics. Report No. 1. Production of auxotrophic mutants of S. typhimurium from antibiotic resistant cultures [with summary in English]. D. G. Kudlai, Chzhou Guan'-tsian' [Chou Kuan-yüan], S. V. Prozorovskii. Antibiotiki 7 no. 4 291-296 Ap '62.

Olivomycin a new antibiotic produced by Actinomyces olivoreticuli [with summary in English]. G. F. Gause, R. S. Ukholina, M. A. Sveshnikova. Antibiotiki 7 no. 3 34-38 Mr '62.

Outline of some antibiotics suitable for controlling diseases in plants. N. K. Solov'eva and others. Trudy Vses. inst. sel'khoz. mikrobiol. 17 110-116 '60

Paper chromatography of antibiotic substances produced by a Schizotrypanum cruzi culture [with summary in English]. I. N. Pozmogova. Antibiotiki 7 no. 4 321-323 Ap '62.

Pharmacological properties of the antibiotic sekazin [with summary in English]. O. Sh. Dzhelsembaev, N. A. Ozeretskovskii. Antibiotiki 7 no. 4 352-355 Ap '62

Pharmacological study of the antibiotic olivomycin [with summary in English]. L. I. Gol'dberg, V. I. Kremer. Antibiotiki 7 no. 1 53-56 Mr '62

Possibility of using antibiotics in the control of phytopathogenic fungi. A. M. Bunina. Trudy Vses. inst. sel'khoz. mikrobiol. 17 117-124 '60.

Preliminary results of the clinical test of the antibiotic olivomycin [with summary in English]. R. N. Kuchkarev. Antibiotiki 7 no. 3 67-70 Mr '62.

Producer and biological properties of, and fermentation experiments on preparation No. 125. Z. F. Bekker and others. Trudy Vses. inst. sel'kho. mikrobiol. 17 147-152 '60

Properties of antibiotics determining their effectiveness in the control of bacteriosis in phaseolus. L. V. Voronkova. Trudy Vses. inst. sel'kho. mikrobiol. 17 18-26 '60

Sensitivity of golden hamsters (Cricetus auratus, W, 1939) to some antibiotics and sulfanilimide preparations [with summary in English]. A. S. Grudnikov, T. M. Gusev. Antibiotiki 6 no. 11 1031-1041 N '61.

Sensitivity of microbes of the umbilical wound to certain antibiotics and the use of biomycin in severing the umbilical cord. I. Kh. Khodzhaeva. Med. zhur. Uzb. no. 4 35-38 Ap '60

"Side effects from antibiotic treatment of bacterial infections" by Kh. Planel'es and A. Kharitonova. Reviewed by A. M. Okulov. Kaz. med. zhur. no. 1 93-97 Ja-F '62.

"Side-effects of the antibiotic treatment of bacterial infections" by A. M. Kharitonova. Reviewed by G. V. Vygodchikov. Zhur. mikrobiol., epid. i immun. 33 no. 2 117-119 F '62

Siliconization of metallic cylinders used for determining the activity of antibiotics. B. A. Fiksman, V. L. Shirieva. Med. prom. 15 no. 6 50-52 Je '61

Spray drying of antibiotics. I. D. Boiko, E. S. Bylinkina. Med. prom. 16 no. 2 27-35 F '62.

Stimulating properties of antibiotics. U. G. Oksent'ian. Trudy Vses. inst. sel'khoz. mikrobiol. 17 28-36 '60.

Study of the therapeutic effect of a combination of antibiotics in experimental brucellosis infection [with summary in English]. E. I. Kaitmazova. Antibiotiki 7 no. 4 324-327 Ap '62.

Thermal effect in the fermentation of antibiotics. K. G. Fedoseev, G. I. Sholykh. Med. prom. 16 no. 1 34-38 Ja '62.

Thermophilic Micromonospora and its production of the antibiotic T-12 in conditions of surface and deep fermentation at 50-60° [with summary in English]. A. E. Kosmachev. Mikrobiologiia 31 no. 1 66-71 Ja-F '62.

Titration of antibiotics by diffusion in agar from holes cut in the agar layer. G. V. Kochetkova, R. S. Ukholina. Med. prom. 16 no. 1 49-50 Ja '62.

Use of antibiotics in the control of gummosis in cotton in Uzbekistan. S. A. Askarova. Trudy Vses. inst. sel'khoz mikrobiol. 17 61-69 '60.

Using antibiotics for controlling root rot in ambary hemp and jute. S. A. Askarova. Trudy Vses. inst. sel'khoz. mikrobiol. 17 115-116 '60.

Using antibiotics in controlling bacteriosis in phaseolus. U. G. Oksent'ian, L. V. Voronkova, A. M. Drozd. Trudy Vses. inst. sel'khoz. mikrobiol. 17 68-82 '60

Using antibiotics in the inoculation of phaseolus seeds with nitragin. L. V. Voronkova. Trudy Vses. inst. sel'khoz. mikrobiol. 17 83-86 '60.

Utilization of distilling washes from alcohol and acetone-butyl alcohol plants in the production of feed antibiotics. V. B. Fremel' and others. Spirt. prom. 28 no. 2 26-27 '62.

Work of the section, "Biochemistry of antibiotics," at the Fifth International Biochemistry Congress in Moscow. T. A. Uspenskaia. Mikrobiologiia 31 no. 1 182-185 Ja-F '62

X-ray control of the effectiveness of antibiotic therapy in postinfection colitis. P. D. Tarnopol'skaia, V. I. Alleva. Kaz. med. zhur. no. 1 23-24 Ja-F '62.

ANTIBIOTICS—BIBLIOGRAPHY see Bibliography—Antibiotics

ANTIBIOTICS—PHYSIOLOGICAL EFFECT

Effect of antibiotics on the activity and virulence of the nodule bacteria of alfalfa [with summary in English]. T. A. Melkumova. Izv. AN SSSR Ser. biol. 27 no. 1 117-121 Ja-F '62.

ANTIBIOTICS—TOXICOLOGY

Histopathological changes in animal organs following the administration of the antibiotic olivomycin [with summary in English]. I. P. Belova, V. Muraveiskaia. Antibiotiki 7 no. 3 67-69 Mr '62

Side-effects of antibiotic action during treatment of dysentery in children. A. G. Avanesova, T. V. Kulakova, N. M. Kozlova. Pediatriia no. 2 69-73 '62

ANTICOAGULANTS (MEDICINE)

Anticoagulant treatment in thrombophlebitis of the extremities. F. T. Krasnoperov. Kaz. med. zhur. no. 5 34-35 S-O '61

Clinical aspects of hemorrhagic diathesis during treatment with anticoagulants. S. B. Khanina. Klin. med. no. 3 146-148 '62.

Effect of anticoagulants on absorption from the abdominal cavity during different phases of peritonitis [with summary in English]. S. M. Lutsenko. Pat. fiziol. i eksp. terap. 6 no. 1 53-55 Ja-F '62

Reserpine-anticoagulant treatment of hypertension concomitant with stenocardia. B. P. Kushelevskii and others. Klin. med. no. 3 95-100 '62

Use of anticoagulants in rheumatism [with summary in English]. V. N. Diachenko. Klin. med. no. 3 100-105 '62

ANTI-COMMUNIST MOVEMENTS

Lion Feuchtwanger. E. Genin. Kommunist 38 no. 5 101-106 Mr '62

ANTICONVULSANTS

Effect of substances stimulating and inhibiting the central nervous system, on the quantity and quality of corticosteroids in the blood of dogs and guinea pigs [with summary in English]. N. P. Goncharov. Biul. eksp. biol. i med. 52 no. 11 75-79 N '61

Use of a new preparation, chloracon, in epilepsy. A. M. Korovin. Klin. med. no. 3 136-138 '62

ANTIGENS AND ANTIBODIES

Ability of viruses to overcome the action of inhibitors and antibodies [with summary in English]. P. N. Kosiakov, M. S. Berdinskikh, Z. I. Rovnova. Vop. virus. 7 no. 1 28-35 Ja-F '62.

Antibodies reacting with human heart tissue in antistreptococcic rabbit serum [with summary in English]. I. M. Lampert and others. Zhur. mikrobiol., epid. i immun. 33 no. 2 62-68 F '62

Autoantibodies detected in the blood in epidemic hepatitis (Botkin's disease) [with summary in English]. S. O. Avsarkisian. Zhur. mikrobiol., epid. i immun. 33 no. 1 31-34 Ja '62.

Circulation and excretion of an antigen (endotoxin) from dysentery microbes in various clinical forms of dysentery in children. Z. M. Andreeva, P. I. Bogomolova. Pediatriia no. 2 61-65 '62

Comparative study of the antigenic properties of human carcinomatous, sarcomatous and leukemic tissues. P. N. Kosiakov, V. S. Korosteleva. Biul. eksp. biol. i med. 52 no. 11 95-98 N '61.

Effect of anaphylactic shock on the formation of precipitating antibodies. Report No. 2. Effect of substances acting upon the nervous system on immunogenic processes during anaphylactic shock [with summary in English]. V. A. Frolov. Zhur. mikrobiol., epid. i immun. 33 no. 2 41-45 F '62.

Effect of the methods of antigen injection on the antibody-forming function of the organism and the consequences of the action of ionizing radiation. E. D. Stepanian. Vop. radiobiol. [AN Arm SSR] 1 115-121 '60.

Evaluation of the clinical significance of anticerebral antibodies in the serum of patients with schizophrenia and other neuropsychic diseases [with summary in French]. S. F. Semenov, G. V. Morozov, N. I. Kuznetsova. Zhur. nevr. i psikh. 61 no. 8 1210-1215 '61.

Method for producing the Vi antigen from some bacteria of the intestinal group [with summary in English]. V. V. Kliuchova. Zhur. mikrobiol., epid. i immun. 33 no. 2 107-109 F '62.

Method for the industrial preparation of a noninfectious antigen from the tick-borne encephalitis virus for causing a hemagglutination inhibition reaction [with summary in English]. B. F. Semenov, A. I. Rezepova. Vop. virus. 7 no. 1 55-59 Ja-F '62.

Serological analysis of a defense antigen obtained from B. pertussis by the method of ether-water extraction [with summary in English]. I. A. Lapaeva. Zhur. mikrobiol., epid. i immun. 33 no. 1 103-109 Ja '62.

Specific antigen of human sarcomatous tumors [with summary in English]. V. S. Korosteleva. Biul. eksp. biol. i med. 52 no. 7 81-89 Jl '61

Study of the reactogenic and immunogenic properties of a soluble antigen of R. burneti obtained using ultrasonics [with summary in English]. N. N. Urakov. Vop. virus. 7 no. 1 104-109 Ja-F '62.

ANTIHYALURONIDASE

Interrelation of heparin and tissue antihyaluronidase in the blood serum of patients with mitral stenosis of rheumatic etiology [with summary in English]. E. P. Stepanian, S. A. Kolesnikov. Grud. khir. 2 no. 1 37-43 Ja-F '60.

Relation between transaminase and bacterial antihyaluronidase in the blood serum in mitral stenosis of rheumatic origin [with summary in English]. A. N. Bakulev, E. P. Stepanian. Grud. khir. 2 no. 1 15-20 Ja-F '60

ANTIMISSILE MISSILES see subdivision under United States

ANTIMONY see subdivision under Tien Shan

ANTIMONY-GERMANIUM ALLOYS—ELECTROMETALLURGY

Electrodeposition of tin-germanium and antimony-germanium alloys. S. I. Shlimenko, I. I. Lavrov, S. V. Iakobson. Izv. vys. ucheb. zav., tsvet. met. 5 no. 2: 129-134 '62.

ANTI-NAZI MOVEMENT

"Humanity will rise," short biographies and last letters of the fighters of the Antifascist Resistance." Reviewed by I. Semin. Kommunist 38 no. 5 127-128 Mr '62.

ANTIOXIDANTS

Effect of phenol antioxidants on the assimilation of melted swine fat [with summary in English]. F. E. Budagian, L. I. Smirnova. Vop. pit. 21 no. 2 47-50 Mr-Ap '62.

Use of antioxidants and research on fat transformations in the production of fish meal. L. N. Egorova, V. I. Treshcheva. Ryb. khoz. 37 no. 11 76-81 '61

ANTIQUITIES see Archaeology; also Man, Prehistoric; also subdivision 'Antiquities' under Brazil, Cimmerian Bosporus (Kingdom), Denau District, Don Valley, Geroyevka region, Kharkov Province, Korenkovo region, Kuva, Mongolia, Nezviska region, Oskol Valley, Pokrovka, Astrakhan-Bazar District; Semenovka, Crimea; Sukhumi, Taman', Tigulo-Berezanka region, Transcaucasus; Vetluga District, Zaporozh'ye Province

ANTIRELIGIOUS MUSEUMS see subdivision under Lvov Province

ANTISTREPTOKINASE

Antistreptokinase content of the blood in children during an acute rheumatic attack. Zh. Zh. Rapoport. Kaz. med. zhur. no. 1 72 Ja-F '62.

ANTITOXINS see Toxins and antitoxins

ANTONOV, SERGEI PETROVICH, 1915-

"All this is doubtful..." A. Marchenko. Vop. lit. 6 no. 2 184-185 F '62.

ANTONOVICH, MAKSIM ALEKSEEVICH, 1835-1918

Chernyshevskii or Antonovich?; the problems of the revolutionary and democratic tradition in criticism. A. Lebedev. Novyi mir 38 no. 3 239-254 Mr '62.

ANTS

Trained ants (to be continued). I. A. Khalifman. Les. khoz. 15 no. 1 49-52 Ja '62

Trained ants (conclusion). I. A. Khalifman. Les. khoz. 15 no. 2 43-45 F '62.

ANUS—SURGERY

Possibility of constructing an artificial anus after radical surgery on the rectum in cancer. A. M. Aminev. Vest. khir. no. 9 81-84 '61.

ANYKSTA (LITHUANIA)—ELECTRIC POWER PLANTS

New glory of Anyksta. Viktor Sakk. Smena 39 no. 6 3-6 Mr '62.

AORTA

Effect of the ligature of the abdominal aorta on blood pressure, respiration, and reflex excitability of the spinal cord [with summary in English]. A. B. IAshchenko-Kartseva. Fiziol. zhur. [Ukr.] 7 no. 6 793-802 N-D '62.

AORTA—ABNORMITIES AND DEFORMITIES

Vascular anomalies simulating a mediastinal tumor. A. P. Tiukina. Grud. khir. 1 no. 5 109-110 S-O '59.

AORTA—DISEASES

Dynamocardiographic examination in coarctation of the aorta [with summary in English]. I. N. Ivanitskaia, B. D. Komarov. Grud. khir. 1 no. 5 38-43 S-O '59.

AORTA – DISEASES (Continued)

Electrokymograms of patients with rheumatic mitral and aortic lesions [with summary in English] IU.I Akimov Kardiologiia 1 no 3 58-72 My-Je '61

Oxygen absorption and phosphorylation in heart tissue homogenates in experimental aortic stenosis in the rabbit [with summary in English] M F Vialykh Vop med khim 7 no 6 625-628 N-D '61

AORTA—SURGERY

Alloplastic prostheses for replacing the semilunar aortic valves. A M Geselevich, N S Gorkin, B A Smirnov Grud khir 1 no 4 96-101 Jl-Ag '59.

Hemodynamic and electrocardiographic changes during surgery on the thoracic aorta in an experiment [with summary in English] O K Skobelkin. Grud khir 3 no 6 52-57 N-D '61

Some problems in the surgical treatment of aortic stenosis [with summary in English] B V. Petrovskii, G M Solov'ev Kardiologiia 1 no 3 46-51 My-Je '61.

AORTA—WOUNDS AND INJURIES

Perforation of the aorta in esophageal trauma caused by foreign bodies [with summary in English] E. N Popov Grud khir 1 no 3 91-97 My-Je '59

AORTIC ANEURYSMS

Dissecting aneurysm of the aorta V.IU. Mironchik, V.S. Zalmanenok. Zdrav. Bel. 8 no 1.47-48 Ja '62.

APARTMENT HOUSES

(see also subdivision under Donets Basin; Moscow, Tselinograd, Ukraine)

Apartment houses built of prefabricated room units E. Kapustian. Arkhit. SSSR no. 3-9-18 '62.

Apartment houses with a bearing frame and large room-unit elements A. Zyaman Arkhit SSSR no 3;18-19 '62.

Multistory buildings with duplex apartments. P P. Pozdniakov, I. N Kuskov, E A Vlasova Stroi i arkhit Len. 23 no 11 14-19 N '61

APATITE

Flotation of apatite with synthetic carboxylic acids N. A Aleinikov Obog rud 7 no 1 14-20 '62

APHIDIDAE see Plant lice

APOLLONIA, ALBANIA—CLASSICAL ANTIQUITIES

The Albanian expedition of 1958 N. A Onaiko. Krat soob Inst arkheol. no 83 21-31 '61

APPENDECTOMY

Fatal outcome after appendectomy [with summary in English]. K. K. Ivanov, M. F. Bogatyrev. Sov. med 25 no 2.110-114 F '62

APPENDICITIS

Acute appendicitis in the left position of the appendix and the entire small intestine. N I. TSarev. Vest. khir. no. 8-98-99 '61.

Combination of perforating appendicitis with perforating ulcer of the duodenum V A. Ivanov Vest khir no. 9-127-129 '61

Dystopia of the kidneys, simulating acute appendicitis. V. I. Khrushchev. Khirurgiia no. 3-94-96 '62.

Left appendicitis in a congenital anomaly of the large intestine, S. V Belousov. Sov. med. 25 no. 2 146-147 F '62.

Perforation of a constricted appendix. M. D. Khelemendik. Vest. khir. no. 8;99-100 '61.

Rare complication in acute appendicitis. A. S. Kalugin. Zdrav. Bel. 8 no. 1-61-62 Ja '62.

Strakhov, S. N. [Appendicitis] Appendisit. Moskva, Medgiz, 1961. 27 p. (Nauchno-populiarnaia meditsinskaia literatura)
(DNLM)

Torsion of the ovary and fallopian tube in combination with acute appendicitis in a 10-year-old girl H. G Gataullin. Vop okh mat i det 6 no 12 80-82 D '61.

APPENDICITIS—CASES, CLINICAL REPORTS, STATISTICS see subdivision under Chamzinka District (Mordovia)

APPENDIX (ANATOMY)—ULCERS

Simultaneous perforation of the stomach and vermiform process. I. E. Korzhev. Vest. khir. no. 3;121-122 '62.

APPLE

Embryology of the apple tree. Report No. 1. E. V. Ivanovskaia. Nauch. dokl vys. shkoly, biol nauki no. 1 109-115 '62.

Viability of apple pollen during the development of the flower. V. G. Minaeva. Trudy TSSBS no. 5, 99-104 '61.

APPLE—DISEASES AND PESTS see subdivision under Armenia

APPLE—VARIETIES see subdivision under Buryat-Mongolia; Kirghizistan; Kopet-Dag

APPLE BREEDING

Obtaining apple seedlings from intravarietal crossing as a method for improving the viability of the variety. L. M. Kravchenko. Nauch. dokl. vys. shkoly; biol. nauki no. 1;178-182 '62.

APPROXIMATE COMPUTATION

Approximate solution of a nonlinear problem of the parabolic type G M. Shaidukov. Izv vys. ucheb. zav. mat no 6 132-141 '61

Approximation of functions from $\widetilde{W}_p^{(l)}(D)$ and $W_p^{(l)}(D)$ spaces by continuously differentiable functions. V. P. Il'in. Trudy Mat. inst. 64:61-78 '61.

Approximation of periodic functions by Fejer sums. S. B. Stechkin. Trudy Mat inst 62;48-60 '61

Best approximation and modulus of continuity of functions plotted on the entire real axis. M. F. Timan Izv vys. ucheb zav. mat no 6;106-120 '61

Best approximations attainable in the transformation of Fourier coefficients by the method of the arithmetic mean, and Fourier series with nonnegative coefficients. A. A. Konjushkov. Sib mat. zhur. 3 no. 1.56-78 Ja-F '62.

General method of approximation for solving linear problems V. V. Ivanov Dokl AN SSSR 143 no. 3;514-517 Mr '62

Linear approximation methods for some classes of continuous periodic functions A. V. Efimov Trudy Mat inst. 62;3-47 '61

Melent'ev, P. V. [Approximate computation] Priblizhennyo vychislenila. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1962. 388 p. (Fiziko-matematicheskaia biblioteka inzhenera)

Norms of trigonometric polynomials and the approximation of differentiable functions by linear averages of their Fourier series Part I S. A. Teliakovskii. Trudy Mat inst. 62,61-97 '61

Note on some stochastic approximation processes T P Krasulina Teor veroiat i ee prim 7 no 1 113-118 '62

One approximate method for solving Volterra's integral equations. B. A. Bel'tiukov. Sib mat. zhur. 2 no. 5; 789-791 S-O '61

One variational problem in the theory of approximations Kh M Kogan. Zhur vych. mat i mat fiz 2 no 1 151-154 Ja-F '62

Order of approximation of class Z_n functions by the use of linear positive polynomial operators L I Bausov Usp mat nauk 17 no 1;140-155 Ja-F '62

Piecewise polynomial approximation [with summary in German]. I. Peterson. Izv. AN Est. SSR. Ser. fiz.-mat. i tekh. nauk no. 1, 24-32 '62.

S. N. Bernstein's theorem on the best approximation of continuous functions by entire functions of given degrees. E. A. Bredikhina Izv vys. ucheb. zav. mat. no. 6, 3-7 '61

Some computation schemes for iterative processes. V. E Shamanskii. Ukr. mat. zhur 14 no 1 100-109 '62

Teaching approximate computation in eight-year schools. A V Sutkova. Rad shk. 40 no 3 80-83 Mr '62

Using the asymptotic approximation method for studying the dynamics of the Boisse - Sardou regulator. B. A. Al'tshul' Dokl. AN SSSR 143 no 3;555-557 Mr '62

APSHERON PENINSULA—CABBAGE

Effect of sowing and transplanting time on the vegetation of the common cabbage under conditions prevailing in Apsheron [in Azerbaijani with summary in Russian] N. G Guliadzhaliev. Izv AN Azerb SSR Ser. biol i med nauk no. 11 31-38 '61

APSHERON PENINSULA—OIL FIELD BRINES

Change in the mineralization of waters of the Sub-Kirmaki series in the Apsheron Peninsula in relation to the hypsometric depth of bedding. R. P. Pavlova. Azerb. neft. khoz. 40 no 10;8-9 O '61.

APSHERON PENINSULA—OIL FIELD FLOODING

Flooding the Kirmaki series in the Buzovny-Mashtagi oil field. G A. Mamedov. Azerb. neft. khoz. 40 no 10 26-27 O '61.

APSHERON PENINSULA—OIL WELL DRILLING

Nature of the change in the footage drilled per bit in relation to depth in the Zyrya area. D. S. Kasum-zade and others. Azerb. neft. khoz. 40 no. 10-19-21 O '61.

APSHERON PENINSULA—PETROLEUM—ANALYSIS

Change with the depth of bedding in the specific weight of oils of the Bibi-Eybat oil field, G. V. Rudakov. Azerb. neft. khoz 40 no 10-13-14 O '61.

APSHERON PENINSULA—PETROLEUM AS FUEL

Study of fuel fractions of oil from the Buzovny field [in Azerbaijani with summary in Russian]. M. A. Nurdanov, K G. Veliev, L. M Zeknalova. Azerb. neft. khoz. 40 no. 10,34-37 O '61.

APSHERON PENINSULA—PETROLEUM GEOLOGY

Development of oil-bearing structures in the southeastern part of the Apsheron Archipelago in the lower section of the productive stratum. K. F. Kasumov Dokl. AN Azerb. SSR 17 no. 9;797-802 '61.

Recent data on the oil potential of the Sutakhany series in the Balakhani-Sabunchi-Ramany field. A D. Bagiev, L. B Listengarten, V. S. Sorina. Azerb. neft khoz. 40 no. 10;4-6 O '61.

APSHERON PENINSULA—RECREATION AREAS

District for health resorts and recreation areas on the Apsheron Peninsula. T. Shcharinskii. Arkhit SSSR no. 3;46-48 '62.

ARABIC LITERATURE—HISTORY AND CRITICISM

al-Fakhuri, Hanna. [History of Arabic literature Translated from the Arabic] Istoriia arabskoi literatury. Moskva, Izd-vo inostr. lit-ry.
Vol. 2. 1961. 482 p.

ARAL SEA—HERRING

Fecundity of the Aral herring (Clupea harengus membras L.) N. E. Bykov Vop. ikht 2 no 1-100-104 '62

ARAL SEA—SUBMARINE GEOLOGY

On the bottom of the Aral Sea. A. A. Dreier. Priroda 51 no. 3-58-61 Mr '62.

ARAL SEA REGION—PALEOBOTANY, STRATIGRAPHY

Eocene spore-pollen complex of the western coast of the Aral Sea R. IA. Aburdinova, A. B. Perfil'eva Bot zhur 47 no 2;242-244 F '62.

ARAVAN VALLEY—PETROLEUM GEOLOGY

Outcropping ancient crystalline rocks in the oil regions of the Aravan Valley (Fergana) N. S. Benkovskii Trudy VNIGRI no. 186 307-314 '61

ARBITRATION AND AWARD

"Arbitration in the U S S R" Reviewed by P P Gurevich, M I Ostpova, M. S Fal'kovich Sov gos i pravo 26 no 4.148-150 Ap '62.

Decisions of arbitration agencies. Sov. iust no 24 29-31 '61

"Examination of disputes by state arbitration agencies" by R. F. Kalitratova. Reviewed by N I. Klein Sov gos i pravo 32 no. 4.150-152 Ap '62

Examination of the disputes of business organizations by arbitration courts. A. I. Klimentiev. Sov. gos i pravo 32 no. 3;125-127 Mr '62

Kollin, A. D. [Judicial system and civil procedure of capitalist countries] Sudoustroistvo i grazhdanskii protsess kapitalisticheskikh gosudarstv. Moskva, Vneshtorgizdat.
Pt. 3. [Arbitration] Arbitrazh. 1961. 300 p.

Work of arbitration agencies in the light of the decisions of the 22d Congress of the CPSU A Volin Sov iust no 24 3-6 D '61

ARBUZOV REARRANGEMENT see Rearrangements (Chemistry)

ARC, ELECTRIC see Electric arc

ARCHAEOLOGY

(see also subdivision under Egypt; Latvia; Mediterranean Sea region; also subdivision 'Antiquities' under Brazil, Cimmerian Bosporus (Kingdom); Danau District, Don Valley; Gerasovka region; Kharkov Province; Korenkovo region, Kuya, Mongolia; Nerviska region; Oskol Valley; Pokrovka, Astrakhan Bazar District; Semenovka, Crimea, Sukkuni; Tarasan', Tigulo-Berezanka region, Transcaucasia, Vetluga District; Zaporozh'ye Province)

Marek, K. W. [Gods, graves, and scholars; the story of archaeology. Translated from the German] Bogi, grobnitsy, uchenye, roman arkheologii. Moskva, Izd-vo inostr. lit-ry, 1960. 398 p.
(MID)

ARCHAEOLOGY—BIBLIOGRAPHY see Bibliography - Archaeology

ARCHAEOLOGY—METHODOLOGY

Quantitative method for the establishment of archaeological chronology [with summary in English]. James A. Ford. Sov. etn. no. 1;32-43 Ja-F '62.

ARCHES

Lateral stability of coupled arches with dual curvature IU. V. Krotov. Rasch. prostr. konstr. no. 6.139-149 '61.

ARCHES—VIBRATION

Approximate equations of three-dimensional natural vibrations of arches connected by struts [with summary in English]. V. S. Eremenko. Prykl. mekh 6 no 2.191-199 '62.

ARCHITECTURE

(see also subdivision under Transcarpathia; Ukraine)

Akademiia nauk SSSR. Institut istorii iskusstv. (Yearbook, 1960; architecture and painting] Ezhegodnik, 1960; arkhitektura i zhivopis. Moskva, Izd-vo Akad. nauk SSSR, 1961. 367 p.

Present-day city building and architecture. V. Kucherenko. Kommunist 39 no. 7;23-32 My '62.

Socialist architectural style. K. A. Ivanov. Vop teor arkhit. no. 6 6-25 '60

Speeches. M. G Bolkin and others. Vop. teor. arkhit no.6 65-205 '60

The style and artistic problems of architecture. K. K. Khan-Magomedov. Vop. teor. arkhit. no. 6.44-64 '60.

Style in Soviet architecture. P. A. Volodin. Vop. teor arkhit. no. 6;26-43 '60.

Twenty-second Congress of the CPSU and the tasks of Soviet architects. Arkhit. SSSR no. 3;1-6 '62.

ARCHITECTURE—CONGRESSES

An introductory word G. B. Minervin. Vop teor arkhit no. 6;7-8 '60

ARCHITECTURE, DOMESTIC

Lietuvos TSR Mokslu akademija, Vilna, Statybos ir architekturos institutas. [Walls of dwellings; construction elements from local material for low buildings] Gyvenamuju namu sienos, vietiniu medziagu konstrukcijos mazaaukstei statybai Vilnius, Valstybine politines ir moksliines literaturos leidykla, 1961 81 p. [In Lithuanian]

ARCHITECTURE, MOHAMMEDAN see subdivision under Jordan Valley

ARCHIVES

"Catalogs of the Royal Archives of the 16th century and the archives of the Russian Foreign Office ('Posol'skii prikaz') in 1614 " Reviewed by V. B. Kobrin. Vop ist. no 4:145-147 Ap '62.

We also think that the preservation of cultural monuments should be improved. A. G. Grishanov Ist. SSSR 6 no 1 236-237 Ja-F '62.

ARCHIVES—PERIODICALS see subdivision under Hungary

ARCTIC OCEAN—SUBMARINE TOPOGRAPHY

Recent data on the bottom configuration of the Arctic Ocean. B. V. Tarasov. Probl Arkt i Antarkt no 8 89-90 '61.

ARCTIC REGIONS—ATMOSPHERIC PRESSURE

Characteristics of the distribution of pressure anomalies in the Arctic during different circulation periods A. A. Gira, N. F Polysalova Trudy AANII 240:147-152 '61

ARCTIC REGIONS—ATMOSPHERIC TEMPERATURE

Characteristics of variations in the mean monthly temperature of the air in the Soviet Arctic M Sh Bolotinskaia Trudy AANII 240:209-218 '61

ARCTIC REGIONS—CONSTRUCTION EQUIPMENT

Mechanization of construction work in the Far North. V. T. Ozhiganov, G. N. Khlebodarov. Mekh. stroi. 19 no. 3 13-15 Mr '62.

ARCTIC REGIONS—CYCLONES

Arctic anticyclones and their relation to the upper planetary front zone and jet streams S. T Serlapov Trudy AANII 235 5-36 '61.

Directions of velocities of cyclone and anticyclone movement in the Arctic. A I Ragozin, K. I. Chukanin Trudy AANII 235,37-46 '61.

Prevailing cyclone paths in the Arctic during basic atmospheric circulation patterns A I Ragozin, K. I Chukanin Trudy AANII 240 163-176 '61

ARCTIC REGIONS—DIVING, SUBMARINE

Work under ice during explorations in the central Arctic. S. T. Serlapov Probl Arkt i Antarkt no 8 90-91 '61

ARCTIC REGIONS—ICE—THERMAL PROPERTIES

Heat transmission through the ice cover in the central Arctic. IU L. Nazintsev. Probl Arkt. i Antarkt no.8 37-45 '61.

ARCTIC REGIONS—JET STREAM

Arctic anticyclones and their relation to the upper planetary front zone and jet streams. S. T Serlapov. Trudy AANII 235.5-36 '61

ARCTIC REGIONS—MAGNETISM, TERRESTRIAL—OBSERVATIONS

Determining the declination in different fields of the horizontal component R. M. Galkin, A. I Delarov Probl. Arkt i Antarkt no. 8.91-93 '61.

ARCTIC REGIONS—METEOROLOGY

Diagnosis of atmospheric circulation patterns M. Sh. Bolotinskaia Trudy AANII 240:68-84 '61.

Sequence of types of synoptic processes in the Arctic as related to the transformation of basic atmospheric circulation patterns. L. A. Dydina. Trudy AANII 240. 68-87 '61

ARCTIC REGIONS—OCEAN TEMPERATURE

Turbulent heat exchange between the sea surface and the atmosphere and heat losses through evaporation in Arctic seas. B. A. Kagan. Probl. Arkt. i Antarkt. no 8: 78-84 '61.

ARCTIC REGIONS—RAILROADS—SNOW PROTECTION AND REMOVAL

Snow protection of tracks under the conditions of the Arctic regions. A. A. Komarov Put' i put. khoz. 6 no. 3 18-19 Mr '62.

ARCTIC REGIONS—RUSSIAN EXPLORATION

Exploration of polar countries during the first seven-year period. A. F. Treshnikov. Probl Arkt i Antarkt no. 8 5-9 '61.

ARCTIC REGIONS—SEA ICE

Some results of studying the ice drift by the use of drifting radio beacons. Z. M. Gudkovich, A. IA. Nikolaeva Probl. Arkt. i Antarkt. no. 8 11-17 '61.

Work under ice during explorations in the central Arctic S. T. Serlapov Probl. Arkt i Antarkt no. 8 90-91 '61

ARCTIC REGIONS—WEATHER RESEARCH

Weather research expedition A. I. Voskresenskii Probl Arkt. i Antarkt no. 8:100-101 '61.

ARFVEDSONITE see subdivision under Bazhenovo region (Sverdlovsk Province)

ARGENTINA—AGRICULTURE—ECONOMIC ASPECTS

Agrarian problem in Argentina. L. Garcia. Ekon. sel'khoz. 33 no. 1 116-120 Ja '62

ARGENTINA—SURVEYING

Geodetic operations in capitalistic countries, from national reports presented at the 12th General Assembly of the International Union of Geodesy and Geophysics in Helsinki, 1960. Geod i kart. no 2 63-69 F '62

ARGENTINA—WHEAT

Certain varieties of commercial wheat from Argentina, L. Novikova. Muk.-olev.prom. 28 no.2 31 F '62.

ARGENTOV, ANDREI

Andrei Argentov's journey to northeastern Siberia in 1851. B. A. Val'skaia. Strany i nar. Vost. no. 2 172-187 '61.

ARGON

Secondary emission during the bombardment of molybdenum by neutral atoms and ions of argon. U. A. Arifov, R. R. Rakhimov, Kh. Dzhurakulov. Dokl. AN SSSR 143 no 2:309-311 Mr '62.

ARGUN VALLEY—GEOLOGY, STRATIGRAPHIC

Stratigraphic position and age of the Nerchinskiy Zavod series in the Argun Valley (eastern Transbaikalia) G. I Knlazev, B V Timofeev Trudy VNIGRI no 186 109-121 '61

ARGUNOV, NIKOLAI IVANOVICH, 1771-1829

N. I. Argunov's technique in portrait painting. A. Vinner, A. Laktionov. Iskusstvo 25 no. 2:58-63 '62.

ARITHMETIC—PROBLEMS, EXERCISES, ETC.

So-called "intelligence problems" in the arithmetic course A. IA. Khinchin. Mat pros. no 6 29-36 '61.

ARITHMETIC—STUDY AND TEACHING

Encouraging student participation in arithmetic lessons U I Logacheva Nach shkola 30 no 4:37-39 Ap '62

Notation of numbers in different reckoning systems in grade 5 of secondary schools (11-12 yrs.) N. E. TSitsishvili. Soob. AN Gruz SSR 28 no. 2:249-256 F '62.

Sample test papers. N Popov. Nach shkola 30 no. 4 78-86 Ap '62.

Test of the experimental study of a psychological law under the conditions of teaching. Report No. 2. Various applications of the law of differentiation of complex objects for the elimination of sign mistakes in arithmetic examples. B. B. Kossov. Dokl. APN S no 4: 85-89 '61.

Test of the experimental study of a psychological law under the conditions of teaching. Report No. 3. Using the law of differentiation of complex objects in teaching arithmetic operations within the limit of the first ten numbers. B. B. Kossov. Dokl. APN S no. 4:89-93 '61

ARIZONA—COESITE

Coesite in nature. D. N. Khitarov. Priroda 51 no. 3. 79-80 Mr '62.

ARKHANGEL'SKII, PETR PORFIR'EVICH, 1893-1960

In memory of Petr Porfir'evich Arkhangel'skii, 1893-1960. V. V. IAkhontov. Ent. obozr. 10 no. 3: 710-712 '61.

ARM

Change in the width of the interosseous ligament during the process of rotation and its role in the functioning of the forearm. M. M. Mir-Kasimov. Ortop., travm. i protez. no. 2 26-30 '62.

ARM—BLOOD SUPPLY

Congenital arteriovenous aneurysm of the left forearm, simulating a traumatic aneurysm. E M. Khodiev, A. G. Struganova. Med. zhur. Uzb. no. 1:87-88 Ja '62.

ARM—FRACTURE

Late results of conservative treatment in fractures of the bones of the forearm. V. I. Ivanov. Sov. med. 25 no 2 71-74 F '62.

ARMENIA—ALYSSUM

A new species of Alyssum from Armenia. V. E. Avetisian. Izv. AN Arm. SSR. Biol. nauki 14 no. 11:93-95 N '61.

ARMENIA—APPLE—DISEASES AND PESTS

Apple-fruit miner (Argyresthia conjugella Zell.) and its control in the Armenian S. S. R. S. A. Mirzoian. Izv. AN Arm. SSR, Biol. nauki 14 no. 11:53-64 N '61.

ARMENIA—ATLASES

Atlas of the Armenian Soviet Socialist Republic. G. N. Sarkisian. Izv. AN Arm. SSR. Geol. i geog. nauki 15 no. 1:87-90 '62.

ARMENIA—BEETLES

IAblokov-Khnzorian, S. M. [Reproducing the genesis of the fauna of coleopterans in Armenia] Opyt vossianovleniia genezisa fauny zhestkokrylykh Armenii. Erevan, Izd-vo Akad. nauk Armianskoi SSR, 1961. 263 p.

ARMENIA—COMMUNIST PARTY OF THE SOVIET UNION

Some problems in the history of the Communist Party of Armenia. G. Obichkin, G Shanshiev, L. Shaumian. Kommunist 39 no. 6:78-86 Ap '62.

ARMENIA—CONSTRUCTION INDUSTRY—COSTS

Khorasanian, G. A. [Economics of large-panel house building in Armenia] Ekonomika krupnopanel'nogo domostroeniia v Armenii. Erevan, Izd-vo Armianskoi SSR, 1961. 137 p.

ARMENIA—CULTURE

Shaginian, M. S. [On Armenian literature and art] Ob armianskoi literature i iskusstve Erevan, Izd-vo AN Armianskoi SSR, 1961 227 p

ARMENIA—FESTIVALS

[The 40th anniversary of Soviet Armenia] 40 let Sovetskoi Armenii. Erevan, Aipetrat, 1961 208 p.

ARMENIA—FLOOD FORECASTING

Role of the snow cover of the main high-mountain region in the formation of spring floods in rivers of the Armenian S S R A A Pogosian Trudy Tbil NIGMI no 9 78-79 '61

ARMENIA—GEOLOGICAL TIME

New data on the age of volcanic sedimentary formations in the northern and northeastern parts of the Armenian S.S.R. G.M Akopian, D A.Oganesian Izv.AN Arm. SSR Geol.i geog.nauki 14 no.6 33-40 '61

ARMENIA—GEOLOGY

Development of geology in Armenia in the light of the decisions of the 22d Congress of the CPSU. Izv.AN Arm.SSR.Geol.i geog.nauki 14 no 6 3-6 '61.

ARMENIA—GEOLOGY, ECONOMIC

Structure and mineralization of the Maymekh-Tandzut tectonic zonule. A R.Arutiunian. Izv.AN Arm.SSR Geol.i geog.nauki 14 no.6:7-15 '61

ARMENIA—GRAPES

Effect of gibberellin on the fruit bearing of grapevines in Armenia. M Kh Chailakhian, M. M. Sarkisova, V G Kochankov. Izv AN Arm SSR Biol nauki 14 no 12 39-54 D '61.

ARMENIA—HEALTH RESORTS, WATERING PLACES, ETC.

Studying landforms in health resort research. A B. Bagdasarian. Izv.AN Arm.SSR.Geol.i geog.nauki 14 no.6,63-70 '61.

ARMENIA—MAPS

"Atlas of the Armenian Socialist Republic," edited by A. B. Bagdasarian Reviewed by M. B. Vol'f, E. M. Murzaev Izv. AN SSSR Ser. geog no. 2:133-137 Mr-Ap '62

ARMENIA—NEMATODA

Detection of the helminth Hystrichis tricolor (Dujardin, 1845) in the Armenian S.S.R. (Nematoda Dioctophymidae) [in Armenian with summary in Russian]. K S. Akhunian. Izv AN Arm.SSR. Biol nauki 15 no.2 95-98 '62.

ARMENIA—OAK—DISEASES AND PESTS

Materials on the microflora of oak in the Armenian S.S.R. E.S Arutiunian. Izv.AN Arm.SSR Biol.nauki 15 no.2:71-80 '62.

ARMENIA—ORE DEPOSITS

Some data on the primary halo of dispersion in the Akhtala deposit. Sv.S.Mkrtchian. Izv.AN Arm.SSR Geol.i geog.nauki 14 no.6:77-82 '61.

ARMENIA—PEACH

Form of nitrogen in peaches and their preserves D. M. Bekirski Izv. AN Arm. SSR. Biol nauki 14 no 12 91-96 D '61.

ARMENIA—PHEASANTS

Acclimatization of game pheasants in the Armenian S. S. R. K. A. Airumian. Izv. AN Arm. SSR. Biol. nauki 14 no. 11. 45-51 N '61.

ARMENIA—RADIOBIOLOGY

Visit of American radiobiologists in Armenia. K. A. Klandarian Vop. radiobiol. [AN Arm SSR] 1:259 '60

ARMENIA—SOILS

Radioactivity of the surface layer of soils in some regions of the Armenian S. S. R. G. P. Petrosian and others. Vop. radiobiol. [AN Arm SSR] 1:225-227 '60.

ARMENIA—TELLURIDES

Tellurides in the ores of the Ankavan deposit. A.I. Karapetian. Izv.AN Arm.SSR.Geol.i geog.nauki 14 no.6:51-62 '61.

ARMENIAN LITERATURE—COLLECTIONS

[Selected pages from Soviet Armenian literature; prose] Izbrannye stranisy sovetskoi armianskoi literatury, proza [Sostavili, V. Grigorian, S. Palazat.] Erevan, Armgosizdat, 1960. 512 p.
(NN)

ARMENIAN LITERATURE—HISTORY AND CRITICISM

Grigorian, Rachiia [Maiakovskii and Armenian literature] Maiakovskii i armianskaia literatura. Erevan, Armianskoe gos. izd-vo, 1956. 229 p.
(NNC)

Shaginian, M. S. [On Armenian literature and art] Ob armianskoi literature i iskusstve. Erevan, Izd-vo AN Armianskoi SSR, 1961. 227 p.

ARMIES see also subdivision 'Army' under Cambodia, Czechoslovakia, Russia, United States

ARMORED VEHICLES
Savchenko, S. S., and A. F. Grechikhin. [Firing from an armored carrier] Strel'ba s bronetransportera. Moskva, Voen. izd-vo M-va oborony SSSR, 1962. 83 p.

AROMATIC PLANT PRODUCTS see Essences and essential oils

AROMATIZATION
Catalytic dehydrocyclization of α-alkylnaphthalenes. V. I. Shuikin, L. A. Litvanskaia. [Akad. Nauk Azerb. SSR] Zhur. ob. khim. 32 no. 3 823-827 Mr '62.

ARRHYTHMIA
Experimental reproduction of cardiac arrhythmia [with summary in English]. E. B. Babskii, L. S. Ul'ianinskii. Pat. fiziol. i eksp. terap. 6 no. 1, 10-15 Ja-F '62.
Phonocardiographic method for diagnosing stenosis of the left atrioventricular orifice in atrial fibrillation and flutter. L. M. Fitilova. Grud. khir. 1 no. 5 31-38 S-O '59.
Ventricular fibrillation and electrical defibrillation [with summary in English]. G. M. Solov'ev. Grud. khir. 2 no. 1, 20-25 Ja-F '60.

ARSENIC
Conductivity of the arsenic - selenium - thallium system in a glassy state [with summary in English]. R. L. Miuller, T. P. Markova. Vest. LGU 17 no. 4 75-89 '62.

ARSENIC—THERAPEUTIC USE
Complications in the treatment of syphilis with oxomonovocillan, arsenic-containing drugs, and salts of heavy metals. R. A. Kapkaev. Med. zhur. Uzb. no. 4 64-66 Ap '60.

ARSENIC SELENIDE
Study of the Bi_2Se_3 - As_2Se_3 section of the Bi - As - Se ternary system. F. I. Arembash, F. S. Vigileva, N. P. Luzhnaia. Zhur. neorg. khim. 7 no. 2 346-350 F '62.

ARSENIOUS ACIDS
α-Alkyl derivatives of allyl and crotonyl esters of arsenious acid. Gul'm Kamal, R. K. Zaripov. Dokl. AN SSSR 143 no. 4 859-862 Ap '62.

ARSENOLITE see subdivision under Gul'shad region

ARSK DISTRICT—AGRICULTURE—SAFETY MEASURES
Prevention of agricultural accidents in the Arsk District of the Tatar A.S.S.R. V. V. Golubev. Kaz. med. zhur. no. 1 87-89 Ja-F '62.

ARSLANBOB REGION—BOTANY
Anatomic structure of herbaceous ombrophytes of the walnut forests of Arslanbob and helophytes of adjacent meadow-steppes. E. A. Mokeeva. Trudy TashGU no. 187 118-139 '61.

ART
(see also subdivision under Moscow; Pushkin)
Alpatov, M. V., and N. N. Rostovtsev, comps. [Art; a book on the history of painting, sculpture, and architecture] Iskusstvo, kniga dlia chteniia po istorii zhivopisi, skul'ptury, arkhitektury. Izd. 2., ispr. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 518 p. illus.
Brief notes. Iskusstvo 25 no. 2: 77-80 '62.
Zmuidzinavicius, A. [Palette and life] Palete ir gyvenimas. Vilnius, Valstybine grozines literaturos leidykla, 1961. 414 p. [In Lithuanian]

ART—BIBLIOGRAPHY see Bibliography—Art

ART—CATALOGS
[Chronicle of fine arts] Let. izobr. isk. no. 1 '62.

ART—PERIODICALS
Looking over foreign periodicals... Iskusstvo 25 no. 2: 74-77 '62.

ART—PHILOSOPHY
Art brings us together. V. Kasiian. Ukraina no. 6 8 Mr '62.
Capitalism is the enemy of art. Z. Apresian. Mol. komm. no. 3 115-124 Mr '62.
The role of art in the building of communism [with summary in English]. L. I. Novozhilova. Vest. LGU no. 5: 85-96 '62.

ART—TECHNIQUE
Akademiia khudozhestv SSSR. [School of the fine arts; in nine parts] Shkola izobrazitel'nogo iskusstva v deviati vypuskakh. Moskva.
No. 3. 1961. 192 p.

ART, ABSTRACT
"Connoisseurs, artists, and charlatans" [in German] by Richard W. Eichler. Reviewed by A. Chlenov. Iskusstvo 25 no. 2: 71-72 '62.

ART, GREEK see subdivision under Cimmerian Bosporus (Kingdom)

ART, UKRAINIAN
[Artists of Transcarpathia] Khudozhnyky Zakarpattia. Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry URSR, 1961. 17 p. plates.

ART AND COMMUNISM see Communism and art

ART AND SOCIETY
Inspiration excludes indifference. S. Konenkov. Mol. komm. no. 4: 102-106 Ap '62.

ART GALLERIES AND MUSEUMS see subdivision under Moscow

ART INDUSTRIES
(see also subdivision under Ukraine)
Travel into modernity. P. Golubev. Smena 39 no. 6: 28-30 Mr '62.

ARTEK VALLEY—BIRDS
Migratory and wintering birds of the lower Artek River. A. V. Samorodov. Nauch. dokl. vys. shkoly, biol. nauki no. 1 32-33 '62.

ARTEM ISLAND—OIL WELLS—EQUIPMENT AND SUPPLIES
Practice of using gas anchors in fields of the Oil Field Administration of the Artem Petroleum Trust. I. M. Dzhamalov, I. A. Gasanov. Azerb. neft. khoz. 10 no. 10 31-32 O '61.

ARTERIES
Rare forms of the truncus arteriosus. A. D. Dzhagarian, L. D. Krymskii. Grud. khir. 2 no. 1: 45-48 Ja-F '60.

ARTERIES—ABNORMITIES AND DEFORMITIES
Cases of variations of certain arteries in man. N. A. Dadov, S. I. Knaskin. Med. zhur. Uzb. no. 4: 71 Ap '60.

ARTERIES—DISEASES
Data on the comparative evaluation of the results of treating endarteritis obliterans by intra-arterial administration of some medical substances. T. K. Kukeev. Zdrav. Kazakh. 21 no. 12: 8-13 '61.
Indications for restorative operations in thrombo-obliterating arterial diseases of the lower extremities in the light of clinical and anatomical comparisons [with summary in English]. I. G. Dutkevich. Vest. khir. no. 8: 40-45 '61.
Novocaine block of the third left thoracic sympathetic ganglion in the compound treatment of endarteritis obliterans. N. P. Nikov. Kaz. med. zhur. no. 5: 28-31 S-O '61.
Shabanov, A. N., and L. S. Soskin. [Endarteritis obliterans] Obliterirushchii endarterit. Izd. 2. Moskva, Medgiz, 1961. 42 p. (Nauchno-populiarnaia meditsinskaia literatura)
(DNLM)
Significance of arteriography and oscillography in endarteritis obliterans. M. F. Musin. Kaz. med. zhur. no. 5: 31-34 S-O '61.
Significance of increased sensitivity of the carotid sinus in some surgical diseases [with summary in English]. P. P. Alekseev. Vest. khir. no. 9: 85-88 '61.

ARTERIOSCLEROSIS
Clinical morphological characteristics of a latent form of arteriosclerotic myocardiosclerosis (without hypertension). E. N. Agapova. Klin. med. no. 3 118-125 '62.
Combined use of sex steroid hormones in the climacteric syndrome in patients with hypertension and arteriosclerosis [with summary in English]. E. M. Vikhliaeva, V. I. Kalmykova. Klin. med. no. 3, 105-112 '62.
Comparative morphology of the coronary arteries in arteriosclerosis, rheumatic and acute infectious coronaritis. Iu. S. Kozachuk. Vrach. delo no. 8: 83-86 Ag '61.
Content of lipoproteins in the blood serum in coronary atherosclerosis and hypertension. K. R. Sedov. Sov. med. 25 no. 2: 30-33 F '62.
Effect of acute fat loads on blood serum lipoids in clinically normal subjects and in atherosclerosis in elderly and senile patients [with summary in English]. V. I. Kalmykova. Terap. arkh. 34 no. 2: 31-36 '62.
Effect of certain external factors on blood lipids [with summary in English]. G. A. Glezer, L. A. Miasnikov. Kardiologiia 1 no. 3: 35-38 My-Je '61.
Effect of citral on the content of glycoproteins and lipoproteins during the development of experimental atherosclerosis [with summary in English]. L. S. Tarasova. Vop. med. khim. 7 no. 6: 585-592 N-D '61.
Effect of some plant oils on the level of cholesterol and lecithin in the blood in arteriosclerosis [with summary in English]. A. M. Pleshkov. Klin. med. no. 3: 126-130 '62.
Effectiveness of treating arteriosclerosis with an iodine tincture of sour milk or kefir in combination with ascorbic acid. L. G. Kharchenko, V. M. Dokshitskaia-Zaton. Vrach. delo no. 8: 117-118 Ag '61.
Heparin in the blood and the clearing factor in atherosclerosis [with summary in English]. B. M. Lipovetskii. Terap. arkh. 34 no. 3: 46-52 '62.
Lumbar sympathectomy in atherosclerosis obliterans. M. M. Zobina. Vest. khir. no. 8: 45-48 '61.
Occupational factors (industrial poisons) and atherosclerosis. M. A. Kovnatskii. Gig. i san. 26 no. 9: 62-69 S '61.
Problems of hypertension, sterosclerosis and coronary insufficiency at the Twelfth Scientific Session of the Institute of Therapy of the Academy of Medical Sciences of the U. S. S. R. (January 28-30, 1961 in Moscow). I. Kh. Kantserov, F. T. Krasnoperov. Kaz. med. zhur. no. 5: 94-95 S-O '61.
Problems of medical examinations to determine the working capacity of persons with cerebral arteriosclerosis. B. F. Zimovskii. Vrach. delo no. 2: 121-126 F '62.
Technic for surgery in arteriosclerotic stenosis of the internal carotid artery of the neck region [with summary in English]. E. I. Zlotnik, S. F. Sekach. Vop. neirokhir. no. 2: 7-9 '62.
Therapeutic effect of the sodium salt of phenylethylacetic acid, vanadyl sulfate, and their combinations in experimental atherosclerosis. V. V. Kozlov. Dokl. AN SSSR 143 no. 3: 734-736 Mr '62.
Therapeutic significance of vitamin B_{12} in atherosclerosis [with summary in English]. G. K. Lavskii, I. I. Pushkina. Terap. arkh. 34 no. 3: 52-54 '62.

ARTHRITIS, RHEUMATOID
C-reactive protein in rheumatism and rheumatoid arthritis. N. I. Vinogradov, P. M. Pashkin. Terap. arkh. 33 no. 2: 52-56 '62.
Felty's disease. A. A. Greiman, P. I. Bulat. Zdrav. Ros. 6 no. 1: 45-47 Ja '62.
Mixed forms of rheumatic fever in infectious nonspecific polyarthritis. R. M. Benkhin, M. I. Dimant. Vrach. delo no. 8: 116-117 Ag '61.
So-called silicoarthritis. A. P. Kurapeta. Terap. arkh. 34 no. 2: 112-113 '62.

ARTHRODESIS
Graft closing the arches for a lumbar arthrodesis. Josef Hirsch. Ortop., travm. i protez. no. 2: 30-33 '62.

ARTIFICIAL FUR see Fur, Artificial

ARTIFICIAL HIBERNATION
Effect of general cooling and hibernation on the resistance of vital functions in animals subjected to critical death from acute hemorrhage [with summary in English]. V. I. Soboleva. Pat. fiziol. i eksp. terap. 6 no. 1: 28-33 Ja-F '62.
Use of a neurovegetative blockade in the surgical treatment of goiter. V. M. Prokhorov, F. V. Nurkevich. Zdrav. Bel. 8 no. 1: 43-44 Ja '62.

ARTIFICIAL RESPIRATION
"Apparatus for artificial respiration" by V. A. Negovskii. Reviewed by G. V. Alipov, K. F. Dogaeva. Khirurgiia 1 anest. 6 no. 5, 59-60 S-O '61.
New method of artificial respiration in first aid treatment. M. A. Kudriavtsev. Med. sestra 21 no. 1, 41-42 Ja '62.
Use of cimaretine preparations in combination with endotracheal respiration in severe forms of tetanus [with summary in English]. I. M. Popova and others. Klin. med. no. 3 75-80 '62.

ARTIFICIAL SATELLITES
Radio lighthouses over our planet. F. Cheatnov. Znaniia - sila 11 no. 2 4-6 F '62.
[Results of observations of American artificial earth satellites] Rez. nabl. amer. isk. sput. Zem. nos. 9-11 '61.
Siderenfeld, A. A. [Artificial satellites] Iskusstvennye sputniki. Izd. 2., perer. i dop. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1958. 295 p.
(CLU)

ARTIFICIAL SATELLITES—RADIO OBSERVATORIES
Reconnoissance for radar stations by means of artificial earth satellites (as revealed by foreign press data). V. N. Chernyshev. Vest. protivovozd. obor. no. 12 57-59 D '61.

ARTIFICIAL SATELLITES—TRACKING
Determining the azimuth and the altitude of the satellite at its maximum brightness. B. F. Tumanian. Biul. sta. opt. nabl. isk. sput. Zem. no. 23 7-8 '61.
Determining the brightness of a satellite by photometric measurements. D. I. Stepanov. Biul. sta. opt. nabl. isk. sput. Zem. no. 23 15-17 '61.
Determining the individual error of the observer in evaluating the passing of an artificial earth satellite through the AT thread. V. Kh. Pluzhnikov, B. F. Shcheskul, E. F. Chaikovskii. TSir. Astron. obser. Khar. un. no. 24, 33-36 '61.
Graphic control of visual observations of artificial earth satellites by means of gnomonic map lattices. A. A. Zaitsev, A. I. Sazhkhanov, V. G. Chervatiuk. Biul. sta. opt. nabl. isk. sput. Zem. no. 23 3-6 '61.
Improving devices for the observation of satellites. A. M. Isaev. Biul. sta. opt. nabl. isk. sput. Zem. no. 23 13-15 '61.
Multiple timing in observing satellites on the AT-1 telescope. V. Merkushev. Biul. sta. opt. nabl. isk. sput. Zem. no. 23 11-13 '61.
Observations of satellites with a transit instrument. V. Merkushev. Biul. sta. opt. nab. isk. sput. Zem. no. 23 8-11 '61.
Practice of visual observation of artificial satellites. N. N. Kirsanova. Biul. sta. opt. nabl. isk. sput. Zem. no. 23 19-20 '61.
[Results of observations of Soviet artificial earth satellites] Rez. nabl. sov. isk. sput. Zem. nos. 36, 44 '61.
Results of photographic observations of artificial earth satellites. N. N. Kirsanova and others. Biul. sta. opt. nabl. isk. sput. Zem. no. 23 21-25 '61.

ARTIFICIAL TEETH see Teeth, Artificial

ARTILLERY, FIELD AND MOUNTAIN

Artillery operations V. Vladimirov Voen vest 41 no 12 35-38 D '61

Battery in an attack from the march. M Pankov Voen vest. 41 no 2:26-28 F '62

Coordination of a battery M. Chernyshov. Voen. vest 41 no. 2 68-71 F '62.

Every shot on target. V. Titarenko Voen vest. 41 no. 12 107-108 D '61

In deep snow on steep ascents. V Groshev. Starsh - serzh no 12,10 D '61

Servicing a recoil mechanism. G. Trofiskii. Starsh. - serzh no 12-30 D '61

ARTISTS

IAkovlev, V N. [On famous Russian artists; literary-art notes] O velikikh russkikh kudozhnikakh; literaturno-khudozhestvennye zametki. [Izd. 2., dop.] Moskva, Izd-vo Akad. khudozh. SSSR, 1962. 141 p., illus

ARTYUKHOVO (TAMAN PENINSULA)—CLASPS

Silver buckle from the Artyukhovo mound M I Maksimova Kratk soob Inst arkheol. no 83 139-141 '61.

ARUVI ARU VALLEY—ENGINEERING GEOLOGY

Weathered surface of Archean rocks in Ceylon and its significance for engineering geology as revealed by the hydroelectric power station on the river Malvatu Oya G S Zolotarev Izv vys ucheb zav., geol i razv 5 no 2 61-70 F '62

ARYANS see subdivision under India

ASANOV, NIKOLAI ALEKSANDROVICH, 1906-

"Magic stone" by N. Asanov. Reviewed by O. Zhdanko V mire knig 2 no. 2 30 F '62.

ASBESTOS

Grushman, R. P., and A. G. IAshina. [Asbestos-paper cord; practice in the manufacture and use of the new heat-insulating material] Asbestobumazhnyi shnur, opyt izgotovleniia i primeneniia novogo teploizoliatsionnogo materiala. Leningrad, 1962. 8 p. (Leningradskii Dom nauchno-tekhnicheskom propagandy. Obmen peredovym opytom. Seriia: Stroitel'naia promyshlennost', no. 1)

Polnarkov, A. S. [General technology of asbestos fiber spinning] Obshchaia tekhnologiia priadeniia asbestovogo volokna. Moskva, Izd-vo nauchno-tekhn.lit-ry RSFSR, 1961. 256 p

Prospects of the use of asbestos ballast L K Gromov Put' i put khoz 6 no 3 5-6 Mr '62.

ASBESTOS—STORAGE

Convenient capacity of warehouses holding ore for asbestos-enriching plants M. A. Belov, A S Ognev Strol mat 8 no 2:17-18 F '62

ASBESTOS—TOXICOLOGY

Asbestosis [with summary in English]. P P. Dvizhkov Arkh. pat. no. 3 3-13 '62.

ASBESTOS CEMENT

Sataln, V. I., and V. A. Akopian. [Asbestos-cement industry; its present state and the prospects for its development] Asbestotsementnaia promyshlennost'; sostoianie i perspektivy razvitiia. Moskva, Gos. Izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 206 p.

Shapiro, M. S., and M. P. Smirnov. [Equipment for asbestos-cement production] Oborudovanie asbestotsementnogo proizvodstva. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 155 p.

ASBESTOS CEMENT ROOFING see Roofing, Asbestos cement

ASCARIDS AND ASCARIASIS see subdivision under Tajikistan

ASCORBIC ACID

Content of nucleic acids, ascorbic acid and some phosphorus compounds in guinea pigs during the reparative regeneration of skeletal muscles [with summary in English]. A. V Zakharova, L. P. Turlikova, A. V. Tkachenko. Vop. med khim 7 no 6, 608-614 N-D '61.

Data on the effect of aminazine on some aspects of the metabolism of ascorbic acid and adrenaline in animals capable and incapable of synthesizing vitamin C [with summary in English]. E. I. Lipovetskaia. Vop. pit. 21 no. 2:81-84 Mr-Ap '62.

Effect of ascorbic acid on the protective and therapeutic action of gallates in acute radiation sickness. A A. Goredetskii, V A. Rarabot Vrach. delo no 2 96-98 F '62.

Effect of overheating on changes in the content of ascorbic acid in blood and organs of albino rats. E. L. Perel'man, F. F. Sultanov Izv. AN Turk SSR. Ser biol. nauk no 1 48-53 '62

Effect of various degrees of soil salinization on the ascorbic acid content of cotton L. A. Pollanskaia. Izv. AN Turk SSR. Ser biol. nauk no. 1 9-13 '62

Experimental verification of the methods for preparing colored vegetable extracts, recommended by L. G. Bregetova for determining their content of ascorbic acid. D. I. Bolliaev. Vop pit. 21 no. 2:85-86 Mr-Ap '62.

Influence of hyaluronidase inhibitors on diuresis [with summary in English]. A G Ginetsinskii, V. F. Vasil'eva. Biul eksp biol. i med 52 no 7:3-5 Jl '61

New possibilities of increasing heat resistance of the body in the light of experimental data. F. T. Agarkov Pat. fiziol. i eksp. terap 6 no 1 70-73 Ja-F '62

Role of ascorbic acid in the mechanism of development of artificial hypothermia [with summary in English] K. V Ostashkov Biul eksp biol i med 52 no. 7 54-57 Jl '61.

Vitamin C in the plant products of Alma-Ata Province Report No. 1. N S Kuchinskaia Zdrav Kazakh 22 no 1 62-65 '62

Vitamin C shortage at different locations of cancer and the effect of saturation on the patient's condition. S. B Tagi-Zade. Izv. AN Azerb. SSR. Ser. biol i med. nauk no. 11 135-139 '61.

Ways of using microorganisms in the synthesis of vitamin C Z. G. Razumovskaia Mikrobiologiia 31 no 1 172-178 Ja-F '62.

ASCORBIC ACID—PHYSIOLOGICAL EFFECT

Effect of dibasol and ascorbic acid on the heat resistance of rats trained to endure heat and hypoxia F T. Agarkov Gig truda i prof zab. 5 no 6 53-54 Je '61

ASCORBIC ACID—THERAPEUTIC USE

Effectiveness of treating arteriosclerosis with an iodine tincture of sour milk or kefir in combination with ascorbic acid L G Khachenko, V M Dokshitskaia-Zaton Vrach delo no 8 117-118 Ag '61.

ASH (TREE)

(see also subdivision under Latvia)

Stratification of the seeds of the Manchurian ash in trenches V N. Korkina Les. khoz. 15 no 2 70-71 F '62

ASH DISPOSAL

Automatic washing of the rods of wet MP-VTI ash traps V N Mamin Elek sta 33 no 1 78-80 Ja '62

Design of the ash and slag conducting pressure pipelines of electric power plants L K IAFimov, N E Tumanov, A. M. Knazev Elek sta 33 no 1 14-18 Ja '62

ASHKHABAD—HOUSING

A man and an apartment. F. Ogul'durdyeva. Sov. deput. trud no. 3,31 Mr '62.

ASHKHABAD—IONOSPHERE

State of the ionosphere over Ashkhabad in June 1960 M. Berkeliev, N M. Erofeev, M B Stepanova Izv AN Turk SSR Ser fiz -tekh , khim i geol nauk no 6 107-110 '61.

ASIA—BIBLIOGRAPHY

[New Soviet and foreign literature on the countries of the non-Soviet East] Nov. sov. i inostr. lit. po stran. zarub. Vost. nos 11-12 '61.

ASIA—LABOR AND LABORING CLASSES

Position of the working class in the economically underdeveloped countries of Asia and Africa; using India and the United Arab Republic as an example [with summary in English, pp 224-225] L. A. Gordon, L. A. Freedman Nar Azii i Afr. no 1:30-48 '62

Rapid development of the labor movement in Asia and Africa Kommunist 30 no 6 103-111 Ap '62

ASIA—POLITICS

The two faces of one class (to be continued). Vl. Li. Az. i Afr. seg. no. 3 6-9 Mr '62.

ASIA—TRADE UNIONS

"Trade unionism in the underdeveloped countries" [in English] by S. Ghosh Reviewed by S. N. Rostovskii, A. I. Ionova. Nar. Azii i Afr no. 1 171-173 '62.

ASIA, CENTRAL—GEOGRAPHICAL RESEARCH

E. P. Korovin's views on geography. A. A. Azatlian, Z. N. Dontsova. Trudy TashGU no. 187:11-16 '61.

ASIA, SOUTHEASTERN—ETHNOLOGY

"Social structure of southeast Asia" [in English]. Reviewed by S Arutiunov, IU. Zhuravlev. Sov etn. no. 1 133-137 Ja-F '62.

ASIA, SOUTHEASTERN—INDUSTRIES

"Problems of the industrialization of the sovereign underdeveloped countries of Asia." Reviewed by A. S. Kaufman. Nar. Azii i Afr. no. 1:168-171 '62.

ASIA, SOVIET CENTRAL see Soviet Central Asia

ASIA MINOR—NAMES

Studying the names of ancient tribes in the eastern part of Asia Minor. G. A. Melikishvili. Vest. drev. ist. no. 1:46-65 '62.

ASIATIC CHOLERA see Cholera, Asiatic

ASKANIYA-NOVA PRESERVE—HORSES

Raising Przhevalsk horses and their hybrids at the Askaniya-Nova Zoological Garden. V. D. Treus. Nauk. pratsi "Ask. -Nov." 9 86-100 '61.

ASKANIYA-NOVA PRESERVE—RATITAE

Breeding flat breastbone birds (Ratites) at the Askaniya-Nova Zoological Garden and their biological characteristics resulting from the process of acclimatization. V. D. Treus. Nauk. pratsi "Ask. -Nov." 9:110-123 '61.

ASPEN

The PI B-1 continuous line for processing pulpwood of firewood aspen A. V Linkov Biul tekh. -ekon. inform no 2 38-41 '62

ASPHALT CONCRETE

Bondin, IU N [Safety regulations for workers engaged in the production of asphalt concrete] Pamiatka po tekhnike bezopasnosti dlia rabochikh po proizvodstvu asfal'tobetona. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 18 p (Tekhnika bezopasnosti)

Kolyshev, V. I. [Automation of asphalt-concrete plants] Avtomatizatsiia asfal'tobetonnykh zavodov. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961. 141 p.

ASPHALTITE

Composition and properties of asphaltite found in a shale bed of one of the mines of the "Slantsy" combine S S. Semenov, E V Glushenkova, N D Dokshina Trudy VNII no. 10 23-28 '61.

ASPHYXIA

Morphological bases for the concepts, "intrauterine asphyxia" and "birth injury" in newborn infants. A.A Kulikovskaia. Vop. okh. mat i det. 7 no. 1 8-15 Ja '62.

Prevention of asphyxia and intracranial hemorrhages in newborn infants and the treatment of their sequelae [with summary in English] I G. Bronshtein. Vop. okh. mat. i det. 7 no. 1 3-8 Ja '62.

ASSAYING

Seminar for workers of an assaying laboratory. S. K. Shabrin. Izv. vys. ucheb. zav., tsvet met 5 no. 2 166-168 '62.

ASSEMBLY-LINE METHODS

Automatic machines and automatic lines for assembling tractors and agricultural machinery. Z. IA. Padrul', V. V. Kosilov Mashinostroitel' no 3:25-27 Mr '62

Basic problems in the mechanization and automation of assembling operations. A. N. Rabinovich. Vest. mash. 12 no. 3:55-62 Mr '62.

Basic trends in the mechanization and automation of assembling operations in the machinery industry V. V. Panteleev Mashinostroitel' no 3,12-11 Mr '62.

Basic trends in the mechanization and automation of assembling operations in the machinery industry V. V. Panteleev Vest. mash. 42 no 3 8-12 Mr '62.

Design a standard technical equipment for automatic assembly V. S. Korsakov Mashinostroitel' no 3:22-23 Mr '62.

Extend the use of transfer machines for assembling operations L. N. Koshkin. Mashinostroitel' no. 3:20-22 Mr '62.

Grinliev, L. S., and S. E Kipnis. [Wonderful lines] Chudesnye linii. [Moskva] Mosk rabochii, 1961. 93 p

IAkovlev, D. G., and O. E. Nudel'man. [Readjusted automatic lines of modernized multiple-purpose machine tools for the manufacture of taps] Perenaladzhivaemye avtomaticheskie linii iz modernizirovannykh universal'nykh stankov dlia izgotovleniia metchikov. Moskva, Mashgiz, 1962. 226 p.

Influence of conveyer work on the physiological state of workers Report No 1: Characteristics of functional changes during the performance of a short operation with a single element V. G Aseev. Dokl APN 5 no 6 15-18 '61

Principles and some standard solutions of problems in the mechanization and automation of assembling operations. A. N. Rabinovich Mashinostroitel' no 3:14-17 Mr '62.

Systems for the automation of production lines. IA. I. Grushevskii. Tekst prom. 22 no 2:6-8 F '62.

Using transfer machines in assembly lines. L. N Koshkin. Vest. mash. 42 no. 3:63-68 Mr '62.

Value of the capacity factor of a transfer-machine line in case of an over-all automation. R. L. Satanovskii Mashinostroitel' no 3,42-43 Mr '62.

ASSES AND MULES

Coloration and molting of the Asiatic wild ass [with summary in English]. A. O. Solomatin. Biul. MOIP, Otd. biol. 67 no. 1,23-33 Ja-F '62.

ASTEROIDS see Planets, Minor

ASTHENIA

"Chronic progressive asthenia (Observations of former prisoners in Nazi prisons and extermination camps) Materials from the International Conferences in Copenhagen and in Moscow, collected by the Medical Secretariat of the International Federation of Resistance Fighters. Vol. 1[in German]." Reviewed by E. Shternberg Zhur. nevr. i psikh. 61 no. 8 1268-1269 '61.

ASTHENIA, NEUROCIRCULATORY see Neurocirculatory asthenia

ASTHMA

Disorders of liver function in bronchial asthma. N. V. Gerasimei. Kaz. med. zhur. no. 1:36-38 Ja-F '62.

Immediate results of hormone therapy of bronchial asthma, rheumatism and rheumatoid arthritis. A M. Elisseeva Sov. med. 25 no. 2, 119-120 F '62.

ASTHMA (Continued)
Treatment of bronchial asthma and asthmoid bronchitis with inhalations of isadrine aerosol. Z. V Sharonova. Kaz. med. zhur. no 1 34-36 Ja-F '62
Vectorcardiogram in bronchial asthma A A Stupnitskii Kaz med zhur no 5,23 S-O '61

ASTRAKHAN—FISH, CANNED
New types of canned and preserved fish. P. I. Gorbunova Ryb khoz. 37 no 10:52-54 '61

ASTRAKHAN GOVERNMENT—REVOLUTION, 1917-1921
Astrakhan (Province) Upravlenie vnutrennikh del. Arkhivnyi otdel [Struggle for the Soviet regime in the Astrakhan region, 1917-1920; documents and source materials] Bor'ba za vlast' Sovetov v Astrakhanskom krae, 1917-1920 gg., dokumenty i materialy Astrakhan', Izd-vo gazety "Volga"
Pt 2 [The defense of Astrakhan and the defeat of the foreign interventionists and the White Guards, December 1918-March 1920] Oborona Astrakhani i razgrom interventov i belogvardeitsev v Astrakhanskom krae, dekabr' 1918-mart 1920 gg. Red. kollegiia D. T. Pol'skoi i dr 1960 631 p.

ASTRAKHAN PRESERVE—PARASITES—FISHES
Helminths of carp and predatory fishes in the Astrakhan Preserve. V. M. Kozlova, A. K. Shcherbakova Uch zap GGPI no 27 111-120 '60

ASTRAKHAN PROVINCE—FARM MECHANIZATION
The propaganda car arrived on a collective farm A. Kalashnikov. Sov profsoiuzy 18 no 3 10 F '62

ASTRAKHAN PROVINCE—OIL WELL LOGGING
Some results of gas logging in Astrakhan Province. IU. P Gol'tsev Geofiz. razved no. 5:113-115 '61.

ASTRONAUTICS
First year of the space era IU Gagarin Sov Soiuz no 4 12-13 '62
Our road toward the stars A. Erokhin. Mol. komm. no 4,32-38 Ap '62
"To the stars again." M. Golyshev, I. Shipilov. Vest. Vozd Fl no 12:86-88 D '61

ASTRONAUTICS—BIBLIOGRAPHY see Bibliography—Astronautics

ASTRONAUTICS—COMMUNICATION SYSTEMS
Space ship calls the earth V A. Sokolov, IU F Ivanov Nauka i zhizn' 29 no 2 13-19 F '62

ASTRONAUTICS—CONGRESSES
"Schedule" of space passages V Agapov Nauka i zhizn' 29 no 2 18-19 F '62

ASTRONAUTICS—PERIODICALS
"Aviatsiia i kosmonavtika." Sov. Soiuz no. 3:30 '62.

ASTRONAUTS
Why fighter pilots became the first astronauts? A. Genin, N Gurovskii Av i kosm 44 no. 2 39-41 '62

ASTRONOMICAL CLOCKS
Determining the nonuniformity of astronomical time by means of a molecular generator [with summary in English] M. D. Sopel'nikov Astron zhur. 39 no 2: 355-361 Mr-Ap '62
Diurnal term in time service observations [with summary in English] N S Kalikhevich. Astron zhur 39 no 2: 349-354 Mr-Ap '62
Movements of the quartz clocks of the Kharkov State Institute of Measures and Measuring Instruments and irregularity in the earth's rotation in 1951-1957 V. I Turenko TSir. Astron obser. Khar un. no 24,14-24 '61.

ASTRONOMICAL PHOTOGRAPHY
Contact photography of faint objects [with summary in English]. I. V. Volkov, V. F. Esipov, P. V. Shcheglov. Astron. zhur 39 no 2 323-329 Mr-Ap '62
Electron-optical photography of galaxies with an H_α filter on the 2, 6 m reflector of the Crimean Astrophysical Observatory [with summary in English] M. M. Butslov and others. Astron. zhur 39 no. 2:315-322 Mr-Ap '62.

ASTRONOMICAL PHOTOGRAPHY—EQUIPMENT AND SUPPLIES
Determining the optical center of the AFR-1 plate B I. Kozarenko Soob GIASH no 104 39-41 '61
Determining the optical center of the plate of the great astrograph of the Moscow Observatory L. A Golovina. Soob. GAISH no 104 55-60 '61

ASTRONOMICAL PHOTOMETRY see Photometry, Astronomical

ASTRONOMY
Abishev, Khasen. [Popular astronomy] Khalyk astronomiasy. Almaty, Kazak memleket baspasy, 1959. 319 p. [In Kazakh]
Structure of metagalaxy, is the red displacement equal in all directions? IU. P. Pskovskii. Priroda 51 no. 3: 81-86 Mr '62.

ASTRONOMY—CONGRESSES
The 11th International Astronomical Congress in Berkeley. P. G. Kulikovskii Astron zhur 39 no. 2,376-392 Mr-Ap '62

ASTRONOMY—DICTIONARIES
"Astronomical dictionary" by I. Klecek Reviewed by IU G Perel' Astron zhur 39 no 2:374-375 Mr-Ap '62

ASTRONOMY—HISTORY
"History of astronomy" [in English] by A. Pannekoek. Reviewed by IU G Perel'. Astron. zhur. 39 no 2: 372-374 Mr-Ap '62.

ASTRONOMY—OBSERVATIONS
We observe the sky V F Esipov Nauka i zhizn' 29 no 2 107-112 F '62.

ASTRONOMY—STUDY AND TEACHING
Deriving a speed formula of a heavenly body. A. M. Nisnevich Fiz. v shkole 22 no. 1 61-62 Ja-F '62.
Use of a stereographic net in astronomy lessons F. I. Sushkina. Fiz. v shkole 22 no. 1 58-60 Ja-F '62

ASYMPTOTES
Asymptotic behavior of solutions of multidimensional systems of differential equations having a singular point of a higher order A. A. Shestakov. Sib. mat. zhur. 2 no. 5:767-788 S-O '61

ASYNCHRONOUS ELECTRIC MOTORS see Electric motors, Induction

ATBASHI RANGE—GEOLOGY, STRATIGRAPHIC
Devonian sediments in the At-Bashi Range. M. Z. Komarova. Inform. sbor VSEGEI no. 46:71-78 '61.

ATHEISM
(see also subdivision under Cherkassy Province, Kiev, Rumania; Ukraine; Volyn' Province; Zhitomir Province)
Atheistic legacy of Lenin. F. Oleshchuk. Volov. ateist no. 3,5-8 Mr '62.
Azalea pontica. I. Rudenko. Volov. ateist no. 3:27-29 Mr '62.
Clear course. P. Makhota. Volov. ateist no 11,4-5 N '61.
A dictionary of atheism. Volov. ateist no. 3,47 Mr '62.
A dictionary of atheism. Volov. ateist no. 11:48 N '61
Does the church teach you to be good? M. Horditenko. Volov ateist no. 3:20-24 Mr '62
For a happy life on earth. M. Kovalenko. Volov. ateist no. 11:5-7 N '61
Krupskaia, N. K. [Problems in atheistic education] Voprosy ateisticheskogo vospitaniia; sbornik statei. Moskva, Izd-vo Akad. pedagog nauk RSFSR, 1961. 172 p.
[Library in the struggle against religious superstitions] Biblioteka kovoje pries religinius prietarus. Kaunas, Lietuvos TSR Valstybine respublikine biblioteka, 1961. 79 p. [In Lithuanian]
"The Russian people and religion" by S. I. Vasilenok. Reviewed by V. Liventsov. Volov. ateist no 11:61-62 N '61.
Tancher, V. K. [Fundamentals of atheism] Osnovy ateizmu [Kyiv] Vyd-vo Kyivs'kogo univ., 1961. 336 p.
We are the builders of communism. Polshin Hromlichuk. Volov ateist no. 3:9-11 Mr '62
Who is the master of nature? V. Bazykin. Sov. profsoiuzy 18 no 6 37-39 Mr '62.

ATHEISM—STUDY AND TEACHING
(see also subdivision under Tambov Province)
Let's inculcate the principles of materialist philosophy into our youth. M. Dobruskin. Volov ateist no 3: 33-35 Mr '62.
Let's persist in training atheists M E. Duranov Nach. shkola 30 no. 4:40-44 Ap '62
Militant atheists' debt of honor. Volov. ateist. no. 11:2-3 N '61

ATHLETICS
Some particular aspects in the analysis of sporting technique. V. B. Korenberg Teor. i prak. fiz kul't 25 no. 1 71-74 Ja '62.

ATLANTIC OCEAN
Bombard, Alain. [Alone on the ocean. Translation of Naufrage volontaire] Odyn v okeani. Kyiv, Molod', 1959. 173 p.

ATLANTIC OCEAN—ANOTOPTERUS
Find of Anotopterus pharas Zugmayer (Pisces, Scopeliformes) in the North Atlantic. A. I. Postolakii. Vop. ikht 2 no. 1 25-28 '62.

ATLANTIC OCEAN—FISHERY LAW AND LEGISLATION—CONGRESSES
Eleventh session of the International Commission for the Northwest Atlantic Fisheries. A. A. Volkov. Ryb. khoz. 37 no. 11:82-85 '61.

ATLANTIC OCEAN—SEA BREAM
Sea beams (Sparidae). V. I Skorniakov. Ryb. khoz. 38 no. 3 8-11 '62.

ATLANTIC OCEAN—SUBMARINE TOPOGRAPHY
Some geomorphological characteristics of the bottom relief of the Atlantic Ocean along the 30th meridian from the Arctic Circle to the Tropic of Capricorn N. A. Grabovskii, R. Kh Gieku, A P. Metal'nikov. Okeanologiia 1 no. 5,860-865 '61

ATLANTIC OCEAN—URANIUM
Recovery of uranium and other elements from the water of the Atlantic Ocean. A. B Davankov and others. Izv. vys. ucheb zav., tsvet. met. 5 no 2:118-124 '62

ATLASES, AMERICAN
American Life Pictorial Atlas of the World as an example of a large popular atlas, intentions and reality L. A. Salishchev Izv AN SSSR, Ser geog no 2:126-128 Mr-Ap '62

ATLASES, RUSSIAN
Atlas of foreign countries for secondary schools I. I. Belianova Geod i kart no 2 61-63 F '62

ATMOSPHERE
Characteristics of basic atmospheric circulation patterns over the Northern Hemisphere L. IU. Ryzhakov Trudy AANII 210:52-67 '61
Degree of homogeneity of atmospheric circulation in different parts of the Northern Hemisphere during the basic east-west, west-east, and meridional circulation patterns G IA Vangengeim Trudy AANII 210:4-23 '61.
Polarization of clear day sky at the zenith [with summary in English] E K Kokhan Biul Abast astrofiz observ no 26,95-104 '61
Some structural characteristics of the atmosphere in the Southern Hemisphere. A. M. Borovikov, G. I. Gol'tsberg, G. A. Kokin Meteorol gidrol. no. 3 14-20 Mr '62.
Yeh Tu-chêng, and Chu Pao-chên. [Some important problems in the general circulation of the atmosphere. Translated from the Chinese] Nekotorye vazhneishie voprosy obshchei tsirkuliatsii atmosfery. Pod red A. A. Girsa Leningrad, Gidrometeoizd-vo, 1961. 239 p

ATMOSPHERIC NUCLEATION
Ionization and recombination processes in hot air V. A Bronshten. Inzh zhur 2 no 1 163-170 '62

ATMOSPHERIC PRESSURE see subdivision under Arctic regions

ATMOSPHERIC PRESSURE—PHYSIOLOGICAL EFFECT
Changes in cardiovascular activity under the action of elevated atmospheric pressure [with summary in English]. V I Kokidnov. Gig. truda i prof. zab. 4 no. 11 25-29 N '60.
Effect of lowering atmospheric pressure on the cardiac activity in animals during the late periods following the excision [with summary in English]. L. P. Cherkasskii Biul. eksp. biol i med 54 no. 8,36-39 F '62.

ATMOSPHERIC TEMPERATURE see subdivision under Arctic regions, Tseya Glacier, Talmlyansk Reservoir region

ATOMIC CLOCKS
Determining the nonuniformity of astronomical time by means of a molecular generator [with summary in English] M. D. Sopel'nikov. Astron. zhur. 39 no. 2: 355-361 Mr-Ap '62.

ATOMIC ENERGY
Brief news. Atom. energ. 12 no 4:354-356 Ap '62

ATOMIC ENERGY—BIBLIOGRAPHY see Bibliography - Atomic energy

ATOMIC ENERGY—CONGRESSES
Tashkentskaia konferentsiia po mirnomu ispol'zovaniiu atomnoi energii, Tashkent, 1959. [Transactions of the Tashkent Conference on Peaceful Uses of Atomic Energy] Trudy. Tashkent.
Vol. 3. 1961. 501 p.

ATOMIC ENERGY RESEARCH
Meeting of the Committee of Authorized Representatives of Member Countries in the United Institute of Nuclear Research. V. Bilitukov. Atom. energ. 12 no. 4:341 Ap '62.

ATOMIC ENERGY RESEARCH—CONGRESSES
Conferences and meetings of socialist countries on the use of reactors for research purposes. V. V. Ilov Atom. energ. 12 no. 4:342-344 Ap '62.

ATOMIC NUCLEI see Nuclei, Atomic

ATOMIC POWER ENGINEERING see Nuclear engineering

ATOMIC SHIPS
Lysenko, V. K. [Marine nuclear power plants] Sudovye atomnye silovye ustanovki. Moskva, Izd-vo "Morskoi transport," 1961. 153 p. (Lektsii dlia znachikov)

ATOMIC WARFARE
Program of the CPSU and the problems of strengthening the Armed Forces of the U.S.S.R. R. Malinovskii. Kommunist 39 no. 7,11-22 My '62.

ATOMIC WARFARE—SAFETY MEASURES

Platoon for radiation and chemical reconnaissance in an attack. N. Markin Voen vest 41 no 12 98-99 D '61

ATOMIC WEAPONS

(see also subdivision under Germany, West)

The race of rocket and atomic armaments in the most important capitalist countries. N. Ianev. Mir. ekon. i mezhdunar otn. no 4 125-132 Ap '62.

ATOMIC WEAPONS—SAFETY MEASURES

Company negotiates a zone of radioactive contamination N. Shcherbakov Voen vest 41 no. 2 34-35 F '62

ATOMIC WEAPONS—TESTING

Nuclear tests and the danger of the remote effect of ionizing radiation K. A. Kiandarian Vop. radiobiol [AN Arm SSR] 1 241-248 '60

ATOPHAN see Cinchophen

ATTACK AND DEFENSE (MILITARY SCIENCE)

Against the commonplace in defensive operations B. Kolchigin Voen vest 41 no 2 36-37 F '62

An antitank strong point for the company is necessary V. Korotaev. Voen vest. 41 no 2 38 F '62

Attack of a rifle company in winter I. Degtiarev. Voen. vest 41 no. 2 19-22 F '62.

Battery in an attack from the march. M. Pankov Voen. vest. 41 no. 2 26-28 F '62.

Construct a system of fire skillfully. A. Kazarian. Voen vest. 41 no. 2 40-41 F '62.

Operation of rifle units. IU. Troshin Voen. vest. 41 no. 12 29-34 D '61.

Our objections and proposals. P. Belousov Voen. vest 41 no. 2 39-40 F '62.

Position or area of defense. V. Strulev. Voen. vest 41 no 2 38-39 F '62.

Rifle company in defense. E. Novikov. Voen. vest. 41 no. 12 24-26 D '61.

Vary the organization of a combat formation. A Feigin Voen. vest. 41 no. 2 37 F '62

ATTENTION

Studying the intensity of attention Report No. 1: Intensity of attention according to the EEG at the direct perception of stimuli and their differentiation T. E. Berkovich Dokl. APN S no. 6 73-76 '61.

AUDITING

(see also subdivision under East Kazakhstan Province, Izmaikovo District)

Important condition for developing public control. V. Antropov. Fin SSSR 23 no 3 76-78 Mr '62.

Study and disseminate their practice. N. Avanesov. Fin. SSSR 23 no 3 73-76 Mr '62

AUGUSTINUS, AURELIUS, SAINT, BP. OF HIPPO

Saint Augustinus, Pelagius and the Orthodoxy. S. Preobrazhenskii Zhur. Monk Puti no 12,59-61 D '61.

AUKS

Basic features of the constitution and distribution of auks and penguins A. M. Sudilovskaia Nauch dokl. vys. shkoly, biol nauki no 1 34-37 '62

AUREOMYCIN

Cholinergic properties of chlortetracycline [with summary in English]. A. V. Loginov, N. R. Mhuller, Antibiotiki 7 no. 3 83-89 Mr '62.

Effect of biomycin and penicillin on the vital activity of some algae. L. B. Dolivo-Dobrovol'skii and others. Biul. MOIP, Otd. biol. 67 no. 1:154-155 Ja-F '62.

Effect of the fats on the biosynthesis of chlortetracycline [with summary in English]. L. A. Popova, M. M. Levitov, O. P. Belozerova Antibiotiki 6 no. 11 989-991 N '61.

Effect of the seed material and inorganic phosphorus on the fermentation of chlortetracycline on peanut and sunflower meal [with summary in English] V. G. Makarevich, T. N. Lavnikova, Antibiotiki 6 no. 11 994-998 N '61.

Experimental and clinical study of the therapeutic action of diblomycin in trachoma [with summary in English]. I. I Terskikh, A. A. Dzhumanbaeva. Antibiotiki 6 no. 11 969-970 N '61.

AUSTRALIA—COAL MINERS

Australian miners are struggling. N. Setunskii. Sov. shakht. 11 no. 4 39 Ap '62.

AUSTRALIA—DESCRIPTION AND TRAVEL

Australian album. L. Vladimirskii. Ogonek 40 no. 9 10-11 F '62.

AUSTRIA—LACQUER AND LACQUERING—PATENTS

Herbert Hönel's patents on water soluble resins. B. M. Dubrova. Lakokras. mat. i ikh prim. no. 5 82-85 '61

AUSTRIA—RESINS, SYNTHETIC—PATENTS

Herbert Hönel's patents on water soluble resins. B. M. Dubrova. Lakokras. mat. i ikh prim. no. 5 82-85 '61.

AUSTRIA—YUGOSLAVS

Pisarev, IU. A. [National liberation movement of the Yugoslav peoples of the Austro-Hungarian Monarchy, 1905-1914] Osvoboditel'noe dvizhenie iugoslavianskikh narodov Avstro-Vengrii, 1905-1914. Moskva, Izd-vo Akad. nauk SSSR, 1962. 418 p.

AUTHORS

Akademiia nauk SSSR. Institut mirovoi literatury. [Writers of the peoples of the U. S. S. R.] Pisateli narodov SSSR. Moskva, Izd-vo Akad. nauk SSSR, 1962. 338 p.

Kramov, I. N. [Literary portraits: Larisa Reisner, John Reed, Vorovskii, Mate Zalka] Literaturnye portrety, Larisa Reisner, Dzhon Rid, Vorovskii, Mate Zalka. Moskva, Sovetskii pisatel', 1962. 331 p.

"Soviet children's authors; a bibliographic dictionary, 1917-1957." Reviewed by V. Glotser. Vop. lit. 6 no. 2 192-196 F '62.

AUTHORS—CONGRESSES

Cairo meeting of authors from two continents Interview with Khamid Gullam. Uzbekistan 21 no. 2 19 F '62

Cairo these days. A. Sofronov Ogonek 40 no. 10 4-5 Mr '62.

Correspondents, critics and friends Sov profsoiuzy 18 no 5 47 Mr '62

First meeting of the Council. Vop. lit. 6 no. 2 50-59 F '62.

AUTHORS—CORRESPONDENCE, REMINISCENCES, ETC.

Ehrenburg, I. G. [People, years, life] Liudi, gody, zhizn'. Moskva, Sovetskii pisatel', 1961. 2 v. Vols. 1-2. 1961. (MH) (CU)

Gladkov, F. V. [Rebellious youth; sketches, articles, reminiscences] Miatezhnaia iunost'; ocherki, stat'i, vospominaniia. Moskva, Gos. izd-vo khudozh. lit-ry, 1961. 494 p. (NN)

Grigorovich, D. V. [Literary reminiscences] Literaturnye vospominaniia. [Leningrad] Gos. izd-vo khudozh. lit-ry, 1961. 214 p. (Serila literaturnykh memuarov) (CU)

Lidin, V. G. [People and meetings] Liudi i vstrechi. Moskva, Sovetskii pisatel', 1961. 414 p.

AUTHORS AND READERS

(see also subdivision under Moscow)

An intellectual hero is needed. Gennadii Gor. Vop. lit. 6 no. 1 19-21 Ja '62.

To my readers. Evgenii Belfankin. V mire knig 2 no. 2 44 F '62.

AUTHORSHIP

Author's work V. Kaverin Nauka i zhizn' 29 no. 2 93-95 F '62

AUTOMATIC CONTROL

Akademiia nauk SSSR. Komissiia po tekhnologii mashinostroeniia. [Automatic control of machinery manufacturing processes] Avtomatizatsiia protsessov mashinostroeniia. Moskva, Izd-vo Akad. nauk SSSR. Vol. 2, [Hot metalwork] Gorichaia obrabotka metallov. 1962. 272 p.

Aleshin, K. A., and D. M. Zektser. [Code dispatching relays] Kodovye dispetcherskie rele. Moskva, Gos. energ. izd-vo, 1961. 151 p. (Biblioteka po avtomatike, no. 47)

Algorithms of rapid descent. V. V. Ivanov. Dokl. AN SSSR 143 no. 4 775-778 Ap '62.

Approximation investigation of self-oscillations in a nonlinear two-channel automatic control system M. V. Starikova. Izv AN SSSR Otd. tekh. nauk Energ i avtom no 1 116-125 Ja-F '62.

Atabekov, V. B., and L. F. Pletnev. [Relay protection and automatic control] Releinaia zashchita i avtomatika. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1961. 53 p.

Automatic control of sludging of boreholes. I. L. Mordukhovich, M. Kim. Sbor. nauch. trud. Kaz GMI no. 19 113-115 '60.

Automatic control of spectral analyzer. N. F. Volterner, V. G. Krikounov. Prib i tekh. eksp 7 no. 1 117-122 Ja-F '62

Automatic control of the blast distribution to blast furnace tuyeres. Ts. P. Krivoi, IU. IA. Treister, E. M. Sherman. Metallurg 7 no 2 6-8 F '62.

Automatic control of the density of coal flotation pulp. A. G. Livintsev Koks i khim. no. 2 8-12 '62.

[Automatic control, remote control, and communications on a. c. railroads] Avtomatika, telemekhanika i sviaz' na zheleznykh dorogakh s elektrotiagoi peremennogo toka; sbornik statei. Pod obshchei red. D. A. Buninn. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1961. 201 p.

Automatic control system for parallel operating welding units depending on the loads in buses. V. L. Ryzhik, A. L. Bravo, I. M. Eigenbrot. Avtom. i prib. no. 1 12-18 Ja-Mr '62.

Automatic correction of the deviations of mixture batch weights in charging open-hearth furnaces. I. G. Polovchenko, V. I. Gol'dfland. Avtom. i prib. no. 1 18-21 Ja-Mr '62.

Automatic gas-logging station. L. I. Pomerants, G. I. Epshtein. Razved. i prom. geofiz. no. 39 72-110 '61.

Automatic "on and off" switching of parallel operating transformers. A. E. Barron. Prom. energ. 17 no. 2 14-15 F '62

Automatic optimizer for finding the minimal among several minima (universal optimizer) [with summary in English]. I. N. Bocharov, A. A. Fel'dbaum. Avtom. i telem. 23 no. 3 289-301 Mr '62.

Automatic regulator for a heat and moisture treatment system V Buznitskii Stroi i arkhit 9 no 11 31 N '61

Automatically controlled frame bin. D. I. Konopatskii, G. G. Chernavskii Ogneupory 27 no. 3 144-146 '62.

Automatically controlled hoisting machine operations A. G Kononenko. Ogneupory 27 no. 2 146-147 '62

Automatically controlled system for round-the year air conditioning. M. M. Khasanov Tekst. prom 22 no. 2. 67-73 F '62.

[Automation and mechanization of control systems in the machinery industry; manual] Avtomatizatsiia i mekhanizatsiia sredstv kontrolia v mashinostroenii, spravochnoe posobie. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1962. 215 p.

Automation of power systems. A. B Frenkel' Prom. energ. 17 no. 2 5 F '62.

Automation of the manufacture of commercial yeasts at the Moscow Yeast Plant. M. L. Tagai. Khleb. i kond. prom. 6 no. 3 16-17 Mr '62.

Automation of the processes of feed yeast production. A. N. Chebalak, IA. G. Raikher. Spirt. prom. 28 no. 2 16-20 '62.

The "Avtooperator" control system for technological processes and machine units. G. V. Vshivtsev. Avtom. i prib. no. 1 5-8 Ja-Mr '62.

Bondarchuk, A. P., I. I. Klodnitskii, and M. A. Kulisher. [Automatic control on tank farms and petroleum product pipelines] Kontrol i avtomatizatsiia neftebaz i magistral'nykh neftoproduktoprovodov. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 193 p.

Bondarev, G. S. [Transducers and automatic checking devices for transportation systems] Datchiki i pribory avtomaticheskogo kontrolia dlia transportirovochnykh ustroistv. Moskva, Gos. energ. izd-vo, 1961. 47 p. (Biblioteka po avtomatike, no 45)

Bun'ko, V. A., S. A. Volotkovskii, and N. G. [Ankilevich. [Automatic control in ore dressing plants] Avtomatizatsiia na obogatitel'nykh fabrikakh. Pod red. S. A. Volotkovskogo. Moskva, Gos. nauchno-tekhn. izd-vo po gornomu delu, 1961 363 p.

Calculation of the loss of information in centralized control systems [with summary in English]. M. I. Lanin. Avtom. i telem. 23 no. 3 321-330 Mr '62.

Certain problems encountered in the overall automation of a large thermal electric power plant. G. L. Shegal, V. E. Fridman. Elek sta. 33 no. 1 10-13 Ja '62.

Chromatographic methods and automatic control. Zav. lab. 28 no. 2 131-132 '62.

Concerning a certain possibility for automating unattended single-transformer substations with limited power output and electric cutouts in the output feeder lines. S. M. Rozhavskii, A. V. Isaenko, V. A. Makhova Izv vys. ucheb. zav. ;energ 5 no 2 12-13 F '62

Concerning a certain type of self-adjusting control systems. V. I. Chernetskii, R. M IUsupov. Izv AN SSSR. Otd. tekh. nauk, Energ. i avtom. no 1 158-165 Ja-F '62.

Contactless automatic systems for controlling the charging of raw and cement mills L. A Matiatin TSement 27 no 6. 26-29 N-D '61

Control panel of the PUM hoisting machine. Shakht stroi. 6 no. 3 3 of cover Mr '62.

Corrections to the article "Use of Krylov and Bogoliubov's method for constructing asymptotic approximations in the study of delay systems." V. S. Kiselakov. Avtom. i telem. 23 no. 3 417 Mr '62.

Cybernetics and automatic control. V. A. Trapeznikov. Avtom. i telem. 23 no. 3 279-288 Mr '62.

Design of extrapolating discrete servo systems. L. T. Kuzin. Vych. tekh no 2 39-50 '61.

Determination of the transfer functions of objects with monotonic limited characteristics. B. N. Deviatov, IU N. Kornev. Izv. AN SSSR. Otd. tekh nauk. Energ. i avtom. no. 1 169-176 Ja-F '62.

Device for automatic temperature control in laboratory furnaces. M. B Usbitskii. Stek i ker 19 no. 1 16-20 Ja '62.

Effect of including anchor chain time constants in designing the automatic control of generator-engine systems for electric ship drives P. L Gritsenko. Trudy LIVT no. 2 3-6 '60.

Elements of computing circuits in the control of continuous lines. IU. N. Ivenskii, A. Q. Tuller, G. L. El'per. Vest. elektroprom. 33 no. 3 61-66 Mr '62

Electric circuit breaker for the stop of the "Tekstima" automatic embroidery machine in case of the upper thread breakage S. V. Podufalov. Tekst prom. 22 no. 3 77-78 Mr '62.

Evaluation of system reliability with damage signaling [with summary in English]. V. A. Zhozhikashvili, A. L. Ratkin. Avtom. i telem. 23 no. 3 392-397 Mr '62

Furnaces are being charged automatically. V. G. Gur'tanov. Metallurg 7 no 4 13-14 Ap '62.

Il'nitskii, I. I. [Automatic and semiautomatic machine tools] Stanki-avtomaty i poluavtomaty. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 46 p. (Nauchno-populiarnaia biblioteka rabochego-stanochnika, no. 30)

[Improvement of underground mining methods and equipment in the Krivoy Rog Basin] Sovershenstvovanie tekhniki i tekhnologii podzemnoi dobychi rudy v Krivorozhskom basseine. [By] E. S. Beilikovskii i dr. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 238 p.

AUTOMATIC CONTROL (Continued)

Increase the effectiveness and the rate of the introduction of automatic control V E Kozlov. Avtom., telem. i sviaz' 6 no 3 15-17 Mr '62.

Introduction of automatic control of ship handling on inland waterways I. Shmeling Rech. transp 21 no. 2: 50-51 F '62

Kirpichnikov, L. A., and M. L. Khatif. [Automatic control of transshipment machinery and the electric power supply network in sea ports] Avtomatizatsiia peregruzochnykh mashin i elektricheskikh setei v morskikh portakh Moskva, Izd-vo "Morskoi transport," 1961 147 p.

Klubnikin, P. F. [Quick-acting induction clutches used in automatic control systems] Bystrodeistvuiushchie induktsionnye mufty v sistemakh avtomaticheskogo regulirovaniia. Moskva, Mashgiz, 1962. 218 p.

Logical sorting K M Sobolevskii Nauka i zhizn' 29 no 1 26-27 Ja '62

Measuring information system K B Karandeev Nauka i zhizn' 29 no 1 24-25 Ja '62.

Mechanization and automation in the by-product coke industry I G Molodtsov, L A Popyvigin Koks i khim no 3 51-56 '62

Method for the synthesis of a nonstationary automatic control system using a given optimum weight function D I Gladkov, S V Mal'chikov Izv AN SSSR Otd tekh nauk Energ i avtom no 1 166-169 Ja-F '62

Method of reducing thickness variations in cold-rolled strip V Kh Faizullin, V V. Kashintsev Stal' 22 no 3 249-252 Mr '62

Moscow. Aviatsionnyi institut imeni Sergo Ordzhonikidze [Handbook on the design of components and systems of automatic control, a manual for the preparation of course and diploma projects] Rukovodstvo po proektirovaniiu elementov i sistem avtomatiki; posobie po kursovomu i diplomnomu proektirovaniiu [By] M. A. Balashov i dr Pod red. B N. Petrova. Moskva, Gos nauchno-tekhn izd-vo Oborongiz.
No 4. 1961. 311 p.

Moscow. TSentral'noe biuro promyshlennykh normativov po trudu. [Practice of innovators in drilling and exploiting oil wells] Opyt novatorov burenila i ekspluatatsii neftianykh skvazhin. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 67 p (Obmen peredovym tekhnicheskim opytom)

New flow sheet and automatic control of the flotation process A Z Kulishenko, N G Bocharov, A S Kuz'menko Koks i khim no 3 3-11 '62

Noncontact system for automatic charging of mixture into cupola furnaces. I.S.Eremeev Avtom. i prib, no. 1 8-11 Ja-Mr '62,

Operating experience with automatic devices of the yeast industry. N. F. Gol'man. Khleb. i kond. prom. 6 no. 3 15-16 Mr '62.

Phase trajectories of systems with optimum operating speeds in relation to given regions in the phase plane A B Savvin Izv. AN SSSR. Otd tekh nauk Energ i avtom no. 1 126-132 Ja-F '62.

Plaude, Karlis, and Viktors Grislis. [Automatic control of the customer inlet systems in buildings with heating supplied from central stations] Avtomatizatsiia abonentskikh vvodov teplofitsirovannykh zadanii. Riga, Izd-vo Akad. nauk Latvilskoi SSR, 1961. 29 p.

Principle for designing self-adjusting systems V. A Gordeev. Izv AN SSSR Otd. tekh nauk Energ i avtom no 1 152-157 Ja-F '62.

Rakov, P. P., and A. I. Shterenberg. [Preparation of crude for refining] Podgotovka nefti k pererabotke. Pod red. V. I. Graifera. Kazan', TSentr. biuro tekhn. informatsii, 1960. 73 p.

Self-establishing program as a means for obtaining a given reaction in the output of a linear dynamic control object [with summary in English]. I. I. Perel'man. Avtom. i telem. 23 no. 3 312-320 Mr '62

Self-oscillations in discrete optimalizing systems [with summary in English]. A. V. Netushil. Avtom. i telem. 23 no. 3 302-311 Mr '62

Some methods of control of complex systems I. M. Gel'fand, M. L. TSetlin Usp mat nauk 17 no 1 3-25 Ja-F '62.

Some problems of dynamics in the regulation of boiler-turbine units V K Bogdanov Energomashinostroenie 8 no 1 9-15 Ja '62

Some results of work on automatic control and mechanization in fields of the Oil Field Administration of the Stalin Petroleum Trust. M. M. Mustafaev. Azerb. neft. khoz. 40 no. 10 29-31 O '61.

Symmetrical single-frequency forced oscillations in nonlinear automatic control systems V. V. Pavlov Izv AN SSSR Otd. tekh. nauk. Energ i avtom. no. 1 133-137 Ja-F '62.

Synthesis of automatic control systems with presence of random disturbances. Part 2: Determination of the desired transfer function of an automatic control system in the presence of random stationary interference [with summary in English]. N. I. Sokolov. Avtom. i telem. 23 no. 3: 331-341 Mr '62

Synthesis of linear systems of automatic electric drive under certain conditions of control. B. A. Bakhovets, G. P Lyshchinskii. Izv Sib. otd AN SSSR no. 1: 19-26 '62.

Technological prerequisites for introducing automatic control of the cupola process L. M. Marienbakh, IU. S. Sukharchuk. Lit. proizv. no 3: 1-4 Mr '62.

Use of the frequency characteristics of a system for determining the transportational time delay G P. Pletnev Izv vys ucheb zav, energ 5 no. 2: 20-23 F '62.

Vessel'man, S. G., and L. V. Dobyshev. [Control and regulation of thermal processes in coke chemical plants] Kontrol' i regulirovanie teplovykh protsessov na koksokhimicheskikh zavodakh. Khar'kov, Metallurgizdat, 1962. 378 p.

We have it in the Moscow coal basin. N. I Nazukin, I Uskov Sov shakht 11 no. 4: 27-29 Ap '62

AUTOMATIC CONTROL—ABSTRACTS

[Automatic control and radio engineering] Ref. zhur.: Avtom. i radioelekt. no. 2 '62.

AUTOMATIC CONTROL—BIBLIOGRAPHY see Bibliography—Automatic control

AUTOMATIC CONTROL—CONGRESSES

All-Union Technological Conference on Remote Control and Programming in Forging and Sheet-Metal Work Kuz.-shtam. proizv 4 no. 3: 48 Mr '62

AUTOMATIC TELEPHONE see Telephone, Automatic

AUTOMATION

Acquainting students with elements of automation. V. V. Tikov. Fiz v shkole 22 no. 1 86-87 Ja-F '62.

Automatic concrete plant L. IAlovenko Nauka i zhyttia 11 no 2 18-19 F '62

Automatic machines and automatic lines for assembling tractors and agricultural machinery Z. IA. Padrul', V. V Kosilov Mashinostroitel' no. 3: 25-27 Mr '62

Automatic rotary lines. A. I. Azar'ev, V. G. Shal'nev. Shkola i proizv. 6 no 1: 52-59 Ja '62.

Automation of steam curing in chambers A M Vinitskii Bet i zhel -bet 8 no 3 97-102 Mr '62

Basic problems in the mechanization and automation of assembling operations. A N Rabinovich. Vest. mash. 12 no. 3: 55-62 Mr '62

Basic trends in the mechanization and automation of assembling operations in the machinery industry V. V. Panteleev. Mashinostroitel' no. 3: 12-14 Mr '62

Basic trends in the mechanization and automation of assembling operations in the machinery industry. V. V. Panteleev Vest. mash. 42 no. 3: 8-12 Mr '62.

Complete automation of industry is a decisive factor in carrying out the party's resolutions. B M Zvenigorodskii, A B. Cheliustkin Stal' 22 no 3 193-198 Mr '62

Conference on the automation of industrial processes in glass factories. K. M. Bezpalov. Stek i ker. 18 no. 11 46-47 N '61.

Design a standard technical equipment for automatic assembly V. S. Korsakov. Mashinostroitel' no 3: 22-23 Mr '62.

Determining the degree of mechanization and automation in a machinery plant. I E. Khavin. Vest. mash. 12 no. 3: 83-86 Mr '62.

Engineering cybernetics. Avtom. i telem. 23 no. 3 273-278 Mr '62

Finite automats and the logic of one-digit predicates. B. A Trakhtenbrot. Sib. mat. zhur. 3 no. 1: 103-131 Ja-F '62.

Foreman Hurala's dreams. A. Karavaiev. Ukraina no. 2: 18-19 Ja '62.

Forty times more accurate! M Monin Nauka i zhizn' 29 no 1 26-29 Ja '62

Grinilev, L. S., and S. E. Kipnis. [Wonderful lines] Chudesnye linii. [Moskva] Mosk. rabochii, 1961. 93 p.

IAkovlev, D. G., and O. E. Nudel'man. [Readjusted automatic lines of modernized multiple-purpose machine tools for the manufacture of taps] Perenalazhivaemye avtomaticheskie linii iz modernizirovannykh universal'nykh stankov dlia izgotovleniia metchikov. Moskva, Mashgiz, 1962 226 p.

Kolyshev, V. I. [Automation of asphalt-concrete plants] Avtomatizatsiia asfal'tobetonnykh zavodov. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961. 141 p.

[Means for the automation of machining processes; manual] Sredstva avtomatizatsii mekhanicheskoi obrabotki; spravochnoe posobie. Moskva, Mashgiz, 1962. 520 p.

Mikhal'chenko, M. G., N. A. Okunev, and N. B. Khutorian. [Comprehensive mechanization and automation of plants manufacturing building materials of rock, gravel, and sand] Kompleksnaia mekhanizatsiia i avtomatizatsiia na predprilatiakh nerudnykh stroitel'nykh materialov; stenogramma lektsii. Leningrad, 1962. 30 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Seriia: Stroitel'naia promyshlennost')

Moskovskii Dom nauchno-tekhnicheskoi propagandy imeni F. E. Dzerzhinskogo. [Design and operation of automatic machining lines] Proektirovanie i ekspluatatsiia avtomaticheskikh linii mekhanicheskoi obrabotki. Pod red. A. P. Vladzievskogo. Moskva, Mashgiz, 1962. 305 p.

The most urgent objective of the instrument industry. Avtom. i prib, no. 1: 3-4 Ja-Mr '62.

People, the search for improvement, and automatic machinery. Sergei Statnikov. Sov. profsoiuzy 18 no. 6: 20-21 Mr '62

Practice in the mechanization and automation of assembling operations at the First State Bearing Plant. V. I. Narkevich. Mashinostroitel' no. 3: 23 Mr '62.

Practice in the mechanization and automation of assembling operations at the Gorkiy Automobile Plant [illegible] Kolunov Mashinostroitel' no. 3 24 Mr '62

Principles and some standard solutions of problems in the mechanization and automation of assembling operations A. N Rabinovich. Mashinostroitel' no. 4: 14-17 Mr '62

Psychological analysis of the content and methods of training in the adjustment of automatic machine tools and production lines Report No 3 Some problems on planning, typical for adjustment work on automatic machine tools and production lines. V IA Dymshakit Dokl APN 5 no. 4, 77-80 '61

Sharin, IU. S. [Automatic machine-tool lines in the machinery industry] Avtomaticheskie stanochnye linii v mashinostroenii. Moskva, Mashgiz, 1961. 36 p. (Nauchno-populiarnaia biblioteka rabochego-stanochnika, no. 31)

Shmyrev, A. G. [Handbook on automation and remote control on railroads] Spravochnik po zheleznodorozhnoi avtomatike i telemekhanike. Moskva, Vses. i dal'nevostochn. poligr. ob"edinenie M-va putei soobshchenila, 1962 311 p.

Value of the capacity factor of a transfer-machine line in case of an over-all automation R. I. Satanovskii Mashinostroitel' no 3: 42-43 Mr '62

Yesterday in dreams, today in workshops B Vanin, R. Kologrivov, L. Fedorovskii. Znan.sila 37 no. 4: 4-5 F '62.

Your clever helpers. S Bobau Belarus' 18 no. [illegible] Mr '62

Zelichenok, G. G. [Automation and mechanization of concrete plants] Avtomatizirovannye i mekhanizirovannye betonnye zavody. Moskva, Gos. izd-vo "Vyshaia shkola," 1961. 413 p.

AUTOMOBILE DRIVERS

Is this untimely? V. Stolovitskii. Za rul. 20 no. 3: 30 Mr '62.

More attention to practical training. G. Rabinovich. Za rul. 20 no 3, 30 Mr '62.

Traffic signs and the training and practice of drivers. R. Getmanov. Za rul. 20 no. 3: 24-25 Mr '62.

AUTOMOBILE INDUSTRY see subdivision under Gaz; Gorkiy; Moscow

AUTOMOBILE INDUSTRY WORKERS see subdivision under United States

AUTOMOBILE RACING
(see also subdivision under Moscow; Ukraine; Velikiy Ustyug)

The first expert driver L. Viktorova. Za rul. 20 no. 3: 9 Mr '62.

Is it or is it not a sport? Za rul. 20 no. 1: 10-11 [illegible] '62.

AUTOMOBILE RACING—SAFETY REGULATIONS

Your opinion. L. Afanas'ev. Za rul. 20 no. 3: [illegible] Mr '62.

AUTOMOBILES

Content of industrial and technical activity. [illegible] lems of technical education I. V. Berman Dokl. APN 5 no 6 5-10 '61

Experimental check of certain problems concerning the dynamics of the rear bridge of a double-axle automobile N. N. Lachinskii. Trudy VIM 28: 127-134 '60.

[The M-21 "Volga" automobile; construction and maintenance] Avtomobil' M-21 "Volga", konstruktsiia i tekhnicheskoe obsluzhivanie. [By] V. I. Bolotnov i dr Pod red. A. D. Prosvirnina. Moskva, Mashgiz, 1962. 447 p.

Using automobiles and tractors in desert areas. S. I. Gal'perin, V. F. Nikolenko. Stroi. truboprov. 7 no. 3: 31-3 of cover F '62.

AUTOMOBILES—BODIES—CORROSION

Preventing corrosion of an automobile body. D. [illegible] sheva. Za rul. 20 no. 3: 26 Mr '62.

AUTOMOBILES—ENGINES—CYLINDERS

Repairing cracks in the cylinder block. G. Vorgetsev Za rul. 20 no. 3: 23 Mr '62.

AUTOMOBILES—INSPECTION

Public automobile inspectors. Sel'. mekh. no. 1: 32 '62

You are invited by the State Automobile Inspection Za rul. 20 no. 3: 32 Mr '62.

AUTOMOBILES—MAINTENANCE AND REPAIR

To draw the attention of drivers Sel'. mekh. no. 1: [illegible] '62.

Nikitin, A. G. [Maintenance of GAZ automobiles] Regulirovka legkikh avtomobilei GAZ. Izd. 2., [illegible] i dop. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961 93 p.

AUTOMOBILES, MIDGET see Karts (Midget cars)

AUTOMOBILES, RACING—MAINTENANCE AND REPAIR

Preparing an automobile for rallies. R. Chertov. Za rul. 20 no. 3: 16-18 Mr '62.

AUTOMOBILES, RENTAL
Those who perform services M Bury Belarus' 19 no 9 10-11 My '62.
Unsolved problems in the automobile renting system. I Stanchanov. Zarul' 20 no. 3:12-13 Mr '62.

AUTOMORPHIC FUNCTIONS see Functions, Automorphic

AUTOMOTIVE TRANSPORT WORKERS see Highway transport workers

AUTOMOTIVE TRANSPORTATION see Transportation, Automotive

AUTONOMIC DRUGS
Change in the sensitivity to insulin and the dynamics of glycosuria in diabetic patients during the administration of gangliolytic preparations [with summary in English] I. A. Dzhevetskaia, L. B. Krasnokutskaia. Terap. arkh. 34 no. 9:85-90 '62.
Effect of pressor and depressor substances on the blood flow in the greater and lesser circulation in hypoxic hypoxia [with summary in English] K. N. Fedorova. Biul. eksp. biol. i med. 53 no. 1:31-36 Ja '62.
Experimental study of the mechanisms of the action of neurotropic substances. T. V. Pravdich-Neminskaia. Vest. AMN SSSR 17 no. 1:87-92 '62.
Use of ganglion-blocking agents in surgery of the major blood vessels and of the heart [with summary in English] N. A. Meshcheriakov, B. S. Uvarov, Iu. N. Shanin. Grud. khir. 1 no. 4:44-50 Jl-Ag '59.
Use of neuroplegic and ganglion-blocking drugs in radical operations on the lungs under local anesthesia [with summary in English] O. A. Dolina. Grud. khir. 1 no. 3:69-75 My-Je '59.

AUTONOMIC NERVOUS SYSTEM see Nervous system, Autonomic

AUTORADIOGRAPHY
Autoradiographic study of skin epithelium in tissue cultures by F. M. Lazarenko's method [with summary in English]. L. I. Chekulaeva. Arkh. anat. gist. i embr. 41 no. 12:57-63 D '61.

AUTOTROPHIC BACTERIA see Bacteria, Autotrophic

AVALANCHES
(see also subdivision under Caucasus; Transcaucasia)
Avalanches in mountain regions of the U.S.S.R. according to questionnaire data. K. S. Losev. Meteor. i gidrol. no. 3:13-14 Mr '62.

AVANESOV, RUBEN IVANOVICH, 1902
R. I. Avanesov. V. G. Orlova. Rus. iaz. v shkole 23 no. 2:116-117 Mr-Ap '62.

AVARIC TALES see Tales, Avaric

AXIAL FANS see Fans, Mechanical

AXINITE
Composition and classification of axinites. D. P. Serdiuchenko, V. A. Pavlov. Zap. Vses. min. ob-va. 91 no. 1:81-84 '62.

AXLES—STANDARDS
Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut po normalizatsii v mashinostroenii. [Axles (rollers) of hinged joints with grooves for ShEZ washers (MN 788-60)] Osi (valiki) sharnirnykh soedinenii s protochkoi pod shaibu ShEZ (MN 788-60). Moskva, Gos. izd-vo standartov, 1960. 11 p. (SSSR. Narmal' mashinostroeniia)

AXONOMETRIC PROJECTION
Three problems of central axonometry. V. A. Manevich. Usp. mat. nauk 17 no. 1, 199-203 Ja-F '62.

AZELAIC ACID
Carbochain polymers and copolymers. Part 36: Reaction of isotactic polymethyl methacrylate with polyethylene azelate [with summary in English]. G. S. Kolesnikov, G. T. Gurgenidze. Vysokom. soed. 4 no. 3: 452-454 Mr '62.

AZERBAIJAN—AGRICULTURAL WORKERS
[illegible]
Azerbaijan, and Southern Areas of Kazakhstan]. [Materials] Tashkent, Gos. izd-vo Uzbekskoi SSR, 1962. 368 p. (Za rabotu, tovarishchi khlopkorobyl')
(DA)

AZERBAIJAN—BITUMEN—GEOLOGY
Estimate of the results of investigating rocks by the fluorescence bituminological method. R. D. Rzaeva. Dokl. AN Azerb. SSR 17 no. 8:803-807 '61.

AZERBAIJAN—BLACK FLIES
"Fauna of Azerbaijan. Diptera. Black flies (family Simuliidae)" by Sh. M. Dzhafarov. Reviewed by V. M. Glukhova. Ent. oboz. 40 no. 3:719-720 '61.

AZERBAIJAN—CHERNOZEM SOILS
Leached Chernozems of the forest-steppe zones of the Greater Caucasus within the Azerbaijan S.S.R. G. A. Salamov. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 11 83-90 '61.

AZERBAIJAN—DWELLINGS
Peasant dwellings of the peoples of Azerbaijan during the 19th century. V. P. Kobychev. Trudy Inst. etn. 79 3-66 '62.

AZERBAIJAN—EFFICIENCY, INDUSTRIAL
Trade-union council and regional economic council. V. Borisov, M. Pleskachevskii. Sov. profsoiuzy 18 no. 3:14-16 F '62.

AZERBAIJAN—FLOOD FORECASTING
Quantitative characteristics of atmospheric circulation as an indicator of snow accumulation and the flood flow. G. F. Pastukhova. Trudy Tbil. NIGMI no. 9 86-91 '61.
Use of snow surveys in hydrological forecasts of the runoff in the rivers of Azerbaijan. T. P. Osipova. Trudy Tbil. NIGMI no. 9 95-96 '61.

AZERBAIJAN—FOREST SOILS
Some characteristics of light-brown soils under pistachio and oak in the Sultanbud Woods. E. F. Sharifov, A. N. Giul'akhmedov, T. F. Khrzhanovskaia. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 11:97-107 '61.

AZERBAIJAN—GLACIERS
Ancient glaciation of the northeastern slope of the Lesser Caucasus. R. G. Sultanov, M. P. Gadzhiev. Trudy Tbil. NIGMI no. 9 141-147 '61.

AZERBAIJAN—GLACIOLOGICAL RESEARCH
Research undertaken by the Administration of the Hydrometeorological Service of the Azerbijan S. S. R. in studying the snow cover and glaciers. A. D. Babaev, S. V. Vlasova. Trudy Tbil. NIGMI no. 9 16-22 '61.

AZERBAIJAN—GRASSES
Perennial grass mixtures for the Kuba-Khachmass zone now under irrigation [in Azerbaijani with summary in English]. D. R. Kostyrko. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 11 38-46 '61.

AZERBAIJAN—HISTORY
Efendiev, O. A. [Establishment of the Azerbaijan state of the Safavid Dynasty in the early 16th century] Obrazovanie Azerbaidzhanskogo gosudarstva Sefevidov v nachale XVI veka. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSSR, 1961. 208 p.
"History of Azerbaijan in three volumes." Vol. 2. Reviewed by V. D. Mochalov, V. Iu. Samedov. Ist. SSSR 6 no. 1:177-182 Ja-F '62.

AZERBAIJAN—HOSIERY INDUSTRY
Potentials of production efficiency of the "N. Narimanov" Combine. M. B. Tagiev, A. G. Manafov. Tekst. prom. 22 no. 3:35-38 Mr '62.

AZERBAIJAN—HYDROELECTRIC POWER
Akademiia nauk Azerbaidzhanskoi SSR, Baku. Sovet po izucheniiu proizvoditel'nykh sil. [Hydroelectric power resources of the Azerbaijan S. S. R.] Gidroenergeticheskie resursy Azerbaidzhanskoi SSR. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR.
Vol. 2. Alizade, A. S., and others. 1961. 100 p.

AZERBAIJAN—INSURANCE, SOCIAL
To serve the people. Irina Volk. Sov. deput. trud. no. 3: 79-83 Mr '62.

AZERBAIJAN—LAKES
Snow cover as one of the sources feeding the mountain lakes of Azerbaijan. Kh. D. Zamanov. Trudy Tbil. NIGMI no. 9 177-179 '61.

AZERBAIJAN—LINDEN
Anatomical structure of wood of the linden tree Tilia Pritipkoana Wagn. et A. Grossh. Z. A. Novruzova. Dokl. AN Azerb. SSR 18 no. 1:71-75 '62.

AZERBAIJAN—MULBERRY—VARIETIES
Studying the food value of leaves in recently developed mulberry varieties; results of spring experiments in rearing silkworm larvae in the Kuba-Khachmas zone. I. K. Abdullaev, D. R. Kostyrko. Dokl. AN Azerb. SSR 17 no. 8:819-824 '61.

AZERBAIJAN—MUSIC
Karagicheva, L. V. [Azerbaijan S. S. R.] Azerbaidzhanskaia SSR. 2. Izd. Moskva, Muzgiz, 1957. 161 p. (Muzykal'naia kul'tura soiuznykh respublik)

AZERBAIJAN—OIL FIELDS—PRODUCTION METHODS
Some results of work on automatic control and mechanization in fields of the Oil Field Administration of the Stalin Petroleum Trust. M. M. Mustafaev. Azerb. neft. khoz. 40 no. 10:28-31 O '61.

AZERBAIJAN—OIL WELL DRILLING, SUBMARINE
Economics of offshore oil field construction made of reinforced concrete. R. K. Nazirov, I. S. Guzik. Azerb. neft. khoz. 40 no. 10:45-47 O '61.

AZERBAIJAN—PEASANT UPRISINGS
From the history of the peasant movement in Azerbaijan at the beginning of the 20th century; archival documents on the "burdzhalartsy." I. M. Gasanov. Dokl. AN Azerb. SSR 17 no. 8:841-843 '61.

AZERBAIJAN—PETROLEUM INDUSTRY
Meet the problems of building communism. I. M. Asadov. Azerb. neft. khoz. 40 no. 10:1-4 O '61.

AZERBAIJAN—PLANTS—FROST RESISTANCE
Recurrence of hazardous winter minimum air temperatures with an isogram covering areas of the cultivation of tea and other subtropical crops in Azerbaijan, piedmont zones of Northern Caucasus, and Transcarpathia. G. G. Meladze. Subtrop. kul't. no. 4:122-124 '61.

AZERBAIJAN—RUNOFF
Role of the snow cover in the feeding of the rivers of Azerbaijan. S. G. Rustamov. Trudy Tbil. NIGMI no. 9 165-170 '61.
Snow cover as one of the sources feeding the mountain lakes of Azerbaijan. Kh. D. Zamanov. Trudy Tbil. NIGMI no. 9 177-179 '61.

AZERBAIJAN—SNOW SURVEYS
Snow cover in the Azerbaijan S. S. R. A. D. Efiubov. Trudy Tbil. NIGMI no. 9 48-52 '61.

AZERBAIJAN—STERNBERGIA
A new multichromosomal form of Sternbergia fischeriana (Herb.) Roem. G. E. Kapinov, F. V. Kagramanova. Dokl. AN Azerb. SSR 17 no. 9:813-817 '61.

AZERBAIJAN—TEA
Some problems of tea seed production in Azerbaijan. M. A. Mamedov. Subtrop. kul't. no. 1:19-22 '61.

AZERBAIJAN—TRADE UNIONS
Trade-union council and regional economic council. V. Borisov, M. Pleskachevskii. Sov. profsoiuzy 18 no. 3:14-16 F '62.

AZERBAIJAN—WHEAT—FERTILIZERS AND MANURES
Effect of iodine fertilizers on winter wheat yields [in Azerbaijani with summary in Russian]. Sh. M. Kuliev. Dokl. AN Azerb. SSR 18 no. 1:59-63 '62.

AZERBAIJAN—WINTER
The extremely cold and snowy winter of 1949-50 in Azerbaijan and on the Caspian Sea. A. A. Madat-zade, D. A. Mutalibov. Trudy Tbil. NIGMI no. 9 23-30 '61.
Synoptic characteristics of the winter of 1953-54 in eastern Transcaucasia. S. D. Koshinskii. Trudy Tbil. NIGMI no. 9 30-35 '61.

AZERBAIJANI PERIODICALS
Kasumov, Mukhtar. ["Molla Nasreddin", a militant revolutionary-democratic periodical] Boevoi revoliutsionno-demokraticheskii zhurnal "Molla Nasredin." Baku, 1960. 72 p.
(MH)

AZINES
Complexes of azines with copper semihalide. O. A. Reutov and others. Izv. AN SSSR. Otd. khim. nauk no. 3:538-539 Mr '62.

AZIZBEKOV DISTRICT—ALTAITE
Altaite from the Azatekskoye ore deposit. V. O. Paronikian. Izv. AN Arm. SSR. Geol. i geog. nauki 14 no. 6 83-86 '61.

AZO COMPOUNDS
4-Carbamoylanilide of acetoacetic acid in connection with the synthesis of migration-stable monoazo pigments. N. G. Laptev, A. N. Vysokosov, I. A. Merezhkova. Zhur. VKHO 7 no. 1:110-111 '62.

AZOTOBACTER
Bacteria of the Azotobacter type in the animal body. M. S. Polonskaia, T. M. Poperekova. Agrobiologiia no. 1:109-114 Ja-F '62.
Interrelation between azotobacters and other soil microorganisms. A. K. Panosian and others. Izv. AN Arm. SSR. Biol. nauki 15 no. 2:13-24 '62.

AZOV SEA REGION—CORN (MAIZE)—FERTILIZERS AND MANURES
Dusting corn seed with zinc frit before sowing. G. L. Mokrievich, G. M. Ignatovich. Sbor. nauch.-issl. rab. Azovo-Cher. sel'khoz. inst. 18 73-89 '60.

AZOV SEA REGION—GRAIN—FERTILIZERS AND MANURES
Applying trace element fertilizers to grain crops in the Chernozem soils of the northern part of the Sea of Azov region. M. N. Khoroshkin. Sbor. nauch.-issl. rab. Azovo-Cher. sel'khoz. inst. 18 59-64 '60.

AZOV SEA REGION—SOIL FERTILITY
Fertility of the carbonate ("white eyelet") horizon in Chernozem soils of the northern part of the Sea of Azov region. A. G. Kalmykov, D. D. Mishustin. Sbor. nauch.-issl. rab. Azovo-Cher. sel'khoz. inst. 18 27-33 '60.

AZOV SEA REGION—SOIL MOISTURE
Soil conditions in fields in which crop rotation is used. IA. Kh. Khairullin. Sbor. nauch.-issl. rab. Azovo-Cher. sel'khoz. inst. 18 3-26 '60.

AZOV SEA REGION—SOILS—ZINC CONTENT
Zinc concentration and its transformations in the Chernozem soils of the northern part of the Sea of Azov region. M. N. Khoroshkin, M. V. Brezhneva. Sbor. nauch.-issl. rab. Azovo-Cher. sel'khoz. inst. 18:41-47 '60.

AZOV SEA REGION—WHEAT
Effect of stand density on the varietal quality of winter wheat seed. F. V. Kovalev. Sbor. nauch.-issl. rab. Azovo-Cher. sel'khoz. inst. 18:105-109 '60.

BCG VACCINATION
Possible role of ribonucleic acid in the mechanism of antituberculosis resistance Report No. 2: Ribonucleic acid and ribonuclease activity in the organs of mice infested with tuberculosis and immunized with BCG vaccine [with summary in English] E. B Lishnevskaia Biul eksp biol i med 52 no 11,88-91 N '61

BABBIT METAL
Possibility of using BK-2 babbit for the hard facing of 18D engine bearings N. Sennikovskii Rech transp. 21 no 2 30-31 F '62

BACH, JOHANN SEBASTIAN, 1685-1750
Veprik, A. M [Outline of styles in orchestration] Ocherki po voprosam orkestrovykh stilei. Moskva, Sovetskii kompozitor, 1961. 452 p.

BACILLE CALMETTE-GUERIN see BCG vaccination

BACILLUS ANTHRACIS
Changes produced by penicillin in Bacillus anthracis. Report No. 2: Appearance of coccoid variants [with summary in English]. I. D. Nestor. Antibiotiki 7 no. 4, 296-305 Ap '62.
Penicillin-produced changes in Bac. anthracis. Report No 1 Attempted production of the L-form bacteria [with summary in English]. I. D. Nestor Antibiotiki 7 no. 3 71-75 Mr '62.

BACILLUS CEREUS
Formation of penicillinase by Bac. cereus strain No. 569 [with summary in English]. S. M. Chaikovskaia, A. E. Tebiakina, T. G. Venkina. Antibiotiki 7 no. 4 318-321 Ap '62.

BACILLUS MEGATHERIUM
Non-germinating properties of the spores in a Bac megatherium var phosphaticum culture [with summary in English] Z S Markova and others. Mikrobiologiia 31 no 1 103-110 Ja-F '62

BACTERIA
(see also subdivision under Novosibirsk Reservoir)
Effect of onion phytoncides on gram-positive and gram-negative bacteria A S Ryzhkova Trudy Vses inst sel'khoz mikrobiol 17,125-130 '60
General biological law of filament variability of microbes L L. Martinevskii. Zhur mikrobiol., epid. i immun 33 no. 2 97 F '62
Nucleotides and bacterial cell membranes. J. Baddiley. Trudy Len. ob-va est 72 no. 1,108-109 '61

BACTERIA, AUTOTROPHIC
Fluorescence of aggregated forms of bacteriochlorophyll, bacterioviridin, and chlorophyll in connection with the state of pigments in photosynthesizing organisms. A. A. Krasnovskii, Iu. E. Erokhin, Khun IUi-tsiun' [Hung Yu-ch'un] Dokl. AN SSSR 143 no 2;456-459 Mr '62

BACTERIA, CELLULOSE-DECOMPOSING
Cellulose decomposing bacteria within the cells of mammals A E Sholpo Nauch dokl vys. shkoly, biol. nauki no. 1, 170-172 '62.

BACTERIA, PHYTOPATHOGENIC
Antibiotic phytobacteriomycin, effective in controlling bacteriosis in plants V A Semenova and others. Trudy Vses. inst sel'khoz mikrobiol 17:131-139 '60
Effect of terramycin on phytopathogenic bacteria N D Buianova Trudy Vses inst sel'khoz mikrobiol 17 37-50 '60
Using antibiotics in controlling bacteriosis in phaseolus U. G Oksent'ian, L V Voronkova, A. M Drozd. Trudy Vses inst sel'khoz mikrobiol. 17 68-82 '60

BACTERIA, SULFUR
Effect of desalting formation waters on the development of halophilic sulfate-reducing bacteria [with summary in English]. V. A Kuznetsova, E. S. Pantskhava Mikrobiologiia 31 no 1 129-134 Ja-F '62.

BACTERICIDES
Effect of bactericidal factors from suppurative exudate on the sensitivity to penicillin of the microbes found in the infected focus [with summary in English]. V. N. Solov'ev, G. A. Koniaev. Antibiotiki 6 no. 11;1018-1021 N '61.

BACTERIOLOGICAL LABORATORIES see subdivision under Odessa

BACTERIOLOGY—CULTURES AND CULTURE MEDIA
Development of unicellular green algae depending on the oxidation-reduction conditions of the medium [with summary in English] L. A. Mineeva. Mikrobiologiia 31 no 1 43-48 Ja-F '62.
Effect of the seed material and inorganic phosphorus on the fermentation of chlortetracycline on peanut and sunflower media [with summary in English]. V. G. Makarevich, T. N. Laznikova. Antibiotiki 6 no. 11,994-998 N '61.
Variability of dysenterial bacteria during culturing in various nutrient media. M. G. Petruk. Zhur. mikrobiol., epid. i immun. 33 no. 1;96-97 Ja '62.

BACTERIOLOGY, AGRICULTURAL
(see also subdivision under Great Britain)
Urgent problems in the microbiology of feeds. D. L. Shamis. Vest. AN Kazakh. SSR 18 no. 3;14-22 Mr '62.

BACTERIOPHAGE
Detecting dysenterial microbes in the water of the Dnieper River by the phage titer growth reaction and by a bacteriological method [with summary in English]. F. N Poddubnyi Zhur. mikrobiol., epid i immun. 33 no. 2 102-106 F '62.
Electron microscope study of the actinophages in a lysogenic Act erythreus culture [with summary in English]. IA. I Rautenshtein, A S Tikhonenko, V. I. Rettikaia Mikrobiologiia 31 no 1 49-53 Ja-F '62
Obtaining streptomycin-producing variants under the influence of actinophages of "zero" mutants of the LS-1 strain of Act. streptomycini [with summary in English] S I Alikhanian, A F Teteriatnik Mikrobiologiia 31 no 1 54-60 Ja-F '62.
Production of an adaptive dysenteric bacteriophage and its effectiveness in treating acute dysentery. K. S. Zobnina, S. B. Perel'shtein, F. I. Rappe Kaz. med. zhur no 5,76-77 S-O '61.
Some properties of a Listeria bacteriophage [with summary in English]. M. K. Shcheglova. Zhur. mikrobiol., epid. i immun. 33 no 1:99-102 Ja '62.
Study of the effect of chloramphenicol on bacteriophage [with summary in English]. S. V. Zakharienko and others. Antibiotiki 7 no. 4,309-311 Ap '62.
Study of the specificity and sensitivity of the phage titer growth reaction in tracing dysenterial bacteria in water [with summary in English]. F N. Poddubnyi. Zhur. mikrobiol., epid. i immun. 33 no. 1,26-31 Ja '62.
Studying changes in the phagocytic function of leucocytes and the opsonizing effect of bacteriophage in radiation sickness. N. V. Gogebashvili. Soob. AN Gruz. SSR 27 no. 3;325-332 S '61.
Using the phage titer growth reaction in diagnosing dysentery in adults. B. I. Khaimzon. Zhur. mikrobiol., epid i immun. 33 no. 1:98-99 Ja '62.

BADKHYZ—FIELD MICE
Propagation of Microtus Afghanus afghanus in Badkhyz E. I Shcherbina Izv. AN Turk SSR Ser biol nauk no 1 69-73 '62

BADKHYZ REGION—DESERT FLORA
Growth of natural and seeded vegetation on barkhans near wells. N. T. Nechaeva, S. IA. Prikhod'ko. Trudy TashGU no. 187;159-166 '61.

BAIKAL, LAKE
The Baikal conference on the study of reservoir shores. N. N. Reutskain, N. V. Favorova Izv AN SSSR. Ser. geog. no. 2;148-149 Mr-Ap '62.

BAIKAL, LAKE—CHIRONOMIDAE
Formation of the tendipedid fauna (Diptera, Tendipedidae) in Lake Baikal [with summary in English] A. A. Linevich. Ent. oboz. 40 no. 3;501-511 '61.

BAIKAL, LAKE—COAST CHANGES
Eighth Conference on the Study of Reservoir Coasts. V. P. Bochkarev, V. G. Shipulina. Izv. AN Kazakh. SSR, Ser. geol. no. 4 107-111 '61

BAIKAL, LAKE—GRAYLING
Cytophysiological analysis of the interspecific differentiation of whitefish and grayling in Lake Baikal. B. P. Ushakov, A. N. Vinogradova, A. A. Kusakina. Zhur. ob. biol. 23 no. 1;56-63 Ja-F '62.
Observations on seasonal changes in feeding habits of the black Baikal grayling (Thymallus arcticus baicalensis Dyb) A G. Egorov, G B Gavrilov, A. A. Treshchetenkova Trudy BKNII no. 4 98-107 '60.

BAIKAL, LAKE—MILLER'S-THUMB
Embryonic respiratory adaptations in fishes and the characteristics of their development in the miller's-thumb (Cottoidei) of Lake Baikal. S. G Soin Vop ikht 2 no 1,127-139 '62.

BAIKAL, LAKE—WHITEFISHES
Cytophysiological analysis of the interspecific differentiation of whitefish and grayling in Lake Baikal. B. P. Ushakov, A. N. Vinogradova, A. A. Kusakina. Zhur. ob. biol 23 no. 1;56-63 Ja-F '62.

BAIKAL LAKE REGION—DRAGONFLIES
Somatochlora sahlbergi Trybom (Odonata, Insecta) in southern Siberia [with summary in English]. B. F. Belyshev, N. Ovodov. Zool. zhur. 40 no. 12;1892-1893 D '61.

BAIKAL LAKE REGION—EROSION
Age and formation of the erosion relief in the Lake Baikal region. V. V. Lamakin Trudy Kom chetv. per. no. 26 132-135 '61.

BAIKAL LAKE REGION—FORESTS AND FORESTRY
Forest vegetation on northern shores of Lake Baikal. L. I Malyshev. Trudy BKNII no. 4:121-129 '60.

BAIKAL LAKE REGION—GEOLOGICAL TIME
Age and formation of the erosion relief in the Lake Baikal region. V. V. Lamakin. Trudy Kom. chetv. per. no. 26: 132-135 '61.

BAIKAL LAKE REGION—GEOLOGY
New data on the geology of the northwestern Lake Baikal region V. P. Trunov. Trudy VNIGRI no. 186,89-100 '61.

BAIKAL LAKE REGION—GEOLOGY, STRATIGRAPHIC
Stratigraphy of Sinian sediments in the Sarma Basin (central Lake Baikal region) B. M. Frolov Trudy VNIGRI no 186 101-108 '61.

BAIKAL LAKE REGION—PHOSPHORITES
Chemical fertilizers from phosphorites of the Lake Baikal region A. S Cherniak, E. M. Pamment, V. G Shemetova. Izv Sib. otd AN SSSR no. 1 101-104 '62

BAIKAL LAKE REGION—SOILS
Swamp and meadow soils of Tunka trough in the Buryat A S S R O V Makeev Trudy BKNII no 1 19-27 '60

BAKAL REGION—ORE DEPOSITS
Zoning of hydrothermal ore deposits in the Bakal ore deposit. IU. A Davydenko. Izv. vys. uchеb zav., geol i razv 5 no. 2 49-60 F '62

BAKAL REGION—PROSPECTING
Prospecting plans of ore-bearing horizons O. P. Sergeev. Razved i okh nedr. 28 no 2 43-44 F '62

BAKED PRODUCTS see subdivision under Moscow

BAKERS AND BAKERIES
(see also subdivision under Tula)
Contemporary literature on the normalization of labor in the baking industry. N. I Lakotkin. Khleb. i kond. prom. 6 no. 3;17-20 Mr '62.

BAKERS AND BAKERIES—EQUIPMENT AND SUPPLIES
(see subdivision under Kiev; Leningrad)
Operation of baking oven assembly for pretzel products. A. A. Mikhelev and others. Khleb. i kond prom. 6 no. 3 28-30 Mr '62.

BAKING
Baking pan bread without greasing the baking pans. V. V. Rodionov. Khleb. i kond. prom. 6 no. 3;35 Mr '62.

BAKONGO (AFRICAN TRIBE)—TRIBAL GOVERNMENT
The role of the chieftains of the Fang and Bakongo tribes. N I Vynotskaia. Sov. etn. no. 1:71-75 Ja-F '62.

BAKU—PETROLEUM—REFINING
Our visual propaganda has become effective and specific. A. Zaslavskii, I. Teleshev. Part. zhizn' no 7;46-48 Ap '62.

BAKU REGION—MINERAL WATERS
Change in some physiological indices of the water-salt metabolism in adolescents continuously drinking highly mineralized water [with summary in English]. I. A Malevskaia, A I Bokina. Biul eksp. biol. i med. 53 no 1;17-21 Ja '62.

BALAKIREV, MILII ALEKSEEVICH, 1836-1910
Mikheeva, L. V. [M. A. Balakirev's "Islamey."] "Islamei" M. A. Balakireva. Moskva, Gos. muzykal'noe izd-vo, 1961. 10 p. (K Mezhdunarodnomu konkursu im. P. I. Chaikovskogo)

BALASHEYKA—AMATEUR ART ACTIVITIES
With us in Balasheyka. V. Liashenko. Kul't.-prosv. rab., 23 no. 3;24 Mr '62.

BALINT, GABOR, 1844-1913
G. Balint's unpublished Mongolian texts. G. Kara. Nar Azii i Afr. no. 1;161-164 '62.

BALKAN PENINSULA—POLITICS AND GOVERNMENT
Cooperation of Balkan peoples. Dino Kosev. Nov. vremia, 20 no. 13;13-14 Mr '62.

BALKAN PENINSULA—WORLD WAR, 1939-1945
Distorted history of Hitlerite aggression in the Balkan Peninsula in 1941-1942. I. N. Chempalov. Vop ist. no. 4;201-202 Ap '62.
How we liberated the Balkan Peninsula [with summary in English, p. 174]. S. S. Biriuzov. Nov. i noveish. ist. no. 6;91-101 '61.

BALKHASH, LAKE—SCHIZOPODA
Acclimatization of mysids in Lake Balkhash. S. N Ivanov Ryb. khoz. 37 no 10;22-23 '61.

BALKHASH DISTRICT—FORAGE PLANTS
Forage characteristics of the vegetation of Balkhash District, Alma-Ata Province. O. M. Nasonova. Trudy Inst. bot. AN Kazakh. SSR 11;3-26 '61.

BALKHASH LAKE REGION—STONE AGE
Recent materials on the Stone Age in the northern part of the Lake Balkhash region and the Chingis Range. A. Kh. Medoev. Vest. AN Kazakh. SSR 18 no. 3;86-88 Mr '62.

BALKHASH REGION—BRACHIOPODA, FOSSIL
Brachiopods of the Lower Devonian of the northern Balkhash region. L. I. Kaplun. Mat. po geol. i pol. iskop. Kazakh. no. 1;64-114 '61.
Brachiopods of the Upper Silurian of the northern Balkhash region T. B. Rukavishnikova Mat. po geol. i pol. iskop. Kazakh. no. 1;38-63 '61.

BALKHASH REGION—GEOLOGY, STRATIGRAPHIC
Devonian sediments of the northern Balkhash region and cis-Chingiz-Tau V IA Koshkin Mat po geol i pol iskop Kazakh. no. 1:5-37 '61.

BALKHASH REGION—JADEITITE
Mineralogy of jadeitites of the Balkhash region V N Moskaleva Zap Vses. min ob-va 91 no 1, 38-49 '62.

BALL BEARINGS
Improved technology of the smelting of ShKh-15 steel for ball bearings. M I. Zuev and others Prom. energ 17 no. 2:12 F '62
Piasik, I. B [Ball-screw mechanisms] Sharikovintovye mekhanizmy Moskva, Mashgiz, 1962. 122 p

BALL BEARINGS—LUBRICATION
Particular solutions of the Reynolds equation in the hydrodynamic theory of the lubrication of ball bearings. S A. Kharlamov. Izv. AN SSSR Otd. tekh nauk Mekh. i mashinostr no 1 77-82 Ja-F '62.

BALLAST (RAILROADS)
Prospects of the use of asbestos ballast. L. K Gromov Put' i put. khoz. 6 no 3 3-5 Mr '62.

BALLAST (RAILROADS)—MAINTENANCE AND REPAIR
Some methods of remedial treatment of the roadbed T G. IAkovleva Put' i put khoz. 6 no 3 47 Mr '62

BALLET
(see also subdivision under Leningrad, Syktyvkar, Uzbekistan)
The language of ballet. N. Chernova. Sov shakht. 11 no 4:42-43 Ap '62.

BALLISTOCARDIOGRAPHY
Dynamic clinical ballistocardiographic studies in thyrotoxicosis and endemic hyperthyroid goiter in connection with surgical and conservative treatment [with summary in English]. E. N. Dormidontov Ter arkh. 34 no. 3 60-67 '62.
Relation of the systolic index of the electrocardiogram to ballistocardiographic data characterizing the contractile function of the myocardium IA I Zolotnitskii. Ter ap. arkh. 34 no. 2 44-46 '62
Significance of ballistocardiography in the surgical treatment of lesions of the valvular apparatus of the heart K. A. Sergeeva Grud khir 3 no 6:32-37 N-D '61

BALLISTOCARDIOGRAPHY—EQUIPMENT AND SUPPLIES
Ballistodynamocardiograph BDKG-01. A. B. Venediktov, M. I. Tishchenko. Med. prom. 16 no. 2 53-56 F '62.

BAL'MEN, IAKOV PETROVICH, graf, 1813-1845
A de Bal'men tale written in the village of Linovitsa. A. Kuz'menko Ukraina no. 2, 26 Ja '62.

BALODIS, PETERIS, 1839-1916
Valeskalns, P. [Revolutionary democrat Peteris Balodis] Revolucionārais demokrats Peteris Balodis. Riga, Latvijas PSR Zinatnu akad. izdevnieciba, 1961. 301 p. [In Latvian]

BALTIC PROVINCES—LAND TENURE
Agrarian policy of the Russian prerevolutionary government in Livonia in the early 19th century J. J. Kahk. Ist SSSR 6 no 2 124-137 Mr-Ap '62

BALTIC SEA—SALMON
Active energy metabolism in the young of the Baltic salmon (Salmo salar L.). V. S. Ivlev. Vop ikht 2 no 1 158-168 '62

BALTIC SEA REGION—GEOLOGY, STRATIGRAPHIC
Pre-Cambrian geochronology of the Baltic Shield. A. A. Polkanov, E. K. Gerling. Trudy Len. ob-va est. 72 no 1:53-66 '61.

BALTIC SHIELD—PETROLOGY
Some data on the ancient weathered surface of the eastern slope of the Baltic Shield. A. I. Krivtsov. Inform. sbor. VSEGEI no. 16:51-65 '59.

BALTIC STATES—BIRDS
Pribaltiiskaia ornitologicheskaia konferentsiia, 4th, Riga, 1960. [Ecology and migrations of birds in the Baltic; transactions] Ekologiia i migratsii ptits Pribaltiki; trudy. Red. kollegiia: E. K. Vilka i dr. Riga, Izd-vo Akad. nauk Latviiskoi SSR, 1961 307 p. [With summaries in English].

BALTIC STATES—BOTANY
Sixth Excursion of Soviet Baltic Botanists. E. P. Maiseva. Bot. zhur. 47 no. 3:444-449 Mr '62.

BALTIC STATES—ECONOMIC POLICY
Lovin, R. IA. [Work practices of regional economic councils in the Baltic States] Iz opyta raboty sovnarkhozov Pribaltiki. Tallin, Estonskoe gos. izd-vo, 1960. 87 p.
(DS)

BALZAC, HONORE DE, 1799-1850
Obломievskii, D. D. [Balzac; stages of his career] Bal'zak; etapy tvorcheskogo puti. Moskva, Gos. izd-vo khudozh. lit-ry, 1961. 580 p.

BAMBOO see subdivision under Japan

BANACH SPACES
Approximate solution to linear equations in Banach space with a basis, and Galerkin's method D F Kharazov Trudy mat inst AN Gruz SSR 27 253-263 '60
Existence of conditionally critical points of functionals in $L_{(p)}$ space K E TSkirtia. Trudy mat. inst AN Gruz SSR 27 269-274 '60.

BANDAGES AND BANDAGING
pH of suppurative wound secretions in various forms of bandaging L. F. Vladimirova, N. P Medvedev Kaz med zhur no 5:46-49 S-O '61.

BANDORE
The famous bandore player Ivan Kuchugura-Kucherenko T IA Zinchenko Nar tvorch. ta etn 5 no 4 106-108 O-D '61

BANDS (MUSIC)
Raise the cultural standards of bands. E. Makarov. Sov muz 26 no. 3:45-47 Mr '62

BANKS AND BANKING
(see also subdivision under Germany, West, Krasnoyarsk Territory, Lithuania, Petropavlovka District, Ukraine)
Brief information on foreign exchange and banks abroad. Den. i kred. 20 no. 3:82-85 Mr '62.
Conferences and seminars. Den. i kred. 20 no. 3 94-95 Mr '62.
Control over the length of the periods of construction. I. Zaichik. Den. i kred. 20 no. 3:63 Mr '62.
"Do we need special revenue offices?" Sov. deput. trud. no. 3:78 Mr '62.
For the further improvement of the work of the State Bank branches. A. Korovushkin. Den. i kred. 20 no. 3 3-16 Mr '62.
In the Board of Directors of the State Bank of the U.S.S.R. Den. i kred. 20 no. 3:92-93 Mr '62.
In the Board of Directors of the State Bank of the U.S.S.R. and Presidium of the Central Council of the Trade Union of Employees of Government Institutions. Den. i kred. 20 no. 3:34-36 Mr '62.
Increase the control of the Construction Bank over labor productivity in construction. V. Diadin. Fin. SSSR 23 no 3:25-28 Mr '62.
Increasing the effectiveness of capital investments is a matter of great state importance. V Robotov Fin SSSR 23 no. 3:18-24 Mr '62.
Our readers' letters. Den. i kred. 20 no. 3:69-73 Mr '62.
Reveal hidden potentialities in repair and construction organizations. I. Ilnik. Den. i kred. 20 no. 3:26-33 Mr '62.
"The State Bank and the economic policy of the prerevolutionary government from 1861 to 1892" by I. F. Gindin. Reviewed by E. IA. Bregel'. Ist. SSSR 6 no 1:182-186 Ja-F '62.
Use capital investments more judiciously and economically. Fin SSSR 23 no 3 3-7 Mr '62
V. I. Lenin and the nationalization of banks after the victory of the Great October Revolution A. M. Gindin Ist SSSR 6 no 2 3-18 Mr-Ap '62

BANKS AND BANKING—ACCOUNTING
Competition of machine accounting centers of the State Bank branches. A. Ivanchenko. Den. i kred. 20 no. 3 49-53 Mr '62.

BANKS AND BANKING—CONGRESSES
At the plenary session of the State Bank Board of Directors. Den. i kred. 20 no. 3:86-92 Mr '62.

BANTUS
Origin of the medieval states of the Bantu tribe in southeastern Africa [as presented in the works of bourgeois historians [with summary in English, p. 222]. L. A. Fadeev. Vop. ist. no. 4:107-114 Ap '62.

BAPTISTS
(see also subdivision under Akimovka District)
Darkness and light are irreconcilable. O. Onyshchenko. Voiov. ateist no. 3:44-47 Mr '62.
Gerasimov, M. M. [Baptism? - I am against it] Baptizm? IA - protiv! Kazan', Tatarskoe knizhnoe izd-vo, 1961. 60 p.
It happened on a highway. H. Serbin. Voiov. ateist no. 11: 36-39 N '61.
Shishkin, A., and A. Shofman. [Who are the Evangelical Christians and Baptists?] Kto takie evangel'skie khristiane-baptisty? Kazan', Tatarskoe knizhnoe izd-vo, 1960. 58 p.
What can we learn from Baptist hymns. N. Safronova Voiov. ateist no. 3:41-43 Mr '62.

BAR ASSOCIATIONS
New laws of the Union Republics on the legal profession. K. F. Gutsenko. Sov. gos. i pravo 32 no 3:56-65 Mr '62

BARANOVKA—PORCELAIN
Mechanized production line for the manufacture of dishes. N. G. 'Mitin, Z. P., Sen', M. Kh. Luchka. Stek. i ker. 19 no. 2, 36-38 F '62.

BARANSKII, NIKOLAI NIKOLAEVICH, 1881-
Meeting honoring N N Baranskii O P. Nazarevskii. Izv AN SSSR. Ser. geog no 2 150 Mr-Ap '62

BARATYNSKII, EVGENII ABRAMOVICH, 1800-1844
"E. A. Baratynskii, his aesthetic and literary views" by N. R. Mazepa. Reviewed by I. Frizman. Vop. lit. 6 no. 1:232-234 Ja '62.

BARENTS SEA—CODFISH
Recent data on the northern limit of the range of young codfish, haddock, perch, and herring in the Barents Sea T. S Berger, B A Popov, R. A Cheremisina. Dokl. AN SSSR 143 no. 4 965-967 Ap '62.

BARENTS SEA—EUPHAUSIIDAE
Morphology of early developmental stages in euphausiids occurring in large masses in the Barents Sea. E. A. Zelikman. Trudy MMBI no. 3,23-25 '61

BARENTS SEA—HERRING
Productivity rate of Atlantic-Scandinavian herring in 1960 based on the estimated abundance of their young-of-the-year in the Barents Sea I G. IUdanov Vop ikht 2 no 1 69-72 '62
Recent data on the northern limit of the range of young codfish, haddock, perch, and herring in the Barents Sea, T. S Berger, B. A Popov, R. A. Cheremisina. Dokl. AN SSSR 143 no. 4,965-967 Ap '62

BARENTS SEA—METEOROLOGY, MARITIME
Characteristics of the weather and circulation regime over the Greenland, Barents, and Kara Seas during the formation and transformation of the west-east atmospheric circulation pattern T M Khoreva. Trudy AANII 240 95-146 '61
Wind and temperature conditions in the region of the Greenland and Barents Seas as related to types of synoptic processes in the Arctic L. A. Dydina Trudy AANII 240 177-208 '61.

BARENTS SEA—PERCH
Recent data on the northern limit of the range of young codfish, haddock, perch, and herring in the Barents Sea T S Berger, B A Popov, R A Cheremisina Dokl. AN SSSR 143 no 4 965-967 Ap '62

BARENTS SEA—PLANKTON RESEARCH
The technique of phytoplankton collection M. I. Roukhilainen. Trudy MMBI no. 3:15-22 '61

BARENTS SEA—SKATES (FISHES)
The skate Raja spinicauda Jensen in the Barents Sea A S Barsenkova, V P Ponomarenko, V. P Serebriakov Vop ikht 2 no 1 16-24 '62

BARENTS SEA—TEMPERATURE
Characteristic features of the temperature regimen of waters washing the Murman Coast O. F. Kondratsova. Trudy MMBI no 3:5-14 '61

BARENTS SEA—TRAWLS AND TRAWLING
Crew of communist labor, work practices of the trawler SRT-4230. I. G. Gonikman. Ryb. khoz. 37 no. 11:29-33 '61

BARI, NINA KARLOVNA, 1901-1961
Nina Karlovna Bari, an obituary. Usp. mat. nauk 17 no 1 121-133 Ja-F '62

BARITE—PHYSIOLOGICAL EFFECT
Fibrosarcoma action of barite. E M Kakauridze, A. A. Narsia. Gig truda i prof. zab. 4 no. 12 43-45 D '60.

BARIUM—ISOTOPES
Measuring isotopic shifts on the resonance line of barium. A. N. Razumovskii, M. P. Chaika. Opt. i spektr. 12 no. 3:338-343 Mr '62.

BARIUM—SPECTRA
Measuring isotopic shifts on the resonance line of barium. Opt. i spektr. 12 no. 3:338-343 Mr '62.

BARIUM CARBONATE
Conversion of barium sulfate into barium carbonate. P. I. Chaikin, K. K. Gumbar. Inform. sbor. VSEGEI no. 16: 121-123 '59.

BARIUM IODIDE
Preparation of anhydrous strontium and barium iodides and study of their interaction in molten state. K. A Bol'shakov and others Zhur neorg khim 7 no. 3: 605-609 Mr '62

BARIUM OXIDE
Interaction of a molecular beam of BaO with the surface of heated W IU. G. Ptushinskii, B. A. Chuikov. Radiotekh. i elektron 7 no. 4:687-692 Ap '62.

BARIUM SILICATES
Laminated barium dimetasilicates $MgBaSi_4O_{10}$ and $Ba_2Si_4O_{10}$ compounds. N. A Toropov, R. G. Grebenshchikov Zhur neorg. khim. 7 no. 2:337-345 F '62

BARIUM SULFATE
Conversion of barium sulfate into barium carbonate. P. I. Chaikin, K. K. Gumbar. Inform. sbor. VSEGEI no. 16: 121-123 '59.

BARK
Eucommia bark as a new medicinal raw material. A. A. Dolgova. Trudy Len. khim.-farm. inst. 12 33-40 '61.

BARK BEETLES see subdivision under Kamchatka

BARLEY
(see also subdivision under Turkmenistan, Voronezh Province)
Change of heredity in winter barley when planted in spring. I.K Kotko. Agrobiologiia no 1:142-144 Ja-F '62.
Physiological relations between barley shoots of different age. V M.Terent'ev, R I.Tsareva, A.N Loiko Biul. Inst. biol. AN BSSR no 6:142-150 '61

BARNAUL—CHEMICAL INDUSTRIES
Everyday activities of a factory committee M. Cheporukhin. Mest. prom i khud promys 3 no 3 5-6 Mr '62

BARONS, KRISJANIS, 1835-1923
Arajs, K., comp [Places of residence and work of Krisjanis Barons] Pa Krisjana Barona dzives un darba vietam Riga, Latvijas Valsts Izdevnieciba, 1961. 96 p. (chiefly illus.) [In Latvian]

BARSA-KEL'MES, ISLAND—CESTODA
Cestodes of the genus Gyrocoelia L S. Shaldybin Uch zap. GGPI no 27:73-80 '60

BARSA-KEL'MES, ISLAND—PARASITES—HEDGEHOGS
Parasitic worms of the long-eared hedgehog from the Island of Barsa-Kelmes L. S. Shaldybin Uch zap. GGPI no 27,58-72 '60

BARWICK, GARFIELD, 1903-
People and events. Nov. vrem. 20 no. 13 12,22-25 Mr '62.

BARYONS
Neutral baryon currents and single hyperon generation [with summary in English]. M. A. Markov, Nguen Van-kh'eu. Zhur. eksp i teor fiz. 42 no. 1:273-274 Ja '62

BARYSHEVKA—AMATEUR ART ACTIVITIES
Power of patronage. V Tavolkin Sots. kul't no. 2 25 F '62

BASAL METABOLISM
Bone tissue regeneration in animals at various basal metabolism levels [with summary in English] G V Khomullo Biul eksp biol i med 53 no 2 97-101 F '62

BASALT see subdivision under Bikin, Daubaba Valley

BASHKIRIA—CONSTRUCTION INDUSTRY
"Useless business trips " Sov. deput trud. no. 3,78 Mr '62

BASHKIRIA—GEOLOGICAL SURVEYS
Riddles of Bashkiria (to be continued) H. Vakhrushev Nauka i zhyttia 11 no 2 52-53 F '62,

BASHKIRIA—GEOLOGY, STRATIGRAPHIC
Synoptic geological section of lower Carboniferous terrigenous deposits of northwestern Bashkiria. M. Kh. Musin, V. N. Chernomorskii, A. D. Nadezhkin. Dokl AN SSSR 143 no. 3:674-677 Mr '62

BASHKIRIA—PETROLEUM GEOLOGY
Oil-reservoirs in reef deposits of Bashkiria V K. Gromov, R K Petrova. Trudy VNIGRI no 186;315-326 '61.

BASHKIRIA—PETROLEUM WORKERS—DISEASES AND HYGIENE
Morbidity due to lumbosacral radiculitis in drillers and workers in underground oil well repair in Bashkiria. N. A. Mustaeva Kaz. med. zhur. no. 1:77-79 Ja-F '62.

BASHKIRIA—POLITICS AND GOVERNMENT
How the Soviet public controls reports and accounting. V. Komarov Sov deput trud no 3;61-65 Mr '62

BASKETBALL
Keraminas, S. A., ed. [Basketball] Basketbol. Moskva, Izd-vo "Fizkul'tura i sport," 1961. 199 p.

BASKETBALL—RULES
[Basketball; its rules] Basketbol; pravila sorevnovanii. Moskva, Izd-vo "Fizkul'tura i sport," 1961. 62 p.

BASOV, VASILII ALEKSANDROVICH, 1812-1860
Vasilii Aleksandrovich Basov. I. A. Zinov'ev. Fel'd i akush. 27 no. 2,32-37 F '62.

BAST—FERTILIZERS AND MANURES
Nutrient conditions and the use of fertilizers for bast fiber crops. E. S. Lukashevich Trudy KirgNIIZ no 3, 51-63 '60

BATTLES IN ART
Russian battle-painting. N. Bannikov Sov. voin 44 no. 5;38-40 Mr '62.

BATS—PARASITES see Parasites—Bats

BAUXITE
(see also subdivision under Kazakhstan)
Niobium in bauxites [with summary in English]. D. N. Pachadzhanov. Geokhimiia no. 2:164-170 '62.

BAYDZHANSAY—MINE ACCIDENTS
Industrial trauma in workers of the Baydzhansay Mine Administration. D. Z. Borokhov, B. S. Korshev. Zdrav. Kazakh. 21 no. 12;13-15 '61.

BAZHAN, MYKOLA PLATONOVYCH, 1904-
"My meetings with the Italians", verse by Mykola Bazhan Reviewed by Petro Morhaienko Ukraina no 6 16 Mr '62

BAZHENOV, VASILII IVANOVICH, 1737-1799—BIBLIOGRAPHY see Bibliography—Bazhenov, Vasilii Ivanovich, 1737-1799

BAZHENOVO REGION (SVERDLOVSK PROVINCE)—ARFVEDSONITE
Find of arfvedsonite in rocks of the Bazhenovo gabbro-peridotite massif. A A. Spasskii. Zap Vses min ob-va 91 no. 1:112-116 '62.

BAZUMSKIY RANGE—GEOLOGY, STRATIGRAPHIC
Stratigraphy of Cretaceous sediments in the Bazumskiy Range (northern Armenia). V. T. Akopian. Izv. AN Arm. SSR. Geol. i geog. nauki 15 no. 1 33-45 '62.

BEACH EROSION
Let's stop the destruction of southern beaches. E. N. Egorov. Priroda 51 no. 3;54-56 Mr '62.

BEACONS—STANDARDS
Changes should be made in the all-union beaconage standard A. Ginzburg. Rech. transp 21 no 2 56 F '62.

BEAMS AND GIRDERS
Calculating stresses on the walls of crane girders from the shifting of a rail I. M. Odin Prom stroi 40 no 3, 58-60 '62
Calculation of girders bent in a horizontal plane. A A. Garelin. Gidrotekhnika no 1:90-91 '61.
Calculation of prestressed beams under elastoplastic conditions A. V. Gemmerling, B I Os'kin Trudy TSNIISK no 7 97-124 '61
Calculation of the mechanical strength of cantilever beams under the action of distributed loads. V. I Zabezhinskii, M. A. Aleksandrov. Vest. mash 42 no. 3 51-54 Mr '62.
Graphs for arranging vertical rigidity ribs in steel girders. E. L. Tilina. Prom. stroi 40 no 3,60-62 '62.
Russia (1917- R. S. F. S. R.) Ministerstvo stroitel'stva Tekhnicheskoe upravlenie. [Manual on the manufacture of prestressed reinforced-concrete segmented girders from linear elements] Rukovodstvo po izgotovleniiu sbornykh zhelezobetonnykh predvaritel'no napriazhennykh segmentnykh ferm iz lineinykh elementov. Moskva, TSentr. biuro tekhn. informatsii, 1961. 67 p.
Stability of thin-walled beams composed of arms joined with straps. R. M. Rappoport. Rasch. prostr konstr. no. 6:88-114 '61.

BEAMS AND GIRDERS—VIBRATION
Nonstationary vibrations of a beam supported by a flexible foundation under the action of a moving load G B Muravskii. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 1 91-97 Ja-F '62.

BEANS
(see also subdivision under Latvia)
"Beans, strong companions of corn" by N. I. Chekanova. Reviewed by V. Ivanov. Zemledelie 24 no. 2;95-96 F '62.
Conditioning forage beans for seeding. V. P. Budvitene. Zemledelie 24 no. 2;45-47 F '62.
Hard seeds in forage beans. G. M. Lisovskii. Agrobiologiia no. 1;147-148 Ja-F '62.
Microflora of the roots of tomatoes and beans raised in water and soil. T. G. Zimenko, I. V. Kabailova Biul Inst. biol. AN BSSR no. 6;203-210 '61
Preparation of seed and the sowing of forage beans L. K. Muradkhanian. Zemledelie 24 no. 3,42-45 Mr '62.

BEANS—DISEASES AND PESTS
Properties of antibiotics determining their effectiveness in the control of bacteriosis in phaseolus. L. V. Voronkova. Trudy Vses inst sel'khoz. mikrobiol. 17 18-28 '60
Using antibiotics in controlling bacteriosis in phaseolus. U. G. Oksent'ian, L. V. Voronkova, A M Drozd Trudy Vses inst. sel'khoz. mikrobiol 17 68-82 '60.
Using antibiotics in the inoculation of phaseolus seeds with nitragin. L. V. Voronkova. Trudy Vses inst sel'khoz mikrobiol. 17 83-86 '60

BEANS—TOXICOLOGY
Case of bean poisoning. L. I. IAvorkovskii Klin. med. i no 3:141-143 '62

BEANS—VARIETIES
Varieties of and farming practices for phaseolus. G. F. Generalov. Zemledelie 24 no. 2:52-57 F '62.

BEARING INDUSTRY see subdivision under Kuybyshev; Minsk; Moscow

BEARING METALS—HARDENING
Hardenability of bearing steel. N. N. Kachanov. Metalloved. i term. obr. met. no. 2:7-11 F '62.

BEARINGS, GAS-LUBRICATED see Gas lubricated bearings

BEARINGS (MACHINERY)
Heating of sliding block bearings on transmitting machines A I Pestov. Trudy LIVT no 1 40 50 '61
"Industrial technological processes and the use of porous bearings" by A D. Monikov, I.V. Dupenskii. Reviewed by N. Z. Pozdniak Vest. mash. 42 no 1 91-92 Mr '62.

BEARINGS (MACHINERY)—TESTING
Method for the elimination of power losses due to friction in antifriction bearings N P. Ivanov. Trud. LPI no 217 180-186 '61.

BEAUTY, PERSONAL
For you, women! V mire knig 2 no 3;17-18 Mr '62

BEDNYI, BORIS
"Girls" by Boris Bednyi. Reviewed by Valentin Gerasimova. Novyi mir 38 no 3 255-260 Mr '62.

BEE CULTURE
Gaiakhin, A. I [Backyard apiary] Priusadebnaia pasieka. Simferopol', Krymizdat, 1960 100 p. (DA)
"The history of bee culture" by A. I. Rebakidze. Reviewed by T. Chikovani. Sov. etn. no. 1 119-121 Ja-F '62
Induced mutation of characteristics in queen bees and drones by rearing in the colony of another race. A. N. Mel'nichenko. Agrobiologiia no. 1:55-65 Ja F '62
Krisciunas, Jonas. [Bee culture] Bitininkystė. [Vilnius] Valstybine politines ir mokslines literaturos leidykla [1961] 602 p. [In Lithuanian] (DA)

BEE VENOM—THERAPEUTIC USE
Treatment of brucellosis using bee stings (apitoxin) [illegible] L. Perekopskaia. Kaz. med. zhur. no. 5,75-76 [illegible] '61

BEETHOVEN, LUDWIG VAN, 1770-1827
"Beethoven" by B. G. Kremnev. Reviewed by B. Gerber. Sov muz 26 no. 3;141-143 Mr '62.

BEETLES
(see also subdivision under Armenia; Caucasus)
Morphological and functional characteristics of the larva of Prionocyphon serricornis Mull. (Coleoptera, Helodidae) in relation to inhabitation in water B. R. Striganova. Ent. obozr. 40 no. 3;577-584 '61

BEETS, SUGAR see Sugar beets

BEHAVIOR see conduct of life

BELAYA TSERKOV'—CONFECTIONERY
At the Belaya TSerkov' City Food Combine. M. Levshits. Khleb. i kond. prom. 6 no. 3:15 Mr '62.

BELAYA TSERKOV'—PARKS
Aleksandriya Park in Belaya TSerkov'. D Krivoruchko. Stroi i arkhit. 9 no. 11 26-28 N '61

BELEMNITES—CLASSIFICATION
Significance of lateral furrows of rostrum for belemnite taxonomy V A. Gustomesov. Paleont zhur no. 1 31-40 '62.

BELGOROD PROVINCE—AGRICULTURE
A dependable means of increasing the output of grain V. Kobzev. Sov. deput. trud. no 3;7-11 Mr '62
This province committee "is not informed " Ot. Falat z Mol komm no 3,46-52 Mr '62

BELGOROD PROVINCE—COLLECTIVE FARMS—FINANCE
Promote the introduction of business accounting in collective farm production. A. Dringalov. Den. i kred 20 no. 3;57-60 Mr '62.

BELGOROD PROVINCE—PEAS
Pay more attention to pea cultivation. V. M Venelov Zemledelie 24 no. 3;46-48 Mr '62

BELGOROD REGION—MAGNETIC PROSPECTING
Interpreting complex magnetic anomalies in the Belgorod region of the Kursk Magnetic Anomaly. I. A. Zhivoderkin, V. N. Strakhov. Prikl geofiz. no. 31;248-256 '61

BELIANKIN, EVGENII OSIPOVICH
"Sadyia"; a novel by Evgenii Beliankin Reviewed by Ol'ga Zubareva. Mol. komm. no. 3;135-138 Mr '62

BELOMORSK REGION—GEOLOGY, STRUCTURAL
Fold structures of the Belomorsk complex controlling the distribution of Archean pegmatite groups. N. V. Gorelov. Trudy Len. ob-va est. 72 no. 1;52-55 '61

BELOMORSK REGION—PEGMATITES
Fold structures of the Belomorsk complex controlling the distribution of Archean pegmatite groups. N. V. Gorelov. Trudy Len. ob-va est. 72 no. 1;52-55 '61.

BEL'TSY—DISTILLING INDUSTRIES—BY-PRODUCTS
Economic effectiveness of the complex utilization of raw materials. G. N. Singur. Spirt. prom. 28 no. 2;33-34 '62.

BENARES—THEATER
In India. S. Potabenko. Teatr 23 no. 3;113-114 Mr '62.

BENCH MARKS
Effect of external conditions on the stability of bench marks. A. G. Lukhtanov, P. M. Kislov. Sbor nauch trud. Kaz GMI no. 19 40-46 '60.

BENEVOLENCE
A man with a big heart. Leonid Luban. Nov. deput. trud. no 3:19-20 Mr '62

BENGAL—ECONOMIC CONDITIONS
Economic consequences of the division of Bengal, 1947. I. V. Sakharov. Strany i nar. Vost. no. 2 13-29 '61.

BENTHOS
(see also subdivision under Black Sea, Ladoga, Lake, Novosibirsk Reservoir)
Ways and time of the formation of discontinuous distribution in some species of marine bottom animals. K. N. Nesis. Okeanologiia 1 no 5 893-903 '61

BENTONITE
(see also subdivision under Minusinsk region; Tatar A. S. S. R.; Tuva A. S. S. R.)
Effect of temperature on the exchange acidity of bentonite clays activated by acids. S. N. Papuashvili, M. S. Gergala. Soob. AN Gruz. SSR 28 no 2:159-166 F '62
Exchange of Ag^{+}, Pb^{2+}, Ni^{2+}, Cu^{2+} ions on bentonite. A. I. Komilev, K. P. Sikona. Ukr. khim. zhur. 28 no 2 205-209 '62.

BENZALDEHYDE
Substituted phenylhydrazones of nitrobenzaldehyde. R. G. Dubenko, I. N. Berezina, P. S. Pel'kis. Zhur. ob. khim. 32 no. 3 942-944 Mr '62.
Use of the O^{18} isotope in studying the mechanism of hydroxybenzaldehyde oxidation by peroxides. N. A. Vlasotskaia. Dokl. AN SSSR 143 no. 4:847-848 Ap '62

BENZATHRACENE—TOXICOLOGY
Experimental production of lung cancer in rats by the intratracheal administration of 9, 10-dimethyl-1, 2-benzathracene [with summary in English]. L. N. Pylev. Biul. eksp. biol. i med. 52 no. 11:98-102 N '61

BENZENE
Adsorption removal of carbon bisulfide in the manufacture of high grade benzenes. V. E. Privalov, A. P. Kolesov, V. Z. Sokolov. Koks i khim. no. 2:42-44 '62
Alkylation of benzene by α-trichloromethylcarbinols. L. F. Goloviashkina, I. P. TSukervanik. Uzb. khim. zhur. 6 no. 1:56-60 '62.
Alkylation of some m-dihaloidbenzenes by propylene in the presence of sulfuric acid. Iu. G. Mamedaliev, R. S. Akhmardanov. Dokl. AN Azerb. SSR 18 no 1 23-26 '62
Effect of the quantity of aluminum chloride on the reaction of benzene methylation. V. V. Molchanova, V. G. Pilyugin. Izv. Sib. otd. AN SSSR no. 1 93-98 '62.
Polymerization of allylbenzene in the presence of a Ziegler type catalytic system. A. V. Topchiev, G. I. Chernyi, V. N. Andronov. Dokl. AN SSSR 143 no 4:879-882 Ap '62.
Production of sulfur-free benzene from light oils by chemical refining. V. E. Privalov and others. Koks i khim. no 3 42-44 '62.
Separation of carbon disulfide from the head fraction. J. Romovacek. Koks i khim. no. 3 36-41 '62.

BENZENE—TOXICOLOGY
"Clinical aspects and prevention of benzene poisoning" by L. M. Omel'ianenko, N. A. Senkevich. Reviewed by A. V. Shcheglova, Grodzenchik. Gig. truda i prof. zab. 4 no 2 56 F '60
Influence of benzene on the leuko-agglutinating and reticulocytogenic properties of sera [with summary in English]. A. IA. IAroshevskii. Biul. eksp. biol. i med. 52 no. 7:40-44 Jl '61
Treatment of benzene intoxication with vitamin B_{12} and folic acid, experimental and clinical data [with summary in English]. O. G. Vasil'eva, L. A. Zorina, IU. P. Santina. Gig. truda i prof. zab. 5 no 6 30-33 Je '61
Vitamin B_{12} in the treatment of chronic benzene poisoning [with summary in English]. G. V. Chernega. Gig. truda i prof. zab. 4 no. 12:21-27 D '60

BENZENETHIOL—TOXICOLOGY
Some problems concerning the distribution and excretion of trichlor-benzenethiol [with summary in English]. IU. G. Shirokov, V. M. Fedoseev. Gig. truda i prof. zab. 4 no. 12 31-35 D '60

BENZIMIDAZOLE
Iodometric method for the quantitative determination of dibazol(2-benzyl-benzimidazole). P. P. Suprun. Med. prom. 16 no. 1:47-49 Ja '62.

BENZOPYRENE
Effect of the conditions of smoke generation on the amount of 3, 4-benzopyrene in the curing smoke and smoked fish. O. P. Grotskaia and others. Ryb. khoz. 38 no 3 56-62 '62

BENZOTHIAZOLE
Benzothiazolylalkylcarboxylic acids and their derivatives. Part 4. 2-benzothiazolylalkylcarbinols. F. S. Babichev, V. M. Nepliuev. Zhur. ob. khim. 32 no. 3: 857-859 Mr '62.
Benzothiazolylcarboxylic acids and their derivatives. Part 5: 2, 3-Polymethylenebenzothiazole salts. F. S. Babichev, V. M. Nepliuev. Zhur. ob. khim. 32 no. 3: 860-864 Mr '62.

BENZYL ALCOHOL
Reaction of calcium cynamide with styrene chlorohydrin. Part 10. I. S. Matveev, A. D. Kretov. Zhur. ob. khim. 32 no 3 974-976 Mr '62

BEREGENIA see subdivision under Irkutsk Province

BEREZOVKA (YAKUTIA)—DESCRIPTION
A village of reindeer breeders in Soviet Yakutia. Sov. profsoiuzy 18 no 6 24-25 Mr '62

BERGGOL'TS, OL'GA FEDOROVNA, 1910-
"Poetry and prose" by Ol'ga Berggol'ts. Reviewed by V. Voronov. Ogonek 40 no 9 24 F '62

BERING SEA—HERRING FISHERIES
Herring of the Bering Sea and the outlook for its fisheries. V. G. Lipanov, P. I. Shastopalov. Ryb. khoz. 37 no 11 45-47 '61

BERLIN, IAKOV EFIMOVICH
From a man to the people. M. Dolinskii, S. Chertok. Smena 39 no 6 18-19 Mr '62

BERLIN—INTERNATIONAL STATUS
The international status of "free cities." L. A. Modzhorian. Sov. gos. i pravo 32 no 3,66-76 Mr '62

BERMUDA—MARINE BIOLOGY—RESEARCH
Bermuda Biological Research Station. O. I. Mamaev. Okeanologiia 1 no. 5:939-940 '61

BERYL
Investigating by infrared spectroscopy the interaction of beryl and spodumene with reagents. V. I. Bogdanov, Sin Vei-chzhun [Hsing Wei-chung]. Obog. rud 6 no 6: 35-38 '61

BERYLLIUM
(see also subdivision under United States)
Effect of beryllium and some other bivalent cations on the phosphoglucomutase activity of muscles [with summary in English]. Liu IUi-tan [Liu Yu-t'ang]. Vop. med. khim. 7 no 6 605-606 N-D '61.
Excitation functions for (γ, d) and (γ,p) reactions on B^{10} and Be^{9} nuclei [with summary in English]. IU. M. Volkov, A. V. Kulikov, V. P. Chizhov. Zhur. eksp. i teor. fiz. 42 no. 1:61-64 Ja '62.
Possibility of radiometric sampling of beryllium ores in a state of natural bedding. A. K. Sen'ko. Razved. i prom. geofiz. no. 39 69-71 '61

BERYLLIUM—TOXICOLOGY
Beryllium syndrome, its spread, prevention, and treatment. R. S. Vorob'eva. Gig. truda i prof. zab. 4 no 1 38-42 Ja '60

BERYLLIUM BRONZE
Changes in the temperature of a strip of beryllium bronze during hot flat rolling. S. I. Berman. Sbor. nauch. trud. GINTSVETMET no 33 310-323 '60

BERYLLIUM OXIDE
Equilibrium of the reaction of beryllium oxide reduction by carbon. F. Sh. Muratov, A. V. Novoselova. Dokl. AN SSSR 143 no. 3:598-602 Mr '62.

BESNIER-BOECK DISEASE see Granuloma benignum

BETA RAYS
Measurement of soft β radiation in a thick layer of a substance [with summary in English]. N. A. Fedorov. Med. rad. 5 no 1 58-60 Ja '60.

BETA RAYS—DECAY
Determining the constant of β-decay of K^{40}. D. G. Fleishman, V. V. Glazunov. Atom. energ. 12 no 4:320-322 Ap '62.

BETA RAYS—PHYSIOLOGICAL EFFECT
Acute radiation sickness caused by X rays and beta rays of radioactive phosphorus. T. G. Baramidze. Soob. AN Gruz. SSR 27 no. 3:347-354 S '61

BETA RAYS—THERAPEUTIC USE
Physical principles of adopting a specific β-irradiation technique [with summary in English]. K. K. Aglintsev, V. P. Kasatkin. Med. rad. 5 no 1 52-58 Ja '60.

BETAINE
Bipole ions formed in the splitting off proton from the NH group. Part 17. Transformations of some benzylbetaines by heating. N. K. Chub, A. M. Simonov. Zhur. ob. khim. 32 no. 3 714-718 Mr '62

BEVEL-GEARING see Gearing, Bevel

BEZHITSA—PENSIONERS
Nonstaff inspector. V. Leont'ev. Sots. obesp. 23 no. 3 6-7 Mr '62.

BEZHITSA—PUBLIC HEALTH
Doctor Artamonov and others. IU. Kotler. Sov. Soiuz no. 4:46-49 '62.

BIBA, PETRO
"We shall fly around the sun", verse by Petro Biba. Reviewed by M. Lohvynenko. Ukraina no 6-17 Mr '62.

BIBLIOGRAPHY
Bibliographical aids. G. Multanovskaia. V mire knig 2 no. 2:11 F '62.
[Book chronicle] Knizh. let. nos. 13-14 '62. Dopolnitel'nyi vypusk nos. 1-3 '62
Books for book specialists. Sov. knizh. torg. 14 no 3: 37-38 Mr '62
Brief notes on books. V mire knig 2 no. 3:6, 16, 18, 22, 40, 45 Mr '62
For the readers of public libraries. E. Fomina. V mire knig 2 no 3 43 Mr '62
[Information index of bibliographical lists and card files] Inform. ukaz. bibl. spis. i kart. 6 no. 2 F '62.
New aids on bibliography and library science. Klub 11 no 2 17 F '62
New books. Kommunist 39 no 6 127 Ap '62
[New books] Nov. knigi nos. 11-14 Mr-Ap '62.
New books. Novyi mir 38 no 3 285-286 Mr '62.
New books. Rad. shk. 40 no 3 93 Mr '62
[New literature on science and research abroad] Nov. lit. o nauke i nauch. -issl. rab. za rub. no. 12 '61.
[New Soviet literature on science and general research in the U. S. S. R.] Nov. sov. lit. o nauke i nauch. -issl. rab. v SSSR no. 12 '61.
Riga, Universitate. Zinatniska biblioteka. Bibliografijas nodala. [Publications of the Latvian State University, 1945-1960] Izdaniia Latvitskogo gosudarstvennogo universiteta im. Petra Stuchki. opublikovannye v 1945-1960 g. Riga, 1960. 45 p. (MB)

BIBLIOGRAPHY—AFRICA
Literature on Asia and Africa in the plans of various publishing houses for 1962. Nar. Azii i Afr. no 1: 207-213 '62
[New Soviet and foreign literature on the countries of the non-Soviet East] Nov. sov. i inostr. lit. po stran. zarub. Vost. nos 11-12 '61

BIBLIOGRAPHY—AFRICA—POLITICS
Day of African freedom. Kal. znam. i pam. dat. 7 no 4 27-31 Ap '62

BIBLIOGRAPHY—AFRICAN STUDIES
Books on Africa to be published in 1962. Az. i Afr. seg. no 3:57-58 Mr '62

BIBLIOGRAPHY—AGRICULTURE
Books received by the editor for review. Agrobiologiia no. 1 158 Ja-F '62.
He who keeps company with a book will go far. A. Stepanova and others. V mire knig 2 no. 2:22-24 F '62.
[Information bulletin of new foreign books, received by the Lenin Library. Series 2: Biological, Medical, and Agricultural Sciences] Inform. biul. nov. inostr. knig, postup. v Bibl. im. V. I. Len. Ser. 2: Biol., med. i sel'khoz. nauki 5 nos. 6, 9, 10 Mr-Ap '62.
Make full use of land resources, a bibliographical review. A. Minaev. Zemledelie 24 no. 2:89-92 F '62.
New books. Ekon. sel'khoz. 33 no. 1 126 Ja '62.
New books. Zemledelie 24 no. 2:96 F '62.
New books. Zemledelie 24 no. 3:80 Mr '62.

BIBLIOGRAPHY—ANTIBIOTICS
New books. Antibiotiki 6 no. 11:4 of cover N '61.
New books. Antibiotiki 7 no. 4:3-4 of cover Ap '62.

BIBLIOGRAPHY—ARCHAEOLOGY
[New foreign literature on history, archaeology, and ethnography] Nov. inostr. lit. po ist., arkheol. i etn. no. 12 '61.
[New Soviet literature on history, archaeology, and ethnography] Nov. sov. lit. po ist., arkheol. i etn. no. 12 '61.

BIBLIOGRAPHY—ART
Art. E. Vasil'eva and others. V mire knig 2 no. 2:40 F '62.
Moscow. Publichnaia biblioteka. [Consolidated index of bibliographical lists and card catalogs in libraries of the Soviet Union in 1960; social sciences, belles-lettres, and art] Svodnyi ukazatel' bibliograficheskikh spiskov i kartochek, sostavlennykh bibliotekami Sovetskogo Soiuza v 1960 godu, obshchestvennye nauki, khudozhestvennaia literatura, iskusstvo, Moskva, 1961. 108 p.

BIBLIOGRAPHY—ASIA
Literature on Asia and Africa in the plans of various publishing houses for 1962. Nar. Azii i Afr. no. 1: 207-213 '62.
[New Soviet and foreign literature on the countries of the non-Soviet East] Nov. sov. i inostr. lit. po stran. zarub. Vost. nos 11-12 '61.

BIBLIOGRAPHY—ASTRONAUTICS
Soviet people are the conquerors of space. Kal. znam. i pam. dat. 7 no 4 23-26 Ap '62

BIBLIOGRAPHY—ATOMIC ENERGY
New literature. Atom. energ. 12 no. 4:359-366 Ap '62.

BIBLIOGRAPHY—AUTOMATIC CONTROL

Books on automatic control, remote control, and communications. Avtom. i telem. i sviaz' 6 no. 1 18 Ja '62.

Books on automatic control, remote control, and communications. Avtom. i telem. i sviaz' 6 no. 3 18 Mr '62.

List of literature on mathematical simulation (analog computer techniques) for 1959. Avtom. i telem. 23 no. 3 418-431 Mr '62.

What to read on the automation and mechanization of the operations in textile manufacture. Tekst. prom. 22 no. 2,90-93 F '62.

BIBLIOGRAPHY—BAZHENOV, VASILII IVANOVICH, 1737-1799

V. I. Bazhenov. Kal. znam. i pam. dat. 7 no. 3 21-23 Mr '62.

BIBLIOGRAPHY—BIOLOGY

Defense of dissertations. Biul. Inst. biol. AN SSSR no. 6 246-247 '61.

[Information bulletin of new foreign books, received by the Lenin Library. Series 2. Biological, Medical, and Agricultural Sciences] Inform. biul. nov. inostr. knig, postup. v Bibl. im. V. I. Len. Ser. 2. Biol., med. i sel'khoz. nauki 5 nos. 6, 9, 10 Mr-Ap '62.

List of scientific works published by the members of the Institute of Biology in 1958-1960. Biul. Inst. biol. AN SSSR no. 6 248-260 '61.

BIBLIOGRAPHY—CARTOGRAPHY

Bibliography. Geod. i kart. no. 2 78-80 F '62.

Shibanov, F. A. [Index of cartographic literature published in Russia from 1800 through 1917] Ukazatel' kartograficheskoi literatury, vyshedshei v Rossii s 1800 po 1917 god. [Leningrad] Izd-vo Leningr. univ., 1961. 222 p.

BIBLIOGRAPHY—CAUCASUS—ETHNOLOGY

Materials on the history of the ethnographic studies of the Caucasus in Russian science. Part 3. M. O. Kosven. Trudy Inst. etn. 79 156-288 '62.

BIBLIOGRAPHY—CEMENT

Bibliography. TSement 27 no. 6 3 of cover N-D '61.

BIBLIOGRAPHY—CENSORSHIP

Bibliographical review of prerevolutionary and Soviet literature on the history of Russian censorship. L. M. Dobrovol'skii. Trudy Bibl. AN SSSR 5 245-252 '61.

BIBLIOGRAPHY—CERAMIC INDUSTRIES

From the pages of foreign magazines. Stek. i ker. 19 no. 1 42-46 Ja '62.

BIBLIOGRAPHY—CERAMICS

Books published in December 1961 by the State Publishing House on Building. Stek. i ker. 19 no. 3 18 Mr '62.

BIBLIOGRAPHY—CHEMICAL ENGINEERING

Bibliography. Khim. mash. no. 2 47-48 Mr-Ap '62.

BIBLIOGRAPHY—CHEMISTRY

[Chemistry, classified index of articles in foreign periodicals] Khim., sist. uk. st. v inostr. zhur. no. 1 '62.

BIBLIOGRAPHY—CHEMISTRY, MEDICAL AND PHARMACEUTICAL

New books. Vop. med. khim. 7 no. 4 3-4 of cover Jl-Ag '61.

State Publishing House for Medical Literature announces the following editions for 1962 publication. Vop. med. khim. 7 no. 6 3-4 of cover N-D '61.

BIBLIOGRAPHY—CHILDREN—CARE AND HYGIENE

Russian literature on hygiene and sanitation for the 2d half of 1960. V. A. Nevskii. Gig. i san. 26 no. 9 107-114 S '61.

BIBLIOGRAPHY—CHILDREN'S LITERATURE

Startsev, I. I. [Bibliography of children's literature] 1958-1960. Detskaia literatura, bibliografiia, 1958-1960. Moskva, Gos. izd-vo detskoi lit-ry M-va prosv. RSFSR, 1961. 645 p.

BIBLIOGRAPHY—CHUKOVSKII, KORNEI IVANOVICH, 1882-

K. I. Chukovskii. Kal. znam. i pam. dat. 7 no. 3 34-38 Mr '62.

BIBLIOGRAPHY—COMMUNICABLE DISEASES

New books. Zhur. mikrobiol., epid. i immun. 33 no. 2 2-4 of cover F '62.

Soviet literature on problems in microbiology, immunology, infectious diseases and epidemiology for the fourth quarter of 1959 (conclusion). Zhur. mikrobiol., epid. i immun. 33 no. 1 153-153 Ja '62.

Soviet literature on the problems of microbiology, immunology, infectious diseases and epidemiology published during the first quarter of 1960. M. L. Vil'shanskaia. Zhur. mikrobiol., epid. i immun. 33 no. 2 149-157 F '62.

BIBLIOGRAPHY—COMMUNIST EDUCATION

For popular reading. Sov. knizh. torg. 14 no. 3 4-5 Mr '62.

BIBLIOGRAPHY—COMMUNIST PARTY OF THE SOVIET UNION

Eleventh Congress of the Russian Communist Party (Bolshevik). Kal. znam. i pam. dat. 7 no. 3 30-33 Mr '62.

BIBLIOGRAPHY—COMMUNIST YOUTH LEAGUE

In anticipation of the 14th Congress of the Communist Youth League. Kal. znam. i pam. dat. 7 no. 3 13-18 Mr '62.

BIBLIOGRAPHY—CONSTRUCTION EQUIPMENT

Through the pages of foreign magazines. Mekh. stroi. 19 no. 3 32-3 of cover Mr '62.

Through the pages of Soviet magazines. Mekh. stroi. 19 no. 3 31 Mr '62.

BIBLIOGRAPHY—CONSTRUCTION INDUSTRY

Bibliography. Prom. stroi. 40 no. 3 61-3 of cover '62.

New books. Stil', bud. 11 no. 11,23 N '61.

Through the pages of magazines. Prom. stroi. 40 no. 3 63-64 '62.

BIBLIOGRAPHY—CONTAINERS

Russia (1923- U. S. S. R.) Ministerstvo putei soobshcheniia. TSentral'naia nauchno-tekhnicheskaia biblioteka. [Transportation in containers in the U. S. S. R. and abroad; bibliographic index of Soviet and foreign literature] Kontseinernye perevozki v SSSR i za rubezhom; bibliograficheskii ukazatel' otechestvennoi i inostrannoi literatury. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 72 p.

BIBLIOGRAPHY—CRYSTALLOGRAPHY

Bibliography of papers published in 1958, containing new data on crystal structures. Metals. Zhur. strukt. khim. 3 no. 1 118-126 Ja-F '62.

BIBLIOGRAPHY—DAIRY INDUSTRY

[News of technological literature, Series: "Meat and Dairy Industry"] Nov. tekh. lit. Ser.: "Miaso-moloch. prom." nos. 1-4 '61.

BIBLIOGRAPHY—ECONOMICS

Literature for studying economics. V. Piskunov. Vop. ekon. no. 3:140-142 Mr '62.

[New foreign books on the social sciences; economics, philosophy, history, international relations] Nov. knigi za rub. po obshchestv. naukam, ekon., filos., ist., mezhdunar. otn. 5 no. 3 Mr '62.

[New foreign economic literature] Nov. inostr. ekon. lit. no. 12 '61.

[New Soviet economic literature] Nov. sov. ekon. lit. nos. 1-6 '62.

BIBLIOGRAPHY—EDUCATION

In the Publishing House of the Academy of Pedagogical Sciences of the R. S. F. S. R. V. Fat'ianov. Fiz. v shkole 22 no. 1:107-108 Ja-F '62.

New books on work and technical education. Shkola i proizv. 6 no. 1:92-94 Ja '62.

BIBLIOGRAPHY—EGYPTOLOGY

New books and articles in the field of Egyptology. N. E. Semper. Vest. drev. ist. no. 1:152-174 '62.

BIBLIOGRAPHY—ELECTRIC ENGINEERING

Books on industrial power engineering. Prom. energ. 17 no. 2,51 F '62.

BIBLIOGRAPHY—ELECTRICITY ON SHIPS

Electric equipment of ships. Sudostroenie 28 no. 2,30 F '62.

BIBLIOGRAPHY—ELECTROMECHANICAL ANALOGIES

List of literature on mathematical simulation (analog computer techniques) for 1959. Avtom. i telem. 23 no. 3,418-431 Mr '62.

BIBLIOGRAPHY—ELECTRONIC ANALOG COMPUTERS

List of literature on mathematical simulation (analog computer techniques) for 1959. Avtom. i telem. 23 no. 3:418-431 Mr '62.

BIBLIOGRAPHY—ELECTRONICS

[Annotated bibliography on electronics] Annot. ukaz. lit. po radioelek. 18 no. 5 '62.

Books on radio engineering and electronics for 1962. Radiotekh. i elektron. 7 no. 4:723-744 Ap '62.

BIBLIOGRAPHY—ENGELS, FRIEDRICH, 1820-1895

Levin, L. A. [Bibliography of bibliographies of the works of K. Marx, F. Engels, and V. I. Lenin] Bibliografiia bibliografii proizvedenii K. Marksa, F. Engel'sa, V. I. Lenin. Moskva, Gos. izd-vo polit. lit-ry, 1961. 236 p.

BIBLIOGRAPHY—EROSION

Soil erosion and its control. Pochvovedenie no. 2 125 F '62.

BIBLIOGRAPHY—ETHNOLOGY

[New foreign literature on history, archaeology, and ethnography] Nov. inostr. lit. po ist., arkheol. i etn. no. 12 '61.

[New Soviet literature on history, archaeology, and ethnography] Nov. sov. lit. po ist., arkheol. i etn. no. 12 '61.

BIBLIOGRAPHY—FARM MECHANIZATION

Make way for farm mechanization. E. Verotnitskii and others. V mire knig 2 no. 2:19-21 F '62.

BIBLIOGRAPHY—FERTILIZERS AND MANURES

Soil fertility, fertilizers, and tillage. Pochvovedenie no. 2 123-124 F '62.

BIBLIOGRAPHY—FISHERIES

New literature on the fishing industry. V. A. Nevskii. Ryb. khoz. 37 no. 10:85-88 '61.

New literature on the fishing industry. V. A. Nevskii. Ryb. khoz. 37 no. 11:92 '61.

BIBLIOGRAPHY—FOLKLORE, KARELIAN

Bibliographic index to works on traditional folklore of the Karelian A. S. S. R. in the Soviet period from June 1917 to 1954. A. V. Belovanova, V. I. Klitsanen. Trudy Kar. fil. AN SSSR no. 8 81-156 '57.

BIBLIOGRAPHY—FOOD INDUSTRY

Literature on different branches of the food industry. Khleb. i kond. prom. 6 no. 3 40 Mr '62.

[News of technological literature. Series: "Food Industry"] Nov. tekh. lit. Ser.: "Pishch. prom." nos. 1, 3-7 '61.

BIBLIOGRAPHY—FOREST SOILS

Forest soil science. Pochvovedenie no. 2 125-126 F '62.

BIBLIOGRAPHY—FORESTS AND FORESTRY

Books to be published next year. Les. khoz. 15 no. 1 33 Ja '62.

Items from foreign literature. Les. khoz. 15 no. 3 93-94 Mr '62.

New books. Les. khoz. 15 no. 2 21, 72, 94 F '62.

State Publishing House of Agricultural Literature will publish these books in 1962. Les. khoz. 15 no. 1 33 Ja '62.

BIBLIOGRAPHY—FOUNDING

New books on founding. Lit. proizv. no. 3:46-3 of cover Mr '62.

BIBLIOGRAPHY—FREIGHT AND FREIGHTAGE

Russia (1923- U. S. S. R.) Ministerstvo putei soobshcheniia. TSentral'naia nauchno-tekhnicheskaia biblioteka. [Transportation in containers in the U. S. S. R. and abroad; bibliographic index of Soviet and foreign literature] Kontseinernye perevozki v SSSR i za rubezhom; bibliograficheskii ukazatel' otechestvennoi i inostrannoi literatury. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 72 p.

BIBLIOGRAPHY—GEOGRAPHY

Akademiia nauk SSSR. Institut geografii. Biblioteka. [Publications of the Institute of Geography of the Academy of Sciences of the U. S. S. R., 1918-1958; a bibliography] Izdaniia Instituta geografii Akademii nauk SSSR, 1918-1958, bibliograficheskii ukazatel'. Sost. I. A. Stepanova i V. A. Sokolova. Moskva, 1959. 168 p. (ICU)

BIBLIOGRAPHY—GEOLOGY

Akademiia nauk SSSR. Biblioteka. [Feodosii Nikolaevich Chernyshev; bibliographic index and materials for his biography] Feodosii Nikolaevich Chernyshev; bibliograficheskii ukazatel' i materialy k biografii. Sost. V. A. Feldor. Pod red. K. I. Shafranovskogo. Vstup. ocherk D. V. Nalivkina. Leningrad, 1961. 347 p.

BIBLIOGRAPHY—GEOPHYSICS

[Bibliography of the IGY World Data Center III] Bibl. ukaz. Mir. tsentra dan. MGG Bl no. 4 pt. 2 D '60.

BIBLIOGRAPHY—GLASS MANUFACTURE

From the pages of foreign magazines. Stek. i ker. 19 no. 1 42-46 Ja '62.

BIBLIOGRAPHY—HEALTH EDUCATION

Health is the main thing. M. Unov. V mire knig 2 no. 2:15 F '62.

BIBLIOGRAPHY—HERTZEN, ALEKSANDR IVANOVICH, 1812-1870

A. I. Hertzen. Kal. znam. i pam. dat. 7 no. 4 14-17 Ap '62.

BIBLIOGRAPHY—HISTORY

Foreign reviews of Soviet historical studies. Vop. ist. no. 4:202-204 Ap '62.

Historical articles in periodicals published in socialist countries. Vop. ist. no. 4 182-183 Ap '62.

Historical articles in Soviet periodicals. Vop. ist. no. 4: 159-161 Ap '62.

New books. Vop. ist. no. 4:156-158 Ap '62.

[New foreign books on the social sciences; economics, philosophy, history, international relations] Nov. knigi za rub. po obshchestv. naukam; ekon., filos., ist., mezhdunar. otn. 5 no. 3 Mr '62.

[New foreign literature on history, archaeology, and ethnography] Nov. inostr. lit. po ist., arkheol. i etn. no. 12 '61.

[New Soviet literature on history, archaeology, and ethnography] Nov. sov. lit. po ist., arkheol. i etn. no. 12 '61.

BIBLIOGRAPHY—HISTORY, ANCIENT

Books and articles on ancient history published in the U. S. S. R. in 1956-1960. M. I. Fursova Vest. drev. ist. no. 1,174-193 '62.

BIBLIOGRAPHY—HISTORY, MODERN

Annotations. Nov. i noveish ist. no 6:155-157 '61

Books, source materials, and articles on modern and recent history published in 1960 in the U. S. S. R. (continuation). Nov. i noveish ist. no. 6 164-166 '61.

Brief notes about new books and articles. Nov i noveish ist. no. 6 119-151 '61.

Historical articles published in foreign periodicals. Nov. i noveish. ist. no. 6 158-163 '61

BIBLIOGRAPHY—HUNGARY

[New literature on European people's democracies' Hungary] Nov. lit. po evrop. stran. nar. dem: Veng. no. 7/12 '61.

BIBLIOGRAPHY—HUNGARY—COMMUNIST PARTY

The Institute of the History of the Communist Party of Hungary and its publications. E. M. Kan Trudy Bibl AN SSSR 5 118-150 '61

BIBLIOGRAPHY—HUNGARY—ECONOMIC CONDITIONS

Hungarian People's Republic Kal znam i pam dat 7 no 4 9-13 Ap '62.

BIBLIOGRAPHY—HYDRAULIC STRUCTURES

From the pages of foreign magazines. Gidr. stroi. 32 no. 1:49-53 Ja '62.

BIBLIOGRAPHY—HYDRAULICS

Annotated list of works published by the Institute of Hydrology and Hydraulic Engineering of the Academy of Sciences of the Ukrainian S. S. R. during 1957-1959. S. I Shtepanek. Visti Inst gidrol. i gidr. AN URSR 18 113-115 '61.

Information of publications of the Kazan Branch of the Academy of Sciences of the U. S. S. R. on problems in power engineering and water economy Izv. Kazan. fil AN SSSR. Ser. energ. i vod khoz. no 2:96-98 '61.

Literature on meteorology, hydrology, and oceanography published in 1961 (continuation). Meteor. i gidrol. no. 3: 61-64 Mr '62.

BIBLIOGRAPHY—IMMUNOLOGY

Soviet literature on problems in microbiology, immunology, infectious diseases and epidemiology for the fourth quarter of 1959 (conclusion). Zhur. mikrobiol., epid. i immun. 33 no. 1:153-153 Ja '62.

Soviet literature on the problems of microbiology, immunology, infectious diseases and epidemiology published during the first quarter of 1960. M. L Vil'shanskaia. Zhur. mikrobiol., epid i immun. 33 no 2 149-157 F '62.

BIBLIOGRAPHY—INDUSTRIAL HYGIENE

New books. Antibiotiki 7 no. 3:2,4 of cover Mr '62.

BIBLIOGRAPHY—INDUSTRIAL SAFETY

New books. Bezop. truda v prom. 6 no. 3:35-36 Mr '62.

BIBLIOGRAPHY—INTERNATIONAL RELATIONS

[New foreign books on the social sciences; economics, philosophy, history, international relations] Nov. knigi za rub. po obshchestv. naukam; ekon., filos., ist., mezhdunar. otn. 5 no. 3 Mr '62.

BIBLIOGRAPHY—KNITTING MACHINES

Books on the assembly and repair of knitting machines. V. IA. Kumenskii. Tekst. prom. 22 no. 2:89-90 F '62

BIBLIOGRAPHY—LABOR AND LABORING CLASSES

New books. Sots. trud 7 no. 3:151-159 Mr '62.

Selected bibliography on the problems of labor and wages. Biul. nauch. inform. trud i zar. plata 5 no. 3:70-78 '62.

BIBLIOGRAPHY—LANGUAGE AND LANGUAGES

[New foreign literature on linguistics] Nov. inostr. lit. po iaz. no. 12 '61.

[New Soviet literature in linguistics] Nov. sov. lit. po iaz. no. 12 '62.

BIBLIOGRAPHY—LAW

Current Soviet legal literature, November 1961-January 1962 Sov. gos. i pravo 32 no. 4:153-159 Ap '62.

BIBLIOGRAPHY—LEATHER INDUSTRY

New books. Kozh.-obuv. prom. 4 no. 1:38-39 Ja '62.

BIBLIOGRAPHY—LENIN, VLADIMIR IL'ICH, 1870-1924

Day in commemoration of V. I. Lenin Kal. znam i pam. dat 7 no. 4:36-43 Ap '62.

Lovin, L. A. [Bibliography of bibliographies of the works of K. Marx, F. Engels, and V. I. Lenin] Bibliografiia bibliografii proizvedenii K. Marksa, F. Engel'sa, V. I. Lenin. Moskva, Gos. izd-vo polit. lit-ry, 1961. 238 p.

New books. Part. zhizn' no. 7:74-75 Ap '62.

BIBLIOGRAPHY—LERMONTOV, MIKHAIL IUR'EVICH, 1814-1841

The Lermontov Hall in the library of Pushkin House. F. V. Il'ina Trudy Bibl AN SSSR 5:68-74 '61

BIBLIOGRAPHY—LITERATURE

[Agricultural literature of the U. S. S. R.] Sel'khoz. lit SSSR nos. 10-11 '61

[Information bulletin of new foreign books, received by the Lenin Library. Series 3 Social sciences, belles-lettres, art] Inform. biul. nov. inostr. knig, postup. v Bibl. im. V. I. Lenin. Ser. 3. Obshchestv. nauki, khud. lit., isk. 5 nos. 6, 9 Mr '62.

Moscow. Publichnaia biblioteka. [Consolidated index of bibliographical lists and card catalogs in libraries of the Soviet Union in 1960, social sciences, belles-lettres, and art] Svodnyi ukazatel' bibliograficheskikh spiskov i kartochek, sostavlennykh bibliotekami Sovetskogo Soiuza v 1960 godu; obshchestvennye nauki, khudozhestvennaia literatura, iskusstvo, Moskva, 1961. 108 p.

BIBLIOGRAPHY—LITERATURE—HISTORY AND CRITICISM

[New foreign literature on the study of literature] Nov. inostr. lit. po lit. no. 12 '61.

BIBLIOGRAPHY—LITHUANIA

Lietuvos TSR Mokslu akademija. Vilna. Centrine biblioteka. [Bibliography of books and articles by members of the Academy of Sciences of the Lithuanian S. S. R.] Lietuvos TSR Mokslu akademijos darbuotoju knygu ir straipsniu bibliografija, 1950. Vilnius, 1961. 247 p.

Lietuvos TSR Mokslu akademija. Vilna. Centrine biblioteka. [Bibliography of books and articles published by the Academy of Sciences of the Lithuanian S. S. R. and its members for 1958] Lietuvos TSR Mokslu Akademijos ir jos darbuotoju knygu ir straipsniu bibliografija 1958. Vilnius, Lutkiasciu ir zurnalu leidykla, 1961. 235 p. [In Lithuanian]

BIBLIOGRAPHY—LITHUANIAN LITERATURE—HISTORY AND CRITICISM

Lietuvos TSR Mokslu akademija. Vilna. Lietuviu kalbos literaturos institutas. [Soviet Lithuanian literature and criticism, 1956-1960; a bibliographic index] Tarybine lietuviu literatura ir kritika, 1956-1960; bibliografine rodykle. Vilnius, 1961. 326 p. [In Lithuanian]

BIBLIOGRAPHY—LOADING AND UNLOADING

Russia (1923- U. S. S. R.) Ministerstvo putei soobshcheniia. TSentral'naia nauchno-tekhnicheskaia biblioteka. [Mechanization and automation of loading and unloading operations in railroad transportation in the U. S. S. R. and foreign countries; bibliographic index of Soviet literature] Mekhanizatsiia i avtomatizatsiia pogruzochno-razgruzochnykh rabot na zheleznodorozhnom transporte v SSSR i za rubezhom; bibliograficheskii ukazatel' otechestvennoi literatury. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 86 p.

BIBLIOGRAPHY—MARINE ENGINEERING

Design and operation of marine engines and boilers. Sudostroenie 28 no. 2:43 F '62.

Ship systems and devices. Sudostroenie 28 no. 2.31 F '62.

Technology of shipbuilding and marine engineering. Sudostroenie 28 no 2:53 F '62

BIBLIOGRAPHY—MARX, KARL, 1818-1883

"Capital" by K. Marx. Kal. znam i pam dat 7 no 4: 18-22 Ap '62.

Lovin, L. A. [Bibliography of bibliographies of the works of K. Marx, F. Engels, and V. I. Lenin] Bibliografiia bibliografii proizvedenii K. Marksa, F. Engel'sa, V. I. Lenin. Moskva, Gos. izd-vo polit. lit-ry, 1961. 238 p.

BIBLIOGRAPHY—MATHEMATICS

Brief information on the activities of the Seminar for the period July 1, 1954 to Dec. 31, 1957. Trudy Sem. po vekt. i tenz. anal. no 11:19-24 '61.

Contribution of the Publishing House of the Academy of Pedagogical Sciences to mathematics teachers in 1962. V. Fat'ianov. Mat. v shkole no. 2,76-77 Mr-Ap '62.

Publications of the State Publishing House for Pedagogical Literature for mathematics teachers in 1962. S. A. Ponomarev. Mat. v shkole no 2,77-79 Mr-Ap '62.

BIBLIOGRAPHY—MEAT INDUSTRY

[News of technological literature. Series: "Meat and Dairy Industry"] Nov. tekh. lit. Ser.: "Miaso-moloch. prom." nos. 1-4 '61.

BIBLIOGRAPHY—MECHANICAL ENGINEERING

New books. Mashinostroitel' no. 3:48 Mr '62.

Review of foreign periodicals. Vest. mash. 42 no. 3 92-95 Mr '62.

BIBLIOGRAPHY—MEDICAL LABORATORIES

New books. Antibiotiki 7 no. 3:2,4 of cover Mr '62.

BIBLIOGRAPHY—MEDICAL MICROBIOLOGY

Soviet literature on problems in microbiology, immunology, infectious diseases and epidemiology for the fourth quarter of 1959 (conclusion). Zhur. mikrobiol., epid. i immun. 33 no. 1:153-153 Ja '62.

BIBLIOGRAPHY—MEDICINE

The following books are on sale. Sov. med 25 no. 2 4 of cover F '62

[Information bulletin of new foreign books, received by the Lenin Library. Series 2: Biological, Medical, and Agricultural Sciences] Inform. biul. nov. inostr. knig, postup. v Bibl. im. V. I. Len. Ser 2: Biol., med. i sel'khoz. nauki 5 nos. 6, 9, 10 Mr-Ap '62.

New books Feld i akush 27 no 2 61-62 F '62

New books. L. S Nemirovskii Vrach. delo no 2 156 F '62

New books. Pat. fiziol. i eksp. terap. 6 no. 1,4 of cover Ja-F '62.

New books Sov. zdrav 21 no. 2 52 '62

New books. Vest. AMN SSSR 17 no. 1:4 of cover '62

New books. Vop. okh. mat. i det. 7 no. 1:4 of cover Ja '62.

New books. Vop. okh. mat. i det. 7 no. 2 2,4 of cover F '62.

New books. Zdrav. Kazakh. 21 no. 12:4 of cover '61.

New books Zdrav. Kazakh 22 no 1 1 of cover '62

Publishing House of the Academy of Sciences of the U. S. S. R. is preparing these books for printing according to its plan for 1962. Sov zdrav. 21 no. 3,3 of cover, 4 of cover '62.

State Publishing House for Medical Literature announces the following editions for 1962 publication Biul eksp biol i med 52 no. 11,3-4 of cover N '61.

BIBLIOGRAPHY—METALLURGICAL ANALYSIS

Books on investigation methods to be published in 1962 Zav. lab 28 no 2 255 '62

New books Zav lab 28 no 2 255-256 '62.

BIBLIOGRAPHY—METEOROLOGY

Literature on meteorology, hydrology, and oceanography published in 1961 (continuation). Meteor. i gidrol. no. 3: 61-64 Mr '62.

BIBLIOGRAPHY—MICROBIOLOGY

Dissertation defense. I. V. Konova Mikrobiologiia 31 no. 1 188-189 Ja-F '62

New books. Zhur. mikrobiol., epid. i immun. 33 no. 1 3-4 of cover Ja '62.

Soviet literature on the problems of microbiology, immunology, infectious diseases and epidemiology published during the first quarter of 1960 M. L Vil'shanskaia Zhur mikrobiol., epid i immun 33 no. 2 149-157 F '62

BIBLIOGRAPHY—MILITARY ART AND SCIENCE

The books for military personnel which will be published in 1962. A. Marinov. Komm. Vooruzh Sil 2 no. 2:88-91 Ja '62

Defenses of the country. L. Chernous'ko. V mire knig 2 no. 2 12 F '62.

BIBLIOGRAPHY—MINERALS IN SOIL

Soil mineralogy. Pochvovedenie no 2 119 F '62

BIBLIOGRAPHY—MINERS IN LITERATURE AND ART

New books. Reviewed by M. Shekhter Sov. shakht. 11 no 4:45 Ap '62

BIBLIOGRAPHY—MINING ENGINEERING

From the history of Russian publications in mining engineering E. Faerman Sov shakht. 11 no. 4.44 Ap '62.

New books. Shakht. stroi. 6 no. 3:32 Mr '62.

BIBLIOGRAPHY—MOSCOW—CONSTRUCTION INDUSTRY

Index of the articles which appeared in "Stroitel'stvo i Arkhitektura Moskvy" during 1961. Stroi. i arkhit Mosk. 10 no. 12:36 D '61.

BIBLIOGRAPHY—MOSCOW, BATTLE OF, 1941-1942

Books on the great battle around Moscow. Voen. vest. 41 no. 12, 119 D '61.

BIBLIOGRAPHY—MOTION PICTURES

I

Vol. 3. [Supplements] Prilozhenila, 1961. 305 p.

BIBLIOGRAPHY—MOTOR VEHICLES

New books. Za rul. 20 no. 3:31 Mr '62.

BIBLIOGRAPHY—MUSIC

Levina, E. E. [Music; a recommended reading list] Muzyka; rekomendatel'nyi ukazatel' literatury. Moskva, Gos. izd-vo "Iskusstvo," 1960. 98 p. (Rekomendatel'nyi ukazatel', no. 9)

BIBLIOGRAPHY—NERVOUS SYSTEM

Books from the publishing house of the Academy of Sciences of the U. S. S. R. Zhur. nevr. i psikh 62 no. 3: 4 of cover '62.

BIBLIOGRAPHY—NUTRITION

The following books are for sale. Vop. pit. 21 no. 2: 2-3 of cover Mr-Ap '62.

Russian literature on hygiene and sanitation for the 2d half of 1960. V. A. Nevskii. Gig. i san. 26 no. 9: 107-114 S '61.

BIBLIOGRAPHY—OCEANOGRAPHY
Literature on meteorology, hydrology, and oceanography published in 1961 (continuation) Meteor. i gidrol. no. 3 61-64 Mr '62

BIBLIOGRAPHY—OIL SHALES
Annotated bibliograph, on the processing of oil shales E. A. Soskina Trudy VNIIT no 10 240-266 '61

BIBLIOGRAPHY—ORE DRESSING
Russian and foreign publications on mineral dressing Obog rud. 7 no 1 57-60 '62
Russian and foreign publications on ore dressing Obog rud 6 no 6,59-60 '61

BIBLIOGRAPHY—PAPER
New books Bum. prom 37 no. 3-3-4 of insert Mr '62

BIBLIOGRAPHY—PARIS—COMMUNE, 1871
Day of the Paris Commune Kal znam i pam dat 7 no 3 24-29 Mr '62

BIBLIOGRAPHY—PEDIATRICS
State Publishing House for Medical Literature announces its 1962 publications Vop okh mat i det 6 no 12 2 of cover D '61

BIBLIOGRAPHY—PHARMACOGNOSY
A. F. Gammerman, a list of scientific papers Trudy Len. khim.-farm inst 12 11-13 '61

BIBLIOGRAPHY—PHARMACY
Dissertations Med. prom. 16 no. 2 63-64 F '62.
"Handbook for the pharmacist" by I. K. Gubochkina and A. S. Sokolov. Sov. zdrav. 21 no 2 4 of cover '62.
New books. Med. prom. 16 no 2 2-3 of cover F '62.

BIBLIOGRAPHY—PHILOSOPHY
[New foreign books on the social sciences, economics, philosophy, history, international relations] Nov. knigi za rub. po obshchestv. naukam, ekon., filos., ist., mezhdunar otn. 5 no. 3 Mr '62.
[New foreign literature on philosophy] Nov inostr. lit. po filos. nos 11-12 '61
[New Soviet literature on philosophy] Nov. sov. lit. po filos. no. 12 '61.

BIBLIOGRAPHY—PHOTOGRAPHY
For amateur photographers. V mire knig 2 no. 3:18 Mr '62

BIBLIOGRAPHY—PHYSICAL METALLURGY
New books Metalloved. i term. obr met. no. 2:6, 41, 62-63 F '62.

BIBLIOGRAPHY—PIONEERS (COMMUNIST YOUTH)
Name day of a book. Kul't.-pros rab. 23 no 3, 37-38 Mr '62

BIBLIOGRAPHY—PLAR REGIONS—GEOLOGY
New literature on minerals and the geology of the Arctic and Antarctic regions Inform biul NIIGA no. 16 73-96 '59

BIBLIOGRAPHY—POLYMERS
Journal of polymer science. Vysokom soed. 4 no 3: 472-478 Mr '62.
"Journal of polymer science," no 152, 1961 Vysokom soed 3 no 12 1879-1887 D '61

BIBLIOGRAPHY—PRINTING INDUSTRY
Book reviews V. V. Popov Poligr. proizv. no 2:30-32 F '62

BIBLIOGRAPHY—PUBLIC HEALTH
New books. Sov. zdrav. 21 no 3:97-98 '62.

BIBLIOGRAPHY—RADIO
Bibliography. L. Borisova, G. Kuntavskii Radio no 3: 63-64 Mr '62
Books on radio engineering and electronics for 1962. Radiotekh i elektron. 7 no. 4,723-744 Ap '62.
New books for military radio operators. Voen. vest. 41 no. 12:120 D '61

BIBLIOGRAPHY—RADIOBIOLOGY
List of works written by the members of the Radiobiological Section of the Academy of Sciences of the Armenian S. S. R. Vop. radiobiol. [AN Arm. SSR] 1:11-18 '60.

BIBLIOGRAPHY—RAILROADS
From pages of foreign journals. Zhel. dor. transp. no. 3 91-92 Mr '62

BIBLIOGRAPHY—RAILROADS—FREIGHT
Russia (1923- [illegible]
nila. TSentral'r
[Mechanization
operations in ra [illegible]
and foreign countries; bibliographic index of Soviet literature] Mekhanizatsiia i avtomatizatsiia pogruzochno-razgruzochnykh rabot na zheleznodorozhnom transporte v SSSR i za rubezhom; bibliograficheskii ukazatel' otechestvennoi literatury. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenita, 1961. 86 p.

BIBLIOGRAPHY—RAILROADS—SIGNALING
Boo's on automatic control, remote control, and communications. Avtom., telem. i sviaz' 6 no. 3 48 Mr '62.
Inaccuracies decrease the value of books. A. M. Stepanov, Avtom., telem. i sviaz' 6 no. 1 46 Ja '62.

BIBLIOGRAPHY—RECLAMATION OF LAND
Soil improvement Pochvovedenie no 2 124-125 F '62

BIBLIOGRAPHY—REFRACTORY MATERIALS
Articles published in the "Ogneupory" journal by I. S. Kainarskii and co-authors Ogneupory 27 no. 2 97-99 '62.

BIBLIOGRAPHY—RUSSIA—ARMY
Soviet soldiers. V. Kazarinov. V mire knig 2 no. 2: 3-4 F '62.

BIBLIOGRAPHY—RUSSIA—ECONOMIC CONDITIONS
Align with the beacon lights! Kal znam. i pam dat 7 no 3 4-10 Mr '62
We are creating the material and technical basis of communism Kal znam i pam. dat 7 no 4 3-8 Ap '62

BIBLIOGRAPHY—RUSSIA—ECONOMIC POLICY
Publications of the Provisional Government and its special economic institutions on the problems of the national economy of Russia, an outline P. V. Bazhanova. Trudy Bibl. AN SSSR 5 75-117 '61

BIBLIOGRAPHY—RUSSIA—FOREIGN RELATIONS
Lenin's policy of peace in action. Polit. samoobr 6 no. 3, 142-141 Mr '62

BIBLIOGRAPHY—RUSSIA—HISTORY
Execution on the Lena River in 1912. Kal znam i pam. dat 7 no 4 32-35 Ap '62.

BIBLIOGRAPHY—RUSSIA—LITERATURES
Kunina, A. A., and Z. P. Shalashova. [Classics of the literature of the peoples of the U. S. S. R.; a recommended reading list] Klassiki literatury narodov SSSR; rekomendatel'nyi ukazatel'. Moskva, Cos. izd-vo "Iskusstvo," 1961. 48 p.

BIBLIOGRAPHY—RUSSIA—NAVY
Pages from the war chronicle of the Soviet Navy. L. Eremeev. V mire knig 2 no. 2 4 F '62.

BIBLIOGRAPHY—RUSSIA—POLITICS AND GOVERNMENT
What to read for the elections to the Supreme Soviet of the U. S. S. R. Kal. znam. i pam dat 7 no. 3 11-13 Mr '62.

BIBLIOGRAPHY—RUSSIAN PERIODICALS
New books Part. zhizn' no. 8:77 Ap '62.

BIBLIOGRAPHY—SCIENCE
[Information bulletin of new foreign books, received by the Lenin Library. Series 1: Physical, mathematical, chemical, geological and geographical sciences; technology and technological sciences] Inform. biul. nov. inostr. knig, postup. v Bibl. im. V. I. Len. Ser. 1: Fiz.-mat., khim. i geol.-geog. nauki, tekh. i tekh. nauki 7 nos. 7, 9, 10, Mr-Ap '62.
New books. Izv. AN Est. SSR. Ser. fiz.-mat. i tekh. nauk 10 no. 2:167 '61.
New books and articles on physics, technology and astronomy. E. M. Braverman. Fiz. v shkole 22 no. 1:99-104 Ja-F '62.
[New foreign books. Series A: Mathematics, mechanics, astronomy, physics, geophysics, chemistry, geology] Nov. knigi za rub. Ser. A: Mat., mekh., astron., fiz., geofiz., khim., geol. 15 no. 3 Mr '62.
Proceedings. Trudy Len. ob-va est. 72 no. 1:11-17 '61.

BIBLIOGRAPHY—SHIPBUILDING
Design and operation of vessels. Sudostroenie 28 no. 2: 23 F '62.
Shipbuilding in foreign countries. Sudostroenie 28 no. 2: 75 F '62.
Technology of shipbuilding and marine engineering. Sudostroenie 28 no. 2:53 F '62.

BIBLIOGRAPHY—SHIPPING
Design and operation of vessels. Sudostroenie 28 no. 2: 23 F '62.

BIBLIOGRAPHY—SHOE MANUFACTURE
New books. Kozh.-obuv. prom. 4 no. 1:38-39 Ja '62.

BIBLIOGRAPHY—SMIDTS, ALEKSANDRS, 1892-
Latvijas [illegible]

(Padomju Latvijas zinatnieki)

BIBLIOGRAPHY—SOCIAL SCIENCES
[Information bulletin of new foreign books, received by the Lenin Library. Series 3: Social sciences, belles-lettres, art] Inform. biul. nov. inostr. knig, postup. v Bibl. im. V. I. Lenin. Ser. 3: Obshchestv. nauki, khud. lit., isk. 5 nos. 8, 9 Mr '62.
Moscow. Publichnaia biblioteka. [Consolidated index of bibliographical lists and card catalogs in libraries of the Soviet Union in 1960; social sciences, belles-lettres, and art] Svodnyi ukazatel' bibliograficheskikh spiskov i kartochek, sostavlennykh bibliotekami Sovetskogo Soiuza v 1960 godu; obshchestvennye nauki, khudozhestvennaia literatura, iskusstvo, Moskva, 1961. 108 p.

BIBLIOGRAPHY—SOIL BIOLOGY
Biology and microbiology of soils. Pochvovedenie no. 2 122 F '62

BIBLIOGRAPHY—SOIL CHEMISTRY
Soil chemistry and methods of analysis [illegible]
no 2 120-122 F '62

BIBLIOGRAPHY—SOIL FERTILITY
Soil fertility, fertilizers, and tillage [illegible]
no. 2:123-124 F '62

BIBLIOGRAPHY—SOIL FORMATION
Factors in soil formation, genesis, geographic [illegible]
raphy of soils. Pochvovedenie no. 2 117 [illegible]

General works and history of soil science [illegible]
no. 2, 126 F '62

BIBLIOGRAPHY—SOIL MICRO-ORGANISMS
Biology and microbiology of soils [illegible]
122 F '62

BIBLIOGRAPHY—SOIL PHYSICS
Physical properties of soil and methods of [illegible]
Pochvovedenie no 2 118-120 F '62

BIBLIOGRAPHY—SOILS
Factors in soil formation, genesis, geographic [illegible]
raphy of soils. Pochvovedenie no. 2 117 [illegible]

General works and history of soil science [illegible]
no. 2, 126 F '62

BIBLIOGRAPHY—STARS, DOUBLE
Koryukov, S. N., M. I. Lavrov, and D. IA. M[illegible] [Bibliography of spectral binary stars] Bibliografiia spektral'no-dvoinykh zvezd. Moskva, Izd-vo Astronomicheskim Sovetom Akad. nauk SSSR
No. 1. [From 0 hrs. to 6 hrs] A. M [illegible] an order of the Committees 5 [illegible] International Astronomical Ar[illegible] Ot 0h do 6h. Sostavlena po poriu [illegible] Komissii 5 i 42 Mezhdunarodnogo [illegible] cheskogo Soiuza. 1961. 153 p.

BIBLIOGRAPHY—STEFANYK, VASYL' SIL'VE[illegible] 1871-1936
Akademiia nauk URSR, Kiev. Biblioteka, Lviv. [Vasyl' Stefanyk; a bibliography] Vasil' Stefanik; bibliohrafichnyi pokazhchyk. Kyiv, Vyd-vo Akad. [illegible] 1961. 166 p.

BIBLIOGRAPHY—SURVEYING
Bibliography Geod i kart no. 2-78-80 1 [illegible]
Shibanov, F. A. [Index of cartographic literature published in Russia from 1800 through 1917] Ukazatel' kartograficheskoi literatury, vyshodivshei v Rossii s 1800 po 1917 god. [Leningrad] Izd-vo Leningr. [illegible] 1961. 222 p.

BIBLIOGRAPHY—TATAR LITERATURE
"Tatar literature; folklore, literary studies, [illegible] of the literature; a bibliography [in Tatar] by [illegible] muilin. Reviewed by R. Dikmukhametov. Vop. [illegible] no. 1:228-220 Ja '62.

BIBLIOGRAPHY—TECHNOLOGICAL INNOVATIONS
Mysteries of technology. M. Vasil'ev, P. Vasil'[illegible] I. Kapustin. V mire knig 2 no. 3:23-24 Mr '62

BIBLIOGRAPHY—TECHNOLOGY
[Information bulletin of new foreign books, [illegible] by the Lenin Library. Series 1: Physical, mathematical, chemical, geological and geographical sciences; technology and technological sciences] Inform. biul. nov. inostr. knig, postup. v Bibl. im. V. I. Len. Ser. 1: Fiz.-mat., khim. i geol.-geog. nauki; tekh. i tekh. [illegible] nos. 7, 9, 10, Mr-Ap '62.
New books. Izv. AN Est. SSR. Ser. fiz.-mat. i tekh. [illegible] 10 no. 2:167 '61.
[New foreign books. Series B: Technology] Nov. [illegible] rub. Ser. B: Tekh. 6 no. 3 '62.

BIBLIOGRAPHY—TELECOMMUNICATION
Books on automatic control, remote control, and [illegible] munications. Avtom., telem. i sviaz' 6 no. 1 [illegible]

BIBLIOGRAPHY—TEXTILE FABRICS
What to read about the quality, assortment, dyeing and finishing of textile fabrics. Tekst. prom. [illegible] 60-61 Mr '62.

BIBLIOGRAPHY—TEXTILE INDUSTRY
From pages of periodicals of economic council's [illegible] prom. 22 no. 2:94-95 F '62.
From pages of periodicals of economic regions [illegible] prom. 22 no. 3:92-93 Mr '62.
What to read on the automation and mechanization of operations in textile manufacture. Tekst. prom. [illegible] no. 2:90-93 F '62.

BIBLIOGRAPHY—THEOLOGY
The library of Feofilakt Lopatinskii. A. N. [illegible] Trudy Bibl. AN SSSR 5:157-166 '61.

BIBLIOGRAPHY—TILLAGE
Soil fertility, fertilizers, and tillage. Pochvovedenie no. 2:123-124 F '62.

BIBLIOGRAPHY—UKRAINE—ECONOMIC POLICY
Kiev. Derzhavna respublikans'ka biblioteka [illegible] KPRS. [The Ukraine in the seven-year plan, a bibliography] Ukraina v semyrichtsi, [illegible] anotovanyi pokazhchyk literatury. Kyiv, Derzhpolitvydav URSR, 1960. 54 p. (Metodyka bibliotechnoi roboty ta bibliografiia)
(MH)

BIBLIOGRAPHY—UKRAINIAN LITERATURE
Brief book reviews. Sov. Ukr. 12 no. 1,167-191 Ja '62

BIBLIOGRAPHY—VANAGS, GUSTAVS, 1891-
Latvijas P ... patnu
akademi ... ielan
Gustavs ... Gustavs
Vanags; ... zinatnu
akademi ... ju
Latvijas zinatnieki)

BIBLIOGRAPHY—VIROLOGY
New books. Vop. virus. 7 no. 1-3 of cover Ja-F '62.

BIBLIOGRAPHY—WAGES
Selected bibliography on the problems of labor and wages. Biul. nauch. inform trud i zar plata 5 no. 3-76-76 '62

BIBLIOGRAPHY—WELDING
Foreign publications on welding. E. P. Svar. proizv. no. 1:48 Ja '62.
Soviet publications on welding. V. N. Svar. proizv. no. 1, 47 Ja '62.

BIBLIOGRAPHY—WOMEN
International Women's Day Kal znam i pam. dat 7 no 3 14-20 Mr '62

BIBLIOGRAPHY—WOODPULP
New books. Bum. prom. 37 no. 3:3-4 of insert Mr '62.

BIBLIOGRAPHY—YAKUTIA—CULTURE
Yakut Autonomous Soviet Socialist Republic Kal znam i pam. dat 7 no 4 44-48 Ap '62

BIBLIOGRAPHY—YAKUTIA—ECONOMIC CONDITIONS
Yakut Autonomous Soviet Socialist Republic. Kal znam i pam dat 7 no 4 44-48 Ap '62

BIBLIOGRAPHY (THEORY, METHODS, ETC.)
The historical development of subject matter, purpose, methods and forms of bibliography K R. Simon Trudy Bibl AN SSSR 5 7-23 '61
The summarizing function of special bibliography. D D. Ivanov Trudy Bibl. AN SSSR 5, 24-67 '61.

BIBLIOGRAPHY (THEORY, METHODS, ETC.)—CONGRESSES
Soveshchanie po spravochno-bibliograficheskoi rabote, Moscow, 1961. [Collection of materials of the Conference on Reference and Bibliographical Work] Sbornik materialov. Moskva, Gos. biblioteka SSSR, im. V. I. Lenina, 1962. 215 p.

BICHURIN, N. IA. see IAkinf, monk, 1777-1853

BICILLIN
Treatment of early pneumonias in influenza using bicillin-3 [with summary in English]. A. A. Alekseeva, E. S Efimova, T. G Terent'eva Antibiotiki 6 no. 11: 975-979 N '61.

BIEGANSKI, WLADYSLAW, 1857-1917
Rafes, IU. I. [Ukrainian-Polish medical relations] Z ukrains'ko-pol's'kykh zv'iazkiv u medytsyni. Kyiv, Derzh. med. vyd-vo URSR, 1961. 77 p. (DNLM)

BIKIN VALLEY—BASALT
New data on the age of basalts in the upper Bikin River (central Sikhote-Alin' Range). K. M. Khudoley, I. A. Sivertseva. Inform. sbor. VSEGEI no. 16:45-49 '59.

BILE
Change in the content of the total iron in the blood of dogs during chronic loss of bile. R. K. Ivanova. Pat. fiziol. i eksp. terap. 6 no. 1:87-88 Ja-F '62.
Changes in the pancreas and spleen in cholemia [with summary in English]. L. N. Popova. Vest. khir. no. 9: 64-70 '61.
Characteristics of the action of Orenburg mineral water on the bile secreting function of the liver in an experiment and in the clinic [with summary in English]. S. S. Ozer'er. Terap. arkh. 34 no. 3:87-91 '62.

BILE DUCTS—DISEASES
Activity of the enzyme aldolase in healthy children and in angiocholecystitis [with summary in English]. E. I. Druzhinina. Vop. okh. mat. i det. 7 no. 2:23-26 F '62.
Choledochoduodenostomy as internal drainage of the common bile duct and blind suturing of it in inflammatory diseases of the bile ducts [with summary in English]. T. A. Grasmik. Vest. khir. no. 9:70-76 '61.

BILE DUCTS—HYDATIDS
Echinococcosis of the gall bladder and bile ducts. A. F. Ansimov. Khirurgiia no. 3:106-107 '62.

BILE DUCTS—RADIOGRAPHY
Operative roentgenomanometry of the bile ducts in an experiment [with summary in English]. IU. A. Chistiakov. Eksp. khir. i anest. 6 no. 5:48-52 S-O '61.

BILE DUCTS—SURGERY
Case of surgical reconstruction in injury to the common bile duct. V. F. Panfilova. Khirurgiia no. 3:108 '62.
Management of the postoperative period in operations on the bile ducts [with summary in English]. L. A. Zbykovskaia. Khirurgiia no. 3:14-19 '62.
Operative roentgenomanometry of the bile ducts in an experiment [with summary in English] IU. A Chistiakov Eksp. khir. i anest 6 no. 5 48-52 S-O '61.
Repeated and reconstructive operations on the bile ducts [with summary in English]. Z. A. Topchiashvili. Khirurgiia no. 2:7-14 '62.
Two cases of reconstructive operations on the extrahepatic biliary tracts in combination with an injury of the common bile duct. V A. Revis. Vest. khir. no. 3 107-110 '62.

BILE DUCTS—ULCERS
Closure of an external fistula of the bile duct by means of its implantation into an isolated loop of the small intestine. A P. Lebedev. Khirurgiia no. 3, 109 '62.

BILIARY CALCULI see Calculi, Biliary

BILIARY TRACT
Cholangiomanometry in duodenal stasis [with summary in English]. A. D. Slobozhankin. Vest. khir. no. 8:30-35 '61.

BILIARY TRACT—DISEASES
Gubergrits, A. IA., ed. [Problems in the pathology of the biliary tract; collected scientific works of the First Republic Clinical Hospital] Voprosy patologii zhelchnykh putei; sbornik nauchnykh trudov 1-i Respublikanskoi klinicheskoi bol'nitsy. Izhevsk, Udmurtskoe knizhnoe izd-vo, 1960 222 p. (DNLM)
Laparoscopy in diseases of the liver and biliary tract A. S Loginov. Klin med no 3 20-26 '62
Use of acrichine in treating lambliasis of the biliary tracts associated with Botkin's disease. E D. Polumordvinova. Sov. med 25 no. 2, 130-132 F '62.

BIMETAL see Laminated metals

BINARY ENGINES see Waste-heat engines

BINARY STARS see Stars, Double

BINDING MATERIALS
Composition of gases released by binders. N. D. Egorkina, Z. I. Denisova. Lit. proizv. no. 3 45 Mr '62.
New binder. A. S. Borodin. Lit. proizv. no. 3 46 Mr '62.
Theoretical principles of the production of new expanding waterproof compositions based on portland cement. O. P. Mchedlov-Petrosian, L. G. Filatov. Dokl. AN SSSR 143 no. 2:380-383 Mr '62.

BIOCHEMICAL SOCIETIES
History of the International Federation of Clinical Chemistry. E. J. King. Vop. med. khim. 7 no. 4:445-446 Jl-Ag '61.

BIOCHEMISTRY
Chalisov, M. A., and L. I. Lando. [Biochemical investigations in a psychiatric clinic; methodological instructions] Biokhimicheskie issledovaniia v psikhiatricheskoi klinike; metodicheskie ukazaniia. Pod red. V. M. Banshchikova. Moskva, Gos. nauchno-issl. in-t psikhiatrii, 1960. 97 p. (DNLM)
Chemistry of life. A. V. Palladin. Zdorov'e 6 no. 1:7-8 Ja '62.
Most important problems of plant physiology and biochemistry and prospects for their development during the next twenty years. K. M. Sytnyk. Ukr. bot. zhur. 18 no. 6:3-10 '61.
Severin, S. E. [Biochemical principles of life] Biokhimicheskie osnovy zhizni. Moskva, Izd-vo "Znanie," 1961. 45 p. (Narodnyi universitet kul'tury. Estestvennonauchnyi fakul'tet, no. 27)

BIOCHEMISTRY—ABSTRACTS
[Chemistry: Biological chemistry] Ref. zhur.: Khim.; biol. khim. nos. 3-6 '62.

BIOCHEMISTRY—CONGRESSES
Fifth International Biochemical Congress. A. I. Oparin. Izv. AN SSSR, Ser. biol. 27 no. 1:141-152 Ja-F '62.
Fifth International Biochemical Congress. V. A. Engel'gardt. Zhur. VKHO 7 no. 1:94-96 '62.
Fifth International Biochemical Congress and main problems of the biochemistry of plants. F. L. Kalinin, O. N. Sud'ina. Ukr. bot. zhur. 18 no. 6:114-118 '61.
Fifth International Congress of Biochemists. T. N. Evreinova. Nauch. dokl. vys. shkoly; biol. nauki no. 1: 214-218 '62.
Nucleic acids at the Fifth International Biochemistry Congress in Moscow. B. F. Vanushin. Mikrobiologiia 31 no. 1:179-182 Ja-F '62.
Virology at the Fifth International Biochemistry Congress in Moscow (August 10-16, 1961). V. I. Tovarnitskii. Vop. virus. 7 no. 1:123-126 Ja-F '62.
Work of the section, "Biochemistry of antibiotics," at the Fifth International Biochemistry Congress in Moscow T. A. Uspenskaia. Mikrobiologiia 31 no. 1 182-195 Ja-F '62.

BIOCLIMATOLOGY
Index of the biological effectiveness of climate. N. N. Ivanov. Izv. Vses. geog. ob-va 94 no. 1:65-70 Ja-F '62.

BIOLOGICAL PRODUCTS—DRYING
Spray drying of antibiotics. I. D. Bolko, E. S Bylinkina. Med. prom. 16 no. 2 27-35 F '62.

BIOLOGICAL RESEARCH
Twenty Second Congress of the CPSU and some problems of biological research V. M. Kaganov. Zhur. ob. biol. 23 no. 1:3-11 Ja-F '62
Twenty Second Congress of the Communist Party of the Soviet Union and the objectives of biological sciences. Izv. AN SSSR, Ser. biol. 27 no. 1 3-12 Ja-F '62.

BIOLOGICAL RESEARCH—CONGRESSES
Third conference on the use of mathematical methods in biology. A. E. Vilgeft. Izv. AN SSSR, Ser. biol. 27 no. 1 151-152 Ja-F '62.

BIOLOGICAL SOCIETIES see subdivision under Leningrad

BIOLOGY
Biological science during the period of the building of communism. Biul. MOIP. Otd. biol. 67 no. 1:5-6 Ja-F '62.
"Development of general biological problems in Russia; first half of the 19th century" by S. R. Mikulinskii Reviewed by G. V. Nikol'skii Nauch dokl vys. shkoly, biol nauki no. 1, 210-213 '62
Items from foreign biological publications. N. F. Neuman. Agrobiologiia no. 1:157-158 Ja-F '62.

BIOLOGY—ABSTRACTS
[Biology] Ref. zhur.: Biol. no. 6 '62.

BIOLOGY—BIBLIOGRAPHY see Bibliography—Biology

BIOLOGY—CONGRESSES
Trip to the Czechoslovak Socialist Republic to participate in the work of the scientific conference devoted to the tenth anniversary of the activity of the biological institutes of Czechoslovak Academy of Sciences I N Maiskii. Vest AMN SSSR 17 no 2:90-92 '62.

BIOPHYSICS
Problems in the biophysics of sense organs; general adequateness theory of the activity of sense organs. P. O. Makarov. Trudy Len. ob-va est. 72 no. 1, 139-142 '61.
Verification of the experimental principles of A. Szent-Györgyi's bio-energy concepts. L. A. Tumerman, IU. V. Morozov, IU. I. Naberukhin. Biofizika 6 no. 5, 556-562 '61

BIOPHYSICS—RESEARCH see subdivision under Great Britain

BIOPSY
Significance of pleural biopsy for the purposes of diagnosis, treatment, and examination [with summary in English]. A. Sattler. Grud khir. 1 no. 3:57-62 My-Je '59

BIPYRIDINE
Physicochemical properties of some uranyl compounds with 1, 10-phenanthroline and 2, 2'-bipyridine V. P Markov, V. V. TSapkin Zhur neorg. khim 7 no 3, 490-497 Mr '62.
Study of complex formation between thallium(III) and 1, 10-phenanthroline and 2, 2'-bipyridine by the extraction method. F. IA Kul'ba and others. Zhur. neorg. khim. 7 no. 3 680-690 Mr '62.

BIRCH
Biochemical interaction between pine and birch M V. Kolesnichenko Les. khoz 15 no. 2 10-12 F '62.
Characteristics of the anatomic structure of wood of the Karelian birch (Betula verrucosa forma carelica Soc.) A. I Alekseeva Nauch dokl vys shkoly, biol nauki no. 1 123-128 '62

BIRDS
(see also subdivision under Artek Valley, Baltic States; Zuvintas, Lake)
Birds as children's pets. L. I. Perfil'eva, L. IA. Sheklova, A. A. Sokevich. Doshk. vosp. 35 no. 4 69-73 Ap '62.

BIRDS—BEHAVIOR
Bird markets; "ABC" of animals M. Voinstvens'kyi. Nauka i zhyttia 11 no. 2, 48 F '62.
Birds in March. V. P. Gerasimov Doshk vosp. 35 no 3 72-74 Mr '62.
Effect of the peculiarities of spring on the behavior of birds. A. K. Fedosenko, E. I. Gavrilov. Biul. MOIP. Otd. biol. 67 no. 1:121-122 Ja-F '62.

BIRDS—EGGS AND NESTS
New apparatus for determining air humidity in animal holes and bird nests from a distance. V. E. Sokolov, N. S. Varzhenevskii. Biul. MOIP. Otd. biol. 67 no. 1: 115-119 Ja-F '62.

BIRDS—EMBRYOLOGY see Embryology—Birds

BIRDS—IDENTIFICATION
"Excursion guide to birds of European Russia" by A. N. Sungurov. Reviewed by V. E. Flint. Zool. zhur. 41 no. 3:472-473 Mr '62.

BIRDS—MIGRATION see subdivision under Novosibirsk Reservoir region

BIRDS—PARASITES see Parasites—Birds

BIRDS AS CARRIERS OF DISEASE see subdivision under Pamirs

BIRDS OF PREY see subdivision under Ukraine

BIRSTONAS—DESCRIPTION
Kirsnys, V. Birstonas. [Vilnius, Valstybine politines ir moksslines literaturos leidykla, 1961] pamphlet. [In Lithuanian]

BIRTH, MULTIPLE
Birth of twins in a woman with a uterus bicornis. A. P. Keisar. Kaz. med. zhur., no. 1 65-66 Ja-F '62.

BIRTH INJURIES
Morphological bases for the concepts, "intrauterine asphyxia" and "birth injury" in newborn infants. A. A. Kulikovskaia. Vop. okh. mat. i det., 7 no. 1 8-15 Ja '62.

BISMUTH
Synthesis of pentabismol. N. M. Turkevich. Med. prom. 15 no. 6 24-25 Je '61

BISMUTH-LEAD-MAGNESIUM ALLOYS see Lead-bismuth-magnesium alloys

BISMUTH SELENIDE
Study of the Bi_2Se_3 - As_2Se_3 section of the Bi - As - Se ternary system. E. I. IArembash, E. S. Vigileva, N. P. Luzhnaia. Zhur. neorg. khim. 7 no. 2 346-350 F '62.
X-ray diffraction study of the individual representatives of the Bi - Se system. A. A. Godovikov. Zhur. strukt. khim., 3 no. 1 44-50 Ja-F '62.

BITING MIDGES
Systematics of the early stages (pupae) of biting midges of the genus Culicoides Latr. Sh. M. Dzhafarov. Izv. AN Azerb. SSR Ser. biol. i med. nauk no. 11 57-70 '61.

BITUMEN
(see also subdivision under Yenisey Valley)
Bitumens in Groznaya and Migey carbonaceous chondrites [with summary in English]. G. P. Vdovykin. Geokhimiia no. 2 134-139 '62.
Lubrication of open-hearth ingot molds with bitumen. no. 4-5. G. Medvednikov. Metallurg 7 no. 2:27 F '62.
Using photoelectric fluorimetry for the study of the luminescence of bitumens and petroleums. B. N. Bilianova. Trudy VNIGRI no. 186 432-440 '61

BITUMEN—GEOLOGY see subdivision under Azerbaijan; Shebelinka region

BIZIUKIN, DMITRII DMITRIEVICH, d. 1954
Outstanding scientists. N. A. Smirnov. Sbor. nauch. trudov LISI no. 24 177-182 '56

BLACK EARTH see Chernozem soils

BLACK FLIES
(see also subdivision under Azerbaijan; Rumania)
Winter development of the larvae of black flies (Diptera, Simuliidae) [with summary in English]. V. S. Odintsov. Zool. zhur. 40 no. 12:1832-1841 D '61

BLACK-LEAD see Graphite

BLACK SEA—BENTHOS
Quantitative distribution of benthic macrofauna in the Black Sea off the Caucasian coast. V. N. Nikitin. Dokl. AN SSSR 143 no. 4 968-971 Ap '62

BLACK SEA—DOLPHINS
Commercial fishing of dolphins. A. I. Petrenko. Ryb. khoz. 38 no. 3 44-48 '62.

BLACK SEA—SEDIMENTS (GEOLOGY)
Geothermal measurements in the bottom sediments of oceans and seas. N. N. Sysoev. Okeanologiia 1 no. 5: 886-887 '61.
Stratification of littoral deposits in the eastern part of the Black Sea. A. S. Ionin, F. A. Shcherbakov. Okeanologiia 1 no. 5:866-871 '61.

BLACK SEA—SUBMARINE BOATS
Sakhnin, A. IA. [At the bottom of the sea] Na dne moria. Moskva, Voen. izd-vo M-va oborony SSSR, 1961. 40 p. (Geroi-sovremenniki)

BLACK SEA PRESERVE—PARASITES—HERRING GULL
Changes in the helminths of herring gull found in the Black Sea Preserve. V. A. Leonov. Uch. zap. GGPI no. 27:38-57 '60

BLACK SEA PRESERVE—PARASITES—RODENTIA
Material on the helminths of rodents in the Black Sea Preserve. L. S. Shaldybin, V. S. Chanaeva. Uch. zap. GGPI no. 27:81-96 '60.

BLACK SEA REGION—CITIES AND TOWNS, ANCIENT
Maksimova, M. I. [Ancient cities of the southeastern Black Sea region; Sinop, Amis, Trapezunt] Antichnye goroda iugo-vostochnogo Prichernomor'ia Sinopa, Amis, Trapezunt. Moskva, Izd-vo Akad. nauk SSSR, 1956. 363 p.
(ICMILC)

BLACK SEA REGION—GEOLOGY, STRATIGRAPHIC
Correlation of marine and continental Quaternary deposits of the Pontocaspian area. P. V. Fedorov. Trudy Len. ob-va est. 72 no. 1,60-71 '61

BLACK SEA REGION—HYDROLOGY
[Hydrological yearbook] Gidrologicheskii ezhegodnik. Leningrad, Gidrometeor. izd-vo
1958. Vol. 9. No. 0-6. Pod red. A. A. Vlasovoi. 1961. 576
1959. Vol. 2. [Basin of the Black Sea (exclusive of the Caucasus)] Basseln Chernogo morja (bez Kavkaza).
No. 0-1 [Basin of the Black Sea exclusive of the basin of the Dnieper River] Basseln Chernogo morja bez bassejna reki Dnepr. Pod red. O. L. TSelinskoi. 1961. 244 p.

BLACK SEA REGION—WATER, UNDERGROUND
Frolov, N. M. [Underground waters in the western part of the Black Sea artesian basin, conditions of distribution, utilization, paleohydrogeology, and geothermy] Podzemnye vody zapadnoi chasti Prichernomorskogo artezianskogo basseina. Moskva, Izd-vo Akad. nauk SSSR, 1961. 113 p. (Akademiia nauk SSSR. Laboratoriia gidrogeologicheskikh problem. Trudy, vol. 30)

BLADDER—CALCULUS see Calculi, Urinary

BLADDER—CANCER
Case of sarcoma of the bladder in a child. S. A. Shul'der. Vop. okh. mat. i det. 6 no. 12 79-80 D '61

BLADDER—DISPLACEMENT
Prolapse of the bladder through the urinary duct (urachus) in a newborn infant. L. A. Vorokhobov. Vop. okh. mat. i det. 6 no. 12 79 D '61

BLADDER—TUMORS
Combined contrast in the X-ray examination of tumors of the urinary bladder. V. M. Perel'man. Vest. rent. i rad. 37 no. 1,70-71 Ja-F '62.

BLADDERY FEVER see Pemphigus

BLADES—DESIGN AND CONSTRUCTION
Using the method of characteristics with an angle of attack in designing the straight cascade of body profiles. A. M. Gofman. Energomashinostroenie 8 no. 1 23-28 Ja '62

BLAST FURNACES
(see also subdivision under Kursk Magnetic Anomaly, Lipetsk; Novokuznetsk)
Automatic control of the blast distribution to blast furnace tuyeres. TS. P. Krivoi, IU. IA. Treister, E. M. Sherman. Metallurg 7 no. 2:6-8 F '62.
Liuban, A. P. [Analysis of phenomena in the blast furnace process] Analiz iavlenii domennogo protsessa. Pod red. V. G. Manchinskogo. Izd. 2., dop. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1962. 532 p.
Operation of blast furnaces having a capacity of 1719 m^3 with injection of natural gas. Z. I. Nekrasov and others. Stal' 22 no. 3 199-205 Mr '62
Operation of blast furnaces with a capacity of 1719 m^3. B. N. Zherebin and others. Stal' 22 no. 3:210-215 Mr '62

BLAST FURNACES—DESIGN AND CONSTRUCTION see subdivision under Magnitogorsk

BLAST FURNACES—EQUIPMENT AND SUPPLIES
Arrangement for the blast distribution in blast furnace tuyeres. V. V. Burtsev, IU. O. Raev. Metallurg 7 no. 4: 9-10 Ap '62
Charging arrangement with two large bells. A. N. Pokhvisnev, V. P. Tarasov, F. P. Tarasov. Metallurg 7 no. 2:9-11 F '62
Furnaces are being charged automatically. V. G. Gurianov. Metallurg 7 no. 4:13-14 Ap '62

BLAST FURNACES—MAINTENANCE AND REPAIR
Repairing of large bells in blast furnaces. G. F. Rybochkin. Metallurg 7 no. 2:14-15 F '62.

BLAST FURNACES—MODELS
Dismountable models of blast-furnace units. F. V. Kolesnik. Khim. v shkole 17 no. 2 71-77 Mr-Ap '62.

BLASTING
(see also subdivision under Yestyuminskoye region, Sverdlovsk Province)
Breaking coal with deep boreholes in working a thin steep layer. V. M. Zinov'ev, A. F. Kovrigo. Sbor. nauch. trud. Kaz. GMI no. 19:79-81 '60.
Determining the length of delay in short-delay blasting. V. Rakishev. Sbor. nauch. trud. Kaz. GMI no. 19:23-28 '60.
Mechanical tamping stick for charging ascending holes. N. Omarbaev, M. Kim. Sbor. nauch. trud. Kaz. GMI no. 19:116-120 '60.
Using the method of a single blast for chute cross cutting. G. Korovchenko. Sov. shakht. 11 no. 4,30 Ap '62.

BLASTING—HYGIENIC ASPECTS
Acute poisoning by explosion gases. N. Zakhariev, N. Bakrachev, I. Popov. Gig. truda i prof. zab. 4 no. 12:45-47 D '60

BLASTING—SAFETY MEASURES
Parfenov, V. M. [Guide to safety measures for blasters (in open-air operations)] Pamiatka po tekhnike bezopasnosti dlia vzryvnika (na otkrytykh rabotakh). Moskva, Gos. izd-vo lit-ry po stroit., arkhitekt. i stroit. materialam, 1961. 31 p. (Tekhnika bezopasnosti v promyshlennosti stroitel'nykh materialov)

BLASTING—SAFETY REGULATIONS
Russia (1923- U.S.S.R.) Komitet po nadzoru za bezopasnym vedeniem rabot v promyshlennosti i gornomu nadzoru. [Unified safety regulations for blasting operations] Edinye pravila bezopasnosti pri vzryvnykh rabotakh. Izd 3, s prilozheniem dopolnenii i izmenenii, vnesennykh Gosgortekhnadzorom i soiuznykh resp. v 1961 g. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1962. 204 p.

BLEACHING
Economic efficiency of an intensified bleaching of cotton fabrics. I. M. Kataman, N. I. Fedorova. Tr. Ivan. ucheb. zav., tekh. tekst. prom., no. 1:11-17 '62.
Use of sodium chlorite for the bleaching of cotton fabrics. M. G. Shikher, L. A. Gotovtseva, I. A. Bykhkhin. Tekst. prom. 22 no. 3,64-67 Mr '62.

BLEEDING see Hemorrhage

BLIAKHIN, PAVEL ANDREEVICH, 1866-
"Rebellious days" by P. Bliakhin. Reviewed by M. Spiriakhin. V mire knig 2 no. 3:9 Mr '62.

BLIND—EDUCATION
Possibility of using information theory in typhlopedagogics. O. L. Alekseev. Dokl. APN 5 no. 6 [illegible] '61

BLIND-DEAF
IArmolenko, A. V. [Outline of the psychology of blind deaf-mutes] Ocherki psikhologii slepoglukhonemykh. [Leningrad] Izd-vo Leningr. univ., 1961. 101 p.

BLIND SPOT
Changes in the blind spot of the fundus oculi in hypertension. V. I. Shumilova. Sov. med. 25 no. 2 141 [illegible] F '62.

BLIUKHER, VASILII KONSTANTINOVICH, 1889-1938
Dushen'kin, V. V. [From soldier to marshal; life and combat career of V. K. Bliukher, Marshal of the Soviet Union] Ot soldata do marshala; zhizn' i boevoi put' Marshala Sovetskogo Soiuza V. K. Bliukhera. Izd. 2, dop. i ispr. Moskva, Gos. izd-vo polit. lit-ry, 1961. 173 p. (Geroi i podvigi)

BLOK, ALEKSANDR ALEKSANDROVICH, 1880-1921
Something new on Blok. G. Shubol'nikaia. Vop. lit., 5 no. 1:193-197 Ja '62.

BLOOD
Action of the antibiotic olivomycin on the blood of laboratory animals [with summary in English]. F. I. Vertogradova. Antibiotiki 7 no. 3 [illegible] Mr '62
Autolysis of blood in radiation injuries. M. G. Mastbaum. Vop. radiobiol. [AN Arm. SSR] 1:93-101 '60
Changes in the blood of dogs following prolonged low temperature action. V. K. Chaltat. Gig. truda i prof. zab. 5 no. 6 53 Je '61.
Daily and seasonal oscillations in the biochemical blood indices in the lower monkeys [with summary in English]. IU. P. Butnev. Biul. eksp. biol. i med. 51 no. 1 [illegible] Ja '62.
Effect of the preliminary administration of radioactive isotopes on the composition of the peripheral blood and survival of animals later exposed to X-ray radiation in fatal doses [with summary in English]. [illegible] Biul. eksp. biol. i med. 53 no. 2 70-72 F '62
Effect of the use of malt extract on biochemical changes in the blood of athletes during work of different types [with summary in English]. A. F. Kramarenko, [illegible] govets. Vop. pit. 21 no. 2: 37-39 Mr-Ap '62.
Gas exchange, hemodynamics, and respiratory function of the blood in experimental acute diffuse pneumonia and its treatment. N. K. Doronina. Vrach. delo 8 38-46 Ag '61.
Isoserological properties of the blood during [illegible] R. M. Urinson, M. P. Bogolavlenskaia. Med. rad. [illegible] 20-23 '62.
Level of prothrombin, fibrinogen, heparin and of [illegible] tein fractions in the blood prior to and following [illegible] E. P. Stepanian, A. I. Lagutina. Grud. khir. 1 no. 1 52-56 My-Je '59.
Significance of transaminase activity in blood serum [illegible] the differential diagnosis of parenchymatous and [illegible] tivo jaundice [with summary in English]. G. M. [illegible] E. K. IUzefovich. Vrach. delo no. 2 37-40 F '62
Study of the biological activity of blood in some [illegible] al diseases. D. A. Ginzburg. Gig. truda i prof. zab. no. 8,50-52 Je '61.

BLOOD—AGGLUTINATION
Influence of benzene on the leuko-agglutinating and reticulocytogenic properties of sera [with summary in English]. A. IA. IAroshevskii. Biul. eksp. biol. i med. 52 no. 7:40-44 Jl '61.
Method for the industrial preparation of a nonlaetose antigen from the tick-borne encephalitis virus for causing a hemagglutination inhibition reaction [RHA summary in English]. B. F. Semenov, A. I. Resnova. Vop. virus. 7 no. 1,55-59 Ja-F '62.

BLOOD—ANALYSIS AND CHEMISTRY

Clinical evaluation of a hemogram in obstetrical practice. N. A. TSagikian Fel'd i akush 27 no 9 8-12 F '62

Determination of styrol and its chlorine derivatives in the blood V A Filov, V IA Rusin Gig truda i prof zab 4 no 12 47-50 D '60

Quantitative determination of SH groups in whole and protein-free blood by the spectrophotometric method [with summary in English] Kh M Rubina, L A Romanchuk Vop med khim 7 no 6 652-655 N-D '61

BLOOD—CIRCULATION

Calculation of the thermal circulatory index in normal infants. V N. Gromova, T P. Stepanova-Maslauskene. Gig i san. 25 no. 9 41-47 S '61

Changes in cardiovascular activity under the action of elevated atmospheric pressure [with summary in English] V. I Koledinov Gig. truda i prof zab i no 11 25-29 N '60

Dynamics of the changes in the peripheral blood supply in brain tumors [with summary in English]. A IA Kuz'michev Vop neirokhir no 2 21-24 '62

Effect of a model of patent ductus arteriosus on the circulation in a dog [with summary in English]. F I Zagarli, G. IA. Gebel', A A. Kisslev Grud. khir 1 no. 1 26-31 Jl-Ag '59.

Effect of ligation of the inferior vena cava on renal circulation, glomerular filtration, and tubular reabsorption [with summary in English]. V. I. Zenin Grud khir 2 no. 3: 27-32 My-Je '60.

Effect of pressor and depressor substances on the blood flow in the greater and lesser circulation in hypoxic hypoxia [with summary in English]. K. N. Fedorova. Biul. eksp. biol i med 53 no 1 31-36 Ja '62

Greater blood circulation and some mechanisms of compensation in patent ductus arteriosus [with summary in English] M. A. Abrikosova, V. L. Karpman Pat fiziol i eksp. terap 6 no 1, 22-28 Ja-F '62

Hemodynamic study in surgical intervention on the kidneys under local anesthesia. I. K. Kanaev. Kaz med zhur. no 5:64-65 S-O '61

Mechanism of the effect of papaverine on the coronary circulation [with summary in English] I. E Kisin. Biul. eksp. i biol med. 53 no. 1 69-73 '62.

Registration of the blood-flow time in an experiment [with summary in English] V. V. Suvorov Biul eksp. biol. i med. 52 no. 11:119-120 N '61

Rheogram of the liver in normal and pathological conditions [with summary in English]. A. S. Loginov, IU. I Pashkar'. Terap. arkh. 34 no. 3:81-87 '62.

Role of the chemoreceptors of the sinocarotid region in the state of the coronary circulation [with summary in English]. G. A. Aronova. Biul. eksp. biol i med. 53 no. 1 3-7 Ja '62.

"Studies on the clinical physiology of the blood circulation" by V V Parin, F Z. Meerson. Reviewed by N N Savitskii Kardiologiia 1 no. 3 86-87 My-Je '61.

BLOOD—CIRCULATION, DISORDERS OF

Disorders of the cardiovascular system in certain diseases of the digestive system. A. IA. Gubergrits, V. F Mashagatov. Vrach. delo no. 8 6-10 Ag '61.

Diuretic action of novurit and diacarb in circulatory insufficiency U B. Sharapov. Kardiologiia 1 no 3 72-80 My-Je '61

Dynamic electrocardiographic observations during the treatment of chronic circulatory insufficiency using a new cardiac glycoside, corchorizide [with summary in English]. N. G. Belostochnaia Terap arkh. 34 no 3:40-46 '62.

Effect of circulatory disorders and pulmonary edema on the appearance and course of infectious processes (pneumonia). Report No. 2; Effect of pulmonary edema produced by thiourea on the development of pneumonia [with summary in English]. N. G. Palkov. Biul. eksp biol i med. 52 no. 11:47-50 N '61.

Electrolyte metabolism in circulatory insufficiency during the treatment with novurit, hypothiazide and fonurit; preliminary report [with summary in English]. A. IU. Shcheglov. Terap. arkh. 34 no. 3 35-40 '62.

Hemodynamic and electrocardiographic changes during surgery on the thoracic aorta in an experiment [with summary in English] O. K. Skobelkin Grud khir. 3 no 6:52-57 N-D '61

Mandibular necrosis due to circulatory insufficiency. A. M. Solntsev. Vrach. delo no. 2, 145-146 F '62.

Pathogenesis of acute circulatory insufficiency in myocardial infarct. A. V. Vinogradov. Pat. fiziol. i eksp. terap. 6 no. 1:15-21 Ja-F '61.

Some results of the study of circulatory disorders in influenza. N. V. Sergeev, F. L. Leites. Vest. AMN SSSR 17 no. 2:15-22 '62.

Study of blood circulation in the portal and hepatic vein system in portal hypertension [with summary in English]. E. D. Mozhaiskii. Vest. khir no. 9:55-61 '61.

BLOOD—COAGULATION

Factor V content in hypertension [with summary in English]. K. G. Urbaniuk. Vop. med. khim 7 no 3, 270-272 My-Je '61

Function of the physiological anticoagulation system in a reticulo-endothelial block [with summary in English]. V. E. Pastorova, G. I. Roskin, B. A. Kudriashov. Biul. eksp. biol. i med. 52 no. 11:23-26 N '61

Study of the reflex pathways of the physiological anticoagulation system [with summary in English] T. M. Kalishevskaia, B. I Kotliar, B A. Kudriashov Biul eksp biol i med 52 no 7 5-9 Jl '61

BLOOD—COLLECTION AND PRESERVATION

At a collection point. L. Rozhkova. Sov. kras. krest 11 no 1:30 Jl-Ag '61

BLOOD—DISEASES

Changes in the pancreas and spleen in cholemia [with summary in English] L. N. Popova Vest khir. no 9 64-70 '61.

Diagnostic value of the reaction for C-reactive protein in some surgical diseases (Review of Soviet and foreign literature). S. E. Takachinskii, V P. Moiseeva, V. N. Kuznetsova. Vest. khir. no. 8:18-23 '61.

BLOOD—EXAMINATION

Blood picture in healthy guinea pigs [with summary in English] E D Gol'dberg Biul. eksp biol i med 52 no. 7:115-118 Jl '61

Comparative evaluation of the results of studying the content of sodium and potassium in the plasma, whole blood and erythrocytes in some internal diseases N. A Ardamatskii and others. Terap. arkh. 34 no. 2 81-85 '62.

BLOOD—OXYGEN CONTENT

Determining the saturation of blood with oxygen in children using the cuvette oxyhemometery [with summary in English]. L. I. Beloborodova. Vop okh. mat. i det. 7 no. 2:33-36 F '62.

Oxyhemometric studies of chronic nonspecific lung diseases. V. A. Dudova. Kaz. med. zhur. no. 1:73 Ja-F '62.

Registration of the blood-flow time in an experiment [with summary in English]. V. V. Suvorov Biul. eksp biol i med 52 no 11:119-120 N '61

Respiratory function of the lungs and oxygen content in the blood in closed craniocerebral trauma. L. M Rozhdestvenskii Vrach. delo no. 8 60-65 Ag '61

BLOOD—SERUM see Serum

BLOOD—TRANSFUSION

Effect of transfusion of heterogenic blood on the function of the endocrine portion of the pancreas. V. L. Dubrovin, R. M. Glants Pat fiziol. i eksp. terap. 6 no 1, 66-67 Ja-F '62.

Hemotherapy in brucellosis, sepsis, and pleurisy of tuberculous etiology. G. N Kalugina Med. zhur. Uzb no 4:38-41 Ap '60.

Slaidins, J., A. Trilisklis, and S. Purne. [Transfusion of blood and blood substitutes] Asins un asins aizvietotaju parlietsana. Riga, Latvijas Valsts izdevnieciba, 1961. 164 p. [In Latvian] (DNLM)

Use of donor blood components by chicken recipients. B. S. Nikol'skii, A. M. Gromov. Agrobiologiia no. 1:125-131 Ja-F '62.

Use of the operation of partial blood replacement in children with various forms of poisoning T. N Nikonova, L. V Burenkova, P. A Pak Zdrav Kazakh 22 no. 1 37-42 '62

Viability of erythrocytes following the transportation of preserved blood. V. Brabec, J. Fiala. Probl. gemat. i perel. krovi no. 3:53-55 '62.

BLOOD, GASES IN

Blood gases in cardiovascular insufficiency in mitral stenosis. IU. G. Antonov, E. N. Syromiatnikova Kaz med. zhur. no 5:24-25 S-O '61

Changes of oxygen tension in the brain and skeletal muscles in hyper- and hypocapnia [with summary in English]. N. V Sanotskaia. Biul eksp. biol. i med 53 no 2 3-9 F '62

BLOOD AS FOOD OR MEDICINE

Comparative data on the use of hemotherapy and folic acid in undernourishment in infants. A. K. Kadyrov Med zhur Uzb. no. 1 46-48 Ja '62.

Hemotherapy in treating eczema in young children. V. L. Cherniakova Kaz med. zhur no. 5:74 S-O '61

Treatment of some eye diseases using the method of blood implantations after Klukvina V. S. Smutkina. Kaz. med. zhur. no 5:74-75 S-O '61.

BLOOD CELLS

Blood picture and bone marrow hemopoiesis in guinea pigs in acute radiation sickness caused by irradiation on a 25 Mev. betatron [with summary in English] E D Gol'dberg Med rad 5 no 1 28-35 Ja '60.

Characteristics of the blood in white-blooded fish [with summary in English] L. D. Martsinkevich. Arkh. anat. gist. i embr. 41 no. 12:75-78 D '61.

Effect of the ambient temperature on the dynamics of agglutinins, phagocytosis, and the blood picture in an experiment. N. A. Karavanskaia. Gig truda i prof zab. 5 no 6 47-50 Je '61.

Ultraviolet fluorescence of bone marrow and peripheral blood form elements in normal and pathological conditions in men and animals. Report No. 2. Ultraviolet fluorescence of bone marrow and peripheral blood cells in animals in radiation injury. I. IA. Baraskii, E. M. Blumberg, T. M. Kondrat'eva. Biofizika 6 no. 5, 605-609 '61.

BLOOD DONORS

(see also subdivision under Taganrog)

Comparative study of various methods for detecting the dangerous universal donor M Fotino, C. Iancu, S Poppa Probl gemat. i perel krovi no 3 3-8 '62.

Medical workers as donors V. Kozlov. Med. sestra 21 63 Ja '62.

My dear friend the donor! Varvara Karbovskaia Sov kras krest 11 no 4 10-11 Jl-Ag '61

BLOOD GROUPS

Comparative study of various methods for detecting the dangerous universal donor M Fotino, C Iancu, S. Poppa. Probl. gemat. i perel krovi no. 3 3-8 '62.

BLOOD PLASMA

Correlation between erythrocyte and blood plasma radioactivity as an index of the functional state of the thyroid gland [with summary in English]. E. D Chebotareva. Med. rad. no 3 6-8 '62.

Significance of the intensity of thermal tissue injuries in the development of plasma loss in burns [with summary in English] N. I Kochetygov Biul eksp biol. i med 53 no. 1, 37-41 Ja '62.

BLOOD PLASMA SUBSTITUTES

Evaluation of the effectiveness of using the plasma substitute BK-8 for the purpose of parenteral protein nutrition [with summary in English]. M. N. IAtsentiuk. Vest. khir. no. 3:73-74 '62.

Slaidins, J., A. Trilisklis, and S. Purne. [Transfusion of blood and blood substitutes] Asins un asins aizvietotaju parlietsana. Riga, Latvijas Valsts izdevnieciba, 1961. 164 p. [In Latvian] (DNLM)

Some data on the clinical effectiveness of polyvinal [with summary in English]. E. A Senchilo, N. V. Petrov. Vest. khir. no. 8:79-83 '61.

Use of a plasma substitute of polyvinal in the surgical clinic. B. M Gershman. Vest. khir. no 8:83-85 '61.

Use of a plasma substitute solution of polyvinal in the surgical clinic. B M Gershman. Vest. khir. no. 8 83-85 '61.

BLOOD PLATELETS

Chemical composition and metabolism of blood platelets. N. B. Chernak. Vop. med. khim. 7 no. 4 339-353 Jl-Ag '61.

Clinical aspects and treatment of hemorrhagic thrombocythemia. IU I. Lorie, I. V. Crinovskaia. Probl. gemat. i perel. krovi no. 3 27-36 '62.

Morphological and cytochemical study of thrombocytopoiesis in hypersplenism [with summary in English]. R. P Zolotnitskaia Terap. arkh. 34 no 2 61-66 '62.

Nature of hemorrhagic thrombocythemias (on the article of I. A. Kassirskii, "Controversial problems in the theory of osteo- and myelosclerotic leukemias." IA. A Sigidin. Probl. gemat. i perel. krovi no. 3:36-38 '62.

BLOOD PRESSURE

Arterial tone as affected by lead G R Gemke Gig. truda i prof. zab. 4 no 2, 49-53 F '60

Attachment to an electromanometer for continuous measurement of arterial and venous pressure during operations [with summary in English]. IU. S. Petrosian, A. T. Sokolov. Grud. khir. 2 no 1, 115-117 Ja-F '60

Characteristics of the blood pressure in the vessels of the brain in hypertensive, atherosclerotic and involutional psychoses [with summary French] A. D. Dol'nitsyna. Zhur. nevr i psikh. 62 no. 3:422-427 '62

Characteristics of the effect of aminazine on respiration and blood pressure in puppies of various ages [with summary in English]. N. V. Lauer, V. V Pashchenko. Fiziol. zhur. [Ukr.] 7 no. 6, 762-768 N-D '61.

Condition of temporal arterial pressure in myocardial infarction [with summary in English]. V D Troshin. Terap. arkh. 34 no. 2:42-44 '62.

Effect of peracetin (acetyl α-aminonicotine) on respiration and arterial blood pressure. Sh I. Gogiashvili. Soob AN Gruz. SSR 27 no. 3:355-362 S '61

Hydrodynamic mechanisms of increased arterial blood pressure in hypertension. V. L Karpman, M. A. Abrikosova, G. A. Glezer. Terap arkh. 34 no. 3:28-35 '62.

Venous pressure in some diseases in children. F. A. Bogomolova. Zdrav. Bel. 8 no. 1:28-30 Ja '62.

BLOOD PRESSURE, HIGH see Hypertension

BLOOD PRESSURE, LOW see Hypotension

BLOOD PROTEINS

Albumin fractions in blood serum and state of the antitoxic liver function in rabbits following repeated X-irradiation of varying dosage. V. N. Slavnov. Vrach. delo no. 8:26-30 Ag '61.

Blood protein changes in acute leucoses. E. D. Ponomareva. Vest. AMN SSSR 17 no 2:82-89 '62

Change in the protein composition of the blood serum in acute dysentery. A I Ivanov. Klin. med. no 3 80-84 '62.

Change in the protein fractions of the blood serum before and after resection of the stomach. T. A. Kadoshchuk. Vest. khir. no. 9:37-44 '61.

BLOOD PROTEINS (Continued)

Comparative electrophoretic study of protein fractions in sera which gave an either positive or negative result for the immobilization of Spirochaeta pallida and for the Wassermann reaction. I. R. Rikhatev Med zhur Uzb. no. 1 70-72 Ja '62

Comparative study of the protein fractions in brucellosis vaccine serum [with summary in English] T. I. Kharitonova. Zhur. mikrobiol., epid. i immun. 33 no. 1 35-40 Ja '62.

Conference devoted to the chemistry and biochemistry of blood plasma proteins. V. Z. Gorkin. Vop. med. khim. 7 no. 3 329-332 My-Je '61

Effect of plague microbe toxin on blood proteins and the incorporation of methionine-S^{35} into tissue proteins [with summary in English] I. V. Domaradskii, I. M. Klimova, A. A. Tokareva. Vop. med. khim. 7 no. 6 614-619 N-D '61

Effect of various reagents on the results of electrophoretic and saline fractionation of blood serum proteins [with summary in English] V. I. Okulov. Vop. med. khim. 7 no. 6 578-585 N-D '61

Electrophoretic examination of blood serum proteins in hypertension. N. L. Aslanian. Vrach. delo no. 2 46-49 F '62

Electrophoretic method of studying the blood serum proteins for diagnosing latently active rheumatism. A. V. Pospelova. Kaz. med. zhur. no. 1 72-73 Ja-F '62.

Electrophoretic study of protein fractions of the blood serum in experimental hyperthyroidism [with summary in English] K. F. Selivanova. Vop. med. khim. 7 no. 3 246-250 My-Je '61

Extraction from agar blocks of a dye bound to a protein [with summary in English]. A. A. Mtul'berg, I. A. Sytinskii. Vop. med. khim. 7 no. 4:441-442 Jl-Ag '61.

Fractional composition of serum proteins in guinea pigs infected with Cl. perfringens and treated with ekmonovocillin-k or tetracycline [with summary in English]. Iu. S. Tatarinov, Iu. D. Chirkin. Antibiotiki 7 no. 4: 335-339 Ap '62.

Immunological characteristics of serum proteins. Report No. 2. Determination of the amount of protein fractions immunologically related to albumins in globulins [with summary in English] Iu. S. Tatarinov. Biul. eksp. biol. i med. 52 no. 7:81-83 Jl '61.

Influence of ultra-high frequency currents on protein fractions of the blood serum [with summary in English] R. G. Singatullina. Biul. eksp. biol. i med. 52 no. 7: 69-72 Jl '61

Phytotoxicity and electrophoretic changes in the protein fractions of the blood in schizophrenia [with summary in French] M. K. TSaune, M. IA. Upenietse. Zhur. nevr. i psikh. 61 no. 8 1222-1226 '61

Protein fractions in the blood serum in normal children aged 4 to 15. F. Kh. Nazarmukhmedov. Med. zhur. Uzb. no. 5:51-54 My '60

Some functions of blood serum proteins. S. IA. Koplanskii. Terap. arkh. 34 no. 2 3-12 '62.

Study of protein fractions in chronic suppurations of the lungs [with summary in English] R. S. Kolesnikova. Grud. khir. 2 no. 1:82-85 Ja-F '60.

Study of the protein fractions in the blood serum in radiation dermatitis. A. T. Sosnovskii. Zdrav. Bel. 8 no. 1 51-55 Ja '62.

BLOOD SUGAR

Glycemic reactions to adrenaline, insulin and histamine in plague intoxication [with summary in English] A. G. Kratinov, N. M. Khar'kova. Vop. med. khim. 7 no. 3 277-285 My-Je '61

BLOOD TUMOR see Hematoma

BLOOD VESSELS

Utilization of the vascular reaction to nicotinic acid for studying changes in the function of the nervous system in psychiatry [with summary in French] G. Kasai, V. Mate. Zhur. nevr. i psikh. 61 no. 8 1232-1240 '61.

Vascular reflexes from baroreceptors and chemoreceptors in hypothermia. N. Kh. Abdullaev. Med. zhur. Uzb. no. 5:29-32 My '60

BLOOD VESSELS—DISEASES

Conference on vascular diseases. IU. Tokar'. Zdrav. Bel. 8 no. 1 68-69 Ja '62.

BLOOD VESSELS—RADIOGRAPHY see Angiography

BLOOD VESSELS—SURGERY

Cannula method of joining blood vessels employing a decalcinated bone cuff. A. G. Konevskii. Vest. khir. no. 8. 35-39 '61.

Use of ganglion-blocking agents in surgery of the major blood vessels and of the heart [with summary in English]. N. A. Meshcheriakov, B. S. Uvarov, IU. N. Shanin. Grud. khir. 1 no. 4 44-50 Jl-Ag '59.

Vascular anastomosis and its complications [with summary in English]. F. G. Uglov. Grud. khir. 1 no. 3. 39-43 My-Je '59.

BLOOD VOLUME

Minute cardiac volume and the quantities of shunted and circulating blood in dogs with a permanent patent ductus arteriosus [with summary in English]. F. I. Zargarli. Grud. khir. 2 no. 1:48-52 Ja-F '60.

Rate of blood flow in experimental plague [with summary in English] K. M. Mokhin. Biul. eksp. biol. i med. 53 no. 2 17-52 F '62

BLOWERS

Type P-5 lint blower. F. I. Raag. Tekst. prom. 22 no. 3 56-59 Mr '62

BLUNT, WILFRID, 1840-1922

Wilfrid Blunt, an English poet and exposer of colonialism. A. M. Liubarskaia. Strany i nar. Vost. no. 2. 130-142 '61.

BOARDING SCHOOLS

(see also subdivision under Zaikent, Uzbekistan)

Most important task in boarding schools is the care of the youngest children. K. I. Mel'nikova. Nach. shkola 30 no. 4 47-49 Ap '62

Protect or guide? Notes of a boarding school teacher. IU. Azarov. Mol. komm. no. 3 65-67 Mr '62

BOATBUILDING

Sports boat "Bystryi". V. N. Basov. Sudostroenie 28 no. 2:44-45 F '62

BOATS AND BOATING

Sapozhnikov, E. N., V. N. Rodionov, and G. M. Garashchenko. [Manual for an amateur boating enthusiast] Posobie sudovoditeliu-liubiteliu. Kiev, Gos. izd-vo tekhn. lit-ry, 1961. 215 p.

BOBBINS (TEXTILE MACHINERY)

Ways of increasing labor productivity and efficiency of equipment in spinning and weaving factories. A. I. Gaidashev. Tekst. prom. 22 no. 2:36 F '62

BOBRUYSK—AMATEUR THEATRICALS

Amateur theatricals. S. Piatrovich. Belarus' 19 no. 3 28 Mr '62

BOBRUYSK DISTRICT—RESTAURANTS, LUNCHROOMS, ETC.

In a collective farm lunchroom. M. Stallarov. Belarus' 19 no. 3 18 Mr '62

BOBRYSHEVO—FESTIVALS

Festival of Russian winter. V. Fedorchenko. Klub 18 no. 2 20-22 F '62

BODAYBO DISTRICT—STRIKES AND LOCKOUTS—GOLD MINING

Echo of the century, on the 50th anniversary of the Lena events. M. Lebedev. Sov. profsoiuzy 18 no. 7 21-22 Ap '62.

BODY FLUIDS—PRESSURE

Dehydrating action of urea. V. N. Shtok. Vop. neirokhir. no. 2 43-48 '62.

BODY OF REVOLUTION

Nomograms for calculating N and Z over a paraboloid of revolution. N. A. Fedorova. Geofiz. razved. no. 5 45-61 '61

BODY TEMPERATURE

Calculation of the thermal circulatory index in normal infants. V. N. Gromova, T. P. Stepanova-Maslauskene. Gig. i san. 26 no. 9:44-47 S '61.

Changes in body temperature and oxygen consumption in rabbits following administration of amytal sodium [with summary in English]. G. M. Daudova. Biul. eksp. biol. i med. 52 no. 7:48-53 Jl '61

Characteristics of variations in skin temperature in focal lesions of the spinal cord. Sh. Sh. Shamansurova. Med. zhur. Uzb. no. 4:50-52 Ap '60.

Local fluctuations of temperature in the sigmoid convolution of the cerebral cortex in dogs [with summary in English]. V. IA. Berezovskyi. Fiziol. zhur. [Ukr.] 7 no. 6:803-810 N-D '61.

New possibilities of increasing heat resistance of the body in the light of experimental data. F. T. Agarkov. Pat. fiziol. i eksp. terap. 6 no. 1:70-73 Ja-F '62.

Setting standards for local radiant heating during work performed in the cold [with summary in English]. V. K. Kuz'mina. Gig. truda i prof. zab. 4 no. 11 29-34 N '60.

BOGORODCHANY DISTRICT—CONSTRUCTION INDUSTRY

They kept their word. IA. M. Chepil'. Stil. bud. 11 no. 11: 7-8 N '61.

BOGS see Swamps

BOILERS

At the Conference of the Scientific and Technical Councils of the All-Union Heat Engineering Institute (named after F. Dzerzhinskii) and of the Central Scientific Research Institute for Boilers and Turbines. D. F. Peterson. Energomashinostroenie 8 no. 1:46 Ja '62.

Bobrovskii, G. S. [Low capacity boiler systems; industrial, municipal and agricultural] Kotel'nye ustanovki malot moshchnosti; promyshlennye, kommunal'nye i sel'skokhoziaistvennye. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 311 p.

Concerning the utilization of reserve power of turbine and boiler units. A. E. Gel'tman, A. A. Piskarev. Elek. sta. 33 no. 2:2-6 F '62.

Concerning V. V. Mitor's article "[illegible] of the masonry of semiflush baffles [illegible] readers' comments and author's replies] by I. M. Minkov. Inzh.-fiz. zhur. [illegible] Ja '62

New trends in boiler making in capitalist countries. Rozengauz. Biul. tekh.-ekon. informats. [illegible]

Studying the temperature conditions of [illegible] rising and falling motion of the air [illegible] L. IU. Krasiakova. Energomashinostroenie 28-32 Ja '62.

BOILERS—DESIGN AND CONSTRUCTION

Dimensional diagrams in boiler designing. [illegible] lev. Energomashinostroenie 8 no. 1 [illegible]

Leningrad. TSentral'nyi nauchno-issledovatel'skii kotloturbinnyi institut. [Aerodynamic design systems; normative method] Aerodinamicheskii raschet kotel'nykh ustanovok, normativnyi metod. Pod red. S. I. Mochana. Moskva, Gosenergoizdat, 1961. 135 p.

[Graphs for calculating aerodynamic resistance in boiler] raschetov. 32 p. [MK ROLLER]

Modernization of the vertical cylinder [illegible] the Shokhov and VGD systems. I. P. [illegible] Prom. energ. 17 no. 2:8-11 F '62

BOILERS—FIRING

Opik, Ilmar. [Effect of the mineral [illegible] the working conditions of the boiler unit] mineral'noi chasti slantsev na usloviia [illegible] gata. Tallinn, Estonskoe gos. izd-vo, [illegible]

Perli, G. I. [Experience in gas supply and [illegible] the boiler room of an industrial heating plant] Opyt prioma i ispol'zovaniia [illegible] zavodskoi TETs. Leningrad, 1962. [illegible] skii Dom nauchno-tekhnicheskoi propagandy [illegible] peredovym opytom. Seriia: Energetika, [illegible]

Pipe damages of boilers converted to [illegible] Leifman. Prom. energ. 17 no. [illegible]

BOILERS—INCRUSTATIONS

Conditions for sediment formation in the [illegible] number of scale forming substances and [illegible] venting such formations. N. N. Manikin [illegible] 13 no. 2 13-16 F '62

Effect of ultrasonic waves on the process [illegible] tion in steam boilers. N. K. Topyr [illegible] shev. Trudy LIVT no. 6:54-60 '60

BOILERS—SAFETY MEASURES

Russia (1923) Glavnoe upravlenie lokomotivnogo [illegible] stva. [Safety measures for the personnel of boiler rooms] Instruktsiia po tekhnike bezopasnosti pri [illegible] sonala kotel'nykh. Moskva, Vses. [illegible] ob"edinenie M-va putei soobshcheniia, [illegible]

BOILERS—TESTING

Manushin, A. K. [Testing of gas-fired [illegible] ispytanie kotel'nykh ustanovok, rabotaiushchikh na gazovom toplive. Moskva, Izd-vo M-va [illegible] RSFSR, 1961. 66 p.

BOILERS, MARINE

Use of volcanic glass (andesite-basalt) [illegible] of brickwork of steam boiler combustion [illegible] A. Struchkov, L. Korent [illegible] '62.

BOILERS, MARINE—WELDING

Study of automatic electric arc welding [illegible] let butts to the fire tubes of steam boilers. Trudy LIVT no. 6:68-79 '60.

BOL'SHAYA SYNYA VALLEY—CONCRETE [illegible]

Primary color of sandy sediments of the [illegible] in the Pechora coal basin. I. I. Skvortsov, F. I. Entsova. Dokl. AN SSSR 144 no. [illegible]

BOLSHEVISM see Communism

BOL'SHIYE LIAKHVI RIVER—FLOOD [illegible]

Using the materials of snow surveys [illegible] routes in forecasting the spring flood [illegible] by the Bol'shiye Liakhvi River. G. A. [illegible] Tbil. NIGMI no. 9:91-95 '61.

BOL'SHOY KHADYTA-YUGAN VALLEY—[illegible] OBSERVATIONS

Akademiia nauk SSSR. Institut geografii. [illegible] glaciological research: Arctic Urals, [illegible] Materialy glatsiologicheskikh issledovanii [illegible] Ural; meteorologiia. Moskva. [With summary in English]

No. 2. [Principal meteorological [illegible] Osnovnye meteorologicheskie [illegible] 1961. 139 p.

BOLTONITE see Forsterite

BOLTS AND NUTS—TESTING

Effect of heat treatment and of the [illegible] on the strength of bolts. B. I. Alekseev [illegible] Sbor. trud. Inst. mash. i avtom. AN [illegible] '61.

BOMB RECONNAISSANCE
Maturity. D. Maliev. Sov.voin 14 no. 7 18-19 Ap '62.

BOMBARDMENT WITH PARTICLES see Collisions (Nuclear physics)

BOMBING, AERIAL
At high speeds from pitching I. Kachorovskii Av.i kosm. 41 no 2:46-48 '62.
Precession of the course gyroscope and lateral laying R. Daktinovskii. Vest Vozd Fl no 12;79 D '61

BONDS, CHEMICAL see Chemical bonds

BONE
Bone tissue regeneration in animals at various basal metabolism levels [with summary in English] G V Khomullo Biul eksp biol i med 53 no 2 97-101 F '62.
Effect of the rhythm of strontium-90 intake on the kinetics of its elimination from the bones [with summary in English]. IU.M Moskalev. Biul.eksp biol.i med. 53 no.1 59-62 Ja '62.

BONE—SURGERY
Replacement of bone defects by bone grafts following excision of benign tumors [with summary in English]. N.N. Priorov and others Eksp khir.i anest. 6 no.5 3-10 S-O '61

BONE GRAFTING
Matveeva, A.I. [Replacement of skull defects with regenerating bone, the destruction method] Zameshchenie defektov cherepa regeneriruiushchei kost'iu, metod destruktsii. Moskva, Izd-vo Akad. nauk SSSR, 1962. 136 p. illus.
(DNLM)
Replacement of bone defects by bone grafts following excision of benign tumors [with summary in English] N N Priorov and others. Eksp.khir.i anest. 6 no 5, 3-10 S-O '61.

BONE MARROW see Marrow

BONES
Role of argyrophilic fibers in reparative osteogenesis following partial extirpation of the cerebral cortex [with summary in English] M B Rappoport Biul eksp biol i med 53 no. 2 115-117 F '62

BONES—ABNORMITIES AND DEFORMITIES
Reduction of metacarpal second bone of cattle. P.I. Arutiunian. Izv.AN Arm.SSR.Biol.nauki 15 no.2:99-101 '62.

BONES—CANCER
Effect of "fiotpan" and "fiormetosarkolizin" on the osteogenic sarcomas induced by radioactive strontium-90, morphologic changes in them and in some other experimental tumors. S. A. Papoian Vop. radiobiol [AN Arm. SSR] 1:149-163 '60.
Osteogenic sarcomas induced by radioactive strontium-90 and the possibility of their utilization for experimental chemotherapy. S. A. Papoian, S. G. Ambartsumian. Vop radiobiol[AN Arm SSR] 1.137-139 '60.
Use of auto-osteoblastic tissue in the surgical treatment of osteoblastoclastomas in children. M.L. Dmitriev. Ortop., travm.i protez. no 2 15-18 '62.
X-ray characteristics of the osteogenic sarcomas caused by radioactive strontium-90 in rats. S. A. Paponian, F. A. Kherobian, S. G. Ambartsumian. Vop. radiobiol [AN Arm. SSR] 1:141-147 '60.

BONES—RADIOGRAPHY
Rubashova, A. E. [Sectional X-ray diagnosis of diseases of the bones and joints] Chastnaia rentgenodiagnostika zabolevanii kostei i sustavov. Kiev, Gos. med. izd-vo USSR, 1961. 460 p.
(DNLM)
"Tomography of the bones [translated from the Bulgarian]" by G. Khadzhidekov and B. Botev. Reviewed by S. L. Firer. Vest. rent. i rad 37 no. 1:83-84 Ja-F '62.

BONES—TRANSPLANTATION
Copper content of various segments of the bone system in bone autoplasty. A.P.Skoblin. Vest.khir. no.8:60-63 '61.
Glycoproteins in the blood serum during the process of bone tissue regeneration after fractures and transplantation [with summary in English] G. D. Zenkevich. Vop. med. khim 7 no. 6 592-598 N-D '61
Use of bone homografts in surgical practice. G.A. Ellberg, N.I.Grigor'ev. Vest.khir. no.8:71-75 '61.
Use of frozen bone homografts in closed fractures in an experiment. N.P.Demichev. Ortop., travm.i protez. no 2:19-24 '62.

BONES—TUBERCULOSIS
All-Russian Conference on Osteoarticular Tuberculosis (November 17-22, 1961 in Leningrad). IA.M.Krinitskii. Kaz.med.zhur. no.1:99-100 Ja-F '62.
Slyush, K.M. [Osteoarticular tuberculosis; prevention and treatment] Kostno-sustavnoi tuberkulez; profilaktika i lechenie. Moskva, Medgiz, 1961. 65 p. (Nauchno-populiarnaia meditsinskaia literatura)
(DNLM)

BONES—TUMORS
Prognostic significance of microstructural characteristics of osteoblastoclastomas (giant-cell tumors) D. K. Nakashidze Soob AN Gruz SSR 28 no 2,235-241 F '62.

BONUS SYSTEM
Adopting the regulation on bonuses for workers in enterprises, plants, and organizations engaged in collecting, receiving, storing, and delivering repairable scrap bearings Biul.Gos.kom po vop.truda i zar.platy no 2:9-11 '62.
From the editor's mail. Sots.trud 7 no.3,130-135 Mr '62.
Paying bonuses to engineers and technicians in the machinery industry. B.Mikheev. Sots.trud 7 no.3 66-70 Mr '62.
Paying bonuses to the workers for the quality of textile production. S. Churanov. Sots.trud 7 no 3 102-109 Mr '62.
Shelkutto, K.V., and E.N.Borovskaia. [Bonus payments to engineers and technicians according to Soviet law] Premirovanie inzhenerno-tekhnicheskikh rabotnikov po sovetskomu pravu. Moskva, Gos. izd-vo iurid. lit-ry, 1962. 124 p.

BONUS SYSTEM—CONGRESSES
For the further improvement of bonus systems in industry. Sots.trud 7 no.3 49-58 Mr '62.

BOOK EXCHANGES see Exchanges, Literary and *scientific*

BOOK ILLUSTRATION see Illustration of books

BOOK INDUSTRIES
Soviet readers need excellent books. N. I. Spikhnulin. Poligr. proizv. no 2:3-5 F '62

BOOK INDUSTRIES—PERIODICALS
Give eternal service to the people L.Sobolev. V mire knig 2 no.2:1 F '62.

BOOKMOBILES
Gol'bert, K.V., and L.N.Malikova. [Manual for librarians in charge of traveling libraries] Pamiatka bibliotekariu-peredvizhniku Moskva, Gos. biblioteka SSSR im. V.I.Lenina, 1962. 35 p.

BOOKS
(see also subdivision under Germany, East)
"The book; research and materials." Vols 1-5 Edited by N.M.Sikorskii. Reviewed by E.Nemirovskii. Novyi mir 38 no.3:273-276 Mr '62.
Gol'din, A.I. [Acquaintance with books and the stock of bookstores] Znakomstvo s knigoi i fond knizhnogo magazina. Izd.2, dop. i perer Moskva, Izd-vo "Iskusstvo," 1961. 123 p.

BOOKS—REVIEWS
Brief book reviews. Novyi mir 38 no.3:281-284 Mr '62.
Brief notes on books. V mire knig 2 no.2:5,13,16,31-33,57 F '62.

BOOKS AND READING
Checked by life. A.Ulesov and others. V mire knig 2 no.2:25-26 F '62.
Readers ask, suggest and criticize.... V mire knig 2 no.2,16 F '62.

BOOKS FOR CHILDREN see Children's literature

BOOKSELLERS AND BOOKSELLING
(see also subdivision under Abrikosovka; Kazakhstan; Kiev; Minsk; Nosovka; Novocherkassk; Orel; Peshchokopskoye District, Tatar A.S.S.R.; Tbiliskaya)
Answers and comments. Sov.knizh.torg. 14 no.3:43-44 Mr '62.
Arrangement of books in a bookstore A Govorov. Sov potreb.koop 6 no.3 56-59 Mr '62
The book is also a weapon. B. Reznikov. Sov.knizh. torg. 14 no.3 6-9 Mr '62.
Booklovers. A. Kirsanov, P. Vasil'ev, I. Shchegalev. V mire knig 2 no.3:46 Mr '62
Booklovers. V.Kasaurova and others. V mire knig 2 no.2:42-44 F '62.
Gol'din, A.I. [Acquaintance with books and the stock of bookstores] Znakomstvo s knigoi i fond knizhnogo magazina. Izd.2., dop. i perer. Moskva, Izd-vo "Iskusstvo," 1961. 123 p.
Heart to heart talk. Sov.knizh. torg. 14 no.3:24-25 Mr '62.
How to find a good book, some advice to activists. Komsom.zhizn' no.7 31-32 Ap '62.
Improving the qualifications of personnel. E.Kirpichenkov. Sov.knizh. torg. 14 no 3:33-34 Mr '62.
Inspector of a book supply office. F. Kornilushko. Sov.knizh. torg. 14 no.3:34-37 Mr '62.
Interesting seminar. Sov.knizh. torg. 14 no.3:31-32 Mr '62.
Legal advice. A. Dribinskii. Sov.knizh. torg. 14 no 3: 22 Mr '62.
Let's raise the book trade to the level of new tasks. Sov.knizh. torg. 14 no.3:2-4 Mr '62.
Methods of teaching how to select technical books. S Livshits. Sov knizh.torg. 14 no.3,32-33 Mr '62.
Moscow, Leningrad, Kiev Sov.knizh. torg 14 no.3: 44-45 Mr '62.
Paradoxical ... A Orekhova Sov.knizh. torg 14 no 3 21-22 Mr '62.
Smolensk show windows. Sov knizh.torg 14 no.3:20 Mr '62
"Study of bookstore merchandise." Reviewed by L Belova Sov.knizh torg 14 no 3 39 Mr '62.
Warm friendship IU Alin Sov potreb koop 6 no 3 1 Mr '62.

BOOKSELLERS AND BOOKSELLING—EXHIBITIONS
At a special subject exhibition. A Aleksandrov Sov potreb koop. 6 no 3 64 Mr '62

BOOKSTORES see subdivision under Crimea; Kiev, Moscow

BOOT AND SHOE INDUSTRY see Shoe industry

BOOTS AND SHOES
Vinogradov, A. P., E. A. Kochin, and B. F. TSerevitinov. [Leather goods, shoes, furs and pelts] Kozhevenno-obuvnye, pushno-mekhovye i ovchinno-shubnye tovary. Pod red N. A. Arkhangel'skogo. Moskva, Gos. izd-vo torg lit-ry, 1962. 536 p. (Tovarovedenie promyshlennykh tovarov)

BOOTS AND SHOES, FELT see subdivision under Moscow Province

BOOTS AND SHOES, RUBBER
Dimension conformity of rubber galoshes and boots to leather footwear. A A. Pozin, V. P. TSurkan Kozh - obuv. prom. 4 no. 1:18-19 Ja '62.

BORATES—SPECTRA
Use of infrared absorption spectra in the study of structure of natural borates. M. V. Akhmanova. Zhur. strukt.khim. 3 no.1:28-34 Ja-F '62.

BORAZANE
New methods of synthesizing β-monohalo-substituted N-dialkylborazines and N-trialkylborazanes L. L. Shchukovskaia, M. G. Voronkov, O V. Pavlova. Dokl. AN SSSR 143 no. 4.867-869 Ap '62.

BORAZINE
New methods of synthesizing β-monohalo-substituted N-dialkylborazines and N-trialkylborazanes L. L. Shchukovskaia, M. G. Voronkov, O V. Pavlova Dokl AN SSSR 143 no. 4 867-869 Ap '62

BORIC ACID
Compounds of boric acid with hydroxyanthraquinone. T.N Nazarchuk. Ukr.khim.zhur. 28 no 2;233-238 '62.
Reaction of boric acid with alizarin S. L S Serdiuk, U F Silich Ukr.khim.zhur. 28 no 2.226-232 '62

BORING
(see also subdivision under Kazakhstan)
Breaking rock in drilling with high strength shot in a longwall. M. V. Gagulin. Razved.i okh.nedr. 28 no.1:16-21 Ja '62.
Device for measuring the diameter of a borehole IA.M Puchkov. Trudy Gor.-geol. inst. UFAN SSSR no 57: 119-125 '61.
Drilling extra-deep holes. B. I. Vozdvizhenskii. Razved. i okh. nedr. 27 no.12:24-30 D '61.
Practice of an integrated drilling crew. G.M. Tolkachev, G.M. Petrov. Razved.i okh.nedr 28 no.1 47-48 Ja '62.
Shot boring of exploratory holes in a continuous face. M.A.Chopikashvili. Izv.vys.ucheb.zav.; tsvet.met. 5 no.2 9-16 '62.

BORING—EQUIPMENT AND SUPPLIES
Developing equipment and a tool for controlling azimuthal deflection of holes. Z. A Levin. Razved. i okh nedr. 28 no. 2:47-48 F '62.
Lightweight cementing unit for test-hole drilling. V.E. Prianishnikov, A.D. Veisman. Razved. i okh. nedr 27 no.10 36-38 O '61.

BORING—STANDARDS
Russia (1923- U.S.S.R.) Ministerstvo geologii i okhrany nedr. [Uniform standards for test boring; hand-sinking and hand-operated combination drilling] Edinye normy vyrabotki na geologo-razvedochnye raboty (E, N, B.); prokhodka gorno-razvedochnykh vyrabotok vruchnuiu i ruchnoe udarno-vrashchatel'noe burenie. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1955. 43 p.

BORING MACHINERY
(see also subdivision under Poland)
Automatic control of sludging of boreholes. I. L. Mordukhovich, M. Kim. Sbor.nauch. trud. Kaz GMI no. 19:113-115 '60.
BMK-4 boring machine. Shakht. stroi. 6 no 3 3 of cover Mr '62.
Bevel of bits for combination drilling of holes. E. Nikulko, N. V. Mokhov. Sbor. nauch. trud. Kaz GMI no. 19:98-102 '60.

BORING MACHINERY (Continued)

Feed of a bit on the bottom of a borehole for standardizing the drilling process. P. I. Fedotov, P. M. Koshul'ko Sbor. nauch. trud. GMI no. 19 103-108 '60

Laying of a cable duct without digging a trench. I. P. Talashchenko. Avtom., telemekhan. i svyaz' v neft. prom. no. 2 39-40 F '62

New BSK-3 drilling rig with an automatic transmission. L. N. Molochnikov, A. M. Rotenberg. Razved. i okh. nedr. 28 no. 2 21-25 F '62

Practice of using four-roller bits to drill conglomerates. A. S. Borovkov. Razved. i okh. nedr. 28 no. 2 49-51 F '62

Tool for drilling in dry sands. G. A. Savchenko. Razved. i okh. nedr. 28 no. 2 49 F '62

Unscrewing drill pipes by means of a rotor on URB-2A drilling rigs. N. T. Kokorin. Geofiz. razved. no. 5 115-116 '61

Vibrating automatic feed. P. I. Fedotov, E. M. Kurmankulov, A. V. Brichkin. Sbor. nauch. trud. Kaz. GMI no. 19 167-170 '60.

BORING MACHINERY—HYDRAULIC DRIVE

Drilling holes with a hydrohill. I. L. Mordukhovich, G. G. Gavrilov, V. P. Sofrygin. Sbor. nauch. trud. Kaz. GMI no. 19, 54-65 '60.

Hydraulic vibrating automatic feeder. P. I. Fedotov, V. V. Favorskii. Sbor. nauch. trud. Kaz. GMI no. 19 202-207 '60.

BORISOGLEBSK—RAILROADS—FREIGHT

Foremost freight service office. N. N. Sleptsov. Zhel. dor. transp. no. 3 61 Mr '62

BORISOV—CHILDREN'S CLUBS

While such a sector. K. Chikmarev. Klub 11 no. 2 37 F '62

BORNEOL

Cycloalkylation of phenols and their ethers. Part 6. Condensation of phenol with borneol. A. R. Abdurasuleva, S. Achilova. Zhur. ob. khim. 32 no. 3 707-708 Mr '62

BORODYANKA DISTRICT—AGRICULTURE

Let's use the soil in a right way. V. Lozenko. Nauka i zhyttia 11 no. 2 42-43 F '62

BORON

Boron requirement of corn in various stages of ontogenesis. M. F. Martynova. Bot. zhur. 47 no. 3 354-359 Mr '62.

Excitation functions for (γ, d) and (γ, p) reactions on B^{10} and Be^{9} nuclei [with summary in English]. IU. M. Volkov, A. V. Kulikov, V. P. Chizhov. Zhur. eksp. i teor. fiz. 42 no. 1, 61-64 Ja '62.

BORON CARBIDE

Thermodynamics of making titanium and chromium diborides by the boron carbide method. A. N. Krestovnikov, M. S. Vendrikh. Sbor. nauch. trud. GIN I SVETMET no. 33 3-7 '60

BORON CHLORIDES

$SiCl_4$ - $POCl_3$ - BCl_3 system. L. A. Nisel'son, B. A. Voitovich. Zhur. neorg. khim. 7 no. 2 360-363 F '62

BORON HALIDES—SPECTRA

Synthesis, structure, and infrared spectra of boron halides and aryl diazonium tetraphenyl borates. L. A. Kazitsyna and others. Izv. AN SSSR Otd. khim. nauk no. 3 448-453 Mr '62.

BORON ORGANIC COMPOUNDS

Organoboron compounds. Report No. 92. Reactions of boron bonds with some elements. B. M. Mikhailov, T. A. Shchegoleva, IU. N. Bubnov. Izv. AN SSSR Otd. khim. nauk no. 3 413-419 Mr '62

Organoboron compounds. Part 93: Reaction of boron triallyl with ethyl mercaptan. Ethyl esters of diallylthioboronic and allylthioboronic acids and their transformations. B. M. Mikhailov, F. B. Tutorskaia. Zhur. ob. khim. 32 no. 3 833-838 Mr '62.

BORON OXIDE

Effect of boric anhydride on the electrode behavior of simple sodium silicate glasses [with summary in English]. M. M. Shults, A. A. Beliustin. Vest. LGU 17 no. 4 135-142 '62.

BOROWSKI, TADEUSZ, 1922-1951

In memory of Tadeusz Borowski. V. Agrikolianskii. Vop. lit. 6 no. 2 175-177 F '62.

BORZHOMI—MINERAL WATERS

Changes in the secretory activity of the stomach in patients with ulcers following administration of large amounts of the Borzhomi mineral water. Ts. P. Dzhugeli. Soob. AN Gruz. SSR 27 no. 3 363-367 S '61.

BOSPORUS, CIMMERIAN (KINGDOM) see Cimmerian Bosporus (Kingdom)

BOTANICAL CHEMISTRY

Sharapov, N. I. [Laws of chemical mechanisms in plants; on quality of harvest] Zakonomernosti khimizma rastenii; o kachestve urozhaia. Moskva, Izd-vo Akad. nauk SSSR, 1962. 120 p.
(DA)

BOTANICAL DRUG INDUSTRY

Mechanizing the purification of poppy and small-seed medicinal plants. V. P. Ukrainets, I. I. Parkhomenko. Med. prom. 16 no. 1:39-41 Ja '62

Methods of drying the herb Solanum aviculare. N. P. Brink, D. N. Golovko. Med. prom. 15 no. 6 47-48 Je '61.

BOTANICAL GARDENS see subdivision under Moscow, Siberia

BOTANICAL RESEARCH see subdivision under Soviet Central Asia

BOTANY see subdivision under Amu Darya Valley, Amur Valley, Angren Valley, Aralsk-Lob region; Baltic States, Crimea, Fedchenko; Fergana, India, Kazakhstan, Kyzyl Kum, Lapland State Preserve, Lithuania, Mediterranean Sea region; Megri District, Minsk Upland; Nura-Tau, Sahara, Samarkand Province, Tarim Valley

BOTANY—ANATOMY

Anatomy of vegetative organs in Central Asian species of the genus Lagochilus Bge. G. P. Yakovlev. Trudy Len. khim.-farm. inst. 12 123-131 '61.

Pharmacognosy of some hawthorn species. Report No. 1. S. S. Liashenko. Trudy Len. khim.-farm. inst. 12 41-54 '61.

Pharmacognostic study of some Turkmenian Ferula species. E. V. Shiktorova. Trudy Len. khim.-farm. inst. 12 111-118 '61

"Plant anatomy" [in German] by H. Molisch. Reviewed by IU. O. Perova. Ukr. bot. zhur. 18 no. 6 111-113 '61.

BOTANY—DICTIONARIES

(see also subdivision under Kazakhstan)

Kerbabaev, B. B. [Russian-Turkmen dictionary of botanical terms] Russko-turkmenskii slovar' botanicheskikh terminov. Ashkhabad, Izd-vo Akad. nauk Turkmenskoi SSR, 1960. 100 p.

BOTANY—ECOLOGY see subdivision under Leningrad Province; Novosibirsk Reservoir region; Russia, Northern

BOTANY—EMBRYOLOGY

(see also subdivision under Carpathian Mountain region)

Embryology of the apple tree. Report No. 1. L. V. Ivanovskaia. Nauch. dokl. vys. shkoly, biol. nauki no. 1 109-115 '62

Phenology of the embryogenesis of the opium poppy (Papaver somniferum L.). G. M. Il'ina. Nauch. dokl. vys. shkoly, biol. nauki no. 1 116-118 '62.

Structure of the embryo and the germ in the subfamily Andromedoideae (Drude). E. Busch [with summary in English]. N. V. Shilova. Bot. zhur. 47 no. 3 314-353 Mr '62

BOTANY—MORPHOLOGY

Effect of the solution of pollen gametes on the type formation in plants. F. A. Ponomarenko. Agrobiologiia no. 1 132-138 Ja-F '62.

Morphological and anatomical diagnostic characters of the herb of Phlomis pungens Willd. T. D. Bech. Trudy Len. khim.-farm. inst. 12 17-23 '61.

Some morphological and anatomical characters of periwinkle species growing in the Northern Caucasus. D. A. Bocharova. Trudy Len. khim.-farm. inst. 12 25-32 '61.

BOTANY—NOMENCLATURE

Method for naming associations. B. A. Bykov. Bot. zhur. 47 no. 2 233-236 F '62.

Origin of the term "griby" (fungi), from history of the Russian terminology. A. A. Shcherbakova. Bot. zhur. 47 no. 3 149-441 Mr '62.

Regulation of the nomenclature in the taxonomy of higher plants. S. A. Shostakovskii. Bot. zhur. 47 no. 2 223-228 F '62.

BOTANY—PHYSIOLOGY see Plant physiology

BOTANY—TERMINOLOGY

Polysemy of English botanical terms and their varied interpretations in Ukrainian. L. I. Mylovydova. Nauk. zap. Chern. un. 40. Ser. rom.-germ. filol. no. 7 65-75 '60.

BOTANY, ECONOMIC see subdivision under Novosibirsk Province

BOTANY, MEDICAL

(see also subdivision under Georgia; Karachay-Cherkess Autonomous Area, Soviet Central Asia; Tomsk; Transbaikalia)

Fruit instead of medicine. Uzbekistan 21 no. 2, 22 F '62.

Petersone, Anna. [Wild medicinal plants] Savvaļas ārstniecības augi. Riga, Latvijas Valsts izdevniecība, 1961. 457 p. [In Latvian]

Plants as sources of new medicinal preparations and their introduction into cultivation. V. S. Sokolov, I. F. Satsyperova. Trudy Len. khim.-farm. inst. 12 351-359 '61

Protection of medicinal plants concerns the entire nation. V. S. Sokolov, I. F. Satsyperova. Bot. zhur. 47 no. 2: 218-222 F '62.

Terpilo, N. I. [Anatomic atlas of medicinal plants] Anatomicheskii atlas lekarstvennykh rastenii. 2., perer. i dop. izd. Kiev, Gos. med. izd-vo USSR, 1961. 361 p.

BOTTLE WASHING

Simplified injector rack of the GAB bottle-washing machine. I. A. Savchenko. Spirt. prom. 28 no. 2 35 '62.

BOTTLES

Mechanical bottle transfer machine. S. S. Abulkh, A. P. Kozlov. Stek. i ker. 18 no. 11 30-10 N '61

BOTTOM LANDS see Alluvial plains

BOUGIES

Technic of retrograde bougienage in cicatricial strictures of the esophagus in children. I. L. Bregadze, G. D. Shapiro. Vest. khir. no. 3 29-31 '62.

BOULDERS see subdivision under Iniva Valley

BOUNDARY LAYER

Boundary layer and stabilized gas discharge in diffusion radiation. E. A. Romishevskii. Inzh. zhur. 2 no. 1 170-171 '62

Calculating the transition from a laminar boundary layer to a turbulent one caused by a turbulent free-stream flow [with summary in English]. L. F. Kozlov. Inzh. fiz. zhur. 5 no. 3:103-106 Mr '62.

Calculation of a three-dimensional laminar boundary layer on spreading lines. V. S. Avduevskii. Izv. AN SSSR Otd. tekh. nauk. Mekh. i mashinostr. no. 1 37-41 Ja-F '62.

Calculation of a turbulent boundary layer in the presence of substantial positive pressure gradients [with summary in English]. S. S. Kutateladze, A. I. Leont'ev. Inzh. fiz. zhur. 5 no. 1:33-41 Ja '62

Effect of electrolysis on the turbulence, friction and cavitation. A. I. Dolinskov. Sbor. trud. Inst. pishch. prom. no. 9 164-167 '61.

Heat exchange in the turbulent boundary layer of a compressible gas. IU. A. Koshmarov. Inzh. zhur. 2 no. 1 41-54 '62.

Heat transfer from a plate and from the front end of a cylinder placed within a laminar boundary layer of an incompressible fluid in a wide range of Prandtl numbers [with summary in English]. A. A. Andreevskii, P. D. Fedorovich. Inzh.-fiz. zhur. 5 no. 1 85-89 Ja '62

Laminar boundary layer in a multiple-component gas mixture. N. N. Anfimov. Izv. AN SSSR, Otd. tekh. n. Mekh. i mashinostr. no. 1 25-31 Ja-F '62.

Turbulent boundary layer in a gas flow in the presence of heat transfer and in other than unity Prandtl number. IU. V. Lapin. Trudy LPI no. 217 27-36 '61

Turbulent boundary layer with pressure gradients on a porous surface. A. I. Tolstykh. Inzh. zhur. 2 no. 1 79-86 '62.

Unsteady motion of a viscous fluid in a half-space with a porous boundary. D. E. Dolidze. Trudy mat. inst. AN Gruz. SSR 27 333-345 '60

Using the Karman method in calculating the turbulent boundary layer on a plate in a gas flow. L. G. Loitsianskii, IU. V. Lapin. Trudy LPI no. 217 7-16 '61

BOUNDARY VALUE PROBLEMS

Asymptotic representations of generating functions and limit theorems in boundary value problems. A. A. Novikov. Dokl. AN SSSR 143 no. 3, 510-511 Mr '62.

Behavior of the solution to the first boundary value problem with zero conditions at the boundary for a degenerate parabolic equation. IU. M. Chelemnykh. Dokl. AN SSSR 143 no. 3:547-550 Mr '62.

Boundary value problems with small parameters for ordinary linear differential equations. A. B. Vasil'eva. Usp. mat. nauk 17 no. 1 235-241 Ja-F '62

Concerning a certain boundary value problem and the aspects of the inconsistency of solutions. V. P. Gerdt, V. Mat. sbor. 55 no. 4:449-479 D '61.

Difference methods for solving the Cauchy problem for Laplace's equation. L. A. Chudov. Dokl. AN SSSR 141 no. 4:798-801 Ap '62.

Effective boundary condition at the surface of a plane periodic lattice. V. V. Khronov. Atom. energ. 12 no. 4:329-331 Ap '62

Lavrent'ev, M. A. [Variational method in boundary value problems for systems of equations of the elliptic type] Variatsionnyi metod v kraevykh zadachakh dlia sistem uravnenii ellipticheskogo tipa. Moskva, Izd-vo Akad. nauk SSSR, 1962. 135 p.

Method for solving statically indeterminate problems of the two-dimensional flow of ideally plastic bodies. B. A. Druianov. Dokl. AN SSSR 143 no. 4, 806-810 Ap '62

Oscillatory properties of fundamental functions in third order boundary value problems. P. D. Kolesnik. Dokl. AN SSSR 143 no. 3:518-521 Mr '62.

Principle of the maximum for the transport equation. T. A. Germogenova. Zhur. vych. mat. i mat. fiz. 2 no. 1, 169-174 Ja-F '62.

Problem involving a directional derivative. L. I. Kamynin. Sib. mat. zhur. 3 no. 1:17-55 Ja-F '62.

Riemann boundary value problem for functions analytic with respect to groups with two invariants. L. L. Chibrikova. Izv. vys. ucheb. zav., mat. no. 6:121-132 '62.

Riemann's and Hilbert's boundary value problems in the class of generalized functions. V. S. Rogozhin. Sib. mat. zhur. 2 no. 5:734-745 S-O '61.

BOUNDARY VALUE PROBLEMS (Continued)

Rigorous solution to the freezing problem in the case of arbitrary temperature variation at a fixed boundary I. G. Portnov Dokl. AN SSSR 143 no. 3,559-562 Mr '62.

Solution of the basic boundary value problem for a polyharmonic equation of the fourth order in a plane with the method of potentials. Part 3. O. I. Panich. Izv. vys. ucheb. zav. ;mat no. 6 89-96 '61

Some difference systems for solving boundary value problems I. G. D'iakonov Zhur. vych. mat. i mat. fiz 2 no. 1 57-70 Ja-F '62

Some plane boundary value problems for anisotropic elastic bodies T. V. Burchuladze Trudy mat. inst. AN Gruz. SSR 27 293-332 '60

Some problems for M. A. Lavrent'ev's equation IU. M. Krikunov. Izv. vys. ucheb. zav. ,mat no. 6:60-70 '61

Some Riemann boundary value problems with displacements. G. S. Litvinchuk. Izv. vys. ucheb. zav. ,mat no. 6:71-81 '61

Two-dimensional flow of a viscous fluid between nonuniform parallel porous walls D. E. Dolidze, N. P. Dzhorbenadze Trudy mat. inst. AN Gruz. SSR 27 347-357 '60

Use of the selection method in the case of a self-adjoint system of second order. V. B. Lidskii, M. G. Neigauz Zhur. vych. mat. i mat. fiz 2 no. 1:161-165 Ja-F '62.

BRACHIOPODA see subdivision under Karachi, Lake

BRACHIOPODA, FOSSIL
(see also subdivision under Balkhash region; Russian Platform, Severoural'sk region)

Martynova, M. V. [Stratigraphy and brachiopods of the Famennian stage in the western part of central Kazakhstan] Stratigrafiia i brakhiopody famenskogo iarusa zapadnoi chasti tsentral'nogo Kazakhstana. Izd-vo Moskovskogo universiteta, 1961. 208 p., 28 plates (Materialy po geologii tsentral'nogo Kazakhstana, vol. 2) [With summary in English]

BRAGIN REGION—PETROLOGY

Upper Devonian deposits of Bragin and their petrographic characteristics A. S. Makhnach, V. P. Kuriochka, I. I. Urbev. Dokl. AN BSSR 5 no. 10:458-461 O '61.

BRAIN

Changes of oxygen tension in the brain and skeletal muscles in hyper- and hypocapnia [with summary in English]. N. V. Sanotskaia Biul. eksp. biol. i med 53 no. 2:3-9 F '62.

Connection between the oculomotor nerve and the posterior longitudinal fasciculus. A. M. Mukhtarov. Med. zhur. Uzb. no. 4:42-45 Ap '60.

Effect of the developmental rate of the sense organs and living conditions on the development of brain in vertebrates [with summary in English]. B. S. Matveev. Zool. zhur. 40 no. 12:1775-1784 D '61.

Electrical activity of the reticular formation of the midbrain of a rabbit during the formation of a dominant focus in the cerebral cortex [with summary in English] P. I. Kulinin, A. A. Sokolova Zhur. vys. nerv. deiat. 11 no. 6 1112-1119 N-D '61.

Electromagnetic fields of the brain. R. M. Granovskaia. Trudy Len. ob-va est. 72 no. 1,111-115 '61

Morphological changes in the brain following rupture of an aneurysm of the system of anterior cerebral arteries [with summary in French]. A. N. Koltover, I. G. Liudkovskaia Zhur. nevr. i psikh. 61 no. 8 1182-1186 '61

Physiological role of γ-aminobutyric acid. M. N. Muslova. Trudy Len. ob-va est. 72 no. 1:145-146 '61.

"Problem of brain development and the effect on it of harmful factors" by B. N. Klosovskii Reviewed by L. S. Iliasevich. Zhur. nevr. i psikh. 61 no. 8.1270-1271 '61.

Reaction of rhythmic transformation in different sections of a pigeon's brain in response to a doubled rhythmic light stimulus V. I. Guselnikov, V. B. Poltanskii. Nauch. dokl. vys. shkoly, biol. nauki no. 1 83-87 '62.

Reflex regulation of vascular tonus in isolated hypothermia of the brain [with summary in English]. M. A. Kondratovich. Biul. eksp. biol. i med. 53 no. 1 7-11 Ja '62.

BRAIN—BLOOD SUPPLY

"Chest-head" preparation for studying cerebral circulation [with summary in English]. G. I. Mchedlishvili. Biul. eksp. biol. i med. 53 no. 2:123-126 F '62.

Study of the reflex effects from the venous sinuses to the regional cerebral arteries [with summary in English] G. I. Mchedlishvili, L. G. Ormotsadze. Biul. eksp. biol. i med. 53 no. 2:9-13 F '62.

BRAIN—DISEASES

Blagoveshchenskaia, N. S. [Topical significance of disorders of hearing, the vestibular function, smell, and taste in brain lesions] Topicheskoe znachenie narushenii slukha, vestibuliarnoi funktsii, obonianiia i vkusa pri porazheniiakh golovnogo mozga. Moskva, Medgiz, 1962. 271 p.
(DNLM)

Cerebral complications following tonsillectomy [with summary in English] M. IA. Berdichevskii. Sov. med. 25 no. 2:52-57 F '62.

Electrical activity of human muscles in some neuroinfections [with summary in French]. IU. S. Iliasevich. Zhur. nevr. i psikh. 62 no. 3:374-378 '62.

Free amino acids in the cerebrospinal fluid in otogenic intracranial complications [with summary in English]. G. A. Feigin Vop. med. khim. 7 no. 3 291-296 My-Je '61

Role of the influenza virus in the development of diseases of the nervous system [with summary in English]. A. F. Makarchenko and others. Fiziol. zhur. [Ukr.] 7 no. 6 732-744 N-D '61.

Study of optimum methods for checking hypotheses in normal and pathological cases Report No. 3 Disorders in tactile recognition of complex images Experiment on a patient with a local disturbance in a brain lobe O. K. Tikhomirov Dokl. APN 5 no. 6 65-68 '61

BRAIN—HEMORRHAGE

Clinical aspects and prognosis of subarachnoid hemorrhages Z. F. Sheiner. Sov. med. 25 no. 2 105-110 F '62

Prevention of asphyxia and intracranial hemorrhages in newborn infants and the treatment of their sequelae [with summary in English]. I. G. Bronshtein. Vop. okh. mat. i det. 7 no. 1 3-8 Ja '62.

Treatment of multiple aneurysms of the middle cerebral artery complicated by intracerebral hemorrhage L. IA. Livshits, E. L. Melamud Vop. neirokhir no. 2.48-49 '62

BRAIN—INFLAMMATION see Encephalitis

BRAIN—LOCALIZATION OF FUNCTIONS

Consciousness, wakefulness, sleep G. N. Kassil', L. P. Latash. Zdorov'e 8 no. 1 9-11 Ja '62.

Intracerebral topography of the lateral trunk of the oculomotor nerve A. M. Mukhtarov. Med. zhur. Uzb no. 5: 32-35 My '60.

Selectivity in the extinction of the orientation reflex to sound stimuli in dogs during natural and narcotical sleep [with summary in English] M. M. Karimova Zhur. vys. nerv. deiat. 11 no. 6 1065-1073 N-D '61

BRAIN—RADIOGRAPHY

X-ray diagnosis of a chronic subdural hematoma I. I. Epshtein Vest. rent. i rad. 37 no. 1:66-69 Ja-F '62

BRAIN—SURGERY

State of respiration during surgery on the posterior cranial fossa in children under intratracheal anesthesia [with summary in English] N. F. Nikolaeva. Vop. neirokhir no. 2 30-34 '62

Surgical approaches to tumors of the brain through the incisura tentorii [with summary in English] IA. M. Pavlonskii, K. I. Pen'kovoi Vop. neirokhir no. 2:24-27 '62

Surgical treatment of tuberculomas of the brain. A. G. Tishin Med. zhur. Uzb. no. 5:22-27 My '60

BRAIN—TUBERCULOSIS

Surgical treatment of tuberculomas of the brain. A. G. Tishin. Med. zhur. Uzb. no. 5:22-27 My '60

BRAIN—TUMORS

Clinical aspects and surgical treatment of supratentorial angiomas of the brain [with summary in English] Fam za Cheu and others Vop. neirokhir no. 2:13-15 '62.

Clinical aspects of brain tumors in children during the first three years of life. E. S. Bondarenko. Vop. okh. mat. i det. 7 no. 2:17-23 F '62.

Dynamics of the changes in the peripheral blood supply in brain tumors [with summary in English] A. IA. Kuz'michev Vop. neirokhir no. 2 21-24 '62.

Pathology of the anterior choroidal artery in tumors of the brain. A. N. Lebedev Vop. neirokhir no. 2.16-24 '62

Surgical approaches to tumors of the brain through the incisura tentorii [with summary in English]. IA. M. Pavlonskii, K. I. Pen'kovoi Vop. neirokhir. no. 2:24-27 '62.

BRAIN—WOUNDS AND INJURIES

Aleksandrov, N. N., and others. [Wounds of the skull and brain in acute radiation sickness] Ranenila cherepa i golovnogo mozga pri ostroi luchevoi bolezni. Pod red. V. N. Shamova. [Leningrad] Medgiz, 1962. 174 p.
(DNLM)

Effect of injury to the diencephalon and mesencephalon on the electrical activity of the cerebrum in pigeons [with summary in English]. M. G. Belekhova. Biul. eksp. biol. i med. 53 no. 2:31-35 F '62.

Respiratory function of the lungs and oxygen content in the blood in closed craniocerebral trauma. L. M. Rozhdestvenskii. Vrach. delo no. 8:60-65 Ag '61.

BRAKES see subdivision under Moscow

BRANCHIOPODA, FOSSIL see subdivision under Pechora Valley

BRASSICACAE—DISEASES AND PESTS

Role of food factor in the mass reproduction of pests feeding on leaves of the cruciferous plants. L. A. Stepanova. Ent. oboz. 40 no. 3:512-520 '61.

BRATSK—PUBLIC HEALTH

Town in the taiga. Sov. kras. krest 11 no. 4:18 Jl-Ag '61.

BRATSK HYDROELECTRIC POWER STATION—ICE ON RIVERS, LAKES, ETC.

Ice-temperature conditions of the tail race of the Bratsk Hydroelectric Power Station. IA. L. Gotlib, V. M. Lylo, N. I. Smolin. Gidr. stroi. 32 no. 1 17 Ja '62.

BRAZIL—ANTIQUITIES

Secrets of Amazonia Alberto Delrio Nauka i zhizn' 29 no. 1 106-108 Ja '62

BRAZIL—COMMUNIST PARTY

Legendary march of Prestes V. Vladimirov Ogonek 10 no. 14 26 Ap '62

BRAZIL—ECONOMIC CONDITIONS

Fire-spitting continent. V. Tkachenko Sov. voin. 44 no. 5:44-45 Mr '62.

BRAZIL—POISONOUS ANIMALS

Poison saves from death B. Bazunov Vokrug sveta no. 3 11-12 Mr '62

BRAZIL—TRADE UNIONS

A victory for the policy of unity and progress. Benidito Cerqueira Vsem. prof. dvizh. no. 3:32-33 Mr '62

BREAKWATERS
(see also subdivision under Soviet Far East)

Role of surface currents in the dissipation of waves by a pneumatic breakwater. P. S. Nikerov. Gidrotekhnika no. 1:81-87 '61.

BREAKWATERS—TESTING

Large-scale model tests of a floating breakwater. P. S. Nikerov. Gidrotekhnika no. 1 25-30 '61.

BREAM see subdivision under Amur River, Ubinskoye, Lake

BREAST—CANCER

Oncogenic action in rats of tissue culture preparations exposed to the effect of human breast cancer extracts [with summary in English] G. I. Deichman. Biul. eksp. biol. i med. 53 no. 2 85-88 F '62.

BREAST—DISEASES

Rafaikens, Solomons. [You can avoid mastitis if... Translated by V. Spruge] No krusu dziedzeru iekaisuma var izsargaties, ja... Riga, Latvijas Valsts izdevnieciba, 1961. 26 p. (Veselibas biblioteka) [In Latvian]
(DNLM)

BREAST FEEDING

Moslova, L. O. [Breast feeding of infants during their first year of life] Hrudne vyhodovuvannia ditei pershoho roku zhyttia. Kyiv, Derzh. med. vyd-vo URSR, 1961. 12 p.
(DNLM)

BREATHING see Respiration

BREATHING APPARATUS see Respirators

BREWING

Formation of diacetyl and acetoin during the fermentation of brewers' wort [with summary in English] M. T. Denshchikov, S. S. Rykin, A. IU. Zhvirblianskaia Mikrobiologiia 31 no. 1:140-145 Ja-F '62

BREWING—STUDY AND TEACHING

Work experience of the interfactory school in the study of new equipment and processes at the Badaev brewery. A. E. Asianov, M. M. Grigor'ev. Spirt. prom. 28 no. 2:41-42 '62.

BREWING INDUSTRY—EQUIPMENT AND SUPPLIES

Laboratory cascade-multistage unit for the production of beer in a continuous flow. M. T. Denshchikov. Spirt. prom. 28 no. 2:8-11 '62.

BRIBERY

Bribery is a serious crime. M. Kovalev, G. Shelkovkin. Sov. iust. no. 24.10-12 D '61.

BRICK WALLS

Large brick-blocks for walls. N. A. Smirnov. Sbor. nauch. trudov LISI no. 24 46-64 '56.

BRICKS

[Production of bricks, tiles, and drainpipes] Plytu gamybos ir drenu gamyba. [By] V. Jasiukevicius ir kiti. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 961. 258 p. [In Lithuanian]

BRIDGE CIRCUITS

Analysis of a pulse bridge circuit [with summary in English]. E. E. Ildin. Avtom. i telem. 23 no. 3: 407-412 Mr '62.

Improvement of the operating conditions of rectifiers in three-phase bridge circuits. V. V. Voskresenskii and others. Izv. vys. ucheb. zav.; elektromekh. 5 no. 2. 228-232 '62.

Problem concerning the choice of an a.c. bridge circuit. R. L. Kravtsev, B. I. Shvetskii. Avtom. kont. i elek. izm. no. 2:35-46 '60.

Problem concerning the transient operation of a bridge circuit with two thermistors in the adjacent arms. A. A. Gofman. Avtom. kont. i elek. izm. no. 2:149-158 '60.

BRIDGES—DESIGN

New specifications for designing railroad, highway, and city bridges and culverts B K Kozlovskii Avt dor 25 no. 3:28-30 Mr '62

BRIDGES, CONCRETE

"A bridge under the embankment" I. E. Bius, K. V. Samokhvalov, IU. S. Sarkisov Avt. dor 25 no 3:13-14 Mr '62

BRIDGES, RAILROAD see Railroad bridges

BRIDGES, WOODEN see subdivision under United States

BRILL'S DISEASE see Typhus fever

BRINES see subdivision under Angara Valley, Lena Valley

BRIQUETS

Melting an electric arc furnace charge mixture with coal-gypsum briquets D I Lisovskii, A IA Mikhailenko, Shor nauch. trud GINTSVETMET no 33 67-82 '60

BRITISH GUIANA—TRADE UNIONS

British Guiana trade unions are at the crossroads. Harry Evans Vsem. prof. dvizh no 3.17-20 Mr '62

BRNO—EXHIBITIONS

Prospecting equipment at the Brno International Exhibition of 1960 G.A.Blinov Razved. i okh nedr 28 no 1-58 Ja '62

BROMIDES

Complex formation in the system $CoBr_2$ - HBr - H_2O S. N Andreev, V. G. Khaldin. Dokl. AN SSSR 143 no. 2: 335-337 Mr '62

Kinetics of the topochemical interaction of some metal bromides with hydrogen chloride. L. T. Labykina. Izv vys ucheb zav., khim i khim tekh. 4 no 6.943-948 '61

BROMINATION

Conjugated systems Part 153 Bromination of vinylallylacetylene and its homologs. A A. Petrov, IU. I Porfir'eva Zhur. ob. khim. 32 no 3:750-757 Mr '62

BROMINE

(see also subdivision under Kazakhstan)

Choosing the bromine dose in peptic ulcer of the stomach and duodenum E V. Arkhangel'skaia. Kaz med. zhur no 5 72 S-O '61

Comparative results in treating early pregnancy toxemias with bromine, caffeine and aminazine. K A.Kuryshova, F N. Plushchev Sov med 25 no. 2.132-135 F '62.

Extraction of bromine from waste products of synthomycin production. G. S. Klebanov, F. B. Naidis, N. V. Pakhomova Med. prom 16 no. 1.28-34 Ja '62.

Substitution of the mercury atom combined with a saturated carbon atom by halogen. Report No. 5. Interaction of benzyl mercury chloride with bromine in the presence of ammonium in polar solvents. I. P Beletskaia, T. A. Azizian, O A. Ruetov Izv AN SSSR, Otd khim nauk no 3:424-430 Mr '62.

BROMINE COMPOUNDS

Present state and prospects for the development of the production of bromine, iodine, and their compounds. L. A. Amrom, D. S. Stasinevich. Zhur VKHO 7 no. 1: 47-58 '62

BRONCHI

Obstruction of the left lung bronchus by a polyp during right pneumonectomy. E. M. Borovyi, V. M. Vel'skii. Grud khir 1 no. 5:110-112 S-O '59.

Structure of the bronchial tree; schematic outline [with summary in English]. M. I. Shtern. Grud. khir. 2 no. 3:79-82 My-Je '60.

BRONCHI—ABNORMITIES AND DEFORMITIES

Tracheal bronchus and a supernumerary pulmonary lobe [with summary in English]. V. S. Gamov. Grud. khir. 2 no. 3:62-66 My-Je '60.

BRONCHI—DISEASES

Bronchospasm during anesthesia [with summary in English]. V. M. Butanov, G. A. Riabov, E. M. Smirenskaia. Grud. khir. 1 no. 4 77-80 Jl-Ag '59

Diagnosis of bronchial fistulae by brochoscopy. P. I. Kurakov. Grud. khir. 2 no. 3:104 My-Je '60.

Elimination of proserin-induced bronchospasm by air massage of the lungs in an experiment, preliminary report [with summary in English]. N. F. Mistakopulo. Grud khir. 1 no. 4 80-87 Jl-Ag '59

Problem of bronchospasm [with summary in English]. V. P. Smol'nikov. Grud. khir 1 no. 4:72-76 Jl-Ag '59.

BRONCHI—FOREIGN BODIES

Rare case of mediastinal emphysema caused by aspiration of a foreign body into the right bronchus. I. G. Gubanaliev. Azerb. med zhur. no. 12:33-36 D '61.

BRONCHI—RADIOGRAPHY

Bronchography in chronic pleural empyemas K. B. Krymova, V. M. Sergeev. Grud khir. 3 no. 6:77-85 N-D '61.

Changes in the lungs following bronchography [with summary in English]. V. S. Zhdanov Grud. khir 1 no. 4: 62-66 Jl-Ag '59.

Combined bronchoscopy and bronchography under general anesthesia. Grud. khir. 2 no 1.73-76 Ja-F '60

Significance of the contrast medium viscosity for contour bronchography. B. K. Shamov Vest. rent. i rad. 37 no 1 57-58 Ja-F '62.

BRONCHI—SURGERY

Ligation and section of the segmental bronchus in patients with ineffective thoracoplasty [with summary in English] A. A. Savon. Grud khir. 1 no 5:66-70 S-O '59.

One-step operation on the heart and lung for mitral stenosis and bronchoectasis [with summary in English]. D. S. Lushnikov. Grud khir 1 no 3 112-116 My-Je '59.

Use of adhaegon for anesthesia of the tracheobronchial tree [with summary in English] L. S Rozenshtraukh and others. Grud. khir. 2 no 3:82-84 My-Je '60

BRONCHIAL FISTULA see Fistula, Bronchial

BRONCHIECTASIS

Resection of 13 1/2 pulmonary segments in one operation for bilateral bronchiectasis A. P Kolesov, S. A Gadzhiev. Grud. khir. 2 no. 3:47-48 My-Je '60

BRONCHITIS

Case of "isolated" endobronchitis N. A Leshch Vrach. delo no 9 122 Ag '61.

Treatment of bronchial asthma and asthmoid bronchitis with inhalations of isadrine aerosol. Z. V. Sharonova. Kaz. med. zhur. no. 1:34-36 Ja-F '62.

BRONCHOSCOPY

Combined bronchoscopy and bronchography under general anesthesia. Grud. khir. 2 no. 1:73-76 Ja-F '60.

Complications in bronchoscopy. G. I. Lukomskii. Vest. khir. no. 3:99-105 '62.

Diagnosis of bronchial fistulae by brochoscopy. P. I Kurakov. Grud. khir. 2 no. 3:104 My-Je '60

Tracheobronchoscopic examination of patients with pulmonary tuberculosis. M. V. Shesterina Kaz. med zhur. no 5.17-20 S-O '61

BRONCHOSCOPY—EQUIPMENT AND SUPPLIES

Portable apparatus for bronchoscopy. E. A. Vilenchuk Vest. khir. no. 3:115-117 '62.

Universal table for bronchoscopic examinations. G. K. Ordzhonikidze. Vest. khir. no. 3:114-116 '62.

BRONZE

Technology of manufacturing bimetal inserts. V. S. Popov, E. P. Ponomarenko. Lit. proizv. no. 3:37-38 Mr '62

BRONZE AGE see subdivision under Kazakhstan; Nezviska region

BRONZED SKIN see Addison's disease

BRUCELLOSIS

Acousticomyelitic syndrome in brucellosis. M. I. Gabrielian, N. B. Sanfukovich. Med zhur. Uzb. no. 5:19-21 My '60

Clinical morphological characteristics of fatal cases of brucellosis [with summary in English] M. E. Kurmaeva. Klin med no 3 46-50 '62

Comparative study of the protein fractions in brucellosis Vi serum [with summary in English]. T. I. Kharitonova. Zhur. mikrobiol., epid. i immun. 33 no. 1:35-40 Ja '62.

Cytological characteristics of punctates of the liver in brucellosis. V. A. Guzeeva. Zdrav. Kazakh. 21 no. 12: 20-23 '61.

Duration of brucellosis infection in man [with summary in English]. V. M Madzhidov Klin. med. no. 3:39-40 '62

Duration of the immunity in guinea pigs vaccinated with a complex live vaccine against plague, tularemia, brucellosis and anthrax [with summary in English]. S. L. Borod'ko, L. G. Samsonovich. Zhur. mikrobiol. epid. i immun 33 no 2:25-28 F '62.

Electrophysiological study of the state of the central nervous system in experimental brucellosis [with summary in English]. I. I. Poliakov, K. M. Mokhin. Biul. eksp. biol. i med 53 no. 2.52-57 F '62.

Hemotherapy in brucellosis, sepsis, and pleurisy of tuberculous etiology. G. N. Kalugina. Med. zhur. Uzb. no. 4:38-41 Ap '60.

Prognosis of work capacity in patients with brucellosis [with summary in English]. V. N. Leiman. Ter. arkh. 34 no. 2:96-101 '62.

Study of the therapeutic effect of a combination of antibiotics in experimental brucellosis infection [with summary in English]. E. I. Kaitmazova. Antibiotiki 7 no. 4:324-327 Ap '62.

Treatment of brucellosis by intramuscular administration of tetracycline [with summary in English]. V. R. Sobolev, IU. F. Shcherbak. Antibiotiki 7 no. 3:79-83 Mr '62.

Treatment of brucellosis using bee stings (apitoxin). T. I. Perekopskaia. Kaz. med. zhur. no. 5:75-78 S-O '61.

BRUNN see Brno

BRUSSELS—RAILROADS—STATION SERVICE

Mechanized center for the processing of freight documents. A. M. Guba, E. V. Vetukhov. Zhel. dor. transp no. 3: 89-90 Mr '62.

BRYANSK—MACHINERY INDUSTRY

It is the turn of related industries IA Kalpov. Sov profsoiuzy 18 no 3 11-13 F '62

BRYONIA see subdivision under Uzbekistan

BRZHOZOVSKII, ANTON GRIGOR'EVICH, 1870-1961

Anton Grigor'evich Brzhozovskii. A. A. Bocharov. Vrach. khir. no. 8:141-142 '61.

BUBBLES

New design of a bubbler oxidizer. P. G. Volkov. Laboratornaia mat i tekh prim. no 5:81-82 '61

BUBONIC PLAGUE see Plague

BUBRIKH, DMITRII VLADIMIROVICH, 1890-1960

Akademiia nauk SSSR. Institut iazykoznaniia. [Finno-Ugrian linguistics; on the 70th anniversary of the birth of D. V. Bubrikh, Corresponding Member of the Academy of Sciences of the U S S R.] Voprosy finno-ugorskogo iazykoznaniia; k 70-letiiu so dnia rozhdeniia chlena-korrespondenta AN SSSR D. B. Bubrikha Moskva, Izd-vo Akad. nauk SSSR, 1962. 331 p.

BUCHAREST—DESCRIPTION

Diagilev, V. IA., and Dm. Moldavskii. [Road and encounters] Puti i vstrechi. [Leningrad] Lenizdat, 1960. 201 p.
(MH)

BUCHAREST—THEATER

In Rumania. Virgil Stoenescu and others. Teatr 31 no. 3:141-144 Mr '62

BUCKWHEAT

(see also subdivision under Siberia, Eastern; Tomsk Province)

New methods for grading and cleaning buckwheat. S. P. Pisanko. Trudy VIM 28 41-55 '60.

BUDAPEST—THEATER

In Hungary. Lajos Lenkei. Teatr 23 no. 3:102-104 Mr '62.

BUDGET see subdivision under Kazakhstan

BUENOS AIRES—THEATER

In Argentina. Leonidas Barletta. Teatr 23 no. 1:95-98 Mr '62

BUFFALOES

Effect of the vacuum level on the motor function of the teat sphincter in a buffalo udder. M. G. Aliev. Izv. Akad. Azerb. SSR, Ser. biol. i med. nauk no. 11:115-121 '61.

BUGUL'MA—REVOLUTION, 1917-1921

Kharitonov, N. G. [How the youth of Bugul'ma struggled for the Soviet regime] Molodezh' Bugul'my v bor'be za vlast' Sovetov. Kazan', Gos. muzei Tatarskoi ASSR, 1960. 36 p.

BUILDING

(see also subdivision under Frunze; Leningrad)

Better use of capital investments for shore construction. Rech transp. 21 no. 2.1-2 F '62.

Central control device M Kabal'skii, G. IAvorskii, V. Tyntarii. Stroi. i arkhit. 9 no 11:33-34 N '61

Erecting buildings by the floor-lifting method. V. Chekin. Arkhit. SSSR no. 3:60-62 '62

Zotov, V. F. [Lamochkin's brigade assembles houses] Montazh vedet brigada Lamochkina. [Moskva] Mosk. rabochii, 1961. 26 p. (Novatory semiletki)

BUILDING—ACCIDENTS see subdivision under Leningrad

BUILDING—ESTIMATES see subdivision under Lithuania

BUILDING—HANDBOOKS, MANUALS, ETC.

[A concise builder's guide] Trumpas statybininko vadovas. [By] I. Diiba ir kiti. Vilnius, Valstybine politines ir moksliines literaturos leidykla, 1961. 395 p. [In Lithuanian]

BUILDING—SAFETY MEASURES

(see also subdivision under Ukraine)

Parfenov, V. M. [Guide to safety measures for blasters (in open-air operations)] Pamiatka po tekhnike bezopasnosti dlia vzryvnika (na otkrytykh rabotakh). Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 21 p. (Tekhnika bezopasnosti v promyshlennosti stroitel'nykh materialov)

Romov, I. V. [Guide to safety measures for workers handling anticorrosive materials (lining and rubberizing)] Pamiatka po tekhnike bezopasnosti dlia rabochikh pri proizvodstve antikorrozionnykh rabot (futerovshchik, gummirovshchik). Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 24 p. (Tekhnika bezopasnosti v stroitel'stvo)

BUILDING, CONCRETE see Concrete construction

BUILDING, EARTHQUAKE PROOF see Earthquakes and building

BUILDING, ICE AND SNOW

Dams made of ice. A. A. Bubyr'. Nauka i zhizn' 28 no. 1:69 Ja '62.

BUILDING, IRON AND STEEL

Design of a three-dimensional frame for industrial buildings. A. P. Kultyshev Rasch prostr. konstr no. 6:39-66 '61.

BUILDING INDUSTRY see Construction industry

BUILDING INSPECTION

Origin of vertical seismic forces during horizontal vibrations of the ground. A A Derkachev, D G. Bibarsova. Trudy Inst. seism. stroi. i seism. 6 95-100 '60

BUILDING LAWS

Russia (1923- U. S S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Instructions for the application of "Sanitation standards for the design of industrial enterprises (N 101-54) in connection with the design of surface buildings and structures of coal mines, open pit mines, and coal preparation plants] SN 172-61] Ukazaniia po primeneniiu "Sanitarnykh norm proektirovaniia promyshlennykh predpriiatii (N 101-54) pri proektirovanii nazemnykh zdanii i sooruzhenii ugol'nykh shakht, kar'erov i obogatitel'nykh fabrik"; SN 172-61. Utverzhdeny... 6 iiulia 1961 g Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 31 p.

BUILDING MACHINERY see Construction equipment

BUILDING MATERIALS

Make fuller use of the potentials of production, increase the output of quality materials Strol mat. 8 no 2,1-2 F '62

Mikhal'chenko, M G., N. A. Okunev, and N B. Khutorian. [Comprehensive mechanization and automation of plants manufacturing building materials of rock, gravel, and sand] Kompleksnaia mekhanizatsiia i avtomatizatsiia na predpriiatiiakh nerudnykh stroitel'nykh materialov; stenogramma lektsii. Leningrad, 1962. 30 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Seriia: Stroitel'naia promyshlennost')

BUILDING MATERIALS—TESTING see subdivision under Leningrad

BUILDING MATERIALS—TRANSPORTATION

Selecting an alternate in materials transportation by the method of equivalent distances. S. N. Subaneev. Sbor nauch. trudov LISI no 24 167-176 '56

BUILDING MATERIALS INDUSTRY
(see also subdivision under Sumy Province, Uzbekistan)

For the development and improvement of the construction materials industry. I. Slobodianik, A. Davidenko Komm. Ukr. 37 no. 2:88-90 F '62

BUILDING MATERIALS INDUSTRY—SAFETY MEASURES

Gorbatov, V. I. [Safety regulations for workers with slaked lime and chlorinated solutions] Pamiatka po tekhnike bezopasnosti dlia rabochikh, zaniatykh gasheniem izvesti i khlorirovaniem rastvorov Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 23 p. (Tekhnika bezopasnosti)

Makimovich, A. T. [Guide to safety measures for fitting and assembling panels on a Kozlov rolling mill] Pamiatka po tekhnike bezopasnosti dlia sborshchika-komplektovshchika panelei na prokatnom stane Kozlova. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 11 p. (Tekhnika bezopasnosti)

Makimovich, A. T. [Guide to safety measures for workers in the manufacture of reinforced-concrete products by vibration rolling; for operators of the Kozlov mill] Pamiatka po tekhnike bezopasnosti dlia rabochikh po izgotovleniiu zhelezobetonnykh izdelii metodom vibroprokata; dlia operatora stana Kozlova. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 15 p. (Tekhnika bezopasnosti v promyshlennosti stroitel'nykh materialov)

Sedel'nikova, L. V. [Guide to safety measures for workers in the production of keramzit (machine operators and chargers of rotary kilns)] Pamiatka po tekhnike bezopasnosti dlia rabochikh po proizvodstvu keramzita; dlia mashinista i zagruzchika vrashchaiushchikhsia pechei. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 11 p. (Tekhnika bezopasnosti v promyshlennosti stroitel'nykh materialov)

Sedol'nikova, L. V. [Safety regulations for workers engaged in the production of porous clay filler, for roasters of porous clay-filler gravel in revolving furnaces] Pamiatka po tekhnike bezopasnosti dlia rabochikh po proizvodstvu keramzita; dlia obzhigal'shchikov keramzitovogo graviia vo vrashchaiushchikhsia pechakh. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 15 p. (Tekhnika bezopasnosti v promyshlennosti stroitel'nykh materialov)

BUILDING TRADES—STUDY AND TEACHING

Zavrazhin, N. M., and M. I. Osipov. [Methodological manual for the teachers of construction and trade schools; painter and finisher groups] Metodicheskoe posobie prepodavateliam stroitel'nykh i remeslennykh uchilishch; dlia grupp maliarov-otdelochnikov. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1961. 103 p.

BUILDINGS—REPAIR AND RECONSTRUCTION

Lithuanian S. S. R. Valstybinis statybos ir architekturos reikalu komitetas. [Price list; a collection of uniform estimates for major repairing of residential, administrative, and cultural buildings, of communal enterprises and public edifices, based on the new scale of prices] TSennik, sbornik edinichnykh rastsenok na kapital'nyi remont zhilykh, administrativnykh, kul'turno-bytovykh zdanii, kommunal'nykh predpriiatii i sooruzhenii gorodskogo blagoustroistva (v novom masshtabe tsen). Vil'nius, TSentr. biuro tekhn. informatsii i propagandy, 1961. 533 p

BUILDINGS, INDUSTRIAL see Industrial buildings

BUILDINGS, PREFABRICATED

Apartment houses built of prefabricated room units. E Kapustian Arkhit SSSR no 3,9-18 '62

Bitger, A. I. [Factory where they build houses] Zavod, gde stroiat doma. [Moskva] Mosk. rabochii, 1962. 66 p

Mkrtumian, A. K. [Technology of manufacturing elements of large-panel houses in molds] Tekhnologiia izgotovleniia detalei krupnopanel'nykh domov v kasetakh Moskva, Gos izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961 145 p.

BUILT-IN FURNITURE see subdivision under Czechoslovakia

BUKOVINA—MEDICINE—STUDY AND TEACHING

Data on the history of medical education in Bukovina during the epoch of the Austro-Hungarian rule (1872-1914). Kh. IA. Leker. Sov. zdrav 21 no. 2 63-69 '62.

BULAEVSKII, NIKOLAI FEDOROVICH, 1882-1961

Nikolai Fedorovich Bulaevskii, obituary G V. Bagratuni and others Izv vys ucheb zav., geod i aerof no 6 121-122 '61

BULAKHOVSKII, LEONID ARSEN'EVICH, 1888-1961

L. A. Bulakhovskii and Soviet schools S. G. Barkhudarov, Rus. iaz v shkole 23 no. 2:96-102 Mr-Ap '62.

BULANKIN, IVAN NIKOLAEVICH, 1901-1960

Ivan Nikolaevich Bulankin, February 9, 1901 - October 31, 1960, obituary Vop med khim 7 no 3:326-328 My-Je '61.

BULBS (BOTANY)

Morphology of the bulb of Narcissus L G F. Kapinos Dokl. AN Azerb SSR 18 no 1 65-69 '62.

BULGARIA—AGRICULTURAL GEOGRAPHY

Regions of agricultural specialization in Bulgaria. S. I. Zhuravleva, D. A. Chumichev Izv. AN SSSR, Ser geog no. 2:82-87 Mr-Ap '62.

BULGARIA—AGRICULTURE

Poets. A. Blinov Sov. profsoiuzy 18 no 3 35-37 F '62.

BULGARIA—DERMATOLOGY

Dermatological science and practice in scientific-research institutions in the People's Republic of Bulgaria (According to personal impressions) V. I. Sukharev Vest. derm i ven no. 3:68-71 '62

BULGARIA—DESCRIPTION AND TRAVEL

Diagilev, V. IA., and Dm. Moldavskii. [Roads and encounters] Puti i vstrechi. [Leningrad] Lenizdat, 1960. 201 p.
(MH)

BULGARIA—ECONOMIC CONDITIONS

Natan, Zhak. [History of economic development in Bulgaria. Translated from the Bulgarian] Istoriia ekonomicheskogo razvitiia Bolgarii. Predisl. i red. A. N. Kirshevskoi. Moskva, Izd-vo inostr. lit-ry, 1961. 498 p.

We are headed for socialism Grigor Iliev Sov profsoiuzy 18 no 4 41-42 F '62

BULGARIA—HEMORRHAGIC FEVER

Epidemiology of hemorrhagic fever with renal syndrome in Bulgaria D. Bratovanov, Zh. Targov, Khr. Panchev, Zhur. mikrobiol., epid. i immun, 33 no. 1, 122-126 Ja '62.

BULGARIA—LUNGS—DUST DISEASES

Silicosis control in Bulgarian industries. Kh. TSolov. Gig truda i prof. zab. 4 no. 2, 13-16 F '60.

BULGARIA—MATHEMATICS—TEXTBOOKS

Russian textbooks on geometry and trigonometry in Bulgaria in the 18th century. R. A. Simonov. Dokl. APN 5 no. 4:57-60 '61.

BULGARIA—POPULATION

Influence of wars on demographic processes in Bulgaria. V. A. Vitanov Sov. zdrav. 21 no. 3:75-79 '62.

BULGARIA—PRESS

Shnitman, A. M. [Bulgarian workers' press of the 90's in the 19th century on the beginning of V. I. Lenin's revolutionary activity and on the Russian liberation movement] Bolgarskaia rabochaia pechat' 90-kh godov XIX veka o nachale revoliutsionnoi deiatel'nosti V. I. Lenina, o russkom osvoboditel'nom dvizhenii. Pod red. I. F. Ushakova. Murmansk, Murmanskii gos. pedagog. in-t, 1961. 44 p.

BULGARIA—RYE BREEDING

Rye breeding in Bulgaria. Georgi M. Koinov. Agrobiologiia no. 1:80-84 Ja-F '62.

BULGARIA—THEATER

In Bulgaria. Emil Manov and others. Teatr 23 no. 3. 97-101 Mr '62

BULGARIA—TRADE UNIONS

We are headed for socialism Grigor Iliev Sov profsoiuzy 18 no 4 41-42 F '62

BULGARIANS

"Anthropology of the Bulgarian people." Vol. 1. Physical features of the Bulgarians by M. Popov. Reviewed by V. Alekseev. Sov etn no. 1 131-132 Ja-F '62.

BUNAK, VIKTOR VALERIANOVICH, 1891-

Professor V. V. Bunak's birthday. Sov. etn no. 1:105-106 Ja-F '62.

BUNIN, KONSTANTIN VLADIMIROVICH, 1912-

Fiftieth anniversary of K. V. Bunin. Antibiotiki 7 no. 3 89-90 Mr '62

BUPLEURUM

Vitamin P activity in the thoroughwax Bupleurum multinerve D. C. V. G. Minaeva, A. S. Lapik. Trudy TSSBS no. 5 83-87 '61.

BURAK, ALEKSANDR FILIPPOVICH, 1921-

Pavlovskii, B. V. Aleksandr Filippovich Burak. [Sverdlovsk] Sverdlovskoe knizhnoe izd-vo, 1960. 38 p. (MH)

BUREYA VALLEY—PALEOBOTANY, STRATIGRAPHIC

Vakhrameev, V. A., and M. P. Doludenko. [Upper Jurassic and the Lower Cretaceous flora of the Bureya Basin and its significance for the study of stratigraphy] Verkhneiurskaia i nizhnemelovaia flora Bureinskogo basseina i ee znachenie dlia stratigrafii. Moskva, Izd-vo Akad nauk SSSR, 1961. 134 p. (Akademiia nauk SSSR. Geologicheskii institut. Trudy, no. 54)

BURIAL see subdivision under Taman'

BURMA—LAND TENURE

History of social relations in Burma before her conquest by England M. G. Kozlova. Krat soob Inst. nar. Az no. 52:52-65 '62.

BURNS AND SCALDS

Burn disease (clinical aspects, pathogenesis, principles of treatment) T. IA. Arlov Klin med no 3 7-19 '62

Characteristics of the reactivity and resistance to additional influences in different periods of burn disease. E. V. Gublor, V. M. Pinchuk, V. I. Skorik Pat. fiziol. i eksp. terap 6 no. 1:77-82 Ja-F '62

Electrophoretic study of anti-burn sera. M Z. Rudnitskaia, S. V. Skurkovich. Pat. fiziol. i eksp. terap 6 no. 1:84-85 Ja-F '62.

Mechanism of changes in hematopoiesis in thermal burns [with summary in English]. V. S. Barkain. Pat. fiziol. i eksp terap. 6 no 1:37-43 Ja-F '62.

Pathogenesis and treatment of chemical burns [with summary in English]. V. IA. Zolotarevskii, R. A. Pereverzeva, Vest. khir. no. 8 53-59 '61.

Significance of the intensity of thermal tissue injuries in the development of plasma loss in burns [with summary in English]. N. I. Kochetygov. Biul eksp. biol i med. 53 no. 1:37-41 Ja '62.

Treatment of burns in children in an outpatient clinic. L L Gol'dzand Fel'd i akush 27 no 2:20-21 F '62.

BURRO see Asses and mules

BURYAT-MONGOLIA—ADMINISTRATIVE AND POLITICAL DIVISIONS

Buriat A. S. S. R. Verkhovnyi Sovet. [The Buryat A. S. S. R.; administrative and territorial divisions as of July 1, 1960] Buriatskaia ASSR; administrativno-territorial'noe delenie na 1 iiulia 1960 goda, Ulan-Ude, Buriatskoe knizhnoe izd-vo, 1960. 84 p.
(MH)

BURYAT-MONGOLIA—AGRICULTURE—ECONOMIC ASPECTS

Combined business accounting brigades on collective and state farms. V. Filippov. Kommunist 38 no. 5:81-89 Mr '62.

BURYAT-MONGOLIA—APPLE—VARIETIES

Behavior of different varieties of apple trees grafted on Malus Pallasiana in nurseries of the Buryat A. S. S. R. I. F. Gavrisheva, E. G. Sokratova. Trudy BKNII no. 4: 208-217 '60.

BURYAT-MONGOLIA—CATTLE BREEDING

Crossbreeding Buryat and Simmenthal cattle. N. S. Vakhrushev. Trudy BKNII no 4:111-118 '60.

BURYAT-MONGOLIA—GEOGRAPHY

"Collection of regional studies." Reviewed by T. D. Aleksandrova, L. I. Mukhina, V. S. Preobrazhenskii. Izv AN SSSR, Ser. geog. no. 2:131-132 Mr-Ap '62.

BURYAT-MONGOLIA—PASTURES AND MEADOWS

Effect of soil moisture and nutrients on productivity and quality of hordeum dominated meadows M. A. Rampilova Trudy BKNII no. 4,181-194 '60

BURYAT-MONGOLIA—PINE
Siberian pine forests in the southwestern part of the Buryat A S S R and their regeneration A V Smirnov Trudy BKNII no 4 130-140 '60

BURYAT-MONGOLIA—PLANTS, EFFECT OF TRACE ELEMENTS ON
Some results of using trace elements in the plant breeding of Buryat-Mongolia K A Shuin, M V Efimov Trudy BKNII no 4 46-50 '60

BURYAT-MONGOLIA—TRADE UNIONS
Light in Transbaikalia, V. Shevchenko. Sov. profsoiuzy 18 no. 7 36-38 Ap '62.

BURYAT-MONGOLIA—VEGETABLES
Characteristics of the crop formation of some vegetables in the Buryat A S S R K A Shuin Trudy BKNII no 4 203-207 '60

BUSINESS PSYCHOLOGY see Psychology, Industrial

BUTADIENE
Catalytic synthesis of hexachlorobutadiene V A Nekrasova, N I Shuikin Izv. AN SSSR Otd khim nauk no 3 496-498 Mr '62
Synthesis and structure of nitrobutadiene derivatives, S. M. Kvitko and others Dokl AN SSSR 143 no 2, 345-347 Mr '62
Utilization of products of the thermal oxidative degradation of styrol-butadiene copolymers as film-forming materials I. S Ovchirenko, T. P. Vasil'eva. Lakokras. mat i ikh prim no 5,31-34 '61

BUTANE
Effect of the temperature and the time catalyst-gas vapors remain in the settling zone of the reactor on the yield of the desired product in dehydrogenation of n-butane V.S Aliev and others. Azerb. neft khoz 40 no 10 33-34 O '61.

BUTANEDIONE
Formation of diacetyl and acetoin during the fermentation of brewers' wort [with summary in English] M. T Denshchikov, S S Rylkin, A IU Zhvirblianskaia Mikrobiologiia 31 no 1:140-145 Ja-F '62

BUTANONE
Formation of diacetyl and acetoin during the fermentation of brewers' wort [with summary in English] M. T Denshchikov, S S Rylkin, A. IU. Zhvirblianskaia. Mikrobiologiia 31 no 1 140-145 Ja-F '62

BUTENYNE
Conjugated systems. Part 153: Bromination of vinylallylacetylene and its homologs A A Petrov, IU I Porfir'eva Zhur ob. khim 32 no. 3:750-757 Mr '62

BUTTERFLIES see subdivision under Novosibirsk Reservoir region

BUTYL ALCOHOL
Determination of esters of butyl alcohol (dibutyl adipinate, dibutyl phthalate, etc.). Uch zap Mosk nauch.-issl inst san i gig no 5 59-60 '60.

BUTYL PEROXIDE
Alkylation of tetrahydrofuran by ethylene in the presence of di-tert-butyl peroxide N I. Shuikin, B L. Lebedev. Izv AN SSSR. Otd. khim. nauk no. 3 533-535 Mr '62

BUTYRIC ACID
Effect of glutamine and γ-aminobutyric acid on the excitation processes in the central synapses [with summary in English]. P. E. Diablova. Biul eksp. biol. i med 53 no. 1:65-69 Ja '62.
Physiological role of γ-aminobutyric acid. M. N. Maslova Trudy Len. ob-va est. 72 no 1:145-146 '61.

BUTYRONITRILE
Decomposition of dinitrile of azoisobutyric acid in vinylbutyl ether. M F Shostakovskii, V A Gladyshevskaia, A M. Khomutov. Izv. AN SSSR Otd. khim. nauk no. 3 499-505 Mr '62

BUYING, INDUSTRIAL see Industrial procurement

BUZULUK VALLEY—PINE
Growth and flowering of pine grafts in the Buzuluk Valley pine forests. A. A. Khirov. Les. khoz. 15 no. 2 38-40 F '62.

BYLINY
The reflection of some elements of material culture in byliny, notes V V. Pimenov Trudy Kar fil AN SSSR no 8 30-39 '57.
Riabinin-Andreev, I. G. Byliny. Podgotovka tekstov i prim. A. M. Astakhovoi i V. N. Vsevolodskogo-Gerngrossa. Petrozavodsk, Gos. izd-vo Karelo-Finskoi SSR, 1948. 144 p. (Biblioteka russkogo fol'klora Karelii)
(MH)

BYSTRAYA RIVER—SILT
Structure of suspended silt particles. E. F. Belevich. Izv. AN SSSR. Ser. geog. no. 2:71-73 Mr-Ap '62.

BYZANTINE STUDIES
The 12th International Congress of Byzantinists in Ochrida. Z. V. Udal'tsova. Vop. ist. no. 4,205-209 Ap '62.

CABBAGE see subdivision under Apsheron Peninsula, Transbaikalia

CABLES
Laying a cable from Brody to Uzhgorod. G A. Gedovius, A. S. Vazetdinov, E. P. Severinova. Stroi truboprov. 7 no 2 19-22 F '62

CABLES, ELECTRIC see Electric cables

CABLEWAYS
Frantsuzov, IA. L., and L M. Beliaev. [Assembly and operation of suspended cableways] Montazh i ekspluatatsiia podvesnykh kanatnykh dorog. Moskva, Mashgiz, 1962. 276 p.
Podurovskii, I. M. [Overhead cable conveying at hydroelectric construction projects] Kanatnyi podvesnoi transport na gidroenergeticheskom stroitel'stve. Moskva, Gos. energ. izd-vo, 1961. 93 p.

CACAO
Effect of heteroauxin on the growth of the dormant buds of the cacao tree (Theobroma cacao L.) E. I Zaai, E. A IAkovleva Bot zhur 47 no 2:280-282 F '62

CADDIS FLIES see subdivision under Caucasus

CADMIUM
Polarographic study of water-propanol solutions O I. Khotsianovskii Zhur. neorg. khim 7 no 2 390-393 F '62

CADMIUM COMPOUNDS
Cadmium selenocyanate complexes A M. Golub, O E. Andreichenko Zhur. neorg khim 7 no 3 549-554 Mr '62
Compounds of cadmium with alanine and norleucine. I A. Fedorov, T. A Balakaeva. Zhur. neorg. khim. 7 no. 2: 312-319 F '62.
Compounds of cadmium with glutamic acid I. A. Fedorov, T A. Balakaeva. Zhur neorg. khim. 7 no 2 320-321 F '62

CADMIUM NITRATE
State of cadmium nitrate in aqueous solution. V. P. Vasil'ev Izv vys. ucheb zav. khim i khim. tekh 4 no 6,936-940 '61
Thermochemical characteristics of cadmium nitrate complexes in aqueous solution V. P Vasil'ev. Zhur neorg khim 7 no 3 555-561 Mr '62

CADMIUM SELENIDE
Spectral study of glass colored with CdS and CdS-CdSe. I. M. Buzhinskii, N. I. Bodrova. Opt. i spektr. 12 no. 3;387-395 Mr '62.

CADMIUM SULFIDE
Recording of X rays with the aid of CdS photoresistance. A Z Zhmudskii, I IA. Kucherov, V. I Shianovskii Zav. lab. 28 no 2 232-233 '62
Spectral study of glass colored with CdS and CdS-CdSe. I M. Buzhinskii, N. I. Bodrova. Opt. i spektr. 12 no. 3;387-395 Mr '62.

CADMIUM-ZINC ALLOYS
Study of the liquid - vapor equilibrium in high-boiling mixtures under pressures distinct from the atmospheric pressure, as exemplified by the cadmium - zinc system D. M. Chizhikov, IU. V. TSvetkov, V. M. Edel'shtein. Dokl. AN SSSR 143 no 3;655-657 Mr '62

CAESAR, C. JULIUS
Caesar, C. Julius. [Commentaries of Julius Caesar with continuations by others on his wars in Gaul, the Civil War, the Alexandrian, and African wars. Translated from the Latin] Zapiski IUlliia TSezaria i ego prodolzhatelei o Gall'skoi voine, o Grazhdanskoi voine, ob Aleksandriiskoi voine, ob Afrikanskoi voine. Perevod i kommentarii M. M. Pokrovskogo. Izd. 2. Moskva, Izd-vo Akad. nauk SSSR, 1962. 418 p. (Akademiia nauk SSSR. Literaturnye pamiatniki)

CAFFEINE
Comparative results in treating early pregnancy toxemias with bromine, caffeine and aminazine K. A. Kurysheva, F. N. Plushchev. Sov med. 25 no. 2 132-135 F '62.

CAFFEINE—PHYSIOLOGICAL EFFECT
Effect of sodium bromide and caffeine on the duration of the disinhibition phase of traces of inhibitory stimuli [with summary in English] M. K. Bosyi Zhur. vys. nerv. deiat 11 no. 6 1083-1088 N-D '61.

CAFFEINE—TOXICOLOGY
Psychic disorders in caffeine poisoning [with summary in French]. G. V. Stoliarov, L. I. Volodarskaia. Zhur. nevr. i psikh. 62 no. 3;417-421 '62.

CALCIUM
Concerning the use of triton B for the determination of calcium in plants. O. H. Tomashevs'ka, H.S. Pirozhenko. Dop. UASHN 3 no 2-22-24 Mr-Ap '60.
Determining the calcium in a calcium chloride complex of streptomycin by the complexometric titration method. L. P. Snezhnova. Med. prom. 16 no. 2:49 F '62.

CALCIUM—ISOTOPES
Determining the real assimilation of feed calcium by karakul sheep with the help of Ca^{45}. A. A. Ptashkin, V. E. Starkova, A. B. Li. Uzb. biol. zhur. 6 no. 1;57-62 '62.

CALCIUM-ALUMINATE FERRATES
Studying the formation processes of calcium hydrosulfoaluminate using photomicrograph equipment O. M Astreeva, V. I Guneva, N. S Popov. Tsement 27 no 6 23-25 N-D '61

CALCIUM ALUMINATES
Studying the formation processes of calcium hydrosulfoaluminate using photomicrograph equipment O. M Astreeva, V. I. Guneva, N. S Popov Tsement 27 no 6 21-25 N-D '61

CALCIUM CARBIDE
Present state and prospects for the production and consumption of calcium carbide IU. IA. Turov, I. I Il'ichevich Zhur VKHO 7 no 1,81-86 '63

CALCIUM CARBONATE
Coprecipitation of some minor elements of natural waters and calcium carbonate T. P. Popova, G. G. Gulimila no. 1;121-128 '61.
Fertility of the carbonate ("white eyelet") horizon in Chernozem soils of the northern part of the Sea of Azov region A. G. Kalmykov, D. D Mishustin. Chor. nauch.-issl. zab. Azovo-Chernomorsk. inst. 19 27-31 '60.

CALCIUM CHLORIDE
Interaction of minerals containing rare alkali elements, with salts and oxides during sintering and melting. Part 7: Decomposition of spodumene by calcium chloride. V. D. Pliushchev Izv vys. ucheb zav. khim i khim. tekh. 4 no. 6;1011-1015 '61

CALCIUM CHLORIDE—PHYSIOLOGICAL EFFECT
Change in the influence of the vagus nerve on the heart and latter's functional condition following intravenous administration of $CaCl_2$. Z. R. Ilhamov. Med. zhur. Uzb. no. 1-48-49 Ap '60

CALCIUM CYANAMIDE
Present state and prospects for the production of calcium cyanamide P. E. Kazenin Zhur VKHO 7 no 1;87-91 '62.
Reaction of calcium cyanamide with glycerine chlorohydrin. Part 16. I. S Matveev, A. I Kretov Zhur. ob. khim 32 no. 3;974-976 Mr '62

CALCIUM NITRATE
Solubility of strontium and calcium nitrates at 0°C. S. B Stepina, G. S. Sedel'nikov, R. V. Kostikova Zhur. neorg. khim 7 no 3 633-640 Mr '62

CALCIUM SILICATE
Methods of preparation and uses of calcium metasilicate M. G Manvelian, S. V. Gevorkian, G. G. Babadan Zhur VKHO 7 no. 1,91-93 '63
Sorption of water vapors on calcium hydrosilicates K. S Krasil'nikov Dokl AN SSSR 144 no 1 011-014 Ap '62.

CALCIUM SULFIDE
Method of preparing calcium sulfide from gypsum for purposes of its use in metallurgy. D I Lisovskii, G. V. Kuz'michev Sbor nauch. trud GIN i GVI, GMI no 33;84-88 '60.

CALCULATING BOARDS, NETWORK see Electric network analyzers

CALCULATING MACHINES
Russia (1923- U. S. S. R.) Upravlenie po organizatsii i mekhanizatsii uchetu. [Mechanization of accounting, bookkeeping, and computation] Mekhanizatsiia ucheta, otchetnosti i vychislitel'nykh rabot; sbornik informatsionnykh materialov. Moskva, Gosstatizdat, 1960. 50 p.
(CU)

CALCULI, BILIARY
Cholelithin in the treatment of cholelithiasis [with summary in English] A. P. Parashchuk, I. P. Dobr. Vrach delo no. 2 40-43 F '62.
Conservative treatment of cholelithiasis in a polyclinic including the use of cholelithin [with summary in English]. O. L. Akimova. Vrach. delo no. 2 43-46 F '62
Formation of a gigantic calculus in the common bile duct after cholecystectomy. V. S. Savel'ev, I. T. Putina. Khirurgiia no. 3;105 '62.

CALCULI, URINARY
Therapeutic and differential diagnostic values of novocaine anesthesia of the spermatic cord in renal colic A. I. Pavlov. Kaz. med. zhur. no. 5;40-46 S-O '61

CALCULUS, INTEGRAL
Analytic continuation of the three-particle unitarity condition; simplest diagrams [with summary in English] V. N. Gribov, I. T. Diatlov. Zhur. eksp. i teor. fiz. 42 no. 1;198-210 Ja '62.
Stationary phase method for multidimensional integrals M. V. Fedoriuk. Zhur. vych. mat. i mat. fiz 2 no 1 145-150 Ja-F '62.

CALCULUS, OPERATIONAL
Order of approximation of class Z_B functions by the use of linear positive polynomial operators. L. I Hausdorf Usp. mat. nauk 17 no. 1:140-155 Ja-F '62.

JS, OPERATIONAL (Continued)
mputation schemes for iterative processes V. E. iskii Ukr mat zhur 14 no 1 100-109 '62
of linear differential operators. F. Z Ziatdinov. e. ucheb zav ,mat. no 6 25-31 '61

JS OF DIFFERENCES see Difference
hs

JS OF PREDICATES
Automata and the logic of one-digit predicates. Trakhtenbrot. Sib. mat. zhur. 3 no. 1:103-131 '62.

JS OF TENSORS
tial-topological characteristic of a system of nets ual Chebyshev vectors and a common nonpolar F. I. Shulikovskii. Trudy Sem. po vekt i tenz anal 11-151 '61
ization of spaces with constant curvature. S. I. chenko, V. M. Chernyshenko Trudy Sem. po vekt anal no. 11;268-276 '61
epresentations of the motion of quasi-non-Euclid-paces N. T. Abbasov Trudy Sem. po vekt i tenz. no 11;241-252 '61

JS OF VARIATIONS
tion of the method of majorant regions to the mination of seepage rate if the depth of the water-ayer is unknown [with summary in English] V. I. Ukr mat zhur. 14 no 1:10-17 '62
tion of the three-particle forces in the three-n problem [with summary in English] IU. P bin Vest. LGU 17 no 4 20-27 '62.
ric theory of Caratheodory's transformations in oblem of Lagrange N. I. Kabanov. Trudy Sem. po tenz anal. no. 11 219-240 '61
'ev, M. A. [Variational method in boundary value ms for systems of equations of the elliptic type] sionnyi metod v kraevykh zadachakh dlia sistem nii ellipticheskogo tipa. Moskva, Izd-vo Akad SSSR, 1962. 135 p.
'rational problem in the theory of approximations Kogan Zhur. vych. mat. i mat. fiz. 2 no 1 151-a-F '62
n Finsler space determined with an accuracy to heodory's transformations. N. I. Kabanov Sib. hur. 2 no 5;656-671 S-O '61
of fields of local improper hyperstrips in X_n. Shashechnikov Trudy Sem. po vekt i tenz anal. 165-188 '61.
of fields of local surfaces in a tangential combina-f sets of the first order $E_n(X_n)$. G. I. Zhotikov. Sem. po vekt. i tenz. anal no. 11;189-210 '61

TION
for plotting graduation lines. I. B. Privorotskii, Pavlov Mashinostroitel' no 3,41 Mr '62.

DNUM see subdivision under Kazakhstan

'HENICS
esian trade association conference of methodolo- and volunteer instructors of industrial callisthen- the textile industry S M Privis, K V Popova, i prak fiz kul't 25 no 1:78-79 Ja '62.
r, S. A. [Callisthenics at home during pregnancy] astika beremennykh na domu. 2., izd. [Lenin-Medgiz, 1961. 45 p.
DNLM)
ial callisthenics for brainworkers L. N Nifontova, i prak fiz kul't 25 no 1:45-46 Ja '62
ng work in industrial callisthenics at the plant Popova Teor i prak fiz kul't 25 no. 1 41-45 Ja

METRY
metric investigation of the reaction of atomic gen with solid olefins at 77°K. IU P Lomanov, Ponomarev, V. L. Tal'roze. Kin. i kat. 3 no. 1: '62.

MELVIN, 1912-
way to artificial photosynthesis. N. P. Voskresen-, Priroda 51 no.3 103-104 Mr '62.

DIA—ARMY
-s of Cambodia. IU. IAsnov, Sov. voin 44 no. 7: p '62.

LS
and calculation of high-speed cameras with utation of the image. A. S. Dubovik, A. B. Granigg, nauch. i prikl. fot i kin. 7 no. 1:36-47 Ja-F

FLAGE (MILITARY SCIENCE)
concealment for equipment. V. Savel'ev. Voen. 41 no. 2,88 F '02.

expand the size and number of health and sports s. A. A. Vlasov. Sred spets obr 9 no. 2:44-47 2.

A—COMMUNIST PARTY
Tim. [Our fight for Canada; selected works 1923-Translated from the English] Nasha bor'ba za du; izbrannye proizvedeniia, 1923-1959. Moskva, o inostr. lit-ry, 1961. 430 p.

CANADA—POLITICS AND GOVERNMENT
Buck, Tim. [Our fight for Canada; selected works 1923-1959. Translated from the English] Nasha bor'ba za Kanadu, izbrannye proizvedeniia, 1923-1959. Moskva, Izd-vo inostr. lit-ry, 1961. 430 p.

CANADA—REFUGEES, RUSSIAN
His homeland forty-seven years later. Nov vrem 20 no. 11;31 Ap '62

CANADA—WILD OATS
Control of wild oats in Canada I. I. Khoroshilov. Zemledelie 24 no. 3 88-93 Mr '62

CANALS—LOCKS see Locks (Hydraulic engineering)

CANCER
Activity of some glycolytic enzymes in the blood of patients with cancer [with summary in English] V. P Korotkoruchko, P D. Dvornikova, I N. Ishchenko Vop med. khim 7 no. 3 273-276 My-Je '61
Comparative study of the activity of transaminases in malignant tumors [with summary in English]. T. T. Berezov. Vop. med. khim 7 no. 4:417-425 Jl-Ag '61.
Comparative study of the antigenic properties of human carcinomatous, sarcomatous and leukemic tissues P. N. Kostiakov, V. S. Koroteleva. Biul. eksp. biol. i med med 52 no. 11;95-98 N '61.
Correlation of the typological properties of higher nervous activity and the course of pathological processes [with summary in English] N. M Vavilova and others Zhur. vys. nerv. deiat 11 no 6 1036-1043 N-D '61
Effect of cortisone on connective tissues in case of malignant growths [with summary in English]. F. A. Iliuzman. Fiziol. zhur. [Ukr.] 7 no. 6 824-829 N-D '61.
Effect of "fiormetasan kolizin" and "Fiorpan" on the sarcoma-15, resistant to sarcolysine and dopan. S. A. Papoian. Vop. radiobiol [AN Arm SSR] 1;165-169 '60.
Effect of pregnancy on the growth of a malignant tumor (Brown-Pierce carcinoma) studies in an experiment. B. L. Basin. Med. zhur Uzb. no 1 21-23 Ja '62.
Effect of X-ray therapy of malignant tumors on the heart muscle according to electrocardiographic data. A. I. Popova, T. L. Dubovain-Golosarskaia Kaz. med. zhur no. 5 25-27 S-O '61
Implantation metastases following oncological operations and their prevention [with summary in English]. B. T Bilynskii. Vrach. delo no. 2:93-95 F '62.
Quantitative characteristics of anti-cancer gamma globulins of narrow specificity [with summary in English]. N. A. Nazarenko Biul. eksp. biol. i med 53 no. 2 75-78 F '62.
Role of the lymph nodes in acquired antitumorous immunity. Report No 1; Changes in regional lymph nodes following homotransplantation of Brown-Pearce tumors [with summary in English]. A. F. Zakharov. Biul. eksp. biol. i med. 52 no 7:89-95 Jl '61
Use of radioactive cesium (Cs^{137}) in gamma ray therapy. M. A. Volkova, S. G. Pel'man. Med. rad. no 3:3-5 '62.
Vitamin C shortage at different locations of cancer and the effect of saturation on the patient's condition. S. B Tagi-Zade. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 11;135-139 '61.

CANCER—DIAGNOSIS
Diagnosis of multiple primary malignant tumors IU. S. Khomiakov, R. G. Fedorova. Sov med 26 no 2 121-125 F '62

CANCER—PREVENTION
If you had gone to the doctor in time.... I. M. Liandres. Zdorov'e 8 no 1;12-13 Ja '62.

CANCER RESEARCH
Plant tumors as possible models in theoretical and experimental oncology. E I. Stepian. Trudy Len. khim.-farm. inst. 12 345-349 '61.

CANCEROGENIC COMPOUNDS see Carcinogens

CANDIDOMYCOSIS see Moniliasis

CANNED FISH see Fish, Canned

CANNED FOOD see Food, Canned

CANNING INDUSTRY
(see also subdivision under Poltsamaa, Estonia)
Mixed brigades in the canning industry. E. Baranov. Biul. nauch. inform.: trud i zar. plata 5 no. 3 33-36 '62.

CANNING INDUSTRY—LABOR PRODUCTIVITY see subdivision under White Russia

CANYON DIABLO—METEORITES
Primary lead of the Canyon Diablo meteorite. T. Dzh. Shou, K. K. Patterson. Geokhimiia no. 12;1124-1125 '61.

CAPE OF GOOD HOPE—HISTORY
"The Cape of Good Hope and the Anglo-French conflict of 1797-1806" [in English] by L. Turner. Reviewed by M. B. Rabinovich. Vop. ist. no. 4;193 Ap '62.

CAPILLARIES
Comparative study of the results of a parallel investigation of dermal capillary resistance in peptic ulcer and hypertension B. IA. Rashap. Vrach. delo no. 8;137-138 Ag '61
Diagnostic significance of pulmocapillary pressure in mitral stenosis [with summary in English]. V. I. Vasilev Grud khir. 1 no 3 8-13 My-Je '59.
State of the capillaries and capillary circulation in chronic nonspecific pulmonary diseases A V Gorincheva Zdrav Kazakh 22 no 1 21-25 '62
Study of the peripheral capillaries in vascular diseases of the brain [with summary in French] M. Vantov, V Ivantsev Zhur nevr i psikh 61 no 8 1187-1192 '61.

CAPILLARIES—PERMEABILITY
Determination of capillary permeability as a method for the diagnosis of rheumatic fever. V. K Serkova. Vrach. delo no. 8,114-115 Ag '61

CAPITAL
Building of communism and the problem of accumulations. P Kholodov Vop. ekon. no. 3 37-48 Mr '62
Correspondence between the rate of growth of production and fixed assets in industry. L Kantor Nauch. dokl vys. shkoly;ekon. nauki 5 no. 1:43-53 '62.
Establishing norms for working capital. A. Duginov. Den. i kred. 20 no. 3:17-21 Mr '62.
Mansil'ia, Anastasio. [The process of the accumulation of capital; comments to the seventh section of the first volume of Karl Marx's "Capital."] Protsess nakopleniia kapitala; kommentarii k 7-mu otdelu pervogo toma "Kapitala" K. Marksa. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 85 p.
Moscow. Nauchno-issledovatel'skii ekonomicheskii institut. [Utilizing capital assets in U. S. S. R. industries] Ispol'zovanie osnovnykh proizvodstvennykh fondov v promyshlennosti SSSR Pod red. K. A. Petrosiana. Moskva, Izd-vo ekon. lit-ry, 1962 210 p.

CAPITAL INVESTMENTS
Better use of capital investments for shore constructions. Rech. transp. 21 no. 2;1-2 F '62
Evaluating the time element of capital investments. IU. Malyshev, V. Shmatov. Vop. ekon. no. 3 143-146 Mr '62.

CAPITALISM
(see also subdivision under China)
Capitalism is the enemy of mankind. A. Menshed. Kommunist 39 no. 7, 85-94 My '62
The parasitic nature and decay of capitalism. V Cheprakov. Agitator no. 8 18-21 Ap '62.
Rights and lack of rights; facts and figures. Komm. Mold. 7 no. 2,70-72 F '62.
Special features of the third phase of the general crisis of capitalism [with summary in English, p. 216] M. S. Diagilev. Vop. ist. no 4 16-33 Ap '62.
Two worlds and two trends of political development Kommunist 38 no 5 13-19 Mr '62.
Vygodskii, S. L. [Studies in the theory of modern capitalism] Ocherki teorii sovremennogo kapitalizma. Moskva, Izd-vo ekon. lit-ry, 1961. 385 p.

CAR SPRINGS
New principles for the spring suspension of cars A G Khanin. Zhel. dor. transp. no. 3 51-51 Mr '62.

CARACAS—THEATER
In Venezuela. Teatr 23 no. 3,105 Mr '62.

CARAGIALE, ION LUCA, 1852-1912
Comedy playwright I. L. Caragiale and his skill in realistic writing. Sh. P. Sadovnyk. Nauk. zap. Chern. un. 40, Ser. rom.-germ. filol. no. 7;107-115 '60.

CARBANIONS
Carbanion mechanism of isomerization of unsaturated hydrocarbons. E. A. Rabinovich, I. V Astaf'ev, A I. Shatenshtein. Zhur. ob. khim. 32 no. 3 748-750 Mr '62.

CARB
Rea
2-i
kin

CARBO
Carb
Eng
Ag
Chan
me
sel
ffici
del
Effec
A. I
Effec
and
Vla
rad
Effe
ph
me
?
Effe
the
no

CARBOHYDRATE METABOLISM (Continued)
Effect of umbilical ligation on carbohydrate metabolism in the mother. Kh.G.Kanbai. Izv.AN Azerb.SSR,Ser. biol i med nauk no 11 129-133 '61

State of the carbohydrate function of the liver after resection of different segments of the stomach and gastrectomy in cancer. N N Kuznetsov. Khirurgiia no 3,44-46 '62

CARBOHYDRATES
Catalytic deacetylation by means of perchloric acid in the carbohydrate series IU. Zhdanov, G A Korol'chenko, G N. Dorofeenko. Dokl AN SSSR 143 no 4 852-854 Ap '62

Determination of unfermented carbohydrates in intermediate products of alcoholic fermentation A. P. Rukhliadeva, T. G. Filatova Spirt prom 28 no 2 11-16 '62.

Reserve carbohydrates in perennial grasses in the first year of their life N.I Kozlova Bot.zhur. 47 no.3, 405-108 Mr '62

CARBON
Determination of kinetic constants in the low-temperature oxidation of electrode carbon [with summary in English]. V. V. Pomerantsev, V. A Lombakh, IU. A Rundygin Inzh.-fiz. zhur. 5 no.3 3-9 Mr '62.

Effect of carbon and vanadium on the properties of iron-base austenite alloys. K. V. Gorev, L. I. Shvedov. Dokl AN BSSR 5 no 10 455-457 O '61.

CARBON—ISOTOPES
Determining the correction factors for auto-absorption of C^{14} radiations in determining photosynthesis and chemosynthesis in water reservoirs [with summary in English] IU I. Sorokin Mikrobiologiia 31 no 1 121-126 Ja-F '62

CARBON, ACTIVATED
Sorption of germanium oxide from aqueous solutions by activated carbon I N. TSelik, N F. Turkalov Ukr. khim zhur 28 no 2:179-185 '62.

Use of methanol for the regeneration of spent activated carbon in the purification of industrial sewage from organic compounds. B V. Volkov, L A. Martynenko, G. A. Kochurova Gig. i san. 26 no 9 83-84 S '61

CARBON COMPOUNDS
Sources of carbon nutrition for nitrogen-fixing microorganisms from the genus Clostridium [with summary in English] V T Emtsev Mikrobiologiia 31 no. 1 18-23 Ja-F '62

CARBON DIOXIDE
Carbon dioxide hazards at grain collecting points D B L'vovich Gig truda i prof zab 4 no 1 46-47 Ja '60

Chromatographic method for determining microconcentrations of carbon dioxide in oxygen E V Vagin, S S. Petukhov, V. I. Zheleznlak Zav lab 28 no 2 140-141 '62

Effect of the height of the fuel bed on the reduction reaction of carbon dioxide A D Kokurin, D A Rozental'. Trudy VNIIT no 10 121-127 '61

CARBON DIOXIDE—THERAPEUTIC USE
History of the development of cryotherapy in dermatology (in connection with the 50th anniversary of Soviet CO_2 cryotherapy and the 20th anniversary of the death of the method's founder, W. A. Pusey) S E Sladkovich Vest. derm i ven. no 3,77-79 '62

CARBON DISULFIDE
Separation of carbon disulfide from the head fraction. J Romovacek. Koks i khim no 3 36-41 '62.

CARBON MONOXIDE
Determination of small amounts of carbon monoxide in gases using the chemo-chromatographic method G. N Dantsig, D B Orochkin Zav lab 28 no. 2 136-139 '62.

Effect of the height of the fuel bed on the reduction reaction of carbon dioxide A D. Kokurin, D A. Rozental' Trudy VNIIT no 10 121-127 '61.

Endogenous carbon monoxide formation in acute radiation sickness [with summary in English] V V. Kustov. Med. rad. no. 3 28-31 '62.

CARBON MONOXIDE—PHYSIOLOGICAL EFFECT
Character of the change in conditioned reflex reactions in man under the influence of carbon monoxide and vibration [with summary in English]. V. A. Shabalin. Biul eksp. biol. i med. 53 no. 1,45-47 Ja '62.

CARBON OXIDES
Effect of adsorption on the combustion and gasification of fuel carbon A. D Kokurin, D. A. Rozental'. Trudy VNIIT no 10,109-120 '61.

CARBON TETRACHLORIDE
Mechanism of steel corrosion in carbon tetrachloride. V. M. Chistiakov, S. A. Balezin. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 6;955-957 '61.

CARBON TETRACHLORIDE—TOXICOLOGY
Role of environmental factors in the immunobiological reactivity of the organism Report No 2. Effect of chronic poisoning with carbon tetrachloride and dichlorethane on immunobiological reactivity in rabbits [with summary in English] V K. Navrotskii. Gig truda i prof zab. 4 no. 1 28-32 Ja '60

CARBONATED BEVERAGES
Temperature standards for carbonated water G. I lAvel'berg. Vop. pit. 21 no. 2 89-90 Mr-Ap '62

CARBONATES
Characteristics of carbonate accumulation in the Sivash silts M. F. Stashchuk Dokl AN SSSR 143 no 2, 427-429 Mr '62

CARBONIC ACID
Aryldithiouraroles, substituted monophenylhydrazodithiocarbonamides R G Dubenko, P. S Pel'kis Zhur ob. khim. 32 no 3 939-942 Mr '62

Carbonic acid requirement and its role in the metabolism of mold fungi [with summary in English] S A Barinova Mikrobiologiia 31 no 1 10-17 Ja-F '62

CARBONIC OXIDE see Carbon monoxide

CARBONYL SULFIDE
Interaction of some alkene oxides with carbon oxysulfide. G A. Razuvaev, V S. Pilis, L N Grobov. Zhur. ob. khim 32 no. 3 994-996 Mr '62.

CARBOSTYRILS
Reaction of cycloacylation of heterocyclic keto-enols. Part 7. Cyclization of phenyl hydrazones of 3-acyl-4-hydroxycarbostyrils. N. S. Vul'fson, R B. Zhurin. Zhur ob. khim. 32 no. 3 991-994 Mr '62.

CARBURETORS
(see also subdivision under Leningrad)
Construction and performance of a carburetor. V. Anokhin. Sel' mekh. no. 1;40-42 '62

CARCINOGENS
Cancerogenic action of the so-called "medium oil" derived from Cheremkhov coal tar Z. P Grigor'ev Gig. truda i prof zab 4 no 1 32-35 Ja '60

Oncogenic action in rats of tissue culture preparations exposed to the effect of human breast cancer extracts [with summary in English] G. I Deichman Biul. eksp. biol i med 53 no. 2 85-88 F '62.

CARDIAC GLYCOSIDES
Cardiac glycosides V. V. Berezhinskaia. Med. prom. 16 no. 2:3-8 F '62.

Dynamic electrocardiographic observations during the treatment of chronic circulatory insufficiency using a new cardiac glycoside, corchorizide [with summary in English]. N G. Belostochnaia. Terap. arkh. 34 no. 3 40-46 '62

CARDIAC MASSAGE
Massage of the heart under clinical conditions [with summary in English] A. N. Bakulev and others Grud khir. 1 no. 4 6-14 Jl-Ag '59.

CARDIAC NERVES see Nerves, Cardiac

CARDING MACHINES
Effect of the composition of raw material blends on the speed of the workers on carding machines. I. B Frenkel' Tekst prom. 22 no. 3,53-55 Mr '62.

Power testing of the ChM-450-2 and ChMM-450 carding machines. G. V. IAkichev, P. S. Malevskii-Malevich. Izv. vys. ucheb. zav., tekh. tekst. prom. no. 1 129-133 '62.

Quality of condenser roving, performance and control of the condenser. F. P. Dontsov, A. A. Strekalov. Tekst. prom. 22 no 3;49-52 Mr '62

Tape condenser diagrams and their utilization. V. I. Budnikov. Tekst. prom. 22 no. 2 26-30 F '62.

CARDIOGRAPHY
Dynamocardiographic examination in coarctation of the aorta [with summary in English]. I. N. Ivanitskaia, B. D. Komarov. Grud. khir. 1 no. 5;38-43 S-O '59.

CARDIOLOGY see subdivision under Odessa Province

CARDIOVASCULAR AGENTS
Preliminary investigation of plants used in Oriental prescriptions for cardiovascular diseases V N Karpovich Trudy Len. khim.-farm. inst. 12 195-200 '61

CARDIOVASCULAR RESEARCH
Chemistry and scalpel B B. Fuks. Nauka i zhizn' 29 no. 1;44-46 Ja '62.

CARDIOVASCULAR SYSTEM
Change in the cardiovascular system in diabetes mellitus in children [with summary in English]. L. N. Rybina. Vop. okh. mat. i det. 7 no. 2 49-53 F '62.

Role of the autonomic nervous system in the restoration of cardiovascular activity in clinical death [with summary in English]. E. M. Smirenskaia. Grud. khir 1 no. 3;43-51 My-Je '59.

CARDIOVASCULAR SYSTEM—DISEASES
Brandenburgskii, G. L. [Systematic rules for sanatorium-health resort selection of patients with cardiovascular diseases] Metodicheskie ukazaniia po sanatorno-kurortnomu otboru bol'nykh serdechno-sosudistymi zabolevaniiami. Kiev, Gos. med. izd-vo, USSR, 1961. 14 p.
(DNLM)

Cardiovascular diseases in hospitalized patients. A. L. Kogan, S. IA. Freidlin. Sov. zdrav. 21 no. 3;39-43 '62.

Fogel'son, L. I. [Diseases of the heart and vessels] Bolezni serdtsa i sosudov. Moskva, Izdatel'skoe biuro tresta "Meduchposobie."
Book 1. Atlas. 1961. 283 p
(DNLM)

Function of the thyroid gland in cardiovascular diseases G. A. Kazanian Vop radiobiol. [AN Arm SSR] 1: 229-240 '60

Lesions of the cardiovascular system in leptospirosis [with summary in English] A. V. Chernousova Klin. med no 3 50-54 '62

Organization of first aid in cardiovascular diseases T. V Glahovskaia. Vrach. delo no. 2 121-124 F '62.

Oxygen therapy in cardiovascular diseases in workers of industrial enterprises. V. S. Volkov. Feld'sh i akush 27 no. 1 26-29 Ja '62.

The pulseless disease. L. G. Zhgenti. Soob. AN Gruz. SSR 26 no 2;243-247 F '62

CARDIOVASCULAR SYSTEM—RADIOGRAPHY
Changes in the cardiovascular system during radiotherapy of cancer of the esophagus. I. T. Abasov, Sh. M. Beibutov. Med rad. no 3:13-19 '62.

Method for the fluorographic examination of the cardiovascular system in a polyclinic (sanitary department) M. A. Berzak Vest. rent i rad. 37 no 1,56-60 Ja-F '62.

X-ray study of the heart and vessels of the lesser circulation in thrombosis of the left atrium. L. Ia. Rabkin, G. M. Solov'ev, E. A. Grigorian. Terap. arkh. 34 no. 2;25-30 '62

CARDIOVASCULAR SYSTEM—SURGERY
Change in the vascular tonus during operations on the cardiovascular system [with summary in English] A. P. Parfenov, E M Smirenskaia. Grud khir. 3 no 6, 43-48 N-D '61

CARDIOVASCULAR SYSTEM—SYPHILIS
Symptom characteristics and the diagnosis of syphilis of the cardiovascular system (clinical anatomical parallels) V. I. Cherniaeva Kaz. med. zhur no. 5,73-75 '61.

CARGO HANDLING
Methods of establishing flowsheets for the loading and unloading of ships. A M Kazantsev. Trudy LIVT no 3 23-32 '60.

Selecting efficient methods of cargo transshipment in sea roads. L. M. Gaskov. Trudy TSNIIMF no. 47 [illegible] '61.

CARGO HANDLING—COSTS
Distribution of indirect expenditures in the calculation of transportation and loading and unloading costs F. N. Tikhomirova. Trudy LIVT no. 3;31-45 '60

CARGO HANDLING—EQUIPMENT AND SUPPLIES
Kirpichnikov, L. A., and M. I. Kharif. [Automatic control of transshipment machinery and the electric power supply network in sea ports] Avtomatizatsiia peregruzochnykh mashin i elektricheskikh setei v morskikh portakh. Moskva, Izd-vo "Morskoi transport," 1961. 117 p.

CARGO HANDLING—PRODUCTION STANDARDS
New methods for calculating ship-hour norms for loading and unloading operations L Ittenberg Rech. transp. 21 no. 2;16-17 F '62.

CARGO HANDLING—STANDARDS
"Handbook on the establishment of norms for loading and unloading operations" by S. F. Ermakov. Reviewed by N. Prokof'ev. Rech. transp. 21 no. 2;64 F '62.

CARGO HANDLING—TECHNOLOGICAL INNOVATIONS
Efficiency promotion and inventions in the Dnepropetrovsk harobr. A. Gol'dman Rech. transp. 21 no 2;7-10 F '62.

CARGO VESSELS see Freighters

CARICATURES AND CARTOONS
Cherepanov, L., and IU. Cherepanov. [Without superfluous words] Bez lishnikh slov. [Moskva] Moak. rabochii, 1957. 55 p.
(NN)

Efimov, B. E. [Basic idea of the caricature] Osnovy ponimaniia karikatury. Moskva, Izd-vo Akad. khudozh. SSSR, 1961. 68 p. (Biblioteka po izobrazitel'nomu iskusstvu dlia narodnykh universitetov kul'tury, khudozhestvennoi samodeiatel'nosti i shkol'nykh bibliotek)

Ghosts from the other world. Ukraina no. 6 18 Mr '62.

With the weapon of laughter. I. Abramskii. Iskusstvo 25 no. 2;28-33 '62.

CARNIVORA see subdivision under Siberia; Uzbekistan

CAROTENE
Accelerated determination of carotine in feeds L. V. Andreevskaia Dop. UASHN 3 no. 2:33-35 Mr-Ap '61

CAROTID ARTERY—ABNORMITIES AND DEFORMITIES
Role of the orbital artery in the retrograde blood supply for a carotid-cavernous anastomosis F. A. Serbinenko Vop. neirokhir no 2,1-6 '62.

CAROTID ARTERY—SURGERY
Technic for surgery in arteriosclerotic stenosis of the internal carotid artery of the neck region [with summary in English]. E. I. Zlotnik, S. F. Sokach. Vop neirokhir no. 2;7-8 '62.

CAROTID ARTERY—ULCERS

Perforation of an ulcer of the esophagus into the right common carotid artery V. M. Sapozhnikov, O. S. Levinson Vest. khir no 9:121-125 '61

CAROTID SINUS

Significance of increased sensitivity of the carotid sinus in some surgical diseases [with summary in English]. P. P. Alekseev Vest. khir no 9:85-88 '61

CAROTID SINUS—INNERVATION

Role of the chemoreceptors of the sinocarotid region in the state of the coronary circulation [with summary in English]. G. A. Aronova Biul. eksp. biol. i med. 53 no. 1:4-7 Ja '62.

CARP

(see also subdivision under Latvia; Siberia, Eastern, Todzhen Reservoir; Zeravshan River)

All-Union conference on breeding Ctenopharyngodon and Hypophthalmichthys in the reservoirs of the U. S. S. R. A. O. Tashliev Izv. AN Turk. SSR Ser. biol. nauk no. 1 85-86 '62.

Experience in artificial breeding of Schizothoracs. E. V. Kiseleva. Trudy UrGU no. 110, 93-96 '61

Radiation injury of carp gonads N. B. Cherfas. Vop. ikht. 2 no. 1:104-115 '62.

CARP—PARASITES see Parasites—Carp

CARPATHIAN MOUNTAIN REGION—ALPINE FLORA

Apomixis in certain alpine plants of the Ukrainian Carpathians [with summary in English]. Kh. IU. Rudenko. Ukr. bot. zhur. 18 no. 6:24-31 '61.

CARPATHIAN MOUNTAIN REGION—BOTANY—EMBRYOLOGY

Data on the embryogenesis of some alpine plants in the Carpathians F. E. Rudenko Nauch. dokl. vys. shkoly, biol. nauki no. 1 119-122 '62

CARPATHIAN MOUNTAIN REGION—MEADOW GRASS

Some Carpathian species of meadow grass (Poa L.) [with summary in English]. O. M. Polatkova. Ukr. bot. zhur. 18 no. 6 40-44 '61.

CARPATHIAN MOUNTAINS—FOREST MANAGEMENT

Principal yield cuttings in the Carpathians, a conference in Svalyava A. Pervozvannikov. Les. khoz. 15 no. 2 95 F '62

CARPATHO-UKRAINE see Transcarpathia

CARPENTRY

Galat, A. I. [Carpentry and cabinet work] Plotnichnye i stolyarnye raboty. Kiev, Gos. izd-vo lit-ry po stroit., arkhit. USSR, 1961. 73 p. (V pomoshch' zastroishchiku)

Narisissov, V. S. [Carpentry and cabinet work; textbook book for students of the 9th to 11th grades of rural secondary schools with vocational instruction] Plotnichnye i stolyarnye raboty; posobie dlia uchashchikhsia IX-XI klassov sel'skikh srednikh shkol s proizvodstvennym obucheniem. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 241 p.

CARPETS see Rugs and carpets

CARROTS

Drobyshova, N. A. [Carrots, parsley, and parsnips] Morkov', petrushka, pasternak. Moskva, Gos. izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 93 p. (DA)

CARTILAGE

Isolation of chondroitinsulfate from hyaline cartilage [with summary in English]. S. M. Rychkov. Vop. med. khim. 7 no. 4:396-401 Jl-Ag '61.

CARTOGRAPHY

Brief news. Geod. i kart. no. 2 77-78 F '62

Some physicochemical properties of the "khostafan" plastic and its use in the cartographic industry. IU. A. Oknin. Izv. vys. ucheb. zav., geod. i aerof. no. 5:103-110 '61.

CARTOGRAPHY—BIBLIOGRAPHY see Bibliography—Cartography

CARTOGRAPHY—PROBLEMS, EXERCISES, ETC.

Lapkina, N. A. [Practical work in topography and cartography; a manual for students] Prakticheskie raboty po topografii i kartografii; posobie dlia studentov. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 110 p. Maps.

CARTOGRAPHY—STUDY AND TEACHING

Importance of toponymy and the training of topographers and cartographers E. M. Pospelov Izv. vys. ucheb. zav.; geod. i aerof. no. 6 117-118 '61.

CASCADES (FLUID DYNAMICS)

Cascade of cylinders in a simple vortex flow. O. N. Ovchinnikov. Trudy LPI no. 217:41-50 '61.

Cascade of profiles in a nonuniform flow. O. N. Ovchinnikov, O. V. Smirnov. Trudy LPI no. 217:71-80 '61

CASE HARDENING

Effect of surface hardening on the strength of the rear semiaxle casing of motor vehicles. B. I. Aleksandrov and others. Sbor. trud. Inst. mash. i avtom. AN BSSR no. 2:28-45 '61.

CASPIAN LOWLAND—OIL FIELD BRINES

Determining dry residue in formation waters of oil regions on the basis of their salinity. Zh. S. Sydykov Izv. AN Kazakh. SSR Ser. geol. no. 4 104-106 '61

CASPIAN LOWLAND—PETROLEUM GEOLOGY

Structures of the secondary order underlying salt domes in the Caspian Lowland according to the geophysical data G. I. Stepakova Trudy VNIGRI no. 186 253-272 '61

CASPIAN SEA

A long-range prognosis of the Caspian Sea level. B. A. Shliamin. Izv. Vses. geog. ob-va 94 no. 1 26-33 Ja-F '62

CASPIAN SEA—GOBIES

Possibilities for goby fisheries in the Caspain Sea. N. A. Azizova Ryb. khoz. 38 no. 3:14-20 '62

CASPIAN SEA—GRAVITY PROSPECTING

Processing gravimetric observations by the approximative method with the introduction of a correction for the zero point based on the curvilinear law. A. V. Ladynin Geofiz. razved. no. 5:30-45 '61

CASPIAN SEA—MOLLUSKS

Molluscs of the Caspian Sea and their zoogeographic relations. B. M. Logvinenko, IA. I. Starobogatov. Biul. MOIP. Otd. biol. 67 no. 1:153-154 Ja-F '62.

CASPIAN SEA—SEA ICE

Some data on the properties of ice of the Caspian Sea. L. V. Luk'ianova Trudy Tbil. NIGMI no. 9:192-195 '61

CASPIAN SEA REGION—GEOLOGY, STRATIGRAPHIC

Correlation of marine and continental Quaternary deposits of the Pontocaspian area. P. V. Fedorov. Trudy Len. ob-va est. 72 no. 1, 69-71 '61.

CASPIAN SEA REGION—OIL WELL DRILLING, SUBMARINE

Everything is under control on the sea. L. Novinskaia. Sov. deput. trud no. 3 22-23 Mr '62.

CASPIAN SEA REGION—WINTER

The extremely cold and snowy winter of 1949-50 in Azerbaijan and on the Caspian Sea. A. A. Madat-zade, D. A. Mutalibov. Trudy Tbil. NIGMI no. 9:23-30 '61

CASSITERITE

Determination of indium in cassiterite. A. A. Rozbianskaia. Trudy Inst. min., geokhim., i kristallokhim. red. elem. no. 6:139-141 '61.

CAST IRON—CORROSION

Chemical resistance of nodular iron in corrosive media [with summary in English] A. A. Gorshkov, V. IU. Denisevich. Nauk. pratsi Inst. lyv. vyrob. AN URSR 9 109-113 '60.

CAST IRON—HEAT TREATMENT

Casting and heat treatment of piston group parts from nodular iron for the IAAZ-204 and IAAZ-206 engines V. V. Dubrov, K. K. Prozheha. Nauk. pratsi Inst. lyv. vyrob. AN URSR 9 66-72 '60.

CAST IRON—METALLOGRAPHY

Effect of the shape and size of graphite on gray cast iron plasticity. V. N. Kolevatov, I. N. Bogachev. Fiz. met. i metalloved. 13 no. 2:258-262 '62.

Mechanical properties and structure of nodular iron [with summary in English]. S. V. Sorensen, O. IU. Klamarenko, O. V. Kulikiva'ka. Nauk. pratsi Inst. lyv. vyrob. AN URSR 9:51-66 '60.

New evidence of the origin of granular graphite in microscopic bubbles during primary crystallization of cast iron [with summary in English]. A. A. Horshkov Nauk. pratsi Inst. lyv. vyrob. AN URSR 9 5-21 '60

Role of supercooling and the form of the curves of cooling during the formation of globular graphite [with summary in English]. A. A. Horshkov, R. A. Sidorenko, Chen' Si-shen' (Ch'en Hsi-shen) Nauk. pratsi Inst. lyv. vyrob. AN URSR 9:30-44 '60.

Structure of eutectic cast iron [with summary in English] K. P. Bunin, L. T. Kalinina. Nauk. pratsi Inst. lyv. vyrob. AN URSR 9 45-50 '60.

Use of nodular iron instead of malleable cast iron [with summary in English]. V. V. Dubrov, V. O. Suslov. Nauk. pratsi Inst. lyv. vyrob. AN URSR 9 82-91 '60

CAST IRON—METALLURGY

Effect of ferrocerium on the properties of gray cast iron. D. N. Khudokormov, A. N. Kleev. Lit. proizv. no. 3: 39-40 Mr '62.

Heating of cast iron on the cupola runner using a low voltage, commercial frequency current [with summary in English]. V. I. Petrov. Nauk. pratsi Inst. lyv. vyrob. AN URSR 9 103-107 '60.

Making foundry pig iron. A. F. Egorov Metallurg 7 no. 4:11-12 Ap '62.

Method of improving liquid cast iron by the ladle addition of steel cuttings. G. G. Shepel'. Lit. proizv. no. 3: 45-46 Mr '62.

New methods of treating liquid cast iron with magnesium [with summary in English]. A. A. Horshkov, M. I. Polkin, V. S. Krasnoholovtsev. Nauk. pratsi Inst. lyv. vyrob. AN URSR 9 82-101 '60.

Purpose of double modification and its mechanism [with summary in English] V. V. Dubrov Nauk. pratsi Inst. lyv. vyrob. AN URSR 9 22-29 '60

CAST STONE see Stone, Cast

CASTING see Founding

CASTING, CONTINUOUS see Continuous casting

CASTLES see subdivision under Kamenets-Podolskiy

CATALASE

Changes in the peroxidase and catalase activity of plants subjected to infection Z. IA. Serova Dokl. AN BSSR 5 no. 10:475-477 O '61.

Dynamics of the distribution of catalase and peroxidase activity in potato plants [with summary in English]. H. Kh. Molotkova'kyi, M. M. Dudzanivs'kyi. Ukr. bot. zhur. 18 no. 6 11-15 '61

Effect of antibiotics of the tetracycline group on the catalase activity of the liver [with summary in English] R. P. Porfir'eva. Biul. eksp. biol. i med. 52 no. 11:54-57 N '61

CATALOGS, CARD

Nemchenko, V. V. [Printed cards of the All-Union Book Chamber and their use in library work; a methodological manual] Pechatnye kartochki Vsesoiuznoi knizhnoi palaty i ikh ispol'zovanie v rabote bibliotek, metodicheskoe posobie. Moskva, Izd-vo Vses. knizhnoi palaty, 1961. 83 p.

CATALYSIS

Bond energies of carbon, hydrogen, and oxygen atoms of organic molecules with yttrium oxide A. A. Tolstopiatova, I. R. Konenko, A. A. Balandin Kin. i kat. 3 no. 1 103-106 '62

Characteristics of salt catalysis during oxidation of alkyl aromatic hydrocarbons. R. V. Kucher, S. D. Kazimin, M. A. Kovbuz Izv. vys. ucheb. zav.; khim. i khim. tekh. 4 no. 6:971-976 '61.

Different catalytic activities of platinum and palladium in cyclohexene and cyclohexadiene conversions V. M. Giraznov and others. Kin. i kat. 3 no. 1 99-102 '62

Direction of the catalytic reduction of dinitriles as affected by their structure. L. Kh. Freidlin, T. A. Sladkova. Dokl. AN SSSR 143 no. 3:625-628 Mr '62

Electron paramagnetic resonance studies of the thermal activation of chromium gel. IU. I. Pecherskaia, V. B. Kazanskii, V. V. Voevodskii Kin. i kat. 3 no. 1 111-113 '62

Exchange acidity of aluminosilicate catalysts. Part 1: Exchange acidity of aluminosilicate suspensions. M. V. Elrish, Izv. vys. ucheb. zav.; khim. i khim. tekh. 4 no. 6: 949-954 '61.

Flow reactors for measuring catalytic activity G. P. Korneichuk, IU. I. Platnitskii Kin. i kat. 3 no. 1 157-161 '62

Objectives of Russian inorganic chemistry in connection with the decisions of the 22d Congress of the CPSU. Catalysis and complex formation in inorganic chemistry. K. B. IAtsimirskii Zhur. neorg. khim. 7 no. 2:225-226 F '62

Optimum conditions for the production of ethylene oxide M. G. Slin'ko and others. Kin. i kat. 3 no. 1 145-153 '62.

Relationship between the capacity of organometallic compounds for exchanging organic groups, and their catalytic activity in polymerization [with summary in English]. L. M. Nazarova, G. F. Aleksandrova Vysokom. soed. 3 no. 12 1822-1826 D '61.

CATALYSIS—CONGRESSES

All-Union Conference on methods for determining the activity of catalysts. IA. B. Gorokhovatskii Kin. i kat. 3 no. 1 165-167 '62

CATALYSTS

Catalytic polymerization of olefins. Part 3 Effect of the Ziegler catalyst composition on the molecular weight of polyethylene [with summary in English]. A. G. Pozamentir, A. A. Korotkov, I. S. Lishanskii Vysokom. soed. 3 no. 12:1769-1773 D '61.

Effect of the carrier on the properties of propylene oxidation catalysts. IA. B. Gorokhovatskii, M. IA. Rubanik, E. N. Popova. Kin. i kat. 3 no. 1:133-138 '62

Kinetics and mechanism of the polymerization of α-olefins on complex catalysts. Part 5 Kinetics of ethylene polymerization on $TiCl_4$ - $Al(iso\text{-}C_4H_9)_2Cl$ [with summary in English] I. N. Meshkova and others. Vysokom. soed. 3 no. 12:1818-1822 D '61.

Liquid phase catalytic oxidation of organic compounds on noble metals Part 3: Oxidation of ethylene glycol to glyoxal. I. I. Ioffe, N. V. Klimova, A. G. Makeev. Kin. i kat. 3 no. 1 107-110 '62.

Molybdenum-tungsten catalysts in the reaction of chlorination of paraffin hydrocarbons. S. D. Mekhtiev, A. E. Kalaushin. Azerb. neft. khoz. 40 no. 10:37-39 O '61.

Poisoning of iron catalysts of ammonia synthesis E. Kh. Enikeev, A. V. Krylova Kin. i kat. 3 no. 1:139-144 '62.

Polymerization of allylbenzene in the presence of a Ziegler type catalytic system. A. V. Topchiev, G. L. Chernyi, V. N. Andronov. Dokl. AN SSSR 143 no. 4:879-882 Ap '62.

CATALYSTS, CHROMIUM

Rode, T. V. [Oxygen compounds of chromium and chromium catalysts] Kislorodnye soedineniia khroma i khromovye katalizatory. Moskva, Izd-vo Akad. nauk SSSR, 1962. 278 p.

CATALYSTS, COPPER

Catalytic properties of copper as affected by irradiation. P. Tetenyi, L. Babernics. Dokl. AN SSSR 143 no. 3 616-617 Mr '62.

Studying the catalytic oxidation of propylene. Report No. 7 Studying the sorption of propylene by copper catalysts on silicon carbide and aluminum oxide by A. M. Rubinshtein's dynamic method. N. I. Popova, K. P. Zhdanova. Izv. Sib. otd. AN SSSR no. 12 48-52 '61.

CATALYSTS, NICKEL see Nickel catalysts

CATAPULTS (AERONAUTICS)

Resistance of animals to the impact load factor acting in the direction close to the longitudinal axis of the body [with summary in English]. E. M. Ilganov, I. I. Kas'ian, V. I. Dzdovskii. Izv. AN SSSR. Ser. biol. 27 no. 1 90-95 Ja-F '62.

CATARACT

Change in the proteins of the crystalline lens in experimental radiation cataract [with summary in English] K. F. Firfarova, E. M. Kedrova. Vop. med. khim. 7 no. 3 285-291 My-Je '61.

Irradiation cataract caused by the traumatization of the irradiated crystalline lens. V. V. Popov. Dokl. AN SSSR 143 no. 2 441-443 Mr '62.

CATARRH

Luk'ianova, O. M. [Prevention and treatment of acute catarrhs of the respiratory tract in children] Zapobihannia ta likuvannia hostrykh katariv dykhal'nykh shliakhiv u ditei. Kyiv, Derzh. vyd-vo URSR, 1961. 18 p.
(DNLM)

CATERPILLARS

Morphological and functional importance of the elements of mouth apparatus in the caterpillars of some moths [with summary in English]. A. A. Makhotin, E. D. Davydova. Zool. zhur. 40 no. 12, 1842-1857 D '61.

CATHETERS

Savel'ev, V. S. [Catheterization and angiocardiography in congenital defects of the heart] Zondirovanie i angiokardiografiia pri vrozhdennykh porokakh serdtsa. Moskva, Medgiz, 1961. 238 p.
(DNLM)

CATHODIC PROTECTION

Methods of calculating the cathodic protection of the underwater part of seagoing ship hulls. L. A. Suprun. Sudostroenie 28 no. 2 11-16 F '62.

CATHOLIC CHURCH

(see also subdivision under Africa, Latgale; Lithuania)

[Fathers of darkness] Ottsy t'my. Moskva, Gos. izd-vo detskoi lit-ry, 1960. 509 p. (Shkol'naia biblioteka)
(NNC)

CATHOLIC CHURCH—HYMNS

Catholic Church. Liturgy and ritual. [Hearts up! Prayer and hymn book for Catholics] Uz angsu sirdis! Lyugsonu un dzismu gromota katolim. Sakupoja: Prelats S. Vaikuls. [Riga] Izdevejs Rigas Metropolijas Kurija [1957?] 540 p. [In Latvian]

CATHOLIC CHURCH—PRAYER-BOOKS AND DEVOTIONS

Catholic Church. Liturgy and ritual. [Hearts up! Prayer and hymn book for Catholics] Uz angsu sirdis! Lyugsonu un dzismu gromota katolim. Sakupoja: Prelats S. Vaikuls. [Riga] Izdevejs. Rigas Metropolijas Kurija [1957?] 540 p. [In Latvian]

CATHOLIC CHURCH IN LITHUANIA

Lauraitis, Vincas. Zemaicių Kalvarija. Antrasis leidimas. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 26 p. [In Lithuanian]

CATIONS

Effect of beryllium and some other bivalent cations on the phosphoglucomutase activity of muscles [with summary in English] Liu IUi-tan [Liu Yu-t'ang] Vop. med. khim. 7 no. 6 605-608 N-D '61.

CATTLE

IUrmaliat, A. P. [Raising young cattle] Vyrashchivanie molodniaka krupnogo rogatogo skota. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1961. 150 p.
(DA)

CATTLE—DISEASES AND PESTS

Pathogen of thelaziasis of cattle and its intermediate host. A. A. Tukhmanians, E. A. Shakhurina. Uzb. biol. zhur. 6 no. 1 40-44 '62.

Reduction of metacarpal second bone of cattle. P. I. Arutiunian. Izv. AN Arm. SSR. Biol. nauki 15 no. 2 99-101 '62.

CATTLE BREEDING

(see also subdivision under Buryat-Mongolia; Ukraine)

Estrus and ovulation periods in Red Steppe cattle. E. P. Steklenev. Dop. UASHN 3 no. 2 42-43 Mr-Ap '60.

CAUCASUS—AVALANCHES

Formation of avalanches and their control. V. S. Chitadze. Trudy Tbil. NIGMI no. 9 103-106 '61.

CAUCASUS—BEETLES

A few new species of the genus Bryaxis Kug. in the Caucasus (Coleoptera, Pselaphidae) [with summary in French]. Claude Besuchet. Zool. zhur. 40 no. 12. 1827-1831 D '61.

CAUCASUS—CADDIS FLIES

Caddis flies Rhyacophila forcipukata Mart. and Rhyacophila bacurisnica Lepn. (Trichoptera, Annulipalpia) in the Caucasus [with summary in English] G. Lepneva. Ent. oboz. 40 no. 3, 652-658 '61.

CAUCASUS—FOLDS (GEOLOGY)

Shurygin, A. M. [Conditions governing the formation of structures in the southeastern Caucasus] Usloviia formirovaniia struktur IUgo-Vostochnogo Kavkaza. Moskva, Izd-vo Akad. nauk SSSR, 1962. 138 p.

CAUCASUS—GAS, NATURAL—GEOLOGY

Salaev, S. G. [Oligocene-Miocene sediments in the southeastern Caucasus and their oil and gas potentials] Oligotsen-miotsenovye otlozheniia IUgo-Vostochnogo Kavkaza in ikh neftegazonosnost'. Red. M. V. Abramovich. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1961. 252 p.

CAUCASUS—GEOGRAPHY—CONGRESSES

Conference on the regionalization of the Caucasus. I. I. Mukhina. Izv. AN SSSR. Ser. geog. no. 2 143-144 Mr-Ap '62.

CAUCASUS—GLACIERS

Atmospheric processes as a factor affecting glacier fluctuations in the Greater Caucasus. V. M. Giginei-shvili, E. A. Napetvaridze, K. I. Papinashvili. Trudy Tbil. NIGMI no. 8, 3-9 '61.

Characteristic features of the recession of glaciers in the Caucasus. V. Sh. TSomaia. Trudy Tbil. NIGMI no. 9 130-135 '61.

Glaciers of the eastern Caucasus. I. M. Kisin. Trudy Tbil. NIGMI no. 9 123-130 '61.

Relationship between glacier ablation and the amount of moraine materials on their surface. V. Sh. TSomaia, I. M. Kisin. Trudy Tbil. NIGMI no. 8 63-67 '61.

CAUCASUS—GLACIOLOGICAL RESEARCH

State of studies and problems in exploring the snow cover and glaciers of the Caucasus. G. N. Khmaladze. Trudy Tbil. NIGMI no. 9 8-18 '61.

CAUCASUS—GLACIOLOGICAL RESEARCH—CONGRESSES

From the editor. Trudy Tbil. NIGMI no. 9 3-4 '61.

Introductory address. V. P. Lominadze. Trudy Tbil. NIGMI no. 9 6-7 '61.

Opening of the conference. Sh. A. Azizbekov. Trudy Tbil. NIGMI no. 9 5 '61.

Resolution of the First Transcaucasian Conference on the *Study of the Snow Cover, Snow Avalanches, and Glaciers* of the Caucasus held on March 10-14, 1960 in Baku. Trudy Tbil. NIGMI no. 9 196-198 '61.

CAUCASUS—LANDFORMS

Lilienberg, D. A. [Relief of the southern slope of the eastern part of the Greater Caucasus] Rel'ef iuzhnogo sklona vostochnoi chasti Bol'shogo Kavkaza. Moskva, Izd-vo Akad. nauk SSSR, 1962. 243 p.

CAUCASUS—LITERATURES

"History of the literatures of the Transcaucasian peoples." Reviewed by Aziz Sharif. Vop. lit. 6 no. 2, 198-204 F '62.

CAUCASUS—LIZARDS

Origin and biological role of natural parthenogenesis in the polymorphous group of the Caucasian rocky Lizards Lacerta saxicola Eversmann [with summary in English]. L. S. Darevskii. Zool. zhur. 41 no. 3 397-409 Mr '62.

CAUCASUS—ORTHOPTERA

Orthoptera of the main Caucasus Range in the upper reaches of the Teberda River and their vertical distribution [with summary in English]. L. M. Kopaneva. Zool. zhur. 41 no. 3, 378-383 Mr '62.

CAUCASUS—PETROLEUM GEOLOGY

Salaev, S. G. [Oligocene-Miocene sediments in the southeastern Caucasus and their oil and gas potentials] Oligotsen-miotsenovye otlozheniia IUgo-Vostochnogo Kavkaza in ikh neftegazonosnost'. Red. M. V. Abramovich. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1961. 252 p.

CAUCASUS—ROCKS, SEDIMENTARY

Lithology of Upper Triassic sediments in the northern slope of the western Caucasus. Z. P. Edigarian. Izv. AN Arm. SSR. Geol. i geog. nauki 15 no. 1, 47-65 '62.

CAUCASUS—RUNOFF

Calculating the runoff of glacier-fed rivers of the Caucasus. V. Sh. TSomaia. Trudy Tbil. NIGMI no. 9, 170-175 '61.

Effect of glaciation on the mean and annual [illegible] rivers of the Greater Caucasus and the [illegible] its calculation. G. N. Khmaladze. Trudy [illegible] no. 9 148-165 '61.

CAUCASUS—TOXOPLASMOSIS

Toxoplasmosis in wild birds of the U.S.S.R. [illegible] gisle, V. M. Gusev. Dokl. AN SSSR 143 no. 3 [illegible] Mr '62.

CAUCASUS—TRAVERTINE

Correlation of travertines in Mashuk Mountain [illegible] mineral water region. R. P. Luzhkov. [illegible] chetv. per. no. 26 141-146 '61.

CAUCASUS—WORLD WAR, 1939-1945

Zakrutkin, Vitalii. [Caucasian notes, 1941-1943] [illegible] skie zapiski, 1942-1943. Moskva, Voen. izd-vo [illegible] obor. SSSR, 1962. 419 p.

CAUCASUS, NORTHERN—FERNS

Morphological and anatomical study of [illegible] ferns of the Northern Caucasus. D. A. Mur[illegible] Trudy Ln. khim.-farm. inst. 12 55-68 '61.

CAUCASUS, NORTHERN—FOREST ECOLOGY

Types of forest sites in the northwestern [illegible] Maltsev. Les. khoz. 15 no. 2 14-15 F '62.

CAUCASUS, NORTHERN—FORESTS AND FOREST [illegible]

In the Northern Caucasus. V. I. Klevtsov. [illegible] 15 no. 1 80-81 Ja '62.

CAUCASUS, NORTHERN—LABOR AND LABORING CLASSES

An interuniversity conference on the history of [illegible] classes in Daghestan and the Northern Caucasus. F. [illegible] Ramazanov. Ist. SSSR 6 no. 2 226-227 Mr-Ap.

CAUCASUS, NORTHERN—LEAF BEETLES

Leaf beetles of the Northwestern Caucasus ([illegible] chrysomelidae). Report No. 1. Donatelloidae [illegible] forms [with summary in English]. L. N. Medvedev. Zool. zhur. 41 no. 3 369-380 Mr '62.

CAUCASUS, NORTHERN—PALEONTOLOGY, [illegible] PHIC

Relationship between the upper Jurassic [illegible] of Georgia and the Northern Caucasus. N. G. [illegible] shvili. Trudy Inst. paleobiol. AN Gruz. SSR [illegible] 212 '61.

CAUCASUS, NORTHERN—PERIWINKLE

Some morphological and anatomical characteristics of periwinkle species growing in the Northern Caucasus. [illegible] Bochanova. Trudy Ln. khim.-farm. inst. [illegible]

CAUCASUS, NORTHERN—PLANTS—FROST RESISTANCE

Recurrence of hazardous winter temperatures [illegible] tures with an isogram covering areas of [illegible] of tea and other subtropical crops in the [illegible] mont zones of Northern Caucasus and [illegible] G. G. Meladze. Subtrop. kul't. no. 1 [illegible]

CAUCASUS PRESERVE—PARASITES—RODENTS

Helminths of rodents in the Caucasian Preserve. [illegible] Ershova. Uch. zap. GGPI no. 27, 103-110 '60.

CAVERNOUS SINUS—ABNORMITIES AND DEFORMITIES

Role of the orbital artery in the retrograde [illegible] for a carotid-cavernous anastomosis. [illegible] Vop. neirokhir. no. 2 1-6 '62.

CAVES see subdivision under Kugitang-Tau Range

CAVITATION

Cavitation flow of a stream with finite width [illegible] A. V. Kuznetsov. Izv. AN SSSR. Otd. tekh. n[illegible] mashinostr. no. 1 174-177 Ja-F '62.

Raboinov, B. A. [Problems in the resistance of [illegible] blade (Kaplan) hydraulic turbines to cavitation] [illegible] kavitatsionnoi stoikosti povorotnolopastnykh [illegible] Moskva, Gos. energ. izd-vo, 1961. 234 p.

Tamed enemy. Iurii Temnikov. Znan. sila [illegible] F '62.

CEDRENE

Study of the chemical constituents of essential [illegible] Part 1. Reduction of cedrene α-oxide. M. I. [illegible] G. A. Tolstikov. Zhur. ob. khim. 32 no. 1 [illegible] '62.

CELLS

"Droplets of life" by A. N. Studitskii. Reviewed by [illegible] N. Lysogorov. Nauka i zhizn' 29 no. 2 50 F '62.

New efficient methods of using electron microscope in investigating tissue cells with the help of ultrathin sections. V. N. Reingold'd. Biul. MOIP, Otd. biol. 67 no. 1 157 Ja-F '62.

Origin of lipid inclusions in somatic cells; [illegible] microscope investigation. I. B. Tokin. Nauch. [illegible] shkoly, biol. nauki no. 1 51-53 '62.

Rehabilitation of desoxyribonucleinic acid. R. Sa'ga. Nauka i zhizn' 29 no. 1 10-13 Ja '62.

CELLULOSE

Methylcellulose as a base for ointments M Kh. Gluzman, I. B. Levitskaia, G. S. Bashura. Med. prom 16 no. 1 21-24 Ja '62.

Modification of cotton cellulose by organic diisocyanates. Kh U. Usmanov, M. IA. Pilosov. Uzb khim. zhur 6 no. 1:26-33 '62.

Synthesis of new derivatives of cellulose and other polysaccharides. Part 17 Synthesis of graft copolymers of cellulose and polymethylvinylpyridine [with summary in English] IU. G Kriazhev, Z. A Rogovin Vysokom soed 3 no 12 1847-1852 D '61

Synthesis of new derivatives of cellulose and other polysaccharides. Part 18: Synthesis of sulfo derivatives of cellulose cyanurate [with summary in English] L S Gal'braikh and others Vysokom soed 4 no 3:409-413 Mr '62.

CELLULOSE-DECOMPOSING BACTERIA see Bacteria, Cellulose-decomposing

CEMENT

Improving the use of cement in construction M. G. Kobrin Prom. stroi. 40 no 3,12-44 '62

Increasing production and use of blast-furnace slag cement without clinker G. V. Pukhal'skii Stroi mat 8 no. 2;3-6 F '62

CEMENT—BIBLIOGRAPHY see Bibliography—Cement

CEMENT—PRICES

The necessity of changing the current prices for cement A N Liusov. TSement 27 no 6 17-19 N-D '61

CEMENT CLINKERS

Study of hydrated clinker minerals at temperatures below the freezing point V B Volkonskii, V I Sadkov, V. M Sergunin TSement 27 no. 6 19-22 N-D '61

CEMENT INDUSTRIES

The cement industry's need for refractories A K Beliaev. TSement 27 no 6 5-7 N-D '61

We are putting into practice the decisions of the historic 22d Congress of the Party TSement 27 no 6 2-4 N-D '61

CEMENT KILNS

Service of linings in the clinkering zone. N. V Il'ina, G A Sokhatskaia, M N Shadrina. TSement 27 no 6 8-10 N-D '61

CEMENT PLANTS

Contactless automatic systems for controlling the charging of raw and cement mills. I. A Matiatin TSement 27 no 6 28-29 N-D '61.

The lining of a ball mill. D. A Izbalykov. TSement 27 no. 6:31 N-D '61.

Two-way regulating baffle for equal distribution of slurry along a concentrator. M. A Dzhirikhov. TSement 27 no 6:30-31 N-D '61.

CEMENTATION (METALLURGY)

Speed of formation of metallic films during the mutual displacement of metals from a solution. A. N. Krestovnikov, E. I Feigina Sbor. nauch. trud. GINTSVETMET no. 33 13-17 '60

CENSORSHIP—BIBLIOGRAPHY see Bibliography—Censorship

CENTAUREA see subdivision under Karelian Isthmus

CENT'ENARIANS

Giants M. Pinchuk. Belarus' 10 no. 3 24 Mr '62.

CENTRAL ASIA see Asia, Central

CENTRAL ASIA, SOVIET see Soviet Central Asia

CENTRAL BLACK EARTH REGION—COLLECTIVE FARMS

Utilization of time by collective farmers; as exemplified by the collective farms in the Central Black Earth Region. L. Lenkova. Ekon. sel'khoz. 33 no. 1 43-49 Ja '62.

CENTRAL BLACK EARTH REGION—SOILS—CLASSIFICATION

Standardization of the classification and nomenclature of soils in the Central Black Earth Region. P. G. Aderikhin Pochvovedenie no. 2:1-6 F '62.

CENTRAL SIBERIAN PLATEAU—EROSION

Does peneplanation exist in the Central Siberian Plateau? S. F. Kozlovskii, I. I. Krasnov. Izv. AN SSSR. Ser. geog. no. 2;3-17 Mr-Ap '62.

CENTRIFUGAL PUMPS

New centrifugal immersion pump for transferring nitric acid. V. I. Teterlukov, A. E. Voronkov. Khim. mash. no. 2:5-6 Mr-Ap '62.

CENTRIFUGATION

Determining by analytic ultracentrifugation the quantity of the components in extracts from Leptospira. E. S. Stanislavskii, M. I. Zhvanetskaia. Zhur mikrobiol., epid. i immun. 33 no. 2,126-127 F '62.

CENTRIFUGES

Automatic system of batch feeding of centrifuges. V A Nikolaev. Khim mash. no 2 6-7 Mr-Ap '62.

Calculating critical speed for centrifuges mounted on shock absorbers. L. A. Fainerman. Vest. mash. 12 no. 3 39-41 Mr '62.

CEPHALOPODA

Vision of cephalopods. O. IU. Orlov, A. L Byzov. Priroda 51 no. 3, 115-118 Mr '62.

CEPHALOPODA, FOSSIL

(see also subdivision under Ural Mountains)

Sculptured forms of the Liroceratacese superfamily V N Shimanskii Paleont zhur no 1 74-78 '62

CEPHEIDS

Photographic observations of 13 long-period Cepheids. G. L. Erleksova Biul. Inst. astrofiz. AN Tadzh. SSR no 30 28-61 '61.

Two long-period Cepheids G S. Filatov. Biul Inst. astrofiz An Tadzh. SSR no. 30, 67-73 '61.

Zero point of the relation between period and luminosity. IU N Efremov Astron tsir. no. 223 12-14 Jl '61.

CERAMIC INDUSTRIES

From the pages of foreign magazines. Stek. i ker. 19 no. 2:44-47 F '62.

Let's raise labor productivity by every possible means. Stek. i ker. 19 no. 2:1-4 F '62

Luk'ianenko, I. N., V. I. Moskovchenko, and I. M. Shekul'ko. [Kilns and drying apparatus used in the ceramic industry, examples of designs] Pechi ta susharky keramichnoi promyslovosti; pryklady rozrakhunkiv. Kyiv, Derzh. vyd-vo lit-ry z budivnytstva i arkhit. URSR, 1961. 198 p.

New frontiers. Stek. i ker. 19 no. 11:1-3 N '61

Tasks of the fourth year of the seven-year plan. Stek. i ker 19 no 11-3 Ja '62

CERAMIC INDUSTRIES—BIBLIOGRAPHY see Bibliography—Ceramic industries

CERAMIC INDUSTRIES—EQUIPMENT AND SUPPLIES

Bulavin, I. A. [Machinery for the manufacture of fine ceramic articles] Mashiny dlia proizvodstva tonkoi keramiki, Izd. 2., dop. i perer. Moskva, Mashgiz, 1962. 410 p.

CERAMIC METALS

Pysarenko, H. S., and V. T. Troshchenko. [Statistical theory of strength and its application to ceramic metal materials] Statystychni teorii mitsnosti ta ikh zastosuvannia do metalokeramichnykh materialiv. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 104 p.

CERAMIC PLANTS see subdivision under Czechoslovakia; Ukraine

CERAMICS

Caking in the system ZnO - TiO_2 B. A. Loshkarev. Stek i ker 19 no. 3 22-26 Mr '62

Causes of the formation of projecting strips on poured articles. A. M. Akhalian. Stek. i ker. 19 no. 2:29-30 F '62.

Clays from the Komi A. S. S. R should be used for the manufacture of ceramic tile P V Iznosov Stek i ker 19 no. 3,28-32 Mr '62.

Dependence of the rate of drying ceramic products on their relative elongation by stretching. M. M. Naumov. Stek. i ker. 19 no. 3:18-22 Mr '62.

Effect of the gas medium on the quality of the glazed surface during glost firing. IU. G. Shteinberg. Stek. i ker. 19 no. 2,26-29 F '62.

Flow lines for the polishing and sorting of porcelain products M. N. Lianda, A. A. Miroshnichenko. Stek. i ker. 19 no. 3 41-43 Mr '62.

Let's make wider use of effective glass and ceramic articles in construction. G. M. Baklanov. Stek. i ker. 19 no. 2:40-42 F '62.

Moroz, I. I. [Technology of structural ceramics] Tekhnologiia stroitel'noi keramiki. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1961. 463 p.

Petrova, A. N. [Booklet on safety engineering and industrial hygiene for shaper-finishers of ceramics, porcelain and faience articles] Pamiatka po tekhnike bezopasnosti i promyshlennoi sanitarii dlia formovshchika farforovykh, faianosovykh i keramicheskikh izdelii. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 8 p. (Tekhnika bezopasnosti v promyshlennosti stroitel'nykh materialov)

Proportioning the clay components of porcelain paste by volume. L. A. Strutinskii. Stek. i ker. 19 no. 2:38-40 F '62.

CERAMICS—BIBLIOGRAPHY see Bibliography—Ceramics

CERAMICS—EQUIPMENT AND SUPPLIES see subdivision under United States

CERAMICS—EXHIBITIONS

Glass and ceramics at the Exhibition of Achievements of the National Economy. Stek. i ker. 18 no. 11:46 N '61.

CERAMICS—QUALITY CONTROL

Rapid methods for the quality control of glazes and glaze coatings IU. IA Eiduk. Stek i ker 19 no 3-32-35 Mr '62

CEREBELLUM

Effect of the complete removal of cerebellum on the development of sexual functions and reproductive activity in female dogs L. P Markarian Izv AN Arm SSR Biol nauki 14 no 12 105-110 D '61

Evaluating the role of cerebellum in the higher nervous activity of dogs. L. P. Markarian, L. E. Terdzhanian. Izv. AN Arm. SSR, Biol. nauki 14 no. 11, 65-71 N '61.

Increasing the radioresistance of nerve tissues by thiamine preparations combined with narcotics P. F. Minaev, P Moshchinskii, E P. Skorobogatova Dokl AN SSSR 143 no 4 976-979 Ap '62

CEREBRAL ARTERIOSCLEROSIS

Characteristics of the blood pressure in the vessels of the brain in hypertensive, atherosclerotic and involutional psychoses [with summary in French] A. D. Doll'nitsyna. Zhur nevr i psikh 62 no 3,422-427 '62

CEREBRAL CORTEX

Appearance of an "isolated pathological point" in the auditory analysor of a dog [with summary in English] L. P. Rudenko Zhur. vys nerv deiat 11 no 6 1094-1098 N-D '61.

Cerebral cortex dynamics in patients with obesity during various stages of treatment [with summary in English]. A. I. Makarychev and others Vop pit. 21 no 2 41-47 Mr-Ap '62.

Changes in the bioelectric activity of the cerebral cortex in rabbits immediately following inhalation of radon and the application of radioactive bandages S N Ardashnikov, M. L Rait Med rad 5 no 1 18-22 Ja '60

Changes in the initial response of the auditory zone of the cerebral cortex and temporary connection [with summary in English]. V. A. Jmyria-Novi. Fiziol. zhur [Ukr.] 7 no. 6;745-754 N-D '61

Electrophysiological study of the cerebral cortex of healthy subjects and patients with chronic alcoholism acting through the first and second signaling systems in the course of a hypnotic state [with summary in French] I. V. Strel'chuk, A. M. Melekhova Zhur. nevr. i psikh. 62 no. 3 428-439 '62

Functional state of the central nervous system in women during childbirth [with summary in English]. L. V. Tymoshenko. Fiziol. zhur. [Ukr.] 7 no. 6:836-840 N-D '61.

Local fluctuations of temperature in the sigmoid convolution of the cerebral cortex in dogs [with summary in English]. V. IA. Berezovskyi. Fiziol. zhur. [Ukr.] 7 no. 6 803-810 N-D '61.

Pathoarchitectonics of the cerebral cortex in schizophrenia in the light of the most recent data. A D. Zurabashvili. Zhur nevr. i psikh 61 no 8 1241-1243 '61.

Reactivity of the cortical apparatus as a clinical neurodynamic problem. A. D. Zurabashvili. Vest AMN SSSR 17 no. 1:32-35 '62

Studies of the bioelectrical activity of the cerebral cortex in epilepsy. F. A. Leibovich Vest. AMN SSSR 17 no 1; 65-77 '62.

Wrinkling of neurons of the cerebral cortex in albino rats subject to hypoxia and mechanical injuries N F Kaztrikin. Nauch dokl. vys. shkoly, biol nauki no 1 54-56 '62.

CEREBRAL CORTEX—INNERVATION

Structural organization of the interrelations of the neurons in the cerebral cortex in man G. I. Polikov. Vest. AMN SSSR 17 no. 1:77-87 '62.

CEREBRAL CORTEX—SURGERY

Role of argyrophilic fibers in reparative osteogenesis following partial extirpation of the cerebral cortex [with summary in English]. M. B. Rappoport Biul eksp. biol i med. 53 no 2 115-117 F '62.

CEREBROSPINAL FLUID

"Cerebrospinal fluid pressure. Studies on the physiology, pathophysiology and the effect of medicine on the dynamics of the cerebrospinal fluid [in German]" by R. Hemmer Reviewed by E. Shternberg. Zhur. nevr i psikh 61 no 8:1269-1270 '61

"Cytology of the cerebrospinal fluid [in German]" by J. Sayk. Reviewed by E. Shternberg Zhur. nevr. i psikh. 61 no. 8:1270 '61

Fedotov, A. I. [Study of cerebrospinal fluid in veterinary science] Veterinarnaia likvorologiia. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1951. 179 p. (DA)

Free amino acids in the cerebrospinal fluid in otogenic intracranial complications [with summary in English]. G. A. Feigin. Vop. med. khim. 7 no. 3,291-296 My-Je '61.

Prolonged lumbar vinyl chloride drainage. V. I. Grebeniuk. Vop. neirokhir no. 2,41-42 '62.

CEREBROVASCULAR DISEASE

Clinical aspects of disorders of the brain's blood supply in the region of the brain stem in combination with vascular disorders of other areas of the brain [in Azerbaijani with summary in Russian] A N. Mursakulova. Azerb. med zhur. no. 12 28-30 D '61

CEREBROVASCULAR DISEASES (Continued)

Study of the peripheral capillaries in vascular diseases of the brain [with summary in French]. M. Vantov, V. Ivantsev. Zhur. nevr. i psikh. 61 no. 8 1187-1192 '61

CERIUM

Effect of treating liquid chromium-nickel steel by cerium on the characteristics of its crystallization. IA. E. Goldshtein and others. Stal' 22 no. 3 256-261 Mr '62

CERIUM—ISOTOPES

Decreasing the deposit of Y^{91} and Ce^{144} in the body by using some complexing agents. N. O. Razumovskii, O. L. Torchinskaia, V. S. Balabukha. Biofizika. 6 no. 5 610-614 '61

CERIUM-IRON ALLOYS see Iron-cerium alloys

CERIUM-VANADIUM ALLOYS see Vanadium-cerium alloys

CERUSSITE

Effect of calcium and magnesium ions on cerussite sulfidizing and flotation processes. V. A. Glembotskii, I. M. Kulikov. Izv. vys. ucheb. zav., tsvet. met. 5 no. 2 38-41 '62

CESIUM

Studying the angular distribution of photoelectrons knocked out by Cs^{137} gamma rays from targets with different Z values [with summary in English]. A. A. Rimskii-Korsakov, V. V. Smirnov. Zhur. eksp. i teor. fiz. 42 no. 1, 67-68 Ja '62.

Temperature dependence of the surface tension of cesium. O. A. Timofeevicheva, V. B. Lazarev, A. V. Pershikov. Dokl. AN SSSR. 143 no. 3, 618-620 Mr '62

CESIUM—ISOTOPES

Use of radioactive cesium (Cs^{137}) in gamma ray therapy. M. A. Volkova, S. G. Pel'man. Med. rad. no. 3 3-5 '62

CESTODA see subdivision under Amur Valley; Barsa-Kel'mes Island

CHAENICHTHYRIDAE

Characteristics of the blood in white-blooded fish [with summary in English]. L. D. Martsinkevich. Arkh. anat. gist. i embr. 41 no. 12 75-78 D '61.

CHAIKOVSKII, PETR IL'ICH, 1840-1893

Structure of the sonata elaborations and the discordance of the symphonic development in the works of P. I. Chaikovskii. V. P. Kostarev. Nauch.-metod. zap. Ural. gos. kons. no. 4 211-224 '61.

Veprik, A. M. [Outline of styles in orchestration] Ocherki po voprosam orkestrovykh stilei. Moskva, Sovetskii kompozitor, 1961. 452 p.

CHALCID FLIES

Specific independence of almond and prune chalcids (Hymenoptera, Chalcidoidea, Eurytomidae) [with summary in English]. M. N. Nikol'skaia. Ent. obozr. 40 no. 3 673-676 '61

Type Diversinervus paradisicus (Motsch.) (Hymenoptera, Encyrtidae) [with summary in English]. V. A. Triapitsyn. Ent. obozr. 40 no. 3 669-672 '61

CHALCOPYRITE

Anodic dissolution of chalcopyrite in aqueous solutions. N. I. IAgn, V. G. Sokolova. Zap. Vses. min. ob-va. 91 no. 1 30-37 '62.

CHAMZINKA DISTRICT (MORDOVIA)—APPENDICITIS—CASES, CLINICAL REPORTS, STATISTICS

Incidence of appendicitis among the rural population. A. E. Aleev. Kaz. med. zhur. no. 1 74 Ja-F '62.

CHANCE

Formulas for the extrapolation of random fields. M. I. Fortus. Teor. veroiat. i ee prim. 7 no. 1 104-113 '62.

Martingales on metric spaces [in English]. V. E. Benes. Teor. veroiat. i ee prim. 7 no. 1 92-83 '62.

Note on some stochastic approximation processes. T. P. Krasulina. Teor. veroiat. i ee prim. 7 no. 1 113-118 '62

Stochastic equations for diffusion processes in a bounded region. Part 2 [with summary in English]. A. V. Skorokhod. Teor. veroiat. i ee prim. 7 no. 1 5-25 '62.

CHANGE OF LIFE IN MEN see Climacteric

CHAPAEV, VASILII IVANOVICH, 1887-1919

Legendary commander of a Soviet division; on the 75th anniversary of V. I. Chapaev's birth. N. Khlebnikov. Komm. Vooruzh. Sil 2 no. 2 92-93 Ja '62.

V. I. Chapaev. Uzbekistan 21 no. 2 14 F '62.

V. I. Chapaev. Voen. vest. 41 no. 2 118 F '62.

CHARACTERS AND CHARACTERISTICS IN LITERATURE

Youth is searching for a hero. T. Panfilova. Sov. profsoiuzy 18 no. 6 33 Mr '62.

CHARUSHIN, EVGENII IVANOVICH, 1901-

Meeting with E. I. Charushin. V. D. Razova, V. A. Boguslavskaia. Doshk. vosp. 35 no. 4 97-98 Ap '62.

CHEBOKSARY—OPERA

Days of creativeness. V. Voronov. Ogonek. 40 no. 14 25 Ap '62.

CHEBOKSARY—TEXTILE INDUSTRY

Dress from Cheboksary. IU. Sergeev. Sov. Soiuz no. 4 26-27 '62

CHEBOTAREV, ALEKSANDR STEPANOVICH, 1861-

Eightieth birthday of Aleksandr Stepanovich Chebotarev, Doctor of Technical Sciences. N. I. Modrinskii. Izv. vys. ucheb. zav., geod. i aerof. no. 6 119-120 '61.

CHECHEN-INGUSH A.S.S.R.—FARM MECHANIZATION

Vanian, R. M. [Mechanization of livestock farms, work practices at the state farms and collective farms in the Chechen-Ingush A.S.S.R.]. Mekhanizatsiia zhivotnovodcheskikh ferm, iz opyta rabot sovkhozov i kolkhozov Checheno-Ingushetii. Groznyi, Checheno-Ingushskoe knizhnoe izd-vo, 1962. 57 p.
(DA)

CHECHEN-INGUSH A.S.S.R.—REVOLUTION, 1917-1921

Nogov, A. F. [Reminiscences on the October Revolution in the city of Groznyy and in the mountains of the Chechen and Ingush region, from the history of the peoples of the Chechen-Ingush A.S.S.R., 1917-1920] Oktiabr'skaia revoliutsiia v Groznom i v gorakh Checheno Ingushetii (k istorii narodov Checheno-Ingushetii), vostpominaniia, 1917-1920. [Groznyi] Checheno-Ingushskoe knizhnoe izd-vo, 1961. 155 p.

CHECHEN-INGUSH A.S.S.R.—STOCK AND STOCK-BREEDING

Vanian, R. M. [Mechanization of livestock farms; work practices at the state farms and collective farms in the Chechen-Ingush A.S.S.R.]. Mekhanizatsiia zhivotnovodcheskikh ferm; iz opyta rabot sovkhozov i kolkhozov Checheno-Ingushetii. Groznyi, Checheno-Ingushskoe knizhnoe izd-vo, 1962. 57 p.
(DA)

CHECKS

Payment by check. G. Balashev. Den. i kred. 20 no. 3, 66-69 Mr '62.

CHEESE

Makar'in, A. M. [Production of soft cheeses] Proizvodstvo miagkikh syrov. Moskva, Pishchepromizdat, 1960. 93 p.
(DA)

CHEKHOV, ANTON PAVLOVICH, 1860-1904

"From the archives of A. P. Chekhov." Reviewed by N. IUrgeneva. Vop. lit. 6 no. 2 226-227 F '62.

Kotov, A. K., ed. [Chekhov in the reminiscences of his contemporaries] Chekhov v vospominaniiakh sovremennikov. [Moskva] Gos. izd-vo khudozh. lit-ry, 1960. 633 p. (Seriia literaturnykh memuarov)
(PPIU)

Zakharkin, A. F. [Anton Pavlovich Chekhov; an account of his life and works] Anton Pavlovich Chekhov; ocherk zhizni i tvorchestva. Moskva, Sovetskaia Rossiia, 1961. 158 p.
(NN)

CHEKHOV—PRINTING PLANTS

Construction of the Chekhov printing plant is proceeding slowly. V. A. Agaltsov. Poligr. proizv. no. 2 8-9 F '62.

CHELEKEN PENINSULA—COQUIMBITE

Coquimbite from the Cheleken Peninsula. V. M. Budko. Zap. Vses. min. ob-va. 91 no. 1 103-107 '62.

CHELYABINSK—CHEMICAL INDUSTRIES

The secret of character. Viacheslav Sterin. Sov. profsoiuzy 18 no. 3 30-33 F '62.

CHELYABINSK—WOMEN IN PUBLIC LIFE

The secret of character. Viacheslav Sterin. Sov. profsoiuzy 18 no. 3 30-33 F '62.

CHELYABINSK BASIN—COAL MINERS

Active members are our support. A. Kumanin. Sov. shakht. 11 no. 4 33-34 Ap '62.

CHELYABINSK BASIN—COAL MINES AND MINING

Unsolved problems. L. Savol'ev. Sov. shakht. 11 no. 4 15-16 Ap '62

Without a night shift. I. Belikov. Sov. shakht. 11 no. 4 35 Ap '62.

CHELYABINSK PROVINCE—ELECTRIC PROSPECTING

Practice of using the induced polarization method. O. M. Shapovalov. Razved. i okh. nedr. 27 no. 12 35-42 D '61.

CHELYABINSK PROVINCE—LABOR SUPPLY

Efficient utilization of labor resources in an administrative economic region. A. Orlov. Nauch. dokl. vys. shkoly ekon. nauki 5 no. 1 84-89 '62.

CHELYABINSK PROVINCE—MANUFACTURES

Serious reproof to the province committee. L. Mamoshkin. Mest. prom. i khud. promys. 3 no. 3-4 Mr '62.

CHELYABINSK PROVINCE—RECREATION AREAS

Organization of recreation areas in the region of Chelyabinsk. V. Gofrat. Arkhit. SSSR no. 3 48-51 '62.

CHELYABINSK PROVINCE—STATISTICS

Chelyabinsk (Province) Oblastnoe statisticheskoe upravlenie. [Economy of Chelyabinsk Province; statistical collection] Narodnoe khoziaistvo Cheliabinskoi oblasti, statisticheskii sbornik [Chelliabinsk] Gosstatizdat TsSU SSSR Chelinbinskoe otd-nie, 1961. 177 p.

CHELYABINSK PROVINCE—VOCATIONAL EDUCATION

Our best assistant. A. Graf. Komsom. zhizn' no. 5 17-18 Mr '62.

CHELYABINSK REGION—TREES, FOSSIL

Fossil wood of Taxodioxylon cryptomerioides Chudajb. sp. n. from the Tertiary sediments near Chelliabinsk. R. Khudaiberdyev. Trudy TashGU no. 187, 111-117 '61.

CHEMICAL APPARATUS

Apparatus with a natural circulation for dissolving salts. IU. G. Popandopulo, N. A. Nechaeva. Khim. prom. no. 2 40-41 Mr-Ap '62.

CHEMICAL APPARATUS—CORROSION

Corrosion resistance of materials in process media of the production of coumarone-indene resins. P. I. Gromov, V. N. Cherkashin. Koks i khim. no. 3 47-48 '62

CHEMICAL APPARATUS—PATENTS

Patents. Khim. mash. no. 2, 44-46 Mr-Ap '62

CHEMICAL BONDS

Bond energies of carbon, hydrogen, and oxygen atoms of organic molecules with yttrium oxide. A. A. Tolstopiatova, I. R. Konenko, A. A. Balandin. Kin. i kat. 3 no. 1 103-106 '62

Dorfman, IA. G. [Diamagnetism and chemical bonds] Diamagnetizm i khimicheskaia sviaz'. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 231 p. (Sovremennye problemy fiziki)

Effect of the structuration of elastomers on their adhesion to fiber-forming polymers. Part 2: Effect of double bonds in side chain groups of molecules of elastomers [with summary in English]. V. G. Baevskii, S. S. Voiutskii, I. V. Livanova. Vysokom. soed. 4 no. 3 366-370 Mr '62.

Nature of chemical bond in carbonyls and nitrosyls of transition metals. E. M. Shustorovich. Zhur. strukt. khim. 3 no. 1 103-105 Ja-F '62.

CHEMICAL ELEMENTS

Genealogy of the names of elements. L. Levitskii. Nauka i zhizn' 29 no. 2 29 F '62

Physical face of Mendeleev's table. L. Bobrov. Nauka i zhizn' 29 no. 2 64b-64c F '62.

Quantitative characteristics of the evenness of the distribution of chemical elements in natural formations. V. V. Mogarovskii. Geokhimiia no. 2 101-103 '62.

Taube, P. R., and E. I. Rudenko. [From hydrogen to nobollium? Of vodoroda do... nobollia?] Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 320 p.

CHEMICAL ELEMENTS—THERMAL PROPERTIES

Connection between the temperature of melting of chemical elements with the shortest interatomic distance in their crystal lattices. A. N. Krestovnikov, V. N. Vigorovich. Sbor. nauch. trud. GINTSVETMET no. 11 421-430 '60.

CHEMICAL ENGINEERING—BIBLIOGRAPHY see Bibliography—Chemical engineering

CHEMICAL ENGINEERING—EQUIPMENT AND SUPPLIES

[Chemical machinery manufacture] Ref. zhur. Otd. vyp. 47 Khim. mashinostr. nos. 1-4 Ja-F '62.

Extra strong acid-resistant steel for the chemical machinery manufacture. M. B. Shapiro and others. Khim. mash. no. 2 26-31 Mr-Ap '62.

New machines, devices, and instruments. Khim. mash. no. 2 41-44 Mr-Ap '62.

Poplavskii, IU. V. [Technology of the construction of chemical apparatus] Tekhnologiia khimicheskogo apparatostroeniia. Moskva, Mashgiz, 1961. 286 p.

Russia (1923- U.S.S.R.) Komitet po delam izobretenii i otkrytii. [Collection of inventions; manufacture of equipment for chemical industries] Sbornik izobretenii; khimicheskoe mashinostroenie. Moskva, TSentr. biuro tekhn. informatsii, 1961. 178 p. (Sborniki otechestvennykh izobretenii)

CHEMICAL GEOLOGY see Mineralogy, Determinative

CHEMICAL INDUSTRIES
(see also subdivision under Barnaul; Cholyabinsk; Novo-Moskovsk)

Present state and prospects for the development of the basic chemical industry of the U.S.S.R. V. V. Kirsanushkin. Zhur. VKHO 7 no. 1 2-9 '62.

A price war in the market of chemical products. S. Sakronov. Mir. ekon. i mezhdunar. otn. no. 4 102-104 Ap '62.

Problems of raw materials for the basic chemical industry. V. M. Borisov, N. A. Afanas'ev. Zhur. VKHO 7 no. 1 10-17 '62.

Reducing the expenditure of labor in the chemical industry. G. Tatarian. Sots. trud 7 no. 3 71-75 Mr '62.

Toward further progress of chemical science and industry. Izv. vys. ucheb. zav.; khim. i khim. tekh. 4 no. 6 870-881 '61.

CHEMICAL INDUSTRIES—HYGIENIC ASPECTS

Current problems of labor hygiene in the chemical industry [with summary in English] A S Arkhipov. Gig truda i prof zab 1 no 1 4-9 Ja '60

CHEMICAL LABORATORIES

Scientific and technological seminar of workers of chemical and spectrum analysis laboratories A. N Tkachenko Zav lab 28 no 2 253 '62

CHEMICAL LABORATORIES—EQUIPMENT AND SUPPLIES

Apparatus for obtaining white phosphorus. N A. IArosheliuk. Khim.v shkole 17 no.2:62-63 Mr-Ap '62.

Some suggestions for the construction of universal plug. L.A. Dubynin. Khim.v shkole 17 no.2:59-60 Mr-Ap '62.

CHEMICAL REACTION, RATE OF

Effect of the solvent on the reactivity and other physicochemical characteristics of polar particles. Part 2 Calculating the effects of a medium in the kinetics of decomposition of tert-butyl chloride and the mechanism of the reaction E S Rudakov. Kin i kat 3 no. 1 18-30 '62

Relative reaction rates of peptide synthesis (aminolysis of n-nitrophenyl esters) IU. I. Khurgin, M. G. Dmitrieva. Dokl. AN SSSR 143 no. 3:629-632 Mr '62

Smirnov, N.I. [Theoretical principles of production processes of basic organic synthesis and the synthetic rubbers] Teoreticheskie osnovy proizvodstv osnovnogo organicheskogo sinteza i sinteticheskikh kauchukov; uchebnoe posobie. Leningrad, Severo-Zapadnyi zaochnyi politekhn. in-t.
Vol 2. 1961. 94 p.

Tunnel effect in the case of a double potential barrier E. A. Pshenichnov. Dokl AN SSSR 143 no 4 915-918 Ap '62.

Use of interferometer in the investigation of reaction kinetics A. IA Rozovskii Kin. i kat. 3 no 1 154-156 '62

CHEMICAL REACTORS

Pilot plant testing of a newly designed reactor for the contact pyrolysis of petroleum products and tars F. S Bezmozgin, A. G. Nemchenko, IU D IUdkevich Trudy VNIIT no 10 49-58 '61

CHEMICAL REDUCTION see Reduction, Chemical

CHEMICAL SOCIETIES

At the D. I. Mendeleev All-Union Chemical Society Administrations of the Union Republics and Provinces. Zhur VKHO 7 no. 1:106-107 '62

CHEMICAL STRUCTURE

Decisions of the 22nd Congress of the CPSU and our objectives Zhur strukt. khim 3 no 1 3-4 Ja-F '62

CHEMICAL TESTS AND REAGENTS

Effect of various reagents on the results of electrophoretic and saline fractionation of blood serum proteins [with summary in English]. V. I Okulov Vop med. khim 7 no 6 578-585 N-D '61.

CHEMICAL WARFARE—SAFETY MEASURES

Platoon for radiation and chemical reconnaissance in an attack. N. Markin. Voen. vest. 41 no. 12:98-99 D '61.

CHEMICAL WORKERS—DISEASES AND HYGIENE

Industrial dermatitis caused by Schizandra chinensis tincture A. A. Galinkin. Gig truda i prof. zab. 5 no 6 47 Je '61

CHEMICALS—SAFETY MEASURES

[Safety measures in the transportation, storage, and use of toxic chemicals] Tekhnika bezopasnosti pri transportirovke, khranenii i ispol'zovanii ladokhimikatov. [Moskva, Izd-vo M-va sel'. khoz. RSFSR, 1961] 14 p. (Pamiatka rabotnika sel'skogo khoziaistva)

CHEMISTRY—ABSTRACTS

[Chemistry] Ref. zhur. :Khim. nos. 3-6 '62, Ukazateli za 1960 g., vol. 2, avtorskii ukazatel' A-G.

CHEMISTRY—BIBLIOGRAPHY see Bibliography—Chemistry

CHEMISTRY—EXPERIMENTS

New methods in experimenting with coloring flame by salts. Z. N. Sokolovskaia. Khim.v shkole 17 no.2:55 Mr-Ap '62.

Simple method of obtaining ozone. A. N. Solodkii. Khim.i v shkole 17 no.2:56 Mi-Ap '02.

CHEMISTRY—LABORATORY MANUALS

Nikolenko, L. N. [Practical laboratory work in intermediate products and dyes] Laboratornyi praktikum po promezhutochnym produktam i krasiteliam, Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 383 p.

CHEMISTRY—PROBLEMS, EXERCISES, ETC.

Calculation problems. A. P. IAkhontov. Khim.i shkole 17 no.2:29-32 Mr-Ap '62.

CHEMISTRY—STUDY AND TEACHING
(see also subdivision under Czechoslovakia)

Chemical problems in a chemistry courses for secondary schools. M. V. Fediakin. Khim.v shkole 17 no.2:32-36 Mr-Ap '62.

Chemistry evening on the topic "Metals and alloys." E. K. Varfolomeeva and others. Khim.v shkole 17 no.2:64-70 Mr-Ap '62.

Connection between instruction and practical work of students in a printing house. T. M. Kunina. Khim.v shkole 17 no.2 40-42 Mr-Ap '62.

Connection between the teaching of chemistry and industrial training. I. N Chertkov, P N. Andrianov, S A Shaporinskii. Dokl APN 5 no 4:5-10 '61.

Editor's mail. Khim.v shkole 17 no.2 88-90 Mr-Ap '62.

Independent work of students in laboratory classes on chemistry. D M. Kirlushkin, S.I. Malinina, K. N Fursova. Khim.v shkole 17 no.2 17-28 Mr-Ap '62.

Pratical home assignments and observations in chemistry in grade seven. I. I. Balaev. Khim.v shkole 17 no 2 50-54 Mr-Ap '62.

Quality of students' knowledge in chemistry A. A. Matveev and others. Khim.v shkole 17 no.2:91-94 Mi-Ap '62.

Students' summer research in chemistry. G. A. Zdanchuk. Khim.v shkole 17 no.2,78-82 Mr-Ap '62.

Using the practical experience of students in studying chemistry. N N. Koshkin. Khim.v shkole 17 no.2 37-40 Mr-Ap '62.

CHEMISTRY—TEXTBOOKS

What is expected of chemistry textbooks for the eighth grade of evening (staggered) schools. Khim.v shkole 17 no.2:95-96 Mr-Ap '62.

CHEMISTRY, ANALYTICAL
(see also subdivision under Groznyy)

Certain conclusions from V I Kuznetsov's hypothesis of analogies. A. M Egorov, Z. K. Odinets Zhur neorg. khim. 7 no 3 706-708 Mr '62

Ghosts in a retort A V Nikolaev Nauka i zhizn' 29 no. 1 53-57 Ja '62

CHEMISTRY, ANALYTICAL—QUANTITATIVE

Gasometric and gravimetric methods for determining oxygen in sodium and their use for analyzing the contents of oxide traps. F. A. Kozlov. Atom. energ. 12 no. 4,332-333 Ap '62.

CHEMISTRY, FORENSIC

Detection of anabasine in objects in forensic chemistry. Kh R. Rakhmatov Med. zhur. Uzb. no. 5:49-51 My '60.

CHEMISTRY, LEGAL see Chemistry, Forensic

CHEMISTRY, MEDICAL AND PHARMACEUTICAL

Distillation of solvents directly from battery extractors IU N. Slavianov, N. IA. Regak Med prom 15 no 6 44-47 Je '61.

CHEMISTRY, MEDICAL AND PHARMACEUTICAL—BIBLIOGRAPHY see Bibliography—Chemistry, Medical and pharmaceutical

CHEMISTRY, ORGANIC

News of science and technology. Zhur. VKHO 7 no. 1. 100-104 '62.

Putokhin, N. I. [Organic chemistry] Organicheskaia khimiia. Izd. 3. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 376 p.

CHEMISTRY, ORGANIC—LABORATORY MANUALS

Zonis, S. A., and S. M. Mazurov. [Laboratory and lecture experiments and demonstration materials in organic chemistry] Laboratorno-lektsionnye opyty i demonstratsionnye materialy po organicheskoi khimii. Izd. 2., ispr. i dop. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 720 p.

CHEMISTRY, ORGANIC—SYNTHESIS

Smirnov, N. I. [Theoretical principles of production processes of basic organic synthesis and the synthetic rubbers] Teoreticheskie osnovy proizvodstv osnovnogo organicheskogo sinteza i sinteticheskikh kauchukov; uchebnoe posobie. Leningrad, Severo-Zapadnyi zaochnyi politekhn. in-t.
Vol. 2. 1961. 94 p.

Universal experimental system for organic synthesis. S. IU. Sipovich. Koks i khim. no. 2:44-45 '62.

CHEMISTRY, PHYSICAL AND THEORETICAL

Shakhparonov, M. I. [Chemistry and philosophy] Khimiia i filosofiia. Moskva, Gos. izd-vo polit. lit-ry, 1962. 135 p. (Filosofiia i estestvoznanie)

Tunnel effect in the case of a double potential barrier. E. A. Pshenichnov Dokl AN SSSR 143 no 4 915-918 Ap '62.

CHEMISTRY, TECHNICAL—CONGRESSES

Third All-Union Conference on Problems of Industrial and Sanitary Chemistry M. S. Bykhovskaia. Gig. truda i prof. zab. 4 no. 11:61 N '60.

CHEMISTRY, TECHNICAL—RESEARCH see subdivision under Kazakhstan

CHEMOTHERAPY

Immediate results of combined chemotherapy with the use of cycloserine [with summary in English]. M. N. Dobrokhota and others. Klin. med. no. 3,130-136 '62

Osteogenic sarcomas induced by radioactive strontium-90 and the possibility of their utilization for experimental chemotherapy. S A. Papoian, S. G. Ambartsumian. Vop. radiobiol [AN Arm SSR] 1:137-139 '60

CHEREMOSH VALLEY—STONE IMPLEMENTS

Study of the Late Paleolithic Zamostʹye I site N F Petrichenko Trudy Kom chetv per no 26 153-157 '61

CHERENKOV RADIATION

Polarization selectivity of the Sb-Cs photocathode and some problems in the recording of Cherenkov-Vavilov radiation V P Zrelov Prib i tekh eksp 7 no 1 159-163 Ja-F '62

CHERKASSY PROVINCE—ATHEISM

We are grateful for your good lectures. O. Chervinskyi Voiov ateist no 11:22-25 N '61

CHERKASSY PROVINCE—HISTORY

Hrushkin, V. M. [The land which Taras praised in his poems] Zemlia, vospivana Tarasom. [Kyiv] Kyivs'ke oblasne knyzhkovo-gazetne vyd-vo, 1961. 126 p.

CHERNIGOV PROVINCE—COLLECTIVE FARMS

While the cherry trees sleep Nikolai Bykov Ogonek 40 no 14 4-7 Ap '62.

CHERNIGOV PROVINCE—COMMERCE

Simplify the structure of trading organizations V. Andriosov. Fin SSSR 23 no 3:85-86 Mi '62.

CHERNOZEM SOILS
(see also subdivision under Azerbaijan)

Effect of farm manure and organic-mineral mixtures on the yield and sugar content of sugar beets in leached Chernozems. V. D. Likholat. Agrobiologiia no. 1:115-120 Ja-F '62.

Fertility of the carbonate ("white eyelet") horizon in Chernozem soils of the northern part of the Sea of Azov region A. G. Kalmykov, D D Mishustin. Sbor nauch.-issl rab Azovo-Chor. sel'khoz. inst. 18 27-33 '60

CHERNYSHEV, FEODOSII NIKOLAEVICH, 1856-1914

Akademiia nauk SSSR. Biblioteka. [Feodosii Nikolaevich Chernyshev; bibliographic index and materials for his biography] Feodosii Nikolaevich Chernyshev, bibliograficheskii ukazatel' i materialy k biografii. Sost. V. A. Feider. Pod red. K. I. Shafranovskogo. Vstup. ocherk D. V. Nalivkina. Leningrad, 1961. 347 p.

CHERNYSHEVSKII, NIKOLAI GAVRILOVICH, 1828-1889

Chernyshevskii or Antonovich?, the problems of the revolutionary and democratic tradition in criticism. A. Lebedev. Novyi mir 38 no 3 239-254 Mi '62.

CHERRY—DISEASES AND PESTS see subdivision under Samarkand Province

CHESS
(see also subdivision under Lithuania)

Chess S G Strumilin. Nauka i zhizn' 29 no 1:100-101 Ja '62.

Koblents, A. N. [School of chess] Shkola shakhmatnoi igry. Riga, Latvijskoe gos. izd-vo, 1962. 341 p.

Machine plays chess IU. M. Bezborodov, V B Orlov Mat. pros. no 6 139-164 '61

CHESS—END GAMES

Academician Markov plays with Chigorin. . . . I. Maksimov Nauka i zhizn' 29 no 2 106 F '62

How to play with bosses? I. Birbrager Uzbekistan 21 no 1:26-27 Ja '62.

CHESS—OPENINGS

Panov, V. N. [Course on openings; practical manual for higher rank chess players with 75 selected games of grand masters and masters] Kurs debiutov; prakticheskoe rukovodstvo dlia shakhmatistov vysshikh razriadov s 75 izbrannymi partiiami grossmeisterov i masterov. 3., perer. i dop. izd. Moskva, Izd-vo "Fizkul'tura i sport," 1961. 383 p. (Biblioteka shakhmatista)

CHESS—TOURNAMENTS

At the finish of the Fifth Olympiad. Smena 39 no. 6-31 Mr '62.

Chess tournament. Uzbekistan 21 no. 2:28 F '62.

Third round of the chess Olympiad. Nauka i zhyttia 11 no. 2-62 F '62.

CHESS PROBLEMS

Gurvich, A. S. [Chess problems] Etiudy. Moskva, "Fizkul'tura i sport," 1961. 188 p.
(NN)

CHEST—SURGERY

Characteristics of respiration regulation after some surgical interventions on the chest (Electromyographic study) [with summary in English]. I. A. Panchenko. Biul. eksp. biol i med. 52 no 11:27-30 N '61.

Massage of the heart under clinical conditions [with summary in English]. A. N. Bukulev and others Grud. khir. 1 no. 4 8-14 Jl-Ag '59.

CHEST – SURGERY (Continued)

[Multivolume manual on surgery] Mnogotomnoe rukovodstvo po khirurgii. Moskva, Medgiz
Vol. 5. Kuprianov, P. A., ed. [Chest surgery, thoracic wall, pleura, and lungs] Khirurgiia grudi, grudnaia stenka, plevra i legkie, 1960. 727 p.
(DNLM)

Prospects for developing the technical equipment for chest surgery. M. G. Ananiev, A. M. Gesclevich. Grud. khir. 1 no. 4: 3-6 Jl-Ag '59.

Thoracoplasty with pneumolysis and fixation of the apex in tuberculosis [with summary in English]. IA. V. Kakitelashvili. Grud. khir. 2 no. 3: 52-55 My-Je '60.

Unsolved problems in chest surgery. IU. E. Berezov, V. A. Kovanev, E. V. Potemkina. Grud. khir. 2 no. 3: 115-125 My-Je '60.

CHEST—WOUNDS AND INJURIES

[Soviet medicine in the Great Patriotic War, 1941-1945] Opyt sovetskoi meditsiny v Velikoi Otechestvennoi Voine, 1941-1945 gg. Moskva, Medgiz.
Vol. 9. 1950. 530 p.

CHIATURA REGION—MANGANESE MINES AND MINING

Zurabishvili, I. I. [Underground working of the Chiatura manganese deposit] Opyt podzemnoi razrabotki Chiaturskogo mestorozhdeniia margantsa. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1961. 95 p.

CHICKEN POX

Case of combined herpes zoster and chicken pox. IU. IA. Ashmarin, M. V. Orlova. Klin. med. no. 3: 143-146 '62.

CHICKWEED see subdivision under Russia, Northern

CHILD STUDY

Comparative analysis of touch and vision. Report No. 9: Characteristics of eye movement in preschool children during fixation. V. P. Zinchenko, A. G. Razakaia, V. V. Tarakanov. Dokl. APN. 5 no. 6: 81-84 '61.

Experiment in applying simultaneous collision in connection with typological characteristics of the nervous system in children. L. I. Umanskii. Dokl. APN. 5 no. 4: 121-123 '61.

CHILDREN

Dimka's birthday. B. L. Leonidova. Doshk. vosp. 35 no. 4: 91 Ap '62.

Power of imagination. E. A. Kossakovskaia. Doshk. vosp. 35 no. 4: 92 Ap '62.

CHILDREN—CARE AND HYGIENE

Koshel', M. G. [How to raise a healthy child] Yak vyrostyty zdorovu dytynu. Kyiv, Derzh. medychne vyd-vo URSR, 1961. 34 p.

Protecting the little pedestrian. IU. Golov. Sov. kras. krest. 11 no. 4: 14-15 Jl-Ag '61.

Some immunological indices in children who sleep out of doors during the fall-winter season. O. I. Smirnova. Med. zhur. Uzb. no. 1: 81 Ja '62.

Yesterday, today, tomorrow. D. Orlova. Zdorovie. 8 no. 1: 28-29 Ja '62.

CHILDREN—CARE AND HYGIENE—BIBLIOGRAPHY see Bibliography—Children—Care and hygiene

CHILDREN—DISEASES

Eosinophil disease in children. V. V. Shitskova-Martynkina. Pediatriia no. 2: 78-83 '62.

Golosovker, S. IA. [Skin diseases in children] Kozhnye zabolevaniia detskogo vozrasta. [Leningrad] Medgiz, 1960. 44 p. (Nauchno-populiarnaia meditsinskaia literatura)
(DNLM)

Luk'ianova, O. M. [Prevention and treatment of acute catarrhs of the respiratory tract in children] Zapobihannia ta likuvannia hostrykh katariv dykhal'nykh shliakhiv u ditei. Kyiv, Derzh. vyd-vo URSR, 1961. 18 p.
(DNLM)

Mishchenko, O. S. [Prevention of helminthic diseases in children] Zapobihannia hilstianym zakhvoriuvanniam u ditei. Kyiv, Derzh. med. vyd-vo URSR, 1961. 14 p.
(DNLM)

Prevention of infectious diseases in children; materials for public discussion. N. A. Kosarikhina. Fel'd. i akush. 27 no. 2: 44-46 F '62.

Problems in the evolution of childhood infections [with summary in English]. S. D. Nosov. Pediatriia no. 2: 3-11 '62.

[Protect children from infectious diseases] Beregite detei ot zaraznykh zabolevanii. Moskva, Medgiz, 1961. 174 p. (Nauchno-populiarnaia meditsinskaia literatura)
(DNLM)

Salmonella infections caused by S. typhimurium in children [with summary in English]. L. M. Bochkova. Pediatriia no. 2: 22-27 '62.

Scientific conference on problems in lowering and eliminating children's infections. T. G. Filosofova, A. B. Shekhter. Zhur. mikrobiol., epid. i immun. 33 no. 1: 155-158 Ja '62.

Some features of the treatment of children for hemorrhagic diathesis. N. V. Potanin. Med. sestra. 21 no. 3: 28-31 Mr '62.

CHILDREN—DISEASES—DIAGNOSIS

Radiation dosage in diagnostic examinations of children [with summary in English]. G. N. Apanov. Med. rad. 5 no. 1: 46-50 Ja '60.

CHILDREN—EMPLOYMENT

Schedule and organization of work for pupils in grades 9-11 of secondary schools combining studies with labor in the metal-working industry [with summary in English]. L. V. Mikhailova, TS. L. Ushishcheva. Gig. i san. 26 no. 9: 29-35 S '61.

CHILDREN—GROWTH see subdivision under Transbaikalia

CHILDREN—HOSPITALS

Importance of a comparative analysis of polyclinic and clinical diagnoses in a consolidated pediatric hospital. V. P. Blagarina, T. N. Kozlova. Zdrav. Ros. Feder. 6 no. 2: 23-27 F '62.

CHILDREN—INSTITUTIONAL CARE

History of the establishment of health-promoting institutions in prerevolutionary Russia. A. R. Razikov. Med. zhur. Uzb. no. 1: 50-53 Ja '62.

Prevention of air pollution in children's institutions. G. K. Blagoveshchenskii. Med. sestra. 21 no. 3: 50-54 Mr '62.

CHILDREN—LANGUAGE

More on the high standard of speech. A. Vagner. Doshk. vosp. 35 no. 3: 75 Mr '62.

CHILDREN—MANAGEMENT

And they could miss it. T. Maksimenko. Doshk. vosp. 35 no. 3: 88-90 Mr '62.

Bondarevskaia, T. N. [Pedagogical tact] Pedagogicheskii takt. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 76 p.

Let's protect children's nervous system. K. G. Tokmakova. Doshk. vosp. 35 no. 3: 93-95 Mr '62.

Markova, T. A. [Let's train little children to do housework] Priuchaite malen'kikh detei k domashnemu trudu. Moskva, Izd-vo Akad. pedagog. nauk, 1961. 53 p. (Knigi dlia roditelei)

Volikova, T. V. [Daily routine in student's life] Rezhim dnia v zhizni shkol'nika. Pod red. I. F. Svadkovskogo. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1961. 91 p. (Knigi dlia roditelei)

Why is he like that? G. M. Liamina. Doshk. vosp. 35 no. 4: 114-115 Ap '62.

CHILDREN—NUTRITION

Rational nutrition for children. T. V. Nevskaia. Doshk. vosp. 35 no. 3: 97-99 Mr '62.

CHILDREN—SLEEP

Causes of sleep disturbance in children in an orphanage. T. P. Morozova. Med. sestra. 21 no. 3: 48-50 Mr '62.

CHILDREN'S CLUBS
(see also subdivision under Borisov)

How to decorate a club for the Pioneers' festival. L. Okun'. Kul't.-pros. rab. 23 no. 3: 47-48 Mr '62.

CHILDREN'S CLUBS—EQUIPMENT AND SUPPLIES

Every club should have school game equipment. E. Minskii. Kul't.-pros. rab. 23 no. 3: 58-59 Mr '62.

CHILDREN'S LITERATURE

Children's literature. Evgeniia Mar. V mire knig. 2 no. 3: 33 Mr '62.

"Home reading for children" by L. A. Lukachevskaia. Reviewed by N. G. Dmitriev. Doshk. vosp. 35 no. 3: 87-88 Mr '62.

Price of a "free supplement." M. Petrovskii. Doshk. vosp. 35 no. 3: 101-106 Mr '62.

Traveling with a book in your hand. M. Il'in. V mire knig. 2 no. 2: 39 F '62.

CHILDREN'S LITERATURE—BIBLIOGRAPHY see Bibliography—Children's literature

CHILDREN'S PLAYS
(see also subdivision under Moscow)

May Day Festival. L. Mikhailova. Doshk. vosp. 35 no. 3: 115-128 Mr '62.

CHILE—POLITICS AND GOVERNMENT

For the establishment of the people's state. Luis Corvalán. Kommunist. 39 no. 6: 93-102 Ap '62.

CHILOPODA

Evolution of the leg of Trachenta. Report No. 2: Evolution of the skeleton of a segment in Chilopoda. E. G. Bekker. Ent. oboz. 40 no. 3: 490-500 '61.

CHIMNEYS

Designing tower-type structures over mines. R. A. Muller. Prom. stroi. 40 no. 3: 39-41 '62.

Dismantling brick chimneys by toppling. B. Dripachenko. Prom. stroi. i inzh. soor. 3 no. 2: 60 Mr-Ap '61.

CHINA—AGRICULTURE

"A collection of articles on the history of agriculture." Reviewed by V. I. Kudrin. Sovr. kit. lit. po obshchestv. naukam no. 45: 199-221 '61.

Sand and stone gorge. Chu Hsing. Yokung. ovcha no. 1: 36-37 Mr '62.

CHINA—CAPITALISM

"A discussion on the origin of capitalism in China, collected articles." Reviewed by S. I. Zaretskaia. Sovr. kit. lit. po obshchestv. naukam no. 45: 110-121 '61.

CHINA—CIVIL SERVICE—EXAMINATIONS

"The reform and abolition of the traditional Chinese examination system" [in English] by W. Franke. Reviewed by A. A. Monina. Nar. Azii i Afr. no. 3: 205-206 '61.

CHINA—COMMERCE

"Achievements in the development of commerce for a ten-year period." Reviewed by R. N. Sikacheva. Sovr. kit. lit. po obshchestv. naukam no. 45: 1-10 '61.

CHINA—COMMUNIST PARTY

"The revolutionary struggle of the Tuchia people under the leadership of the Communist Party of China" by P'eng Li. Abstract from "Mintsu yanchiu" no. 2 '60 by A. I. Zakharova. Sovr. kit. lit. po obshchestv. naukam no. 45: 30-35 '61.

"The struggle against the Japanese occupants in the Panshih District of Kirin Province during the years 1931-1935, a review of studies." Reviewed by V. I. Kudrin. Sovr. kit. lit. po obshchestv. naukam no. 45: 47-52 '61.

CHINA—COMMUNIST PARTY—CONGRESSES

Chung-Kuo Kung Ch'an Tang. [Proposals of the Eight All-Chinese Congress of the Communist Party of China concerning the second five-year plan for the development of the national economy in 1958-1962, a report of Comrade Chou En-lai] Predlozheniia VIII Vsekitaiskogo s"ezda Kommunisticheskoi partii Kitaia po vtoromu piatiletnemu planu razvitiia narodnogo khoziaistva, 1958-1962 gg. O predlozhenilakh po vtoromu piatiletnemu planu razvitiia narodnogo khoziaistva; doklad tovarishcha Chzhou En'-laia. (Prilozhenie k zhurnalu "Narodnyi Kitai," no. 20 za 1956 god) [n. p., n. d.] 63 p.

CHINA—CULTURE

"Problems concerning studies and criticism of the cultural heritage" by Wu Chiang. Abstract from "Hung ch'i" no. 6 '61 by V. A. Rubin. Sovr. kit. lit. po obshchestv. naukam no. 45: 72-75 '61.

CHINA—ECONOMIC POLICY

Chung-Kuo Kung Ch'an Tang. [Proposals of the Eight All-Chinese Congress of the Communist Party of China concerning the second five-year plan for the development of the national economy in 1958-1962; a report of Comrade Chou En-lai] Predlozheniia VIII Vsekitaiskogo s"ezda Kommunisticheskoi partii Kitaia po vtoromu piatiletnemu planu razvitiia narodnogo khoziaistva, 1958-1962 gg. O predlozhenilakh po vtoromu piatiletnemu planu razvitiia narodnogo khoziaistva; doklad tovarishcha Chzhou En'-laia. (Prilozhenie k zhurnalu "Narodnyi Kitai," no. 20 za 1956 god) [n. p., n. d.] 63 p.

CHINA—ETHNOLOGY

A review of articles from the journal "Minsu yen chiu" published during 1960. A. I. Zaretskaia. Sovr. kit. lit. po obshchestv. naukam no. 45: 124-133 '61.

CHINA—FEUDALISM

"The transition from the slave system in the Shang-yin epoch to the feudalism of western Chou" by Ju Yu-k'a and others. Abstract from "Lishih yenchiu" no. 2 '61 by V. A. Rubin. Sovr. kit. lit. po obshchestv. naukam no. 45: 146-152 '61.

CHINA—FOREIGN ECONOMIC RELATIONS—RUSSIA

Fraternal alliance. Sov. Soiuz no. 3: 4 '62.

CHINA—FOREIGN INTERVENTION, 1857-1861

English society and the Second Opium War. N. F. Kim-menko. Vop. ist. no. 4: 210-216 Ap '62.

CHINA—GERANIUMS

Aromatic geranium in China. P. A. Buzinov. Lubit. i kul't. no. 4: 102-103 '61.

CHINA—HISTORY

Character of the driving forces of the war in China, 209-202 B. C. [with summary in English, p. 236]. I. I. Perelomov. Nar. Azii i Afr. no. 1: 70-80 '62.

"Discussion of some problems at a conference of the Kwangtung Historical Society in 1960." Abstract from "Lishih yenchiu" no. 1 '61 by I. I. Tutov. Sovr. kit. lit. po obshchestv. naukam no. 45: 103-109 '61.

"Distribution of land in the revolutionary centers during the Second Civil Revolutionary War" by Wei Chin-Abstract from "Lishih Chiaohsüeh" no. 4 '60 by V. I. Kudrin. Sovr. kit. lit. po obshchestv. naukam no. 45: 47-47 '61.

Enol'skyi, Z. A. [History of foreign oriental countries, China and Japan, 1870-1918] Istoriia krain zarubizhnoho Skhodu, Kytai i IAponii (1870-1918); posibnyk dlia istorychnykh fakul'tetiv derzhavnykh universytetiv. Kyiv, Vyd-vo Kyivs'koho universytetu, 1961. 137 p.

CHINA – HISTORY (Continued)

Perelomov, L.S. [The Ch'in Empire, the first centralized government in China, 221 - 202 B.C.] Imperiia TSin' - pervoe tsentralizovannoe gosudarstvo v Kitae; 221 - 202 gg. do n.e. Moskva, Izd-vo vostochnoi lit-ry, 1962. 242 p.

"Scholarly and philosophical views of Liu-chi" by Hou Wai-lu. Abstract from "Lishih yenchiu" no 2 '61 by A. Rubin. Sovr. kit. lit. po obshchestv. naukam no 45: 139-145 '61.

CHINA—HISTORY—SOURCES

Information (vedomosti) on China. P. I. Skachkov. Strany i nar. Vost. no. 2 205-219 '61.

CHINA—IRRIGATION FARMING

"For effective utilization of irrigation systems" by Yu Wei-nung. Abstract from "Hungch'i" no 24 '60 by A. I. Zakharova. Sovr. kit. lit. po obshchestv. naukam no 45:26-29 '61.

CHINA—JOURNALISM

Shestopak, M. M. [Voice of a great people] Golos velikoho narodu. [Kyiv] Vyd-vo Kyivs'koho univ., 1960. 150 p. (NNC)

CHINA—LABOR AND LABORING CLASSES

"Did the wage labor in the middle of the Ming period bear a capitalist character?" by Lo Yao-chiu. Abstract from "Lishih yenchiu" no 1 '61 by V. I. Kudrin. Sovr. kit. lit. po obshchestv. naukam no 45.134-139 '61.

CHINA—LAND TENURE

"Distribution of land in the revolutionary centers during the Second Civil Revolutionary War" by Wei Chin. Abstract from "Lishih Chinchsueh" no 4 '60 by V. I. Kudrin. Sovr. kit. lit. po obshchestv. naukam no 45:42-47 '61.

"Limited property rights in feudal China" [in Chinese] by Yang Hsiang-k'uei. Reviewed by L. S. Perelomov. Vop. ist. no. 4.189-190 Ap '62.

CHINA—LIBRARY SCIENCE

"Studies of the history of library science" by Hsieh Chi-hua. Abstract from "Wuhang tahsueh jenwen k'oh-siieh haiehpao" no 7 '59 by I. I. Tutov. Sovr. kit. lit. po obshchestv. naukam no 45:76-79 '61.

CHINA—MEDICINE

Chinese medical works in the collection of the Leningrad Branch of the Institute of the Peoples of Asia of the Academy of Sciences of the U.S.S.R. Z. I. Gorbacheva. Strany i nar. Vost. no. 2 243-250 '61.

CHINA—NATIVE RACES

"The revolutionary struggle of the Tuchia people under the leadership of the Communist Party of China" by P'eng Li. Abstract from "Minsu yenchiu" no 2 '60 by A. I. Zakharova. Sovr. kit. lit. po obshchestv. naukam no. 45:30-35 '61.

CHINA—PEASANT UPRISINGS

"The Chinch'ienhui Society, a collection of materials" compiled by Nieh Ch'ung-ch'i. Reviewed by S. I. Zaretskaia. Sovr. kit. lit. po obshchestv. naukam no. 45: 97-102 '61.

CHINA—POPULATION

Some features of the geography of population in the Chinese People's Republic. S. N. Rakovskii. Uch. zap. MGPI 121:3-20 '59.

CHINA—POTATOES—STORAGE

[Storage of vegetables and potatoes in China, popular storing methods] Khranenie ovoshchei i kartofelia v Kitae; narodnye metody khraneniia. Moskva, Gos. izd-vo torg. lit-ry, 1962. 166 p. (DA)

CHINA—RELATIONS (GENERAL) WITH RUSSIA

First Chinese comments on the Great October Socialist Revolution. Iu. M. Garushiants. Ist. SSSR 6 no. 1:190-199 Ja-F '62.

Tutaev, M. Z. [Early history of Russo-Chinese revolutionary contacts] U istokov russko-kitaiskikh revoliutsionnykh sviazei. Kazan', Tatarskoe knizhnoe izd-vo, 1961. 177 p.

CHINA—RIVERS—REGULATION

River regulation in China. B. A. Pyshkin. Visti Inst. gidrol i gidr. AN URSR 18 55-59 '61.

CHINA—SIGNS AND SYMBOLS

The meaning of the sign "di" on divinatory dies. A. A. Serkina. Vets. drev. ist. no. 1:66-73 '62.

CHINA—SLAVERY

"The transition from the slave system in the Shan-yin epoch to the feudalism of western Chou" by Li Yang and others. Abstract from "Lishih yenchiu" no 3 '61 by V. A. Rubin. Sovr. kit. lit. po obshchestv. naukam no. 45:146-152 '61.

CHINA—SOCIAL CONDITIONS

Lorenz Lange's journey to Peking in 1715-1716 and his diary. T. K. Shafranovskaia. Strany i nar. Vost. no. 2: 188-205 '61.

CHINA—TEXTILE INDUSTRY

"Textile industry in China for a ten-year period." Reviewed by A. I. Zukharova. Sovr. kit. lit. po obshchestv. naukam no. 45.11-25 '61.

CHINA—UIGURS

The ethnic and tribal structure of the Yuighu people [with summary in English] L. R. Tenishev. Sov. etn. no. 1 50-66 Ja-F '62.

CHINA—VEGETABLES—STORAGE

[Storage of vegetables and potatoes in China, popular storing methods] Khranenie ovoshchei i kartofelia v Kitae, narodnye metody khraneniia. Moskva, Gos. izd-vo torg. lit-ry, 1962. 166 p. (DA)

CHINA—VILLAGE COMMUNITIES

"Village community as an ideal of the T'ai Ping empire" by Chao Shih-yueh, Shih Chuan-i. Abstract from "Hsueh-shu yueh-k'an" no. 11 '59 by I. I. Tutov. Sovr. kit. lit. po obshchestv. naukam no 45:92-96 '61.

CHINESE see subdivision under Thailand

CHINESE FOLKLORE see Folklore, Chinese

CHINESE LANGUAGE—DIALECTS

"Dialects of the Chinese language" by Yuan Tsa-yen and others. Reviewed by T. N. Kholmovskaia. Sovr. kit. lit. po obshchestv. naukam no 45.173-184 '61.

CHINESE LANGUAGE—DICTIONARIES—RUSSIAN

Zorin, I. N., comp. [Russian-Chinese dictionary of general economics and foreign trade] Russko-kitaiskii obshcheekonomicheskii i vneshnetorgovyi slovar'. Pod red. L. Linshailo. Moskva, Vneshtorgizdat, 1961. 708 p.

CHINESE LANGUAGE—INTONATION

Tone and intonation in modern Chinese. Iu. M. Galenovich. Nat. Azii i Afr. no 1:132-146 '62.

CHINESE LITERATURE—HISTORY AND CRITICISM

"Hsiao Tung's literary criticism" by Li Chia-yen. Abstract from "Wenhsueh p'inglun" no. 2 '61 by T. N. Kholmovskaia. Sovr. kit. lit. po obshchestv. naukam no. 45: 171-172 '61.

CHINGIZ-TAU—GEOLOGY, STRATIGRAPHIC

Devonian sediments of the northern Balkhash region and ore-Chingiz-Tau. V. IA. Koshkin. Mat. po geol. i pol. iskop. Kazakh. no. 1:5-37 '61.

CHINGIZ-TAU—STONE AGE

Recent materials on the Stone Age in the northern part of the Lake Balkhash region and the Chingiz Range. A. G. Medoev. Vest. AN Kazakh. SSR 18 no. 3.86-88 Mr '62.

CHIRCHIK VALLEY—HYDROLOGY

Roughness coefficients of rivers in the Chirchik Basin. O. P. Shcheglova, A. A. Chirkova. Trud. Sred.-Az. nauch.-issl. gidrometeor. inst. no 7 92-102 '61.

CHIRONOMIDAE see subdivision under Baikal, Lake, Varvara Reservoir

CHIROPODY

Hygiene of the feet. P. P. Laktionov. Med. sestra 21 no 1:54-56 Ja '62.

CHIROTHERAPY see Massage

CHISTYAKOVO—MINE INSPECTION

Training of voluntary inspectors. N. F. Sitkov. Bezop. truda v prom. 6 no 3:27-28 Mr '62.

CHITA PROVINCE—FORESTS AND FORESTRY

Natural forest regeneration in Chita Province. Z. G. Grusheva. Les. khoz. 15 no 3 17-22 Mr '62.

CHKALOV see Orenburg

CHKALOV PROVINCE see Orenburg Province

CHLORIDES

Fusibility curve of the ternary system consisting of cadmium, sodium, and lead chlorides. I. I. Iliasov, A. G. Bergman. Zhur. neorg. khim. 7 no 2 356-359 F '62.

CHLORIDES IN THE BODY

Determination of styrol and its chlorine derivatives in the blood. V. A. Filov, V. IA. Rusin. Gig. truda i prof. zab. 4 no 12 47-50 D '60.

CHLORINATION

Halogenation of aromatic silanes. Part 9: Photochemical Chlorination of phenylmethyldichlorosilane. G. V. Motsarev, V. R. Rozenberg. Zhur. ob. khim. 32 no 3: 909-915 Mr '62.

Molybdenum-tungsten catalysts in the reaction of chlorination of paraffin hydrocarbons. S. D. Mekhtiev, A. D. Kalaushin. Azerb. neft. khoz. 40 no 10,37-39 O '61.

CHLORINE

Concentration gradient of chlorine and sulfur (S^{35}) in plants during different developmental phases. I. E. Rogalev. Dokl. AN SSSR 143 no. 2:467-470 Mr '62.

Migration of chlorine atom in chloronaphthoic and chloronaphthalenesulfonic acids. V. A. Koptyug, A. M. Kamagorov. Zhur. VKHO 7 no 1.111 '62.

Simultaneous electrolytic separation of chlorine and oxygen from neutral and alkaline solutions of potassium chloride. V. M. Blavatnik, G. A. TSyganov. Uzb. khim. zhur. 6 no 1 39-44 '62.

CHLORINE AND DERIVATIVES AS DISINFECTANTS

Chlorination of eggs of the roundworm (Ascaris lumbricoides) with the consideration on the turning point. F. S. Kogan. Uch. zap. GGPI no 2 / 170-176 '60.

CHLOROMYCETIN

Extraction of bromine from waste products of synthomycin production. G. S. Klebanov, F. B. Naidis, N. V. Pukhomova. Med. prom. 15 no 1 28-31 Ja '62.

Shapiro, S. E., and A. K. Plotnikova. [Antibiotic therapy with levomycetin and synthomycin in typhoid and paratyphoid fever.] Antibiotikoterapiia levomitsetinom i sintomitsinom brishnogo tifa i paratifov. Pod red. K. V. Bunina. Moskva, Medgiz, 1962. 193 p. (DNLM)

Study of the effect of chloramphenicol on bacteriophage [with summary in English]. S. V. Zakharenko and others. Antibiotiki 7 no 4 309-311 Ap '62.

CHLOROPHYLL

Ability of an artificial lipoprotein complex of chlorophyll to sensitize oxidation-reduction reactions. V. B. Evstigneev, V. A. Gavrilova. Biofizika 6 no 5 563-571 '61.

The determining role of complete synthesis and breakdown of the molecule in the renewal of chlorophyll. A. A. Shlyk, V. I. Goponenko, T. V. Kukhtenko. Dokl. AN BSSR 6 no 3 189-192 Mr '62.

Effect of age and growing conditions on the dynamics of the accumulation of chlorophyll in pine and spruce needles. G. I. Margalik. Les. khoz. 15 no 1 24-25 Ja '62.

Metabolic heterogeneity of chlorophyll in plants. A. A. Shlyk, G. N. Nikolaeva. Dokl. AN SSSR 143 no. 2 460-463 Mr '62.

Method for extracting chlorophyll from plants [with summary in English]. V. M. Kutiurin, M. V. Ulubekova, L. IU. Artamkina. Fiziol. rast. 9 no 1 115-120 '62.

Structural formulas of protochlorophyll of Rhodopseudomonas spheroides and some varieties of pumpkin. T. N. Godnev, N. K. Akulovich, A. L. Arnautova. Biul. Inst. biol. AN BSSR no 6:105-110 '61.

CHLOROPRENE—TOXICOLOGY

Experimental materials on establishing the maximum permissible concentration of chloroprene in the air. A. V. Miatlikhanian. Trud. dop. kontsent. atmosf. zagr. no 5 110-117 '61.

CHLORPROMAZINE

Characteristics of the effect of aminazine on respiration and blood pressure in puppies of various ages [with summary in English]. N. V. Lauer, V. V. Pashchenko. Fiziol. zhur. [Ukr.] 7 no. 6:762-768 N-D '61.

Comparative results in treating early pregnancy toxemias with bromine, caffeine and aminazine. K. A. Karysheva, F. N. Plushchev. Sov. med. 25 no 2 132-135 F '62.

Compound treatment of infectious chorea with salicylic preparations and aminazine [with summary in French] R. IU. Kalinovskaia. Zhur. nevr. i psikh. 61 no 6:1143-1145 '61.

Data on the effect of aminazine on some aspects of the metabolism of ascorbic acid and adrenaline in an imals capable and incapable of synthesizing vitamin C [with summary in English]. E. I. Lipovetskaia. Vop. pit. 21 no 2:81-84 Mr-Ap '62.

Effect of aminazine on the conditioned reflex activity of dogs with different types of nervous systems [with summary in English]. M. S. Krasnovs'ka. Fiziol. zhur. [Ukr.] 7 no. 6 755-761 N-D '61.

Effect of aminazine on the contractile activity of the uterus. F. M. Sabirov. Kaz. med. zhur. no 5:55-56 S-O '61.

Mechanism of aminazine action on conditioned motor food reflexes in fishes, pigeons and rabbits [with summary in English]. V. I. Ivanov. Zhur. vys. nerv. deiat. 11 no 6 1120-1126 N-D '61.

Treating experimental neuroses with aminazine [with summary in English]. N. M. Lytvynova. Fiziol. zhur. [Ukr.] 7 no. 6:768-774 N-D '61.

CHOCOLATE-TREE see Cacao

CHOLAGOGES

Cholelithin in the treatment of cholelithiasis [with summary in English] A. P. Parashchak, I. P. Bober. Vrach. delo no 2 40-43 F '62.

Conservative treatment of cholelithiasis in a polyclinic including the use of cholelithin [with summary in English]. O. L. Akimova. Vrach. delo no 2:43-46 F '62.

CHOLERA, ASIATIC

Chemotherapy of experimental cholera [with summary in English]. L. E. Khundanov and others. Antibiotiki 7 no. 4:331-334 Ap '62.

CHOLESTEROL

Blood cholesterol level and the incidence of myocardial infarction in certain cities of the U S S R [with summary in English] G A Glezer, L A Miasnikov Kardiologiia 1 no 3 30-35 My-Je '61

Effect of certain external factors on blood lipids [with summary in English] G. A Glezer, L A Miasnikov Kardiologiia 1 no 3 35-38 My-Je '61

Effect of some plant oils on the level of cholesterol and lecithin in the blood in arteriosclerosis [with summary in English] A M Pleshkov Klin med no 3 126-130 '62

Interactions between free and bound cholesterol in nutrition with quantitatively different fats [with summary in English] Z I Dolidze Vop pit 21 no 2 16-20 Mr-Ap '62

CHOLESTEROL ESTERS

p-Di(2-chlorethyl) aminophenylalanine (sarcolysine) and its derivatives Part 8 Cholesterol esters of ethylsarcolysine and p-di(2-chlorethyl)aminophenylacetic acid F N. Shkodinskaia and others. Zhur. ob. khim 32 no 3 959-961 Mr '62

CHOLESTEROL METABOLISM

Cholesterol metabolism, acetylation and thiamine [with summary in English] IU M Ostrovskii Biul eksp biol i med 52 no 7,62-64 Jl '61

Effect of oxygen on the development of experimental atherosclerosis in rabbits [with summary in English]. V A Lisovskii, M.K. Mikushkin. Pat. fiziol. i eksp. terap. 6 no. 1:330-36 Ja-F '62.

CHOLINE

Cholinergic properties of chlortetracycline [with summary in English]. A. V Loginov, N.R Miuller. Antibiotiki 7 no. 3 83-88 Mr '62.

Does ditilin have tachyphylactic properties? [with summary in English] V.A Kovanev Grud khir 1 no 4 87-90 Jl-Ag '59

Effect of narcotics on the reactivity of the skeletal muscle to acetylcholine and potassium ions [with summary in English] E. V Moreva Biul eksp biol i med 52 no. 11:65-69 N '61

CHOLINESTERASE

Changes in the cholinesterase activity of the blood serum of petroleum refinery workers [with summary in English] S. N Sinitsyn. Gig. truda i prof zab. 5 no. 6 22-26 Je '61

Chemical structure and biological activity of phosphorus organic cholinesterase inhibitors [with summary in English]. R I. Volkova and others Vop med khim 7 no 3 250-259 My-Je '61

Cholinesterase activity in rheumatic heart disease [with summary in English] V F. Voitik. Terap arkh. 34 no 3:54-60 '62.

Duration of the anticholinesterase activity of some phosphorus organic compounds [with summary in English]. L. V. Donskaia, R. A. Khaunina. Biul eksp. biol i med. 52 no. 11:69-72 N '61.

CHONDROITINSULFURIC ACID

Isolation of chondroitinsulfate from hyaline cartilage [with summary in English]. S. M. Bychkov. Vop. med. khim. 7 no. 4 396-401 Jl-Ag '61.

CHONDROITINSULFURIC ACID—THERAPEUTIC USE

Effect of chondroitin sulphate on the healing of wounds. [with summary in English]. B. S. Kasavina and others. Eksp khir. i anest. 6 no 5 10-13 S-O '61.

CHORAL CONDUCTING see Conducting, Choral

CHORAL MUSIC—HISTORY AND CRITICISM

Remarks on choral art. L. Ermakova, K. Plitsa. Sov. muz 26 no. 3 40-45 Mr '62

CHORAL SINGING see subdivision under Estonia

CHORAL SINGING—INSTRUCTION AND STUDY

Training of a chorus. V. A. Glagolev. Nauch. -metod. zap. Ural gos. kons. no 4 61-75 '61

Working with an amateur choral group. T. V. Bazhenova. Nauch. -metod zap. Ural. gos. kons. no. 4:33-59 '61.

CHOREA

Compound treatment of infectious chorea with salicylic preparations and aminazine [with summary in French]. R IU. Kalinovskaia. Zhur. nevr. i psikh 61 no. 8 1143-1145 '61

Compound treatment of rheumatic chorea [with summary in French] E. I. Minakova. Zhur nevr. i psikh. 61 no 8:1138-1142 '61.

Kudriavtsev, M. A. [Chorea] Khoreia. Izd. 2., perer. Moskva, Medgiz, 1961. 23 p. (Sovety roditeliam) (DNLM)

CHOROID—BLOOD SUPPLY

Pathology of the anterior choroidal artery in tumors of the brain. A. N. Lebedev Vop. neirokhir no. 2 16-24 '62

CHRISTIAN ETHICS

Mitrokhin, L. N. [Christian "science of life."] Khristianskaia "nauka zhizni." Moskva, Gos. izd-vo polit. lit-ry, 1961. 127 p. (Nauchno-populiarnaia bibliotechka po ateizmu)

CHRISTIANITY—CONTROVERSIAL LITERATURE

The origin and class nature of Christianity. V. Antonenko Voiov ateist no 11:40-53 N '61

CHROMATOGRAPHIC ANALYSIS

Chromatographic analysis of acetylenic hydrocarbons L. M Kontorovich and others Zav lab 28 no 2 116-118 '62.

Chromatographic analysis of microimpurities of acetylene and diene compounds in complex hydrocarbon mixtures M S Vigdergauz and others Zav lab 28 no 2 149-150 '62.

Chromatographic determination of acrolein dimer in a reaction mixture M L. Vladavets and others Zav. lab 28 no 2 145-146 '62.

Chromatographic method for determining microconcentrations of carbon dioxide in oxygen L V Vagin, S S Petukhov, V. I. Zhelezniak Zav lab 28 no 2:140-141 '62

Chromatographic method of determining impurities in readily hydrolyzable and reactive substances N. M Turkel'taub, S A Anshtein, S. V Siavtsillo Zav Lab 28 no. 2 141-144 '62.

Chromatographic methods and automatic control. Zav. lab. 28 no. 2 131-132 '62.

Chromatographic methods employed at the Ufa synthetic alcohol plant A IA Kantor. Zav lab. 28 no 2 250 '62

Chromatography of monosaccharide derivatives in a thin layer of aluminum oxide N K Kochetkov, B. A Dmitriev, A. I Usov Dokl. AN SSSR 143 no 4 863-866 Ap '62

Determination of small amounts of carbon monoxide in gases using the chemo-chromatographic method G N. Dantsig, D B. Orochkin Zav. lab 28 no 2 136-139 '62

Determination of the composition and stability of titanyl sulfate complexes by ion exchange chromatography. B. I Nabivanets Zhur neorg khim 7 no 3 690-693 Mr '62.

Determination of the concentration of inorganic ions from the zone length or volume in precipitation chromatograms. K. M. Ol'shanova, V. D. Kopylova, N. M. Morozova. Izv. vys. ucheb. zav., khim. i khim tekh. 4 no. 6: 923-927 '61

Quantitative analysis by precipitation chromatography R. N. Golovatyi, V V Oshchapovskii, Z. S Grin'kiv Ukr khim zhur 28 no. 2, 215-251 '62.

Separation of a production mixture of dimethylresorcinols N F. Sharonova, V. V. Shamanova Trudy VNIIT no 10 196-202 '61.

Use of the reaction isotherm in elution chromatography. G L Starobinets, M P Sednev. Dokl AN BSSR 6 no. 3 172-176 Mr '62

"Vacancy-chromatography" A. A. Zhukhovitskii, N. M. Turkel'taub. Dokl. AN SSSR 113 no. 3:646-648 Mr '62.

CHROMATOPHORES

Amino acid composition of proteins in different plastid types A. S Vechet, A A Mas'ko. Dokl AN BSSR 6 no 3 193-195 Mr '62.

Concerning the structure of the lamellae of chloroplasts T. N. Godnev, T. V. Khodasevich Biul. Inst. biol AN BSSR no. 8:111-114 '61.

Morphogenesis of the ultrastructure of chloroplasts and the development of optic properties of the corn leaf [with summary in English]. S. V. Tageeva, I. P. Pavlova, A. B. Brandt. Izv. AN SSSR. Ser. biol. 27 no. 1:13-26 Ja-F '62.

Sensitivity of skin chromatophores to ionizing radiations [with summary in English]. R. I. Pogosian. Biul. eksp. biol i med. 53 no 2:82-84 F '62.

CHROMIUM

Chromium behavior in the treatment of oxidized nickel ores A. V. Vanlukov Sbor. nauch trud. GINTSVETMET no 33 51-66 '60.

Electron paramagnetic resonance studies of the thermal activation of chromium gel. IU. I. Pecherskaia, V. B. Kazanskii, V. V Voevodskii Kin. i kat. 3 no. 1:111-113 '62.

CHROMIUM—METALLOGRAPHY

Formation of textured nitride layers on chromium obtained by condensation in vacuum from the vapor phase. B M. Vasiutinskii and others. Fiz. met. i metalloved. 13 no. 2:310-311 '62.

CHROMIUM—THERMAL PROPERTIES

Thermodynamic activity of chromium in nickel-chromium-aluminum alloys E. Z. Vintaikin. Fiz met. i metalloved. 13 no. 1 157-158 Ja '62

CHROMIUM BORIDE

Thermodynamics of making titanium and chromium diborides by the boron carbide method. A. N. Krestovnikov, M. S. Vendrikh. Sbor. nauch. trud. GINTSVETMET no. 33:3-7 '60.

CHROMIUM CARBIDE

Differentiation analysis of chromium carbide in niobium steels. N. M. Popova, A. F. Platonova. Zav. lab. 28 no 2 164-165 '62

Spin-lattice relaxation and cross-relaxation interactions in chromium corundum. A. A. Manenkov, A. M. Prokhorov. Zhur. eksp. i teor. fiz. 42 no. 1:75-83 Ja '62.

CHROMIUM COMPOUNDS

Colorimetric study of modification transformations in chromium sulfate electrolytes. D. P. Zvetinova, L. A. Zaiats, L. K. Rudaia. Ukr. khim. zhur. 28 no. 2 155-156 '62

Present state and prospects for the production of chromium compounds A M Polnik Zhur VKHO im D I Mendeleeva 6 no 1 56-66 '62.

Use of ion-exchange materials for the removal of transient chromium compounds from waste waters A. A Shubin, V M. Tkach, V M. Novikovskii Zhur VKHO im D I Mendeleeva no 1 113-114 '62

CHROMIUM COMPOUNDS—THERMAL PROPERTIES

Solubility diagram of the system $K_2Cr_2O_7$ - $(NH_4)_2Cr_2O_7$ - H_2O at 25° Shkol'nikov, A. M. Volkov. Izv. vys. ucheb. zav., tsvet. met 5 no. 2 63-66 '62.

CHROMIUM-MANGANESE STEEL—TESTING

Chromium-manganese-nickel-nitrogen stainless steels with titanium, niobium and molybdenum A. P Gulia, IU S. Medvedev Metalloved i term. obrabotka metallov 21-28 F '62

CHROMIUM-NICKEL-ALUMINUM ALLOYS see Nickel chromium-aluminum alloys

CHROMIUM-NICKEL STEEL—FATIGUE

Investigating the initial stage of thermal fatigue by the method of microhardness measurements IU. I. Pogodin, V A Bratukhina Fiz met i metalloved 13 no. 1 122-125 Ja '62

CHROMIUM-NICKEL STEEL—METALLOGRAPHY

Effect of treating liquid chromium-nickel steel [illegible] on the characteristics of its crystallization IA I Gol'dshtein and others Stal' 22 no 3 256 Mr '62

CHROMIUM PLATING

Colorimetric study of modification transformations in chromium sulfate electrolytes. D. P Zvetinova, L. A Zaiata, L. K. Rudaia. Ukr. khim. zhur. 28 no. 2 155-156 '62

CHROMIUM-TUNGSTEN-MOLYBDENUM ALLOYS

Polythermal volume of decomposition of a ternary metal solution in the system chromium - tungsten - molybdenum N V Glinn-Grzhimailo, D. I Prokov'ev Zhur. fiz. khim. 7 no. 3 596-604 Mr '62

CHROMOSOME NUMBERS

A new multichromosomal form of Stellaria media (L.) Cyr. (Herb.) Roem. G E. Kaplinov, F. V. Kapranov Dokl. AN Azerb SSR 17 no. 9:811-817 '61

CHROMOSOMES

Characteristics of the formation of chromosome aberrations in irradiation of seeds in the state of organic [with summary in English]. N. I. Nuzhdin, R. S. Il'ina, T. P. Ageeva Zhur. ob biol. 23 no 1,19-23 Ja-F '62.

Investigating functional changes in specific [illegible] chromosomes from the salivary glands of Diptera melanogaster N. B Khristolubova, N. Z. Zeleneva, R. M. Volkova Izv Sib otd. AN SSSR no. 13 [illegible] '61

CHRONOGRAPH

Device for stopping the timer with the help of a chronometer V. G Kovalchuk, A. A. Logvinov Biul sta. opt nabl isk sput Zem. no 23 [illegible] '61

Photoelectric attachment to a recording chronograph B. A. Kamochkin, S. S. Tovchigrechko. Astron zhur no. 2:369-371 Mr-Ap '62

CHU VALLEY—RICE

Rice planting time in the Chu Valley. N. A. Pakhalina Trudy KirgNIIZ no. 3:124-130 '60

CHU VALLEY—SUGAR BEETS

Some features of the radiation balance of sugar beets in the Chu Valley A. G Toropova Trudy KirgNIIZ no. 3:46-50 '60.

CHU-ILI MOUNTAINS—FUNGI

Microflora of the Chu-Ili Mountains. Z. M. Dyakova Trudy Inst. bot. AN Kazakh. SSR 11:219-240 '61.

CHU-ILI MOUNTAINS—MINERALOGICAL CHEMISTRY

Some minerogeochemical characteristics of Quaternary sediments in the Chu-Ili Mountains. V. V. Dobrovol'skii Trudy Kom. chetv. per no. 20 89-102 '61

CHU-ILI MOUNTAINS—PEDALIACEAE

Variability of fruits of the Niedzwedzkia semiretschenskia B. Fedtsch. and some biological moments of its early growth. F. N. Rusanov. Trudy Tashkil in-ta 13 140-148 '61.

CHUKCHI

Andrei Argentov's journey to northeastern Siberia in 1851. B. A. Val'skaia. Strany i nar. Vost. no. 2:[illegible] '61.

CHUKCHI PENINSULA—GEYSERS

Mathematics and boiling water. Savelii Tomiriare Ogonek 40 no. 9:22 F '62.

CHUKCHI SEA—OCEANOGRAPHIC RESEARCH

Oceanographic expedition to the Chukchi and East Siberian Seas in 1960. N. I. Dem'ianov. Probl. Arkt. i Antarkt. no. 8, 97-98 '61.

CHUKCHI SEA—WEATHER FORECASTING

The technique of forecasting large-scale anomalies of the air temperature over the Chukchi Sea for October. V. S. Ragozina. Trudy AANII. 240, 153-162 '61.

CHUKOVSKII, KORNEI IVANOVICH, 1882-

Our good, famous comrad. Sergei Baruzdin. V mire knig. 2, no. 2, 38. F '62.

Sources of creativeness, birthday of K. I. Chukovskii. M. Petrovskii. Doshk. vosp., 35, no. 4, 124-126. Ap '62.

CHUKOVSKII, KORNEI IVANOVICH, 1882-—BIBLIOGRAPHY see Bibliography—Chukovskii, Kornei Ivanovich, 1882-

CHURCH AND SOCIAL PROBLEMS

Chichikov in the cassock. M. Habalichuk. Voiov. ateist. no. 11, 20-21. N '61.

CHURCH AND STATE

At an official reception. Zhur. Mosk. Patr., no. 12, 3. D '61.

Clericalism and its role in the ideology and policy of imperialism. M. Mchedlov. Kommunist. 39, no. 6, 112-122. Ap '62.

CHURCH DECORATION AND ORNAMENT see subdivision under Svanetia

CHURCH HISTORY see subdivision under Ukraine

CHUVASHIA—GRAIN—STORAGE

Introduce new machinery continuously in the granaries of the Chuvash A.S.S.R. G. Andreev. Muk.-elev. prom., 28, no. 2, 5-6. F '62.

CHUYA VALLEY—MEAT

Ottselainen, V. P., and L. P. Popov. [More meat for the country] Bol'she miasa strane. Frunze, Kirgizskoe gos. izd-vo, 1961. 79 p. (DA)

CICADA

Harm of cicadas to sugar beets and winter grain crops. E. E. Makarenko. Trudy Vsesoiuz. nauch.-issl. inst. sakh. svekly i sakh., 1, no. 2, 32-35 '61.

CIMMERIAN BOSPORUS (KINGDOM)

More about the Saumakos Rebellion. V. F. Gaidukevich. Vest. drev. ist., no. 1, 3-23 '62.

CIMMERIAN BOSPORUS (KINGDOM)—ANTIQUITIES

Archaeological explorations in Kitey. N. S. Belova. Krat. soob. Inst. arkheol., no. 83, 63-66 '61.

Archaeological work in Cepi in 1960. N. I. Sokol'skii. Krat. soob. Inst. arkheol., no. 83, 66-72 '61.

CIMMERIAN BOSPORUS (KINGDOM)—ART, GREEK

Ivanova, A. P. [Sculpture and painting of the Bosporus Kingdom; sketches] Skul'ptura i zhivopis Bospora, ocherki. Kiev, Izd-vo Akad. nauk USSR, 1961. 148 p. Illus.

CINCHONA

The cinchona. M. IAsynchuk. Ukraina, no. 6, 32. Mr '62.

CINCHOPHEN—PHYSIOLOGICAL EFFECT

Effect of vitamin B12 on the healing of experimental gastric ulcers induced by utophen [with summary in English]. A. S. Lazaretnik. Vrach. delo, no. 2, 25-29. F '62.

CINQUEFOIL

Biology of the development of Potentilla erecta (L.) Hampe. A. P. Poshkurlat. Trudy Len. khim.-farm. inst., 12, 323-333 '61.

Distribution of tannins in different organs of Potentilla erecta (L.) Hampe. L. V. Selenina. Trudy Len. khim.-farm. inst., 12, 267-273 '61.

CIRCUITS, BRIDGE see Bridge circuits

CIRCULAR SAWS

IAkunin, N. K. [Circular saws and their use] Kruglye pily i ikh ekspluatatsiia. Moskva, Goslesbumizdat, 1960. 151 p.

CIRCULAR SAWS—ATTACHMENTS

Attachment to the circular saw. A. E. Meliushkin. Les. khoz., 15, no. 2, 66. F '62.

CIRCULAR SAWS—STANDARDS

Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut po normalizatsii v mashinostroenii. [One-piece cutters and rim saws] Frezy tsel'nye i pily segmentnye. Moskva, Gos. izd-vo standartov, 1960. 64 p. (SSSR. Normali mashinostroeniia)

CIRCULATORY SYSTEM see Cardiovascular system

CIRRHOSIS OF THE LIVER see Liver—Cirrhosis

CITIES AND TOWNS

(see also subdivision under Kis Alföld; Poland)

Some characteristics of the growth of trees in cities and the question of cultivation practices. L. O. Mashinskii. Trudy TSSBS, no. 3, 33-49 '60.

CITIES AND TOWNS, ANCIENT see subdivision under Black Sea region

CITIES AND TOWNS, RUINED, EXTINCT, ETC. see subdivision under Kerch Strait, Mitridat Mountain; Nedvigovka; Semenovka, Crimea

CITRAL

Effect of citral on the content of glycoproteins and lipoproteins during the development of experimental atherosclerosis [with summary in English]. L. S. Tarasova. Vop. med. khim., 7, no. 6, 585-592. N-D '61.

CITRUS FRUITS see subdivision under Crimea, Georgia, India

CITRUS FRUITS—DISEASES AND PESTS

Improvement of the spraying of citrus orchards on steep slopes with insecticides and fungicides by means of mechanical filling of pressure tanks and using cableways [with summary in English]. B. P. Karanadze. Subtrop. kul't., no. 1, 71-75 '61.

Using mixtures containing parathion on citrus plantations [with summary in English]. G. V. Gegenava. Subtrop. kul't., no. 1, 71-75 '61.

CITY PLANNING

(see also subdivision under Alchevsk, Krasnoyarsk, Leningrad; Lvov, Moscow)

Akademiia stroitel'stva i arkhitektury SSSR. Institut gradostroitel'stva i raionnoi planirovki. [Planning and building of large cities] Planirovka i zastroika bol'shikh gorodov. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 114 p.

Akademiia stroitel'stva i arkhitektury SSSR. Institut obshchestvennykh zdanii i sooruzhenii. [Instructions for planning small summer resort towns] Ukazaniia po proektirovaniiu letnikh gorodkov otdykha. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 15 p.

Communism and some problems of city planning. A. Kastianov. Stroi. i arkhit., 9, no. 11, 3-4. N '61.

Some problems in the future development of cities. B. Svetlichnyi. Vop. ekon., no. 3, 57-69. Mr '62.

Urban redevelopment. V. A. Riazanov. Zdorov'e, 8, no. 1, 3-4. Ja '62.

CIURLIONIS, MIKALOJUS KONSTANTINAS, 1875-1911

Ciurlionis, M. K. 32 reprodukcijos. 32 reproductions. Vilnius, Valstybine grozines literaturos leidykla, 1961. xxiv p., plates.

CIVIC IMPROVEMENT see subdivision under Omsk, Rudnyy

CIVIL LAW

The all-Union "Basic Principles of Civil Law" and some problems concerning the codification of Soviet laws. V. N. Sukhodrev. Sov. gos. i pravo, 32, no. 4, 49-57. Ap '62.

A conference of the All-Union Institute of Jurisprudence devoted to the "Basic Principles of the Civil Law and Civil Procedure of the U. S. S. R. and the Union Republics." I. M. Il'inskaia, L. F. Lesnitskaia, T. B. Mal'tsman. Sov. gos. i pravo, 32, no. 4, 70-73. Ap '62.

A discussion of the "Basic Principles of the Civil Law and Civil Procedure of the U. S. S. R. and the Union Republics" in the Institute of the State and Law of the Academy of Sciences of the U. S. S. R. G. I. Sov. gos. i pravo, 32, no. 4, 74-76. Ap '62.

Gordon, M. V. [Lectures on Soviet civil law] Lektsii po sovetskomu grazhdanskomu pravu. Khar'kov, Izd-vo Khar'kovskogo gos. univ., 1960. 345 p. (MiU)

"Soviet civil law" by L. K. Arkhippov and others. Reviewed by M. G. Markova. Izv. vys. ucheb. zav.; prav., 6, no. 1, 165-169 '62.

CIVIL PROCEDURE

A conference of the All-Union Institute of Jurisprudence devoted to the "Basic Principles of the Civil Law and Civil Procedure of the U. S. S. R. and the Union Republics." I. M. Il'inskaia, L. F. Lesnitskaia, T. B. Mal'tsman. Sov. gos. i pravo, 32, no. 4, 70-73. Ap '62.

A discussion of the "Basic Principles of the Civil Law and Civil Procedure of the U. S. S. R. and the Union Republics" in the Institute of the State and Law of the Academy of Sciences of the U. S. S. R. G. I. Sov. gos. i pravo, 32, no. 4, 74-76. Ap '62.

For the better forms of public participation in the examination of civil lawsuits. D. Kichatov. Sov. iust., no. 24, 7-9. D '61.

"Preparation of civil lawsuits for trial" by P. V. Loginov. Reviewed by P. Elisetkin, R. Valeeva, V. Nazhimov. Sov. iust., no. 21, 26-27. D '61.

CIVIL RIGHTS

Milters, V. [Basic rights and obligations of Soviet citizens] Padomju pilsonu pamattiesibas un pienakumi. Riga, Latvijas Valsts izdevnieciba, 1961. 102 p. [In Latvian]

CIVIL SERVICE—EXAMINATIONS see subdivision under China

CIVILIZATION, HARAPPAN

Harappan civilization and the "Aryan problem" [with summary in English]. G. M. Bongard-Levin. Sov. etn., no. 1, 44-58. Ja-F '62.

CLADDING see Metal cladding

CLASPS see subdivision under Artyukhovo (Taman Peninsula)

CLASSICAL ANTIQUITIES see subdivision under Apollonia, Albania, Mitridat Mountain, Taman'

CLASSICAL PHILOLOGY

The Second All-Union Conference on Classical Philology. B. L. Galerkina, A. I. Zaitsev, E. I. Chekalova. Vest. drev. ist., no. 1, 194-200 '62.

CLASSIFICATION—BOOKS

Bibliographic classification of geological and geographical sciences, the variant of the Academy of Sciences of the U. S. S. R. I. N. Baskachenko. Trudy Bibl. AN SSSR, 5, 221-228 '61.

CLAVICLE—DISLOCATION

Operative treatment of acromial luxation of the clavicle. G. A. Kucherenko, A. N. Novitskii. Vest. khir., no. 3, 130-133 '62.

Restoration of the injured ligamentous apparatus of the acromioclavicular articulation by a new method. A. I. Maltsev. Vest. khir., no. 3, 112-111 '62.

CLAY

(see also subdivision under Akhaltsikhe region; Donets Basin, Komi A.S.S.R.)

Hydrochemical extraction of alumina from clay. K. Isabaev, K. Zakar'ianov, Kh. N. Nurmagambetov. Sbor. nauch. trud. Kaz. GMI, no. 19, 93-97 '60.

New raw material for drilling fluids. E. G. Kukovskii, A. B. Ostrovskaia, A. I. Zolotareva. Razved. i okh. nedr., 28, no. 2, 51-52. F '62.

CLAY—ANALYSIS

Causes of swelling in clay beds. L. E. Vrublevskii. Stek. i keram., 19, no. 1, 20-22. Ja '62.

CLAY—ELECTRIC PROPERTIES

Membrane potential of clay. S. G. Komarov, V. P. Shmarova. Prikl. geofiz., no. 31, 288-293 '61.

CLEANING COMPOUNDS

Spots disappear. A. Golubeva. Mest. prom. i khud. promys., 3, no. 3, 34. Mr '62.

CLEARING OF LAND

Destroying brush on farmlands. G. P. Sannikov. Zemledelie, 24, no. 2, 33-41. F '62.

KAR-1, 2 brush cutter. A. Orekhov. Sel'. mekh., no. 1, 43 '62.

Mechanized clearing of stumped clearcuts. IU. M. Azbukin. Les. khoz., 15, no. 1, 69-71. Ja '62.

CLEMENS, SAMUEL LANGHORNE, 1835-1910

Bobrova, M. N. [Mark Twain; a study of his works] Mark Tven; ocherk tvorchestva. Moskva, Gos. izd-vo khudozh. lit-ry, 1962. 502 p.

Foner, P. S. [Mark Twain, Social critic. Translated from the English] Mark Tven - sotsial'nyi kritik. [Poslesloviie IA. N. Zasurskogo. Kommentarii IU. I. Kagarlitskogo] Moskva, Izd-vo inostr. lit-ry, 1961. 415 p. (RPB)

This is interesting to know. Oty. na vop. rab., no. 10, 13, 40, 52, 59-60 '61.

CLERGY see subdivision under Ukraine, Western

CLIMACTERIC

Climacteric neuroses and their treatment. V. V. Slonitskii, Fel'd. i akush., 27, no. 1, 19-25. Ja '62.

Combined use of sex steroid hormones in the climacteric syndrome in patients with hypertension and arteriosclerosis [with summary in English]. E. M. Vikhliaeva, V. I. Kalinykova. Klin. med., no. 3, 105-112 '62.

Gliula, I. O. [Neuropathology in gynecology; applicable in disorders of the ovarian-menstrual cycle, diseases of the uterus and ovaries during the periods of sexual maturation and the climacteric] Nervnaia patologiia v ginekologii; pri narusheniiakh ovarial'no-menstrual'nogo tsikla, zabolevaniiakh matki i iaichnikov v period polovogo sozrevaniia i klimaksa. Kiev, Gos. med. izd-vo USSR, 1961. 61 p. (DNLM)

Vestibular disorders in climacteric neurosis [with summary in English]. M. G. Arsen'eva, A. M. Raskin. Sov. Med., 25, no. 2, 98-102. F '62.

CLIMATOLOGY

(see also subdivision 'Climate' under Amurskiy District, Khabarovsk)

Forms of taking climatic conditions into account. V. P. Puzanov. Vop. geog., no. 54, 110-124 '61.

Seasonal variations in the climatic factors of geographical zonality. A. A. Grigor'ev, M. I. Budyko. Dokl. AN SSSR, 143, no. 2, 391-393. Mr '62.

CLIMATOLOGY—CHARTS, DIAGRAMS, ETC.

"World atlas of climatological diagnosis" by H. Walter and H. Lieth. Reviewed by I. N. Beideman, A. A. Korchagin. Bot. zhur., 47, no. 2, 288-290. F '62.

CLIMATOLOGY, MEDICAL

"Chronic nonspecific lung diseases in children and their climatological treatment" by F. M. Iretskova, N. V. Kobyliatskaia. Reviewed by O. D. Sokolova-Ponomareva. Vop. okh. mat. i det. 7 no. 2:95. F '62.

CLOCKS, ASTRONOMICAL see Astronomical clocks

CLOCKS AND WATCHES—ABSTRACTS

[Precision instruments and testing equipment] Ref. zhur. Otd. vyp. 40 Prib. tech. mekh. i isp. ust. no. 1. Ja-Mr '62.

CLOSTRIDIUM

Sources of carbon nutrition for nitrogen-fixing microorganisms from the genus Clostridium [with summary in English]. V. T. Emtsev. Mikrobiologiia 31 no. 1 18-23 Ja-F '62.

CLOSTRIDIUM BOTULINUM

Detoxifying and disintoxifying properties of lysozyme in relation to the botulinus and staphylococcus toxins [with summary in English]. V. N. Darbich. Antibiotiki 6 no. 11 1006-1009 N '61.

Effect of the amount of sorbent on the immunogenic property of botulin anatoxins [with summary in English]. A. P. Labinskii. Zhur. mikrobiol., epid. i immun. 33 no. 2 78-84 F '62.

Study of botulin anatoxins. Report No. 4. Botulin anatoxin type E [with summary in English]. A. A. Vorobiev. Zhur. mikrobiol., epid. i immun. 33 no. 1 72-79 Ja '62.

CLOSTRIDIUM PERFRINGENS

Fractional composition of serum proteins in guinea pigs infected with Cl. perfringens and treated with ekmonovocillin-1 or tetracycline [with summary in English]. IU. S. Tatarinov, IU. D. Churkin. Antibiotiki 7 no. 4 335-339 Ap '62.

Simultaneous action of Cl. perfringens hemotoxin and B. proteus centrifugate in the presence of a specific antigangrene serum [with summary in English]. IU. I. Donets, N. L. Damkina. Zhur. mikrobiol., epid. i immun. 33 no. 2 84-87 F '62.

CLOTHING, COLD WEATHER

Kolesnikov, P. A. [Efficient principles for the design and manufacture of cold weather clothing] Ratsional'nye printsipy postroeniia teplozashchitnoi odezhdy, stenogramma lektsii, prochitannoi v LDNTP na seminare dlia rabotnikov shveinoi promyshlennosti. Leningrad, 1961. 29 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Seriia Shveinaia promyshlennost')

CLOTHING, PROTECTIVE

Amending and supplementing the departmental standards for free issue of special clothing, special shoes and protective equipment. Biul. Gos. kom. po vop. truda i sots. platy no. 12 3-11 '61.

Ivlev, N. G. [Booklet on protective clothing and individual protection measures] Pamiatka o spetsodezhde i sredstvakh individual'noi zashchity. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 30 p. (Tekhnika bezopasnosti)

More convenient. A. Urakov. Voen. vest. 41 no. 2:109 F '62.

CLOTHING, WATERPROOF

Materials for rubberized rain clothing. I. F. Neimark. Kozh.-obuv. prom. 4 no. 1:27-29 Ja '62.

CLOTHING AND DRESS—TESTING

Study on the thermal properties of ready-to-wear clothing on a model device. P. Kalnykov, A. I. Bekatov. Gig. i san. 26 no. 9 41-44 S '61.

CLOTHING INDUSTRY

(see also subdivision under Al'met'yevsk; Moscow, Sevastopol; Sverdlovsk; Torzhok)

Clothes must have variety and beauty. F. Feoktistov. Sov. torg. 35 no. 3 8-10 Mr '62.

Defective suit. D. Vladimirov. Vs. Zemnoi. Sov. profsoiuzy 18 no. 7:34-35 Ap '62.

Fashion, color, and the customer. A. Gorbachev. Sov. profsoiuzy 18 no. 6 34-35 Mr '62.

Problems that await solution. E. Fleishel. Sov. torg. 35 no. 3:10-13 Mr '62.

Selection, quality and sale of clothing. A. Kolenko. Sov. torg. 35 no. 3:18-20 Mr '62.

What hampers the manufacturing of good clothes. S. Kirillov, A. Rudakov. Sov. torg. 35 no. 3:7-8 Mr '62.

CLOTHING WORKERS see subdivision under Kiev

CLOUD CHAMBER

Considering the finite dimensions of a chamber in investigating nuclear processes. N. N. Mel'nikova. Prib. i tekh. eksp. 7 no. 1 32-36 Ja-F '62.

Convection chamber with a cellular bottom. V. K. Lapidevskii, I. M. Obodovskii. Prib. i tekh. eksp. 7 no. 1 41-42 Ja-F '62.

Distribution of density in a diffusion chamber. A. P. Andreev, N. V. Dushin. Prib. i tekh. eksp. 7 no. 1 37-40 Ja-F '62.

Photographing particle tracks in connection with the simultaneous measurement of impulse and ionization in large Wilson chambers. M. I. Devishev, D. F. Rakitin, S. V. Riabikov. Prib. i tekh. eksp. 7 no. 1 28-32 Ja-F '62.

CLOUD CHAMBER—TESTING

Investigating the characteristics of a spark chamber. A. A. Borisov and others. Prib. i tekh. eksp. 7 no. 1 49-51 Ja-F '62.

CLOUDS

[Instructions for the observation of noctilucent clouds] Instruktsiia dlia nabliudenii serebristykh oblakov. Moskva, Izd-vo Akad. nauk SSSR, 1957. 21 p. (DC)

CLUBROOT

Effect of the insecticidal and fungicidal repellent dust (IFRD-1) on cabbage clubroot. N. V. Tsitsin and others. Dokl. AN SSSR 143 no. 4 972-975 Ap '62.

CLUTCHES (MACHINERY)

Klubnikin, P. F. [Quick-acting induction clutches used in automatic control systems] Bystrodeistvuiushchie induktsionnye mufty v sistemakh avtomaticheskogo regulirovaniia. Moskva, Mashgiz, 1962. 216 p.

Use of multiple plate friction clutches. I. L. Andreev. Sudostroenie 28 no. 2:69-72 F '62.

COACERVATES

Introducing of amino acids into coacervates. T. N. Evreinova and others. Nauch. dokl. vys. shkoly, biol. nauki no. 1 159-164 '62.

Synthesis and decomposition of starch in coacervate drops. A. I. Oparin and others. Dokl. AN SSSR 143 no. 4 980-983 Ap '62.

COAL

(see also subdivision under Pechora Basin)

Petrographic studies and prediction of the coking capacity of coals. L. I. Ammosov and others. Razved. i okh. nedr 27 no. 12 11-16 D '61.

COAL—CARBONIZATION

Determination of the heat of carbonization under laboratory conditions. A. I. Voloshin and others. Koks i khim. no. 3 19-23 '62.

COAL—DRYING see subdivision under United States

COAL—PRICES

Some problems relating to price regulation in the coal mining of Kazakhstan. IU. M. Rozental', A. V. Rudanova. Izv. AN Kazakh. SSR Ser. ekon., filos. i prava no. 2 66-75 '61.

COAL GASIFICATION

Effect of adsorption on the combustion and gasification of fuel carbon. A. D. Kokurin, D. A. Rozental'. Trudy VNIIT no. 10 109-120 '61.

Final gasification of oven coke by an air-steam blast enriched with oxygen. IA. I. Vainshtein, R. M. Shapiro. Trudy VNIIT no. 10 31-48 '61.

COAL GASIFICATION, UNDERGROUND

Turchaninov, I. A. [Underground coal gasification] Podzemnaia gazifikatsiia uglei. Moskva, Gos. nauchno-tekhnicheskoi izd-vo lit-ry po gornomu delu, 1961. 65 p. (Bibliotechka molodogo shakhtera)

COAL GEOLOGY

(see also subdivision under Donets Basin; Moscow Basin, Verkhoyansk Range)

Practice of using the AKS-1-51 automatic logging station in connection with coal deposits. V. V. Popov. Geofiz. razved. no. 5 101-112 '61.

COAL GEOLOGY—MAPS

Soveshcha[illegible]

[illegible]

Interdepartmental Permanent Topical Commission on the Problem "Regularities in the Distribution of Coals in the Earth's Crust as a Basis for Prognosis in the Territory of the U. S. S. R." [Reports] Doklady. Moskva, Izd-vo Akad. nauk SSSR, 1960. 133 p.

———[Map of Permian coal in the territory of the U. S. S. R. at a scale of 1:5,000,000] Karta permskogo uglenakopleniia na territorii SSSR masshtab 1:5 000 000. 1959.

———[Map of Lower Mesozoic ($T-J_2$) coal in the territory of the U. S. S. R. at a scale of 1:5,000,000] Karta nizhne-mezozoiskogo ($T-J_2$) uglenakopleniia na territorii SSSR; masshtab 1:5 000 000. 1959.

———[Map of the coal-bearing provinces of the U. S. S. R. at a scale of 1:5,000,000] Karta uglenosnykh provintsii SSSR; masshtab 1:5 000 000. 1959.

COAL MINERS

(see also subdivision under Australia, Chelyabinsk Basin; Decazeville, France; Donets Basin)

Ideological "screws." M. Barannikov. Sov. shakht. 11 no. 4 38 Ap '62.

The law of comradeship. G. Shakirova. Sov. shakht. 11 no. 4:7-8 Ap '62.

May Day celebration. R. Sokolovskaia. Sov. shakht. 11 no. 4:40-41 Ap '62.

COAL MINERS—DISEASES AND HYGIENE

Occupational poisoning of workers of coal mines, its treatment and prevention. I. Z. Neimark, I. Kh. Zinger. Med. sestra 21 no. 1:12-19 Ja '62.

Special knee protectors for miners working thin coal veins. IA. L. Lamm. Gig. i san. 26 no. 9 59-61 S '61.

COAL MINERS—EDUCATION AND TRAINING see subdivision under Donets Basin

COAL MINES AND MINING

(see also subdivision under Chelyabinsk Basin, Donets Basin, Georgia; Gukovo, Karaganda Basin, Kazakhstan, Kuznetsk Basin, Moscow Basin, Pechora Basin, Tkibuli region; Tula Basin; Turov, Poland, Ukraine)

"Economics, organization and planning in the coal industry" by A. A. Smirnov. Reviewed by V. IA. Trubilin, Sred. spets. obr. 9 no. 3 60-61 Mr '62.

Lazarev, M. I., Mykola Mamai. Kyiv, Derzh. vyd-vo tekhn. lit-ry URSR, 1961. 21 p. (Udarnyky semyrichky)

Mironov, M. E., Oleksandr Kolchyk. Kyiv, Derzh. vyd-vo tekhn. lit-ry URSR, 1961. 15 p. (Udarnyky semyrichky)

Sudoplatov, A. P., and others. [Working coal deposits with short stoping faces] Razrabotka ugol'nykh mestorozhdenii korotkimi ochistnymi zaboiami. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1962. 303 p.

Tasks of the mine builders. A. Kartozlia. Sov. shakht. 11 no. 4:12-14 Ap '62.

Toward new achievements. Sov. shakht. 11 no. 4:2-3 Ap '62.

Zviagintseva, K. M. [Economics of strip mining of coal for coking] Ekonomika otkrytoi dobychi uglei dlia koksovaniia. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 83 p. (CU)

COAL MINES AND MINING—ACCIDENTS see subdivision under Kuznetsk Basin, Vorkuta

COAL MINES AND MINING—EQUIPMENT AND SUPPLIES

Instruction on the design of mine pipelines. I. I. Ortovskii. Shakht. stroi. 6 no. 3 32 Mr '62.

Under the sinking ceiling. N. A. Chinakal. Nauka i ltsr. 29 no. 1 50-52 Ja '62.

COAL MINES AND MINING—LABOR PRODUCTIVITY

Patriotic activities. I. Trubachev. Sov. shakht. 11 no. 4:8 Ap '62.

COAL MINES AND MINING—PRODUCTION STANDARDS

(see also subdivision under Donets Basin)

Vospolit, V. G., and O. A. Denisenko. [Organizing a wage system and establishing work norms in the coal mining industry] Organizatsiia zarabotnoi platy i normirovanie truda v ugol'noi promyshlennosti. [Stalino] Stalinskoe obl. izd-vo, 1958. 49 p. (Voprosy konkretnoi ekonomiki ugol'noi promyshlennosti)

COAL MINES AND MINING—SAFETY MEASURES—CONGRESSES

International Conference on Labor Protection and Safety Engineering for Miners. P. N. Torokhti. Gig. truda i prof. zab. 4 no. 12 51-52 D '60.

COAL MINES AND MINING—SAFETY REGULATIONS

Take into consideration continuing safety regulations for coal mines. D. IA. Nakhimovich. Bezop. truda v prom. 6 no. 3:34 Mr '62.

COAL MINING MACHINERY

Application of isotopes in mining engineering. V. Segalin. Sov. shakht. 11 no. 4:24-26 Ap '62.

[Handbook for the operator and mechanic of open-pit mine equipment] Spravochnik mekhanika ugol'nogo kar'era. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 639 p.

Reloader for the sinking cutter-loader. E. Prokhorov. Sov. shakht. 11 no. 4:20 Ap '62.

Sokolov, A. I. [Cutter and cutter-loader operator] Mashinist vrubovoi i vrubovo-navalochnoi mashiny. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1962. 245 p.

System of working a steep layer of average thickness with a KVKTS-3k machine unit. I. G. Polovinka, A. F. Kovrigo. Sbor. nauch. trud. Kaz. GMI no. 19:60-70 '60.

COAL MINING MACHINERY—TECHNOLOGICAL INNOVATIONS

Two innovations. P. Mikhailenko. Sov. shakht. 11 no. 4:30-31 Ap '62.

COAL PREPARATION

Discussing A. I. Dovlik's article "Utilization of dephenolized waste waters in coal preparation plants." I. M. Ozhiganov. Koks i khim. no. 2:64 '62.

Discussing the article "Replenishment of the working solution of sulfur purification systems with liquid potassium hydroxide" by A. I. Shevchenko and others. A. A. Radilovskii. Koks i khim. no. 2:63 '62.

Introduction and practical use of polyacrylamide for the flocculation of circulating water slurry. V. S. Bolovskii, F. L. Piliasov. Koks i khim. no. 2:3-6 '62.

COAL PREPARATION (Continued)
New flow sheet and automatic control of the flotation process. A. Z. Kulishenko, N. G. Bocharov, A. S. Kuz'menko. Koks i khim. no. 3 3-11 '62

COAL PREPARATION PLANTS see subdivision under Kalinino

COAL TAR—PHYSIOLOGICAL EFFECT
Cancerogenic action of the so-called "medium oil" derived from Cheremkhov coal tar. Z. P. Grigor'ev. Gig. truda i prof. zab. 4 no. 1 32-35 Ja '60

COAST CHANGES
(see also subdivision under Baikal, Lake)
Basic aspects of the theory of the formation of accumulative forms of seashores. V. P. Zenkovich. Trudy Okean. kom. 10 no. 3 87-101 '62.
Modern concepts of the dynamics of the shore zone in seas. V. V. Longinov. Trudy Okean. kom. 10 no. 3 102-112 '62.

COBALT see subdivision under Ural Mountains

COBALT—ANALYSIS
Complexometric (EDTA analysis) quick method for determining cobalt in the styrol solution of cobalt naphthenate and cobalt driers. P. A. Naviazhskaia, V. S. Spotykhina, Lakokras. mat. i ikh prim. no. 6 55-57 '61

COBALT—TOXICOLOGY
Effect of cobalt dust [with summary in English]. T. A. Kochetkova. Gig. truda i prof. zab. 4 no. 11:34-38 N '60.

COBALT ALLOYS
Effect of tantalum on physicomechanical and cutting properties of tungsten carbide-cobalt alloys. V. F. Funke, V. IA. Lider, V. S. Panov. Vest. mash. 42 no. 3:79-82 Mr '62.

COBALT COMPOUNDS
Complex formation in the system $CoBr_2$ - HBr - H_2O. S. M. Andreev, V. G. Khaldin. Dokl. AN SSSR 143 no. 2, 335-337 Mr '62
Compounds of trivalent cobalt with pyridine and α-picoline. A. Ganiev. Zhur. neorg. khim. 7 no. 2 261-264 F '62
Effect of nitric acid on the isomeric salts of dinitrotetraammine cobalt and dinitrodiethylenediamine cobalt. A. Ganiev. Zhur. neorg. khim. 7 no. 2:265-268 F '62
Rapid determination of potassium as the cobaltinitrite with EDTA ending of the analysis. B. I. Soibel'man. Ukr. khim. zhur. 28 no. 2:242-245 '62.

COBALT FORMATE
Kinetic characteristics of thermal decomposition of mechanical mixtures and solid solutions of nickel and cobalt formates. V. V. Sviridov, A. A. Sai. Dokl. AN BSSR 5 no. 10 448-451 O '61

COBALT-MANGANESE ALLOYS
Physicochemical study of phase transformations in alloys of cobalt with manganese. A. T. Grigor'ev, E. M. Sokolovskaia, I. I. Bogatyrev. Zhur. neorg. khim. 7 no. 2 111-144 F '62

COBALT-NICKEL ALLOYS see Nickel-cobalt alloys

COBALT SALTS
Reactions between cobalt salts and thiosemicarbazide. M. K. Akhmedli, A. M. Sadykova. Zhur. neorg. khim. 7 no. 3 610-615 Mr '62

CODEINE
Use of ion exchange substances for codeine extraction. M. A. Romanchuk, I. G. Demina. Med. prom. 16 no. 2: 35-39 F '62.

CODFISH
(see also subdivision under Barents Sea; White Sea)
Migrations of sexually immature codfish and causes of their variation. N. V. Mironova. Trudy MMBI no. 3: 198-219 '61.
Pigmentary reaction of cod to homogeneous and heterogeneous background. A. D. Chinarina. Trudy MMBI no. 3:97-104 '61.

COELENTERATA
Phagocytary reactions during the processes of regeneration and somatic embryogenesis in lower coelenterates. B. P. Tokin, F. N. Ericheva. Trudy MMBI no. 3:113-124 '61.

COELENTERATA, FOSSIL
Some results of the study of Stromatoporoidea in the U. S. S. R. V. I. IAvorskii. Paleont. zhur. no. 1:19-30 '62.

COESITE see subdivision under Arizona

COFFEEHOUSES see subdivision under Moscow

COHOMOLOGY THEORY see Homology theory

COILS, ELECTRIC see Electric coils

COINS, ANCIENT see subdivision under Khiva Oasis

COINS, GREEK
Olbia and Rhodes according to the numismatic data. P. O. Karyshkovskii. Krat. soob. Inst. arkheol. no. 83:9-14 '61.

COKE
(see also subdivision under Novyy Lipetsk)
Final gasification of oven coke by an air steam blast enriched with oxygen. IA. I. Vanshtein, R. N. Shapiro. Trudy VNIIT no. 10 41-48 '61
Information notes. Koks i khim. no. 2 57 '62.
Petrographic studies and prediction of the coking capacity of coals. I. I. Ammosov and others. Razved. i okh. nedr. 27 no. 12:11-16 D '61
Production of coke from gas coals. N. A. IArkho, B. M. Ravich, I. A. Andreeva. Koks i khim. no. 3 11-12 '62
Profit by advantages of the DK flow sheet for improving the quality of coke. V. F. Kushnirov, P. S. Ivanov. Koks i khim. no. 3 12-14 '62
Ways of reducing the porosity of pitch coke. B. V. Sheremkin and others. Koks i khim. no. 2 25-29 '62

COKE INDUSTRY
(see also subdivision under Donets Basin; Zhdanov)
From pages of factory newspapers. Koks i khim. no. 3 62 '62
From pages of factory wall newspapers. Koks i khim. no. 2:62 '62
How is your production likely to develop? Koks i khim. no. 3 59-60 '62
Vessel'man, S. G., and L. V. Drobyshev. [Control and regulation of thermal processes in coke chemical plants] Kontrol' i regulirovanie teplovykh protsessov na koksokhimicheskikh zavodakh. Khar'kov, Metallurgizdat, 1962. 378 p.

COKE INDUSTRY—BY-PRODUCTS
Efficient utilization of tar water ammonia in the production of light pyridine bases. D. S. Petrenko, O. D. Gorlitskaia, M. D. Shapiro. Koks i khim. no. 2 31-33 '62.
Mechanization and automation in the by-product coke industry. I. G. Molodtsov, L. A. Toptygin. Koks i khim. no. 3 51-56 '62.
Yet another plant of communist labor. G. Ozerskii. Koks i khim. no. 3 57-58 '62

COKE INDUSTRY—EQUIPMENT AND SUPPLIES
(see also subdivision under Dnepropetrovsk)
Central compressor station. A. M. Milenkin. Koks i khim. no. 2:51-52 '62
Conference on the wear resistance of screens. A. Seppar. Koks i khim. no. 3 60-61 '62

COKE INDUSTRY—HYGIENIC ASPECTS
Improving working conditions in the production of naphthalene in coke by-products plants. L. M. Bramson. Gig. i san. 26 no. 9:54-59 S '61

COKE-OVEN GAS
By-product coke plants are in need of acids free of nitrous compounds. V. I. Gladushko. Koks i khim. no. 3 33-35 '62
Problem of the purification of coke gas with electric filters. M. IA. Finkel'. Koks i khim. no. 2 33-34 '62
Studying the new method of ammonia recovery in an experimental industrial installation. G. D. Kharlampovich and others. Koks i khim. no. 2, 34-38 '62

COKE OVENS
(see also subdivision under Yasinovka)
Airtightness of the brickwork of pith coke ovens. I. N. Peresadenko. Koks i khim. no. 2, 23-24 '62
Construction of the top reinforced concrete slab of a coke-oven battery. IA. M. Gal'perin, A. V. Goliuk. Koks i khim. no. 2:19-23 '62
Eliminating the deformation of gas collectors. A. P. Bronshtein, N. A. Bukhavtsev. Koks i khim. no. 2 30 '62.
Eliminating the leakages of blast furnace gas through the dividing wall of regenerators. M. I. Fridman, A. S. Leonov, A. M. Malstrenko. Koks i khim. no. 2:29-30 '62.
Mechanism of the extraction of coke-oven doors. A. A. Azimov, V. A. Naida. Koks i khim. no. 3 29-32 '62

COKE OVENS—CLEANING
Graphite removal from the chamber arches of coke ovens. A. N. Bykov. Koks i khim. no. 2:16-18 '62

COLCHICINE
Preliminary study of polyploid radishes produced by treatment with colchicine. E. I. Tarasevich. Dokl. AN BSSR 5 no. 10:470-474 O '61

COLD—PHYSIOLOGICAL EFFECT
Cold agglutinins and cryoglobulins in dermatoses related to the effect of cold [with summary in English]. P. Mikhailov, N. Berova. Vest. derm. i ven. no. 3:14-19 '62.

COLD—THERAPEUTIC USE
History of the development of cryotherapy in dermatology (in connection with the 50th anniversary of Soviet CO_2 cryotherapy and the 20th anniversary of the death of the method's founder, W. A. Pusey). S. E. Sladkovich. Vest. derm. i ven. no. 3:77-79 '62

COLD (DISEASE)
Prevention of colds in the "Amurskii" Children's Tuberculosis Sanatorium. N. A. Gorodintseva. Med. sestra 21 no. 3 38-39 Mr '62

COLD STORAGE LOCKERS
New cold-storage counters. P. Gorbach. Sov. torg. 35 no. 3:59-61 Mr '62.

COLD WEATHER CLOTHING see Clothing, Cold weather

COLITIS
Absorption of some micro- and macroelements in patients suffering from chronic enterocolitis [with summary in English]. A. M. Krasnova. Terap. arkh. 34 no. 3:73-81 '62
Blood eosinophilia in chronic nonspecific colitis and rectal oxygenotherapy. A. I. Kolesnikov. Vrach. delo no. 8 111-112 Ag '61
Clinical characteristics of nonspecific ulcerous colitis. S. L. Erez, A. G. Ryklina, A. S. Bondarev. Kaz. med. zhur. no. 1 19-22 Ja-F '62.
Diagnosis and treatment of chronic colitis. I. T. Mal'tsev and others. Kaz. med. zhur. no. 1 14-19 Ja-F '62.
"Hemorrhagic and suppurative rectocolitis (ulcerative colitis) [in French]" by Roger Cattan and others. Reviewed by E. M. Tareev. Sov. med. 25 no. 2 155-156 F '62
X-ray control of the effectiveness of antibiotic therapy in postinfection colitis. P. D. Tarnopol'skaia, V. I. Alieva. Kaz. med. zhur. no. 1:23-24 Ja-F '62.

COLLECTIVE FARMS
(see also subdivision under Amur Province, Central Black Earth region; Chernigov Province, Dnieper Valley; Kaluga Province, Kazakhstan; Kursk Province, Latvia; Lithuania, Makharadze District; Moldavia; Nau, Uzbekistan; Niyazbashi, Ryazan Province; Votkinsk District, White Russia)
Actuality and possibility. I. Sterkin. Sel'. mekh. no. 3 14-16 '62.
Catch up with your friends. P. Kuleah, G. Sinila, L. Tikhonchuk. Sel'. mekh. no. 3 8-9 '62.
The collective farm system on the eve of the Great Patriotic War. M. A. Vyltsan. Ist. SSSR 6 no. 1:32-51 Ja-F '62.
Collective farms as a means of the communist education of Soviet peasants [with summary in English]. E. A. Chernov. Vest. LGU no. 5 75-85 '62
Complex plans for health measures on collective farms. V. P. Barilenko. Sov. zdrav. 21 no. 3:27-31 '62
Everything depends on the organization of the enterprise. IU. Al'perovich, S. Naumov. Sel'. mekh. no. 3 10-11 '62
Experience in the work of a tractor brigade. M. Zhil. Sel'. mekh. no. 3 4-6 '62.
Fal'ko and his friends. M. Zamski. Belarus' 10 no. 3 4-5 Mr '62
Noble duty of Soviet citizens. K. Orlovskii. Agitator no. 8 14-15 Ap '62
Prokopenko, N. I. [CPSU in the struggle for preparing the mass collective-farm movement, 1927-1929] KPSS bor'ba za podgotovku massovogo kolkhoznogo dvizheniia, 1927-1929 gg. [Moskva] Izd-vo Mosk. univ., 1961. 182 p.
"The right of collective farm property" by N. D. Kazantsev and others. Reviewed by IU. G. Basin, B. V. Pokrovskii, K. A. Shaibekov. Sov. gos. i pravo 32 no. 3, 143-145 Mr '62
A school for the millions. Ivan Kostin. Ukraina no. 2: 3-4 Ja '62.
Some problems in the publication of source materials relating to the history of the collectivization of Soviet agriculture. G. A. Belov. Vop. ist. no. 4:133-139 Ap '62
They took the right direction. A. Liakh. Komsom. zhizn' no. 5 8-11 Mr '62
To you, our homeland, we dedicate our work! IU. Shchegolev. V mire knig 2 no. 3 21 Mr '62
Utilization of land resources on collective and state farms of the R.S.F.S.R., economic review. N. Chernyshev. Ekon. sel'khoz. 33 no. 1 82-89 Ja '62.
You need know-how to raise a crop. I. Prikhod'ko, A. Brekhun, M. Brekhun. Sel'. mekh. no. 3 7-8 '62.

COLLECTIVE FARMS—ACCOUNTING
Andzans, K. [Reorganization of collective-farm bookkeeping] Gramatvedibas parkartojumi kolkhozos. Riga, Latvijas Valsts izdevnieciba, 1961. 52 p. [In Latvian]
Ignatov, S. A. [How to introduce business accounting on collective farms] Kak vnedrit' khozraistvennyi raschet v kolkhozakh. Moskva, Sel'khozgiz, 1960. 204 p. (MH) (ICU)

COLLECTIVE FARMS—COSTS
Indices of production costs on collective farms should be uniform. N. Khmelev. Vest. stat. no. 4 60-61 '62.

COLLECTIVE FARMS—FINANCE
(see also subdivision under Belgorod Province; Petropavlovka District; Ukraine)
Kirillov, E. A. [Finances of collective farms] Finansy kolkhozov. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1962. 183 p.

COLLECTIVE FARMS—HEATING AND VENTILATION
Fuel pump on a farm. V. Nikitiuk. Sel'. mekh. no. 3. 33-34 '62.

COLLECTIVE FARMS—INCOME DISTRIBUTION (see also subdivision under Labinsk District, Latvia, Ukraine, Voronezh Province)

Akademiia nauk SSSR. Institut ekonomiki. [Communal funds of collective farms and the distribution of collective-farm income] Obshchestvennye fondy kolkhozov i raspredelenie kolkhoznykh dokhodov. Moskva, Izd-vo ekon. lit-ry, 1961. 386 p.

Organization of farming and remuneration on a collective farm. G. Prudnikov. Kommunist 39 no. 7 33-40 My '62.

Special features of the remuneration of collective farmers. N. N. Vedenin. Izv. vys. ucheb. zav., prav. 6 no. 1 136-141 '62.

COLLECTIVE FARMS—INTERFARM COOPERATION (see also subdivision under Kazakhstan, Ukraine)

Bychkova, TS. V., and V. L. Muntian. [Legal problems in the work of interfarm interprises] Pravovi pytannia dilal'nosti mizhkolhospnykh ob'iednan'. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 95 p.

Determining the proportional shares in the construction of intercollective farm soil improvement systems. K. Zhurkovskii. Ekon. sel'khoz. 33 no. 1 108-110 Ja '62.

Green light to a valuable initiative. IU. Proskurin. Ekon. sel'khoz. 33 no. 1 112-113 Ja '62.

COLLECTIVE FARMS—LABOR PRODUCTIVITY see subdivision under Vani District

COLLECTIVE FARMS—LAWS AND LEGISLATION

Akademiia nauk SSSR. Institut gosudarstva i prava. [Legal status of collective farms in the U. S. S. R.] Pravovoe polozhenie kolkhozov v SSSR. Moskva, Gos. izd-vo jurid. lit-ry, 1961. 378 p.

Bychkova, TS. V., and V. L. Muntian. [Legal problems in the work of interfarm enterprises] Pravovi pytannia dilal'nosti mizhkolhospnykh ob'iednan'. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 95 p.

Muntian, V. L. [How Soviet administrative law protects the property of collective farms] Administratyvno-pravova okhorona kolhospnoi vlasnosti. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 149 p.

Petrov, V. V. [Legal status of the indivisible assets of collective farms] Pravovoe polozhenie nedelimogo fonda kolkhoza. [Kazan'] Izd-vo Kazanskogo univ., 1961. 42 p.

Turubinei, A. M. [Problems in the theory of collective-farm law] Voprosy teorii kolkhoznogo prava. Moskva, Gos. izd-vo jurid. lit-ry, 1861. 175 p.

COLLECTIVE FARMS—MANAGEMENT see subdivision under Khmel'nitskiy Province

COLLECTIVE FARMS—OFFICIALS AND EMPLOYEES

Follow-up of unpublished letters to the editor. Part. zhizn' no. 7:78 Ap '62.

COLLECTIVE FARMS—TAXATION see subdivision under Nizhnegorskiy District

COLLECTORS AND COLLECTING

Enthusiasts. B. Privalov. Sov. Soiuz no. 3 47 '62.

COLLEGE AND SCHOOL JOURNALISM

Inexplicable quiet, from the pages of the agricultural college press. Vest. vys. shkoly 20 no. 2 75-78 F '62.

COLLISIONS (NUCLEAR PHYSICS)

Arifov, U. A. [Interaction of atomic particles with a metal surface] Vzaimodeistvie atomnykh chastits s poverkhnost'iu metalla. Tashkent, Izd-vo Akad. nauk Uzbekskoi SSR, 1961. 323 p.

Integral of collisions for a system of particles with Coulomb interaction. V. P. Silin. Fiz. met. i metalloved. 13 no. 2, 180-191 '62.

COLLOIDS

Recovery of mixed ferrocyanides of heavy metals from their hydrosols in colloidal solutions by the emulsification method. Part 2. Effect of electrolyte addition. L. D. Skrylev, V. I. Borisikhina, S. G. Mokrushin. Izv. vys. ucheb. zav.: khim. i khim. tekh. 4 no. 6, 968-970 '61.

COLLOIDS—DIPOLE MOMENTS

Calculating ultimate shearing stress in suspensions with particles having a rigid dipole moment. M. P. Volarovich, A. M. Gutkin. Dokl. AN SSSR 143 no. 4 896-897 Ap '62.

COLLOIDS—ELECTRIC PROPERTIES

Effect of strong electric fields on the structure of non-aqueous plastic dispersed systems. IU. F. Deinega, G. V. Vinogradov. Dokl. AN SSSR 143 no. 4:898-901 Ap '62.

COLOMBIA—AGRICULTURE

Some problems in the agriculture of Colombia. D. N. Lialikov. Uch. zap. MGPI 121, 50-86 '59.

COLON—ULCERS

Penetration of a peptic ulcer in an anastomosis into the transverse colon. E. M. Muradinov. Kaz. med. zhur. no. 1:88 Ja-F '62.

COLOR BLINDNESS

Determining spectrum sensitivity curves of the ocular receptors in anomalous trichromats. N. V. Lobanova, N. I. Speranskaia. Biofizika 6 no. 5:596-604 '61.

COLOR IN THE TEXTILE INDUSTRIES

Applying the phenomenon of color permanence in pattern coloration of fabrics. I. V. Val'kovskaia. Izv. vys. ucheb. zav., tekh. tekst. prom. no. 1 171-175 '62.

Improving the coloration of fabrics. E. T. Kontsevaia. Tekst. prom. 22 no. 3 73-74 Mr '62.

COLOR OF FISHES

Pigmentary reaction of cod to homogeneous and heterogeneous background. A. D. Chmarina. Trudy MMBI no. 3 97-101 '61.

COLOR PHOTOGRAPHY

Karpavicius, P. [Practical guide to color photography] Spalvotosios fotografijos praktika. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 235 p. [In Lithuanian]

COLOR PHOTOGRAPHY—DEVELOPING AND DEVELOPERS

Studying the development of the negative color film in developers with various pH. A. Vzhesinskii, N. I. Kirillov. Zhur. nauch. i prikl. fot. i kin. 7 no. 1 5-19 Ja-F '62.

COLOR PRINTING

Reproduction of illustrations with a reduced color scale. S. A. Dalmatova, F. I. Gut, V. V. Balashova. Poligr. proizv. no. 2:18-19 F '62.

COLOR SENSE

Landis experiments with dichromatic projection. G. N. Rautian. Trudy Len. ob-va est. 72 no. 1 148-150 '61.

COLORED GLASS see Glass, Colored

COLORIMETERS

Device for automatic determination of the color of petroleum products in a flow. N. IA. Epshtein, A. IA. Shapiro. Avtom. i prib. no. 1 48-51 Ja-Mr '62.

COLORIMETRY

New colorimetric method for determining reducing sugars. P. S. Fedorov. Trudy KirgNIIZ no. 3, 64-67 '60.

Peshkova, V. M., and M. I. Gromova. [Practical manual on speck ophotometry and colorimetry] Prakticheskoe rukovodstvo po spektrofotometrii i kolorimetrii. [Moskva] Izd-vo Mosk. univ., 1961. 172 p.

Visual colorimetry of the solar corona during the eclipse of February 15, 1961. V. V. Sharonov. Astron. tsir. no. 223 1-7 Jl '61.

COLUMBIUM—ISOTOPES

Appearance of rat mammary gland tumors after the parental administration of niobium-95 [with summary in English]. V. I. Ponomar'kov. Biul. eksp. biol. i med. 52 no. 11:102-106 N '61.

COMBINES (AGRICULTURAL MACHINERY)

Concerning the motion of a particle of a pile along the surface of a sieve. Sia Lin'-khua. [Hsiao Lin-hua]. Dop. UASHN 3 no. 2, 54-58 Mr-Ap '60.

The SK-4 self-propelled combine and its modifications. L. N. Anashkina. Biul. tekh. -ekon. inform. no. 2:55-58 '62.

COMBINES (AGRICULTURAL MACHINERY)—MAINTENANCE AND REPAIR

Russia (1917- R. S. F. S. R.) Ministerstvo sel'skogo khoziaistva. Upravlenie organizatsii truda i zarabotnoi platy. [Collection of consolidated approximate time norms for the repairing of agricultural equipment] Sbornik ukrupnennykh primernykh normativov vremeni na remont sel'skokhoziaistvennoi tekhniki. Moskva, Izd-vo M-va sel'. khoz. RSFSR.

Pt. 1. [Tractors, combines and motortrucks] Traktory, kombainy i avtomobili. 1960. 195 p.

COMBUSTION

Aerodynamic study of the combustion chamber of a furnace with checkerwork [with summary in English]. V. P. Popov. Inzh. -fiz. zhur. 5 no. 3:39-44 Mr '62.

Method and results of a study of the kinetic characteristics of the combustion of powdered fuel in a flow [with summary in English]. L. N. Khitrin, M. B. Ravich, L. L. Kotova. Inzh. -fiz. zhur. 5 no. 1 7-12 Ja '62.

Study of the upper limit of combustibility of hydrocarbon gases as affected by changes in pressure [with summary in English]. N. Andrash. Inzh. -fiz. zhur. 5 no. 1 27-32 Ja '62.

Velocity of the passage of a laminar flame in heated methane-oxygen mixtures [with summary in English]. F. B. Moin, V. U. Shevchuk. Inzh. -fiz. zhur. 5 no. 3: 10-14 Mr '62.

COMENIUS, JOHANN AMOS, 1592-1670

J. A. Comenius, the great educator. Sred. spets. obr. 9 no. 3 63 Mr '62.

COMETS

Possibility of the existence of a ring of comets and meteorites around Jupiter [with summary in English]. S. K. Vsekhsviatskii. Astron. zhur. 39 no. 2:290-302 Mr-Ap '62.

COMETS—1956

Spectrophotometry of the nucleus of Arend-Roland's comet (1956 h) [with summary in English]. M. V. Dobitsin, V. I. Makarov. Biul. Abast. astrofiz. obser. no. 30 81-87 '61.

COMETS—1957

Photographic photometry of the tail of Mrkos' comet (1957 d). P. Egibekov. Biul. Inst. astrofiz. AN Tadzh. SSR no. 30, 8-12 '61.

COMETS—1957—SPECTRA

Spectrum of Mrkos' comet (1957 d). O. V. Dobrovol'skii. Biul. Inst. astrofiz. AN Tadzh. SSR no. 30, 3-7 '61.

COMETS—1960

Photometric observations of Encke-Backlund's comet (1960 i) in Stalinabad. A. M. Bakarev. Astron. tsir. no. 223 3-4 Jl '61.

COMMERCE

Social and economic nature of the world market. V. Sergeev. Nauch. dokl. vys. shkoly; ekon. nauki 5 no. 1, 66-76 '62.

Soviet commerce during the large-scale building of communism. G. Dikhtiar. Kommunist 39 no. 7-11-52 My '62.

COMMERCIAL AERONAUTICS see Aeronautics, Commercial

COMMERCIAL AGENTS

Granting the right to sign foreign trade transactions. Vnesh. torg. 42 no. 3 45-46 '62.

COMMERCIAL PRODUCTS

[New consumer goods, information bulletin] Nov. tor., inform. biul. no. 3 '62.

COMMERCIAL VEHICLES

Commerce should have specialized automobiles. A. Akhmedov, N. Makarov. Sov. torg. 35 no. 3:50-51 Mr '62.

COMMUNICABLE DISEASES

Brief news. V. I. Vashkov. Zhur. mikrobiol., epid. i immun. 33 no. 1:154-155 Ja '62.

Necessity for the principles of oxygen therapy in infectious diseases. V. M. Leonov. Terapevtich. 34 no. 2 101-105 '62.

Occupational nature of certain infections with natural endemic areas [with summary in English]. K. N. Tokarevich. Gig. truda i prof. zab. 4 no. 12 3-7 D '60.

"Side-effects of the antibiotic treatment of bacterial infections" by A. M. Kharitonova. Reviewed by G. V. Vygodchikov. Zhur. mikrobiol., epid. i immun. 33 no. 2 147-149 F '62.

Significance of A. D. Speranskii's ideas and studies in infectious pathology and immunology. D. F. Pletnyi. Zhur. mikrobiol., epid. i immun. 33 no. 1:6-12 Ja '62.

COMMUNICABLE DISEASES—BIBLIOGRAPHY see Bibliography—Communicable diseases

COMMUNICABLE DISEASES—CONGRESSES

First All-Union Congress of Epidemiologists, Microbiologists and Specialists in Infectious Diseases (May 23-29, 1961 in Kazan). I. Z. Mukhutdinov. Kaz. med. zhur. no. 5:90-92 S-O '61.

Second All-Union Conference on Lowering the Incidence of and Eliminating Infectious Diseases. N. I. Koreev, S. IA. Badakov. Zdrav. Kazakh. 21 no. 12, 50-61 '61.

COMMUNICABLE DISEASES—PREVENTION

Prevention of infectious diseases in children, materials for public discussion. N. A. Kosarikhina. Pediat. i akush. 27 no. 2, 44-46 F '62.

Principal and organizational problems in eliminating infection. Sh. D. Moshkovskii. Zhur. mikrobiol., epid. i immun. 33 no. 2 130-136 F '62.

[Protect children from infectious diseases] Beregite detei ot zaraznykh zabolevanii. Moskva, Medgiz, 1961. 174 p. (Nauchno-populiarnaia meditsinskaia literatura) (DNLM)

COMMUNICABLE DISEASES—STUDY AND TEACHING

Organizing the teaching of infectious diseases in medical institutes. E. P. Uzhinova, V. M. Sukharev. Zhur. mikrobiol., epid. i immun. 33 no. 2, 128-129 F '62.

COMMUNICATION

With a speed of light. H. Sinchenko. Nauka i zhyttia 11 no. 2 1-3 F '62.

COMMUNICATION AND TRAFFIC

The output of the communication organizations. I. Fel'dman. Vest. stat. no. 4:80-81 '62.

COMMUNICATION THEORY see Information theory

COMMUNICATIONS, MILITARY

Communication in a rifle company. G. Bykov. Voen vest. 41 no 2:32-33 F '62

Communications center in winter. N Sterkov. Voen vest 41 no 12 93-95 D '61.

Concentrate attention on the main thing. Vest protivovozd. oborony no 12 60-62 D '61

Organization of communications. V. Derlugin. Voen. vest. 11 no. 12 11-13 D '61.

Signalmen must have a sound knowledge of electric engineering. N Khoroshilov. Voen vest 41 no 2,93-95 F '62.

Take into account the characteristics of winter. V Lisdov. Voen. vest. 11 no 2 92-93 F '62

COMMUNISM
(see also subdivision under Poland)

Along Lenin's road. Komm Vooruzh sil 2 no 7 3-9 Ap '62.

Anticommunism as the main ideological and political weapon of imperialism. E. Modzhinskaia. Polit. samoobr. 6 no. 3 37-47 Mr '62

Basic laws of the transition from socialism to communism. I. Blinder. Komm. Uz 34 no. 2 78-85 F '62.

Communism and man. A. Mogilev. V mire knig 2 no 3, 9 Mr '62.

"Communism" [in English] by Alfred G. Meyer. Reviewed by N. Kostin. Mir ekon. i mezhdunar otn no 4:151-154 Ap '62.

The "Communist manifesto" of our time, foreign comments on the new program of the CPSU. Nov i noveish ist. no. 6 3-8 '61.

Dogmatism and creative Marxism. Nikolai Ilibadzhakov. Polit. samoobr. 6 no 4 71-81 Mr '62.

Economic and technical foundation of communism and the general features of its establishment [with summary in English]. V. A. Vorotilov. Vest LGU no 5:5-14 '62.

Engineering cybernetics. Avtom. i telem. 23 no. 3: 273-278 Mr '62.

For the realization of the decisions of the 22d Congress of the CPUS. Zdrav Kazakh. 22 no 1 3-7 '62.

From socialist state to communist self-government. N. Zhuravlev, A. Sushkova. Komm Mold 7 no 2 47-56 F '62.

From the dream of communism to a program for its realization [with summary in English, p 174]. V P. Volgin. Nov. i noveish. ist. no. 6 9-16 '61.

From the state of the dictatorship of the proletariat to a state which belongs to all the people. A Hovin. Kommunist 38 no. 5 20-30 Mr '62.

Great program for the building of communism. I. N. IUdin. Kaz med zhur no 5:5-8 S-O '61

Hello, man of the future! N. Kambulov. Sov voin 44 no. 5, 1 Mr '62.

The ideas of Lenin show us the path toward communism. Komm Ukr. 37 no. 3 69-77 Mr '62

In a joint family to a united goal. Uzbekiston 21 no 1 3 Ja '62.

In Lenin's direction. L. Nikitin. V mire knig 2 no. 3 2-3 Mr '62

Labutin, A. I. [International responsibility of the Soviet people] Internatsional'nyi dolg sovetskogo naroda. Leningrad, Ob-vo po rasprostraneniiu polit. i nauch. znanii RSFSR, 1961. 60 p.

The Lenin course to communism. Zhur. mikrobiol., epid. i immun. 33 no. 1:3-5 Ja '62.

Leninism and the present-day world. M. Marinin. Mir. ekon. i mezhdunar. otn. no 4:3-20 Ap '62.

Let us realize the decisions of the 22d Congress of the CPSU. Mikrobiologiia 31 no 1 3-4 Ja-F '62

Make every effort to carry out the fourth year of the seven year plan. N M. Semenov. Avtom. telem i sviaz' 6 no. 2, 1-3 F '62

Material and technical foundation of communism. S. Man'kov. Nauch. dokl. vys. shkoly; ekon. nauki 5 no. 1:3-11 '62.

[illegible]

1960. 373 p.
(WU)

Moscow. Akademiia obshchestvennykh nauk. [Program for studying the materials of the 22d Congress of the CPSU; for groups studying the theory of the foreign policy and international situation of the U.S.S.R. socialist building in the people's democracies, and the world liberation movement] Programa PSKP XXII kongresa materialu studesanai, PSRS arpolitikas un starptautiska stavokla, lautas demokratijas valstu socialistiskas celtniecibas, pasaules atbrivosanas kustibas studesanas teoretiskajiem seminariem. Riga, Latvijas Valsts izdevnieciba, 1961. 10 p. [In Latvian]

Problem of prevention under the conditions of the extensive building of a communist society. M. I. Barsukov. Sov. zdrav. 21 no. 3:7-11 '62

Problems confronting the Department of Technical Sciences as viewed in the light of the decisions of the 22d Congress of the CPSU. A. A Blagonravov. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom no. 1 3-15 Ja-F '62.

Problems in hygiene in the light of the resolutions of the 22d Congress of the CPSU. D. E. Kaliuzhnyi. Sov zdrav. 21 no 3 21-27 '62

Program of communism and the books on science. M Vasiliev. V mire knig 2 no 3 11-13 Mr '62

Program of the CPSU and problems in dispensary care. L. G Lekarev. Sov zdrav. 21 no 3 11-14 '62

Program of the CPSU and some features of the development of the objective world [with summary in English] V. I. Sviderskii. Vest LGU no 5,60-71 '62

Program of the CPSU and the tasks of the departments of social sciences in developing economic research. K Plotnikov. Vop ekon. no 3,98-107 Mr '62

The program of the CPSU is a new bright chapter in the development of the theory of scientifically based communism. S. A Tedtkin. Vest AN kazakh SSR 18 no 3:3-13 Mr '62

A relay of generations. P Voevodin. Mol komm no 1 6-7 Ap '62

Shendrik, M. P. [Historical role of the dictatorship of the proletariat] Istoricheskaia rol' diktatury proletariata. Moskva, Izd-vo "Znanie," 1962. 46 p. (Novoe v zhizni, nauke, tekhnike. II Seriia: Filosofiia)

Smirnov, G. L. [Everybody must help build communism] Kommunizm - delo kazhdogo. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 63 p.

Soveshchanie predstavitelei kommunisticheskikh i rabochikh partii, Moscow, 1960. [Documents of the Conference of the Representatives of Communist and Workers' Parties in Moscow, November 1960] Dokumenty. Moskva, Gos. izd-vo polit. lit-ry, 1960. 63 p. (Bibliotechka po nauchnomu sotsializmu)

Spiritual poverty of the critics of Leninism. G Zhukov, V. Shishkin. Kommunist 39 no 7 97-104 My '62

State and communism. A Tarasov. Komm Ukr 37 no. 2 11-18 F '62

The struggle for peace, socialism, freedom, and national independence. Komm Vooruzh sil 2 no 7 42-46 Ap '62

Transition from distribution according to work to distribution according to need and the training of workers. N Fiapkin. Otv. na vop. rab no. 10 53-58 '61

Triumph of Leninism. Kommunist 38 no. 5 3-12 Mr '62.

Twenty-second Congress of the CPSU, a congress of the builders of communism. V. V Zalesskaia. Zdrav. Kazakh. 21 no 12 3-7 '61

We are taking quick advantage of new technological developments. V S Gavrilov. Avtom. telem i sviaz' 6 no. 1 1-4 Ja '62

Work of the Faculty of Philosophy of Leningrad University. G. T. Kushkov. Vest LGU no 5 157-158 '62

COMMUNISM AND ART

[Literature and art; a collection of documents] O literature i iskusstve, sbornik dokumentov. Izd. 2., dop. [Sost. M. V. Kolindich] Moskva, Sovetskaia Rossiia, 1960. 180 p.
(NNC)

Objectives of ideological work in the light of the decisions of the 22d Congress of the CPSU. A Skaba. Komm Ukr. 37 no. 3 10-22 Mr '62

The party inspires us. D. Shostakovich. Sov. muz. 26 no 3:3-15 Mr '62.

With thoughts on the future. S Gerasimov. Iskusstvo 25 no 2 2-7 '62

COMMUNISM AND LITERATURE

I'm going to talk about poetry. Il'ia Sel'vinskii. Vop. lit. 6 no.1:9-14 Ja '62.

An intellectual hero is needed. Gennadii Gor. Vop. lit. 6 no.1,19-21 Ja '62.

[Literature and art; a collection of documents] O literature i iskusstve, sbornik dokumentov. Izd. 2., dop. [Sost. M. V. Kolindich] Moskva, Sovetskaia Rossiia, 1960. 180 p.
(NNC)

Source for creativity is the life of the people. Alekseĭ Surkov. Vop. lit. 6 no.1,3-5 Ja '62.

To reflect the wealth of reality! V. Shcherbina. Vop. lit. 6 no.1:25-42 Ja '62.

To serve truth. Gasan Seidbelli. Vop. lit. 6 no.1 14-19 Ja '62.

With concern for the development of art. Viktor Pertsov. Vop. lit. 6 no.1:5-9 Ja '62.

COMMUNISM AND RELIGION

Krianev, IU. V. [Contrast of Christian ideology with scientific communism] Protivopolozhnost' khristianskoi ideologii i nauchnogo kommunizma. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 173 p.

COMMUNIST COUNTRIES

The world socialist system is a new form of mutual relations of different states. Ch. Abutalipov, Komm. Uz. 34 no 1:55-67 Ja '62.

COMMUNIST COUNTRIES—CONSTITUTIONAL LAW

The constitutional law of socialist countries. V. F. Kotok. Izv. vys. ucheb. zav.; prav 6 no. 1 41-52 '62.

"Constitutional law of the people's democracies." Reviewed by N. M. Minasian, B N. Gabrichidze, N. S. Lazareva. Izv. vys. ucheb. zav., prav. 6 no 1 161-165 '62.

COMMUNIST COUNTRIES—DEFENSES

Shoulder to shoulder. Komm Vooruzh Sil 2 no. 6 93 Mr '62

COMMUNIST COUNTRIES—DIVISION OF LABOR

Denisov, IA. A. [International socialist division of labor] Mezhdunarodnoe sotsialisticheskoe razdelenie truda. Leningrad, Ob-vo po rasprostraneniiu polit. i nauchnykh znanii RSFSR, 1962. 60 p.

International socialist division of labor at the present-day stage. V. Suprun. Ekon. Rad. Ukr no. 1 54-60 Ja-F '62

COMMUNIST COUNTRIES—ECONOMIC CONDITIONS

Laws of the economic development of the world system of socialism. IU. Beliaev, L. Semenova. Polit. samoobr. 6 no. 3 136-141 Mr '62.

The system of socialist states should become a decisive factor in the development of mankind. L. Tolkunov. Kommunist 39 no 6 38-49 Ap '62

COMMUNIST COUNTRIES—FOREIGN ECONOMIC RELATIONS

Zhurba, S. I. [Fraternal cooperation] Braters'ke spivrobitnytstvo. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1961. 102 p

COMMUNIST COUNTRIES—FOREIGN ECONOMIC RELATIONS—RUSSIA

Close cooperation of socialist countries. IU. Popov. Komm Vooruzh Sil 2 no 2,10-18 Ja '62

COMMUNIST COUNTRIES—FOREIGN RELATIONS

Kapchenko, N. I. [Foreign policy of socialist countries is the policy of peace] Vneshniaia politika sotsialisticheskikh stran - politika mira. Moskva, Izd-vo In-ta mezhdunarodnykh otnoshenii, 1961. 119 p.

COMMUNIST COUNTRIES—INDUSTRIES

"Socialist industrialization of the people's democracies." Reviewed by IU. Beliaev. Vop ekon no 3 131-135 Mr '62.

COMMUNIST EDUCATION
(see also subdivision under Moldavia)

"About a perfectly happy life" by Lev Kassil'. Book review. Kul't.-pros rab 23 no. 3 38 Mr '62

Acquainting general school students with the resolutions of the 22d Congress, the program and the statute of the CPSU. Fiz. v shkole 22 no. 1:28-32 Ja-F '62.

Be devoted to the cause of communism and love your socialist homeland and other socialist countries to your last breath. Komm Vooruzh Sil 2 no. 6 71-77 Mr '62

Communist education of university students. V Elconskii. Mol komm no 3 68-74 Mr '62

Current admission of students to the School of Higher Party Education attached to the Central Committee of the CPSU. Kommunist 39 no. 6 128 Ap '62

Discussing the work of a seminar. G Eliguashvili and others. Polit. samoobr. 6 no. 3 101-123 Mr '62.

Formation of the new man is the practical objectives of the building of communism. Komm. Vooruzh Sil 2 no 2:75-82 Ja '62.

How a village can reach communism. G Demidenko, E Snegareva. Klub 11 no 2 9 F '62.

How to conduct a seminar on the topic "CPSU in the period of the large scale building of communism." M. Shatalin. Komm Vooruzh. Sil 2 no 6:61-66 Mr '62

How to win the hearts of young people. IU. Kharlamov. Mol komm no 4:112-118 Ap '62.

Interpretation of the CPSU program in physics, astronomy and electrical engineering lessons. L. I Zakharov. Fiz. v shkole 22 no. 1 80-82 Ja-F '62.

Let's arm our students with Marxist-Leninist knowledge. Sred. spets. obr. 9 no. 3 1-3 Mr '62.

Let's efficiently complete the academic year in the schools of party education. Part zhizn' no. 6:38-39 Ap '62

Let's help children to find communist traits in our life. E. A. Adamovich, V. I. IAkovleva. Nach. shkola 30 no. 4 31-36 Ap '62.

Moscow. Akademiia obshchestvennykh nauk. [Program for studying the materials of the 22d Congress of the CPSU; for political schools and groups which study U.S.S.R. history, basic principles of Marxism-Leninism and current politics] Programma PSKP XXII kongresa materialu studesanai; politiskajam skolam un pulciniem, kas stude PSKP vesturi, marksisma-leninisma pamatus un aktualo politiku. Riga, Latvijas Valsts izdevnieciba, 1962. 30 p. [In Latvian]

Noble duty, notes of a propagandist. V. Rubanovskii. Komsom zhizn' no 7:25-28 Ap '62

On the examples of surrounding reality. S.S. Krupal'nik. Sred. spets. obr. 9 no. 3:21-24 Mr '62.

Participation in the building of communism is the great privilege of Soviet youth. L Karpinskii. Kommunist 39 no 6 50-59 Ap '62

Party tasks in the field of ideology, education, training, science and culture. G A Borodach. Sred. spets. obr. 9 no. 3 12-47 Mr '62.

Question of war and peace is the basic problem of our day. Komm Ukr. 37 no. 2 82-87 F '62

COMMUNIST EDUCATION (Continued)

Schools and the study of decisions of the 22d Congress, the program, and statutes of the CPSU. Shkola i proizv 6 no.1 3-6 Ja '62.

Studying the great program of the development of communism in the process of teaching physics. A L Pogorov Fiz. v shkole 22 no 1 32-36 Ja-F '62

Studying the work of brigades of communist labor is an important means of student training. T. S Pchel'nikov Shkola i proizv. 6 no.1 12-14 Ja '62.

Talking to students on the program of CPSU I Zuikov Komsom zhizn' no 4 27-28 F '62

COMMUNIST EDUCATION—BIBLIOGRAPHY see Bibliography—Communist education

COMMUNIST EDUCATION—CONGRESSES

Conference on the theory and practice of teachers of the capital Nach shkola 20 no 4 92 Ap '62

COMMUNIST ETHICS
(see also subdivision under Georgia)

Diploma of communist maturity. V Prokof'ev. Znamia 37 no.2 186-7 F '62.

Friendly relations and mutual respect Part zhizn' no 8 57-63 Ap '62

Human life is the most important matter Viktor Rogov Mol komm no 3 59-64 Mr '62

Man is man's friend, comrade and brother B Sukhorukov Sots kul't no 2 38-39 F '62.

Moral code of a builder of communism K Limpol'skii Komm Ukr 37 no 2 29-38 F '62

A train goes to the East A Ilyekhovskaia and others Mol komm no 3 27-40 Mr '62

True stories. N. Shilin Sov.voin 41 no 7 32-33 Ap '62.

Utkin, S.S. [Principles of Marxist-Leninist ethics, a course of lectures] Osnovy marksistsko-leninskoi etiki, kurs lektsii. [Rostov-na-Donu] 1961. 238 p (CU)

COMMUNIST PARTIES

Faktorovich, D E , and B. P. Mitskevich. [History of the press of foreign Communist and labor parties] Istoriia pechati zarubezhnykh Kommunisticheskikh i rabochikh partii, uchebnoe posobie Minsk, Izd-vo Belgosuniv , 1960. 94 p
(WU)

"Labor movement in capitalist countries, 1959-1961." Reviewed by V Kortunov, V Granov. Kommunist 38 no 5 120-124 Mr '62

Let's indefatigably strengthen the unity of action of the working class S. Zverev, M Tomashev. Komm Ukr 37 no 2 19-28 F '62

"The workers' movement in capitalist countries, 1959-1961." Reviewed by A Morozov Nar. Azii i Afr no 1:198-200 '62.

COMMUNIST PARTY see subdivision under Brazil, Canada; China, France, Germany, East; Great Britain, Hungary, Poland, United States, Uruguay, Vietnam

COMMUNIST PARTY OF THE SOVIET UNION
(see also subdivision under Armenia, Latvia, Lithuania; Moscow; Ukraine)

The CPSU during the large-scale building of communism Komm Ukr 37 no 3 78-83 Mr '62

Chernomorskii, M. N. [How to use memoirs in studying the history of the CPSU] Rabota s memuarami pri izuchenii istorii KPSS, Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 133 p.

Course of lectures on the history of the CPSU N I Matiushkin, A I Mitovitskii Vest. vys shkoly 20 no 2 88-94 F '62

Development of historical science in the light of the new program of the CPSU. K E. Zhitov Obshchestv. nauki v Uz 6 no 1 11-17 '62

The greatest documents of our era Polit. samoobr. 6 no 3,8-16 Mr '62.

How to prepare the proceedings of party meetings. Komm Vooruzh. sil 2 no 7 86-87 Ap '62.

Kozlov, V. K. [Triumph of the Lenin nationalities policy of the CPSU] Torzhestvo leninskoi natsional'noi politiki KPSS. Moskva, Gos izd-vo polit. lit-ry, 1960. 94 p

Leninist rules of party life are the best example for the Communist Youth League I. Klichenko Mol komm no 4:13-23 Ap '62

Nauchnaia konferentsiia po voprosam istorii KPSS perioda Velikoi Otechestvennoi voiny, Kiev, 1960. [Materials relating to the history of the CPSU during the Great Patriotic War] Voprosy istorii KPSS perioda Velikoi Otechestvennoi voiny; materialy. [Kiev] Izd-vo Kievskogo univ., 1961. 311 p.

Poliansk'kyi, D. S. [A speech at the 22d Congress of the CPSU, October 25, 1961] Promova na XXII z'izdi KPRS, 23 zhovtnia 1961 roku. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1961 16 p.

Program of the CPSU and the tasks of the departments concerning the development of research in philosophy P N. Fedoseev. Vest vys. shkoly 20 no 2:49-56 F '62

Program of the CPSU and the tasks of the departments in the development of economic research. K. N Plotnikov Vest vys shkoly 20 no. 2:41-49 F '62.

Russia (1923- U. S. S. R.) Upravlenie prepodavaniia obshchestvennykh nauk. [Materials for the lecture course on the history of the CPSU, themes 8, 9, and 10] Materialy k lektsiiam po kursu istorii KPSS, temy VIII, IX, X Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 265 p.

Vasina, E. L. [Origin of our party] Kak vozniklа nasha partiia. Moskva, Izd-vo "Znanie," 1961. 39 p (Narodnyi universitet kul'tury Obshchestvenno-politicheskii fakul'tet, no 16)

COMMUNIST PARTY OF THE SOVIET UNION—BIBLIOGRAPHY see Bibliography—Communist Party of the Sovie Union

COMMUNIST PARTY OF THE SOVIET UNION—CONGRESSES

Communism will become a reality I Golokolenko and others Voen vest. 41 no 12 8-18 D '61.

The communist manifesto of our era Zhur nauch.i prikl fot.i kin 7 no 1 3-1 Ja-F '62.

The decisions of the 22d Congress of the CPSU are a banner in the struggle for communism Voen vest 41 no 12-3-7 D '61

Eleventh Congress of the Party. D Kukin Kommunist 38 no. 5 43-49 Mr '62

Fifteen days which shook the world. A. Shevchenko. Sov. Ukr 12 no 1 7-10 Ja '62

Granov, V. D. [A congress of peace and creative plans] S"ezd mira i sozidaniia. Moskva, Izd-vo "Znanie," 1962. 45 p. (Novoe v zhizni, nauke, tekhnike. Serila 7 Mezhdunarodnaia, no. 2)

Inspiring ideas H. Tsedenbal. Nar Azii i Afri. no. 1: 3-5 '62

Kommunisticheskaia partii Sovetskogo Soiuza. 22 s"ezd, Moscow, 1961. [The 22d Congress of the Communist Party of the Soviet Union, Moscow, 1961. Verbatim report] Stenograficheskii otchet. Moskva, Gos. izd-vo polit. lit-ry.
Vol. 3. 1962. 592 p.

Put into practice the resolutions of the 22d Congress of the CPSU Kooh.-obuv. prom. 1 no. 1 1-3 Ja '62.

Rihters, A. [How we prepare for the 22d Congress of the CPSU, achievements on the "Burtnieki" State Farm] PSKP XXII kongresu sagaidot, padomju saimniecibas "Burtnieki" sasniegumi. Riga, Latvijas Valsts izdevnieciba, 1961. 57 p. [In Latvian]
(DA)

Sosnov, V. A. [Twenty-Second Congress of the CPSU on the present international situation. Translated by J. Levitans] PSKP XXII kongress par musdienu starptautisko stavokli, Riga, Latvijas Valsts izdevnieciba, 1962 29 p. [In Latvian]

The 22d Congress of the CPSU and the tasks of the departments in the development of research on the history of the CPSU P N Pospelov. Vest vys shkoly 20 no 2 35-41 F '62

Welcome to the morning of a new epoch. Pavlo Tychina Sov. Ukr. 12 no 1:3-6 Ja '62

COMMUNIST PARTY OF THE SOVIET UNION—MEMBERSHIP

Give unremitting attention to the admission of new party members A Khotochkin Komm Vooruzh sil 2 no 7 29-34 Ap '62.

A place where party members do not adhere to principles M Ivanov, Part. zhizn' no. 8:54-56 Ap '62

Recommendations for the admission to CPSU Komm Vooruzh Sil 2 no. 6 80-83 Mr '62

Today they admit him into the party and tomorrow they reject him N. Maksimov. Part zhizn' no. 8:53-54 Ap '62

COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK
(see also subdivision under Georgia; Moldavia, Moscow; Poltava Province, Riga; Ukraine)

At the forefront P Shelest Kommunist 39 no 6 60-68 Ap '62

Brief news on party work Komm Vooruzh. Sil 2 no 6: 94-96 Mr '62

CPSU in the period of the large-scale building of communism Polit. samoobr. 6 no. 3:60-70 Mr '62.

Chernlavskii, K. S. [The party bureau; an organ of collective leadership] Partiburo, organ kollektivnogo rukovodstva. [Leningrad] Lenizdat, 1960. 40 p. (Bibliotechka sekretaria partiinoi organizatsii)
(NNC)

A city party committee and Soviet schools. P. Gordeev, V. Davydov. Part. zhizn' no 8:25-30 Ap '62

Communists are in front. A. Rytov. Av. i kosm. 44 no. 2:7-12 '62

Community participation in ideological work. Polit. samoobr. 6 no 3,3-7 Mr '62.

District party committee and the district council of the scientific and technological society. Dubrovskii Mashinostroitel' no 3:6 Mr '62.

From the history of the struggle of the Communist Party for the liberation of women in the Kara-Kalpak A. S. S. R. Z. M Bikkulova. Obshchestv nauki v Uz. 6 no 1.27-33 '62.

From the pages of the local press. Polit. samoobr. 6 no. 3 133-135 Mr '62.

"Generosity" at the expense of the Soviet state. B. Abramov Part zhizn' no 8:52-53 Ap '62.

How the Leningrad City Committee of the C. P. S. U guides the party organizations of research institutions Part zhizn' no 8 31-35 Ap '62.

How to prepare the party documents of the Communists who have changed their first and last names. Komm Vooruzh Sil 2 no 2:87 Ja '62.

How to sum up a report Komm. Vooruzh. Sil 2 no 21 85-86 Ja '62.

Ideological commissions of the party committees D Zemlianskii, S Mezentsev Kommunist 38 no 7 78-84 My '62.

Ideological "screws." M. Barannikov Sov. shkola 24 no 4:98 Ap '62

Lenin, V. I. [Lenin on propaganda] Lenin o propagande i agitatsii. Izd 2 Moskva, Gos izd-vo polit lit-ry, 1962 420 p.

The letter and the spirit V. Rozvadovskii Part. zhizn' no. 6:50-52 Ap '62

Let's thoroughly study the materials of the party congress and diversify the methods of ideological work, a reader of letters to the editor Part zhizn' no. 7:14-16 Ap '62

Nikitin, I. V. [Political work among workers at their homes] Politicheskaia rabota sredi trudiashchikhsia po mestu zhitel'stva. [Moskva] Moskovskii rabochii, 1962. 46 p. (Bibliotechka partiinogo rabotnika)
(NNC)

[Notebook of a propagandist] Zapysna knyzhka propagandysta i agitatora. Kyiv, Derzh. vyd-vo polit lit-ry URSR, 1961. 477 p.

Our visual propaganda has become effective and graphic A. Zaslavskii, I. Teleshev Part zhizn' no 7 46-49 Ap '62.

Party news. Part. zhizn' no 7:79-80 Ap '62.

Party news. Part zhizn' no 8,79-80 Ap '62

Party organizers of the central committees of the communist parties of the Union Republics and provincial, territory party committees in regional agricultural collective and state farm (state and collective farmers' administrations Part zhizn' no 8:35-37 Ap '62

Prokopenko, N. I. [CPSU in the struggle for perfecting the mass collective-farm movement, 1927-1929] KPSS bor'be za podgotovku massovogo kolkhoznogo dvizhenila, 1927-1929 gg [Moskva] Izd-vo Mosk. un-ta, 1961. 182 p.

"Reflections after the plenary session of a district party committee." Part. zhizn' no 7:70 Ap '62

"Regular" chairmen of party meetings. P. Dyma Part zhizn' no 7,53 Ap '62.

Reorganization of the administration of agriculture. Problems of party leadership Kommunist 38 no 5 3-7 Ap '62

Svechnikov, P. V. [Council on methods] Metodicheskii sovet. Moskva, Gos. izd-vo polit. lit-ry, 1961 94 p (Bibliotechka propagandista, no. 4)

Training the propagandists for teaching. A. Leshchiner. Polit. samoobr. 6 no. 1 92-100 Mr '62.

"Twenty-Second Congress of the CPSU and ideological work." Reviewed by F. Fedorov. Kommunist 38 no 5 117-120 Mr '62.

Voluntary participation in the work of party organs P. Pigalev. Kommunist 39 no 7:60-69 My '62

We rely upon the Soviet public P. Demichev. Part zhizn' no. 8:48-50 Ap '62.

COMMUNIST PARTY OF THE SOVIET UNION OFFICIALS see subdivision under Ukraine

COMMUNIST REVISIONISM

Mel'nikov, A. N., and F. Sh. Trotsyus. [V. I. Lenin's criticism of the revisionary "theories" of imperialism and their significance for the present time] Kritika V. I. Leninym revizionistskikh "teorii" imperializma i ee znachenie dlia sovremennosti. [Leningrad] Izd-vo Leningr. un-ta, 1962. 261 p.

Plane evolutionary concept in the service of reaction L E. Garber. Obshchestv. nauki v Uz. 6 no 1 47-54 '62.

COMMUNIST STATE

Against anticommunist theories of the state S I Tadevosian Sov. gos. i pravo 32 no. 3:98-107 Mr '62

Basic phases in the development of the Soviet socialist state. A. P. Kositsyn. Sov. gos. i pravo 32 no 3:24-32 Mr '62.

Dialectical development of the dictatorship of the proletariat and the definition of the socialist state. A I Korolev. Izv. vys. ucheb. zav. ,prav. 6 no. 1 11-21 '62

Role of the Soviet socialist state of the whole people in the building of communism. A. S. Fedoseev. Sovetskoe pravo 32 no 4 29-36 Ap '62.

The Soviet socialita state belongs to all the people's Iunskii. Sov. deput. trud. no 3:12-16 Mr '62

COMMUNIST YOUTH LEAGUE
(see also subdivision under Israel; Kabardino-Balkar A.S.S.R., Kaunas; Kazakhstan; Kuybyshev; Magnitka, Orgeyev District; Semirech'ye; Ukraine; Vulcanesti)

[Aid to the activist of the Communist Youth League] pagalba komjaunimo aktyvistui. Vilnius, Valstybine politines ir moksliues literaturos leidykla, 1961. 54 p. [In Lithuanian]

Congress of the young builders of communism. Komm Vooruzh. Sil 2 no. 6:2-7 Mr '62.

COMMUNIST YOUTH LEAGUE (Continued)

Editor's mail Komsom. zhizn' no. 1 3-4, 7-9, 23 F '62

Exclamation mark begs to be included in the report. V. Razumnevich. Komsom. zhizn' no. 5 23-26 Mr '62.

From the pages of youth newspapers Komsom zhizn' no. 5 28-29 Mr '62.

[Immortality of youth (on the underground organizations of the Communist Youth League)] Bessmertie iunykh (o podpol'nykh komsomol'skikh organizatsiiakh; sbornik statei. Moskva, Pravda, 1960. 382 p. (MH)

Lenin would be glad if he could see you V Chachin, Mol komm. no 4 1-5 Ap '62

Lenin's Communist Youth League between the 13th and 14th Congresses. Komm Vooruzh Sil 2 no 6 50-53 Mr '62.

Let's encourage creative group participation E TSybul'skii and others Komm Vooruzh Sil 2 no. 6 40-45 Mr '62.

A man who followed the dictates of his heart, story of an unusual propagandist G Gusev. Komsom zhizn' no 7 29-30 Ap '62

[Our work in the Communist Youth League] Komsomol'skie nashi dela. Moskva, Izd-vo "Pravda," 1962. 78 p. (Biblioteka "Komsomol'skoi pravdy," no. 2)

[Problems of the Communist Youth League in the Soviet Army and Fleet] Voprosy komsomol'skoi raboty v Sovetskoi Armii i Flote. Sb. lspr. 1 dop. izd. Moskva, Voen. izd-vo M-va obor SSSR, 1961. 103 p. (Bibliotechka komsomol'skogo aktivista)

Procedure in the conferment of Communist Youth League cards and badges. Komm Vooruzh sil 2 no. 7 84-86 Ap '62

Questions and answers. Komsom zhizn' no. 5 27-28 Mr '62.

Right flank man. G. Gubanov. Sov. voin 44 no. 7 15 Ap '62.

Sailors are trained in naval work. V. Ushanov, I. Kopytov Komm Vooruzh Sil 2 no. 6 16-19 Mr '62

Search and findings. Komsom. zhizn' no. 4 31-32 F '62

Search and findings. Komsom. zhizn' no. 5 22, 27, 30 Mr '62.

They took the right direction A. Liakh. Komsom. zhizn' no. 5 8-11 Mr '62.

This province committee "is not informed" IU. Falatov Mol. komm no 3 46-52 Mr '62

Unforgettable pages I. Shilaeva Mol. komm. no. 4 25-31 Ap '62.

We decided to call ourselves the Communist Youth League, reminiscences of a delegate to the First Congress of the Communist Youth League A. Bezymenskii. Mol komm. no 1, 39-41 Ap '62

What can we learn from the results of report and election conferences. A Makridin. Komm. Vooruzh Sil 2 no 3:67-71 Ja '62.

Winged words, information on a conference held by the Central Committee of the All-Union Lenin Communist Youth League, new developments in the field of the political education of the Communist Youth Leaguers, experience in the propagation of the decisions of the 22d Congress of the CPSU, those who tell Soviet youth the great truth of our time. Komsom zhizn' no 7 2-24 Ap '62.

COMMUNIST YOUTH LEAGUE—BIBLIOGRAPHY see Bibliography—Communist Youth League

COMMUNISTS

Serebriakova, G. I. [Eternal light] Svet neugasimyi. Moskva, Gos. izd-vo polit. lit-ry, 1962. 30 p.

Skromanis, D. [RVR - a citadel of revolutionaries, history of the Riga Railroad Car Plant] RVR - revolucionaru cietoksnis; Rigas vagonu rupnicas vesture. Riga, Latvijas Valsts izdevnieciba, 1961. 186 p. [In Latvian]

COMMUNITY AND SCHOOL
(see also subdivision under Moscow; Zaporozh'ye Province)

"Satellites" get into orbit. I. Gel'miza. Sov. krasnokrest 11 no. 4-16 Jl-Ag '61.

With participation of the community. V. Kopyl'tseva, N. Makarovskaia, K. Poliakova. Doshk. vosp. 35 no. 4: 38-39 Ap '62.

COMMUNITY CENTERS
(see also subdivision under Kustanay Province; Leningrad; Lithuania; Lvov; Maloyaroslavets District; Obukhov District; Ozerki; Tosno District; Vologda Province; Zhitomir)

Aid for a club decorator. Klub 11 no. 2 37-38 F '62.

Club news Klub 11 no. 2, 33-36 F '62.

Independent activities are the basis for club work. G. Gershon. Sots kul't. no. 2 19-20 F '62.

Moscow, Leningrad, Kiev. Sov. knizh. torg. 14 no. 3 44-45 Mr '62.

Results of a club survey. A. Ovsiannikov. Sov. profsoiuzy 18 no 5:32-33 Mr '62.

COMMUNITY LIFE see subdivision under Kustanay; Nezhin; Penza Province; Rostov-on-Don; Volyn' Province

COMMUNITY ORGANIZATION

How the public representation councils of small city sections work with the public N K. Ponomarenko Sov gos i pravo 32 no 4 113-115 Ap '62.

COMMUTATION (ELECTRICITY)

School instrument for demonstrating the work principles of a collector. M S Zelikson. Fiz. v shkole 22 no 1 70-71 Ja-F '62

COMMUTATIVE GROUPS see Abelian groups

COMPENSATION, WORKMEN'S see Employers' liability

COMPETITION, INTERNATIONAL

A price war in the market of chemical products. S. Safronov. Mir. ekon. i mezhdunar. otn. no. 4:102-104 Ap '62

Some results of peaceful economic competition between the U. S. S. R. and the U. S. A. and prospects for its future development [with summary in English] S. D. Zak Vest LGU no 5 34-49 '62.

COMPLEMENT FIXATION

Diagnosis of Q fever using the complement fixation inhibition reaction [with summary in English] I. V. Tarusevich. Zhur. mikrobiol., epid i immun 33 no 2 92-96 F '62

Prognostic significance of complement titer in the blood serum in pyodermas V. S. Krylova Kaz. med. zhur. no. 5:74 S-O '61

COMPLEMENTS (IMMUNITY)

Materials for the study of the neural regulation of the complement function of the blood [with summary in English] V. I. Luk'ianenko. Biul. eksp. biol i med 52 no 11:92-94 N '61.

COMPLEX COMPOUNDS

Decreasing the deposit of Y^{91} and Ce^{144} in the body by using some complexing agents. N. O. Razumovskii, O. L. Tolchinskaia, V. S. Balabukha. Biofizika 6 no 5 610-611 '61.

Effect of complex formation on the cocrystallization coefficient. N. B. Mikheev, L. M Mikheeva Zhur. neorg khim 7 no 3 671-675 Mr '62

Objectives of Russian inorganic chemistry in connection with the decisions of the 22d Congress of the CPSU Catalysis and complex formation in inorganic chemistry K. B IAtsimirskii Zhur. neorg khim 7 no 2 225-226 F '62

Physicochemical analysis of equilibrium of complex formation in solutions A. K Babko Zhur neorg khim 7 no 3 454-462 Mr '62.

Sectioning of the constitution diagram of multicomponent systems according to apex indexes with complex formation between components N. S. Dombrovskaia, O. S Dombrovskaia Zhur neorg. khim 7 no 3, 650-652 Mr '62.

Spectroscopic method of investigating complex formation. G. K. Il'ich, V. S Rubanov. Dokl. AN BSSR 6 no. 3 150-153 Mr '62.

COMPLEX COMPOUNDS—OPTICAL PROPERTIES

Internal asymmetry in complex compounds Part 3 Effect on optical properties. I. B Berseker Zhur strukt khim 3 no 1 64-69 Ja-F '62

COMPLEX COMPOUNDS—SPECTRA

Investigation of the structure of certain inner-complex compounds by means of electron paramagnetic resonance. B. V. Lokshin and others. Dokl. AN SSSR 143 no. 4:867-870 Ap '62

Study of the ionic states in aqueous solutions of boron- and fluorine-containing compounds of potassium and sodium by means of infrared spectra M. V. Akhmanova, G E Kuril'chikova. Zhur. neorg. khim 7 no 3:516-521 Mr '62.

COMPLEX NUMBERS see Numbers, Complex

COMPLEXES

Affine-symmetric linear complexes. R. N. Shcherbakov. Sib. mat. zhur. 3 no. 1:138-155 Ja-F '62.

COMPOSITION (PRINTING) see Typesetting

COMPOST
(see also subdivision under Mogilev Province; Vietnam, North)

Organic-mineral fertilizers and composts. A. Georgiev. Zemledelie 24 no. 2:67-70 F '62.

COMPOUND E see Cortisone

COMPOUND OFFENSES

"Compound offenses according to Soviet criminal law" by A. M. IAkovlev. Reviewed by G. I. Bushuev. Sov. gos. i pravo 32 no. 3:164-165 Mr '62.

COMPRESSIBILITY

Shock adiabates and zero isotherms of seven metals at high pressures [with summary in English]. L. V. Al'tshuler, A. A. Bakanova, R. F. Trunin. Zhur. eksp. i teor. fiz. 42 no. 1:91-104 Ja '62.

COMPRESSIBILITY—MEASUREMENT

Equipment for determining the compressibility of liquids G. P. Shakhovskoi and others Prib i tekh. eksp. 7 no 1:181-183 Ja-F '62

COMPRESSORS

Electric indicator for the adjustment and checking of the performance of a piston expander. I B Danilov, V. P Andrianov Prib i tekh eksp 7 no 1 183-185 Ja-F '62

Main objectives of compressor machinery manufacture Khim. mash. no. 2 1-2 Mr-Ap '62

Preventing the breaking of valve diaphragms in the DAU-80 brand compressors installed on BMRT type boats Rech khoz 39 no 3 85 '62

COMPRESSORS—COOLING

Is there a need for compressor terminal coolers? A I Karabin Prom energ. 17 no 2:20-22 F '62.

COMPRESSORS—DESIGN AND CONSTRUCTION

Andreev, P. A. [Rotary screw compressors] Vintovye kompressornye mashiny. Leningrad, Gos. soiuznoe izd-vo sudostroit promyshl., 1961. 260 p.

COMPRESSORS—WELDING

Friction welding in the manufacture of turbocompressors. L. A. Shtern, E. S. Komarcheva, I. G. Val'ter. Svar proizv. no. 1 14-16 Ja '62.

COMPULSORY SCHOOL ATTENDANCE see Educational law and legislation

CONCENTRATION see Attention

CONCENTRATION CAMPS see subdivision under Lithuania

CONCRETE
(see also subdivision under Siberia, Western)

Akhverdov, I. N. [Highly durable concrete, experimental and theoretical studies in the technology of concrete] Vysokoprochnyi beton, eksperimental'nye i teoreticheskie issledovaniia po tekhnologii betona. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 164 p.

"Ash concrete" by A. T. Baranov, G. A. Buzhevich Reviewed by G. IA. Kunnos, B. IA Linderbert Bet i zhel.-bet. 8 no 3 139-140 Mr '62.

Intensification of vibration in cassette molds of the State Institute of Design and Planning for the Building Industry V. I. Soroker, D. S Mikhanovskii Bet i zhel.-bet 8 no 3 93-97 Mr '62

Phase conversions taking place during the production of agloporites. P. P. Budnikov, V. S. Gorshkov. Stroi mat. 8 no. 2, 36-38 F '62.

CONCRETE—CORROSION

Stability of calcareous-silicic materials in mineralized ground water. IU. M. Butt, K. Kunbaev Stroi mat. 8 no. 2:32-34 F '62.

CONCRETE—CURING

Migration of moisture in hardening concrete during heating. E. S. Veksler Bet. i zhel.-bet 8 no 3 118-120 Mr '62.

CONCRETE—TESTING

Device for testing samples of concrete and mortar for waterproofness G. P Bovin Bet i zhel.-bet 8 no 3 132-133 Mr '62

CONCRETE, AIR-ENTRAINED see Air-entrained concrete

CONCRETE, FROST RESISTANT

Frost resistance of concrete for sectional reinforced concrete shipbuilding. V. M. Medvedev, V. G. Batrakov Sudostroenie 28 no 2:56-57 F '62.

CONCRETE, LIGHTWEIGHT see Lightweight concrete

CONCRETE, PRECAST see Precast concrete

CONCRETE, PRESTRESSED see Prestressed concrete

CONCRETE, REINFORCED see Reinforced concrete

CONCRETE BRIDGES see Bridges, Concrete

CONCRETE CONSTRUCTION

Akademiia stroitel'stva i arkhitektury SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. [Temporary instructions for ensuring the solidity of outside walls in buildings using large concrete blocks] Vremennye ukazaniia po obespecheniiu monolitnosti stenovykh ograzhdenii v zdaniiakh iz krupnykh betonnykh blokov VU 5-61. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 39 p.

Amending the standard list of occupations for workers engaged in the production of reinforced concrete and concrete construction elements and structures and the wage payment procedure for workers in reinforced concrete plants operating under the wage system of enterprises producing reinforced concrete and concrete construction elements and structures. Biul. Gos. kom. po vop. truda i zar. platy no. 2 7 '62.

Construction of the top reinforced concrete slab of a coke-oven battery. IA. M. Gal'perin, A. V. Goliuk. Koks i khim. no. 2:19-23 '62.

Crack resistance of concrete used in making monolithic constructions. E. I. Shtil'man. Avt. dor. 25 no. 3: 18-20 Mr '62.

CONCRETE CONSTRUCTION (Continued)

[Durable pavement for airports] Zhestkie pokrytiia aerodromov. [By] B. S Raev-Bogoslovskii i dr. Moskva, Nauchno-tekhn izd-vo M-va avtomobil'nogo transporta i shosseinykh dorog RSFSR, 1961 321 p

Method for calculating the temperature field and the mean volume temperature in the laying of blocks in massive concrete structures [with summary in English] G. N Danilova, N A Buchko Inzh -fiz zhur 5 no 1 92-95 Ja '62

Rapid concreting of underground crushing machine foundations E T Andreev and others. Shakht stroi. 6 no. 3 20-23 Mr '62

CONCRETE CONSTRUCTION—CORROSION

Tikhonov, M. K. [Corrosion and the protection of concrete and reinforced-concrete hydraulic structures] Korroziia i zashchita morskikh sooruzhenii iz betona i zhelezobetona Moskva, Izd-vo Akad. nauk SSSR, 1962. 119 p.

CONCRETE CONSTRUCTION—SAFETY MEASURES

Vostrov, V. M. [Safety regulations for concrete workers] Pamiatka po tekhnike bezopasnosti dlia betonshchika. Izd. 2., ispr. Moskva, Gos. izd-vo lit-ry po stroit. arkhit. i stroit. materialam, 1961. 22 p. (Tekhnika bezopasnosti v stroitel'stve)

CONCRETE CONSTRUCTION, PRECAST see Precast concrete construction

CONCRETE PAVEMENTS see Pavements, Concrete

CONCRETE PIPE see Pipe, Concrete

CONCRETE PLANTS

Automatic concrete plant L. IAlovenko Nauka i zhyttia 11 no 2 18-19 F '62

Efficient technological systems of asphalt concrete and cement concrete plants M. D. Merzon, A. P. Liashevich. Avt. dor. 25 no. 3 7-8 Mr '62

Zelichenok, G. G. [Automation and mechanization of concrete plants] Avtomatizirovannye i mekhanizirovannye betonnye zavody Moskva, Gos. izd-vo "Vysshaia shkola," 1961 413 p

CONCRETE REINFORCEMENT

Calculated strength of reinforcing steel in panels made of keramzit concrete N A Kornev, A A Kudriavtsev Bet i zhel -bet 8 no 3 114-115 Mr '62

Improving the methods for stressing reinforcements. D. E. Gurevich, A. S Shekhterman. Gidrotekhnika no 1 100-102 '61.

Wire dynamometer for reinforcement wire IU D Vidineev, A IA Balakin, N. P. Karaulova Bet i zhel -bet 8 no 3 126-127 Mr '62

CONCRETE REINFORCEMENT—TESTING

Unit for testing wire reinforcement for tension relaxation V. I. Kokhno Bet i zhel -bet. 8 no 3 127-129 Mr '62

CONCRETE ROADS see Roads, Concrete

CONCRETE SHIPS see Ships, Concrete

CONCRETE SLABS

Approximate calculation of a square concrete facing slab. G. D Bulakh Gidrotekhnika no 1 52-55 '61.

CONCRETE SLABS—VIBRATION

Natural vibration of a slab lying on an elastic-viscous bed [with summary in English] Z. A. Krytsuk Prykl. mekh. 8 no 2:186-190 '62

CONCRETIONS see subdivision under Bol'shaya Synya, Kheyyakha Valley

CONDENSERS (ELECTRICITY)

Concerning L. I. Odynets' article "Efficiency of using a. c. for shaping plate foil in the manufacture of electrolytic condensers B M. Tareev, M. M. Lerner. Izv vys. ucheb. zav. ,energ 5 no 2:112-113 F '62

Concerning the efficiency of using a. c for shaping plate foil in the manufacture of electrolytic condensers L. I. Odynets Izv vys ucheb zav ,energ 5 no. 2:108-111 F '62

Forty times more accurate! M Monin Nauka i zhizn' 29 no 1 28-29 Ja '62.

CONDENSERS (ELECTRICITY)—TESTING

Automatic bridge for checking electrolytic capacitors. N. B. Karandeev, F. B. Grinevich, V. P. Shul'ts. Avtom. kont. i elek. izm. no. 2, 5-20 '60.

CONDENSERS (STEAM)

Experimental testing of a throttle wetting system I. V. Vedmed', V. P Kuleshov, B. N. Rombro Energomashinostroenie 8 no 1:41-44 Ja '62

Heater converted for condensing steam with a high carbonic acid concentration R. L. Babkin. Elek sta 33 no. 1 21-23 Ja '62

CONDENSERS (VAPORS AND GASES)

"Vacuum condensers of the chemical machinery manufacture" by K. P. Shumskii. Reviewed by A. A. Pomerantsev, S. N. Semikhatov. Khim. mash. no. 2:46-47 Mr-Ap '62.

CONDITIONED RESPONSE

Appearance of an "isolated pathological point" in the auditory analyser of a dog [with summary in English] L. P Rudenko Zhur vys nerv deiat 11 no 6 1094-1098 N-D '61

Changes in the higher nervous activity of dogs under the influence of piridrol [with summary in English] T. M Kuchcrenko Zhur vys nerv deiat 11 no 6 1052-1059 N-D '61

Character of the change in conditioned reflex reactions in man under the influence of carbon monoxide and vibration [with summary in English]. V. A. Shabalin. Biul. eksp biol. i med. 53 no. 1 45-47 Ja '62.

Character of the interrelationship between signaling systems in school children [with summary in English] A S Dmitriev Zhur. vys nerv deiat 11 no 6 969-978 N-D '61

Characteristics of the higher nervous activity in epileptic children [with summary in English]. I. T. Viktorov Zhur vys nerv deiat 11 no 6 999-1004 N-D '61

Comparative physiological analysis of complex conditioned reflex movements Report No. 4 Conditioning three different motor reflexes in turtles K A Iordanis Nauch dokl vys shkoly, biol nauki no 1 69-72 '62.

Differentiation of the intensity and duration of labyrinthine stimulations [with summary in English] V G Tevzadze Zhur vys. nerv deiat 11 no 6 1099-1105 N-D '61

Effect of a sharp increase of positive and inhibitory conditioned stimuli on the higher nervous activity in dogs [with summary in English] Z A. Vasil'eva (Barsukova) Zhur vys nerv deiat 11 no 6 1032-1037 N-D '61.

Effect of a vegetative ganglionic block on the course of conditioned reflex leucocytosis [with summary in English] N. I. Krugliak Zhur mikrobiol , epid. i immun. 33 no 2 52-55 F '62

Effect of aminazine on the conditioned reflex activity of dogs with different types of nervous systems [with summary in English]. M S Krasnova'ka Fiziol. zhur [Ukr.] 7 no. 6 755-761 N-D '61.

Effect of desoxycorticosterone on various components of the conditioned motor defense reflexes in dogs [with summary in English] B B Voznesenskii. Zhur vys. nerv deiat 11 no 6 1044-1051 N-D '61

Effect of direct current poles on conditioned reflexes in dogs (extinctive inhibition). N. P. Movchan Trudy Len. ob-va est 72 no 1:115-118 '61

Effect of herbicides, chlorine derivatives of phenoxyacetic acid, on the formation of conditioned reflexes in white rats A M Shevchenko Dokl AN BSSR 6 no 3,199-201 Mr '62

Effect of overstraining the process of differential inhibition on the microstructure of the thyroid gland in white rats [with summary in English]. N. E. Kovaleva. Biul. eksp biol i med 53 no 2 67-72 F '62

Effect of sectioning the posterior columns of the spinal cord on the conditioned motor food reflexes in dogs [with summary in English] P M Pogorelova Zhur vys nerv deiat. 11 no 6 1089-1093 N-D '61

Effect of sodium bromide and caffeine on the duration of the disinhibition phase of traces of inhibitory stimuli [with summary in English] M K. Bosyi Zhur vys nerv deiat 11 no 6 1083-1088 N-D '61

Effect of tofranil (imizine) on conditioned reflex activity in fish, pigeons, and rabbits. V I Ivanova. Nauch dokl vys shkoly, biol. nauki no. 1 73-77 '62,

Effect of vitamin B_{12} on conditioned reflex activity in dogs [with summary in English] A T Pshenik, A. A Gribanov. Zhur vys nerv. deiat. 11 no 6 1026-1031 N-D '61

External inhibition and disinhibition in the interrelationship between signaling systems in stutterers [with summary in English]. V. A. Kurshev. Zhur vys. nerv. deiat. 11 no 6 985-990 N-D '61

Faddeeva, V. K. [Methods of the experimental investigation of the higher nervous function of man; child and adult, the healthy and the sick] Metodika eksperimental'nogo issledovaniia vysshei nervnoi deiatel'nosti cheloveka; rebenka i vzroslogo, zdorovogo i bol'nogo. Moskva, Medgiz, 1960. 253 p.

Influence of removal of the chromaffin tissue on conditioned reflex changes in cardiac function [with summary in English] Z. V. Urazaeva. Biul. eksp biol. i med. 52 no 7,9-14 Jl '61

Interrelation between the various components of the complex system of conditioned motor food reflexes in rats [with summary in English] A. V Napalkov, F. V. Volosbinova. Zhur vys nerv deiat. 11 no 6:1127-1133 N-D '61

Limit of an elaborated inhibitory process in dogs with various types of nervous system [with summary in English]. E. G. Guseva. Zhur. vys. nerv. deiat. 11 no. 6 1074-1082 N-D '61.

Mechanism of aminazine action on conditioned motor food reflexes in fishes, pigeons and rabbits [with summary in English] V. I. Ivanov. Zhur vys. nerv. deiat. 11 no. 6 1120-1126 N-D '61

Physiological role of the rate of increase in intensity of conditioned stimuli [with summary in English]. A. G. Subbota Zhur vys. nerv. deiat. 11 no. 6,1059-1064 N-D '61.

Physiological significance of the intensity increase of conditioned stimuli. A. G. Subbota. Trudy Len. ob-va est. 72 no. 1:121-122 '61.

Possibility of the formation of conditioned locomotor reflexes in dogs without any reinforcement I. M Aivazov Izv Soob AN Gruz. SSR 28 no. 2:227-[illegible] F '62

Recent data on the reflexogenic effect of sulfuric acid and sulfuric acid aerosol on man. N. A. [illegible] Pred dop. kontsent. atmosf. zagr. no. 5 116 [illegible]

Some data on the depression of α-rhythm as an objective graphic expression of basic neural processes [with summary in English] M P Ivanova Biul. eksp. biol. i med 53 no 2 27-31 F '62.

Some general rules of higher nervous activity [illegible] in animals [with summary in English] I. G. Vas[illegible] Zhur vys nerv deiat 11 no 6 1012-1018 N-D '61

Some problems in the comparative physiology of conditioned reflexes, from the report "Comparative study of analyser functions" presented at the meeting devoted to Ch. Darwin E. Sh. Airapet'iants Trudy Len. ob-va est. 72 no 1:35-15 '61.

Structure of conditioned reflexes to a simultaneous complex stimulus [with summary in English] G. V. Anokhin, L. G. Perevoz. Zhur vys. nerv. deiat. 11 no 6 1019-1025 N-D '61

Study of the correlation between signaling systems in neurones [with summary in English]. A. I. Shmaina, L. G. Perevoz. Zhur vys. nerv. deiat 11 no 6 1006-1011 N-D '61.

Tactile conditioned reflex in the ninefish Aulichthys japonicus L. V. A. Sokolov Trudy MMBI no. 3,19-21 '61

Transformation of conditioned reflexes to time [with summary in English]. B G Khametov. Zhur vys nerv deiat 11 no 6 1106-1111 N-D '61.

CONDUCT OF LIFE

Bezuglov, A. A. [Aren't they ashamed?] No stydno [illegible] [Moskva] Mosk. rabochii, 1961. 125 p.

"Class supervisor" Vera Tkachenko. Sov. pedagog 10 no 4 37 F '62

Karbovskaia, V. A. [It is important to be united] Kak vazhno byt' krasivym. [Moskva] Izd-vo V[illegible] Profizdat, 1961. 86 p. (Massovaia biblioteka [illegible])

CONDUCTING

Artistic image, mastership, the technique of [illegible] and the relationship among them. M. N. Glinp[illegible] Nauch. -metod. zap. Ural. gos. kons[illegible] no. 4 [illegible] '61.

CONDUCTING, CHORAL

Method of training the conducting personnel [illegible] man. Nauch. -metod. zap. Ural gos. kons[illegible] '61.

CONDUCTIVITY, ELECTRIC see Electric [illegible]

CONDUCTOMETRIC ANALYSIS

Exchange acidity of aluminosilicate catalysts. [illegible] Exchange acidity of aluminosilicate compounds. [illegible] Elrish. Izv. vys. ucheb. zav. ; khim. i khim. tekh. [illegible] 949-954 '61

CONE

Distribution of primitive integral points on [illegible] V. P Miakishev Dokl AN SSSR 143 no 4 [illegible] '62

CONFECTIONERS

Determining the index of the level of mechanization [illegible] enterprises of the confectionery industry. [illegible] V. Abetdulina Biul. nauch. inform. Tsentr. [illegible] 5 no. 3:26-30 '62.

CONFECTIONERY

(see also subdivision under Belaya Tserkov', Leningrad, Minsk)

Fuller utilization of production resources by confectioneries. V. A. Abidulina, P. K. Popov. Khleb. i [illegible] prom. 6 no. 3:22-24 Mr '62.

CONFECTIONERY—COSTS

Analysis of production costs in the confectionery [illegible] N. V. Kachikina, V. I Levin. Khleb. i kond. prom. [illegible] no. 3,24-26 Mr '62.

CONFORMAL MAPPING

Boundary behavior of Q-quasiconformal mappings [illegible] Gavrilov. Sib. mat. zhur. 2 no. 5:650-654 [illegible]

Diadic dicompacts and continuous mappings of [illegible] compacts. S. Mardešić, P. Papić. Dokl. AN [illegible] no. 3:529-531 Mr '62.

Holomorphic mappings of normal regions in [illegible] several complex variables. H. Arai. Mat. [illegible] no. 4:481-487 D '61.

CONGLOMERATE

Practice of using four-roller bits to drill conglomerates A. S. Borovkov. Razved. i okh. nedr. 28 no 2 [illegible] F '62.

CONGO, REPUBLIC OF THE—POLITICS AND GOVERNMENT

Batsemba prisoner. D. Dolidze. Nov. vrem. [illegible] 9 Ap '62.

Freedom for the Congo patriot! E. M. Zhukov, V. [illegible] Struev, L. Volodin. Az. i Afr. seg. no. 3:2-[illegible]

CONGRUENCES (GEOMETRY)

Concerning a certain class of nets. G. N. Ter-[illegible] Trudy mat. inst AN Gruz SSR 27:165-170 [illegible]

CONGRUENCES AND RESIDUES

Some congruences for the number of representations of an odd number of squares by sums A. A. Kiselev, I. Sh. Slavutskii. Dokl. AN SSSR 143 no. 2 272-274 Mr '62

CONIFERAE

(see also subdivision under Tashkent)

Anatomic characteristics of the needles of woody plants. N. D. Nesterovich, A. V. Ponomareva. Biul. Inst. biol. AN BSSR no. 6:3-15 '61

How we mechanized the processing of conifer seeds. A. P. Mikhailov. Les. khoz. 15 no. 2 69 F '62

CONJUNCTIVITIS, GRANULAR

Criteria for curability in trachoma. E. D. Epshtein. Kaz. med. zhur. no. 5, 60-61 S-O '61.

Experimental and clinical study of the therapeutic action of diblomycin in trachoma [with summary in English] I. I. Terskikh, A. A. Dzhumanbaeva. Antibiotiki 6 no. 11 968-970 N '61

Melik-Mus'lian, A. B. [Atlas; clinical aspects of trachoma] Atlas; klinika trakhomy. Moskva, Medgiz, 1961. 47 p. (DNLM)

Results of different methods of treating trachoma in rural localities [in Azerbaijani with summary in Russian] K. A. Adigezalova-Polchaeva. Azerb. med. zhur. no. 12 17-22 D '61

Tissue therapy in severe forms of trachoma. A. N. Kruglov, M. S. Zarbeeva. Kaz. med. zhur. no. 1 17-18 Ja-F '62.

CONNECTING RODS—TESTING

Endurance test of connecting rods of internal combustion engines with cyclic loading under simulated operating conditions. I. B. Klibanskii. Sbor. trud. Inst. mash. i avtom. AN BSSR no. 2 3-28 '61.

CONNECTIVE TISSUES

Effect of cortisone on connective tissues in case of malignant growths [with summary in English]. F. A. Bluzman. Fiziol. zhur. [Ukr.] 7 no. 6 824-829 N-D '61.

Method for detecting the basal membranes and connective tissue of the glomerulus of the kidney. B. N. TSibel. Arkh. pat. no. 3 77-79 '62

Porous connective tissue of Ixodes ticks [with summary in English]. V. A. TSvileneva. Arkh. anat. gist. i embr. 41 no. 12, 70-80 D '61.

CONNOLLY, JAMES, 1870-1916

"The life and times of James Connolly" [in English] by C. D. Greaves. Reviewed by A. D. Kolpakov. Nov. i noveish. ist. no. 6 113-115 '61.

CONSERVATION OF NATURAL RESOURCES see subdivision under White Russia

CONSERVATION OF SOIL see Soil conservation

CONSERVATORIES OF MUSIC see subdivision under Gorlovka

CONSTELLATIONS

Slavonas, P., ed. [Stellar sky] Zvaigzdetasis dangus. Vilnius, Valstybine politines ir moksliines literatures leidykla, 1961. 113 p. [In Lithuanian]

CONSTRUCTION EQUIPMENT

(see also subdivision under Arctic regions, Ul'yanovsk Province)

Evaluating the degree of mechanization of construction work. A. A. Gunich. Mekh. stroi. 19 no. 3 22-23 Mr '62.

Gladkii, V. I., M. I. Lobanov, and N. A. Slavchenko. [Building machinery, machines, equipment, and instruments, a reference manual] Stroitel'nye mashiny, mekhanizmy, oborudovanie i instrumenty; spravochnik. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1961. 915 p.

Industrial methods for the interior finishing of buildings. O. M. Spiridonova. Sbor. nauch. trudov LISI no. 21 65-87 '56

Moscow. Vystavka dostizhenii narodnogo khoziaistva SSSR. [Catalog of new construction equipment recommended for adoption] Al'bom-katalog novoi stroitel'noi tekhniki, rekomenduemoi k vnedreniiu. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam. No. 2. [Industrial construction] Promyshlennoe stroitel'stvo. 1961. 115 p.

Over-all mechanization and automation of construction. Stroi. i arkhit. 9 no. 11; 30 N '61.

Use of a construction pistol. N. Pligunets. Prom. stroi. i inzh. soor. 3 no. 2; 61 Mr-Ap '61.

CONSTRUCTION EQUIPMENT—ABSTRACTS

[Manufacture of construction equipment and road machinery. Mining Machinery] Ref. zhur. Otd. vyp. 43: Stroi. i dor. mashinostr. Gor. mash. nos. 1-2, 4-6 Ja-Mr '62.

CONSTRUCTION EQUIPMENT—BIBLIOGRAPHY see Bibliography—Construction equipment

CONSTRUCTION INDUSTRY

(see also subdivision under Bashkiria; Bogorodchany District; Kustanay; Leningrad; Moscow; Nedrigaylov District; Novorossiysk; Sokal' District; Ukraine; United States; Uzbekistan)

Along the path traced by the party. Stroi. i arkhit. Len. 23 no. 11 1-2 N '61.

Budnikov, M. S., P. I. Nedavnii, and V. I. Rybal'skii. [Principles of assembly-line methods in construction] Osnovy potochnogo stroitel'stva. Pod red. M. S. Budnikova. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1961. 413 p.

Control over the length of the periods of construction. I. Zaichik. Den. i kred. 20 no. 3 63 Mr '62

Cooperation of science and practice. N. M. Ledentsov. Sbor. nauch. trudov LISI no. 24 5-11 '56

Finished in 48 working days. N. Egorov, I. Zhishchinskii, N. Ogurtsov. Stroi. i arkhit. Mosk. 10 no. 12; 1-3 D '61

Give serious attention to the preparation for work. V. Gudz', E. Khodzitskii. Prom. stroi. i inzh. soor. 3 no. 2, 12-16 Mr-Ap '61

Hurdles on the path of enthusiasts. Fedor TSitkovnyi. Smena 39 no. 6 7 Mr '62.

Kadetova, M. P. [Planning the development of the material and technological basis of construction] Planirovanie razvitiia material'no-tekhnicheskoi bazy stroitel'stva. Moskva, Izd-vo ekon. lit-ry, 1962. 110 p.

"Major construction work in the U. S. S. R. statistics." Reviewed by M. Shass. Kommunist 39 no. 6 123-126 Ap '62

Major construction work is a problem of great importance. S. Shumskii, M. Shendelev. Part. zhizn' no. 7 54-60 Ap '62

Militant tasks for construction workers. Stroi. i arkhit. 9 no. 11 1-2 N '61

Moscow. Institut tekhniko-ekonomicheskoi informatsii. [Use of radioactive isotopes and nuclear radiations in hydraulic engineering and construction] Primenenie radioaktivnykh izotopov i iadernykh izluchenii v gidrotekhnike i stroitel'stve. Moskva, (Peredovoi nauchno-tekhnicheskii i proizvodstvennyi opyt. Tema 19) No. 14. 1960. 35 p.

Paraubek, G. E. [For high quality in construction] Za vysokoe kachestvo stroitel'stva. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 41 p. (V pomoshch' ekonomicheskomu obrazovaniiu rabochikh, brigadirov i masterov-stroitelei)

Pavlenko, T. A. [Organization and planning of construction] Organizatsiia i planirovanie stroitel'stva. Moskva, Goslesbumizdat, 1961. 304 p.

Present-day city building and architecture. V. Kucherenko. Kommunist 39 no. 7 23-32 My '62

A stride towards communism! Stil' bud. 11 no. 11-1-2 N '61

Tolgonskii, M. N. [Principles of construction work] Osnovy stroitel'nogo dela. Moskva, Goslesbumizdat, 1961. 221 p.

Ukraine. Gosudarstvennyi komitet po delam stroitel'stva. [Builder's Day] Den' budivel'nyka. Kyiv, Derzh. vyd-vo lit-ry z budivnytstva i arkhitektury URSR, 1960. 62 p.

Use of cartographic and geodetic materials in the design of industrial enterprises. N. IA. Kondrat'eva. Izv. vys. ucheb. zav., geod. i aerof. no. 6 111-112 '61

CONSTRUCTION INDUSTRY—ACCOUNTING

(see also subdivision under Ukraine)

Dividing expenses among the constituent parts of a major construction project. IU. A. Bel'gov. Gidr. stroi. 32 no. 1; 31-34 Ja '62

IUkov, P. V. [What the builder should know about accounting on a construction project] Chto nuzhno znat' stroiteliu ob uchete na stroike. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 34 p. (V pomoshch' ekonomicheskomu obrazovaniiu rabochikh, brigadirov i masterov-stroitelei)

Their instruction obscures facts. P. Katalkin. Fin. SSSR 23 no. 3; 81-82 Mr '62.

CONSTRUCTION INDUSTRY—BIBLIOGRAPHY see Bibliography—Construction industry

CONSTRUCTION INDUSTRY—COSTS see subdivision under Armenia

CONSTRUCTION INDUSTRY—FINANCE

(see also subdivision under Kemerovo Province; Kiev; Krasnoyarsk Territory, Lithuania; Ukraine)

Capital construction is a most important problem. P. Pavlov. Fin. SSSR 23 no. 3; 8-15 Mr '62.

Construction and assembly organizations' payments to the budget. V. Pavlov. Fin. SSSR 23 no. 3, 50-51 Mr '62

Increasing the effectiveness of capital investments is a matter of great state importance. V. Robotov. Fin. SSSR 23 no. 3; 10-24 Mr '62.

Reveal hidden potentialities in repair and construction organizations. I. IUnik. Den. i kred. 20 no. 3; 26-33 Mr '62.

Use capital investments more judiciously and economically. Fin. SSSR 23 no. 3; 3-7 Mr '62.

CONSTRUCTION INDUSTRY—HYGIENIC ASPECTS

Sanitary and hygienic labor conditions in large-panel construction during the winter season [with summary in English] V. K. Kuz'mina. Gig. truda i prof. zab. 4 no. 1 13-18 Ja '60

CONSTRUCTION INDUSTRY—LABOR PRODUCTIVITY

Increase the control of the Construction Bank over labor productivity in construction. V. Diadin. Fin. SSSR 23 no. 3; 25-28 Mr '62.

Rotshtein, A. G., and IU. E. Pak. [For high labor productivity in construction] Za vysokuiu proizvoditel'nost' truda na stroike. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 37 p. (V pomoshch' ekonomicheskomu obrazovaniiu rabochikh brigadirov i masterov-stroitelei)

CONSTRUCTION INDUSTRY—LAW AND LEGISLATION

New developments in the legal regulation of major construction work. M. IA. Chernisk. Sov. gos. i pravo 32 no. 1 56-69 Ap '62

Some problems concerning the liability of contractors for the quality of major construction work. V. S. Shelestov. Izv. vys. uchob. zav., prav. 6 no. 1 63-71 '62.

CONSTRUCTION INDUSTRY—STATISTICS

D'iachkov, M. F. [Statistics of capital construction] Statistika kapital'nogo stroitel'stva. Moskva, Gosstatizdat TsSU SSSR, 1962. 336 p.

CONSTRUCTION INDUSTRY—TECHNOLOGICAL INNOVATIONS

Sokolov, B. M. [Industrialization of construction] Industrializatsiia stroitel'stva. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 35 p. (V pomoshch' ekonomicheskomu obrazovaniiu rabochikh, brigadirov i masterov-stroitelei)

CONSTRUCTION WORKERS

(see also subdivision under Kremikovtsy, Bulgaria; Temir-Tau, Karaganda Province)

Task of the whole Communist Youth League. Komsom. zhizn' no. 5; 2 Mr '62

CONSUMER'S GOODS see Russia—Manufactures

CONSUMPTION see Tuberculosis

CONSUMPTION (ECONOMICS)

"National consumption under socialism" by P. S. Matislavskii. Sots. trud 7 no. 3 150-154 Mr '62.

CONTACT LENSES

"Substitute for spectacles." Starsh.-serzh. no. 12; 35 D '61.

CONTAGION AND CONTAGIOUS DISEASES see Communicable diseases

CONTAINERS

Gubanov, V. S., I. IA. Zolotarevskii, and A. V. Suprykin. [Containers; practical manual] Tara, prakticheskoe posobie. Moskva, Gos. izd-vo torg. lit-ry, 1961. 223 p.

Russia (1917- R. S. F. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Technical specifications for assembling vessels and containers (RSN 7-61)] Tekhnicheskie usloviia na montazh sosudov i emkostei (RSN 7-61). Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 28 p.

Self-tipping container. I. Gudik. Prom. stroi. i inzh. soor. 3 no. 2; 55 Mr-Ap '61

CONTAINERS—BIBLIOGRAPHY see Bibliography—Containers

CONTINUOUS CASTING

Drawing of rods made of continuously cast metal. I. A. Leonov, A. I. Belova. Stal' 22 no. 3 262 Mr '62.

High-alumina inserts for the continuous casting of steel. E. S. Borisovskii, D. S. Rutman, D. B. Min'kov. Ogneupory 27 no. 2 59-63 '62.

CONTINUOUS CASTING—EQUIPMENT AND SUPPLIES

Investigating the power parameters of a continuous steel casting plant. I. I. Dobroskok and others. Stal' 22 no. 3 223-225 Mr '62

CONTINUOUS FUNCTIONS see Functions, Continuous

CONTRACTS

Planned stipulations for contracts covering the delivery, sale, and purchase of consumers' goods. IU. IA. L'vovich. Sov. gos. i pravo 32 no. 4 77-85 Ap '62.

CONTRAST MEDIA

Significance of the contrast medium viscosity for contour bronchography. B. K. Sharov. Vest. rent. i rad. 37 no. 1; 57-58 Ja-F '62.

CONTROLLED ATMOSPHERES (INDUSTRIAL PROCESSES) see Protective atmospheres

CONVERGENCE

Absolute convergence of orthogonal double series. V. G. Chelidze. Trudy mat. inst. AN Gruz. SSR 27; 183-194 '60.

Rapidity of convergence using Ritz's method. A. V. Dzhishkariani. Trudy mat. inst. AN Gruz. SSR 27 265-268 '60

Uniform convergence factors. F. I. Kharshiladze. Trudy mat. inst. AN Gruz. SSR 27 195-208 '60

CONVERTERS

Open-hearth furnace or oxygen converter. A. F. Myrtsymov. Stal' 22 no. 3 232-237 Mr '62

CONVERTERS, ELECTRIC see Electric current converters

CONVEYING MACHINERY
(see also subdivision under Saratov)
Analysis of proposed solutions for conveyor haulage of the overburden in coal pits Trudy Gor.-geol inst UFAN SSSR no 57 3-15 '61

Bartashev, L. V. [Organization of intershop conveying] Organizatsiia vnutrizavodskogo transporta. Moskva, Mashgiz, 1960. 98 p.

Conveying machine for the roasting of fluxed iron ore nodules I. I. Rovenskii, N. N. Berezhnoi Stal' 22 no. 3 205-209 Mr '62

Flow lines for the polishing and sorting of porcelain products M. N. Lianda, A. A. Miroshnichenko Stek. i ker. 19 no. 3 41-43 Mr '62

Khlusov, A. E. [Load-lifting and conveying equipment for plants manufacturing construction elements] Gruzopod"emnoe i transportnoe oborudovanie zavodov stroitel'nykh delalei. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 356 p.

Krasnikov, V. V. [Hoisting and conveying equipment in agriculture] Pod"emno-transportnye mashiny v sel'skom khoziaistve. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1962. 439 p.

Triple screw conveyer for loading bran. P. Mau Muk.-elev.-prom. 28 no. 2 26-27 F '62

Using conveyer haulage in ore pits. G. V. Parfenov Trudy Gor.-geol. inst. UFAN SSSR no. 57-17-22 '61

Wave phenomena in starting a conveyer belt. K. N. Mamaev Trudy Gor.-geol. inst. UFAN SSSR no. 57. 103-118 '61

CONVEYING MACHINERY—HYGIENIC ASPECTS
Study of working capacity in the operation of various types of conveyers. Z. M. Zolina, E. V. Podoba, V. P. Solov'eva Gig. truda i prof. zab. 4 no. 11 45-49 N '60.

CONVEYING MACHINERY—TECHNOLOGICAL INNOVATIONS
Mechanization of hoisting and conveying in assembling operations A. B. Drannikov Mashinostroitel' no. 3 17-20 Mr '62

CONVULSIONS
Effect of acclimatization to hypoxia on the course of experimental epileptiform convulsions in rats [with summary in English]. A. I. Nazarenko. Biul. eksp. biol. i med. 53 no. 1 48-50 Ja '62.

COOKERY
Recipes for tasty and healthy dishes Doshk. vosp. 35 no. 4 115-116 Ap '62.

COOLING
Calculation of temperature fields in a gas turbine blade cooled through mounting clearances [with summary in English]. E. I. Molchanov, A. R. Khenven Inzh.-fiz. zhur. 5 no. 3 45-50 Mr '62.

COOPERATIVE EDUCATION see Education, Cooperative

COOPERATIVE SOCIETIES
(see also subdivision under Latin America; Lithuania, Osh Province, Urshat'; White Russia)
Consumers' cooperative society is a main link of cooperation. Sov. potreb. koop. 6 no. 3 34-37 Mr '62

Discussing the statute of cooperative societies P. Popov and others Sov. potreb. koop. 6 no. 3 15-17 Mr '62

Editor's mail Sov. potreb. koop. 6 no. 3 18-19 Mr '62.

Guests from Japan Sov. potreb. koop. 6 no. 3 54-55 Mr '62.

In the marketing section of the Central Union of Consumers' Cooperatives Sov. potreb. koop. 6 no. 3 26-29 Mr '62

Some problems of cooperative trade D. Gudkov. Sov. potreb. koop. 6 no. 3 5-8 Mr '62

Women in the cooperative movement P. Sergeeva. Sov. potreb. koop. 6 no. 3 49-51 Mr '62

COORDINATES
Determination of coordinates from measured distances. P. G. Aksamitov Geod. i kart. no. 2 16-19 F '62

COPEPODA
Adaptive value of the seasonal migrations of Calanus finmarchicus (Gunnerus, 1776) [with summary in English]. N. I. Kashkin. Zool. zhur. 41 no. 3 342-357 Mr '62.

Ranges of species of the genus Calanus occurring in large masses in the Southern Hemisphere. K. A. Brodskii Dokl. AN SSSR 143 no. 3, 709-712 Mr '62.

COPPER—METALLURGY
Cooperation between the zinc and copper industries (on the example of the Ural Mountain plants). V. A. Karsunkina. Izv. vys. ucheb. zav., tsvet. met. 5 no. 2: 150-155 '62.

COPPER—TESTING
Effect of neutron irradiation on the elasticity modulus and the internal friction in copper. A. I. Zakharov. Fiz. met. i metalloved. 13 no. 2:241-247 '62

COPPER—WELDING
Automatic welding of copper plate under flux. Iu. M. Koreniuk. Avtom. svar. 15 no. 4:26-32 Ap '62.

COPPER-ALUMINUM ALLOYS
Surface tension and density of liquid alloys in the copper - aluminum system Iu. V. Naidich, V. N. Eremenko, L. F. Kirichenko Zhur. neorg. khim. 7 no. 2 333-336 F '62

COPPER-ALUMINUM ALLOYS—METALLOGRAPHY
Investigating the ordering phenomena in Cu-Al alloys. Part 2. Alloys near the solubility limit V. E. Panin, V. P. Fadin, I. A. Solov'ev Fiz. met. i metalloved. 13 no. 2 219-224 '62
Investigating the phenomena of ordering in Cu-Al alloys Part 1. Homogeneous solid solutions V. E. Panin, F. K. Zen'kova, V. P. Fadin Fiz. met. i metalloved. 13 no. 1 86-92 Ja '62

COPPER COMPOUNDS
Complex compounds of monovalent copper with thiourea. Part 1. Compounds of cuprous chloride and bromide. L. A. Slashcheva, M. I. Usanovich, P. N. Sumarokova. Zhur. ob. khim. 32 no. 3 683-688 Mr '62

Possibility of transeffects in complex compounds of bivalent copper I. I. Chernaev and others Zhur. neorg. khim. 7 no. 3 472-478 Mr '62

Preparation of copper acetylenide IA. Iu. Aliev, T. G. Gar'kovets, L. V. Penskaia Uzb. khim. zhur. 6 no. 1 69-72 '62.

Results of X-ray structural studies of some ammonium complex compounds of bivalent copper M. A. Porai-Koshits, M. Bubovska. Zhur. strukt. khim. 3 no. 1:38-43 Ja-F '62.

COPPER FERROCYANIDE
Thermal decomposition of copper ferrocyanide G. B. Seifer Zhur. neorg. khim. 7 no. 3 482-486 Mr '62

COPPER IN THE BODY
Copper content of the blood in middle-aged and senile people M. M. Korobenkova Dokl. AN BSSR 6 no. 3 196-198 Mr '62

Copper content of various segments of the bone system in bone autoplasty. A. P. Skoblin. Vest. khir. no. 8 59-63 '61.

COPPER-MANGANESE ALLOYS—MAGNETIC PROPERTIES
Magnetization and the magnetocaloric effect of the Cu+22.8 at. % Mn polycrystalline alloy B. V. Znamenskii, I. G. Fakidov. Fiz. met. i metalloved. 13 no. 2:312-311 '62

COPPER MINES AND MINING see subdivision under Gay region (Orenburg Province)

COPPER ORES
Dressing of "unyielding" copper ores with preliminary roasting (review of literature) A. I. Eskin Obog. rud 6 no. 6 54-56 '61

COPPER ORGANIC COMPOUNDS
Complexes of azines with copper semihalide O. A. Reutov and others. Izv. AN SSSR Otd. khim. nauk no. 3, 538-539 Mr '62

COPPER OXIDE
Solubility in the system $CuO - P_2O_5 - H_2O$ at 25° D. M. Korf, I. P. Sugakevich Zhur. neorg. khim. 7 no. 3 698-699 Mr '62

Thermodynamics of the dissolution of zinc oxide and copper oxide in sulfuric acid solutions as applicable to the leaching of zinc concentrates A. N. Vol'skii, E. M. Sergievskaia. Sbor. nauch. trud. GINTSVETMET no. 33 18-25 '60

COPPER PLATING
Copper plating from an electrolyte containing a complex copper alkali salt of tartaric acid. I. N. Gladkii, N. A. Marchenko. Izv. vys. ucheb. zav.: khim. i khim. tekh. 4 no. 6:1003-1005 '61

Purification of nickel and copper plating electrolytes by the separation method. K. N. Kharlamova and others. Khim. mash. no. 2:23-26 Mr-Ap '62.

COPPER-SILICON ALLOYS
Effect of certain metal additions to copper-silicon alloys on their activity in the reaction with methyl chloride. I. V. Trofimova and others Zhur. ob. khim. 32 no. 3 841-846 Mr '62

COPPER-SILICON-NICKEL ALLOYS
Silicon activity in copper-silicon-nickel alloys. Iu. P. Nikitin. Izv. vys. ucheb. zav.: tsvet. met. 5 no. 2 56-57 '62.

COPPER SULFIDES
Interaction between cuprous sulfide and zinc-containing silicate melts. D. M. Chizhikov, S. S. Deineka. Dokl. AN SSSR 143 no. 2:388-390 Mr '62.

COPPERSMITHING see subdivision under Uzbekistan

COPYING PROCESSES
Copying without a copyist. V. Linta. Izobr. i rats. no. 2:13 F '62.

COQUIMBITE see subdivision under Chokeken Peninsula

COR PULMONALE
Clinical and morphological characteristics of peptic ulcer in chronic cor pulmonale [with summary in English]. I. P. Lerner and others. Vrach. delo no. 2:30-34 F '62

CORALS, FOSSIL see subdivision under Estonia, Tarbagatay Range

CORE DRILLING
Adjusted coefficient for core samples in prospecting for stockwork molybdenum deposits A. S. Filko Razved. i okh. nedr. 27 no. 12:16-24 D '61.

Character of selective pulverizing of a drilled core in some types of pyrite and complex ore deposits and a method of defining it. V. I. Gerasimtsev Razved. i okh. nedr. 28 no. 1 13-17 Ja '62

Core drilling with the inverse flushing of borehole bottoms for increasing the yield of cores and obtaining guide borings V. V. Bol'shakov, A. S. Filko Izv. vys. ucheb. zav., geol. i razv. 5 no. 2 83-94 F '62

Relationship between the amount drilled per trip and the core recovery in core drilling in medium-hard and hard rocks P. V. Polezhaev. Razved. i okh. nedr. 28 no. 2 14-20 F '62.

Weight method of determining core recovery. G. A. Nechaev. Razved. i okh. nedr. 27 no. 10 32 O '61.

COREMAKING
Box-type drier plates for core blowing with CO_2. V. M. Volkov Lit. proizv. no. 3:30 Mr '62.

Pikus, L. Z. [Easy to knockout chemically hardening cores for the production of large steel castings] Legkovybivaemye khimicheski tverdeiushchie stierzhni dlia proizvodstva krupnogo stal'nogo lit'ia. Leningrad, 1961. 16 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serilia: Tekhnologiia proizvodstva, no. 6)

CORES (ELECTRICITY)
Use of computers with discrete action for calculating the surface effect in a ferromagnetic tape with a rectangular hysteresis loop and viscosity. T. A. Tatian. Izv. vys. ucheb. zav., elektromekh. 5 no. 2:129-136 '62.

CORIANDER
Formation of fruiting organs in coriander. L. V. Tiurina. Trudy TSBS no. 5:49-53 '61.

CORN (MAIZE)
(see also subdivision under Kuban; Moldavia, Novosibirsk Province; Novoukrainka District; Odessa Province; Orel Province, Poltava Province; Serpukhov District, Ukraine)
Accumulation of growth substances in the apical zone of corn at the various stages of organogenesis P. I. Dikusha Nauch. dokl. vys. shkoly, biol. nauki no. 1 144-151 '62

"Beans, strong companions of corn" by N. I. Shchegolev. Reviewed by V. Ivanov. Zemledelie 24 no. 2 95-96 F '62.

Biochemical qualitative differences in the seeds of hybrid forms of the VIR 156 double cross of corn. L. V. Fedorov. Trudy KirgNIIZ no. 3, 3-11 '60.

Changes in the anatomic structure of corn roots depending on the place of their formation on the plant [with summary in English] M. M. Ovchinnykov, V. M. Nikolaevskyi Ukr. bot. zhur. 18 no. 6:18-23 '61

Composition of protein substances in corn I. M. Zakharchenko, E. S. Kalenich. Dop. UASHN 3 no. 2 15-17 Mr-Ap '60.

Corn. K. S. Petrovskii. Zdorov'e 6 no. 4:25-26 Ja '62.

Development of the inflorescences of corn as related to their position on the stem and to the length of day M. P. Martynova. Bot. zhur. 47 no. 2:264-285 F '62

Duciuskas, Alfredas. [Production and use of corn as silage, carrying out the resolutions of the January Plenum of the Central Committee of the CPSU] Sekuruzinio silosogamyba ir panaudojimas; igyvendinant TSKP CK sausio plenumo nutarimus. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 40 p. (Zemes ukio pirmunu patyrimas) [In Lithuanian] (DA)

Group method for harvesting corn. P. Il'rpol'skii. Sots. mekh. no. 3:17-18 '62.

I cultivate corn and fatten pigs. G. Plotnikov. Sots. mekh. no. 3:12-14 '62.

Increasing corn production as a condition for the economic expansion of collective and state farms. B. Trofimov, I. Polovenko. Ekon. sel'khoz. 33 no. 1 31-42 Ja '62.

Organogenesis of double cross corn hybrids VIR-24 and VIR-42 and their parental forms. V. I. Sazanov, V. V. Glukhovtsev. Nauch. dokl. vys. shkoly, biol. nauki no. 1 173-177 '62

"Over-all mechanization of corn growing and harvesting by A. G. Belosertsev and others. Reviewed by N. Kolesnev, D. Pikalov, Iu. Popov. Ekon. sel'khoz. 33 no. 1:121-123 Ja '62.

Productivity of photosynthesis of self-pollinated lines and interlinear hybrids of corn I. F. Dorovskaia Nauch. dokl. vys. shkoly, biol. nauki no. 1 145-148 '62

Study of the performance of the seeding apparatus of corn drills. R. G. Shamsutdinov. Trudy VIM 28:56-63 '59.

Toward new achievements, young corn growers! N. Krychina. Mol. komm. no. 3, 19-26 Mr '62

Using airplanes for the application of simazine and atrazine for weed control in corn plantings. S. P. Gorbunova. Zemledelie 24 no. 2:58-62 F '62.

CORN (MAIZE)—DISEASES AND PESTS

Corn Bacterial leaf spot of corn and the possibility of using antibiotics for its control N A Shishkova Trudy Vses inst sel'khoz mikrobiol 17 81-99 '60

Effectiveness of antibiotics against bacteriosis in corn leaf sheaths F E Nemlienko Trudy Vses inst sel'khoz mikrobiol 17 100-102 '60

Results of testing the 50% preparation of tetramethylthiuram disulfide for the treatment of corn seed P G Rusinov, Shor. nauch.-issl. lab. Azovo-Cher sel'khoz inst. 18 91-99 '60

Szelud'ko, IU. M. [Helminthosporiosis in corn] Hel'mintosporioz kukurudzy Kyiv, Vyd-vo Ukr Akad sil's'kohospodars'kykh nauk, 1961. 103 p. (DA)

CORN (MAIZE)—DRYING
(see also subdivision under Velichkov)

Riepin, A. M., and O. I. Naumenko. [Drying and storing seed and forage corn] Sushinnia ta zberigannia nasinnoi i furazhnoi kukurudzy. Kyiv, Derzh vyd-vo sil's'kohospodars'koi lit-ry URSR, 1961. 67 p. (DA)

Ukrains'kyi naukovo-doslidnyi i proektnyi instytut Derzhplanu URSR. [Device for drying corn on the cob with a gas and air stream] Ustanovka dlia sushinnia kukurudzy v kachannykh hazopovitrianym strumenem Kyiv, Derzh. vyd-vo tekhn. lit-ry URSR, 1961 36 p.

CORN (MAIZE)—FERTILIZERS AND MANURES
(see also subdivision under Azov Sea region, Tashauz Province)

Boron requirement of corn in various stages of ontogenesis M. F. Martynova. Bot zhur. 47 no. 3 351-359 Mr '62.

Effect of microelements and mineral fertilizers on the yield and ripening of corn A S. Anokhin Biul. Inst biol. AN BSSR no. 6 228-232 '61

Effect of organomineral fertilizers and trace elements on the corn crop M. N Khoroshkin, Z IA Semenova, S. I Bril'. Shor. nauch.-issl. lab Azovo-Cher sel'khoz. inst 18 65-72 '60

Foliar feeding of corn with trace element fertilizers V. V Ageev Zemledelie 24 no 3 76-77 Mr '62.

Ontogenetic changes in the nitrogen requirement of corn in relation with the peculiarities of metabolism [with summary in English]. IU. S. Kazpilov. Izv. AN SSSR. Ser. biol. 27 no. 1 112-116 Ja-F '62.

Physiologically justifiable amounts of fertilizers in hole-fertilization of corn. S. I. Bril'. Shor. nauch.-issl. lab. Azovo-Cher sel'khoz. inst. 18 19-27 '60

CORN (MAIZE)—OPTICAL PROPERTIES

Morphogenesis of the ultrastructure of chloroplasts and the development of optic properties of the corn leaf [with summary in English]. S. V. Pogeeva, I. P. Pavlova, A. B. Brandt. Izv. AN SSSR. Ser. biol. 27 no. 1 13-28 Ja-F '62.

CORN (MAIZE)—STORAGE

Riepin, A. M., and O. I. Naumenko. [Drying and storing seed and forage corn] Sushinnia ta zberigannia nasinnoi i furazhnoi kukurudzy. Kyiv, Derzh vyd-vo sil's'kohospodars'koi lit-ry URSR, 1961. 67 p. (DA)

Storage of corn seeds. L. Volkov. Zemledelie 24 no 2 57-58 F '62.

CORN (MAIZE)—WATER REQUIREMENTS

Possibility for determining the rate and time of watering on the basis of cell sap concentration in corn [with summary in English]. V. S Rodionov. Fiziol rast 9 no 1 91-97 '62

CORN BREEDING
(see also subdivision under Kazakhstan; Ukraine)

Behavior of corn forms with cytoplasmatically sterile pollen in free transpollination; preliminary report A. N. Pal'kova, V. P. Zholudeva. Biul. Inst. biol AN BSSR no. 6;218-222 '61.

Effect of the different quality of pollen on the heredity of parental signs and the viability of the derived hybrid generation of corn. G G. Batikian, D. P Cholakhian, Izv. AN Arm. SSR. Biol. nauki 15 no. 2;25-38 '62.

Relationship between the origin of self-pollinated lines of corn and their value in hybrid combinations. L. V. Khotyleva. Biul. Inst. biol. AN BSSR no 6;211-217 '61.

CORNCOBS—DRYING

The VP-300 air-preheater for drying corncobs. K. Kh. Stepaniuk. Biul. tekh. -ekon inform. no. 2,58-60 '62.

CORNEA

Polysaccharides in the epithelium of the cornea and mucous membrane of the eye in embryogenesis [with summary in English]. V. A. Vasil'eva. Arkh. anat. gist. i embr. 41 no. 12;30-33 D '61.

CORNEA—DISEASES

Biomicroscopy of pterygium [with summary in English] A. I Rozenberg. Oft. zhur. 17 no. 1 16-19 '62.

Pterygium, its pathogenesis and pathoanatomy [with summary in English]. E. F. Levkoeva Oft zhur. 17 no. 1; 3-8 '62.

CORNEA—TRANSPLANTATION

Electroretinogram of the irradiated eye and induction of the cornea [with summary in English]. V. V. Popov, A. I. Farberov. Izv. AN SSSR. Ser. biol 27 no 1;102-105 Ja-F '62.

Lamellar transplantation of cornea in the case of recurrent pterygium [with summary in English] V P Mazhortseva Oft zhur 17 no 1 14-16 '62

Peripheral lamellar transplantation of cornea in the case of recurrent pterygium [with summary in English] V D Kulesa Oft zhur 17 no 1 8-13 '62

CORONARY HEART DISEASE

Changes in some indications of carbohydrate and lipid metabolism following glucose treatment in arteriosclerosis with symptoms of chronic coronary insufficiency. M S. Govorova, K. G. Ryzhkova. Vrach delo no 2;53-56 F '62.

Clinical evaluation of the use of a new soviet preparation, ertrit, in chronic coronary insufficiency and the signs of stenocardia [with summary in English]. V N. Dziak Terap arkh 34 no 2 38-42 '62.

"Materials on the surgical treatment of coronary heart disease" by Sh G Gordeshani Reviewed by A M Aminev Grud khir 1 no 4 122-123 Jl-Ag '59

Problems of hypertension, atherosclerosis and coronary insufficiency at the Twelfth Scientific Session of the Institute of Therapy of the Academy of Medical Sciences of the U. S. S. R. (January 28-30, 1961 in Moscow) I kh Kantselov, F. T. Krasnoperov. Kaz. med. zhur no 5, 94-95 S-O '61

Surgical treatment of coronary disease [with summary in English]. A A. Busalov, I. V. Koliadiuk, Kh N Muratova. Grud. khir 1 no 5,3-9 S-O '59

CORONARY VESSELS

Effect of bilateral ligation of the ascending mammarine internae and pericardectomy on the coronary circulation in an experiment M N. Teben'kov, E. A. Lepeshkil, O. D. Kuz'minov Grud khir 3 no 6 48-51 N-D '61

CORONARY VESSELS—DISEASES

Comparative morphology of the coronary arteries in arteriosclerosis, rheumatic and acute infectious coronaritis. IU. S Kozachuk Vrach. delo no. 8 83-86 Ag '61.

Role of psychic trauma in the pathogenesis of myocardiac infarct V. IA. Levitin. Med zhur Uzb no 5 82-83 My '60

CORPULENCE

Aseev, G.M. [Control your weight] Bor'tes' s polnotoi. Moskva, Izd-vo "Fizkul'tura i sport," 1961. 46 p (Bibliotechka "Fizkul'tura i zdorov'e")

Cerebral cortex dynamics in patients with obesity during various stages of treatment [with summary in English] A. I. Makarychev and others Vop pit 21 no 2;41-47 Mr-Ap '62

Dietotherapy in obesity. A. I. Golikov, V. F. Bogoiavlenskii Kaz med. zhur no 5,79-83 S-O '61

CORRELATION (STATISTICS)

False correlation between random quantities. O. V. Sarmanov. Trudy Mat inst 64:173-184 '61.

Lukomskii, IA. I. [The theory of correlation and its application in production analysis] Teoriia korreliatsii i ee primenenie k analizu proizvodstva. Moskva, Gosstatizdat, 1961. 374 p.

CORROSION AND ANTICORROSIVES

Anticorrosive primings and their application M M. Gol'dberg Lakokras mat i ikh prim no 6 45-49 '61

[Corrosion cracking and brittleness. Translated from the English] Korrozionnoe rastreskivanie i khrupkost', sbornik statei. Moskva, Mashgiz, 1961. 196 p

Corrosion inhibiting effect of salts of some ... E. V. Bogatyreva. Izv. vys. ucheb. zav khir tekh. 4 no. 6;1030-1034 '61.

Liquid protecting instruments from ... Fel'd i akush 27 no 2 40 F '62

Romov, I. V. [Guide to safety measures ... handling anticorrosive materials (... ing)] Pamiatka po tekhnike bezopas... pri proizvodstve antikorrozionnykh gummirovshchiki). Moskva, Gos. stroit., arkhit. i stroit. materialam (Tekhnika bezopasnosti v stroitel'...

Technetium as a corrosion inhibitor S. S. Rodin Zhur VKHO 7 no 1;

CORROSION-RESISTANT MATERIAL

Balandin, IU. F., and V. G. Markov, ... for power plants with liquid metal Konstruktsionnye materialy dlia ustallicheskimi teplonositeliami. Le soluznoe izd-vo sudostroit. promy...

Effect of certain alloying elements ... cracking of welded joints in titanium Gurevich, L. N. IAgupol'skaia Av 30-47 Ap '62.

CORTICOSTERONE

Corticosteroid treatment of facial n... shchenko. Vrach. delo no. 8;70-75

Effect of desoxycorticosterone on various components of the conditioned motor defense reflexes in dogs [with summary in English] B B. Voznesenskii Zhur vys nerv deiat 11 no 6 1041-1051 N-D '61

CORTISONE

Effect of cortisone on an experimental infection caused by yeast-like fungi F S Zabalueva Zhur mikrobiol., epidemiol i immun 33 no 2 127-128 F '62

Effect of cortisone on connective tissues in case of malignant growths [with summary in English] F. A. Iluzman. Fiziol. zhur. [Ukr.] 7 no. 6 824-829 N-D '61.

Inclusion of methionine-S^{35} into the liver proteins of rats after the administration of cortisone and during starvation [with summary in English]. V. I. Trifanov Vop. med. khim. 7 no 4 351-356 Jl-Ag '61.

Use of cortisone and dehydrocortisone in the treatment of severe hepatitis and liver cirrhosis. A S Vishnevskii, A. V Khodykin Vrach delo no 8 35-38 Ag '61

Use of cortisone in compound treatment of epidemic hepatitis [with summary in English]. I. S. Suk. Vrach. delo no. 2 107-111 F '62.

CORUNDUM

Spin-lattice relaxation time for the Ti^{3+} ion in corundum [with summary in English]. L. S. Kornienko, E. F. Pashinin, A. M. Prokhorov. Zhur. eksp i teor. fiz 42 no. 1;65-66 Ja '62

COSMETICS—PHYSIOLOGICAL EFFECT

Method for studying the effect of medicinal ointments, cleansing preparations and cosmetics on skin reactivity in guinea pigs E A. Izvieva. Vest. derm i ven no 3; 83-85 '62

COSMIC DUST

Temperature of the dust component of a protoplanetary cloud [with summary in English] V. S. Safronov. Astron zhur 39 no 2;278-289 Mr-Ap '62

COSMIC PHYSICS

Cosmic speeds and resistance of mediums, new heat and chemical phenomena at great speeds G. I. Pokrovskii. Priroda 51 no. 3;105-107 Mr '62.

COSMIC PHYSICS—RESEARCH see subdivision under Estonia

COSMIC RAYS

Chromospheric flares and cosmic radiation at a frequency of 20 5 Mc F E Goncharova Trudy IZMIRAN no 19 14-17 '61

Interpretation of the two-center model within the scope of the hydrodynamic theory [with summary in English] A. A. Emel'ianov. Zhur. eksp. i teor. fiz. 42 no 1;171-172 Ja '62.

Large Cherenkov detector of cosmic rays V. L. Dadykin Prib i tekh eksp 7 no 1 50-52 Ja-F '62

Nonthermal emission in the spectra of nonstationary stars and the origin of cosmic rays. I. M. Gordon. Uch. zap. KHGU 91 15-71 '57

Novae as a possible source of cosmic rays [with summary in English] E. R. Mustel' Astron zhur 39 no 2 185-197 Mr-Ap '62

Polarization of μ^+mesons in cosmic rays [with summary in English] A. I. Alikhanian and others. Zhur. eksp i teor. fiz. 42 no. 1;127-129 Ja '62

Pulse hodoscope for studying the decay of muon B. A Dolgoshein, B. L Luchkov, V. I. Ushakov Prib i tekh eksp 7 no 1 85-89 Ja-F '62

Witnesses. B Zvagel'skii. Znan. sila 37 no. 2;30-33 F '62.

Zepe, Milda. [Cosmic rays] Kosmiskie stari. Riga. Latvijas PSR Zinatnu akademijas izdevnieciba, 1957.

COST AND STANDARD OF LIVING
(see also subdivision under Vietnam, South)

Danilov, A. M. [Constant improvement of the welfare of the people is the law of the development of Soviet society] Neprerevnyi rost blagosostoianiia naroda—zakon razvitiia sovetskogo obshchestva. Alma-Ata, Ob-vo po rasprostraneniiu polit. i nauch. znanii Kazakhskoi SSR, 1959. 54 p.

Our historical objective is to surpass the standard of living in capitalist countries; methodological advice for lecturers. Komm Vooruzh Sil 2 no 2:54-56 Ja '62.

Pivniev, V. O. [Origin of the communist distribution of public consumption funds] Pro vytoky komunistychnoho rozpodilu. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1962. 60 p.

COSTS, INDUSTRIAL

Applying mathematical methods in measuring the influence of labor indices on the reduction of industrial costs. V. Khaikin. Mat. nauch. inform. trudi Vsesoiuz. plana 5 no. 3:12-19 '62.

Maslova, N. S., E. F. Borisov, and V. G. Pankrat'ev. [Wages and production costs in U. S. S. R. industries] Zarabotnaia plata i sebestoimost' produktsii v promyshlennosti SSSR. Pod obshchei red. K. N. Plotnikova. Moskva, Izd-vo ekon. lit-ry, 1962. 267 p.

COSTUME, UKRAINIAN

[Ukrainian folk art, clothing] Ukrains'ke narodne mystetstvo, vbrannia. Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry URSR, 1961. 325 p. incl. plates.

COTTON

"Cotton. Vol. 3." Reviewed by P. O. Gushchin. Uzb. biol. zhur. 6 no. 1:67-71 '62.

Effect of trace elements on the carbohydrate content of the cotton plant. V. I. Alieva. Dokl. AN Azerb. SSR 18 no. 1:77-81 '62.

Effect of various degrees of soil salinization on the ascorbic acid content of cotton. L. A. Poliakskaia. Izv. AN Turk. SSR Ser. biol. nauk no. 1:9-13 '62.

The pressing problem of developing the early maturing and high-yielding varieties of the cotton plant. S. Sadykov. Komm. Uzb. 31 no. 2:22-32. F '62.

COTTON—DISEASES AND PESTS
(see also subdivision under Uzbekistan)

Antibiotics in the control of gummosis in cotton. L. P. Starygina, M. R. Birkel', Sh. A. Safarov. Trudy Vses. inst. sel'khoz. mikrobiol. 17:60-67 '60.

Indices of the effectiveness of antibiotics used against gummosis in cotton. L. P. Starygina, M. R. Birkel'. Trudy Vses. inst. sel'khoz. mikrobiol. 17:5-17 '60.

COTTON—DRYING

Urgent problems of raw cotton drying. V. A. Gartman. Tekst. prom. 22 no. 2:13-16. F '62.

COTTON—IRRIGATION see subdivision under Kirghizistan

COTTON—TESTING

Manifestation of the law of lengthwise weight distribution in cotton fibers. L. A. Flekser, S. A. Aivazian. Izv. vys. ucheb. zav., tekh. tekst. prom. no. 1:37-41 '62.

COTTON BREEDING

Effect of various graft-stock on the heredity in the hybrid progeny of cotton. L. G. Arutiunova, K. A. Teshabaev. Agrobiologiia no. 1:26-31 Ja-F '62.

Germination of heterologous pollen in the pistil of cotton. G. V. Kamalova. Uzb. biol. zhur. 6 no. 1:10-14 '62.

COTTON FABRICS

Economic efficiency of an intensified bleaching of cotton fabrics. I. M. Katsman, N. E. Fedorova. Izv. vys. ucheb. zav., tekh. tekst. prom. no. 1:11-17 '62.

Use of sodium chlorite for the bleaching of cotton fabrics. M. G. Shifrer, L. A. Gotovtseva, L. A. Rybkina. Tekst. prom. 22 no. 3:64-67. Mr '62.

COTTON FABRICS—STANDARDS

Shortcomings of standards in force at the present time. M. I. Strakhov. Tekst. prom. 22 no. 3:30-31 Mr '62.

COTTON GINS AND GINNING

Once-through fiber cleaner for cotton gins. S. A. Samandarov, A. I. Krygin. Tekst. prom. 22 no. 3:36-39 Mr '62.

COTTON GROWING
(see also subdivision under Andizhan Province; Tashkent Province, Uzbekistan)

Controling the development of cotton crops. A. D. Churliaev. Trudy KirgNIIZ no. 3:18-25 '60.

COTTON GROWING—HYGIENIC ASPECTS see subdivision under Agdamsk District

COTTON MACHINERY
(see also subdivision under Uzbekistan)

[Textile machinery (catalog-handbook); cotton machinery] Tekstil'nye mashiny (katalog-spravochnik); mashiny khlopchatobumazhnogo proizvodstva. Moskva, Mashgiz, 1951. 123 p.

COTTON MANUFACTURE see subdivision under Glukhovo

COTTON SPINNING see subdivision under Krasnaya Polyana

COTTON WASTE—DISINFECTION

Experience in the use of fumigation for the disinfection of waste cotton. I. M. Poliakov and others. Izv. vys. ucheb. zav., tekh. tekst. prom. no. 1:167-168 '62.

COTTON WILT

Biology of the pathogens of the verticillium wilt of cotton. T. S. Panfilova, S. S. Ramazanova. Uzb. biol. zhur. 6 no. 1:15-20 '62.

Effect of trace elements on the activity of actinomyces and the resistance of cotton to verticillium wilt. S. A. Askarova, R. IA. Ioffe. Uzb. biol. zhur. 6 no. 1:5-9 '62.

COTTONSEED

Exosmosis of substances from cotton seeds in the process of soaking. M. Kh. Ibragimov. Uzb. biol. zhur. 6 no. 1:21-26 '62.

COUMARIN

Content of coumarin compounds in the different parts and organs of Prangos pabularia Lindl. G. A. Kuznetsova, L. V. Kuz'mina. But. zhur. 47 no. 3:409-412 Mr '62.

Coumarins from Heracleum sibiricum L. D. G. Kolesnikov, N. F. Komissarenko, V. T. Chernobai. Med. prom. 15 no. 6:32-35. Je '61.

COUMARONE-INDENE RESINS

Boron fluoride as catalyst in the polymerization reaction of unsaturated hydrocarbons of a heavy benzene fraction. E. P. Babin, B. A. Rozenberg, Z. A. Fishelevich. Koks i khim. no. 2:40-42 '62.

Corrosion resistance of materials in process media of the production of coumarone-indene resins. E. I. Gromov, V. N. Cherkashin. Koks i khim. no. 3:47-48 '62.

Production of clear and light-fast indene-coumarone resins by catalytic hydrogenation. I. M. Nosalevich and others. Koks i khim. no. 3:44-46 '62.

COUNTING DEVICES

Kolpakov, I. F. [Transistorized decade scaler with a resolving time of 10^{-7} sec.] Dekadnyi pereschatnyi pribor s razreshaiushchim vremenem 10^{-7} sek na poluprovodnikovykh triodakh. Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 15 p. [With summary in English]

Multiplying and dividing devices using heated metal resistances [with summary in English]. L. V. Zotov, V. S. Popov. Avtom. i telem. 23 no. 3:365-370 Mr '62.

The simplest simulating counting device. D. M. Zektser. Avtom., telem. i sviaz' 6 no. 2:31. F '62.

COUNTRY SCHOOLS see Rural schools

COURTS
(see also subdivision under Sweden, Tajikistan; Turkmenistan)

Moscow. Universitet. Kafedra ugolovnogo protsessa. [Organization of the judicial system and public prosecution in the U. S. S. R.] Organizatsiia suda i prokuratury v SSSR. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 308 p.

COURTYARDS

Landsberg, Iu. S. [Improvement of courtyards] Blagoustroistvo dvorovykh territorii. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1961. 120 p.

COW PARSNIP

Investigating some cow parsnip species used in popular medicine. L. K. Stakhorskaia. Trudy Len. khim.-farm. inst. 12:275-283 '61.

COWS

Milk productivity of cows with different constitutions in relationship to the protein structure of the blood. M. S. Portnova. Dop. VASHN 3 no. 2:39-41 Mr-Ap '60.

COWS—DISEASES

Total fat and lipase in the blood of cattle with diseases of the digestive tract with manifestations of atony of the rumen and following treatment with insulin. A. S. Kinash. Dop. VASHN 3 no. 2:51-53 Mr-Ap '60.

COXSACKIE VIRUSES

Course of an infectious process caused by a Coxsackie virus in irradiated mice. E. A. Brodskaia, O. G. Petrovskaia. Vop. virus. 7 no. 1:110. Ja-F '62.

Study of the properties of the Coxsackie virus B3. Report No. 1: Its properties in a tissue culture [with summary in English]. F. G. Iaglis. Vop. virus. 7 no. 1:100-101 Ja-F '62.

CRANE FLIES see subdivision under Tuva A. S. S. R.

CRANES, DERRICKS, ETC.

Classification of gantry crane boom systems. A. I. Dukel'skii, R. V. Skomorovskii. Trudy LIVT no. 4:35-39 '60.

Crane jibs with hinge-joints relieved from twisting. P. A. Samoilovich. Trudy LIVT no. 4:8-17 '60.

Dynamics of the mechanism controlling changes in the projection of hinge-connected booms with flexible guys. V. I. Braude. Trudy LIVT no. 4:18-26 '60.

Gantry crane with a 30-ton lifting power. A. Kolesnikov. Prom. stroi. i inzh. soor. 3 no. 2:57-59 Mr-Ap '61.

Improved control mechanism for the K-51 truck crane. A. Kodkin. Stroi. i arkhit. Mosk. 16 no. 12:33-34. D '61.

Kanilkal, N. S., M. G. Kuchet, and A. A. Kovalevich. [Selection and use of cranes for construction and assembly work] Vybor i primenenie stroitel'no-montazhnykh kranov. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1961. 183 p.

Method of determining the permissible load capacity of twin operation booms. N. V. Kokhmanovskii. [illegible] no. 28 no. 2:74-79. F '62.

Modernization of the SBK-1 tower crane. I. I. [illegible] V. Kotyshev. Prom. stroi. i inzh. soor. [illegible] Mr-Ap '61.

New crane for rural construction. IA. I. [illegible] stroi. 19 no. 3:27-29. Mr '62.

Planning is important for the effective use of tower cranes in construction. G. K. Khaladzhi. [illegible] 19 no. 3:24-25. Mr '62.

Shifting the base of tower cranes without dismantling. V. Golovko. Prom. stroi. i inzh. soor. [illegible] Mr-Ap '61.

Time length of gantry crane cycles. V. I. Strokin and I. I. Artem'ev. Trudy LIVT no. 4:4-7 '60.

CRANES, DERRICKS, ETC.—SAFETY MEASURES

Safety measures in erecting, dismounting and transporting tower cranes. V. I. Poltakov. Bezop. truda v prom. 6 no. 3:13-16. Mr '62.

CRANES, DERRICKS, ETC.—VIBRATION

Vibration damping of gantry crane booms with [illegible] Grigor'ev. Trudy LIVT no. 4:27-31 '60.

CRANES (BIRDS) see subdivision under [illegible]

CRANIAL NERVES see Nerves, Cranial

CRANKS AND CRANKSHAFTS

Making forgings of crankshaft journals for [illegible] by hot extrusion. IU. I. Konovalov. Kuz. [illegible] 4 no. 3:43-45. Mr '62.

Some characteristics of the production of [illegible] from high strength cast iron for SMD diesels [in many in English]. M. V. Volonchenko. A. I. [illegible] Nauk. prakt. inst. lyv. vyrob. AN URSR [illegible]

CRAWLER TRACTORS

Efficient use of the DT-54 tractor. N. P. [illegible] khoz. 15 no. 2:58-59. F '62.

CREATINE

Testicular synthesis of creatine. A. M. Alekseeva and V. I. Tkachenko. Vop. med. khim. 7 no. 1:24-[illegible] '61.

CREDIT see subdivision under Czechoslovakia [illegible] Ukraine

CREDIT INSURANCE see Insurance, Credit

CREEP OF MATERIALS

Effect of creep on the stressed state of [illegible] gular wedge [with summary in English]. [illegible] Inzh.-fiz. zhur. 5 no. 1:102-107. Ja '62.

CREEP OF METALS

Laws governing variations in the creep strength [illegible] under high-speed loading and at low temperatures [illegible] their significance in estimating the danger [illegible] failure. G. V. Uzhik, IU. IA. Volonchenko, Kh. [illegible] Dokl. AN SSSR 143 no. 4:802-804. Ap '62.

CRESOL

Cycloalkylation of phenols and their ethers. Va. [illegible] denation of o-cresol with cyclohexene]. A. N. [illegible] sulova, Sh. A. Imailova. Zhur. ob. khim. 32 [illegible] 700. Mr '62.

CRICKETS

Investigation of chemoreception in insects. [illegible] Report No. 1. Electrophysiological study [illegible] ception in crickets. IU. A. Elizarov. Nauch. [illegible] shkoly, biol. nauki no. 1:57-61 '62.

CRIME AND CRIMINALS

"Criminal homicide according to Soviet criminal law." I. I. Zagorodnikov. Reviewed by A. A. [illegible] gos. i pravo 32 no. 3:148-150. Mr '62.

General problems concerning the determination of [illegible] final offenses. G. A. Levitskii. Izv. vyn. [illegible] prav. 6 no. 1:141-145 '62.

How we struggle against antisocial groups. P. I. [illegible] nov. Sov. gos. i pravo 32 no. 3:133-135. Mr '62.

"The object of crime according to Soviet criminal law" by B. S. Nikiforov. Reviewed by V. N. Kudriavtsev. Izv. vys. ucheb. zav., prav. 6 no. 1:171-174 '62.

Vladimirov, V. A. [Crime must be prevented] Prestuplenie ne dolzhno sovershat'sia. [Moskva] Izd-vo VLKSM "Molodaia gvardiia," 1962. 140 p.

"Who are the perpetrators and what are the [illegible] criminal offenses in the U. S. S. R." by A. B. [illegible] Reviewed by G. I. Kocharov, S. S. Stepichev. [illegible] pravo 32 no. 3:145-148. Mr '62.

Zhogin, N. V. [When our decision determines the [illegible] of a man] Reshaia sud'bu cheloveka... Kazan', Kn. [illegible] skoe knizhnoe izd-vo, 1961. 196 p.

CRIME PREVENTION

"Personality of a criminal and causes of delinquency in the U.S.S.R." by A.B. Sakharov. Reviewed by G. Anashkin, A. IAkovlev. Kommunist 38 no 5 124-126 Mr '62.

Vladimirov, V. A. [Crime must be prevented] Prestuplenie ne dolzhno sovershat'sia. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1962. 140 p.

CRIMEA—BOOKSTORES

A beginning is made. L. Tikhonova. Sov. knizh. torg. 14 no. 3 26-27 Mr '62.

CRIMEA—BOTANY

Origin of the Crimean fauna and flora. S.IA. Paramonov. Priroda 51 no. 3 56-57 Mr '62.

CRIMEA—CITRUS FRUITS

Arendt, N. K., and A. A. Rikhter. [Species, varieties, and best hybrids of subtropical and nut-bearing plants, growing at the Nikita Botanical Garden] Vidy, sorta i luchshie gibridnye formy subtropicheskikh i orekhoplodnykh porod, proizrastaiushchie v Gosudarstvennom Nikitskom botanicheskom sadu. IAlta, 1960. 74 p. (Yalta. Gosudarstvennyi Nikitskii botanicheskii sad. Trudy, vol. 34)

CRIMEA—GUIDEBOOKS

Glinskii, M. IA., and V. I. Shilapeshnikov. [The Crimea; guide and reference book] Krym; putevoditel'-spravochnik. Simferopol', Krymizdat, 1962. 262 p.

CRIMEA—INDUSTRIES

Improve the overall development of industries in the Crimea. A. Sych. Ekon. Rad. Ukr. no. 1:67-73 Ja-F '62.

CRIMEA—LIBRARY ADMINISTRATION

Work of library councils. G. Koeva. Sots. kult. no. 2: 31-32 F '62.

CRIMEA—LICHENS

Basic groups of epiphytic lichens of the main woody plants in the Crimean State Game Preserve [with summary in English]. I.S. Kopachevs'ka. Ukr. bot. zhur. 18 no. 6:74-80 '61.

CRIMEA—MOLLUSKS, FOSSIL

Venericardia excellens sp. nov. from the Lower Palaeocene in the Crimea. L. P. Gorbach. Paleont. zhur. no. 1: 160-163 '62.

CRIMEA—NUTS

Arendt, N. K., and A. A. Rikhter. [Species, varieties, and best hybrids of subtropical and nut-bearing plants, growing at the Nikita Botanical Garden] Vidy, sorta i luchshie gibridnye formy subtropicheskikh i orekhoplodnykh porod, proizrastaiushchie v Gosudarstvennom Nikitskom botanicheskom sadu. IAlta, 1960. 74 p. (Yalta. Gosudarstvennyi Nikitskii botanicheskii sad. Trudy, vol. 34)

CRIMEA—SOILS

Composition and some properties of humus in brown soils of Crimea [with summary in English]. M. I. Dolgilevich, M. A. Kochkin, N. F. Sevast'ianov. Pochvovedenie no. 2 92-99 F '62.

CRIMEA—STONE IMPLEMENTS

Find of Mousterian sharp stone implements on the southern coast of the Crimea. M. D. Gvozdover, E. N. Nevesskii. Trudy Kom. chetv. per. no. 20, 149-152 '61.

CRIMEA—TROPICAL PLANTS

Arendt, N. K., and A. A. Rikhter. [Species, varieties, and best hybrids of subtropical and nut-bearing plants, growing at the Nikita Botanical Garden] Vidy, sorta i luchshie gibridnye formy subtropicheskikh i orekhoplodnykh porod, proizrastaiushchie v Gosudarstvennom Nikitskom botanicheskom sadu. IAlta, 1960. 74 p. (Yalta. Gosudarstvennyi Nikitskii botanicheskii sad. Trudy, vol. 34)

CRIMEA—ZOOLOGY

Origin of the Crimean fauna and flora. S.IA. Paramonov. Priroda 51 no. 3:56-57 Mr '62.

CRIMES AND CRIMINALS

Criminal responsibility for offenses against the representatives of foreign states. G. Z. Anashkin. Sov. gos. i pravo 32 no. 4:121-126 Ap '62.

CRIMINAL INVESTIGATION

Participation of defense counsels in pretrial investigation brings good results. V. Stremovskii, A. Teplinskii. Sov. iust. no. 24:13 D '61.

"Pretrial investigation in Soviet criminal procedure" by V. A. Stremovskii. Reviewed by V. M. Savitskii. Izv. vys. ucheb. zav., prav. 6 no. 1:174-176 '62.

Zhogin, N. V. [When our decision determines the destiny of a man] Reshaia sud'bu cheloveka... Kazan', Tatarskoe knizhnoe izd-vo, 1961. 198 p.

CRIMINAL LAW
(see also subdivision under Estonia; Georgia; Germany, West)

Humane features of Soviet law. G. Anashkin. Sov. iust. no. 24:1-3 D '61.

CRIMINAL PROCEDURE
(see also subdivision under France; Latvia)

"Judicial examination in Soviet criminal procedure" by I. D. Perlov. Reviewed by V. A. Ivanov and others. Izv. vys. ucheb. zav., prav. 6 no. 1:177-183 '62.

More attention to court rulings. IA. Grinberg. Sov. iust. no. 24:19-20 D '61.

Problems concerning the development of the democratic principles of criminal procedure in the light of the program of the CPSU. I. D. Perlov. Sov. gos. i pravo 32 no. 4:86-97 Ap '62.

Program of the CPSU and some problems of criminal procedure. P. S. El'kind. Izv. vys. ucheb. zav., prav. 6 no. 1:29-40 '62.

Rakhunov, R. D. [Parties in Soviet criminal procedure] Uchastniki ugolovno-protsessual'noi deiatel'nosti po sovetskomu pravu. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 276 p.

The ways to regulate criminal procedure [with summary in English]. P. S. El'kind. Vest. LGU no. 5,123-135 '62.

CRIMINAL PSYCHOLOGY

"Personality of a criminal and causes of delinquency in the U.S.S.R." by A. B. Sakharov. Reviewed by G. Anashkin, A. IAkovlev. Kommunist 38 no. 5 121-126 Mr '62.

CRINOTHENE see Polyethylene

CROHN'S DISEASE see Regional ileitis

CROP ROTATION see Rotation of crops

CROPS AND CLIMATE

Lysenko, T. D. [Plant nutrition from soil is the basic problem of agricultural research] Pochvennoe pitanie rastenii - korennoi vopros nauki zemledeliia. Sb., dop. izd. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1962. 221 p.
(DA)

Sharapov, N. I. [Laws of chemical mechanisms in plants; on quality of harvest] Zakonomernosti khimizma rastenii; o kachestve urozhaia. Moskva, Izd-vo Akad. nauk SSSR, 1962. 129 p.
(DA)

CROSS, SIGN OF THE

Skuja, P. [What is the cross?] Kas ir krusts? Riga, Latvijas Valsts izdevniecība, 1961. 52 p. [In Latvian]

CROSS-FIELD GENERATORS see Rotating amplifiers

CROUP

Croup of parainfluenzal etiology [with summary in English] K. V. Bilumental', A. G. Bukrinskaia. Pediatriia no. 2:43-48 '62.

Suction of films and mucus from the respiratory passages after a tracheotomy in diffuse croup. M. V. Rostapshov, I. V. Shterental'. Pediatriia no. 2:48-50 '62.

CRUCIBLES

Basic crucibles for induction furnaces. I.S. Prianishnikov. Ogneupory 27 no. 2,66-70 '62.

CRUCIFERAE see Brassicaceae

CRUSHED STONE see Stone, Crushed

CRUSHING MACHINERY

Effect of the size grinding elements on ball mill performance. S. A. Rabinovich. Stek. i ker. 19 no. 3 26-26 Mr '62.

Modernization of 3200 and 3100 UZTM ball mills. V. IA. Ozolin. Obog. rud. 7 no. 1 40-42 '62.

Process of forming a circulating load in ball mills. S. E. Andreev. Obog. rud. 6 no. 6:5-6 '61.

Use of ball-free mills for the comminution of iron quartzites. S. A. Zaikin, V. I. Karmazin, L. P. Shupov. Obog. rud. 6 no. 3:39-41 '61.

CRUSHING MACHINERY—FOUNDATIONS

Rapid concreting of underground crushing machine foundations. E. T. Andreev and others. Shakht. stroi. 6 no. 3:20-23 Mr '62.

CRUSTACEA

Ways of adaptation to changes in the chemical conditions of the environment in crustaceans. A. N. Zubov. Trudy MMBI no. 3:61-82 '61.

CRYOLITE—THERMAL PROPERTIES

Chemical stability of molten cryolite. V. P. Mashovets, N. A. Novikova. Izv. vys. ucheb. zav., tsvet. met. 5 no. 2:78-80 '62.

CRYOSTAT

Cryostat for investigating the anisotropy of galvanomagnetic properties of crystals. V. D. Krest'iankin, V. I. Novikov, A. G. Ostroumov. Prib. i tekh. eksp. 7 no. 1 194-195 Ja-F '62.

Cryostat for X-ray diffraction studies at low temperatures. L. P. Potapov. Prib. i tekh. eksp. 7 no. 1 196-197 Ja-F '62.

Metal cryostat for optical investigations at liquid helium temperatures. E. V. Potapov. Prib. i tekh. eksp. 7 no. 1:192-193 Ja-F '62.

CRYPTOGRAMS

Species of flowering and cryptogamous plants in the Lapland Preserve [with summary in English] T. P. Nekrasova. Trudy Lap. gos. zap. no. 4 127-188 '60.

CRYPTOGRAMS, VASCULAR see Pteridophyta

CRYSTAL LATTICES

Bonding forces in crystal lattices of α-iron, Fe-Cr, and Fe-Mn solid solutions. I. Kh. Vainvoda. Fiz. met. i metalloved. 13 no. 1 144-146 Ja '62.

Connection between the temperature of melting of chemical elements with the shortest interatomic distance in their crystal lattices. A. N. Krestovnikov, V. N. Vigdorovich. Sbor. nauch. trud. GINTSVETMET no. 33 421-430 '60.

Effect of high temperature thermomechanical treatment on the fine crystal structure of austenitic steels and alloys. M. G. Lozinskii and others. Fiz. met. i metalloved. 13 no. 1:137-143 Ja '62.

Effect of the addition of small concentrations on the electrical resistance of metals. S. I. Masharov. Fiz. met. i metalloved. 13 no. 2:166-172 '62.

Isocapacity in electrophotography. V. M. Fridkin. Dokl. AN SSSR 143 no. 4:825-828 Ap '62.

Measuring lattice parameters and residual stresses of the first order by means of X rays. M. M. Shved. Fiz. met. i metalloved. 13 no. 1 146-148 Ja '62.

Regions of coherent rearrangement of crystal lattices during martensite transformations in carbon steel. V. I. Arkharov, Z. V. Korendiaseva. Fiz. met. i metalloved. 13 no. 1 97-106 Ja '62.

CRYSTALLINE LENS

Experiments on injuries to the irradiated crystalline lens [with summary in English] V. V. Popov. Zhur. ob. biol. 23 no. 1:24-34 Ja-F '62.

CRYSTALLINE LENS—RADIOGRAPHY

Change in the proteins of the crystalline lens in experimental radiation cataract [with summary in English] K. F. Fil'farova, E. M. Kedrova. Vop. med. khim. 7 no. 3 285-291 My-Je '61.

CRYSTALLINE LENS—SURGERY

Preliminary results of the implantation into the eye of an artificial lens made from Soviet plastic [with summary in English] S. N. Fedorov. Oft. zhur. 17 no. 1 19-24 '62.

CRYSTALLIZATION

Effect of complex formation on the cocrystallization coefficient. N. B. Mikheev, L. M. Mikheeva. Zhur. neorg. khim. 7 no. 3,671-675 Mr '62.

Effect of stretching on the structure and properties of polyethyleneterephthalate films. Part 5: X-ray diffraction studies of crystallization processes occurring in uniaxially oriented films [with summary in English] G. L. Berestneva, D. IA. TSvankin, P. V. Kozlov. Vysokom. soed. 3 no. 12 1787-1793 D '61.

Improvement of steel structure during the vibration of steel being crystallized. A. A. Romanov, P. V. Umrikhin. Trudy Ural. politekh. inst. no. 93 138-151 '59.

Methods for increasing frost resistance of polymers. V. V. Chernaia, R. L. Vol'chenko. Usp. khim. 31 no. 3 336-360 Mr '62.

New evidence of the origin of granular graphite in microscopic bubbles during primary crystallization of cast iron [with summary in English] A. A. Horshkov. Nauk. pratsi Inst. lyv. vyrob. AN URSR 0:5-21 '60.

Recrystallization of cold-drawn stainless steel. L. A. Dolinskaia and others. Metalloved. i term. obr. met. no. 2,34-36 F '62.

Use of low-frequency vibration during crystallization in order to improve the structure and properties of nonferrous alloy ingots and castings. A. I. Novikov, G. A. Korol'kov, V. S. Zolotorevskii. Sbor. nauch. trud. GINTSVETMET no. 33 237-262 '60.

CRYSTALLOGRAPHY

Crystal chemistry of complex platinum compounds. Part 1: Compounds of quadrivalent platinum. G. A. Kukina. Zhur. struk. khim. 3 no. 1:108-117 Ja-F '62.

Crystal structure of Ta_2Ni. P. I. Kripiakevich, E. N. Pylaeva. Zhur. strukt. khim. 3 no. 1 36-37 Ja-F '62.

Crystalline structure of lesserite $[Mg[B_3O_3(OH)_5] \cdot 5H_2O]$. A. Ashirov, I. M. Rumanova, N. V. Belov. Dokl. AN SSSR 143 no. 2:331-334 Mr '62.

Crystallographic data of some derivatives of acenaphthene. Zhur. strukt. khim. 3 no. 1:99 Ja-F '62.

Crystallographic data of some derivatives of bicyclo (2, 2, 1)heptane. R. L. Avotin, IU. T. Struchkov. Zhur. strukt. khim. 3 no. 1:100 Ja-F '62.

Hauy, R. J. [Structure of crystals; selected works. Translated from the French] Struktura kristallov, izbrannye trudy. Sostavlenie, stat'ia i primechaniia I. I. Shafranovskogo. Redaktsiia A. V. Shubnikova i G. B. Boklia. [Moskva] Izd-vo Akad. nauk SSSR, 1962. 475 p. (Akademiia nauk SSSR. Klassiki nauki)

"Homology of crystals" by V. I. Mikheev. Zap. Vses. min. ob-va 91 no. 1:123-124 '62.

Seventy-five years of the study of space symmetry groups. N. V. Belov. Zap. Vses. min. ob-va. 91 no. 1:3-13 '62.

CRYSTALLOGRAPHY (Continued)

So-called "twin intergrowths" of minerals of the platinum group. I. I. Shafranovskii. Zap. Vses. min. ob-va. 91 no. 1 78-80 '62.

CRYSTALLOGRAPHY—BIBLIOGRAPHY see Bibliography—Crystallography

CRYSTALLOGRAPHY, MATHEMATICAL

Determining the lattice constant of cubic crystals by the method of nonstandard reversal photographs on a plane cassette. N. V. Margolis. Inform. biul. NIIGA. no. 16 51-60 '59.

CRYSTALS

New scintillation organic single crystals. Iu. V. Nabolkin and others. Prib. i tekh. eksp. 7 no. 1 57-59 Ja-F '62.

Using the method of high-temperature formation for obtaining thin scintillation crystal plates. Ia. E. Geguzin, A. A. Shpunt. Prib. i tekh. eksp. 7 no. 1 59-60 Ja-F '62.

CRYSTALS—GROWTH

Kapustin, A. P. [Effect of ultrasound on the kinetics of crystallization] Vliianie ul'trazvuka na kinetiku kristallizatsii. Moskva, Izd-vo Akad. nauk SSSR, 1962. 106 p.

Swimming magnets and swimming crystals. A. V. Shubnikov. Priroda. 51 no. 3, 17-22 Mr '62.

CRYSTALS—MAGNETIC PROPERTIES

Cryostat for investigating the anisotropy of galvanomagnetic properties of crystals. V. D. Krestinkin, V. I. Novikov, A. G. Ostroumov. Prib. i tekh. eksp. 7 no. 1 194-195 Ja-F '62.

CRYSTALS—OPTICAL PROPERTIES

Transmission of light through plates made from uniaxial optically active crystals of the axial classes. Part 1. General solution. F. I. Fedorov, A. F. Konstantinova. Opt. i spektr. 12 no. 3:407-411 Mr '62.

CRYSTALS—SPECTRA

Mossbauer effect for an impurity nucleus in a crystal. Part 1 [with summary in English]. Iu. Kagan, Ia. A. Iosilevskii. Zhur. eksp. i teor. fiz. 42 no. 1 259-272 Ja '62.

CTENOPHORA (COELENTERATA) see subdivision under Murman Coast

CUBA—CULTURE

For a renaissance of revolutionary art, on the First Congress of Cuban Writers and Artists. V. Kuteishchikova. Vop. lit. 6 no. 2 170-175 F '62.

CUBA—ECONOMIC ASSISTANCE, RUSSIAN

This is all for Cuba. K. Cherevkov. Ogonek. 40 no. 10 2 Mr '62.

CUBA—ECONOMIC CONDITIONS

Gonionskii, S. A. [Cuba strides forward] Kuba idet vpered. Moskva, Izd-vo "Znanie," 1962. 31 p. (Novoe v zhizni, nauke, tekhnike, Seriia 7. Mezhdunarodnaia, no. 1)

There is trouble in the Carribean. V. Levin. Nov. vrem. 20 no. 14, 13-14 Ap '62.

The workers of Cuba are building their country's future. Sugiu. Vsem. prof. dvizh. no. 2 24-27, 31 F '62.

CUBA—ETHNOLOGY

"Cuba, historical and ethnographical essays." Reviewed by Sergei L'vov. Novyi mir. 38 no. 3 276-278 Mr '62.

CUBA—FOREIGN ECONOMIC RELATIONS—UNITED STATES

"Role of North American imperialism in the national economy of Cuba" [in Spanish] by O. P. Santos. Reviewed by O. M. Oltianu. Vop. ist. no. 4, 176-177 Ap '62.

CUBA—FOREIGN RELATIONS

Gonionskii, S. A. [Cuba strides forward] Kuba idet vpered. Moskva, Izd-vo "Znanie," 1962. 31 p. (Novoe vizhizni, nauke, tekhnike, Seriia 7. Mezhdunarodnaia, no. 1)

Peoples are with you, the island of freedom! Iu. Luk'ianov. Sov. profsoiuzy. 18 no. 5 42 Mr '62.

CUBA—FOREIGN RELATIONS—UNITED STATES

There is trouble in the Carribean. V. Levin. Nov. vrem. 20 no. 14 13-14 Ap '62.

CUBA—HISTORY

"Cuba, historical and ethnographical essays." Reviewed by Sergei L'vov. Novyi mir. 38 no. 3:276-278 Mr '62.

CUBA—PAPER INDUSTRY

Woodpulp and paper and paper processing industry of Cuba. V. N. Shul'gin, V. I. Mudrik. Bum. prom. 37 no. 3:30-31 Mr '62.

CUBA—POLITICS AND GOVERNMENT

Destruction of the old state apparatus and the establishment of the new governmental organization in Cuba. O. Oltianu. Izv. vys. ucheb. zav. ;prav. 6 no. 1:127-134 '62.

Lisniak, V. [Heroic Cuba] Heroichna Kuba. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1961. 67 p.

We know Cuba is not alone. Henrique Pineda Barnet. Ogonek. 10 no. 9 2 F '62.

CUBA—RELATIONS (GENERAL) WITH RUSSIA

Friends from Cuba. Teatr. 23 no. 3:21 Mr '62.

CUBA—TRADE UNIONS

The workers of Cuba are building their country's future. Sugiu. Vsem. prof. dvizh. no. 2, 24-27, 31 F '62.

CUCUMBERS—DISEASES AND PESTS

Causative organism of cucumber bacteriosis Pseudomonas lachrymans (Smith et Bryan) Rettaris and its characteristics. L. N. Bushkova. Nauch. dokl. vys. shkoly, biol. nauki. no. 1 165-169 '62.

CUCUMBERS—VARIETIES

Some biological and physiological peculiarities of cucumber hybrids marked by heterosis [with summary in English]. L. F. Molokodova. Fiziol. rast. 9 no. 1 69-74 '62.

CULTIVATED PLANTS see Plants, Cultivated

CULTIVATORS

The KRN-1, 4 rotary cultivator. L. IA. Zagovskii. Biul. tekh.-ekon. inform. no. 2 61-63 '62.

Weak resistance of cultivator sweeps in the cultivation of interrows in tea plantations. V. N. Rusteshvili. Subtrop. kul't. no. 1 23-28 '61.

CULVERTS

New specifications for designing railroad, highway, and city bridges and culverts. B. K. Kozlovskii. Avt. dor. 25 no. 3 29-30 Mr '62.

Specifying the calculation of the apertures of water conduits. L. G. Rabukhin. Avt. dor. 25 no. 3 23-24 Mr '62.

CUMARIN see Coumarin

CUMENE

Emulsion oxidation of alkyl aromatic hydrocarbons under pressure. Part 3. Effect of hydrogen peroxide on the reaction of oxidation of isopropylbenzene and 1, 1-diphenylethane. R. V. Kucher, S. D. Kaz'min. Kin. i kat. 3 no. 1 31-35 '62.

CUPOLA FURNACES

Heating of cast iron on the cupola runner using a low voltage, commercial frequency current [with summary in English]. V. I. Petrov. Nauk. pratsi Inst. lyv. vyrob. AN URSR. 9 102-107 '60.

Noncontact system for automatic charging of mixture into cupola furnaces. I. S. Eremeev. Avtom. i prib. no. 1 8-11 Ja-Mr '62.

Overheating of cupola iron. F. N. Tavadze, B. V. Petriashvili, M. D. Lanchava. Lit. proizv. no. 3 10-12 Mr '62.

Technological prerequisites for introducing automatic control of the cupola process. L. M. Marienbakh, IU. S. Sukhanchuk. Lit. proizv. no. 3:1-4 Mr '62.

CUPOLA FURNACES—COOLING

Operation of water-cooler cupola furnaces. P. L. Khokhlov and others. Stal'. 22 no. 3 286-287 Mr '62.

CURARELIKE SUBSTANCES

Bis-trimethylammonium and bis-dimethylsulfone compounds of the diphenylethane series as curarelike substances. S. F. Torf, N. V. Khormov-Borisov. Med. prom. 15 no. 6 18-22 Je '61.

Use of curarelike preparations in combination with endotracheal respiration in severe forms of tetanus [with summary in English]. L. M. Popova and others. Klin. med. no. 3 75-80 '62.

CURRANTS

New bud formations in black currants. V. L. Vitkovskii. Bot. zhur. 47 no. 3:394-398 Mr '62.

CURVATURE

Infinitesimal bends in the "slide" of surfaces of revolution with negative curvatures [with summary in English]. V. I. Mikhailovskii. Ukr. mat. zhur. 14 no. 1:18-29 '62.

Some properties of solutions of the Gauss equation. I. N. Vekua. Trudy Mat. inst. 64:5-8 '61.

CURVES

Problem of the centroequiaffine geometry of flat curves of the 3d and 4th orders. E. G. Neifel'd. Trudy Sem. po vekt. i tenz. anal. no. 11:309-310 '61.

Some properties of "isoclines." IA. Sh. Kaplunovich. Izv. vys. ucheb. zav. ;mat. no. 6:43-50 '61.

Theory of curves in (n-1)-dimensional projective space. N. F. Rzhekhina. Trudy Sem. po vekt. i tenz. anal. no. 11: 153-164 '61.

CURVES, PLANE

Peano curves. I. P. Natanson. Mat. pros. no. 6:227-235 '61.

CUSTOMS DUTIES see Tariff

CUTTING MACHINES

Machine for stripping electric wires. N. F. Kurliandskaia. Mashinostroitel' no. 3:41 Mr '62.

CYANAMIDE—SPECTRA

Comments on the article "Rotational spectrum of the cyanamide molecule." J. K. Tyler, L. F. Thomas, J. Sheridan. Opt. i spektr. 12 no. 3 457 Mr '62.

CYNANCHE TRACHEALIS see Croup

CYANINES

Cyanine dyes from 2-methylacenaphtheno-(1, 2-d)-thiazole. E. D. Sych, A. A. Shulezhko, A. I. Kiprianov. Ukr. khim. zhur. 28 no. 2:213-218 '62.

Imidocyanines containing electronegative substituents. A. V. Stetsenko, V. K. Lishko. Ukr. khim. zhur. 28 no. 2 218-222 '62.

CYANOCOBALAMINE

Data for the study of the effect of vitamin B_{12} on the course of experimental infection and the immunological reaction of the body [with summary in English]. I. P. Ebert, O. V. Bukhanin. Biul. eksp. biol. i med. 53 no. 1, 77-81 Ja '62.

Effect of ionizing radiation on the concentration of vitamin B_{12}. M. O. Pogosian. Vop. radiobiol. [AN Arm. SSR] 1:103-105 '60.

Effect of vitamin B_{12} on conditioned reflex activity in dogs [with summary in English]. A. T. Pshenik, A. A. Gribanov. Zhur. vys. nerv. deiat. 11 no. 6 1025-1031 N-D '61.

Effect of vitamin B_{12} on phagocytosis [with summary in English]. O. V. Bukhanin. Zhur. mikrobiol., epid. i immun. 33 no. 2, 37-41 F '62.

Effect of vitamin B_{12} on the healing of experimental gastric ulcers induced by atophan [with summary in English]. A. S. Lazarietnik. Vrach. delo no. 2 25-29 F '62.

Therapeutic significance of vitamin B_{12} in atherosclerosis [with summary in English]. G. K. Lavskii, D. I. Pushkina. Terap. arkh. 34 no. 3:52-54 '62.

Treatment of benzene intoxication with vitamin B_{12} and folic acid; experimental and clinical data [with summary in English]. O. G. Vasil'eva, L. A. Zorina, Ill. P. Santos. Gig. truda i prof. zab. 5 no. 6 30-33 Je '61.

Vitamin B_{12} in the treatment of chronic benzene poisoning [with summary in English]. G. V. Chernega. Gig. truda i prof. zab. 4 no. 12 21-27 D '60.

CYANOETHYLATION

Decyanoethylation and recyanoethylation of products of N-cyanoethylation of amino acids, their derivatives, peptides, diketopiperazines, and proteins. P. I. Buckus and others. Zhur. ob. khim. 32 no. 3 733-741 Mr '62.

CYANONICKELATES

Sulfur-containing tricyanonickelate of potassium. A. P. Sergeeva, K. N. Mikhalevich. Zhur. neorg. khim. 7 no. 3, 686-688 Mr '62.

CYANURIC CHLORIDE

Synthesis of new derivatives of cellulose and other polysaccharides. Part 18: Synthesis of sulfo derivatives of cellulose cyanurate [with summary in English]. I. P. Gal'braikh and others. Vysokom. soed. 4 no. 3, 401-413 Mr '62.

CYBERNETICS

Cybernetics and automatic control. V. A. Trapeznikov. Avtom. i telem. 23 no. 3, 279-280 Mr '62.

Cybernetics and planning. O. Bukaiev. Nauka i zhyttia 11 no. 2 20-23 F '62.

Cybernetics should be used in road construction. I. V. Zashchuk. Avt. dor. 25 no. 3:5-6 Mr '62.

Engineering cybernetics. Avtom. i telem. 23 no. 3 273-278 Mr '62.

CYCLIZATION

Cyclization of isoprenoid compounds. Report No. 5. Low-temperature cyclization of geraniol acetate. V. A. Smit, A. V. Semenovskii, V. F. Kucherov. Izv. AN SSSR. Otd. khim. nauk. no. 3 470-476 Mr '62.

New possibility of building-up a ring system of the D steroid molecule. V. I. Gunar, S. I. Zav'ialov. Izv. AN SSSR. Otd. khim. nauk. no. 3:527-529 Mr '62.

Reaction of cycloacylation of heterocyclic keto-enols. Part 7: Cyclization of phenyl hydrazones of 3-acyl-4-hydroxycarbostyrils. N. S. Vul'fson, R. B. Zhurin. Zhur. ob. khim. 32 no. 3:991-994 Mr '62.

CYCLOBUTANE

Synthesis of thiazolidone derivatives of biological interest. Part 18. N, N'-tetramethylene-bis-rhodanine and its 5, 5'-diarylidene derivatives. N. M. Turkevich, V. M. Vvedenskii, L. I. Petlichnaia. Zhur. ob. khim. 32 no. 3:980-981 Mr '62.

CYCLOHEXADIENE

Different catalytic activities of platinum and palladium in cyclohexene and cyclohexadiene conversions. V. M. Grigznov and others. Kin. i kat. 3 no. 1:99-102 '62.

CYCLOHEXANE

Stereochemistry and mechanism of dehydration of cyclohexane derivatives. N. IA. Grigor'eva, V. F. Kucherov. Usp. khim. 31 no. 1, 30-72 Ja '62.

CYCLOHEXANOL

Cycloalkylation of phenols and their ethers. Part 5. Condensation of o-cresol with cyclohexanol. A. R. Abdurasuleva, Sh. A. Israfilova. Zhur. ob. khim. 32 no. 3 701-706 Mr '62.

CYCLOHEXANONE

Effect of the additions of carboxylic acids on the oxidation of cyclohexanone in the liquid phase. K. A. Chervinskii, V. I. Karban. Ukr. khim. zhur. 28 no. 2 198-202 '62.

CYCLOHEXENE

Different catalytic activities of platinum and palladium in cyclohexene and cyclohexadiene conversions. V. M. Grigaznov and others. Kin. i kat. 3 no. 1 99-102 '62.

CYCLOHEXENECARBOXYLIC ACID

Cyclization of isoprenoid compounds. Report No. 6. Conversions of α- and β-cyclogeranic acids under the effect of sulfuric acid. V. A. Smit, A. V. Semenovskii, V. F. Kucherov. Izv. AN SSSR. Otd. khim. nauk. no. 3 471-484 Mr '62.

CYCLOIDS, MIXED (CHEMISTRY) see Heterocyclic compounds

CYCLONES see subdivision under Arctic regions

CYCLOPENTADIENE

Hydrogen isotope exchange of cyclopentadienylmanganesetricarbonyl. A. N. Nesmeianov and others. Dokl. AN SSSR. 143 no. 2;351-353 Mr '62.

Thermal copolymers of cyclopentadiene with vegetable oils. G. L. Ilkhovskii, A. V. Chernobai. Lakokras. mat. i ikh prim. no. 6 20-22 '61.

CYCLOPENTANE

Vapor-phase nitration of hydrocarbons of the cyclopentane series. Part 4: Nitration of butylcyclopentane. M. A. Peredreeva, IA. I. Denisenko, S. S. Novikov. Izv. vys. ucheb. zav.; khim. i khim. tekh. 4 no. 6; 977-980 '61.

CYCLOPENTANE—SPECTRA

Electronic paramagnetic resonance spectrum of the cyclopentyl radical. G. M. Zhidomirov, N. N. Bubnov. Opt. i spektr. 12 no. 3;445-446 Mr '62.

CYCLOPROPANE

Reactions of aliphatic diazo compounds with unsaturated compounds. Part 22. Catalytic condensation of diazoacetic ester with cis- and trans-stilbenes and 4-octenes. Synthesis of new derivatives of cyclopropane. I. A. D'iakonov and others. Zhur. ob. khim. 32 no. 3 928-939 Mr '62.

CYCLOSERINE

Depression of the activity of glutamic-pyruvic aminopherase with DL-cycloserine and other compounds [with summary in English]. E. D. Vyshepan, K. I. Ivanova, A. M. Chernukh. Biul. eksp. biol. i med. 52 no. 7;76-80 Jl '61.

Immediate results of combined chemotherapy with the use of cycloserine [with summary in English]. M. N. Dobrokhota and others. Klin. med. no. 3-130-136 '62.

CYCLOTRON

Focusing properties of a cyclotron with a sectioned magnet system [with summary in English]. IU. Lembra. Izv. AN Est. SSR. Ser. fiz.-mat. i tekh. nauk no. 1-50-58 '62.

Studying the Fermi surface in lead by the cyclotron resonance method [with summary in English]. M. S. Khaikin, R. T. Mina. Zhur. eksp. i teor. fiz. 42 no. 1; 35-41 Ja '62.

Studying the Fermi surface in tin by the cyclotron resonance method [with summary in English]. M. S. Khaikin. Zhur. eksp. i teor. fiz. 42 no. 1;27-34 Ja '62.

CYCLOTRON—CONGRESSES

[Abstracts of reports and communications at the Conference on Cyclotron Problems, April 10, 1961] Rezume dokladov i soobshchenii po obmenu opytom i po nauchnym issledovaniiam na tsiklotronakh. Krakov, In-t iadernoi fiziki, 1961. 137 p. [In Russian and English] (NJP)

CYLINDERS

Determining the stressed state of a thin-walled hollow cylinder under conditions of the nonlinear law of elasticity. I. A. TSurpal. Prykl. mekh. 8 no. 2;215-219 '62.

Elementary elastoplastic deformation of a circular cylinder subjected to torsion [with summary in English]. M. Iu. Shvaiko. Prykl. mekh. 8 no. 2;148-154 '62.

CYMENE

2-Isopropyl- and 2, 5-diisopropylhydroquinones. V. A. Bogoliubskii. Zhur. ob. khim. 32 no. 3;869-873 Mr '62.

CYPRESS see subdivision under Ural Mountain region

CYPRINODONTES, FOSSIL see subdivision under Transcaucasia

CYSTS

Bronchogenic mediastinal cysts [with summary in English]. A. G. Karavanov, Z. M. Gorbunova. Grud. khir. 1 no. 3;98-102 My-Je '59.

Leukemia and cysts in mice from the AFB line [with summary in English]. V. A. Parnes. Biul. eksp. biol. i med. 53 no. 1.86-92 Ja '62.

CYTIDINE

Excretion of desoxycytidine in the urine in acute radiation sickness [with summary in English]. K. S. Kostiakov, N. I. Libikova, T. N. Merkina. Med. rad. no. 3 31-35 '62.

CYTODIAGNOSIS see Diagnosis, Cytologic

CYTOLOGY

Cytology in practice. A. S. Troshin, V. P. Paribok, S. A. Krolenko. Izv. AN SSSR. Ser. biol. 27 no. 1 127-130 Ja-F '62.

CYTOTOXIC DRUGS

Antibacterial and antineoplastic properties of the antibiotic 6613 [with summary in English]. V. A. Shorin and others. Antibiotiki 6 no. 11 979-983 N '61.

Antileukemic activity of antibiotic 6613 [with summary in English]. A. IA. Krashilina, E. I. Terent'eva, L. I. Zaretskii. Pat. fiziol. i eksp. terap. 6 no. 1,59-62 Ja-F '62.

Antineoplastic activity of the antibiotic olivomycin [with summary in English]. V. A. Shorin and others. Antibiotiki 7 no. 3,60-64 Mr '62.

Comparative evaluation of the antineoplastic activity of antibiotic 6270 and echinomycin [with summary in English]. O. K. Rossolimo, G. N. Lepeshkina. Antibiotiki 7 no. 4;345-348 Ap '62.

Effect of "ftorametasarkolizin" and "ftoran" on the sarcoma-45, resistant to sarcolysine and dopan. S. A. Papoian. Vop. radiobiol. [AN Arm. SSR] 1;165-169 '60.

Effect of "ftoran" and "ftorametasarkolizin" on the osteogenic sarcomas induced by radioactive strontium-90, morphologic changes in them and in some other experimental tumors. S. A. Papoian. Vop. radiobiol. [AN Arm. SSR] 1 149-163 '60.

Effect of the antibiotic olivomycin on transplanted tumors [with summary in English]. M. M. Maevskii and others. Antibiotiki 7 no. 3 61-67 Mr '62.

Kinetic characteristics of the antitumoral activity of chemical compounds of various classes. N. M. Emanuel', N. P. Konovalova, I. M. Dronova. Dokl. AN SSSR 143 no. 3-737-740 Mr '62.

Preliminary results of the clinical test of the antibiotic olivomycin [with summary in English]. R. N. Kuchkarev. Antibiotiki 7 no. 3,67-70 Mr '62.

CZECH LANGUAGE—GRAMMAR

Shitikova, A. G. [Czech language; a textbook for college] Cheshskii iazyk, dopyshcheno v kachestve uchebnika dlia filologicheskikh fakul'tetov gosudarstvennykh universitetov i pedagogicheskikh vuzov SSSR. Moskva, Izd-vo lit-ry na inostr. iazykakh, 1961. 350 p. (CaOTU) (RPB)

CZECH LITERATURE—HISTORY AND CRITICISM

Burlanek, Frantisek. [Contemporary Czech literature; remarks on Czech poetry, prose, and drama] Sovremennaia cheshskaia literatura; zametki o cheshskoi poezii, proze, dramaturgii. Moskva, Izd-vo "Znanie," 1962. 47 p. (Novoe v zhizni, nauke, tekhnike. Seriia 6. Literatura i iskusstvo, no. 4)

CZECH NAMES see Names, Czech

CZECHOSLOVAKIA

Soukup, Frantisek. [Czechoslovakia. Translated by A. Rudzroga] Čehoslovakija. Riga, Latvijas Valsts Izdevnieciba, 1961. 138 p. [In Latvian]

CZECHOSLOVAKIA—ARMY

The day still was not ended. J. Cerveny. Starsh.-serzh. no. 12;32 D '61.

CZECHOSLOVAKIA—BUILT-IN FURNITURE

Novikov, S. IA., and A. M. Strongin. [Experience in the manufacture of built-in furniture in enterprises in Czechoslovakia] Opyt proizvodstva vstroennoi mebeli na predpriiatiiakh Chekhoslovakii. Leningrad, 1961. 23 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Serila: Derevoobrabotyvaiushchaia promyshlennost', no. 6)

CZECHOSLOVAKIA—CERAMIC PLANTS

Production of sanitary engineering and structural ceramics in the "Spoiker" Plant (Czechoslovakia). I. IA. IUrchak. Stek. i ker. 19 no. 1 39-42 Ja '62.

CZECHOSLOVAKIA—CHEMISTRY—STUDY AND TEACHING

Teaching chemistry in the schools of Czechoslovakia. E. P. Kleshcheva. Khim. v shkole 17 no. 2-83-87 Mr-Ap '62.

CZECHOSLOVAKIA—CREDIT

Some problems in the theory of credit in the people's democracies. D. Butakov. Den. i kred. 20 no. 3-37-45 Mr '62.

CZECHOSLOVAKIA—DESCRIPTION AND TRAVEL

Lands which Adenauer would like to annex. Pavlo Kalenychenko. Ukraina no. 6-10-11 Mr '62.

CZECHOSLOVAKIA—FOREIGN ECONOMIC RELATIONS—RUSSIA

Blood brothers. Gustav Hailicka, Sov. profsoiuzy 18 no. 6-40-41 Mr '62.

CZECHOSLOVAKIA—GLASS FURNACES

Cooling of floater bars [from "Silikaty," no. 2, 1961] Stek. i ker. 19 no. 3 45 Mr '62.

CZECHOSLOVAKIA—HISTORY

"History of Czechoslovakia." Vols. 2-3. Reviewed by S. V. Ovnanian. Nov. i noveish. ist. no. 6 136-139 '61.

History of the struggle for Soviet-Czechoslovak friendship. F. A. Molok. Ist. SSSR. 6 no. 2 215-217 Mr-Ap '62.

CZECHOSLOVAKIA—KITCHEN CABINETS

Novikov, S. IA. [Experience in the manufacture of stationary kitchen furniture in the Czechoslovak Socialist Republic] Opyt proizvodstva stationarnoi kukhonnoi mebeli v Chekhoslovatskoi Sotsialisticheskoi Respublike. Leningrad, 1961. 24 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serila: Derevoobrabatyvaiushchaia prolyshlennost', no. 2)

CZECHOSLOVAKIA—KNITTING MACHINES

New Czechoslovak machinery. Tekst. prom. 22 no. 2;82 F '62.

CZECHOSLOVAKIA—MEDICAL CARE

Review of "Problems in the development of ambulatory polyclinic attendance for the population in the Czechoslovak S. S. R. up to 1960 [in Czech]." R. Pulec and J. Vysoheid. Sov. zdrav. 21 no. 3;92-93 '62.

CZECHOSLOVAKIA—POLITICS AND GOVERNMENT

A "bridge" which shows us our road toward the future. S. Stodolovsky. Sov. deput. trudi no. 3;103-107 Mr '62.

CZECHOSLOVAKIA—SHAFT SINKING

Czechoslovak record in vertical shaft sinking [from foreign journals]. S. P. Mikhalenkov. Shakht. stroi. 6 no. 3 26 Mr '62.

CZECHOSLOVAKIA—SOCIAL CONFLICT

Mel'nikova, I. N. [The class struggle in Czechoslovakia in 1924-1929] Klassovaia bor'ba v Chekhoslovakii v 1924-1929 gg. Moskva, Izd-vo Akad. nauk SSSR, 1962. 440 p.

CZECHOSLOVAKIA—SOCIALIST COMPETITION

With thoughts about the party and the comrades. Vilem Kuhn. Sov. profsoiuzy 18 no. 6 42 Mr '62.

CZECHOSLOVAKIA—WORLD WAR, 1939-1945

"How the Soviet Union helped the Czechoslovak people, documentary materials on Soviet-Czechoslovak friendship in 1938-1945" [in Czech]. Reviewed by F. P. Petrov. Vop. ist. no. 4,173-174 Ap '62.

DDT (INSECTICIDE)

Application of DDT in regions of silkworm breeding of greater or less productivity. L. IA. Il'inshenko. Sbor. rab. po mal. i gel'min. no. 2;145-149 '59.

Effect of DDT spraying of breeding rooms on the rearing of silkworms. E. S. Kalmykov, P. IA. Levlev. Sbor. rab. po mal. i gel'min. no. 2 109-113 '59.

Materials toward the improvement of methods for the use of DDT as an antimalarial drug in the zone of propagation of Anopheles superpictus. E. S. Kalmykov, A. IA. Lysenko. Sbor. rab. po mal. i gel'min. no. 2 33-47 '59.

Results of the restriction of DDT spraying to villages in malaria control within the border region of southern Tajikistan (Kirovabad District). E. I. Fastovskaia, M. IA. Kulikova. Sbor. rab. po mal. i gel'min. no. 2 49-56 '59.

Working conditions and workers' health in the DDT industry [with summary in English]. E. N. Burkatskaia, G. A. Voitenko, E. P. Krasniuk. Gig. i san. 26 no. 9 24-29 S '61.

DAGDA—GUIDEBOOKS

Kucins, J. [Dagda; guidebook for Dagda and its environs] Dagda; iu lamaceivedis pa Dagdu un tas apkartni. Riga, Latvijas Valsts Izdevnieciba, 1962. 81 p. [In Latvian]

DAGHESTAN—HISTORICAL MUSEUMS

Thanks to our assistants! D. Kazhlaev. Kul't.-pros. rab. 23 no. 3,21-22 Mr '62.

DAGHESTAN—LABOR AND LABORING CLASSES

An interuniversity conference on the history of laboring classes in Daghestan and the Northern Caucasus. Kh. Kh. Ramazanov. Ist. SSSR. 6 no. 2 226-227 Mr-Ap '62.

DAGHESTAN—ORE DEPOSITS

Stages of ore formation in sideritic deposits of Daghestan. Ch. M. Khalifa-Zade. Zap. Vses. min. ob-va. 91 no. 1; 117-121 '62.

DAGHESTAN—SNOW SURVEYS

Snow cover in the Daghestan A. S. S. R. Sh. M. Agaev. Trudy Tbil. NIGMI no. 9 52-58 '61.

DAGHESTAN—WINTER

Synoptic characteristics of the winter of 1953-54 in eastern Transcaucasia. S. D. Koshinskii. Trudy Tbil. NIGMI no. 9 30-35 '61.

DAHOMEY

Dahomey without slave traders [with English summary in insert]. S. Fil'shtinskii. Az. i Afr. seg. no. 3 33-35 Mr '62.

DAIRY BARNS

Godumenko, L. N. [Let us use loose housing of cows] Korov soderzhim bezprivlazi. Frunze, Kirgizskoe gos izd-vo, 1960. (Peredovoi opyt v sel'skom khoziaistve Kirgizii) (DA)

Tikhomirova, K. K., and N. A. Samsonova. [Loose housing of cows] Besprivlaznoe soderzhanie korov. [Moskva] Mosk. rabochii, 1961. 34 p. (Liudi, dela, plany) (DA)

DAIRY CATTLE

"I take care of 150 cows" by Z. I. Zabotina. L. Raskin. Kul't.-pros. rab. 23 no. 3 28-30 Mr '62.

DAIRY INDUSTRY—BIBLIOGRAPHY see Bibliography—Dairy industry

DAIRY PRODUCTS

Effect of some milk products on the secretory function of the stomach [with summary in English] L. E. Mkrtchian. Vop. pit. 21 no. 2 33-36 Mr-Ap '62.

DAIRYING see subdivision under Ivanovo Province, Shuyskiy District

DAIRYING—STUDY AND TEACHING

Each milkmaid should study the experience of the foremost dairy workers. N. Skribna. Mol. komm. no. 4:13 Ap '62.

DAL', VLADIMIR IVANOVICH, 1801-1872

Brasol, B. L. [V. I. Dal', immortal Russian lexicographer, on the 160th anniversary of his birth, 1801-1872] V. I. Dal', bezsmertnyi russkii leksikograf, k 160-letiiu rozhdeniia 1801-1872. New York, Izd. Ob-va im. A. S. Pushkina v Amerike, 1961. 16 p. (MH)

DAL'VERZIN (ANDIZHAN PROVINCE)—EXCAVATIONS (ARCHAEOLOGY)

Results of the study of Dal'verzin settlement, 1956-1960. IU. A. Zadneprovskii. Obshchestv. nauki v Uz. 6 no. 1 48-57 '62.

DAMS

(see also subdivision under Switzerland)

Hydrodynamic pressure on a spillway dam. L. G. Petrosian. Gidr. stroi. 32 no. 1 35-37 Ja '62.

Hydromechanical calculation of seepage through earth dams with an impervious facing on the upstream slope and an upstream floor of the apron on a sloping confining bed. A. M. Mkhitarian, M. M. Fomin. Viati. Inst. gidrot. i gidr. AN URSR. 18 82-92 '61.

R[illegible]

proektirovaniia betonnykh gravitatsionnykh plotin na skal'nykh osnovaniiakh (SN 123-60). Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 174 p.

Slipchenko, P. S. [Earth dams] Zemlianye plotiny. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1961. 203 p.

DAMS—CONGRESSES

Choosing, preparing, and assigning the requirements for concrete aggregates for large dams. V. V. Stol'nikov. Gidr. stroi. 32 no. 1:55-59 Ja '62.

The Seventh International Congress on Large Dams. Gidr. stroi. 32 no. 1:53-55 Ja '62.

DANCING see subdivision under Dnepropetrovsk

DANUBE VALLEY—SOILS

Secondary soil salinization in the Ukrainian floodlands and delta of the Danube [with summary in English] L. G. Pekatoros. Pochvovedenie no. 2 26-36 F '62.

DARK AGES see Middle Ages

DARKLING BEETLES

Larvae of the tribe Erodini (Coleoptera, Tenebrionidae) [with summary in English]. S. I. Keleinikova. Zool. zhur. 41 no. 3 459-463 Mr '62.

DARWIN, CHARLES ROBERT, 1809-1882

The centennial of Ch. Darwin's theories. B. P. Tokin. Trudy Len. ob-va est. 72 no. 1 23-34 '61.

DARWINISM see Evolution

DASHKESAN DISTRICT—DIASPORE

Mineralogical characteristics of diaspore from Alunitdag in Dashkesan District, Azerbaijan. M. A. Kashkai, I. A. Babaev. Dokl. AN Azerb. SSR. 18 no. 1 49-57 '62.

DATURA—VARIETIES

Intraspecific variation in Datura innoxia Mill. I. I. Gerasimenko. Bot. zhur. 47 no. 2:282-294 F '62.

DAUBABA VALLEY—BASALT

Alkali basaltoid rocks in the Daubaba Valley (Talas Ala-Tau). M. P. Orlova. Inform. sbor. VSEGEI no. 16:87-95 '59.

DAUMIER, HONORE, 1808-1879

Eliass, K. [Honoré Daumier and his times] Onore Domje un vina laikmets. Riga, Latvijas Valsts izdevnieciba, 1960. 100 p. illus. [In Latvian]

DAY NURSERIES

(see also subdivision under Voronezh)

Organizing the work of a teacher and nurse in a day nursery. V. I. Dobrotter. Med. sestra. 21 no. 3 43-48 Mr '62.

Treatment in specialized clinics of groups of infants who have had poliomyelitis. K. I. Ivanova, O. P. Zaidel'. Ortop., travm. i protez. no. 2 47-51 '62.

DEAD SEA SCROLLS

Vaishavskii, A. S. [Dead Sea scrolls] Rukopisi Mertvogo moria. [Moskva] Molodaia gvardiia, 1960. 110 p. (MH)

DEAF—EDUCATION

D'iachkov, A. I. [Systems of educating deaf children] Sistemy obucheniia glukhikh detei. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1961. 244 p. (Pedagigicheskaia biblioteka uchitelia)

DEAF—MEANS OF COMMUNICATION

Effect of dactylology on the continuity of word pronunciation in deaf children. E. N. Martsinovskaia. Dokl. APN. 5 no. 4:125-128 '61.

DEAFNESS

Acousticomyelitic syndrome in brucellosis. M. I. Gabrielian, N. B. Sanlukovich. Med. zhur. Uzb. no. 5 19-21 My '60.

DEAFNESS—PSYCHOSOMATIC ASPECTS

Successful use of hypnosis in a loss of hearing of psychogenic character. A. Sh. Dalshev. Kaz. med. zhur. no. 1:70-71 Ja-F '62.

DEAFNESS, INSTRUMENTS FOR see Hearing aids

DEATH

Sudden death in children. IU. V. Makarov, A. I. Selivierstova. Kaz. med. zhur. no. 1:38-43 Ja-F '62.

DEATH—CAUSES

Fatal outcome after appendectomy [with summary in English] K. K. Ivanov, M. F. Bogatyrev. Sov. med. 25 no. 2 110-114 F '62.

Sudden death in tracheotomized patients. M. I. Fedorov. Kaz. med. zhur. no. 1:75-76 Ja-F '62.

DEATH, APPARENT

Effect of general cooling and hibernation on the restoration of vital functions in animals subjected to clinical death from acute hemorrhage [with summary in English]. V. I. Sobolevа. Pat. fiziol. i eksp. terap. 6 no. 1: 28-33 Ja-F '62.

DECANE

Mechanism of chain initiation in the oxidation of n-decane. Z. K. Maizus, N. M. Emanuel', V. N. IAkovleva. Dokl. AN SSSR. 143 no. 2:366-369 Mr '62.

DECAZEVILLE, FRANCE—COAL MINERS

Heroic struggle of the Decazeville miners against the European Coal and Steel Community. Leon Dolfosse. Vsem. prof. dvizh. no. 3:6-8 Mr '62.

DECAZEVILLE, FRANCE—STRIKES AND LOCKOUTS—COAL MINING

Decazeville will not be a dead town. IU. Kharlanov. Sov. profsoiuzy. 10 no. 3 39-41 F '62.

DECEMBRISTS

Bazanov, V. G. [Outlines of Decembrist literature; poetry] Ocherki dekabristskoi literatury, poeziia. Moskva, Gos. izd-vo Khudozh. lit-ry, 1961. 469 p.

DECIBELS

Ginkin, G. G. [Logarithms, decibels, and decilogs] Logarifmy, detsibely, detsilogi. Moskva, Gos. energ. izd-vo, 1962. 351 p.

DECORATION AND ORNAMENT

Aid for a club decorator. Klub. 11 no. 2 37-38 F '62.

DECORATION AND ORNAMENT, ARCHITECTURAL see subdivision under Uzbekistan

DEEP DRAWING (METALWORK)

Deep drawing of titanium and titanium alloy machine parts. S. IA. Sorokin, B. P. Medvedev. Kuz.-shtam. proizv. 4 no. 3:14-17 Mr '62.

DEEP-SEA DEPOSITS see subdivision under Pacific Ocean; West Siberian Plain

DEEP-SEA TEMPERATURE

Estimating the quality of deep-sea thermometers. G. I. Bobrov, L. A. Mustakov. Meteor. i gidrol. no. 3:53-55 Mr '62.

DEFECTIVE SPEECH see Speech, Disorders of

DEFENSE (CRIMINAL PROCEDURE)

Participation of defense counsels in pretrial investigation brings good results. V. Stremovskii, A. Teplinskii. Sov. iust. no. 24 13 D '61.

DEFENSE (MILITARY SCIENCE) see Attack and defense (Military science)

DEFENSES, NATIONAL see also subdivision 'Defenses' under Communist Countries; Germany, West; Great Britain; Russia; United States

DEFICIENCY DISEASES

Comparative data on the use of hemotherapy and folic acid in undernourishment in infants. A. K. Kadyrov. Med. zhur. Uzb. no. 1 46-48 Ja '62.

DEFORMATIONS (MECHANICS)

Approximate energy method of determining stresses producing plastic flow in metals. A. D. Tomilenov. Kuz.-shtam. proizv. 4 no. 3:8-11 Mr '62.

Boundary value problem in the elasticity theory of polycrystals. S. D. Volkov. Fiz. met. i metalloved. 13 no. 1:10-17 Ja '62.

Connection between various types of deformation and metal cutting processes. N. F. Kunin, V. I. Melnikov, V. I. Davidiuk. Fiz. met. i metalloved. 13 no. 1 154-157 Ja '62.

Deformation aging of nickel. V. F. Sukhovarov. Izv. vys. ucheb. zav. Fiz. met. i metalloved. 13 no. 2:275-279 '62.

Deformation of a squeezed thin glass plate (film) under a uniformly distributed load. S. V. Tolkachnik, V. V. Rostokinskii. Dokl. AN SSSR. 143 no. 2:327-330 Mr '62.

Dependence of the resistance to deformation on changes in the rate of high speed deformation. P. G. Kirillov, L. B. Zlotin. Sbor. nauch. trud. GINTSVETMET. no. 33 305-309 '60.

Dependence of the resistance to deformation on the speed of deformation. P. G. Kirillov. Sbor. nauch. trud. GINTSVETMET. no. 33 339-348 '60.

Determination of true resistance to deformation in compression tests. I. M. Pavlov, E. V. Ushakov. Zav. lab. 28 no. 2:224-226 '62.

Effect of homogenizing on the critical degree of deformation in aluminum iron alloys. G. M. Kuznetsov, I. I. Grebenshchikova. Sbor. nauch. trud. GINTSVETMET. no. 33 268-270 '60.

Effect of plastic deformation on the ordering process in nickel manganese alloys. I. N. Bogachev, V. I. Mel'nikova. Fiz. met. i metalloved. 13 no. 2:248-257 '62.

Effect of preliminary plastic deformation on γ → α transformations in manganese steel. I. S. Fainburg, I. N. Bogachev. Fiz. met. i metalloved. 13 no. 1 107-113 Ja '62.

Hot drawing of deformation-resistant steels and alloys. D. A. Telmer, V. V. Nagovitsyn, V. M. Afonina. Metallurg. 7 no. 2:28-30 F '62.

Investigating the intensity of X-ray reflections of cold deformed metals. V. A. Il'ina, V. K. Kulikaia, G. V. Kurdiumov. Fiz. met. i metalloved. 13 no. 1 132-136 Ja '62.

Investigating the substructure of electrical steel in connection with elastic deformation. V. M. Finkel', V. N. Berezovskii. Fiz. met. i metalloved. 13 no. 2:268-274 '62.

Mechanism of crack growth in steel. V. M. Finkel' and others. Fiz. met. i metalloved. 13 no. 2:263-267 '62.

Methods for plotting deformation diagrams in tangent tension tests of steel. Zav. lab. 28 no. 2 215-219 '62.

Mironenko, IU. P., and A. A. Presniakov. [Resistance to deformation of heavy nonferrous alloys] Soprotivlenie deformirovaniiu tiazhelykh tsvetnykh splavov. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1962. 129 p.

Relation between the distribution of dislocations over the activation energy levels and the deformation value. I. A. Oding, V. N. Geminov. Dokl. AN SSSR. 143 no. 1:836-839 Ap '62.

DEFORMATIONS, CONTINUOUS see Homotopy theory

DEHYDRATION (CHEMISTRY)

Effect of the degree of preliminary dehydration of hydrogels and of water vapor pressure in the drying process on the structure of formed xerogels of silicic acid. Z. Z. Vysotskii, L. F. Divnich, V. V. Strelko. Ukr. khim. zhur. 28 no. 2:156-161 '62.

Stereochemistry and mechanism of dehydration of cyclohexane derivatives. N. IA. Grigor'eva, V. F. Kucherov. Usp. khim. 31 no. 1 39-72 Ja '62.

DEHYDROGENATION

Effect of the temperature and the time catalyst-gas vapors remain in the settling zone of the reactor on the yield of the desired product in dehydrogenation of n-butane. V. S. Aliev and others. Azerb. neft. khoz. 40 no. 10:33-34 O '61.

DEKABRISTS see Decembrists

DELHI BOIL

"Borovskii's cutaneous leishmaniasis" by V. A. Lugina. Reviewed by P. V. Kozhevnikov. Zhur. mikrobiol., epid. i immun. 33 no. 2:143-145 F '62.

DELIVERY OF GOODS (LAW)

Liability for the incomplete delivery of metal products for industrial equipment. S. IA. Palastina. Izv. vys. ucheb. zav., prav. 6 no. 1:134-138 '62.

Planned stipulations for contracts covering the delivery, sale, and purchase of consumers' goods. IU. IA. L'vovich. Sov. gos. i pravo. 32 no. 4:77-85 Ap '62.

[illegible]

[illegible] ophthalmia

[illegible] DISEASE [illegible]

[illegible] DISEASES

[illegible] ELECTRODE [illegible]

[illegible] ELECTROENCEPHALOGRAPHY

[illegible] and EEG

[illegible] ELECTROLYTE [illegible]

[illegible] ELECTROLYTES

[illegible] and [illegible]

[illegible] ELECTRON [illegible]

[illegible] ELECTRONIC EQUIPMENT

[illegible] and [illegible]

[illegible] EMBRYO [illegible]

[illegible] EMBRYOLOGY

[illegible] and [illegible]

[illegible] EMPLOYEE [illegible]

[illegible] ENDOCRINE GLANDS

[illegible] and [illegible]

[illegible] ENGINEERING

[illegible] and [illegible]

[illegible] ENGINEERS

[illegible] and [illegible]

[illegible] ENTOMOLOGY

[illegible] and [illegible]

[illegible] ENVIRONMENT

[illegible] and [illegible]

[illegible] ENZYME [illegible]

[illegible] ENZYMES

[illegible] and [illegible]

[illegible] EPIDEMIOLOGY

[illegible] and [illegible]

[illegible] EQUIPMENT

[illegible] and [illegible]

[illegible] ERYTHROCYTE [illegible]

[illegible] ESTIMATION

[illegible] and [illegible]

[illegible] EVOLUTION

[illegible] and [illegible]

[illegible] EXCHANGE

[illegible] and [illegible]

[illegible] EXPERIMENTAL [illegible]

[illegible] EXPERIMENTS

[illegible] and [illegible]

[illegible] FACTOR [illegible]

[illegible] FACTORS

[illegible] and [illegible]

[illegible] FAMILY [illegible]

[illegible] FARMING

[illegible] and [illegible]

[illegible] FATIGUE [illegible]

[illegible] FEEDING

[illegible] and [illegible]

[illegible] FERMENTATION

[illegible] and [illegible]

[illegible] FIBER [illegible]

[illegible] FIBERS

[illegible] and [illegible]

[illegible] FILTER [illegible]

[illegible] FILTERS

[illegible] and [illegible]

[illegible] FLUID [illegible]

[illegible] FLUIDS

[illegible] and [illegible]

[illegible] FOOD [illegible]

[illegible] FOODS

[illegible] and [illegible]

[illegible] FORCE [illegible]

[illegible] FORCES

[illegible] and [illegible]

[illegible] FORECASTING

[illegible] and [illegible]

[illegible] FOREIGN [illegible]

[illegible] FORESTRY

[illegible] and [illegible]

[illegible] FRACTURE [illegible]

[illegible] FRACTURES

[illegible] and [illegible]

[illegible] FREQUENCY [illegible]

[illegible] FUNCTION

[illegible] and [illegible]

[illegible] FUNCTIONAL [illegible]

[illegible] FUNCTIONS

[illegible] and [illegible]

[illegible] FUNGUS [illegible]

[illegible] GAS

[illegible] and [illegible]

[illegible] GASES

[illegible] and [illegible]

[illegible] GENE [illegible]

[illegible] GENERATION

[illegible] and [illegible]

[illegible] GENERATOR [illegible]

[illegible] GENERATORS

[illegible] and [illegible]

[illegible] GENETIC [illegible]

[illegible] GENETICS

[illegible] and [illegible]

[illegible] GEOLOGICAL [illegible]

[illegible] GEOLOGY

[illegible] and [illegible]

[illegible] GEOPHYSICAL [illegible]

[illegible] GEOPHYSICS

[illegible] and [illegible]

[illegible] GLAND [illegible]

[illegible] GLANDS

[illegible] and [illegible]

[illegible] GLASS [illegible]

[illegible] GLASSES

[illegible] and [illegible]

[illegible] GLOBULIN [illegible]

[illegible] GLUCOSE

[illegible] and [illegible]

[illegible] GLUTAMIC [illegible]

[illegible] GOLD

[illegible] and [illegible]

[illegible] GRAIN [illegible]

[illegible] GRAINS

[illegible] and [illegible]

[illegible] GRAPHITE [illegible]

[illegible] GRAVITY

[illegible] and [illegible]

[illegible] GROUP [illegible]

[illegible] GROUPS

[illegible] and [illegible]

[illegible] GROWTH [illegible]

[illegible] HABITAT

[illegible] and [illegible]

[illegible] HABITS

[illegible] and [illegible]

[illegible] HAEMATOLOGY

[illegible] and [illegible]

[illegible] HAEMOGLOBIN

[illegible] and [illegible]

[illegible] HAEMORRHAGE

[illegible] and [illegible]

[illegible] HAIR [illegible]

[illegible] HAIRS

[illegible] and [illegible]

[illegible] HANDLING

[illegible] and [illegible]

[illegible] HARBOR

[illegible] and [illegible]

[illegible] HARBORS

[illegible] and [illegible]

[illegible] HARDNESS

[illegible] and [illegible]

[illegible] HARMONIC [illegible]

[illegible] HARMONICS

[illegible] and [illegible]

[illegible] HEALTH [illegible]

[illegible] HEARING

[illegible] and [illegible]

[illegible] HEART [illegible]

[illegible] HEARTS

[illegible] and [illegible]

[illegible] HEAT [illegible]

[illegible] HEATING

[illegible] and [illegible]

[illegible] HEIGHT [illegible]

[illegible] HELICOPTER

[illegible] and [illegible]

[illegible] HELIUM [illegible]

[illegible] HELMINTHS

[illegible] and [illegible]

[illegible] HEMATOLOGY

[illegible] and [illegible]

[illegible] HEMOGLOBIN

[illegible] and [illegible]

[illegible] HEMORRHAGE

[illegible] and [illegible]

[illegible] HERBICIDE [illegible]

[illegible] HERBICIDES

[illegible] and [illegible]

[illegible] HERBS

[illegible] and [illegible]

[illegible] HETEROCYCLIC [illegible]

[illegible] HETEROGENEOUS

[illegible] and [illegible]

[illegible] HIGH [illegible]

[illegible] HIGHWAY

[illegible] and [illegible]

[illegible] HISTOLOGY

[illegible] and [illegible]

[illegible] HISTORY

[illegible] and [illegible]

[illegible] HOLE [illegible]

[illegible] HOLES

[illegible] and [illegible]

[illegible] HOME [illegible]

[illegible] HOMES

[illegible] and [illegible]

[illegible] HORMONE [illegible]

[illegible] HORMONES

[illegible] and [illegible]

[illegible] HOSPITAL [illegible]

[illegible] HOSPITALS

[illegible] and [illegible]

[illegible] HOUSE [illegible]

[illegible] HOUSES

[illegible] and [illegible]

[illegible] HUMAN [illegible]

[illegible] HUMANS

[illegible] and [illegible]

[illegible] HUMIDITY

[illegible] and [illegible]

[illegible] HYDRAULIC [illegible]

[illegible] HYDRAULICS

[illegible] and [illegible]

[illegible] HYDROGEN [illegible]

[illegible] HYDROLOGY

[illegible] and [illegible]

[illegible] HYDROXIDE [illegible]

[illegible] HYGIENE

[illegible] and [illegible]

[illegible] HYPERTENSION

[illegible] and [illegible]

[illegible] HYPOTHERMIA

[illegible] and [illegible]

[illegible] IDENTIFICATION

[illegible] and [illegible]

[illegible] IMAGE [illegible]

[illegible] IMAGES

[illegible] and [illegible]

[illegible] IMMUNITY

[illegible] and [illegible]

[illegible] IMPACT [illegible]

[illegible] IMPACTS

[illegible] and [illegible]

[illegible] IMPLANT [illegible]

[illegible] IMPLANTS

[illegible] and [illegible]

[illegible] INCREASE [illegible]

[illegible] INDEX

[illegible] and [illegible]

[illegible] INDICATOR [illegible]

[illegible] INDICATORS

[illegible] and [illegible]

[illegible] INDUSTRIAL [illegible]

[illegible] INDUSTRY

[illegible] and [illegible]

[illegible] INFECTION [illegible]

[illegible] INFECTIONS

[illegible] and [illegible]

[illegible] INFLUENCE [illegible]

[illegible] INFORMATION

[illegible] and [illegible]

[illegible] INFRARED [illegible]

[illegible] INHIBITOR

[illegible] and [illegible]

[illegible] INHIBITORS

[illegible] and [illegible]

[illegible] INJECTION [illegible]

[illegible] INJECTIONS

[illegible] and [illegible]

[illegible] INJURY [illegible]

[illegible] INJURIES

[illegible] and [illegible]

[illegible] INSECT [illegible]

[illegible] INSECTICIDE

[illegible] and [illegible]

[illegible] INSECTICIDES

[illegible] and [illegible]

[illegible] INSECTS

[illegible] and [illegible]

[illegible] INSPECTION

[illegible] and [illegible]

[illegible] INSTALLATION

[illegible] and [illegible]

[illegible] INSTRUMENT [illegible]

[illegible] INSTRUMENTS

[illegible] and [illegible]

[illegible] INSULATION

[illegible] and [illegible]

[illegible] INTEGRATED [illegible]

[illegible] INTELLIGENCE

[illegible] and [illegible]

[illegible] INTERACTION

[illegible] and [illegible]

[illegible] INTERFACE [illegible]

[illegible] INTERFACES

[illegible] and [illegible]

[illegible] INTERNATIONAL [illegible]

[illegible] INTERPRETATION

[illegible] and [illegible]

[illegible] INTERVAL [illegible]

[illegible] INTERVALS

[illegible] and [illegible]

[illegible] INVESTIGATION

[illegible] and [illegible]

[illegible] IODINE [illegible]

[illegible] IONIZATION

[illegible] and [illegible]

[illegible] IRON [illegible]

[illegible] IRRIGATION

[illegible] and [illegible]

[illegible] ISOLATION

[illegible] and [illegible]

[illegible] ISOTOPE [illegible]

[illegible] ISOTOPES

[illegible] and [illegible]

[illegible] JOINT [illegible]

[illegible] JOINTS

[illegible] and [illegible]

[illegible] KIDNEY [illegible]

[illegible] KIDNEYS

[illegible] and [illegible]

[illegible] LABOR [illegible]

[illegible] LABORATORY

[illegible] and [illegible]

[illegible] LABORATORIES

[illegible] and [illegible]

[illegible] LAKE [illegible]

[illegible] LAKES

[illegible] and [illegible]

[illegible] LAND [illegible]

[illegible] LANDS

[illegible] and [illegible]

[illegible] LANGUAGE [illegible]

[illegible] LARVA

[illegible] and [illegible]

[illegible] LARVAE

[illegible] and [illegible]

[illegible] LASER [illegible]

[illegible] LASERS

[illegible] and [illegible]

[illegible] LAW [illegible]

[illegible] LAWS

[illegible] and [illegible]

[illegible] LEAD [illegible]

[illegible] LEADERSHIP

[illegible] and [illegible]

[illegible] LEARNING

[illegible] and [illegible]

[illegible] LEATHER [illegible]

[illegible] LEATHERS

[illegible] and [illegible]

[illegible] LEGAL [illegible]

[illegible] LEGISLATION

[illegible] and [illegible]

[illegible] LENGTH [illegible]

[illegible] LENSES

[illegible] and [illegible]

[illegible] LEVEL [illegible]

[illegible] LEVELS

[illegible] and [illegible]

[illegible] LIBRARY [illegible]

[illegible] LIBRARIES

[illegible] and [illegible]

[illegible] LIFE [illegible]

[illegible] LIFTING

[illegible] and [illegible]

[illegible] LIGHT [illegible]

[illegible] LIGHTING

[illegible] and [illegible]

[illegible] LIMIT [illegible]

[illegible] LIMITS

[illegible] and [illegible]

[illegible] LINE [illegible]

[illegible] LINES

[illegible] and [illegible]

[illegible] LIQUID [illegible]

[illegible] LIQUIDS

[illegible] and [illegible]

[illegible] LITERATURE [illegible]

[illegible] LIVER [illegible]

[illegible] LIVERS

[illegible] and [illegible]

[illegible] LOAD [illegible]

[illegible] LOADING

[illegible] and [illegible]

[illegible] LOCATION

[illegible] and [illegible]

[illegible] LOCK [illegible]

[illegible] LOCKS

[illegible] and [illegible]

[illegible] LOSS [illegible]

[illegible] LOSSES

[illegible] and [illegible]

[illegible] LUBRICANT [illegible]

[illegible] LUBRICANTS

[illegible] and [illegible]

[illegible] LUNG [illegible]

[illegible] LUNGS

[illegible] and [illegible]

[illegible] MACHINE [illegible]

[illegible] MACHINERY

[illegible] and [illegible]

[illegible] MACHINES

[illegible] and [illegible]

[illegible] MAGNETIC [illegible]

[illegible] MAGNETISM

[illegible] and [illegible]

[illegible] MAINTENANCE

[illegible] and [illegible]

[illegible] MALE [illegible]

[illegible] MALES

[illegible] and [illegible]

[illegible] MANAGEMENT

[illegible] and [illegible]

[illegible] MANUAL [illegible]

[illegible] MANUALS

[illegible] and [illegible]

[illegible] MAP [illegible]

[illegible] MAPPING

[illegible] and [illegible]

[illegible] MARINE [illegible]

[illegible] MARKET

[illegible] and [illegible]

[illegible] MARKETS

[illegible] and [illegible]

[illegible] MASS [illegible]

[illegible] MASSES

[illegible] and [illegible]

[illegible] MATERIAL [illegible]

[illegible] MATERIALS

[illegible] and [illegible]

[illegible] MATHEMATICAL [illegible]

[illegible] MATHEMATICS

[illegible] and [illegible]

[illegible] MATRIX [illegible]

[illegible] MATRICES

[illegible] and [illegible]

[illegible] MEASUREMENT

[illegible] and [illegible]

[illegible] MECHANICAL [illegible]

[illegible] MECHANICS

[illegible] and [illegible]

[illegible] MEDICAL [illegible]

[illegible] MEDICINE

[illegible] and [illegible]

[illegible] MEMBRANE [illegible]

[illegible] MEMBRANES

[illegible] and [illegible]

[illegible] MEMORY [illegible]

[illegible] MENTAL

[illegible] and [illegible]

[illegible] MERCURY [illegible]

[illegible] METABOLISM

[illegible] and [illegible]

[illegible] METAL [illegible]

[illegible] METALLURGY

[illegible] and [illegible]

[illegible] METALS

[illegible] and [illegible]

[illegible] METEOROLOGICAL [illegible]

[illegible] METEOROLOGY

[illegible] and [illegible]

[illegible] METHOD [illegible]

[illegible] METHODS

[illegible] and [illegible]

[illegible] MICROBIAL [illegible]

[illegible] MICROBIOLOGY

[illegible] and [illegible]

[illegible] MICROORGANISM [illegible]

[illegible] MICROORGANISMS

[illegible] and [illegible]

[illegible] MICROSCOPE [illegible]

[illegible] MICROSCOPES

[illegible] and [illegible]

[illegible] MICROSCOPY

[illegible] and [illegible]

[illegible] MILITARY [illegible]

[illegible] MILK

[illegible] and [illegible]

[illegible] MILLING

[illegible] and [illegible]

[illegible] MINE [illegible]

[illegible] MINERAL [illegible]

[illegible] MINERALOGY

[illegible] and [illegible]

[illegible] MINERALS

[illegible] and [illegible]

[illegible] MINES

[illegible] and [illegible]

[illegible] MINING

[illegible] and [illegible]

[illegible] MISSILE [illegible]

[illegible] MISSILES

[illegible] and [illegible]

[illegible] MIXTURE [illegible]

[illegible] MIXTURES

[illegible] and [illegible]

[illegible] MODEL [illegible]

[illegible] MODELS

[illegible] and [illegible]

[illegible] MODERN [illegible]

[illegible] MODIFICATION

[illegible] and [illegible]

[illegible] MOISTURE [illegible]

[illegible] MOLECULAR [illegible]

[illegible] MOLECULE

[illegible] and [illegible]

[illegible] MOLECULES

[illegible] and [illegible]

[illegible] MONITOR [illegible]

[illegible] MONITORING

[illegible] and [illegible]

[illegible] MONITORS

[illegible] and [illegible]

[illegible] MORPHOLOGY

[illegible] and [illegible]

[illegible] MOTION [illegible]

[illegible] MOTIONS

[illegible] and [illegible]

[illegible] MOTOR [illegible]

[illegible] MOTORS

[illegible] and [illegible]

[illegible] MOUNTAIN [illegible]

[illegible] MOUNTAINS

[illegible] and [illegible]

[illegible] MOVEMENT

[illegible] and [illegible]

[illegible] MUSCLE [illegible]

[illegible] MUSCLES

[illegible] and [illegible]

[illegible] NATURAL [illegible]

[illegible] NAVIGATION

[illegible] and [illegible]

[illegible] NEEDLE [illegible]

[illegible] NEEDLES

[illegible] and [illegible]

[illegible] NERVE [illegible]

[illegible] NERVES

[illegible] and [illegible]

[illegible] NETWORK [illegible]

[illegible] NETWORKS

[illegible] and [illegible]

[illegible] NEUROLOGY

[illegible] and [illegible]

[illegible] NEUTRON [illegible]

[illegible] NEUTRONS

[illegible] and [illegible]

[illegible] NITROGEN [illegible]

[illegible] NOISE

[illegible] and [illegible]

[illegible] NOISES

[illegible] and [illegible]

[illegible] NONDESTRUCTIVE [illegible]

[illegible] NONLINEAR

[illegible] and [illegible]

[illegible] NUCLEAR [illegible]

[illegible] NUCLEUS

[illegible] and [illegible]

[illegible] NUCLEUSES

[illegible] and [illegible]

[illegible] NUMBER [illegible]

[illegible] NUMERICAL

[illegible] and [illegible]

[illegible] NUTRITION

[illegible] and [illegible]

[illegible] OBJECT [illegible]

[illegible] OBJECTS

[illegible] and [illegible]

[illegible] OBSERVATION

[illegible] and [illegible]

[illegible] OCEAN [illegible]

[illegible] OCEANOGRAPHY

[illegible] and [illegible]

[illegible] OCEANS

[illegible] and [illegible]

[illegible] OIL [illegible]

[illegible] OILS

[illegible] and [illegible]

[illegible] OPERATION

[illegible] and [illegible]

[illegible] OPERATIONAL [illegible]

[illegible] OPERATIONS

[illegible] and [illegible]

[illegible] OPTICAL [illegible]

[illegible] OPTICS

[illegible] and [illegible]

[illegible] ORBIT [illegible]

[illegible] ORBITS

[illegible] and [illegible]

[illegible] ORDER [illegible]

[illegible] ORDERS

[illegible] and [illegible]

[illegible] ORGANIC [illegible]

[illegible] ORGANISM

[illegible] and [illegible]

[illegible] ORGANISMS

[illegible] and [illegible]

[illegible] ORGANIZATION

[illegible] and [illegible]

[illegible] OXIDE [illegible]

[illegible] OXIDES

[illegible] and [illegible]

[illegible] OXYGEN [illegible]

[illegible] PACKAGE [illegible]

[illegible] PACKAGES

[illegible] and [illegible]

[illegible] PAINT [illegible]

[illegible] PAINTS

[illegible] and [illegible]

[illegible] PARASITE [illegible]

[illegible] PARASITES

[illegible] and [illegible]

[illegible] PARTICLE [illegible]

[illegible] PARTICLES

[illegible] and [illegible]

[illegible] PATHOLOGY

[illegible] and [illegible]

[illegible] PATTERN [illegible]

[illegible] PATTERNS

[illegible] and [illegible]

[illegible] PERFORMANCE

[illegible] and [illegible]

[illegible] PERSONNEL

[illegible] and [illegible]

[illegible] PESTICIDE [illegible]

[illegible] PESTICIDES

[illegible] and [illegible]

[illegible] PETROLEUM [illegible]

[illegible] PHARMACOLOGY

[illegible] and [illegible]

[illegible] PHASE [illegible]

[illegible] PHASES

[illegible] and [illegible]

[illegible] PHOTOGRAPH [illegible]

[illegible] PHOTOGRAPHS

[illegible] and [illegible]

[illegible] PHOTOGRAPHY

[illegible] and [illegible]

[illegible] PHYSICAL [illegible]

[illegible] PHYSICS

[illegible] and [illegible]

[illegible] PHYSIOLOGY

[illegible] and [illegible]

[illegible] PIPE [illegible]

[illegible] PIPES

[illegible] and [illegible]

[illegible] PLANT [illegible]

[illegible] PLANTS

[illegible] and [illegible]

[illegible] PLASMA [illegible]

[illegible] PLASTIC [illegible]

[illegible] PLASTICS

[illegible] and [illegible]

[illegible] POLLUTION

[illegible] and [illegible]

[illegible] POWER [illegible]

[illegible] PRESSURE

[illegible] and [illegible]

[illegible] PROBLEM [illegible]

[illegible] PROBLEMS

[illegible] and [illegible]

[illegible] PROCESS [illegible]

[illegible] PROCESSES

[illegible] and [illegible]

[illegible] PRODUCT [illegible]

[illegible] PRODUCTION

[illegible] and [illegible]

[illegible] PRODUCTS

[illegible] and [illegible]

[illegible] PROTEIN [illegible]

[illegible] PROTEINS

[illegible] and [illegible]

[illegible] PUBLIC [illegible]

[illegible] PUBLICATIONS

[illegible] and [illegible]

[illegible] PUMP [illegible]

[illegible] PUMPS

[illegible] and [illegible]

[illegible] QUALITY [illegible]

[illegible] QUANTITY

[illegible] and [illegible]

[illegible] RADAR [illegible]

[illegible] RADIATION

[illegible] and [illegible]

[illegible] RADIO [illegible]

[illegible] RADIOACTIVE

[illegible] and [illegible]

[illegible] RADIOLOGY

[illegible] and [illegible]

[illegible] RADIOMETRIC [illegible]

[illegible] RADIOMETRY

[illegible] and [illegible]

[illegible] RADIOTHERAPY

[illegible] and [illegible]

[illegible] RAIL [illegible]

[illegible] RAILROAD

[illegible] and [illegible]

[illegible] RAILROADS

[illegible] and [illegible]

[illegible] RAIN [illegible]

[illegible] RAINFALL

[illegible] and [illegible]

[illegible] RAINS

[illegible] and [illegible]

[illegible] RANGE [illegible]

[illegible] RANGES

[illegible] and [illegible]

[illegible] RATE [illegible]

[illegible] RATES

[illegible] and [illegible]

[illegible] RATIO [illegible]

[illegible] RATIOS

[illegible] and [illegible]

[illegible] REACTION [illegible]

[illegible] REACTIONS

[illegible] and [illegible]

[illegible] REACTOR [illegible]

[illegible] REACTORS

[illegible] and [illegible]

[illegible] RECEIVER [illegible]

[illegible] RECEIVERS

[illegible] and [illegible]

[illegible] RECORD [illegible]

[illegible] RECORDS

[illegible] and [illegible]

[illegible] RECOVERY

[illegible] and [illegible]

[illegible] REFLECTION

[illegible] and [illegible]

[illegible] REFRACTION

[illegible] and [illegible]

[illegible] REGION [illegible]

[illegible] REGIONS

[illegible] and [illegible]

[illegible] REGULATION

[illegible] and [illegible]

[illegible] RELATION [illegible]

[illegible] RELATIONS

[illegible] and [illegible]

[illegible] RELIABILITY

[illegible] and [illegible]

[illegible] REMOTE [illegible]

[illegible] REPAIR

[illegible] and [illegible]

[illegible] REPORT [illegible]

[illegible] REPORTS

[illegible] and [illegible]

[illegible] RESEARCH

[illegible] and [illegible]

[illegible] RESERVOIR [illegible]

[illegible] RESERVOIRS

[illegible] and [illegible]

[illegible] RESISTANCE

[illegible] and [illegible]

[illegible] RESONANCE

[illegible] and [illegible]

[illegible] RESPIRATION

[illegible] and [illegible]

[illegible] RESPONSE [illegible]

[illegible] RESPONSES

[illegible] and [illegible]

[illegible] RESTORATION

[illegible] and [illegible]

[illegible] RESULT [illegible]

[illegible] RESULTS

[illegible] and [illegible]

[illegible] RETINA [illegible]

[illegible] RETINAS

[illegible] and [illegible]

[illegible] REVIEW [illegible]

[illegible] REVIEWS

[illegible] and [illegible]

[illegible] RIVER [illegible]

[illegible] RIVERS

[illegible] and [illegible]

[illegible] ROAD [illegible]

[illegible] ROADS

[illegible] and [illegible]

[illegible] ROCK [illegible]

[illegible] ROCKS

[illegible] and [illegible]

[illegible] ROOT [illegible]

[illegible] ROOTS

[illegible] and [illegible]

[illegible] ROTATION

[illegible] and [illegible]

[illegible] RUBBER [illegible]

[illegible] RUBBERS

[illegible] and [illegible]

[illegible] SAFETY [illegible]

[illegible] SALT [illegible]

[illegible] SALTS

[illegible] and [illegible]

[illegible] SAMPLE [illegible]

[illegible] SAMPLES

[illegible] and [illegible]

[illegible] SATELLITE [illegible]

[illegible] SATELLITES

[illegible] and [illegible]

[illegible] SCALE [illegible]

[illegible] SCALES

[illegible] and [illegible]

[illegible] SCATTERING

[illegible] and [illegible]

[illegible] SCIENCE [illegible]

[illegible] SCIENCES

[illegible] and [illegible]

[illegible] SCIENTIFIC [illegible]

[illegible] SEA [illegible]

[illegible] SEAS

[illegible] and [illegible]

[illegible] SEARCH [illegible]

[illegible] SEARCHES

[illegible] and [illegible]

[illegible] SEASON [illegible]

[illegible] SEASONS

[illegible] and [illegible]

[illegible] SEDIMENT [illegible]

[illegible] SEDIMENTS

[illegible] and [illegible]

[illegible] SEED [illegible]

[illegible] SEEDS

[illegible] and [illegible]

[illegible] SEISMIC [illegible]

[illegible] SEISMOLOGY

[illegible] and [illegible]

[illegible] SELECTION

[illegible] and [illegible]

[illegible] SENSE [illegible]

[illegible] SENSES

[illegible] and [illegible]

[illegible] SENSITIVITY

[illegible] and [illegible]

[illegible] SENSOR [illegible]

[illegible] SENSORS

[illegible] and [illegible]

[illegible] SEPARATION

[illegible] and [illegible]

[illegible] SERIES [illegible]

[illegible] SERVICE

[illegible] and [illegible]

[illegible] SERVICES

[illegible] and [illegible]

[illegible] SEWAGE [illegible]

[illegible] SHAPE [illegible]

[illegible] SHAPES

[illegible] and [illegible]

[illegible] SHEAR [illegible]

[illegible] SHEARS

[illegible] and [illegible]

[illegible] SHIP [illegible]

[illegible] SHIPS

[illegible] and [illegible]

[illegible] SHOCK [illegible]

[illegible] SHOCKS

[illegible] and [illegible]

[illegible] SHORE [illegible]

[illegible] SHORES

[illegible] and [illegible]

[illegible] SIGNAL [illegible]

[illegible] SIGNALS

[illegible] and [illegible]

[illegible] SIMULATION

[illegible] and [illegible]

[illegible] SITE [illegible]

[illegible] SITES

[illegible] and [illegible]

[illegible] SKIN [illegible]

[illegible] SKINS

[illegible] and [illegible]

[illegible] SLEEP [illegible]

[illegible] SLEEPS

[illegible] and [illegible]

[illegible] SLOPE [illegible]

[illegible] SLOPES

[illegible] and [illegible]

[illegible] SNOW [illegible]

[illegible] SNOWS

[illegible] and [illegible]

[illegible] SOFTWARE [illegible]

[illegible] SOIL [illegible]

[illegible] SOILS

[illegible] and [illegible]

[illegible] SOLAR [illegible]

[illegible] SOLID [illegible]

[illegible] SOLIDS

[illegible] and [illegible]

[illegible] SOLUTION

[illegible] and [illegible]

[illegible] SOLUTIONS

[illegible] and [illegible]

[illegible] SOUND [illegible]

[illegible] SOUNDS

[illegible] and [illegible]

[illegible] SOURCE [illegible]

[illegible] SOURCES

[illegible] and [illegible]

[illegible] SPACE [illegible]

[illegible] SPACES

[illegible] and [illegible]

[illegible] SPECIES [illegible]

[illegible] SPECIFICATION

[illegible] and [illegible]

[illegible] SPECIFICATIONS

[illegible] and [illegible]

[illegible] SPECIMEN [illegible]

[illegible] SPECIMENS

[illegible] and [illegible]

[illegible] SPECTRAL [illegible]

[illegible] SPECTROSCOPY

[illegible] and [illegible]

[illegible] SPECTRUM [illegible]

[illegible] SPECTRUMS

[illegible] and [illegible]

[illegible] SPEED [illegible]

[illegible] SPEEDS

[illegible] and [illegible]

[illegible] SPHERE [illegible]

[illegible] SPHERES

[illegible] and [illegible]

[illegible] SPRAY [illegible]

[illegible] SPRAYS

[illegible] and [illegible]

[illegible] STABILITY

[illegible] and [illegible]

[illegible] STANDARD [illegible]

[illegible] STANDARDS

[illegible] and [illegible]

[illegible] STATE [illegible]

[illegible] STATES

[illegible] and [illegible]

[illegible] STATION [illegible]

[illegible] STATIONS

[illegible] and [illegible]

[illegible] STATISTICAL [illegible]

[illegible] STATISTICS

[illegible] and [illegible]

[illegible] STEEL [illegible]

[illegible] STEELS

[illegible] and [illegible]

[illegible] STERILIZATION

[illegible] and [illegible]

[illegible] STIMULATION

[illegible] and [illegible]

[illegible] STOCK [illegible]

[illegible] STOCKS

[illegible] and [illegible]

[illegible] STORAGE [illegible]

[illegible] STORM [illegible]

[illegible] STORMS

[illegible] and [illegible]

[illegible] STRAIN [illegible]

[illegible] STRAINS

[illegible] and [illegible]

[illegible] STRATEGY

[illegible] and [illegible]

[illegible] STRENGTH

[illegible] and [illegible]

[illegible] STRESS [illegible]

[illegible] STRESSES

[illegible] and [illegible]

[illegible] STRUCTURAL [illegible]

[illegible] STRUCTURE

[illegible] and [illegible]

[illegible] STRUCTURES

[illegible] and [illegible]

[illegible] STUDY [illegible]

[illegible] STUDIES

[illegible] and [illegible]

[illegible] SUBMARINE [illegible]

[illegible] SUBMARINES

[illegible] and [illegible]

[illegible] SUBSTANCE [illegible]

[illegible] SUBSTANCES

[illegible] and [illegible]

[illegible] SUBSTRATE [illegible]

[illegible] SUBSTRATES

[illegible] and [illegible]

[illegible] SUGAR [illegible]

[illegible] SUGARS

[illegible] and [illegible]

[illegible] SULFUR [illegible]

[illegible] SUPPLY

[illegible] and [illegible]

[illegible] SUPPLIES

[illegible] and [illegible]

[illegible] SURFACE [illegible]

[illegible] SURFACES

[illegible] and [illegible]

[illegible] SURGERY

[illegible] and [illegible]

[illegible] SURVEY [illegible]

[illegible] SURVEYS

[illegible] and [illegible]

[illegible] SYNTHESIS

[illegible] and [illegible]

[illegible] SYSTEM [illegible]

[illegible] SYSTEMS

[illegible] and [illegible]

[illegible] TABLE [illegible]

[illegible] TABLES

[illegible] and [illegible]

[illegible] TANK [illegible]

[illegible] TANKS

[illegible] and [illegible]

[illegible] TARGET [illegible]

[illegible] TARGETS

[illegible] and [illegible]

[illegible] TECHNIQUE [illegible]

[illegible] TECHNIQUES

[illegible] and [illegible]

[illegible] TECHNOLOGY

[illegible] and [illegible]

[illegible] TEMPERATURE

[illegible] and [illegible]

[illegible] TEST [illegible]

[illegible] TESTS

[illegible] and [illegible]

[illegible] TESTING

[illegible] and [illegible]

[illegible] THEORY [illegible]

[illegible] THERAPY

[illegible] and [illegible]

[illegible] THERMAL [illegible]

[illegible] THERMODYNAMICS

[illegible] and [illegible]

[illegible] THICKNESS

[illegible] and [illegible]

[illegible] TIME [illegible]

[illegible] TIMES

[illegible] and [illegible]

[illegible] TISSUE [illegible]

[illegible] TISSUES

[illegible] and [illegible]

[illegible] TOOL [illegible]

[illegible] TOOLS

[illegible] and [illegible]

[illegible] TOPOGRAPHY

[illegible] and [illegible]

[illegible] TOXICITY

[illegible] and [illegible]

[illegible] TRACE [illegible]

[illegible] TRACES

[illegible] and [illegible]

[illegible] TRACK [illegible]

[illegible] TRACKS

[illegible] and [illegible]

[illegible] TRAFFIC [illegible]

[illegible] TRAINING

[illegible] and [illegible]

[illegible] TRANSFER [illegible]

[illegible] TRANSFERS

[illegible] and [illegible]

[illegible] TRANSFORM [illegible]

[illegible] TRANSFORMS

[illegible] and [illegible]

[illegible] TRANSIENT [illegible]

[illegible] TRANSIENTS

[illegible] and [illegible]

[illegible] TRANSMISSION

[illegible] and [illegible]

[illegible] TRANSPORT

[illegible] and [illegible]

[illegible] TRANSPORTATION

[illegible] and [illegible]

[illegible] TRAP [illegible]

[illegible] TRAPS

[illegible] and [illegible]

[illegible] TREATMENT

[illegible] and [illegible]

[illegible] TREE [illegible]

[illegible] TREES

[illegible] and [illegible]

[illegible] TROPICAL [illegible]

[illegible] TROPICS

[illegible] and [illegible]

[illegible] TUBE [illegible]

[illegible] TUBES

[illegible] and [illegible]

[illegible] TUNNEL [illegible]

[illegible] TUNNELS

[illegible] and [illegible]

[illegible] TURBINE [illegible]

[illegible] TURBINES

[illegible] and [illegible]

[illegible] TURBULENCE

[illegible] and [illegible]

[illegible] TYPE [illegible]

[illegible] TYPES

[illegible] and [illegible]

[illegible] ULTRASONIC [illegible]

[illegible] ULTRASONICS

[illegible] and [illegible]

[illegible] UNDERWATER [illegible]

[illegible] UNIT [illegible]

[illegible] UNITS

[illegible] and [illegible]

[illegible] URBAN [illegible]

[illegible] URBANIZATION

[illegible] and [illegible]

[illegible] VACCINE [illegible]

[illegible] VACCINES

[illegible] and [illegible]

[illegible] VALVE [illegible]

[illegible] VALVES

[illegible] and [illegible]

[illegible] VAPOR [illegible]

[illegible] VAPORS

[illegible] and [illegible]

[illegible] VARIABLE [illegible]

[illegible] VARIABLES

[illegible] and [illegible]

[illegible] VARIATION

[illegible] and [illegible]

[illegible] VEGETATION

[illegible] and [illegible]

[illegible] VEHICLE [illegible]

[illegible] VEHICLES

[illegible] and [illegible]

[illegible] VELOCITY

[illegible] and [illegible]

[illegible] VESSEL [illegible]

[illegible] VESSELS

[illegible] and [illegible]

[illegible] VIBRATION

[illegible] and [illegible]

[illegible] VIRUS [illegible]

[illegible] VIRUSES

[illegible] and [illegible]

[illegible] VISCOSITY

[illegible] and [illegible]

[illegible] VISION

[illegible] and [illegible]

[illegible] VISUAL [illegible]

[illegible] VITAMIN [illegible]

[illegible] VITAMINS

[illegible] and [illegible]

[illegible] VOLCANIC [illegible]

[illegible] VOLCANOLOGY

[illegible] and [illegible]

[illegible] VOLTAGE [illegible]

[illegible] VOLUME

[illegible] and [illegible]

[illegible] VOLUMES

[illegible] and [illegible]

[illegible] WARFARE [illegible]

[illegible] WASTE [illegible]

[illegible] WASTES

[illegible] and [illegible]

[illegible] WATER [illegible]

[illegible] WATERS

[illegible] and [illegible]

[illegible] WAVE [illegible]

[illegible] WAVES

[illegible] and [illegible]

[illegible] WEAPON [illegible]

[illegible] WEAPONS

[illegible] and [illegible]

[illegible] WEATHER [illegible]

[illegible] WEIGHT [illegible]

[illegible] WELDING

[illegible] and [illegible]

[illegible] WELL [illegible]

[illegible] WELLS

[illegible] and [illegible]

[illegible] WIND [illegible]

[illegible] WINDS

[illegible] and [illegible]

[illegible] WING [illegible]

[illegible] WINGS

[illegible] and [illegible]

[illegible] WIRE [illegible]

[illegible] WIRES

[illegible] and [illegible]

[illegible] WOOD [illegible]

[illegible] WOODS

[illegible] and [illegible]

[illegible] WORK [illegible]

[illegible] WORKS

[illegible] and [illegible]

[illegible] YIELD [illegible]

[illegible] YIELDS

[illegible] and [illegible]

[illegible] ZONE [illegible]

[illegible] ZONES

[illegible] and [illegible]

DIBASOL (Continued)
New possibilities of increasing heat resistance of the body, in the light of experimental data. F. T. Agarkov. Pat. fiziol. i eksp. terap. 6 no. 1,70-73 Ja-F '62.
State of nonspecific increased resistance in animals during muscular training and training with a single administration of dibasol [with summary in English]. V. I. Rosin. Pat. fiziol. i eksp. terap. 6 no. 1,40-53 Ja-F '62.

DIBASOL—PHYSIOLOGICAL EFFECT
Effect of dibasol and ascorbic acid on the heat resistance of rats trained to endure heat and hypoxia. F. T. Agarkov. Gig. truda i prof. zab. 5 no. 6 53-54 Je '61.

DIBENZISOQUINOLINE
Acetylation of 5-methyl-1-(arylamino)-anthrapyridones and synthesis of anthradipyridones. F. P. Filkin, R. P. Kanova. L. Sib. otd. AN SSSR no. 1 62-67 '62.

DIBENZOQUINOLINE
Polycyclic compounds. Part 2. Elimination of substituents in 1,9-disubstituted 6-arylamino-1',9'-anthrapyridones. V. V. Puchkov, I. N. Kurdiumova. Zhur. ob. khim. 32 no. 3 950-957 Mr '62.

DICHLORO-DIPHENYL-TRICHLOROETHANE see DDT (Insecticide)

DICKENS, CHARLES, 1812-1870
Charles Dickens. I. Katushkin, Em. T. Sipel'zon. V mire knig 2 no. 2 35-36 F '62.

DICKSON BAY—METEOROLOGY, MARITIME
Roughness parameter and turbulence coefficient above the water surface in Dickson Bay. V. M. Klimovich. Probl. Arkt. i Antarkt. no. 8 53-61 '61.

DICKSON ISLAND—MAGNETISM, TERRESTRIAL—OBSERVATIONS
Representativeness of observations on magnetic variations made at the observatory on Dickson Island. I. A. Feldshtein. Probl. Arkt. i Antarkt. no. 8 85-87 '61.

DICOTYLEDONS see subdivision under Uzbekistan

DICTATORSHIP OF THE PROLETARIAT
Dialectical development of the dictatorship of the proletariat and the definition of the socialist state. A. I. Kozlov. Izv. vys. ucheb. zav., prav. 6 no. 1 3-17 '63.

DIDEROT, DENIS, 1713-1784
Grichel, D. L. [Diderot's aesthetic opinions] Esteticheskie vzgliad Didro. 2. izd. Moskva, Gos. izd-vo khudozh. lit-ry, 1961. 188 p. (CU) (MH)

DIE CASTING
Mold for the die casting of electric motor stators. A. P. Portnoi. Lit. proizv. no. 3 43 Mr '62.

DIELECTRIC CONSTANTS
Apparatus for measuring the dielectric losses and dielectric constant of solid polymer dielectrics. G. P. Mikhailov, V. A. Shevelev, D. A. Dmitrochenko. Zav. lab. 28 no. 3 331-336 '62.

DIELECTRICS
Measuring the degree of polymerization by the method of dielectric losses [with summary in English]. S. D. Bresler and others. Vysokom. soed. 4 no. 3 419-422 Mr '62.
Relation between the dielectric constant of the solvent and the viscosity of electrolyte solutions. Part 2. Systems $AgBr$ - Al_2Br_6 - C_6H_5Br and $AgBr$ - Al_2Br_6 - C_2H_5Br. I. V. Gorenbein, P. I. Smolentsev. Ukr. anlim. zhur. 28 no. 2 185-187 '62.

DIENCEPHALON—WOUNDS AND INJURIES
Effect of injury to the diencephalon and mesencephalon on the electrical activity of the cerebrum in pigeons [with summary in English]. M. G. Belekhova. Biul. eksp. biol. i med. 53 no. 2 31-35 F '62.

DIES (METALWORKING)
Dies for setting teeth of cutters. M. I. Kiselev. Mashinostroitel' no. 3-39 Mr '62.

DIES (METALWORKING)—MAINTENANCE AND REPAIR
Introducing the built-up welding of dies. D. G. Bloshkin, L. K. Ershov. Svar. proizv. no. 1 26-28 Ja '62.

DIESEL ELECTRIC POWER PLANTS
Wages for diesel machinery operators of power plants. Sel'. mekh. no. 1:24-25 '62.

DIESEL ENGINES—FUEL SYSTEMS
Adjusting fuel systems. K. Achkasov. Sel'. mekh. no. 1: 35-39 '62.
Kaliss'kyi, V. S. [Fuel system of diesel engines] Sistema zhyvlennia dyzel'noho dvyhuna. Kyiv, Derzh. vyd-vo tekhn. lit-ry URSR, 1961. 93 p. (Biblioteka avtomobilista)

DIESEL ENGINES—MAINTENANCE AND REPAIR
Antipov, V. V. [Repair and adjustment of the fuel system of diesel tractors] Remont i regulirovanie toplivnoi apparatury dizel'nykh traktorov. [Saratov] Saratovskoe knizhnoe izd-vo, 1961. 126 p.

DIESEL ENGINES—SUPERCHARGERS
Arrangement of turbocompressors for motor-vehicle and tractor-type diesel engines. N. S. Khanin, G. D. Chernyshov. Vest. mash. 42 no. 3 33-36 Mr '62.

DIESEL ENGINES—TECHNOLOGICAL INNOVATIONS see subdivision under Leningrad

DIESEL ENGINES—TESTING
Effect of the design of distribution members on the gas exchange processes in a two-stroke diesel with loop scavenging. M. G. Kruglov, Ts'ai Gu-sian (Chin Kuo-hsiang). Energomashinostroenie 8 no. 1 15-20 Ja '62.

DIESEL FUELS
Investigating the atomizing of heated diesel fuel. V. F. Ermakov. Trudy LIVT no. 2,23-28 '60.

DIESEL LOCOMOTIVES
(see also subdivision under Kharkov)
Brianskii mashinostroitel'nyi zavod. [The TEM1 locomotive, operation and maintenance instructions] Teplovoz TEM1, rukovodstvo po ekspluatatsii i obsluzhivaniiu. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 102 p.
"Diesel locomotives" by K. A. Shishkin and others. Reviewed by N. A. Sokhachevskii and others. Zhel. dor. transp. no. 3 95-96 Mr '62.
Dobinskii, V. A., and P. M. Egunov. [Construction and performance of the diesel locomotive] Kak ustroen i rabotaet teplovoz. Moskva, Gos. transp. zhel-dor. izd-vo, 1961. 328 p.
Improving the dynamic characteristics of the regulating system of the diesel generator unit of a diesel locomotive. N. G. Apanovich. Sbor. trud. BITM no. 20,107-114 '61.
Volodin, A. I., and G. A. Fofanov. [Saving fuel in the operation of diesel locomotives] Ekonomiia topliva na teplovozakh. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1962. 86 p. (Bibliotechka mashinista teplovoza)

DIESEL LOCOMOTIVES—DESIGN AND CONSTRUCTION
Basic parameters of the future types of diesel locomotives. N. A. Fufrianskii. Zhel. dor. transp. no. 3 20-25 Mr '62.

DIESEL LOCOMOTIVES—EQUIPMENT AND SUPPLIES
Use of alkaline storage batteries for diesel locomotives. I. V. Veviorovskii and others. Zhel. dor. transp. no. 3 65-66 Mr '62.

DIESEL LOCOMOTIVES—HYDRAULIC DRIVE
Use of diesel locomotives with hydraulic drive in industrial enterprises. G. V. Rudkov, V. P. Lukashevich. Zhel. dor. transp. no. 3 75-76 Mr '62.

DIET IN DISEASE
Diet therapy in intestinal infections. I. K. Musabaev. Med. zhur. Uzb. no. 4 13-15 Ap '60.
Dietotherapy in obesity. A. I. Golikov, V. F. Bogolavlenskii. Kaz. med. zhur. no. 5,79-83 S-O '61.

DIFFERENCE EQUATIONS
Difference methods for solving the Cauchy problem for Laplace's equation. L. A. Chudov. Dokl. AN SSSR 143 no. 4 798-801 Ap '62.
Existence and properties of a bounded solution of a system of quasilinear differential difference equations. V. P. Rubanik, V. I. Fedchuk. Ukr. mat. zhur. 14 no. 1 87-92 '62.

DIFFERENCE EQUATIONS—NUMERICAL SOLUTIONS
Numerical solution of a heat-conductivity equation. Sh. E. Mikeladze. Trudy mat. inst. AN Gruz. SSR 27 367-410 '60.

DIFFERENTIAL ANALYZERS, ELECTRONIC see Electronic differential analyzers

DIFFERENTIAL DIAGNOSIS see Diagnosis, Differential

DIFFERENTIAL EQUATIONS
Akademiia nauk Kirgizskoi SSR, Frunze. Institut fiziki, matematiki, mekhaniki. [Studies on integral-differential equations in Kirghizistan] Issledovaniia po integro-differentsial'nym uravneniiam v Kirgizii. Frunze, Izd-vo AN Kirgizskoi SSR.
Vol. 1. 1961.
(NJP)
Asymptotic behavior of nonlinear systems of differential equations. A. D. Briuno. Dokl. AN SSSR 143 no. 4. 763-766 Ap '62.
Asymptotic behavior of solutions of multidimensional systems of differential equations having a singular point of a higher order. A. A. Shestakov. Sib. mat. zhur. 2 no. 5:767-788 S-O '61.
Asymptotic nature of a certain problem with a free boundary for a heat-conduction equation. I. V. Bocharova. Dokl. AN SSSR 143 no. 2:259-261 Mr '62.
Asymptotic stability and small perturbations of periodic systems of differential equations with delayed argument. A. Halanay. Usp. mat. nauk 17 no. 1:231-233 Ja-F '62.
Behavior of the solution to the first boundary value problem with zero conditions at the boundary for a general parabolic equation. IU. M. Cheremnykh. Dokl. AN SSSR 143 no. 3:547-550 Mr '62.
Boundary conditions for a transformed system of differential equations relating to drying [with summary in English]. M. S. Smirnov. Inzh.-fiz. zhur. 4 no. 3 94 Mr '61.
A class of nonlinear degenerating parabolic [illegible] F. S. Sabinina. Dokl. AN SSSR 143 no. 4 [illegible] '62.
Completeness of systems of analytic functions of solutions to second-order differential equations. V. V. Ryndina. Dokl. AN SSSR 143 no. 2 [illegible] '62.
Existence and properties of a bounded solution of a system of quasilinear differential difference equations. V. P. Rubanik, V. I. Fedchuk. Ukr. mat. zhur. 14 no. 1 87-92 '62.
Existence, uniqueness, and continuous dependence of conditions of the solutions to systems of equations with a deflecting argument of type. G. A. Kamenskii. Mat. sbor. 53 no. 4 [illegible] '61.
Extremum principle for systems of differential equations of the second order. V. IA. Skorobogatko. Zhur. [illegible] no. 5 716-758 S-O '61.
Inverse problem of dispersion for equations of parabolic type. V. I. Korop. Sib. mat. zhur. 2 no. 5 S-O '61.
Koshliakov, N. S., E. B. Gliner, and M. M. Smirnov. [Differential equations in mathematical physics] Differentsial'nye uravneniia matematicheskoi fiziki. Pod obshchim rukovodstvom N. S. Koshliakova. Gos. izd-vo fiziko-matem. lit-ry, 1962. 767 p.
Lavrent'ev, M. A. [Variational method in boundary problems for systems of equations of the elliptic type] Variatsionnyi metod v kraevykh zadachakh dlia uravnenii ellipticheskogo tipa. Moskva, Izd-vo Akad. nauk SSSR, 1962. 135 p.
Limit cycles for the system $\frac{dx}{dt} = y + P(x,y)$, $\frac{dy}{dt} = -x + Q(x,y)$, $P(tx, ty) = t^k P(x,y)$, $Q(tx,ty) = t^k Q(x,y)$ if $(0,0)$ is a singular point of the "center" type. I. Lukashevich. Dokl. AN BSSR 5 no. 10 624 [illegible].
Limit cycles of a self-contained system. I. [illegible]. Dokl. AN BSSR 6 no. 3 145-146 Mr '62.
Linear integrals of the equations of motion of a solid rotating about a fixed point. P. V. Kharlamova. Dokl. AN SSSR 143 no. 4 805-807 Ap '62.
Nonautonomous quantities in system with many degrees of freedom in the general resonance region. [illegible]. Ukr. mat. zhur. 14 no. 1 92-96 '62.
On a limiting case in the theory of periodic solutions of Lyapunov's systems. I. M. Volk. Izv. vys. ucheb. zav. mat. no. 6 6-14 '61.
One class of solutions to a system of Maisil-Dzhenkins differential equations. M. S. Smirnov. Mat. sbor. 407-410 D '61.
One method for the numerical integration of ordinary differential equations. O. B. Daugavet. Sib. mat. zhur. 2 no. 5:709-716 S-O '61.
One sufficient condition of boundedness on the right of all solutions of a system of linear differential equations. A. P. Motrenko. Usp. mat. nauk 17 no. 1 207 Ja-F '62.
Principle of the maximum for the transport equation. E. A. Germogenova. Zhur. vych. mat. i mat. fiz. 2 no. 1 169-174 Ja-F '62.
Problem involving a directional derivative. I. F. [illegible]. Sib. mat. zhur. 3 no. 1 17-35 Ja-F '62.
Properties of asymptotic expansions of the solution of an equation of integral curves of some systems of differential equations. A. N. Erugin. Dokl. AN BSSR 5 no. 10:421-423 O '61.
Reducibility of a system of ordinary differential equations in the vicinity of conditionally-periodic motion. N. Belagn. Dokl. AN SSSR 143 no. 2:255-258 Mr '62.
Residual term in Adams' numerical integration formula. D. V. Ioncacu. Zhur. vych. mat. i mat. fiz. 2 no. 1 157 Ja-F '62.
The simplest incomplete differential equation. [illegible] Bogdanov. Dokl. AN BSSR 5 no. 10:427-429 O '61.
Solution of a special system of differential equations with constant coefficients. A. M. Lopshits. Trudy Tbilisskogo [illegible] vekt. i tenz. anal. no. 11:129-140 '61.
Solution stability of the counting system of differential equations. M. U. Tulegenov. Vest. AN Kazakh. SSR no. 3:77-82 Mr '62.
Solutions of the type of the "smoothed shock wave" for nonlinear equations. G. IA. Liubarskii. Usp. mat. nauk 17 no. 1, 183-189 Ja-F '62.
Some criteria of the limitation of solutions of systems of nonlinear differential equations [with summary in Hebrew]. V. P. Skripnik. Ukr. mat. zhur. 14 no. 1 97-102 '62.
Some instances of the generation of periodic motions in n-dimensional space. I. P. Shilnikov. Dokl. AN SSSR 143 no. 2:289-292 Mr '62.
Some problems of the qualitative investigation of differential equations in a plane. I. V. Medvedev. Izv. vys. ucheb. zav., mat. no. 6:82-88 '61.
Sufficient conditions of the stability of solutions of second order nonlinear equations. V. N. Shevelo, V. Shtelik. Ukr. mat. zhur. 14 no. 1 109-112 '62.
Systems of ordinary differential equations with continuous dependence on the argument [with summary in English]. A. A. Sharshanov. Ukr. mat. zhur. 14 no. 1:63-74.
Theory of linear differential operators. F. Z. Zigel'. Izv. vys. ucheb. zav. mat. no. 6:25-31 '61.

DIFFERENTIAL EQUATIONS (Continued)

Use of the selection method in the case of a self-adjoint system of second order. V. B. Lidskii, M. G. Neigauz. Zhur. vych. mat. i mat. fiz. 2 no. 1:161-165 Ja-F '62.

Using a Fourier transformation for solving a diffraction problem. L. S. Klabukova. Zhur. vych. mat. i mat. fiz. 2 no. 1:89-96 Ja-F '62.

Using the asymptotic approximation method for studying the dynamics of the Boltse - Sardou regulator. B. A. Al'tshul'. Dokl. AN SSSR 143 no. 3:555-557 Mr '62.

Volkov, D. M. [Differential equations and their application in natural science.] Differentsial'nye uravneniia i ikh prilozhenila v estestvoznanii. [Leningrad] Izd-vo Leningr. univ., 1961. 132 p.

DIFFERENTIAL EQUATIONS—NUMERICAL SOLUTIONS

Difference methods for the numerical solution of gas dynamics problems. S. K. Godunov, K. A. Semendiaev. Zhur. vych. mat. i mat. fiz. 2 no. 1:3-14 Ja-F '62.

Minimum number of singular points in the numerical integration of the heat conductivity equation. Chzhan Guan-ta-tuan' [Chang Kuang-chuan]. Zhur. vych. mat. i mat. fiz. 2 no. 1:80-86 Ja-F '62.

Some difference systems for solving boundary value problems. F. G. D'iakonov. Zhur. vych. mat. i mat. fiz. 2 no. 1:57-79 Ja-F '62.

Uniform difference system for nonlinear equations of the parabolic type. A. A. Samarskii. Zhur. vych. mat. i mat. fiz. 2 no. 1:25-56 Ja-F '62.

DIFFERENTIAL EQUATIONS, LINEAR

Concerning a certain boundary value problem and some aspects of the inconstancy of solutions. V. P. Skripnik. Mat. sbor. 5 no. 4:449-472 D '61.

DIFFERENTIAL EQUATIONS, PARTIAL

Approximate solution of a nonlinear problem of the parabolic type. G. M. Shaidukov. Izv. vys. ucheb. zav., mat. no. 6:132-141 '61.

Infinitesimal bends in the "slide" of surfaces of revolution with negative curvatures [with summary in English]. V. I. Mikhailovskii. Ukr. mat. zhur. 14 no. 1:18-29 '62.

Liouville theorems for parabolic systems in the sense of G. E. Shilov. C. D. Eidel'man, C. D. Ivasishen, F. O. Porper. Izv. vys. ucheb. zav., mat. no. 6:169-179 '61.

Nedialkov, I. P. [Reduction of solutions of elliptic differential equations.] Reduktsiia reshenii differentsial'nykh uravnenii ellipticheskogo tipa. Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 9 p.

Some plane boundary value problems for anisotropic elastic bodies. T. V. Burchuladze. Trudy mat. inst. AN Gruz. SSR. 27:293-332 '60.

Some problems for M. A. Lavrent'ev's equation. Iu. M. Krikunov. Izv. vys. ucheb. zav. ;mat. no. 6:60-70 '61.

Stationary phase method for multidimensional integrals. M. V. Fedoriuk. Zhur. vych. mat. i mat. fiz. 2 no. 1:145-150 Ja-F '62.

DIFFERENTIAL GEOMETRY see Geometry, Differential

DIFFRACTION

Diffraction phenomena observed when using the knife and slot shadow photometric method. L. A. Vasil'ev, M. M. Svetnikov. Dokl. AN SSSR 143 no. 3:578-581 Mr '62.

DIFFUSERS

Wave starting of a supersonic diffuser. A. I. Lashkov, A. A. Nikol'skii. Inzh. zhur. 2 no. 1:11-18 '62.

DIFFUSERS—TESTING

Efficiency of the curvilinear diffuser with transverse ribs. V. K. Migai. Energomashinostroenie 8 no. 1:45-46 Ja '62.

DIFFUSION

Calculating the growth rate of the spherical center of a new phase limited by diffusion through the intermediate region. I. P. Gorkusha, B. IA. Liubov. Fiz. met. i metalloved. 13 no. 2:161-165 '62.

Diffusion coefficients in polycrystals. D. G. Dolgopolov. Fiz. met. i metalloved. 13 no. 2:208-213 '62.

Investigating causes of the diffusion activity of distorted crystals. Part 6: Effective coefficient of diffusion in polycrystals. A. M. Rainer, IA. E. Geguzin. Fiz. met. i metalloved. 13 no. 2:211-218 '62.

Reaction diffusion in systems Mo - Si, W - Si, and Ta - Si. L. F. Verkhoturova and others. Fiz. met. i metalloved. 13 no. 1:77-81 Ja '62.

Some problems in the nonstationary diffusion. V. K. Turkin, V. M. Glasko. Inzh. zhur. 2 no. 1:188-192 '62.

Some results of measurements of the diffusion parameters of organic liquids using the pulse method. L. N. Il'inova and others. Atom. energ. 12 no. 4:331-332 Ap '62.

Stochastic equations for diffusion processes in a bounded region. Part 2 [with summary in English]. A. V. Skorokhod. Teor. veroiat. i ee prim. 7 no. 1:5-25 '62.

DIGESTION

Apropos of V. L. Merkulov's article, "Materials on I. P. Pavlov's attitude towards the use of mathematical methods in studying problems in digestion and higher nervous activity." V. Fedorov. Zhur. nevr. i psikh. 62 no. 3:478-479 '62.

Effect of tetracycline on general motor and food activity of animals during the development of experimental focal infection [with summary in English]. A. M. Chernukh, N. A. Ushchenko. Antibiotiki 7 no. 4:349-352 Ap '62.

DIGESTIVE ORGANS—DISEASES

Disorders of the cardiovascular system in certain diseases of the digestive system. A. IA. Gabergrits, V. K. Mashagatov. Vrach. delo no. 8:6-10 Ag '61.

Principles and methods in treating diseases of the digestive system with Tashkent mineral water. B. A. Katsenovich. Med. zhur. Uzb. no. 4:16-19 Ap '60.

DIGESTIVE ORGANS—ECHINODERMATA

Destruction of gastric tissues in the starfish Asterias rubens L. as a response to changes in the environmental conditions. V. A. Sokolov, L. A. Astaf'eva. Trudy MMBI no. 3:55-60 '61.

DIGITALIS

Content of lanatosides ABC in Digitalis lanata depending on its nutrition. V. P. Gryzlov, E. V. Gulyi. Med. prom. 16 no. 2:8-11 F '62.

Quantitative determination of lanatosides A, B, C, and D in Digitalis lanata. E. A. Gulyi, P. M. Loshkarev. Med. prom. 16 no. 1:41-45 Ja '62.

DIKES (GEOLOGY) see subdivision under Turkestan Range

DILATOMETRY

Dilatometer for investigating high-elasticity materials at low temperatures. G. M. Bartenev, V. I. Gartsman. Zav. lab. 28 no. 2:245-247 '62.

DIMENSIONAL ANALYSIS

Dimensional diagrams in boiler designing. K. A. Zhuravlev. Energomashinostroenie 8 no. 1:38-40 Ja '62.

Theory of similitude in technical magnetohydrodynamics. I. L. Povkh. Trudy LPI no. 217:83-91 '61.

DIODES

Problem concerning the inertness of p-n diodes with forward biased junctions and high current densities. L. I. Baranov. Radiotekh. i elektron. 7 no. 4:693-701 Ap '62.

DIOPHANTINE ANALYSIS

Representation of numbers by certain ternary quadratic forms. G. A. Lomadze. Trudy mat. inst. AN Gruz. SSR 27:115-141 '60.

DIORITE

Reflection of the microheterogeneity of the magmatic melts in the structure of augen-diorite enriched with titanium [with summary in English]. M. L. Gel'man. Geokhimiia no. 2:147-153 '62.

DIPHTHERIA

Bacterial carrier state in diphtheria in an experiment on guinea pigs. N. V. Podlesnaia. Zhur. mikrobiol., epid. i immun. 33 no. 2:126 F '62.

Diagnosis of diphtheria. N. K. Belaia. Vest. AMN SSSR 17 no. 2:41-49 '62.

Differential diagnosis of laryngitis of diphtherial and nondiphtherial etiology. K. G. Petrova. Zdrav. Kazakh. 22 no. 1:66-69 '62.

Diphtheria of the eyes according to data from the First [Karan] Hospital for Infectious Diseases. N. P. Vasil'eva, A. R. Shagidullina. Kaz. med. zhur. no. 5:75 S-O '61.

Effect of human globulin on the course of diphtheria in an experiment. G. A. Sudnaev. Zdrav. Bel. 8 no. 1:52-53 Ja '62.

Serological diagnosis of diphtheria and its significance in detecting mild forms of diphtheria [with summary in English]. R. O. Alieva. Pediatriia no. 2:76-79 '62.

Some problems in the epidemiological analysis of morbidity due to diphtheria. P. G. Rytik. Zdrav. Bel. 8 no. 1:13-15 Ja '62.

Sleponaitiene, Liudmila. [Let us eliminate diphtheria] Likvidavokime difterija. Vilnius, Valstybine politines ir moksliines literaturos leidykla, 1961. 15 p. [In Lithuanian] (DNLM)

Two cases of treating diphtherial polyneuritis with disorders of respiration by means of "iron lungs." M. V. Kabargina. Pediatriia no. 2:84-85 '62.

DIPHTHERIA—PREVENTION
(see also subdivision under Petrozavodsk)

First stage in the eradication of diphtheria in the U. S. S. R. M. I. Khazanov. Vest. AMN SSSR 17 no. 2:50-55 '62.

Pathogenesis and specific prevention of diphtheria. K. D. Platkin. Vrach. delo no. 2:112-115 F '62.

DIPLOMATIC AND CONSULAR SERVICE

[The diplomatic corps in Moscow] Diplomaticheskii korpus v Moskve. [n. p.] M-vo inostr. del SSSR, ianvar, 1962. 143 p.

DIPLOMATIC PRIVILEGES AND IMMUNITIES

Criminal responsibility for offenses against the representatives of foreign states. G. Z. Anashkin. Sov. gos. i pravo 32 no. 4:121-126 Ap '62.

DIPLOPODA
(see also subdivision under Tatar A.S.S.R.)

Polydesmoidea (Diplopoda) of the forest zone of European Russia [with summary in English]. I. I. Lokshina. Zool. zhur. 41 no. 3:156-159 Mr '62.

DIPOLE MOMENTS

Relation between the collective and shell descriptions of dipole excitations of atomic nuclei [with summary in English]. V. V. Balashov. Zhur. eksp. i teor. fiz. 42 no. 1:275-281 Ja '62.

DIPROPHEN

Use of diprophen in the treatment of toxic angioneuroses. N. A. Smirnova. Gig. truda i prof. zab. 4 no. 1:48-49 Ja '60.

DIPTERA

Sepsidae and Diptera as synanthropic forms. A. M. Lobanov. Biul. MOIP. Otd. biol. 67 no. 1:125-128 Ja-F '62.

DIRECTION FINDERS, RADIO see Radio direction finders

DIRICHLET'S SERIES see Series, Dirichlet's

DISABILITY EVALUATION
(see also subdivision under Kirghizistan)

Late results of a work capacity after pancreatoduodenal resection for tumors and the periampullar region. L. A. Kasatkin. Khirurgiia no. 3:40-43 '62.

Problems of medical examinations to determine the working capacity of persons with cerebral arteriosclerosis. B. F. Zimovskii. Vrach. delo no. 2:124-128 F '62.

DISABILITY INSURANCE see Insurance, Disability

DISARMAMENT
(see also subdivision under Germany)

Demilitarization of special zones in the light of the problem of disarmament. B. M. Klimenko. Sov. gos. i pravo 32 no. 4:98-108 Ap '62.

Moscow, Geneva and peace. Sov. Soluz. no. 3,1 '62.

N. S. Khrushchev on disarmament. Nov. vrem. 20 no. 13:5 Mr '62.

Observer's notes. Sov. Soluz. no. 4:1-2 '62.

Supreme duty of the states. Sovremennik. Nov. vrem. 20 no. 13:4-5 Mr '62.

Talks in Geneva. V. Berezhkov. Nov. vrem. 20 no. 14:3-5 Ap '62.

Women and disarmament. Carmen Santi. Nov. vrem. 20 no. 13:17 Mr '62.

"Women's strike for peace." E. Shibarina. Nov. vrem. 20 no. 14:20 Ap '62.

The world chooses peace. Ogonek 40 no. 9:3 F '62.

DISASTERS

Adabashev, I. I. [Reason against the elements] Razum protiv stikhii. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1962. 270 p.

"Mind against the elements" by I. Adabashev. Reviewed by A. Kolpakov. V mire knig 2 no. 2:14 F '62.

DISCIPLINE, MILITARY see Military discipline

DISCONTINUOUS FUNCTIONS see Functions, Discontinuous

DISCS see Phonorecords

DISEASE (PATHOLOGY) see Pathology

DISEASES—CAUSES AND THEORIES OF CAUSATION

Some medical theories in the West (Selye concept). IA. IA. Gordon. Med. zhur. Uzb. no. 4:5-11 Ap '60.

DISEASES—REPORTING see subdivision under Makeyevka

DISEASES, OCCUPATIONAL see Occupational diseases

DISINFECTION AND DISINFECTANTS

Testing disinfectants in the control of farm crop diseases. I. V. Popova. Trudy Vseros. nauch.-issl. inst. sakh. svekly i sakh. 1 no. 2:68-70 '61.

DISKS, ROTATING

Effect of uneven heating on the stressed state of turbomachine disks. A. G. Andreev. Sbor. trud. Lab. gidr. mash. no. 9:103-112 '61.

DISLOCATIONS IN CRYSTALS

Deformation field in an isotropic elastic medium with moving dislocations [with summary in English]. A. M. Kosevich. Zhur. eksp. i teor. fiz. 42 no. 1:152-162 Ja '62.

DISLOCATIONS IN METALS

Defects due to hardening in nickel-aluminum solid solutions. IU. A. Osip'ian, M. P. Usikov. Dokl. AN SSSR 143 no. 2:319-322 Mr '62.

Determining elongation value related to slip traces. V. M. Rozenberg. Zav. lab. 28 no. 2:219-222 '62.

Electron microscopy of a dislocation structure in alpha-iron. L. G. Orlov. Fiz. met. i metalloved. 13 no. 2:288-293 '62.

DISLOCATIONS IN METALS (Continued)
Relation between the distribution of dislocations over the activation energy levels and the deformation value L A Oding, V N Geminov Dokl AN SSSR 143 no 4-836-839 Ap '62
Theory of the Frank-Read sources. A. N Orlov Fiz met i metalloved 13 no 1 18-23 Ja '62

DISMISSAL OF EMPLOYEES see Employees, Dismissal of

DISPENSARIES
Dispensary care of patients with surgical diseases in a rural medical center R. L. TSvang, D. S. Berlinskii Sov zdrav 21 no 3:15-18 '62
Program of the CPSU and problems in dispensary care L. G Lekarev Sov zdrav. 21 no 3 11-14 '62

DISPERSION
Optical rotatory dispersion W. Kiyne Usp khim 31 no 3 385-396 Mr '62

DISPERSOIDS see Colloids

DISSOCIATION
Some supersonic gas flows considering the phenomena of dissociation and ionization. IU. N. Diakonov, U G Pirumov Izv AN SSSR Otd. tekh. nauk. Mekh. i mashinostr. no 1 7-14 Ja-F '62.

DISTANCE GEOMETRY
Completely bounded metric spaces. IU. Orevkov Dokl. AN SSSR 143 no 2 280-281 Mr '62
Imbedding theorems for fractional spaces K K Golovkin, V A. Solonnikov Dokl AN SSSR 143 no. 4 767-770 Ap '62
One class of Riemann spaces G. I. Kruchkovich Trudy Sem po vekt i tenz anal no 11,103-128 '61
Spaces with common geodesics A. S. Solodovikov Trudy Sem. po vekt. i tenz. anal. no 11,43-102 '61

DISTILLATION
Increasing the purity of aluminum by distillation through the subfluorids A I Beliaev, L. A Firsanova, Sbor nauch trud GINTSVETMET no 33 120-131 '60

DISTILLATION APPARATUS see subdivision under Lokhvitsa

DISTILLING, ILLICIT
Criminal responsibility for illicit distilling S. E Solov'ev, I. G Filanovskii Sov gos i pravo 32 no 3 135-139 Mr '62.
Devotees of the evil of drink A Gorin Sov just. no 24 25-26 D '61

DISTILLING INDUSTRIES
Cooking potato pulp in a combined processing of potatoes, P A. Chatskii, N. A. Shirobokov. Spirt. prom. 28 no. 2-28-30 '62.
For further technological progress in the alcohol industry and the liqueur and vodka industry. A. F. Berenshtein, D. I Red'ko, P. A Chatskii. Spirt. prom. 28 no. 2:5-7 '62
Increasing labor productivity must be the most important objective of industry workers. Spirt. prom. 28 no 2 1-4 '62.

DISTILLING INDUSTRIES—BY-PRODUCTS
(see also subdivision under Bel'tsy)
Baker's yeasts obtained in the production of alcohol from sugar-beet molasses. F. B. Krishtul. Khleb. i kond. prom 6 no 3 14-15 Mr '62.
Utilization of distilling washes from alcohol and acetone-butyl alcohol plants in the production of feed antibiotics. V B. Fremel' and others. Spirt. prom. 28 no. 2,26-27 '62.

DISTILLING INDUSTRIES—PERIODICALS
Conference of readers of the journal "Spirtovaia promyshlennost'." Spirt. prom. 28 no. 2:40-41 '62.

DISTRIBUTION (PROBABILITY THEORY)
Approximation of functions from $\widetilde{W}_p^{(l)}(D)$ and $W_p^{(l)}(D)$ spaces by continuously differentiable functions. V. P Il'in. Trudy Mat. inst 64 61-78 '61
Comparison of parameters of Poisson distributions [with summary in English] L N. Bol'shev. Teor veroiat. i ee prim 7 no 1,119-120 '62
Density of one Gaussian distribution with respect to another [with summary in English]. IU. A. Rozanov Teor veroiat. i ee prim. 7 no. 1:84-89 '62.
False correlation between random quantities. O. V Sarmanov. Trudy Mat. inst. 64:173-184 '61.
Formulas for the extrapolation of random fields. M. I Fortus Teor. veroiat. i ee prim 7 no. 1:104-113 '62.
Mises' theorem on the asymptotic behavior of functionals of empirical distribution functions and its statistical applications [with summary in English] A. A. Filippova Teor veroiat i ee prim. 7 no 1:26-60 '62.
Principle of duality in a class of infinitely divisible processes. V. M. Zolotarev. Trudy Mat. inst. 64:52-60 '61.

DISTRIBUTIVE EDUCATION see subdivision under Kiev; Moscow; Novosibirsk

DITILIN
Late recumarization during the use of Ditilin A. V. Avakian, K. A. Gulanian Vest khir no 9,102-104 '61

DIURETICS AND DIURESIS
Electrolyte metabolism in circulatory insufficiency during the treatment with novurit, hypothiazide and fonurit; preliminary report [with summary in English] A. IU. Shcheglov. Terap arkh. 34 no. 3 35-40 '62.
Influence of hyaluronidase inhibitors on diuresis [with summary in English] A. G. Ginetsinskii, V F Vasil'eva Biul eksp biol i med 52 no 7,3-9 Jl '61
Observations on the diuretic effect of hypothiazide. V A Sribner. Vrach. delo no 8 118-119 Ag '61.
Potassium chloride as a saline diuretic [with summary in English]. G. S Atamanov. Terap. arkh. 34 no. 3 111-115 '62.

DIVERGENT SERIES see Series, Divergent

DIVING, SUBMARINE
(see also subdivision under Arctic regions)
At a great depth. E. Kamenetskii. Sov. voin. 43 no. 23;6-7 D '61.
Makarov, E. I., and IU. L. Pokras. [Skin diving] Plavanie pod vodoi. Moskva, Izd-vo "Sovetskaia Rossiia," 1960. 86 p.
Under the ice in an aqualung. V Bykov Sov. voin 44 no. 5:46 Mr '62.

DIVING, SUBMARINE—CONGRESSES
Union of underwater explorers. V. G. Azhazha, R. B. Mamaeva Okeanologiia 1 no. 5,928-930 '61

DIVISION OF LABOR
(see also subdivision under Communist Countries)
Technological division of labor and the scientific basis for the classification of workers. E. Kulikova. Sots. trud 7 no. 3:16-24 Mr '62.

DNEPRODZERZHINSK HYDROELECTRIC POWER STATION
New constructional decisions in the hydraulic turbine equipment of the Dneprodzerzhinsk Hydroelectric Power Station N. N Robuk, V G Kravtsov Elek sta 33 no 2 32-36 F '62

DNEPROPETROVSK—COKE INDUSTRY—EQUIPMENT AND SUPPLIES
Public Construction Bureau Koks i khim no 3 61 '62

DNEPROPETROVSK—DANCING
Ballet performances of university students O. Veselyi. Ukraina no. 2 27 Ja '62

DNEPROPETROVSK—FOOD CONTAMINATION
Bacterial contamination of semi prepared and prepared food products (from data in Dnepropetrovsk) [with summary in English] N V Avdeeva, V A Lavrent'eva, I. I. Shpita. Vop pit. 21 no 2 60-63 Mr-Ap '62.

DNEPROPETROVSK—HARBOR
Efficiency promotion and inventions in the Dnepropetrovsk harbor. A. Gol'dman Rech transp. 21 no. 2,17-19 F '62.

DNEPROPETROVSK PROVINCE—MANGANESE MINES AND MINING
Hrazhdantsev, I. I. [The Bogdanovka Ore Dressing and Sintering Plant of the "Nikopol'-Marganets" Industrial Trust] Bohdantvs'ka zbahachuval'no-aglomeratsiina fabryka tresta "Nikopol'-Marganets'." [Dnipropetrovs'k] Dnipropetrovs'ke knyzhkove vyd-vo, 1959. 12 p.

DNEPROPETROVSK PROVINCE—RELIGION
"There is plenty of fuss in our sexton's house, a collection of antireligious sayings of the workers in Dnepropetrovsk Province." Edited by D. F. Fedorenko Reviewed by M. Rodina. Nar. tvorch ta etn 5 no 1 139-140 O-D '61.

DNEPROPETROVSK PROVINCE—TECHNOLOGICAL INNOVATIONS
Volchenko, F. R., and M. B. Mekler. [Inventors and efficiency experts of Dnepropetrovsk Province] Izobretateli i ratsionalizatory stroek Dnepropetrovshchiny Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1961. 40 p.

DNIEPER HYDROELECTRIC POWER STATION—LOCKS (HYDRAULIC ENGINEERING)—MAINTENANCE AND REPAIR
Major restoration and repair of the bituminous keys in the Dnieper lock. I. F. Ocheretianii, M. M. Davidovskii. Gidr. stroi. 32 no. 1 24-25 Ja '62.

DNIEPER RIVER—HARBORS
New developments in the business relations between Dnieper Basin harbors. S. Znamenskii. Rech. transp. 21 no. 2:20-22 F '62.

DNIEPER RIVER—INLAND WATER TRANSPORTATION—ACCOUNTING
Economic aspects of passenger transportation on the Dnieper. V. V. Belousov, B A. Atlas. Trudy LIVT no. 3 33-40 '60.

DNIEPER RIVER—MICROBIOLOGY
Detecting dysenterial microbes in the water of the Dnieper River by the phage titer growth rate a bacteriological method [with summary in English] F. N. Poddubnyi. Zhur. mikrobiol., epid. i immun. no 2 102-106 F '62

DNIEPER RIVER—VIMBA
Reproduction of Vimba vimba carinata (Pall.) in the Dnieper River following the construction of the Hydroelectric Power Station. V. I Vladykov. Rybkhoz. 2 no 1 118-126 '62.

DNIEPER VALLEY—COLLECTIVE FARMS
New trends in the mode of life of the collective farmers in the middle Dnieper Valley D. F. O. F. Kuvent'eva Nar. tvorch ta etn 5 O-D '61.

DNIEPER VALLEY—GEOLOGY, STRATIGRAPHIC MAPS
Current problems in the study of the Ukrainian Shield IU. I. Polovinkina Inform. sb. no 16;39-43 '59

DNIEPER VALLEY—WATER RESOURCES DEVELOPMENT
Didkovs'kyi, M. M. [Problem of the "Great Dnieper"; Problemy Velykoho Dnipra. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 43 p.

DNIESTER VALLEY—FORESTS AND FORESTRY
Forests of the upper Dniester Valley [with summary in English] IU. R. Shcheliah-Sosenko. Ukr. bot. zh. no. 6,32-39 '61.

DOBROLIUBOV, NIKOLAI ALEKSANDROVICH, 1836-1861
Zhdanov, V. V. [N. A. Dobrolubov, a biographical critical study] N. A. Dobrolubov; kritiko-biograficheskii ocherk. Moskva, Gos. izd-vo khudozh. lit-ry, 1961. 104 p.

DOBROMYSLOV, VASILII ALEKSEEVICH, 1892
Birthday of V. A Dobromyslov. A V. Tekucheva Nar. v shkole 21 no. 2 117-118 Mr-Ap '62.

DOBRYANKA DISTRICT—LUMBERING—FINANCE
How we organize income receipts from lumbering. A. Kuteiglin Fin SSSR 23 no. 3:82-84 Mr '62

DOCKS—ELECTRIC EQUIPMENT
Reingol'd, IU. A. [Electrical equipment of land enterprises for inland water transportation] Elektricheskoe oborudovanie promyshlennykh predprivatiia rechnogo transporta. Leningrad, Izd-vo "Rechnoi transport," 1961. 350 p.

DOCUMENTARY FILMS see Motion pictures, Documentary

DOLPHINS
(see also subdivision under Black Sea)
Determining the sexual condition of the females of dolphin (Delphinus delphis L.) by morphological features in their reproductive system V E Sokolov [et al.] Dokl. vys. shkoly, biol. nauki no. 1, 38-50 '62
Meaty tribe of dolphins S. Varshavskii. Vo[illegible] no 3 53-57 Mr '62.

DOMESTIC ANIMALS
Khrabustovskii, I. F. [Care and maintenance of farm animals] Dohliad ta utrymannia sil's'kohospodars'kykh tvaryn. Kyiv, Derzh. vyd-vo sil's'kohospodars'koi lit-ry, 1959. 106 p. (DA)

DOMESTIC ANIMALS—PARASITES see Parasites—Domestic animals

DON VALLEY—ANTIQUITIES
Work of the Lower Don Expedition in 1957-1959 [illegible] Shelov. Krat. soob. Inst arkheol. no. 93 125-135

DON VALLEY—GRAPES—VARIETIES
Characteristics of some changes in Don grape varieties under various growing conditions V. L. Molchanova, A. G. Tubeikina Trudy Nauch.-issl. inst sad. i vinod. 24:97-103 '60.

DON VALLEY—HISTORY
PRONSHTEIN, A. P. [The Don Valley in the 18th century] Zemlia Donskaia v XVIII veke. [Rostov-na-Donu] Izd-vo Rostovskogo univ., 1961. 374 p.

DON VALLEY—PERCH
Weight of young pike perch released from the fish-breeding and rearing farms of the Don Valley. N. N. Zhukova. Ryb. khoz. 37 no. 10;19-22 '61.

DON VALLEY—VIMBA
Flooding time of vimba ponds in the Don Valley. D. F Logvinovich. Ryb. khoz. 38 no 3:23-24 '62.

DON-VOLGA CANAL see Volga-Don Canal

DONETS BASIN—APARTMENT HOUSES
Experimental study of a large-panel house G. Gr[illegible] Stroi. i arkhit. 9 no. 11,11-14 N '61

DONETS BASIN—CLAY

Lithological and mineralogical characteristics of clay rocks in the lower Carboniferous carbonate stratum of the Donets Basin N D Reshetniak, V. G Savina Dokl AN SSSR 143 no 4 917-950 Ap '62

DONETS BASIN—COAL GEOLOGY

Coal potential of the Middle Carboniferous in the Dnieper Valley and southern Lozovskiy coal regions of the western Donets Basin. N I. Lazarenko Izv. vys. ucheb zav., geol i razv 5 no. 2 41-48 F '62

DONETS BASIN—COAL MINERS

Cheiialin, P L. [The road of a hero] Boi ogol geroia Moskva, Gos. izd-vo polit. lit-ry, 1962 46 p (Geroi i podvigi)

A deserving life. I. Zenin Sov. shakht. 11 no. 4.36-37 Ap '62

Restless heart V. Sedov. Sov. shakht. 11 no 4-32 Ap '62

What about the initiative of the mine committee? V. Krasnogorskii Sov shakht 11 no. 4.19-20 Ap '62

DONETS BASIN—COAL MINERS—EDUCATION AND TRAINING

Mines and technical education V. Dragun Sov. shakht 11 no 4 17 Ap '62.

DONETS BASIN—COAL MINES AND MINING

Comprehensive mechanization and organization of work in a mine S. Pasal'skii. Sots. trud 7 no. 3 119-123 Mr '62.

A skillful organization of work is the basis of success. Z N Goldberg Bezop. truda v prom 6 no. 3;3-4 Mr '62

DONETS BASIN—COAL MINES AND MINING—PRODUCTION STANDARDS

Unifying and consolidating comprehensive norms for mining. N. Prokopenko, I. Kryzhko. Sots. trud 7 no. 3,90-96 Mr '62.

DONETS BASIN—COKE INDUSTRY

Plant laboratories of the Donets Region from 1959 to 1961 E. G. Kuznetsov, A. P. Zherdev. Koks i khim no 2;53-56 '62

DONETS BASIN—EROSION

Hydrophysical properties of eroded soils in the Donets Basin [with summary in English] N. K Shikula Pochvovedenie no 2 99-104 F '62

DONETS BASIN—GEOLOGY, STRUCTURAL

Low-angle overthrusts in the northeastern part of the Donets Basin S. F. Trofimov. Izv. vys. ucheb zav., geol i razv 5 no 2 95-96 F '62

Relation between recent and modern tectonic movements and methane-bearing and outburst zones in the Donets Basin G. A. Kon'kov Dokl. AN SSSR 143 no 3 670-673 Mr '62.

DONETS BASIN—HYDRAULIC MINING

Hydraulic mining in the Donets Basin. M. Gubanov. Sov. shakht 11 no. 4;22-24 Ap '62.

DONETS BASIN—METHANE

Relation between recent and modern tectonic movements and methane-bearing and outburst zones in the Donets Basin G. A. Kon'kov. Dokl. AN SSSR 143 no. 3;670-673 Mr '62

DONETS BASIN—MINERS—SONGS AND MUSIC

"Songs and tales of the Donets Basin." Compiled by O. V. Ionov Reviewed by F. Pustovo and M. Radets'ka Nar. tvorch. ta etn 5 no 4 137-139 O-D '61.

DONETS BASIN—RESERVOIRS

Baranov, V. A. [Forecasting the salt content of reservoir waters] Prognoz solevogo rezhima vodokhranilishch. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1962, 124 p.

DONETS BASIN—STEEL INDUSTRY

Their intimate friendship. S. Telegin. Agitator no. 8 60-61 Ap '62.

DONETS BASIN—TIME STUDY

Results of time study. V. Borozovskii. Sov. shakht. 11 no 4;18-19 Ap '62.

DONETSK PROVINCE—ECONOMIC CONDITIONS

Dladyk, I. I. [The stride of the seven-year plan, an economic sketch] Postup' semiletki; ekonomicheskii ocherk. Stalino, Knizhnoe izd-vo, 1960. 135 p. (MH)

DONETSK PROVINCE—LICHENS

Interrelationships between lichens in lithotic groups of the preserves of the Ukraine steppes [with summary in English]. A. N. Oksner. Ukr. bot. zhur. 18 no. 6;64-73 '61.

DOPAN

Effect of "flormetasarkolizin" and "florpan" on the sarcomm-45, resistant to sarcolysine and dopan S. A. Papoian. Vop. radiobiol. [AN Arm. SSR] 1;165-169 '60.

DOPPLER EFFECT

Use of Doppler's aeronautical systems in aerial photographic surveying. V. K. Orlov. Geod. i kart. no 2 69-76 F '62.

DOUBLE REFRACTION see Refraction, Double

DOUGH see subdivision under Polyarnyy (Murmansk Province)

DRAFT HORSES see subdivision under Latvia

DRAFTING, MECHANICAL see Mechanical drawing

DRAGONFLIES see subdivision under Baikal Lake region

DRAINAGE

Determining the proportional shares in the construction of intercollective farm soil improvement systems. K. Zhurkovskii. Ekon. sel'khoz. 33 no. 1 108-110 Ja '62.

Drainage of low moors. S. F. Averianov. Nauch. zap. MIIVKH 19;3-76 '57.

DRAINAGE, SURGICAL

Drainage between the dural sac and the abdominal cavity in hydrocephalus in children [with summary in English] P. A Kartashov Vop neirokhir no 2 36-37 '62

Draining the cavities following extrapleural pneumonolysis IU. P. Danilovskii Zdrav Kazakh 22 no 1 18-21 '62

Prolonged lumbar vinyl chloride drainage V I Grebeniuk Vop neirokhir no 2 41-42 '62.

DRAINTILES

[Production of bricks, tiles, and drainpipes] Plytu cerpiu ir drenu gamyba. [By] V. Jasiukevicius ir kiti. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 258 p. [In Lithuanian]

DRAMA—HISTORY AND CRITICISM

Grigulis, Arvids, comp. [Theory and technique of drama] Dramas teorija un tehnika, rakstu kopojums. Riga, Latvijas Valsts izdevnieciba, 1961. 749 p. [In Latvian]

DRAWING—INSTRUCTION

Delneka, A. A. [Learn how to draw; conversations with drawing students] Uchites' risovat'; besedy s izuchaiushchimi risovanie. Moskva, Izd-vo Akad. khudozh. SSSR, 1961 222 p.

Lamaček, Josef. [Elements of drawing from nature. Translated from the Czech] Osnovy izobrazhenila s natury Kiev, Izd-vo Akad. nauk USSR, 1961 124 p.

DRAWING (METALWORK)

Comparative analysis of power conditions in pipe drawing with floating and fixed cylindrical mandrels. I. L. Perlin V. IA Shapiro. Sbor. nauch trud GINTSVETMET no. 33 299-304 '60

Drawing a strip through a curvilinear die under plane deformation conditions. G. I. Bykovtsev. Izv. AN SSSR. Otd. tekh. nauk Mekh. i mashinostr. no 1 144-148 Ja-F '62

Drawing with a conical blank holder M. A. Platonov Kuz.-shtam. proizv. 4 no. 3;17-18 Mr '62.

Hot drawing of deformation-resistant steels and alloys. D. A. Telmer, V. V. Nagovitsyn, V. M. Afonina. Metallurg 7 no 2;28-30 F '62

Statistical determination of the basic parameters on which depends the amount of stress in pipe and wire drawing from certain metals and alloys M Z Ermanok Sbor nauch trud GINTSVETMET no 33 331-338 '60

DRAWING (METALWORK)—EQUIPMENT AND SUPPLIES

Equipment for the hot drawing of deformation-resistant steel. G. A. Khasin and others. Metallurg 7 no. 2; 33-35 F '62

Lisitsyn, V. D., and A. E. Budzilovskii [Automatic multiple-position draw machines] Mnogopozitsionnye vytiazhnye avtomaty. Leningrad, 1962, 19 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serila: Gorlachain i kholodnaia obrabotka metallor davlentem, no. 1)

DRAWING INSTRUMENTS

The mechanic helps designers. V Zakharov. Nauka i zhizn' 29 no 1 98-99 Ja '62.

DRAWINGS

Eisenstein, S. M. Risunki. Drawings. Moskva, Gos. izd-vo "Iskusstvo," 1961. 224 p. [Parallel texts in Russian, French, and English]

DREDGING

(see also subdivision under Amur River; Zeya River)

Determining the cutting width in dredging operations. D. K. Morozov. Gidrotekhnika no. 1 70-75 '61.

DREDGING MACHINERY

Choosing the capacity of power plants of self-propelled suction dredges. IU. A. Plenkin Trudy TSNIIMF 7 no. 26,99-106 '61.

Recording instrument for multiple-bucket dredger operations. A. Kurbatov. Rech transp. 21 no. 2;54 F '62.

Results of field tests of an experimental dredge model in the Ural River. H. B. Dokukin. Visti Inst. gidrol. i gidr. AN URSR 18,60-62 '61.

DREDGING MACHINERY—ELECTRIC DRIVING

Comparison of the electric drive systems of the scoop network of a dredge. B. Sh. Burgin. Izv. vys. ucheb. zav., elektromekh. 5 no. 2-211-217 '62.

DRESSINGS (SURGERY) see Bandages and bandaging

DRESSMAKING—PATTERN DESIGN

For a plump figure A. Skovronskii. Mest prom i khud promys. 3 no. 3 36-36 Mr '62

DRILL (AGRICULTURAL IMPLEMENT)

Study of the performance of the seeding apparatus of corn drills. R. G Shamsutdinov. Trudy VIM 28 56-83 '60.

DRILLING AND BORING—PRODUCTION STANDARDS

Kharkov. Vsesoiuznyi nauchno-issledovatel'skii institut organizatsii proizvodstva i truda chernoi metallurgii. [Consolidated norms and time norms for boring work, piece and small lot production] Ukrupnennye normy i normativy vremeni na rastochnye raboty, individual'noe i melkoseriinoe proizvodstvo. Moskva, Metallurgizdat, 1962. 407 p

DRILLING FLUIDS

Practice of using aerated muds to eliminate circulation losses in drilling. Razved. i okh nedr 27 no 10 33-36 O '61

DROIT FÉODAL see Feudal law

DROPS

Thermal and diffusion relaxation in an evaporating drop [with summary in English]. M V. Bulkov, S S Dukhin Inzh.-fiz. zhur. 5 no 3;80-87 Mr '62.

DRUG-EXANTHEMS

Case of dermatitis bullosa caused by isoamyl alcohol intoxication. T A Bushev. Vrach delo no. 8 132-133 Ag '61.

DRUG INDUSTRY see subdivision under Lvov

DRUGS

Effect of medicinal preparations on blood serum toxicity caused by ionizing radiations [with summary in English] V. V Alpatov, A. V Shubina. Biul. eksp. biol. i med 53 no 1 28-31 Ja '62.

"Medicinal preparations A handbook (short annotations)." Reviewed by V. E. Levi Sov. med. 25 no. 2-156-157 F '62.

Miracle compounds M Turkevych Nauka i zhyttia 11 no 2 38-39 F '62

New medicinal preparations Anginol No. 1 and No. 2. Vop. okh. mat. i det. 7 no. 1-2 of cover Ja '62.

DRUGS—PHYSIOLOGICAL EFFECT

Reactions of the blood vessels of the pulmonary circulation to chemical stimuli. IA. A. Lazaris, I. A. Serebrovskaia. Pat. fiziol. i eksp. terap 6 no. 1;3-9 Ja-F '62

DRUNKARDS see Alcoholics

DRUSKININKAY—DESCRIPTION

[Druskininkai] Druskininkai. [Vil'nius, Gos. izd-vo polit. i naucha. lit-ry Litovskoi SSR, 1961] pamphlet.

DRY FARMING see subdivision under Uzbekistan

DRYING

Boundary conditions for a transformed system of differential equations relating to drying (with summary in English). M. S. Smirnov. Inzh.-fiz zhur. 5 no. 3;88-94 Mr '62.

Drying and moistening of small-sized peat [with summary in English]. G. I. Kuzhman, S. N. Novichkov Inzh.-fiz. zhur 5 no. 3;33-38 Mr '62.

DRYING APPARATUS

Dryer with a jet engine V. Sokolov Nauka i zhyttia 11 no 2;35-37 F '62

Drying some pastelike pigments in a fluidized bed. P. G Romankov and others Lakokras mat i ikh. prim no 6.61-64 '61

Luk'ianenko, I. N., V. I. Moskovchenko, and I. M. Sheliud'ko. [Kilns and drying apparatus used in the ceramic industry; examples of designs] Pechi ta susharky keramichnoi promyslovosti; prykiady rozrakhunkiv. Kyiv, Derzh. vyd-vo lit-ry z budivnytstva i arkhit. URSR, 1961. 198 p.

Modernization of belt dryers. A. E. Lempert. Khim. mash no. 2.37-38 Mr-Ap '62.

Performance characteristics of drying systems for stables. A. D. Kudriavtseva. Izv. vys. ucheb. zav., tekh. tekst. prom. no. 1;139-142 '62.

Rapid drying of porcelain N. A. Zakharikov, S. A. Blokh. Stek. i fer. 18 no. 11 25-28 N '61

Ukrains'kyi naukovo-doslidnyi i proektnyi instytut Derzhplanu URSR. [Device for drying corn on the cob with a gas and air stream] Ustanovka dlia sushinnia kukurudzy v kachanakh hazopovitrianym strumenem. Kyiv, Derzh. vyd-vo tekhn. lit-ry URSR, 1961. 36 p.

DRYING OILS

A potential saving of drying oil. G. Bulychev, V. Bel'tsov, G. Tkhiladze. Strol. i arkhit. Mosk. 10 no 12;23-24 D '61

DUBNOV, IAKOV SEMENOVICH, 1887-1957

IAkov Semenovich Dubnov; obituary. V. V. Vagner, A. M. Lopshits. Trudy Sem. po vekt. i tenz. anal. no. 11; 3-17 '61

DUCKS
(see also subdivision under Latvia, Zeravshan Valley)
Some peculiarities of the embryogenesis of the interspecific hybrids of Peking and musk ducks. IU.A. Magakian, S.R. Makarian. Izv. AN Arm. SSR. Biol. nauki 14 no. 12 69-83 D '61.

DUCTUS ARTERIOSUS
Effect of a model of patent ductus arteriosus on the circulation in a dog [with summary in English]. F.I. Zargarli, G.IA. Gebel', A.A. Kiselev. Grud. khir. 1 no. 4 26-31 Jl-Ag '59.
Experimental patent ductus arteriosus [with summary in English]. A.A. Koshisheva. Grud. khir. 1 no. 4 18-25 Jl-Ag '59.
Greater blood circulation and some mechanisms of compensation in patent ductus arteriosus [with summary in English]. M.A. Abrikosova, V.L. Karpman. Pat. fiziol. i eksp. terap. 6 no. 1 22-28 Ja-F '62.
Minute cardiac volume and the quantities of shunted and circulating blood in dogs with a permanent patent ductus arteriosus [with summary in English]. F.I. Zargarli. Grud. khir. 2 no. 1, 48-52 Ja-F '60.

DUCTUS ARTERIOSUS—ABNORMITIES AND DEFORMITIES
Kutushev, F.Kh. [Diagnosis and treatment of patent ductus arteriosus] Diagnostika i lechenie otkrytogo arterial'nogo protoka. Pod red. P.A. Kuprianova. [Leningrad] Medgiz, 1962. 202 p. (DNLM)

DUERER, ALBRECHT, 1471-1528
Petrov-Dubrovskii, A.A. [Albrecht Duerer in quest of truth, a biographic sketch] Iskatel' pravdy Al'brekht Diurer, biograficheskaia povest'. Moskva, Gos. izd-vo detskoi lit-ry M-va prosv., RSFSR, 1961. 76 p. illus.

DUMP TRUCKS
Self-dumping tractor-drawn truck sled. E. Kochetov. Sel'. mekh. no. 1, 26-27 '62.

DUMP TRUCKS—CATALOGS
Belorusskii avtomobil'nyi zavod. [Catalog of spare parts for the MAZ-525 dump truck] Katalog zapasnykh chastei avtomobilia-samosvala MAZ-525. Moskva, Mashgiz, 1962. 302 p.

DUMP TRUCKS—SAFETY MEASURES
Vavilov, M.A. [Booklet for a dump-truck driver] Pamiatka shoferu avtomobilia-samosvala. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transporta i shossednykh dorog RSFSR, 1961. 50 p. (Tekhnika bezopasnosti na avtotransporte)

DUNGANS see subdivision under Semirech'ye

DUODENUM—CANCER
Aleukemic reticulosis simulating cancer of the duodenum. E.A. Brusilovskii. Zdrav. Kazakh. 22 no. 1 71-73 '62.
Surgical treatment of cancer of Vater's ampulla [with summary in English]. Frank Glenn, Bjorn Thorbjarnarson. Vest. khir. no. 3, 41-56 '62.

DUODENUM—DISEASES
Cholangiomanometry in duodenal stasis [with summary in English]. A.D. Slobozhankin. Vest. khir. no. 8, 30-35 '61.
Lamblial duodenitis. K.A. Treskunov. Terap. arkh. 31 no. 2 106-108 '62.

DUODENUM—HERNIA
Retroperitoneal rupture of the duodenum. B.I. Belousov. Vest. khir. no. 9, 125-126 '61.

DUODENUM—SURGERY
Analysis of the immediate and late results of treatment of perforating ulcers of the stomach and duodenum by the method of suturing and primary resection [with summary in English]. A.K. Tuaev. Khirurgiia no. 3, 52-55 '62.
Choledochoduodenostomy as internal drainage of the common bile duct and blind suturing of it in inflammatory diseases of the bile ducts [with summary in English]. T.A. Grasmik. Vest. khir. no. 9, 70-76 '61.
Immediate and late results of different surgical interventions for perforating ulcers of the stomach and duodenum. IU.M. Orlenko, M.P. Brusnitsyna, S.N. Biriukova. Khirurgiia no. 3, 47-51 '62.
Reconstructive gastrojejunoduodenoplasty in pathological syndromes after resection of the stomach. IU.T. Komorovskii. Vest. khir. no. 3, 32-43 '62.
Repeated operations for peptic ulcer of the stomach and duodenum [with summary in English]. V.S. Shapkin. Vest. khir. no. 9, 21-29 '61.
Results of the surgical treatment of peptic ulcer of the stomach and duodenum [with summary in English]. M.L. Genkin. Vest. khir. no. 9, 29-32 '61.

DUODENUM—TRANSPLANTATION
New methods of including the duodenum in digestion after resection of the stomach [with summary in English]. A.S. Gadzhiev, N.S. Zhigalko. Khirurgiia no. 3, 65-69 '62.

DUODENUM—TUMORS
Late results of a work capacity after pancreatoduodenal resection for tumors of the periampullar region. L.A. Kasatkin. Khirurgiia no. 3, 10-13 '62.
Polyp of the descending segment of the duodenum. R.A. Chaidze, V.F. Andreeva. Khirurgiia no. 3, 113-115 '62.

DUODENUM—ULCERS
Combination of perforating appendicitis with perforating ulcer of the duodenum. V.A. Ivanov. Vest. khir. no. 9, 127-129 '61.
Diagnosis of "postbulbar" ulcers of the duodenum. A.V. Efremov, E.K. Abuladze. Khirurgiia no. 3, 58-64 '62.
Late results following resection of the stomach for exclusion in ulcers of the duodenum. I.K. Ivinskaia. Khirurgiia no. 3, 55-58 '62.
Spontaneous duodeno colonic fistula in peptic ulcer of the duodenum. V.I. Kulakov, V.A. Pletneva, F.G. Zakharov. Vest. khir. no. 9, 130-131 '61.

DURA MATER—TUMORS
Chronic subdural hematomas. Z.S. Sosonkin, V.M. Mikhlin. Vop. neirokhir. no. 2, 49-53 '62.

DURNEV, ANDREI IVANOVICH
Professor A.I. Durnev, Honorary Doctor of Engineering Sciences in the German Democratic Republic. Izv. vys. ucheb. zav., geod. i aerof. no. 6, 118 '61.

DUST
Spectral determination of small quantities of titanium in dust. M.V. Nifontova. Gig. truda i prof. zab. 4 no. 1 51-53 Ja '60.

DUST—PREVENTION
Dust-collecting capacity of some coatings and the possibility of modeling in determining it. A.D. Zimon. Lakokras. mat. i ikh prim. no. 6, 57-58 '61.

DUST COLLECTORS
For cleanliness of the air. V.N. Belousov, A.L. Limanskaia. Ogneupory 27 no. 2, 93 '62.

DUST STORMS see subdivision under Ityab Valley

DVINA RIVER, NORTHERN see Northern Dvina River

DYES AND DYEING
All-Union interuniversity scientific and technical conference on the synthesis and application of dyes. P.V. Moryganov. Izv. vys. ucheb. zav., tekh. tekst. prom. no. 1, 171-173 '62.
Condensation of ethoxymethylenemalonic ester with quaternary salts of heterocyclic bases containing an active methyl group, new method of synthesizing carbocyanine dyes unsaturated in their polymethine chain. N.N. Sveshnikov, N.S. Stolovskaia. Zhur. VKHO 7 no. 1 111-112 '62.
Dyes for polymers. E.P. Fokin. Nauka i zhizn' 29 no. 1, 32 Ja '62.
4-Carbamoylanilide of acetoacetic acid in connection with the synthesis of migration-stable monoazo pigments. N.G. Laptev, A.N. Vysokov, I.A. Merezhkova. Zhur. VKHO 7 no. 1, 110-111 '62.
Miracle dye. N. Babich. Meat. prom. i khud. promys. 3 no. 3, 23 Mr '62.
Panels instead of bricks. A. Shteingauz. Meat. prom. i khud. promys. 3 no. 3, 22 Mr '62.
Preparing red madder dyes. V.N. Glotov. Lakokras. mat. i ikh. prim. no. 6, 35-39 '61.
Pressure dyeing of lavsan. V.I. Kaplan, V.V. Brazauskas, M.A. Cineliene. Tekst. prom. 22 no. 3, 69-71 Mr '62.
Production and some properties of plain-dyed nonwoven materials. B.I. Belov, E.A. Nemaia. Izv. vys. ucheb. zav., tekh. tekst. prom. no. 1, 115 '62.
Studying the dispersion of vatsol dyes with surface-active agents. V.V. Paškevičius. Tekst. prom. 22 no. 2, 55 F '62.
Ways of increasing the light-fastness of fabrics dyed with indigosol and vatsol dyes. S.S. Rakhlina, Z.A. Strunina, L.P. Kozlova. Tekst. prom. 22 no. 2, 56-59 F '62.

DYES AND DYEING—CELLULOSE
Continuous methods of dyeing cellulose fiber fabrics with dichlorotriazine active dyes. G.E. Krichevskii, F.I. Sadov. Tekst. prom. 22 no. 2, 48-52 F '62.
Studying the effect of hydrophilic organic solvents on the kinetics of the dyeing of cellulose hydrate fibers with direct dyes. B.N. Mel'nikov, I.B. Kotova. Izv. vys. ucheb. zav., tekh. tekst. prom. no. 1, 108-114 '62.

DYES AND DYEING—CHEMISTRY
Nikolenko, L.N. [Practical laboratory work in intermediate products and dyes] Laboratornyi praktikum po promezhutochnym produktam i krasiteliam. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 383 p.

DYES AND DYEING—LEATHER
New protein acrylate film-forming agents for dye coating of leather. IA.P. Berkman, L.M. Shuter, S.I. Trakhtenberg. Kozh.-obuv. prom. 4 no. 1, 20-23 Ja '62.

DYES AND DYEING—NYLON
Dyeing of lavsan in raw stock and in knit cloth. M.T. IAkunkin, M.V. Almazova. Tekst. prom. 22 no. 3, 71-72 Mr '62.
Dyeing the synthetic fibers, interaction of nylon with acid metallized dyes. A.A. Charbinov, E.N. Stotskaia-vich. Izv. vys. ucheb. zav., tekh. tekst. prom. no. 1, 103-105 '62.

DYES AND DYEING—RAYON
Staple rayon fiber dyeing with vat dyes in centrifugal apparatus. N.N. Marsel', M.K. Zverkova. Tekst. prom. 22 no. 2, 53-54 F '62.

DYES AND DYEING—WOOL
Application of ultrasonic waves in fabric dyeing. F.I. Chuzh, S.P. Domoroslov. Tekst. prom. 22 no. 2, 54 F '62.
Unevenness of shade in fabrics. N.I. Podgornaia. Tekst. prom. 22 no. 2, 55 F '62.

DYNAMIC PROGRAMMING see Programming (Mathematics)

DYNAMICS
One-dimensional invariant cochains of dynamic systems. V.A. Baidosov. Sib. mat. zhur. 2 no. 5, 641-649 S-O '61.

DYNAMICS OF A PARTICLE
Analytic continuation of the three-particle unitarity condition, simplest diagrams [with summary in English]. V.N. Gribov, I.T. Diatlov. Zhur. eksp. i teor. fiz. 42 no. 1, 196-210 Ja '62.
Gravitational radiation by a relativistic particle [with summary in English]. V.I. Puntovoit, M.F. Gerlaenshtein. Zhur. eksp. i teor. fiz. 42 no. 1, 163-170 Ja '62.
To In-Sop. [Do In Seb]. [Remarks on the range-energy ratio] Zamechaniia o. sootnoshenii probeg-energiia. Dubna, Ob'edinennyi in-t iadernykh issl., 1962. 11 p. [With summary in English]

DYNAMOMETER
Reverse dynamometer for determining the force of weakened muscles. S.A. Vinokurskii, Kh.B. Ginzburg, P.I. Korlakin. Med. prom. 15 no. 6, 57-59 Je '61.
Wire dynamometer for reinforcement wire. IU.I. Vlasov, A.IA. Balakin, N.P. Karaulova. Bet. i zhelezobet. 8 no. 3, 126-127 Mr '62.

DYNAMOS see Electric generators

DYSENTERY
(see also subdivision under Leninogorsk, East Kazakhstan Province; Uzbekistan)
Change in the protein composition of the blood serum in acute dysentery. A.I. Ivanov. Klin. med. no. 4, 110-114 '62.
Circulation and excretion of an antigen (endotoxin) from dysentery microbes in various clinical forms of dysentery in children. Z.M. Andreeva, P.I. Bogomolova. Pediatriia no. 2, 61-65 '62.
Differential diagnosis of dysentery and cancer of the rectum [with summary in English]. Sh.S. Khalfin. Sov. med. 25 no. 2, 94-98 F '62.
Experimental polymyxin M therapy of bacillary dysentery in monkeys [with summary in English]. I.S. Civaxava and others. Antibiotiki 7 no. 4, 327-331 Ap '62.
Functional state of the nervous system in dysentery patients; based on the study of adequate optical chronaxy. A.P. Kazantsev. Trudy Len. ob-va est. 72 no. 1, 132-133 '61.
Latent infections in radiation sickness produced by fractional irradiation in monkeys [with summary in English]. E.K. Dzhikidze, A.S. Aksenova. Med. rad. no. 3, 53-58 '62.
Pathological anatomy of experimental dysentery. L.S. Levenbuk, Z.M. Andreeva. Vest. AMN SSSR 17 no. 3, 70-76 '62.
Production of an adaptive dysenteric bacteriophage and its effectiveness in treating acute dysentery. F.S. Zobnina, S.B. Perel'shtein, F.I. Roppe. Kaz. med. zhur. no. 5, 76-77 S-O '61.
Rare case of acute dysentery with lesion of the esophagus and small intestine. IU.IA. Vengerov, S.I. Lipkin. Klin. med. no. 3, 139-141 '62.
Side-effects of antibiotic action during treatment of dysentery in children. A.G. Avanesova, T.V. Kulakova, N.M. Kozlova. Pediatriia no. 2, 69-73 '62.
Spread of dysentery and the bacterial carrier state in children's collectives. L.I. Kalitseva. Zhur. mikrobiol., epid. i immun. 33 no. 2, 125 F '62.
Treatment of acute dysentery according to recent clinical data. A.F. Bilibin, I.N. Shchetinina. Vest. AMN SSSR 17 no. 2, 62-70 '62.
Treatment of dysentery and coli enteritis with a new antibiotic polymyxin M. N.V. Gladkova, A.D. Semenova, I.N. Krasnova. Pediatriia no. 2, 65-69 '62.
Treatment of dysentery in adults with furacillin. A.F. Podlevskii. Kaz. med. zhur. no. 1, 24-26 Ja-F '62.
Using the phage titer growth reaction in diagnosing dysentery in adults. B.I. Khaimzon. Zhur. mikrobiol., epid. i immun. 33 no. 1, 98-99 Ja '62.
Ways for improving dysenteric vaccines and calculating their effectiveness [with summary in English]. R.V. Epshtein-Litvak and others. Zhur. mikrobiol., epid. i immun. 33 no. 1, 22-26 Ja '62.

DYSENTERY—MICROBIOLOGY
Nature of atypical strains and their significance in the bacteriological diagnosis of dysentery. V.S. Ternovoi. Vrach. delo no. 8, 100-102 Ag '61.

DYSPEPSIA
Etiological significance of certain serological types of Escherichia coli in dyspepsia M. I. Kuz'minova and others. Med. zhur. Uzb. no. 1 20-21 Ap '60

DZERZHINSKII, IVAN IVANOVICH, 1909-
Discussion of the operas "Man's fate" and "Not only love." S. Skrebkov and others. Sov. muz. '6 no. 3 82-87 Mr '62

DZHANGIL'DIN, ALIBI TOGZHANOVICH, 1881-1953
Alma-Ata, Institut istorii partii. [Alibi Dzhangil'din, documents and source materials] Alibi Dzhangil'din, dokumenty i materialy. Pod red. T. E. Eleuova, P. M. Pakhmurnogo. Alma-Ata, Kazakhskoe gos. izd-vo 1961. 234 p.

DZHARY REGION—ICHNEUMON FLIES
New species of ichneumon flies (Hymenoptera, Ichneumonidae) from the Nukha-Zakataly zone of Azerbaijan. A. A. Abdinbekova. Dokl. AN Azerb. SSR 17 no. 9, 825-827 '61

DZHEBRAIL DISTRICT—VOLCANIC ASH, TUFF, ETC
Volcanic ash in Dzhebrail District. A. G. Seidov, A. M. Imanov. Dokl. AN Azerb. SSR 18 no. 1 43-47 '62

DZHERMUK—MINERAL WATERS
Effect of a single use of Dzhermuk mineral water on the secretory and motor functions of stomach by the method of prolonged lavage [in Armenian with Russian summary]. S. G. Khodzhumian. Izv. AN Arm. SSR. Biol. nauki 14 no. 11 73-79 N '61

DZHETY-SU see Semirech'ye

DZHIDA VALLEY—STEPPE FLORA
Steppes of the Dzhida River basin of the Buryat A. S. S. R. S. V. Gudoshnikov. Trudy BKNII no. 1 161-180 '60

DZUNGARIAN ALA-TAU—GEOLOGY, STRATIGRAPHIC
New data on the stratigraphy of Permian sediments in the southwestern slopes of the Dzungarian Ala-Tau. K. A. Azbel'. Izv. AN Kazakh. SSR Ser. geol. no. 4 83-88 '61

EAR
Effect of the way of life on the anatomic structure of the inner ear of the swift Apus melba petrensis Bonps. M. M. Akhmedov. Trudy UzGU no. 110: 43-50 '61

Some regularities in the evolution of the external ear of vertebrates [with summary in English]. V. D. Il'ichev. Zool. zhur. 40 no. 12, 1795-1807 D '61

EAR—DISEASES
Diseases of meatus acusticus externus. V. I. Kanevskii. Med. sestra 21 no. 2: 22-28 F '62.

Modern methods for treating acute otitis media. Iu. K. Iaroslavtsev. Pol'd. i akush. 27 no. 2 26-30 F '62.

Occupational diseases of the upper respiratory organs and the ears, and control of these diseases. G. S. Trambitskii, A. E. Tamarina. Med. sestra 21 no. 1: 20-24 Ja '62

EARTH—FIGURE
Magnitskii, V. A. [Theory of the earth's figure] Teoriia figury Zemli. [By] V. V. Brovar, V. A. Magnitskii i B. P. Shimbirev. Moskva, Izd-vo geodez. lit-ry, 1961. 256 p.

EARTH—INTERNAL STRUCTURE
Some data on seismic waves corresponding to the layer beneath the crust. B. S. Vol'vovskii, I. S. Vol'vovskii, V. Z. Riaboi. Prikl. geofiz. no. 31, 3-10 '61

EARTH—ROTATION
Movements of the quartz clocks of the Kharkov State Institute of Measures and Measuring Instruments and irregularity in the earth's rotation in 1951-1957. V. L. Turenko. TSir. Astron. obser. Khar. un. no. 24: 14-24 '61.

EARTH CURRENTS
Calculation of currents and potentials in a system of rail-earth-underground structure. I. V. Sirizhevskii. Stroi. truboprov. 7 no. 2 23-27 F '62.

EARTH MOVEMENTS
Rusanov, B. S. [Hydrothermal movements of the earth's surface] Gidrotermicheskie dvizheniia zemnoi poverkhnosti. Moskva, Akad. nauk SSSR, Akademicheskii filial Sibirskogo otd-niia, 1961. 225 p.

Some fundamental problems in studying recent vertical motions of the earth's crust. M. I. Siniagina. Geod. i kart. no. 2, 11-16 F '62

Study of the present-day movements of earth crust. L. E. Sefunskaia. Priroda 51 no. 3: 27-28 Mr '62.

EARTH SATELLITES see Artificial satellites

EARTH TEMPERATURE
Effect of solar radiation on the temperature of the earth's crust. N. M. Frolov. Dokl. AN SSSR 143 no. 4: 935-938 Ap '62

Geothermal measurements in the bottom sediments of oceans and seas. N. N. Sysoev. Okeanologiia 1 no. 5: 886-887 '61.

EARTHMOVING MACHINERY
Comprehensive mechanization of earthwork. Mekh. stroi. 19 no. 3 1-3 Mr '62.

EARTHQUAKES see subdivision under Alaska

EARTHQUAKES AND BUILDING
Determining the rated value of earthquake forces. A. A. Derkachev. Trudy Inst. seism. stroi. i seism. 8 4-35 '60

Elements of a building made of reinforced-concrete panels in an earthquake area. I. U. M. Skrinski. Biet. i zhel.-bet. 8 no. 9: 105-109 My '62.

Experimental determination of periods and decrements of subsidence of the natural oscillation of buildings. R. S. Shuster. Trudy Inst. seism. stroi. i seism. 8 84-93 '60

Experimental determination of the distribution of earthquake forces along a chimney. T. G. Sagdiev. Trudy Inst. seism. stroi. i seism. 8 37-39 '60

Gol'denblat, I. I., and N. A. Nikolaenko. [Designing structures to withstand the force of earthquakes and shocks] Raschet konstruktsii na deistvie seismicheskikh i impul'sivnykh sil. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 319 p.

Inspection for observance of specifications and regulations in earthquake areas. S. G. Perepelitsin, P. M. Drachuk. Trudy Inst. seism. stroi. i seism. 8 102-109 '60

Interaction of ground and building during earthquakes. V. A. Nechaev. Trudy Inst. seism. stroi. i seism. 8 76-82 '60

Origin of vertical seismic forces during horizontal vibrations of the ground. A. A. Derkachev, D. G. Biharsova. Trudy Inst. seism. stroi. i seism. 8 95-100 '60.

Results of instrument determination of the β dynamic coefficient. S. A. Shaginian. Trudy Inst. seism. stroi. i seism. 8 41-74 '60

EARTHS, RARE see Rare earths

EARTHWORK
Analytical method for the effective distribution of earth during the vertical grading of an area. N. N. Raetskii. Shor. nauch. trudov LISI no. 24: 111-135 '56

Determining the increased indices of grading work for land under irrigation. V. M. Golubkin. Nauch. zap. MIIVKH 10 249-256 '57.

Lukoshunas, Stasys, Evaldas Palsaitis, and Albinas Tamasevichius. [Earthwork in building] Zemes darbai statyboje. Vilnius, Valstybine politines ir mokslines literatures leidykla, 1961. 167 p. [In Lithuanian]

Oreshkin, B. M. [Organization of earthwork in road construction] Organizatsiia proizvodstva zemlianykh rabot pri stroitel'stve avtomobil'nykh dorog. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 242 p.

Taming the explosions. S. Reznik. Nauka i zhizn' 29 no. 1: 62-63 Ja '62

EARTHWORMS see subdivision under Siberia, Western; Tajikistan

EAST (FAR EAST) see Far East

EAST (NEAR EAST) see Near East

EAST (SOVIET FAR EAST) see Soviet Far East

EAST GERMANY see Germany, East

EAST KAZAKHSTAN PROVINCE—AUDITING
Volunteer controllers are our fighting aids. K. Vladimirov, G. Itkind. Vest. stat. no. 4: 74-79 '62.

EAST SIBERIAN SEA—OCEANOGRAPHIC RESEARCH
Oceanographic expedition to the Chukchi and East Siberian Seas in 1960. N. I. Dem'ianov. Probl. Arkt. i Antarkt. no. 8 97-98 '61

EASTERN EUROPE see Europe, Eastern

EASTERN SIBERIA see Siberia, Eastern

ECHINOMYCIN
Comparative evaluation of the antineoplastic activity of antibiotic 6270 and echinomycin [with summary in English]. O. K. Rossolimo, G. N. Lopeshkina. Antibiotiki 7 no. 4: 345-348 Ap '62.

ECLAMPSIA see Convulsions

ECLIPSES, LUNAR—1956
Interpretation of a peculiarity of the partial lunar eclipse of May 24, 1956. G. V. Kuklin. Astron. tsir. no. 223: 7-8 Jl '61.

ECLIPSES, SOLAR—1961
Radio observations of the partial solar eclipse of February 15, 1961 on the $\lambda \cong 1,5$m. wave. N. P. Barabashov, V. M. Ivanchenko, R. M. Chirkova. TSir. Astron. obser. Khar. un. no. 24, 36-38 '61.

Unusual natural phenomenon. Astron. tsir. no. 223: 20 Jl '61

ECONOMIC ASSISTANCE
Labutin, A. I. [International responsibility of the Soviet people] Internatsional'nyi dolg sovetskogo naroda. Leningrad, Ob-vo po rasprostraneniiu polit. i nauch. znanii RSFSR, 1961. 60 p.

Lebedev, P., comp. [Grow, thou bitch, in far-off lands] Rasti bezzhe v dalekikh stranakh. Moskva, Gos. izd-vo polit. lit-ry, 1961. 70 p.

ECONOMIC ASSISTANCE, RUSSIAN see subdivision under Cuba, Korea, North; Somalia

ECONOMIC COUNCILS, ADMINISTRATIVE see Administrative economic councils

ECONOMIC GEOGRAPHY see Geography, Economic

ECONOMIC GEOLOGY see Geology, Economic

ECONOMIC HISTORY
Aggravation of conflicts between monopolies and all social groups in capitalist countries. A. Zakirdzhanova. Kommun. Uz. 34 no. 2, 61-70 I '62.

Economic situation in capitalist countries. T. Belous, N. Rydvanov. Mir ekon. i mezhdunar. otn. no. 4: 116-125 Ap '62.

Leninism and the present-day world. M. Marinin. Mir. ekon. i mezhdunar. otn. no. 4 3-20 Ap '62

Special features of the third phase of the general crisis of capitalism [with summary in English, p. 218]. M. S. Dragilev. Vop. ist. no. 1: 18-33 Ap '62

The third phase of the general crisis of capitalism [with summary in English, p. 174]. G. Cogniot. Nov. i noveish. ist. no. 6: 17-29 '61.

ECONOMIC RESEARCH
Program of the CPSU and the tasks of the departments in the development of economic research. K. N. Plotnikov. Vest. vys. shkoly 20 no. 2: 41-49 F '62

Program of the CPSU and the tasks of the departments of social sciences in developing economic research. K. Plotnikov. Vop. ekon. no. 3: 98-107 Mr '62.

TSypkin, IA. Z., and D. N. Mikhalevskii, ed. [Control processes in the models of economic systems. Translated articles] Protsessy regulirovaniia v modeliakh ekonomicheskikh sistem; sbornik statei. Moskva, Izd-vo inostr. lit-ry, 1961. 292 p.

ECONOMIC ZONING
(see also subdivision under Ukraine)
Akademiia nauk SSSR. Institut geografii. [Theoretical problems of economic zoning] Teoreticheskie voprosy ekonomicheskogo raionirovaniia. Moskva, Izd-vo Akad. nauk, 1962. 158 p.

Alamplev, P. M. [Problems of the general economic regionalization of the U. S. S. R. at the present-day stage; materials for the 3d Congress of the Geographical Society of the U. S. S. R.] Problemy general'nogo ekonomicheskogo raionirovaniia SSSR na sovremennom etape, materialy k III s"ezdu Geograficheskogo obshchestva Soiuza SSR. Leningrad, Geogr. ob-vo SSSR, 1959. 22 p. (Doklady po probleme: Ekonomicheskoe raionirovanie strany)

Komar, I. V., M. I. Ponus, and S. N. Riazantsev. [Planning in a province; materials for the 3d Congress of the Geographical Society of the U. S. S. R.] O vnutrioblastnom raionirovanii; materialy k III s"ezdu Geograficheskogo obshchestva Soiuza SSR. Leningrad, Geogr. ob-vo SSSR, 1959. 13 p. (Doklady po probleme: Ekonomicheskoe raionirovanie strany)

Konstantinov, O. A. [Present state of economic and geographical studies on economic regionalization in the U. S. S. R.; materials for the 3d Congress of the Geographical Society of the U. S. S. R.] Sovremennoe sostoianie ekonomiko-geograficheskikh issledovanii po ekonomicheskomu raionirovaniiu v SSSR; materialy k III s"ezdu Geograficheskogo obshchestva Soiuza SSR. Leningrad, Geogr. ob-vo SSSR, 1959. 31 p. (Doklady po probleme: Ekonomicheskoe raionirovanie strany)

Large economic regions of the U. S. S. R. according to the new regionalization and problems in developing them. P. M. Alamplev. Izv. AN SSSR Ser. geog. no. 2, 42-57 Mr-Ap '62.

Planning regions in the system of economic regionalization. F. M. Listengurt. Izv. AN SSSR, Ser. geog. no. 2: 57-66 Mr-Ap '62.

Pokshishevskii, V. V. [Role of the geography of population in the economic regionalization of the U. S. S. R.; materials for the 3d Congress of the Geographical Society of the U. S. S. R.] Rol' geografii naseleniia v voprosakh ekonomicheskogo raionirovaniia SSSR; materialy k III s"ezdu Geograficheskogo obshchestva Soiuza SSR. Leningrad, Geogr. ob-vo SSSR, 1959. 14 p. (Doklady po probleme: Ekonomicheskoe raionirovanie strany)

Saushkin, IU. G., and T. M. Kalashnikova. [Present-day problems in the economic regionalization of the U. S. S. R.; materials for the 3d Congress of the Geographical Society of the U. S. S. R.] Sovremennye problemy ekonomicheskogo raionirovaniia SSSR, materialy k III s"ezdu Geograficheskogo obshchestva Soiuza SSR. Leningrad, Geogr. ob-vo SSSR, 1959. 15 p. (Doklady po probleme: Ekonomicheskoe raionirovanie strany)

Significance of the geography of population for economic regionalization. V. V. Pokshishevskii. Izv. AN SSSR, Ser. geog. no. 2: 116-125 Mr-Ap '62.

ECONOMICS
(see also subdivision under France)
Economic and technical foundation of communism and the general features of its establishment [with summary in English]. V. A. Vorotilov. Vest. LGU no. 5: 5-14 '62.

ECONOMICS (Continued)

Economic function of the imperialist state in the light of the decisions of the 22d Congress of the CPSU [with summary in English] S. L. Sverdlin. Vest. LGU no 5 23-33 '62

"Economic laws of socialism and their application" edited by I. A. Ermakov. Reviewed by N. Kolesov, N. Lebedinskii, V. Peshekhonov. Nauch. dokl. vys. shkoly, ekon. nauki 5 no. 1 98-104 '62.

Leningrad. Universitet. Ekonomicheskii fakul'tet. [Political economy] Politicheskaia ekonomiia. Leningrad. Izd-vo Leningr. univ., 1960. 146 p. (DBC)

[Let's disseminate the knowledge of economics among working people] Ekonomikas zinasanas - darbalaudim. Riga, Latvijas Valsts Izdevniecība, 1961. 47 p. [In Latvian]

[Problems of economic theory in V. I. Lenin's work] Voprosy ekonomicheskoi teorii v trudakh V. I. Lenina. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1962. 372 p.

Program for a course in economics and its positive and negative points. I. Golubnichii. Nauch. dokl. vys. shkoly, ekon. nauki 5 no. 1: 94-97 '62.

Solodkov, M. V. [Socialist capital reproduction under the conditions of the building of communism] Sotsialisticheskoe rasshirennoe vosproizvodstvo v usloviiakh stroitel'stva kommunizma. Moskva, 1961. 28 p. (Narodnyi universitet kul'tury. Obshchestvenno-politicheskii fakul'tet, no. 18)

ECONOMICS—BIBLIOGRAPHY see Bibliography—Economics

ECONOMICS—DICTIONARIES

Zorin, I. N., comp. [Russian-Chinese dictionary of general economics and foreign trade] Russko-kitaiskii obshcheekonomicheskii i vneshnetorgovyi slovar'. Pod red. L. Lunshailo. Moskva, Vneshtorgizdat, 1961. 706 p.

ECONOMICS—STUDY AND TEACHING
(see also subdivision under Leningrad)

[Course of lectures on economics] Kurs lektsii po politicheskoi ekonomii. Moskva, Gos. izd-vo "Vysshaia shkola."
Book 1. 1962. 626 p.

In the economics departments of the institutions of higher learning after the 22d Congress of the CPSU. Nauch. dokl. vys. shkoly; ekon. nauki 5 no. 1 90-93 '62.

In the economics section of the all-Union conference of department heads of social sciences. E. Borisov. Vop. ekon. no. 3 112-117 Mr '62.

Program for a course in economics. A. Smirnov. Vop. ekon. no. 3, 108-111 Mr '62.

Soviet Union enters the period of the large-scale building of communism, transition from the socialist to a communist economy. E. F. Borisov, V. N. Semenkov. Sred. spets. obr. 9 no. 2 48-51 F '62

ECONOMICS, MATHEMATICAL

Applying mathematical methods in measuring the influence of labor indices on the reduction of industrial costs. V. Khaikin. Biul. nauch. inform. trud i zar. plata 5 no. 3 12-19 '62.

Influence of the time factor on the rate of production. G. Khipova. Vop. ekon. no. 3 90-97 Mr '62.

TSypkin, IA. Z., and B. N. Mikhalevskii, ed. [Control processes in the models of economic systems. Translated articles] Protsessy regulirovaniia v modeliakh ekonomicheskikh sistem, sbornik statei. Moskva, Izd-vo inostr. lit-ry, 1961. 292 p.

Using the balance method in the planning of the national economy [with summary in English]. A. A. Gatanova. Vest. LGU no 5: 50-59 '62.

ECUADOR—ECONOMIC CONDITIONS

Fire-spitting continent. V. Tkachenko. Sov. voin. 44 no. 5: 44-45 Mr '62.

ECZEMA

"Eczema" by L. I. Fandeev. Reviewed by A. V. Braitsev. Med. sestra 21 no. 2 61-62 F '62

Hemotherapy in treating eczema in young children. V. L. Cherniakova. Kaz. med. zhur. no. 5: 74 S-O '61

Treatment of the moist stages of eczema and protracted ulcers. I. K. Vozniuk. Fel'd i akush. 27 no. 2 42-43 F '62

Vitamin A treatment of eczema in young children. F. A. Zver'kova. Kaz. med. zhur. no. 5, 73-74 S-O '61.

EDIBLE MUSHROOMS see Mushrooms, Edible

EDUCATION
(see also subdivision under Abkhazia; Afghanistan; Kazakhstan; Krasnodar Territory; Moldavia; Orekhovo-Zuyevo, Tajikistan, Ukraine)

A. S. Makarenko in foreign pedagogics. V. Z. Smal'. Rad. shk. 40 no. 3 14-17 Mr '62.

Akademiia pedagogicheskikh nauk RSFSR, Moscow. [Soviet schools at the present stage; some results of school reorganization in the period from the 20th to the 22nd Congress of the CPSU] Sovetskaia shkola na sovremennom etape; nekotorye itogi perestroiki shkoly v period ot XX do XXII s"ezda KPSS. Pod red. I. A. Katrova. Moskva, 1961. 286 p.

Important prerequisites for the successful teaching of the history of pedagogics in pedagogical institutions of higher learning. M. S. Grytsenko. Rad. shk. 40 no. 3 68-69 Mr '62

Korolev, F. F., T. D. Korneichik, and Z. I. Ravkin. [Essays on the history of Soviet schools and pedagogics, 1921-1931] Ocherki po istorii sovetskoi shkoly i pedagogiki, 1921-1931. Pod red. F. F. Koroleva i V. Z. Smirnova. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1961. 507 p.

Shabaeva, M. F., ed. [History of pedagogics; textbook for preschool normal schools] Istoriia pedagogiki, uchebnoe posobie dlia doshkol'nykh pedagogicheskikh uchilishch. Izd. 3, ispr. i dop. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 379 p.

EDUCATION—BIBLIOGRAPHY see Bibliography—Education

EDUCATION, COOPERATIVE
(see also subdivision under Komi A.S.S.R., Moldavia; Moldovia, Tallinn)

New features enter life. D. K. Naumov. Sred. spets. obr. 9 no. 2 26-28 F '62

Plant as a basis for the production training of students. Kh. Krivenko. Komm. Mold. 7 no. 2, 78-80 F '62

Schools need continual assistance. P. Sheiko. Komm. Mold. 7 no. 2 75-78 F '62.

EDUCATION, ELEMENTARY

Perception by students of the three-dimensional and flat images of objects. Report No. 3. Perception of shape. N. V. Modestova. Dokl. APN 5 no. 4: 41-44 '61.

EDUCATION, ELEMENTARY—CONGRESSES

Resolution on small schools at the International Conference on Public Education. Nach. shkola 30 no. 4 92-93 Ap '62

EDUCATION, HIGHER
(see also subdivision under Uzbekistan)

[Bulletin of the Ministry of Higher and Secondary Specialized Education of the U. S. S. R.] Biul. Min. vys. i sred. spets. obr. SSSR no. 3 Mr '62.

Let's carry out the decisions of the 22d Congress of the Party, from the regional conferences of the institutions of higher learning in the Russian Federation. Z. Zh. Lebovich. Vest. vys. shkoly 20 no. 2 57-66 F '62

Prospects of higher technical education. K. M. Baršauskas, A. T. Blazhkin. Vest. vys. shkoly 20 no. 2 84-87 F '62

EDUCATION, MILITARY see Military education

EDUCATION, MORAL see Moral education

EDUCATION, PHYSICAL see Physical education and training

EDUCATION, PRESCHOOL
(see also subdivision under Fatezh District, Gatchina District; Krasnokamsk; Kursk Province; Moscow; Perm Province, Sverdlovsk Province; Vologda Province)

Assistant teacher. IU. S. Liakhovskaia and others. Doshk. vosp. 35 no. 4, 98-105 Ap '62.

Building preschool institutions on Sakhalin. G. Verstin. Doshk. vosp. 35 no. 4 39-42 Ap '62.

Comparative analysis of touch and sense. Report No. 8. Some methods of sensory training. Van-Chzhi-tsin, V. P. Zinchenko, A. G. Ruzskaia. Dokl. APN 5 no. 4: 73-76 '61.

Contribution of Gorkiy students to rural preschool education. I. B. Slita and others. Doshk. vosp. 35 no. 3, 44-51 Mr '62

Delegates of the 22d Congress of the CPSU on rural preschool education. I. Kliucharева. Doshk. vosp. 35 no. 3 35-38 Mr '62

First organizer of preschool education. L. I. Krasnogorskaia. Doshk. vosp. 35 no. 4: 9-14 Ap '62.

For public preschool education in villages. Doshk. vosp. 35 no. 3: 3-5 Mr '62

For the little residents of collective farms and state farms. Doshk. vosp. 35 no. 3 51-52 Mr '62

From the conference on the activist group. M. V. Zaluzhskaia and others. Doshk. vosp. 35 no. 3 13-28 Mr '62

Let's bring class advisers and teachers closer together. G. A. Tkacheva. Doshk. vosp. 35 no. 4: 79-80 Ap '62.

Let's carry out the decisions of the Plenum of the Central Committee of the CPSU. Doshk. vosp. 35 no. 4 15 Ap '62.

Let's live and work in Lenin's way. Doshk. vosp. 35 no. 4: 3-6 Ap '62.

Let's talk about the main thing. A. V. Sviridov and others. Doshk. vosp. 35 no. 4: 16-29 Ap '62.

Let's teach them to love work. N. M. Morozova. Doshk. vosp. 35 no. 3 53-57 Mr '62.

Shchelovanov, N. M. and N. M. Aksarina, eds. [Training small children in children's institutions] Vykhovannia ditei rann'oho viku v dytiachykh zakladakh. 4 vyd. Kyiv, Derzh. med. vyd-vo URSR, 1961. 311 p.

Using building materials in working with the two-year-old children. E. L. Frukht. Doshk. vosp. 35 no. 4: 74-79 Ap '62.

We exchange experiences. M. V. Zhutko. Doshk. vosp. 35 no. 4: 37 Ap '62

EDUCATION, TECHNICAL see Technical education

EDUCATION OF CHILDREN see subdivision under Tajikistan

EDUCATIONAL LAW AND LEGISLATION

How we should punish those who violate the law on general compulsory education. I. Beloded. Sov. deput. trud no. 3: 99-100 Mr '62.

EDUCATIONAL PSYCHOLOGY

Stimulating students' attention (in teaching mathematics) Report No. 2. Variation in signal value of the individual components of knowledge. G. V. Kalmakchi. Dokl. APN 5 no. 4: 31-34 '61.

Types of orientation and activation of the educational process. P. IA. Galperin. Rad. shk. 40 no. 3 23-28 Mr '62

EDUCATIONAL PSYCHOLOGY—PERIODICALS

Rules for authors. Dokl. APN 5 no. 6 128 '61

EDUCATIONAL RESEARCH

Influence of the character of instruction on students' ability to organize their work. T. N. Borkova. Dokl. APN 5 no. 4: 19-22 '61.

Test of the experimental study of a psychological law under the conditions of teaching. Report No. 2. Various applications of the law of differentiation of complex objects for the elimination of sign mistakes in arithmetic examples. B. B. Kossov. Dokl. APN 5 no. 4: 85-88 '61.

Test of the experimental study of a psychological law under the conditions of teaching. Report No. 3. Using the law of differentiation of complex objects in teaching arithmetic operations within the limit of the first ten numbers. B. B. Kossov. Dokl. APN 5 no. 4: 89-93 '61.

Training seminar on educational research. V. O. Onyshchuk. Rad. shk. 40 no. 3 95-96 Mr '62.

EELS

Cases of finding eels in other fishes [with summary in English]. P. G. Oshmarin and others. Zool. zhur. 40 no. 12 1896-1898 D '61

EELS—DISEASES AND PESTS

Aeromonas punctata infections of eels in fresh waters. E. A. Borovik, S. V. Kokhnenko. Dokl. AN BSSR 5 no. 10 478-480 O '61.

EFERTS-KLUSAIS, ERNESTS, 1880-1927

Kirsentale, I., comp. [Places of residence and work of Ernests Eferts-Klusais in Latvia] Ernesta Eferta-Kluša dzives un darba vietas Latvija. Riga, Latvijas Valsts Izdevniecība, 1961. 72 p. (chiefly illus.) [In Latvian]

EFFEL, JEAN, 1908-

Jean Effel. M. Prokof'eva. Iskusstvo 25 no. 2: 48-52 '62.

EFFICIENCY, INDUSTRIAL
(see also subdivision under Azerbaijan; Kharkov; Semipalatinsk, Ust'-Kamenogorsk)

Collective work and mutual assistance. Part. zhizn' no. 7: 61-67 Ap '62.

For a maximum utilization of production capacities; valuable initiative of K. A. Shcherbakov, assistant foreman. D. A. Shvartsman. Tekst. prom. 22 no. 3: 32-35 Mr '62.

For the effective guidance of socialist competition. G. Lamochkin. Mol. komm. no. 3 80 Mr '62

From a factory of communist labor to a factory of communist society. B. Baevskii. Koks i khim. no. 2: 46-50 '62.

Good news. Sov. profsoiuzy 18 no. 1 14-15, 17 F '62

Kashin, K. V. [Visual methods of propaganda at the "Skorokhod" Plant] Nagliadnaia agitatsiia na "Skorokhode." [Leningrad] Lenizdat, 1960. 62 p. (Bibliotechka sekretaria partiinoi organizatsii) (NNC)

Key to potentialities. V. Fitisov. Sov. profsoiuzy 18 no. 4: 13-15 F '62

Labor productivity and hidden potentialities. Metal. prom. i khud. promys. 3 no. 3: 2-3 Mr '62.

The levelling of wages is inadmissible. V. Bulatov. Mol. komm. no. 3: 70 Mr '62.

We are proud of our work. V. Ermilov. Mol. komm. no. 4: 42-46 Ap '62.

Work as a basis for national prosperity. A. Smetlakov. Sov. profsoiuzy 18 no. 3 26-29 F '62

EFFORT SYNDROME see Neurocirculatory asthenia

EGGS

Nitrogen metabolism in acute radiation sickness in dogs fed on milk-egg diet [with summary in English]. A. S. Kainova. Med. rad. no. 3: 35-39 '62.

EGGS—MICROBIOLOGY

Food toxicoinfection related to the consumption of hen's eggs. I. A. Mareskin, I. V. Shantarenko. Gig. i san. 26 no. 9: 89-90 S '61.

EGGS—PRODUCTION see subdivision under Saratov Province

EGYPT—ARCHAEOLOGY

Jezewska, Zofia. [Eye to eye with sphinxes. Translated from the Polish] S glazu na glaz so sfinksom. Moskva, Izd-vo vostochnoi lit-ry, 1962. 190 p (Po sledam ischeznuvshikh kul'tur Vostoka)

EGYPT—MANUSCRIPTS (PAPYRI)

"The journey of Un-Amun to Bybios; Egyptian hieratic papyrus no. 120 in the A. S. Pushkin State Museum of Fine Arts in Moscow." Reviewed by I. S. Katsnel'son. Vest. drev. ist. no. 1 141-144 '62.

EGYPT—MIME

Herondas and Ptolemy II Philadelphus. A. P. Smotrich. Vest. drev. ist. no. 1, 132-136 '62.

EGYPT—SOCIAL CONDITIONS

Jezewska, Zofia. [Eye to eye with sphinxes. Translated from the Polish] S glazu na glaz so sfinksom. Moskva, Izd-vo vostochnoi lit-ry, 1962. 190 p (Po sledam ischeznuvshikh kul'tur Vostoka)

EGYPT—TEMPLES

Stuchevskii, I. A. [Role of the temple in the royal economy of ancient Egypt] Khramovaia forma tsarskogo khoziaistva Drevnego Egipta Moskva, Izd-vo vostochnoi lit-ry, 1962. 124 p.

EGYPTOLOGY—BIBLIOGRAPHY see Bibliography—Egyptology

EIGENFUNCTIONS

Application of a law, established by Wiman and Valiron, to a study of the characteristics functions of probability laws. I. V. Ostrovskii. Dokl. AN SSSR 143 no. 3: 532-535 Mr '62.

EIGENVALUES

Eigenvalues and adjoint elements of linear operators. A. T. Taldykin. Zhur. vych. mat. i mat. fiz. 2 no. 1 166-169 Ja-F '62.

Some methods for solving the complete problem of eigenvalues. V. V. Voevodin. Zhur. vych. mat. i mat. fiz. 2 no. 1 15-24 Ja-F '62.

EISENSTEIN, SERGEI MIKHAILOVICH, 1898-1948

Eisenstein, S. M. Risunki. Drawings. Moskva, Gos. izd-vo "Iskusstvo," 1961. 224 p. [Parallel texts in Russian, French, and English]

ELANDS

Qualitative and quantitative indices of spermatogenesis in eland bucks. O. P. Stiklienov. Nauk. prianl. "Ask.-Nov." 9:101-105 '61.

ELASTIC FABRICS

Manufacturing methods of elastic nylon thread. V. A. Usenko, S. Saidmuratov, L. D. Kapustina. Tekst. prom. 22 no. 3:42-44 Mr '62.

ELASTIC PLATES AND SHELLS

Applying the Ritz method to the solution of the problem on the bending of a cantilever sector-shaped plate. V. M. Mitkevich. Sbor. trud. Lab. gidr. mash. no. 9: 61-77 '61.

Approximate calculation of long cylindrical shells. I. G. Popov. Rasch. prostr. konstr. no. 6:189-212 '61.

Approximate calculation of prestressed shallow shells with a double curvature. A. P. Sokhadze. Soob. AN Gruz. SSR 27 no. 3:293-297 S '61.

Bending of a cantilever sector-shaped plate with variable rigidity. A. G. Andreev, A. P. Filippov. Sbor. trud. Lab. gidr. mash. no. 9, 58-63 '61.

Birger, I. A. [Circular plates and shells of revolution] Krugłye plastinki i obolochki vrashchenila. Moskva, Gos. nauchno-tekhn. izd-vo Oborongiz, 1961. 367 p.

Border effect in shells according to the nonlinear theory. M. Mishonov. Inzh. zhur. 2 no. 1 87-97 '62.

Calculating the bending of a sector plate with variable cross section and fastened along the curved border by means of a high-speed calculating machine. B. IA. Kantor, A. P. Filippov. Izv. AN SSSR. Otd. tekh. nauk Mekh. i mashinostr. no. 1, 121-124 Ja-F '62.

Calculation of a hinged thin plate of trapezoid contour on an elastic foundation. B. A. Salukvadze. Soob. AN Gruz. SSR 27 no. 3:307-312 S '61.

Calculation of a spherical shell with a connecting pipe beyond the elastic limit [with summary in English]. V. V. Vosyl'ov. Prykl. mekh. 8 no. 2 144-147 '62.

Calculation of prismatic shells by stresses. A. N. Elpat'evskii, V. V. Vasil'ev. Inzh. zhur. 2 no. 1 117-120 '62.

Carrying capacity of a circular plate reinforced by an annular rib [with summary in English]. O. M. Shabli. Prykl. mekh. 8 no. 2:133-143 '62.

Deformation of a squeezed thin glass plate (film) under a uniformly distributed load. S. V. Tolkachnik, V. V. Rostoktinskii. Dokl. AN SSSR 143 no. 2:327-330 Mr '62.

Design of shallow shells and plates considering the physical and geometrical nonlinearity. P. A. Lukash. Trudy TSNIISK no. 7:268-320 '61.

Determining the probability of loss of stability of a shell. V. M. Goncharenko. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 1:159-160 Ja-F '62.

Effect of the rigidity of torsion of the framework on the stability of the sheathing of a cylindrical shell [with summary in English] A. G. Arkhangorodskyi, V. G. Popov. Prykl. mekh. 8 no. 2 178-185 '62.

Equations of stresses in the theory of bimetallic shells [with summary in English]. A. V. Sachenkov. Prykl. mekh. 8 no. 2 155-159 '62.

Fediushin, N. D. [Tables for determining the strength of circular pipes, hollow cylinders and tanks subjected to radial pressure] Tablitsy dlia opredelenila prochnosti kruglykh trub, polykh tsilindrov i rezervuarov, podverzhennykh radial'nomu davleniiu. Moskva, Mashgiz, 1962. 96 p.

Heavy axisymmetrical flexures of a hollow shell of revolution subjected to heating and loading. F. L. Akselrad. Rasch. prostr. konstr. no. 6 275-298 '61.

Investigating the stability of bimetallic cylindrical shells subjected to axial compression beyond elastic limits. V. I. Korolev, I. G. Smirnov, R. P. Stomma. Inzh. zhur. 2 no. 1 96-110 '62.

Numerical solution of the uniform equation of a toroidal shell. V. N. Bulgakov, I. V. Karpenko. Sbor. trud. Lab. gidr. mash. no. 9:89-93 '61.

Programming problems on plate bending for the Strela computer. B. IA. Kantor. Sbor. trud. Lab. gidr. mash. no. 9:64-68 '61.

Resistance of conic shells to boundary cyclic actions. IA. B. L'vin. Rasch. prostr. konstr. no. 6 249-274 '61.

Some problems in the bending of a plate with a rectangular slit. B. I. Lozovoi, V. V. Panasiuk. Izv. AN SSSR. Otd. tekh. nauk Mekh. i mashinostr. no. 1 138-143 Ja-F '62.

Stability of plates subjected to plastic deformations. A. S. Vol'mir. Rasch. prostr. konstr. no. 6:149-186 '61.

Stability of shells reinforced with stiffening ribs. A. B. Kordashenko. Izv. AN SSSR. Otd. tekh. nauk Mekh. i mashinostr. no. 1 115-120 Ja-F '62.

Strength of closed and open cylindrical shells. S. N. Kan. Rasch. prostr. konstr. no. 6 213-248 '61.

Stressed state in a nonhomogeneous plate with slits. G. P. Cherepanov. Izv. AN SSSR. Otd. tekh. nauk Mekh. i mashinostr. no. 1 131-137 Ja-F '62.

Symmetric deformation of a conic shell reinforced with ribs. V. M. Mitkevich. Sbor. trud. Lab. gidr. mash. no. 9, 77-88 '61.

Theory of self-cemented nonuniformly heated plates (cyliners) made of a hardening material. N. S. Kurdin. Inzh. zhur. 2 no. 1 130-137 '62.

Thermoelasticity problem for a plate [with summary in English]. V. I. Makhovikov. Inzh.-fiz. zhur. 5 no. 3, 95-102 Mr '62.

Using the experimental or mechanical method in modeling stressed surfaces of plates. K. V. Kovalev. Rasch. prostr. konstr. no. 6:315-324 '61.

Using the statistical method in the analysis of experimental data on the stability of shells. B. P. Makarov. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 1 157-158 Ja-F '62.

ELASTIC PLATES AND SHELLS—VIBRATION

Approximate determination of vibration frequencies of rectangular plates. K. IA. Kyatkin. Prykl. mekh. 8 no. 2:219-222 '62.

Effect of the yielding of the fastening of a cantilever plate on its natural vibration frequencies. V. S. Gontkevich. Sbor. trud. Lab. gidr. mash. no. 9:69-76 '61.

Natural vibrations of cylindrical bodies caused by vortex flows. A. E. Dolnikov. Sbor. trud. Lab. gidr. mash. no. 9:154-163 '61.

Nonstationary problem of vibrations of an elastic plate floating on the surface of an ideal liquid. D. E. Khelsin. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 1 87-90 Ja-F '62.

ELASTIC RODS AND WIRES

Approximate investigation of the stability of rods having variable cross section. N. K. Kulikov. Izv. AN SSSR. Otd. tekh. nauk Mekh. i mashinostr. no. 1 161-164 Ja-F '62.

Considering major displacements in the problem of the stability of an elastoplastic eccentrically compressed rod. IU. N. Aleshinskii. Inzh. zhur. 2 no. 1, 206-208 '62.

Propagation of waves in a finite reinforced rod [with summary in English]. S. O. Leonov. Prykl. mekh. 8 no. 2:174-177 '62.

Stability of continually compressed rods and frames under elastoplastic conditions. G. E. Bel'skii. Trudy TSNIISK no. 7 239-267 '61.

Theoretical and experimental investigations of the deformability and stability of elastically clamped rods. G. E. Bel'skii. Trudy TSNIISK no. 7 126-185 '61.

ELASTIC WAVES

Propagation of waves in a finite reinforced rod [with summary in English]. S. O. Leonov. Prykl. mekh. 8 no. 2 174-177 '62.

ELASTICITY

Deformation field in an isotropic elastic medium with moving dislocations [with summary in English] A. M. Kosevich. Zhur. eksp. i teor. fiz. 42 no. 1, 152-162 Ja '62.

Determining the elasticity limit of real solids. R. I. Garber, T. T. Mogil'nikova. Fiz. met. i metalloved. 13 no. 2:314-316 '62.

Nonlinear elasticity and ultimate deformations in the problems of stability. S. D. Leites. Rasch. prostr. konstr. no. 6 298-314 '61.

Some plane boundary value problems for anisotropic elastic bodies. T. V. Burchuladze. Trudy mat. inst. AN Gruz. SSR 27 293-332 '60.

ELASTOMERS

Effect of the structuration of elastomers on their adhesion to fiber-forming polymers. Part 2: Effect of double bonds in side chain groups of molecules of elastomers [with summary in English]. V. G. Raevskii, S. S. Voiutskii, I. V. Livanova. Vysokom. soed. 4 no. 3 366-370 Mr '62.

ELASTOMERS—THERMAL PROPERTIES

Structural transformations of rubberlike fluorine-containing copolymers undergoing thermal treatment [with summary in English]. A. S. Novikov and others. Vysokom. soed. 4 no. 3:423-428 Mr '62.

ELBRUS, MOUNT—VOLCANOES

Masurenkov, IU. P. [Cenozoic volcanism of the Elbrus Mount volcanic area] Kainozoiskii vulkanizm El'brusskoi vulkanicheskoi oblasti. Moskva, Izd-vo Akad. nauk SSSR, 1961. 139 p. (Akademiia nauk SSSR. Institut geologii rudnykh mestorozhdenii, petrografii, mineralogii i geokhimii. Trudy, no. 51)

ELBRUS REGION—SNOW

Migration of water vapor and structural changes of snow. G. M. Kuvaeva. Trudy Tbil. NIGMI no. 9 58-63 '61.

ELECAMPANE

Dynamics of the accumulation of essential oils in elecampane roots. R. A. Buiko. Trudy Len. khim.-farm. inst. 12 165-171 '61.

ELECTION LAW

"Electoral systems of the entire world, a reference book." Reviewed by N. IA. Kuprits. Sov. gos. i pravo 32 no. 4 143-144 Ap '62.

Russia (1923- U. S. S. R.) Laws, statutes, etc. [Statute on elections to the Supreme Soviet of the U. S. S. R. Adopted by decree of the Presidium of the Supreme Soviet of the U. S. S. R., January 9, 1950. With amendment introduced by decree of the Supreme Soviet of the U. S. S. R., December 27, 1951] Polozhenie o vyborakh v Verkhovnyi Sovet SSSR, Utverzhdeno Ukazom Prezidiuma Verkhovnogo Soveta SSSR ot 9 ianvaria 1950 g. S izmeneniiami i dopolneniiami, vnesennymi Ukazom Prezidiuma Verkhovnogo Soveta SSSR ot 27 dekabria 1961 g. Moskva, Gos. izd-vo iurid. lit-ry, 1962. 29 p.

ELECTIONS

Great day of the Soviet people. Sov. deput. trud. no. 3, 3-6 Mr '62.

Great democracy of the land of the soviets. M. Zlotnik. Belarus' 19 no. 3 4-5 Mr '62.

Known personally. Ogonek 10 no. 10 1 Mr '62.

Lel's address a living word to the voters! Sov. profsoiuzy 18 no. 3 5 F '62.

March 18th, the day of elections to the Supreme Soviet of the U. S. S. R. Klub 11 no. 2 1 F '62.

Observer's notes. Sov. Soiuz no. 4:1-2 '62.

On the eve of elections. Sov. Soiuz no. 3:2-3 '62.

ELECTRIC APPARATUS AND APPLIANCES—MAINTENANCE AND REPAIR

Rivlin, L. B. [Servicing of the electrical equipment of shops] Obsluzhivanie tsekhovogo elektrooborudovaniia. Izd. 5., perer. Moskva, Gos. energ. izd-vo, 1961. 332 p.

ELECTRIC ARC

Electric arc heaters for obtaining high-temperature streams [with summary in English] A. G. Shashkov and others. Inzh.-fiz. zhur. 5 no. 1 115-129 Ja '62.

Spectral line intensity as a function of the effective ionization potential of an electric arc. V. L. Ginzburg, N. P. Glukhovetskaia. Opt. i spektr. 12 no. 3:344-349 Mr '62.

ELECTRIC BATTERIES

Behavior of magnesium anode in galvanic cells. S. N. Pobedinskii, B. M. Bulygin, L. L. Kuz'min. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 6 1006-1010 '61.

ELECTRIC CABLES

Industrial method for manufacturing lead cable jointing sleeves. R. A. Chakhmakhian. Avtom., telem. i sviaz' 6 no. 1 28-30 Ja '62.

ELECTRIC CABLES—TESTING

Device for identifying wires in electric cables. M. K. Dlachkin. Avtom., telem. i sviaz' 6 no. 1 34-35 Ja '62.

Tests in the preventative maintenance of cable lines. V. I. Pogarskii. Elek. sta. 33 no. 2 65-72 F '62.

ELECTRIC CHARGE AND DISTRIBUTION
Electrical charges and electric field S Matveev Radio no 3 31-32 Mr '62

ELECTRIC COILS
Concerning the vibration of the magnetic circuits of induction coils A. Kovachev Vest elektroprom 33 no 3 56-60 Mr '62.
Winding of toroidal coils. D. Koromyslo Radio no 3: 23 Mr '62

ELECTRIC COILS—WELDING
Welding in the manufacture of ignition coils. N.M. Chelnokov. Svar.proizv no.1 32 Ja '62

ELECTRIC CONDUCTIVITY
Conductivity of the arsenic - selenium - thallium system in a glassy state [with summary in English] R L. Miuller, I P Markova Vest LGU 17 no 4 75-89 '62
Effect of heat treatment on the heat conductivity and electric conductivity of 15Khl2VMF (EI802) steel R E Krzhizhanovskii Metalloved i term. obr met. no. 2: 18-19 F '62
Effect of solvents on the ultimate mobility of ions. A.M. Shkodin. Izv vys ucheb zav ,khim i khim tekh 4 no 6: 941-942 '61
Studying the electric conductivity of a flame by the microwave method [with summary in English]. E. P Zimin, V. A. Popov Inzh.-fiz. zhur. 5 no 3.66-71 Mr '62.
Temperature dependence of the electric conductivity of solids N. N. Sirota. Dokl AN SSSR 143 no 3,567-569 Mr '62

ELECTRIC CONTROLLERS
Device for signaling parameter deviations in converters with a coding mask. V A. Lutskii. Avtom. i prib. no. 1 38-39 Ja-Mr '62.
Electric power regulator for electric smelting furnaces. V.S Lerner, IU N. Machil'skii. Avtom. i prib. no. 1: 64-66 Ja-Mr '62.
Servo-type phase shifting devices for obtaining a given shift in a frequency band. L. IA. Mizluk, V I. Gol'dgefter, D.G Levchenko. Avtom kont i elek izm no. 2: 21-34 '60.

ELECTRIC COOKERY
Twenty stoves in one and a half minutes. Izobr. i rats. no. 2 7 F '62

ELECTRIC CRANES
Borodin, IU. P. [Operator of an electric crane; manual for work training and technical instruction] Mashinist elektricheskogo krana, uchebnik dlia profzvodstvenno-tekhnicheskogo obucheniia rabochikh. Izd. 2., dop. Sverdlovsk, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 249 p.
Electric equipment of the crane "Ganta" built in 1959 IU I Rossi Trudy LIVT no 9.36-40 '60
Pleinova, L. N. [Electric equipment for cranes] Kranovoe elektrooborudovanie. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1962. 74 p. (Bibliotechka mekhanizatora pogruzochno-razgruzochnykh rabot)
Russia (1923- U. S. S. R.) Ministerstvo putei soobshcheniia. [Instructions for electric crane operators; bridge, gantry, tower and loading cranes] Instruktsiia dlia kranovshchikov elektricheskikh kranov, mostovykh, kozlovykh, bashennykh, peregruzochnykh mostov. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961 26 p.

ELECTRIC CURRENT CONVERTERS
Generalization of a formula on the e. m. f. of single-armature converters G. P Abramovich. Vest. elektroprom. 33 no 3:75 Mr '62
Kuz'menko, M. I., and A. R. Sivakov. [Transistorized d. c. converters] Poluprovodnikovye preobrazovateli postoiannogo napriazheniia. Moskva, Gos. energ. izd-vo, 1961. 134 p.
Single-armature converter with field excitation. I P. Kopylov. Izv. vys. ucheb. zav., elektromekh. 5 no. 2: 189-195 '62.
Single-armature d.c. voltage converter. I. S. Mendeleev. Izv. vys. ucheb. zav., elektromekh. 5 no. 2-196-204 '62.
Transistor-type DC voltage converter for feeding a DKZ dosimeter [with summary in English]. B. M. Abakumov. Med. rad 5 no 1 73-74 Ja '60.

ELECTRIC CURRENT RECTIFIERS
Characteristics of an electric drive consisting of an uncontrolled rectifier and motor system. L. L. Rotkop. Vest. elektroprom. 33 no. 3:40-45 Mr '62.
Improvement of the operating conditions of rectifiers in three-phase bridge circuits. V. V. Voskresenskii and others. Izv. vys. ucheb. zav.; elektromekh. 5 no. 2: 229-232 '62.

ELECTRIC CUTOUTS
Atabekov, V. B. [VMG-133 and MG-35 high voltage oil cutouts, an electrician's manual] Vysokovol'tnye maslianye vykliuchateli VMG-133 i MG-35; pamiatka elektromontera. Moskva, Izd-vo M-va kommun khoz. RSFSR, 1961. 101 p.
Concerning the hydraulic testing of the porcelain insulators of air cutouts with air filled chambers. Elek sta. 33 no 1.93 Ja '62
Defects in the rubber seals of air cutouts Elek sta. 33 no 1 93 Ja '62
Prevention of the breaking of small porcelain air ducts of 220 kv VVN-220-type air cutouts Elek sta 33 no 1 93 Ja '62

ELECTRIC CUTOUTS—COOLING
Concerning the ventilation of 220 kv air cutouts S. IA Garkavtsev, A M Demchenko Elek sta 33 no 1 83-85 Ja '62.

ELECTRIC CUTOUTS—TESTING
Testing of 500 kv. air cutouts in the transmission network of the Volga Hydroelectric Power Station (22d Congress of the CPSU) and Moscow A. A Akopian and others Elek sta 33 no 1 37-45 Ja '62

ELECTRIC CUTTING MACHINERY
The 2VChIU high-frequency electric-erosion unit. V IU. Veroman Biul. tekh -ekon. inform no 2:24-26 '62

ELECTRIC DIPOLE MOMENTS see Dipole moments

ELECTRIC DISCHARGES THROUGH GASES
Remarks on the article "Widening of the channel of powerful miniature sparks" by B A Demidov, IU F Skachkov, S. D. Fanchenko, S. I. Andreev, M P Vanlukov. Zhur. eksp. i teor. fiz 42 no. 1 309 Ja '62
Welding and soldering metals in a glow discharge. V. S. Vanin Avtom. svar. 15 no 4:23-25 Ap '62

ELECTRIC DRIVING
Characteristics of an electric drive consisting of an uncontrolled rectifier and motor system L. L. Rotkop Vest. elektroprom 33 no 3:40-45 Mr '62.
Composite method for regulating a generator-motor system with a transverse-field amplidyne O V Popov Izv AN SSSR. Otd tekh nauk Energ i avtom. no 1.89-100 Ja-F '62
Graphic and analytical method of calculating electric drives with curvilinear characteristics N N Tarkhov Trudy LIVT no 9 20-28 '60
Method for coordinated stoppage of the electric motors of a multiple d.c. drive system. A. M. Bystrov. Izv. vys. ucheb. zav., elektromekh. 5 no. 2 218-223 '62.
Present state and future development of automated electric drives. M. G. Chilikin, M. M. Sokolov. Trudy MEI no. 44 211-222 '60.
Synthesis of linear systems of automatic electric drive under certain conditions of control. B A. Bakhovets, G P. Lyshchinskii Izv. Sib. otd AN SSSR no. 1 18-29 '62.

ELECTRIC ENGINEERING
Bessonov, L. A. [Theoretical principles of electrical engineering, in three parts] Teoreticheskie osnovy elektrotekhniki, v trekh chastiakh. [Izd. 3.] Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 791 p.
From professional journals. Prom. energ. 17 no. 2:52-53 F '62
Problems confronting the Department of Technical Sciences as viewed in the light of the decisions of the 22d Congress of the CPSU A A. Blagonravov Izv AN SSSR. Otd. tekh nauk Energ i avtom. no 1 3-15 Ja-F '62.
Through the pages of foreign magazines. Radio no. 3: 57-59 Mr '62.
Using ultrasonics in electric engineering. K. K. Namitokov. Avtom. i prib. no. 1:72-76 Ja-Mr '62.

ELECTRIC ENGINEERING—ABSTRACTS
[Electrical engineering and electric power] Ref. zhur.: Elektrotekh. i energ. nos. 3-5 '62.

ELECTRIC ENGINEERING—BIBLIOGRAPHY see Bibliography—Electric engineering

ELECTRIC ENGINEERING—HYGIENIC ASPECTS
Hygienic aspects of working conditions involving high-frequency heating in the electric vacuum industry [with summary in English] K V Nikonova. Gig truda i prof zab 4 no 1:9-12 Ja '60.

ELECTRIC ENGINEERING—MATERIALS
Use of a solar radiation system in a method for accelerated testing of materials G. P. Kazanchian, IA. T. Shermazanian. Vest. elektroprom. 33 no 3:67-70 Mr '62

ELECTRIC ENGINEERING—SAFETY MEASURES
Reducing fire hazards caused by electric systems. A. I. Veselov. Prom. energ. 17 no. 2:26-27 F '62.

ELECTRIC ENGINEERING—SAFETY REGULATIONS
Regulations for operating electric units should be reissued. G. Batashov Bezop. truda v prom. 6 no 3:34 Mr '62.
Safety regulations for the operation and maintenance of electric systems in industrial enterprises (continued). Prom. energ 17 no. 2.41-45 F '62.

ELECTRIC ENGINEERING—STANDARDS
Discussing a state standard. S. L. Madorskii. Prom. energ. 17 no 2:51-52 F '62.

ELECTRIC ENGINEERING—STUDY AND TEACHING
Studying synchronized transmissions in the electric engineering course. P. I. Stavskii. Fiz. v shkole 22 no. 1:56-58 Ja-F '62.

ELECTRIC EQUIPMENT INDUSTRY
(see also subdivision under Moldavian [illegible]
Fiftieth anniversary of the "Moscow [illegible] Kutsovol, L. V. Sidorov, F. S. [illegible] prom 33 no 3:1-9 Mr '62
Let's improve the organization of [illegible] the electrical equipment industry [illegible] 33 no 3 78-80 Mr '62

ELECTRIC EQUIPMENT INDUSTRY—[illegible] STANDARDS see subdivision under [illegible] Province

ELECTRIC FIELDS
Introduce the industrial application of [illegible] tronic fields in the national economy [illegible] V V Grigor'ev, A. I But Prom [illegible] F '62.

ELECTRIC FILTERS
Problem of the purification of coke gas [illegible] ters M. IA. Finkel' Koks i khim [illegible]

ELECTRIC FISHING
Effect of the length of the electric cur[illegible] pacity of the electrified trawl V. A. [illegible] khoz. 37 no. 10-37-41 '61
Outlook for fishing by the use of electric [illegible] Malkevichus Ryb. khoz 37 no 1 [illegible]

ELECTRIC FREQUENCY MEASUREMENTS see [illegible] measurements

ELECTRIC FURNACES
Basic crucibles for induction furnaces [illegible] kov. Ogneupory 27 no. 2 66-70 '62
Discussing G. I. Platonov's article "[illegible] zone of furnace transformers of ore [illegible] smelting electric furnaces." I A [illegible] Shchedrovitskii. Prom. energ 17 [illegible]
Method of manufacturing DSP-80 electric [illegible] bottoms B. V. Barvinskii. Metallurg [illegible] F '62.
Testing of zircon dinas bricks in the [illegible] of smelting arc furnaces. I S. Kainarskii [illegible] Ogneupory 27 no 2:77-80 '62.
Volkova, L. A. [Metal melting in induction [illegible] Plavka metalla v induktsionnykh pechiakh. [illegible] L. M. Volpianskogo. Moskva, Mashgiz, 1961. [illegible] (Nauchno-populiarnaia biblioteka rabochego [illegible] no. 17)

ELECTRIC FUSES
Mote, G. [Selection of the parameters of [illegible] fuses] Augstspriguma drosinataju kust[illegible] parametru izvele. Riga, PSR Zinatnu akadēmijas izdevnieciba, 1961. 39 p. [In Latvian]

ELECTRIC GENERATORS
Calculation of the characteristics of [illegible] of symmetrical pulses. A. N. Tkachenko [illegible] ucheb. zav., elektromekh. 5 no. 2 [illegible]
Effect of parameters on the behavior of [illegible] chanical system in a state of equilibrium [illegible] Izv Sib. otd AN SSSR no. 12:14-23 '61
Excitation regulation with consideration of the [illegible] and acceleration of synchronous machines [illegible] nin. Vest. elektroprom. 33 no. 3.35-40 [illegible]
Maximum efficiency of a thermoelectric generator [with summary in English]. IU. V. Malyugin [illegible] zhur. 5 no. 3:113-117 Mr '62.
Method for determining phase sequence in [illegible] tors N L. Sakhnovskii, E. R. IUrchenkov [illegible] 33 no 1 80-81 Ja '62
Recording of the angular velocity for the determination [illegible] the inertial constant of a synchronous generator [illegible] Kul'kov, V. A. Faibisovich Elek sta 33 [illegible] '62
Zhezherin, R. P. [Inductor alternators] Induktornye generatory. Moskva, Gos. energ. izd-vo, 1961. [illegible]

ELECTRIC HEATING
Design of preheaters operating under forced [illegible] conditions. A. L. Iskra. Inzh zhur. 2 no 1 17-[illegible]
Electric arc heaters for obtaining high-temperature [illegible] streams [with summary in English]. A. G. Sh[illegible] and others Inzh.-fiz. zhur 5 no 1:115-129 Ja [illegible]
Overheating of cupola iron. F. N. Tavadze, F. V. Petrishvili, M. D. Lanchava. Lit. proizv [illegible] Mr '62.

ELECTRIC HOUSEHOLD APPLIANCES see Household appliances, Electric

ELECTRIC INDUSTRIES
Many countries know the "DK" trade-mark. [illegible] N. Zverev. Vnesh. torg. 42 no. 3-37-39 '62

ELECTRIC INDUSTRIES—HYGIENIC ASPECTS see subdivision under Kharkov

ELECTRIC INSTRUMENTS
Using electrochemical converters in electric measuring equipment. P. P. Ornatskii, V. I. Zozulia, A. A. [illegible] dov. Avtom. i prib. no. 1:67-70 Ja-Mr '62.

ELECTRIC INSULATORS AND INSULATION

Concerning the characteristics of new insulators for outdoor use. N. N. Bolshakov, V. S. Rashkes. Elek. sta. 33 no. 1 58-60 Ja '62

Dependence of the discharge potential of wet insulators on the time duration, the insulator being subject to the action of the potential and on the intensity of the rain. F. V. Kalinin, O. V. Karpova, L. P. TSepakina. Elek. sta. 33 no. 2 59-62 F '62

KM-17 electric insulating lacquer and its use. A. P. Nagaeva, D. IA. Zhinkin, M. F. Borisov. Iakobias mat. i tekh. prim. no. 5 58-60 '61.

Rose granites are a raw material for producing high-voltage insulators. P. M. Rykov. Stek. i ker. 19 no. 2 30-32 F '62

Small-sized suspension insulators from aluminous porcelain. G. N. Maslennikova. Vest. elektroprom. 33 no. 3 76-77 Mr '62

ELECTRIC INSULATORS AND INSULATION—TESTING

Use of a solar radiation system in a method for accelerated testing of materials. G. P. Kazanchian, IA. T. Shermazantian. Vest. elektroprom. 33 no. 3 67-70 Mr '62

ELECTRIC LIGHTING, MERCURY VAPOR

High-power mercury-arc lamp. E. V. Chisler. Prib. i tekh. eksp. 7 no. 1 164-167 Ja-F '62

ELECTRIC LINES

Line attachment to a VRT-53 device. L. M. Sonina, V. I. Shadrin. Elek. sta. 33 no. 2 92-93 F '62

Rendering the plastic base terminals of cable devices hydrophobic. I. I. Ivanov. Avtom., telem. i sviaz' 6 no. 2 32-33 F '62.

Some characteristics of half-wave and half-wave tuned electric transmission systems with transformers connected in series. B. K. Shcherbakov, E. N. Kopach. Izv. Sib. otd. AN SSSR no. 1 11-18 '62

ELECTRIC LINES—OVERHEAD
(see also subdivision under Transcaucasia)

Bearing capacity of bolt-fastened support trusses for electric lines. V. I. Trofimov. Trudy TSNIPSK no. 7 63-69 '61.

Choice of the minimum permissible stress of material used in the elevated lightning grounding lines of overhead power transmission lines. I. I. Tunkevičius. Elek. sta. 33 no. 1 65 Ja '62

Concerning V. M. Popov's article "Use of a phase method for repairing power transmission lines and electrical equipment of substations." B. N. Eganov. Elek. sta. 33 no. 1 88-89 Ja '62

Construction of electric power transmission lines in mountainous areas. M. D. Gleizer, M. L. Tartakovskii, K. A. Khomiakov. Elek. sta. 33 no. 1 74-76 Ja '62

Dependence of the discharge potential of wet insulators on the time duration, the insulator being subject to the action of the potential and on the intensity of the rain. F. V. Kalinin, O. V. Karpova, L. P. TSepakina. Elek. sta. 33 no. 2 59-62 F '62

Erection of standardized 110 to 330 kv. power transmission line towers. D. E. Vinogradov. Elek. sta. 33 no. 1: 76-77 Ja '62.

Erection of the crossing of a 110 kv. power transmission line across a river. A. B. Ginsburg. Elek. sta. 33 no. 1 71-71 Ja '62

Erection of the towers of 110 and 330 kv. power transmission lines. Elek. sta. 33 no. 1 76-77 Ja '62

Medvedskii, N. I., and S. S. Salomasov. [Erection of outdoor power lines and distribution networks] Prokladka naruzhnykh elektrosetei i linii. Leningrad, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 185 p. (Seriia posobii dlia nachinaiushchikh rabochikh)

Small-sized suspension insulators from aluminous porcelain. G. N. Maslennikova. Vest. elektroprom. 33 no. 3: 76-77 Mr '62.

Swinging of the conductors of a 110 kv. power transmission line. V. N. Andrievskii. Elek. sta. 33 no. 1 86-87 Ja '62

ELECTRIC LINES—POLES AND TOWERS

Annulment of the No. F-16/60 decision adopted by the All-Union Main Power Administration on the 7/2, 1960; decision No. E-10/61 of the 9/15, 1961.

Concerning G. I. Lysakovskii and T. P. Musatov's article "Measures for the prevention of the ignition of wooden poles." V. A. Koval'chuk. Elek. sta. 33 no. 1 91 Ja '62.

Installing reinforced concrete supports for electric transmission lines. A. S. Krupskii. Sbor. nauch. trudov LISI no. 24-30-45 '56.

Lengthening the distance between cable supports. M. S. Zhivov. Prom. energ. 17 no. 2:36-37 F '62.

Supports without insulators. M. S. Dobzhinskii, IU. N. Vershinin. Nauka i zhizn' 29 no. 1-64-65 Ja '62

Tension member for temporary bracing of poles. N. F. Burzhinskii. Avtom., telem. i sviaz' 6 no. 1-35 Ja '62.

Use of wooden poles in constructing electric power transmission lines in the North pole regions. A. I. Selifantin. Elek. sta. 33 no. 2 62-65 F '62.

ELECTRIC LINES—UNDERGROUND

Cable ducts without metallic structures. V. P. Kuznetsov. Prom. energ. 17 no. 2:33 F '62.

Medvedskii, N. I., and S. S. Salomasov. [Erection of outdoor power lines and distribution networks] Prokladka naruzhnykh elektrosetei i linii. Leningrad, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 185 p. (Seriia posobii dlia nachinaiushchikh rabochikh)

Tests in the preventative maintenance of cable lines. V. I. Pogarskii. Elek. sta. 33 no. 2 65-72 F '62

ELECTRIC LINES—WELDING

Thermite-muffle welding of lead-in wires. D. S. Spasskii. Avtom., telem. i sviaz' 6 no. 1 32 Ja '62

ELECTRIC LOCOMOTIVES

Operation of electric locomotives on long haul distances. S. A. Kalinin, M. V. Korenevskii. Zhel. dor. transp. no. 3 55-61 Mr '62

Study of the protection system of the power network of the N-60 a.c. locomotive. V. V. Nechitailov, V. I. Kopylov, V. V. Sokanov. Izv. vys. ucheb. zav., elektromekh. 5 no. 2 205-210 '62

ELECTRIC LOCOMOTIVES—MAINTENANCE AND REPAIR

[Detecting and eliminating defects in the electric circuits of a.c. electric locomotives] Obnaruzhenie i ustranenie neispravnostei v elektricheskikh tsepiakh elektrovozov peremennogo toka [By] G. A. Semenov i dr. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenia, 1961. 127 p.

ELECTRIC LOGGING (OIL WELLS) see Oil well logging, Electric

ELECTRIC MACHINERY

Calculation of magnetic fields in the air gap of an inductor machine with constant flux. N. IA. Al'per. Vest. elektroprom. 33 no. 3:10-17 Mr '62

Noncontact induction relays. M. A. Esibian. Izv. vys. ucheb. zav., energ. 5 no. 2:36-41 F '62

ELECTRIC MACHINERY—DIRECT CURRENT

Electromagnetic time design constant of a d.c. machine and methods for decreasing it. M. A. Chernyk. Izv. vys. ucheb. zav., elektromekh. 5 no. 2:233-234 '62.

ELECTRIC MACHINERY—WINDINGS

Concerning the design of the "sine" windings of single-phase asynchronous micromachines. K. V. Pavlov, G. S. Somikhina. Izv. vys. ucheb. zav., elektromekh. 5 no. 2:177-188 '62.

ELECTRIC MACHINERY, SYNCHRONOUS

Determination of impedance of an asynchronous machine. G. M. Kirichek. Vest. elektroprom. 33 no. 3:71-74 Mr '62

Mathematical simulation of the transient processes of a synchronous machine based on experimental dynamic characteristics. IU. A. Bakhvalov. Izv. vys. ucheb. zav., elektromekh. 5 no. 2:155-167 '62.

ELECTRIC MEASUREMENTS

The IPE-60 device for measuring the anisotropy of the electric conductivity of nonmagnetic metals. Prib. i tekh. eksp. 7 no. 1 209 Ja-F '62.

Improvement of the ICh-1 instrument kit. G. N. Shvartshtein, V. B. Ozerov. Avtom., telem. i sviaz' 6 no. 3 38 Mr '62.

Induction instrument for measuring static and dynamic pressures. M. M. Nekrasov, I. F. Siromalda, V. IA. Cherednichenko. Avtom. i prib. no. 1 91 Ja-Mr '62.

Measuring heavy direct currents by means of an integrating circuit based on the Hall effect. V. V. Serkov. Prib. i tekh. eksp. 7 no. 1 124-128 Ja-F '62

New system for induction measurement of electric conductivity. V. I. Khotkevich, M. IA. Zabara. Prib. i tekh. eksp. 7 no. 1 189-191 Ja-F '62.

Problem concerning the choice of an a.c. bridge circuit. R. L. Kravtsov, B. I. Shvetskii. Avtom. kont. i elek. izm. no. 2:35-46 '60.

Semiconductor voltage stabilizers for measuring networks. I. M. Ashkinazi, V. A. Golembo, V. M. Pompeev. Avtom. kont. i elek. izm. no. 2:83-96 '60.

ELECTRIC MEASUREMENTS—STANDARDS

Malitskii, A. N. [Units of measure of electrical and magnetic magnitudes] Edinitsy izmerenila elektricheskikh i magnitnykh velichin. [Moskva] Izd-vo Mosk. univ., 1961. 54 p.

ELECTRIC METAL CUTTING

Attachment on an AR-8 burner for plasma cutting. N. T. Mel'nichenko, B. I. Mokrov. Avtom. svar. 15 no. 4:88-89 Ap '62.

Metal cutting by means of a penetrating arc in combination with a gas flow. D. G. Bykhovskii. Avtom. svar. 15 no. 4:48-53 Ap '62.

Three-dimensional working of materials of electroerosi and ultrasonic waves. A. L. Livshits, B. Kh. Mechetner. Fiz. v shkole. 22 no. 1.4-10 Ja-F '62.

ELECTRIC MOTORS—DIRECT CURRENT

D. C. motor without slide contacts. I. A. Veviurko, IU. V. Razumovskii, A. I. Selivakhin. Vest. elektroprom. 33 no. 3:34-35 Mr '62.

ELECTRIC MOTORS, INDUCTION

Braking of asynchronous short-circuited motors by switching-in in polarity opposition. L. B. Gerlet, V. N. Standshevskii. Izv. vys. ucheb. zav., energ. 5 no. 2 21-27 F '62

Efendizade, A. A. [Controlled electric drive for drilling oil wells] Reguliruemyi elektroprivod dlia bureniia neftianykh skvazhin. Baku, Azerbaidzhanskoe gos. izd-vo, 1961. 142 p.

Static frequency converters for regulating the speed of asynchronous motors. A. S. Sandler and others. Vest. elektroprom. 33 no. 3 45-51 Mr '62.

Tachometer devices in a choke-type speed regulating system of a shielded asynchronous motor. A. V. Golovanov. Izv. vys. ucheb. zav., energ. 5 no. 2,28-35 F '62

ELECTRIC MOTORS, INDUCTION—COOLING

Calculation of the ventilation system of enclosed asynchronous motors with 0.6 to 100 kw. power rating. V. V. Malitsev, L. L. Pantiukhov. Vest. elektroprom. 33 no. 3 24-28 Mr '62

ELECTRIC MOTORS, SYNCHRONOUS

Concerning the use of an automatic disconnector in the starting network of a synchronous motor. L. D. Naumovskii, IA. A. Tsirel'. Elek. sta. 33 no. 1 82-83 Ja '62

Use of a frequency method for determining the starting characteristics of synchronous motors. M. P. Kostenko and others. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no. 1 63-69 Ja-F '62

Vertical synchronous motors for driving large pumps. Z. B. Neiman. Vest. elektroprom. 33 no. 3:28-33 Mr '62.

ELECTRIC NETWORK ANALYZERS

Electric model for solving systems of linear algebraic equations. K. K. Keropian. Izv. vys. ucheb. zav., elektromekh. 5 no. 2:136-139 '62.

ELECTRIC NETWORKS

Logic networks assuring incongruency of pulses from asynchronous sources. A. D. Talantsev. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no. 1 176-180 Ja-F '62

Multiplying and dividing devices using heated metal resistances [with summary in English]. L. V. Zotov, V. S. Popov. Avtom. i telem. 23 no. 3 365-370 Mr '62.

Synthesis of switching circuits. A. A. Flier, K. I. Pelukhov. Avtom., telem. i sviaz' 6 no. 3 13-15 Mr '62.

ELECTRIC OSCILLATORS see Oscillators, Electric

ELECTRIC POTENTIAL see Electromotive force

ELECTRIC POWER

Oznobin, N. M. [Electric power stations in the U.S.S.R. and their location] Elektroenergetika SSSR i ee razmeshchenia. Moskva, Izd-vo ekon. lit-ry, 1961. 305 p.

ELECTRIC POWER—ABSTRACTS

[Electrical engineering and electric power] Ref. zhur. Elektrotekh. i energ. nos. 3-5 '62.

ELECTRIC POWER—PERIODICALS

Conference of the readers of "Promyshlennaia Energetika" journal in Gorkiy City. M. V. Panteleev. Prom. energ. 17 no. 2 46-47 F '62

ELECTRIC POWER DISTRIBUTION
(see also subdivision under Tatar A.S.S.R.)

Algorithm for the solution of three power engineering problems using an electronic digital computer. E. V. Tsvetkov. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no. 1 54-62 Ja-F '62.

Atabekov, V. B., and L. F. Pletnev. [Relay protection and automatic control] Releinaia zashchita i avtomatika. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1961. 53 p.

Automation of power systems. A. B. Frenkel'. Prom. energ. 17 no. 2:5 F '62

Changes in articles 60 and 61 of the instructions on the adjustment and operation of gas protection. Elek. sta. 33 no. 2:96 F '62.

Combination dischargers for 500 kv. networks and their test results. A. A. Akopian, V. P. Fotin, A. F. IAroshenko. Elek. sta. 33 no. 2 54-59 F '62.

Conditions for the efficient operation of electric transformers in municipal electric power distribution net- [illegible] P. G. Grudinskii, R. IA. Fedosenko. Elek. sta.

ELECTRIC POWER DISTRIBUTION (Continued)

Libkind, M. S. [Transformer-generated higher harmonics] Vysshie garmoniki, generiruemye transformatorami Moskva, Izd-vo Akad. nauk SSSR, 1962. 100 p.

Possibility of using electrical simulation for calculating the distribution of sinusoidal current in conductors O. V. Tozoni Izv. vys. ucheb. zav., elektromekh 5 no. 2 119-128 '62

Problems concerning the design of long-distance compensated electric power transmission lines V. A. Venikov, I. P. Siuda Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no. 1 37-44 Ja-F '62

Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Directives no. 167-61 on the design of municipal electric power distribution networks, 1000 volt networks within the blocks of cities and large settlements] Ukazaniia po proektirovaniiu gorodskikh elektricheskikh setei, vnutrikvartal'nye elektricheskie seti napriazheniem do 1000 vol't v gorodakh i poselkakh gorodskogo tipa, SN 167-61. Utverzhdeny 25 maia 1961 g. Moskva, Gos. Izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 21 p.

Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Directive no. SN 174-61 on the design of electric power supply systems for industrial enterprises] Ukazaniia po proektirovaniiu elektrosnabzheniia promyshlennykh predpriiatii SN 174-61. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 65 p.

Schematic of the connections and construction of standard GRU 6 to 10 kv systems with double reactor banks for large thermal electric power plants. L. I. Dvoskin. Elek. sta. 33 no. 2 40-44 F '62

Standardization of the structural designs of 35 and 110 kv outdoor power distribution systems V. V. Kozharinov and others Elek. sta. 33 no. 1 45-51 Ja '62

The TO-3 remote control switching apparatus V. S. Skitaltsev Elek. sta. 33 no. 1 60-64 Ja '62

ELECTRIC POWER DISTRIBUTION—EQUIPMENT AND SUPPLIES

Concerning the vibration of the magnetic circuits of induction coils A. Kovachev Vest. elektroprom. 33 no. 3 56-60 Mr '62

Concerning V. V. Bulgakov's article "Mechanization of repair operations" IU. I. Peisakhovich, V. V. Zavialov, P. V. Shchukin Elek. sta. 33 no. 1 89-90 Ja '62

Moisture accumulation in oil-saturated paper insulation of small 110 kv entrances A. K. Mann, L. P. TSepakina Elek. sta. 33 no. 2 49-54 F '62

ELECTRIC POWER DISTRIBUTION—HIGH TENSION
(see also subdivision under Georgia)

Dolginov, A. I. [Overvoltages in electric power systems] Perenapriazheniia v elektricheskikh sistemakh. Moskva, Gos. energ. izd-vo, 1962. 511 p.

Simplified checking of the thermal stability of equipment in networks with high-speed short-circuit to ground protection. K. K. Rinzantsev Izv. vys. ucheb. zav., energ. 5 no. 2, 1-4 F '62

ELECTRIC POWER PLANTS
(see also subdivision under Anyksta, Lithuania; Turov, Poland, United States)

Certain problems encountered in the overall automation of a large thermal electric power plant G. L. Shegal, V. F. Fridman Elek. sta. 33 no. 1 10-13 Ja '62

Concerning the design of cooling reservoirs P. A. Denisov. Elek. sta. 33 no. 2 20-26 F '62

Construction of the scaffolds of fuel supply systems in regions with low seasonal temperatures B. D. Kharin. Elek. sta. 33 no. 2 85 F '62

Fight with surface vegetation in the cooling reservoirs B. A. Shimanskii Elek. sta. 33 no. 1 26-30 Ja '62

Levental', G. B., and L. A. Melent'ev, eds. [Technical and economic principles of the expansion of heat supply engineering in power systems] Tekhniko-ekonomicheskie osnovy razvitiia teplofikatsii v energosistemakh. Moskva, Gos. energ. izd-vo, 1961. 318 p.

Shortening the building time for thermal electric plants. I. Levchenko, V. Shepelev Prom. stroi. i inzh. soor. 3 no. 2:7-12 Mr-Ap '61

Small control board for a power plant block L. S. Orelovich Elek. sta. 33 no. 2 27-31 F '62

Some problems of dynamics in the regulation of boiler-turbine units V. K. Bogdanov. Energomashinostroenie 8 no. 1 9-15 Ja '62

Soviet mobile power plants S. A. Nezhdanov, N. I. Sazonov. Elek. sta. 33 no. 1 68-70 Ja '62

ELECTRIC POWER PLANTS—CONGRESSES

Scientific and technical conference on the efficiency of the design and experience in operating large gas furnace systems V. L. Trembovlia. Elek. sta. 33 no. 1 94 Ja '62

ELECTRIC POWER PLANTS—EQUIPMENT AND SUPPLIES

Economic expediency of the continuous operation of a feed turbopump P. S. Arkhipov, N. N. Travin Elek. sta. 33 no. 2 16-20 F '62.

Expediency of introducing a turbopump in the automatic reserve cut in network of feed pumps. IA. M. Mostvilishker Elek. sta. 33 no. 2, 95 F '62.

Gorshkov, A. S., V. E. Doroshchuk, and N. V. Kuznetsov, eds. [Increasing the steam parameters and operating capacity of units in heat engineering] Povyshenie parametrov para i moshchnosti agregatov v teploenergetike, sbornik statei. Moskva, Gos. energ. izd-vo, 1961. 513 p.

Improvement in the efficiency of ball mills lubrication systems U. F. Egerman Elek. sta. 33 no. 2 6-10 F '62

The new large electric power plants should be equipped with modernized fuel pulverizing systems. N. M. Mikhailov, P. I. Kiselev Elek. sta. 33 no. 1 6-9 Ja '62

ELECTRIC POWER PLANTS—MAINTENANCE AND REPAIR

Concerning V. V. Bulgakov's article "Mechanization of repair operations" IU. I. Peisakhovich, V. V. Zavialov P. V. Shchukin Elek. sta. 33 no. 1 89-90 Ja '62

ELECTRIC POWER PLANTS—SAFETY MEASURES

Introduction of changes in "Safety engineering regulations for servicing the equipment of the thermal sections of electric power plants Elek. sta. 33 no. 1 93 Ja '62

ELECTRIC POWER PLANTS—VENTILATION

Levin, I. M., and I. A. Botkachik. [Flue exhaust and ventilating fans for high capacity electric power plants] Dymososy i ventiliatory moshchnykh elektrostantsii. Moskva, Gos. energ. izd-vo, 1962. 183 p.

ELECTRIC POWER PRODUCTION

Heat and power engineering as carried out in the plan of the State Commission for the Electrification of Russia down to the present day. T. Kh. Margulova, M. A. Styrikovich. Trudy MEI no. 33 41-78 '60.

Hydroelectric power engineering in the U. S. S. R. from the plan of the State Commission for the Electrification of Russia down to the plan for the overall electrification of the country. T. L. Zolotarev. Trudy MEI no. 33, 79-138 '60.

ELECTRIC POWER PRODUCTION—PERIODICALS

Subject plan of the magazine "Elektricheskie Stantsii" for 1962 Elek. sta. 33 no. 1 95-96 Ja '62

ELECTRIC POWER SUPPLY TO APPARATUS

Automatic control of electric power supply apparatus I. S. Chernov, P. V. Kalinkin Vest. protivovozd. obor. no. 12 54-56 D '61

Power supply for several hardening treatment apparatus from a single generator A. G. Orlovskii, G. I. Ageikin, M. O. Riabin Prom. energ. 17 no. 2:11-12 F '62.

ELECTRIC PROSPECTING
(see also subdivision under Chelyabinsk Province; Georgia)

Effect of electrolytic corrosion on the measurement of the spontaneous potential. I. A. Romaniuk. Razved. i prom. geofiz. no. 39:61-68 '61.

Electric prospecting with radio waves A. G. Tarkhov. Razved. i okh. nedr 28 no. 1 29-34 Ja '62.

Kotliuk, A. F. [Analysis of airborne electric prospecting charts by the induction method] Analiz skhem aeroelektrorazvedki metodom induktsii. Otv. red. L. IA. Miziuk. Novosibirsk, Izd-vo Sibirskogo otd-niia AN SSSR, 1961. 113 p.

[MICROFILM]

Measuring apparatus for electric prospecting by the pulse method F. B. Glinevich, L. IA. Miziuk. Izv. Sib. otd. AN SSSR no. 1:5-10 '62.

Outlook for magnetotelluric profiling M. N. Berdichevskii. Razved. i okh. nedr 28 no. 2 34-38 F '62.

Results of the Interuniversity Scientific Conference on Inductive Methods in Mining Geophysics. A. I. Serdinov. Izv. vys. ucheb. zav., geol. i razv. 5 no. 2 107-112 F '62

Seasonal variations in the parameters of the upper part of a frozen stratum. G. N. Antshchenko. Geofiz. razved. no. 5 66-75 '61.

ELECTRIC PROSPECTING—ELECTRONIC EQUIPMENT

Amplifier for electric prospecting apparatus using methods of magnetic developments. L. IA. Miziuk, L. D. Glk. Avtom. kont. i elek. izm. no. 2:47-54 '60.

ELECTRIC PROSPECTING—EQUIPMENT AND SUPPLIES

Use of a shielded buffer-type gradient probe to study thick coal seams. A. S. Grinson. Razved. i okh. nedr. 27 no. 12, 51-54 D '61.

ELECTRIC PROTECTION

Atabekov, V. B., and L. F. Pletnev. [Relay protection and automatic control] Releinaia zashchita i avtomatika. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1961. 53 p.

Certain cases of the faulty operation of DFZ-2 high-frequency differential-phase protection. E. S. Iglitskii. Elek. sta. 33 no. 2 93-94 F '62

Changes in articles 60 and 61 of the instructions on the adjustment and operation of gas protection. Elek. sta. 33 no. 2 96 F '62

Combination dischargers for 500 kv. networks and their test results A. A. Akopian, V. P. Fotin, A. I. IAroshenko Elek. sta. 33 no. 2 54-59 F '62.

Development of relay protection and automation of electric power systems from the birth of the "Plan of the State Commission for the Electrification of Russia" down to the present day. I. I. Solov'ev, A. M. Fedoseev. Trudy MEI no. 33 183-210 '60.

Dolginov, A. I. [Overvoltages in electric power systems] Perenapriazheniia v elektricheskikh sistemakh. Moskva, Gos. energ. izd-vo, 1962. 511 p.

Earth fault protection of electric motors. R. A. Sviridkii, P. V. Moskva Prom. energ. 17 no. 2:25 F '62

Evaluation of the unbalance currents in the differential protection of electric transformers O. V. Suslov Elek. sta. 33 no. 1 87 Ja '62.

Simplified checking of the thermal stability of equipment in networks with high-speed short-circuit to ground protection. K. K. Riazantsev. Izv. vys. ucheb. zav., energ. 5 no. 2 1-4 F '62

ELECTRIC PUMPS see Pumping machinery, Electric

ELECTRIC RAILROADS

Batalov, N. M., and D. P. Petrov. [Electric traction machinery] Tiagovye elektricheskie apparaty. Moskva, Gos. energ. izd-vo, 1961. 207 p.

Isaev, A. S. [Electricity and transportation; from the history of electric railroads and ground trackless electric transportation] Elektrichestvo i transport; iz istorii elektricheskikh zheleznykh dorog i nazemnogo bezrel'sovogo elektrotransporta. [Moskva] Mosk. rabochii, 1961. 108 p.

ELECTRIC RAILROADS—COMMUNICATION SYSTEMS

Electrolytic effect of the traction currents on the performance of the communication networks of electrified railroad districts running through hilly terrain. I. T. Fuks, B. I. Popov. Avtom., telem. i sviaz' 6 no. 3, 34-35 Mr '62

ELECTRIC RAILROADS—CURRENT SUPPLY

Electric power supply to automatic block systems in a. c. electrified railroad districts. IU. I. Vecheraskii. Avtom., telem. i sviaz' 6 no. 3 26-29 Mr '62.

Moltarchuk, V. S. [Norm setting for the consumption of electric power for train traction] Normirovanie raskhoda elektricheskoi energii na tiagu poezdov. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1962. 59 p.

ELECTRIC RAILROADS—ELECTRONIC EQUIPMENT

[Automatic control, remote control, and communications on a. c. railroads] Avtomatika, telemekhanika i sviaz' na zheleznykh dorogakh s elektrotiagoi peremennogo toka; sbornik statei. Pod obshchei red. D. A. Dantsin. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 201 p.

ELECTRIC RAILROADS—MAINTENANCE AND REPAIR

Russia (1923- U. S. S. R.) Glavnoe upravlenie elektrifikatsii i energeticheskogo khoziaistva. [Maintenance rules for the overhead contact system of electrified railroads] Pravila soderzhaniia kontaktnoi seti elektrifitsirovannykh zheleznykh dorog. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 76 p.

ELECTRIC RAILROADS—SIGNALING

Problem concerning the operation of single-rail networks I. M. Kokurin Avtom., telem. i sviaz' 6 no. 2:18-20 F '62.

Rail networks with 25 c. p. s. a. c. A. A. Talykov. Avtom., telem. i sviaz' 6 no. 1 9-12 Ja '62.

VKSE-6t cable entrance stand S. N. Parfenov Avtom., telem. i sviaz' 6 no. 1:13-15 Ja '62

ELECTRIC RAILROADS—SIGNALING—BLOCK SYSTEM

Electric power supply to automatic block systems in a. c. electrified railroad districts. IU. I. Vecheraskii. Avtom., telem. i sviaz' 6 no. 3:26-29 Mr '62.

TSotsura, I. A. [Experience in the reorganization of central block signaling systems in connecting with the transfer to a. c. traction] Opyt rekonstruktsii ustroistv STsB pri perekhode na elektricheskuiu tiagu peremennogo toka. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 93 p.

ELECTRIC RAILROADS—WIRES AND WIRING

Improve the quality of the insulation of armored cables on electrified railroads. N. A. Petrovskii Avtom., telem. i sviaz' 6 no. 2 21-23 F '62.

Russia (1923- U. S. S. R.) Glavnoe upravlenie elektrifikatsii i energeticheskogo khoziaistva. [Maintenance rules for the overhead contact system of electrified railroads] Pravila soderzhaniia kontaktnoi seti elektrifitsirovannykh zheleznykh dorog. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 76 p.

Ways to decrease the expenditure of electric cables. M. I. Gorilovskii. Avtom., telem. i sviaz' 6 no. 3:18-20 Mr '62.

ELECTRIC RELAYS

Alekhin, K. A., and D. M. Zektser. [Code dispatching relays] Kodovye dispetcherskie rele. Moskva, Gos. energ. izd-vo, 1961. 151 p. (Biblioteka po avtomatike, no. 47)

ELECTRIC RELAYS (Continued)

Differential relay without an operating coil for the protection of power transformers with multiple windings A D Diozdov, L M Loganchuk Elek sta 33 no 1 65-68 J '62

For devices used in military automatic control systems. P. Ivanov. Voen. vest 41 no 2:105-107 F '62.

New KUDR-5B relays Avtom., telem. i sviaz' 6 no 3: 16 Mr '62.

Plank for fastening interchangeable relay plates V P. Sychev. Avtom., telem. i sviaz' 6 no. 3 37 Mr '62.

Photorelay equipped with a germanium phototriode K.M. Kiselevets and others. Avtom. i prib no 1 59-62 Ja-Mr '62.

A small neutral relay with a thermal switch P N Shilkhov Avtom., telem. i sviaz' 6 no 2 41 F '62

We are repairing the contactors of transmitter relays R. V. Ageev Avtom., telem. i sviaz' 6 no 3 34-35 Mr '62.

ELECTRIC RELAYS—TESTING

Improvement of the ICh-1 instrument kit. G. N. Shvartshtein, V. B. Ozerov Avtom., telem. i sviaz' 6 no 3 38 Mr '62.

ELECTRIC RESISTANCE

Temperature dependence of the electric conductivity of solids. N. N Sirota Dokl AN SSSR 143 no 3:567-569 Mr '62.

Temperature relation of the heat conductivity and the electric resistivity of 45 steel with various porosity V. G. Mikriukov Metalloved. i term obr met. no. 2: 52 F '62.

ELECTRIC RESONATORS

Bilateral evaluations of the national frequencies of hollow electromagnetic cavities with anisotropic nonhomogeneous medium V. V. Nikol'skii Radiotekh. i elektron. 7 no 4:601-610 Ap '62

Interaction of closed electron beams with an electromagnetic field in hollow cavities. A. V. Gaponov, V. K. Ul'patov. Radiotekh i elektron 7 no. 4:631-642 Ap '62

Open (disc) resonator V M Klementiev Izv Sib otd AN SSSR no. 12 98-101 '61

ELECTRIC SHIP PROPULSION see Ship propulsion, Electric

ELECTRIC SPARK

Problems in obtaining a "sliding vacuum spark." T IA. Sena, A G Stasenko. Prib. i tekh eksp 7 no. 1 167-169 Ja-F '62.

ELECTRIC SUBSTATIONS

Certain cases of the faulty operation of DFZ-2 high-frequency differential-phase protection. E S Iglitskii Elek sta 33 no 2 93-94 F '62

Concerning a certain possibility for automating unattended single-transformer substations with limited power output and electric cutouts in the output feeder lines. S. M. Rozhavskii, A. V Ivanenko, V. A. Mukhova. Izv. vys. ucheb. zav. energ. 5 no 2:12-13 F '62.

Concerning V. M. Popov's article "Use of a phase method for repairing power transmission lines and electrical equipment of substations." B N. Pganov Elek sta 33 no 1.88-89 Ja '62.

Standardization of the structural designs of 35 and 110 kv. outdoor power distribution systems V. V. Kozhurinov and others Elek sta. 33 no 1 45-51 Ja '62

Step-down substations for 110 kv with cutouts at the higher voltage end I S. Batkhon. Elek sta 33 no 2 87-92 F '62

ELECTRIC SUBSTATIONS—MAINTENANCE AND REPAIR

Russia (1917- R. S. F. S. R.) Ministerstvo sel'skogo khoziaistva. [Official republic-wide norms and estimates for building, assembling, and repairing work. Collection VR-4; repair of transformer substations in the electric system of the Rural Power Organization] Vedomstvennye respublikanskie normy i rastsenki na stroitel'nye, montazhnye i remontno-stroitel'nye raboty. Sbornik VR-4: remont transformatornykh podstantsii v elektrosetiakh Sel'energo. Moskva, Izd-vo M-va sel'. khoz. RSFSR, 1961. 20 p.

ELECTRIC SWITCHGEAR

Martynov, E. M. [Noncontact switching devices] Beskontaktnye perekliuchaiushchie ustroistva. Izd. 2., perer. i dop. Moskva, Gos. energ. izd-vo, 1961. 175 p. (Massovaia radiobiblioteka, no. 397)

ELECTRIC TRANSFORMERS

Automatic "on and off" switching of parallel operating transformers A. E. Barron. Prom. energ 17 no. 2: 14-15 F '62

Calculation and design of pulse transformers for operation in transistor circuits. O. S. Potunaev Vych. tekh no 2 21-38 '61.

Calculation of the parameters of a static number converter during the starting operation of an electric motor. G. A. Venderovich. Izv. vys. ucheb. zav., elektromekh. 5 no. 2.235-237 '62.

Concerning the permissible overloads in transformers with aluminum windings. Elek sta 33 no. 1 92 Ja '62

Conditions for the efficient operation of electric transformers in municipal electric power distribution networks P G Grudinskii, R. IA Fedosenko Elek sta 33 no 2 15-19 F '62

Differential relay without an operating coil for the protection of power transformers with multiple windings A D Diozdov, L M Loganchuk Elek. sta 33 no 1 65-65 J. '62

Electric transformers with aluminum windings and increased overload rating. K K Baladhov, V V Funtiov Izv. vys. ucheb. zav., elektromekh 5 no 2 168-176 '62.

Evaluation of the unbalance currents in the differential protection of electric transformers O V Suslov Elek sta 33 no 1 87 Ja '62

Heavy-duty insulation of low-voltage transformers E. I. Slavianinova Vest elektroprom. 33 no 3 52-55 Mr '62

Likhtkind, M S [Transformer-generated higher harmonics] Vysshie garmoniki, generiruemye transformatorami. Moskva, Izd-vo Akad. nauk SSSR, 1962. 100 p.

Parameters of small-sized DT-0, 2-500 and DT-0, 6-500 choke transformers F A. Krumin, G A Stempkovskii Avtom., telem i sviaz' 6 no 2 10-11 F '62

Problem concerning the transmission of electric power from the primary winding of a static frequency doubler to the second winding. S V. Pokrovskii, Izv vys ucheb. zav., elektromekh. 5 no 2 221-228 '62

Use of model power transformers with moist insulation for studying voltage redistribution. V. V Puchkovskii, IU I Bannikov. Elek sta 33 no 1 55-57 Ja '62

ELECTRIC TRANSFORMERS—FOUNDATIONS

Discussing N. N Bellakov's article "Simplified foundations for 110/35/10(6) kilowatt transformers." S A Kudriashov Prom energ 17 no 2.51 F '62

ELECTRIC TRANSFORMERS—WINDINGS

Determination of the permissible degree of moistening of transformer insulation V I Zverdkin, G B Izraelit, M G. Loitsianskaia Elek sta 33 no 1 51-54 Ja '62

ELECTRIC UTILITIES see subdivision under Europe, Western

ELECTRIC VALVES see Electric current rectifiers

ELECTRIC VEHICLES

Isaev, A. S. [Electricity and transportation; from the history of electric railroads and ground trackless electric transportation] Elektrichestvo i transport, iz istorii elektricheskikh zheleznykh dorog i nazemnogo bezrel'sovogo elektrotransporta [Moskva] Mosk. rabochii, 1961. 108 p.

ELECTRIC WELDING

Automatic butt welding with suspended split electrodes and without manual backup welding. D. P. Lebed', V. M. Vorob'ev, V. S. Sidoruk. Avtom. svar. 15 no 4: 78-81 Ap '62.

Automatic control system for parallel operating welding units depending on the loads in buses. V. L. Ryzhik, A. L. Bravo, I. M. Eigenbrot. Avtom. i prib. no. 1:12-18 Ja-Mr '62.

Carbon monoxide helps welding G Nikolaev Sov profsoiuzy 18 no 5 19 Mr '62

Device for feeding the arc with stabilized current. E. M Eelbian, IU. I Drabovich. Svar. proizv. no. 1 7-9 Ja '62.

Electrons solder metals V Lutsenko Nauka i zhyttia 11 no 2 27 F '62

Heat cycle in electric slag welding. B. A. Kokh. Svar. proizv. no. 1 1-4 Ja '62.

Khrustalev, L. IA. [Automatic arc welding and hard facing] Avtomaticheskaia dugovaia svarka i naplavka. Moskva, Mashgiz, 1961. 43 p. (Nauchno-populiarnaia biblioteka rabochego-svarshchika, no. 11)

New ceramic magnetizing fluxes V. P. Zviagintsev. Svar. proizv. no. 1 23-24 Ja '62.

Preheating the electrodes to increase the welding productivity. D. K. Bezbakh. Avtom. svar. 15 no. 4 33-38 Ap '62.

Remote control of the welding current. I. N. Vornovitskii, V. M. IAmpol'skii. Svar. proizv. no. 1 33 Ja '62.

Stability of the short arc welding process in an atmosphere of carbon dioxide. N. G. Diugerov, IU. L. Ishchenko. Svar. proizv. no. 1 5-7 Ja '62.

Stabilization of the electric slag process. G Z. Voloshkevich. Avtom. svar. 15 no. 4: 1-5 Ap '62.

ELECTRIC WELDING—EQUIPMENT AND SUPPLIES

Automatic single arc welding under flux with an electrode filler rod. N. E. Kokhanovskii. Avtom. svar. 15 no. 4: 73-77 Ap '62.

Automatic welding of intricately shaped parts with the help of a master form. I. F. Kozlov. Avtom. svar. 15 no. 4: 71-72 Ap '62.

Fishkein, N. B. [Electrodes and fluxes for arc welding] Elektrody i flusy dlia dugovoi svarki. Moskva, Mashgiz, 1961. 59 p. (Nauchno-populiarnaia biblioteka rabochego-svarshchika, no. 9)

Switching of a PSM-1000 welding transformer for automatic welding under flux. P. A. IUzhalin. Svar. proizv. no. 1 33-34 Ja '62.

ELECTRIC WIRING—SAFETY MEASURES

Levi, S. S. [Guide to safety techniques for an electrician in construction work] Pamiatka po tekhnike bezopasnosti dlia elektrosleseriana stroitel'stve. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit materialam, 1961 21 p. (Tekhnika bezopasnosti)

ELECTRICITY

Biazdziunas, Povilas [General physics] Bendroji fizika Vilnius, Valstybine Politines ir mokslines literaturos leidykla. [In Lithuanian]
Pt 2 [Electricity and electromagnetism] Elektra ir elektromagnetizmas. Redagavo V. Vanagas 1961 405 p.

ELECTRICITY—PHYSIOLOGICAL EFFECT

Effect of direct current poles on conditioned reflexes in dogs (extinctive inhibition) N. P. Movchan Trudy Len ob-va est 72 no 1 115-118 '61

Influence of ultra-high frequency currents on protein fractions of the blood serum [with summary in English] R. G Singatullina. Biul. eksp biol i med 52 no 7: 69-72 Jl '61

ELECTRICITY IN AGRICULTURE
(see also subdivision under Lithuania)

Haiduk, V. M., and M. F. Sahach. [Thermoelectric systems in agriculture] Elektroteplovi sil's'kohospodars'ki ustanovky. Kyiv, Derzh. vyd-vo sil's'kohospodars'koi lit-ry URSR, 1961. 138 p.
(DA)

Listov, P. N. [Use of electric power in agriculture] Primenenie elektricheskoi energii v sel'skom khoziaistve Izd. 2., ispr. i dop Moskva, Izd-vo sel'khoz lit-ry, zhurnalov i plakatov, 1961. 407 p.
(DA)

ELECTRICITY IN MINING

[Handbook for the operator and mechanic of open-pit mine equipment] Spravochnik mekhanika ugol'nogo kar'era Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961 639 p

Neutral line performance of transformers in open pit mining V I Timonich. Prom energ 17 no 2:15-17 F '62

ELECTRICITY IN MINING—SAFETY MEASURES

Quick-acting leakage prevention in mine electric networks IU. M. Murzin. Bezop truda v prom 6 no 3. 23 Mr '62

ELECTRICITY ON SHIPS

Automatic distribution of reactive loads between two marine synchronous generators operating in parallel P S Koshcheev Trudy LIVT no 9 7-19 '60

Graphic and analytical method of calculating electric drives with curvilinear characteristics N N Tarkhov Trudy LIVT no 9 20-28 '60

Zherlakov, A. V. [Electric navigation instruments] Elektronavigatsionnye pribory. [By] I. A. Blinov i dr. Moskva, Izd-vo "Morskoi transport," 1960. 674 p.

ELECTRICITY ON SHIPS—BIBLIOGRAPHY see Bibliography—*Electricity on ships*

ELECTRIFICATION
(see also subdivision under Kirghizistan, Tatar A.S.S.R.)

Along the Leninist path in the plan of the State Commission for the Electrification of Russia down to the overall electrification of the country. S. I. Mui ashov, L. M. Bromberg, S. L. Pruzner. Trudy MEI no. 33.5-40 '60.

Beginning of Russia's electrification program. A. A. Glazunov. Trudy MEI no. 33:165-182 '60

The Communist Youth League and electrification. L Novikov Mol. komm. no 4.47-53 Ap '62

Development of electric power systems in the country's electrification plans. V. A. Venikov. Trudy MEI no. *33 139-164 '60.*

The light of Lenin's ideas Sov profsoiuzy 18 no 5 20-21 Mr '62.

Markin, A. B. [An ocean of power; past, present and future of power engineering in the U. S. S. R.] Okean sily; proshloe, nastoiashchee i budushchee energetiki SSSR. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1961, 174 p.

Scientific and technological problems encountered in carrying out Lenin's ideas on electrification Elek sta 33 no. 1.2-5 Ja '62

ELECTRIFICATION OF RAILROADS see Railroads—Electrification

ELECTROCAPILLARY PHENOMENA

Structure of a double electric layer at the metal - slag boundary IU. P. Nikitin. Trudy Ural politekh inst. no. 93.44-55 '59.

ELECTROCARDIOGRAPHY

Changes in the electrocardiograms of patients with mitral stenosis prior to and following mitral commissurotomy [with summary in English]. B. M. Kogan. Grud. khir 1 no. 3:13-21 My-Je '59.

ELECTROCARDIOGRAPHY (Continued)

Clinical picture and characteristics of the electrocardiogram in influenzal myocarditis [with summary in English] Liubomir Rusev, Georgi Nikolov Klin med no 1 88 95 '62

Dynamic electrocardiographic observations during the treatment of chronic circulatory insufficiency using a new cardiac glycoside, corchorizide [with summary in English] N G Belostochnaia Terap.arkh 34 no.3 40-46 '62.

Dynamics of cardiac activity and of the P wave in the electrocardiogram during excitation of the vagus nerve after disruption of inhibition [with summary in English] A. I. Smirnov, S. V Tolova, T. N Kovaleva. Biul eksp biol i med 52 no 11 7-13 N '61

Effect of various rhythms in electrical stimulation of the ventricles of the heart [with summary in English L. S Ulianinskii Biul eksp biol i med 52 no 11 13-17 N '61

Hemodynamic and electrocardiographic changes during surgery on the thoracic aorta in an experiment [with summary in English] O K Skobelkin Grud khir 3 no 6 52-57 N-D '61

Late results of mitral commissurotomy in the light of electrocardiographic data [with summary in English] N. A. Pastukhov Grud khir. 2 no 3:19-24 My-Je '60

Relation of the systolic index of the electrocardiogram to ballistocardiographic data characterizing the contractile function of the myocardium. IA I Zolotnitskii Terap arkh 31 no 2 44-46 '62.

Rheographic diagnosis of sinistroventricular and dextroventricular insufficiency IU T Pushkar' Kardiologiia 1 no 3 84-85 My-Je '61

Topographic value of precardiac leads in rheumatic defects of the heart P L Gladyshev Sov med 25 no 2 34-37 F '62

ELECTROCHEMISTRY

Anodic dissolution of chalcopyrite in aqueous solutions. N I LAgn, V G Sokolova Zap Vses min ob-va, 91 no 1 30-37 '62

Determination of polarization voltage in fused salts by Drosbach's method IU. K. Delimarskii, A V Chetverikov. Ukr. khim zhur 28 no 2 167-171 '62.

Effect of anions on the kinetics of metal dissolution IA M Kolotyrkin Usp khim 31 no 3 322-335 Mr '62

Electrochemical properties and the structure of molten slag O A. Esin Trud, Ural politekh inst no 93 5-27 '59

Mixed electrode functions of platinum and other metals in fused salts A A. Kolotii Ukr khim zhur 28 no 2 188-192 '62

ELECTRODEPOSITION OF METALS see Electroplating

ELECTRODES

New metallurgical characteristics of electrodes with plastic coverings. A G. Mazel', E. M. Rogova, Svar proizv. no.1:10-12 Ja '62.

ELECTRODES, GLASS

Effect of boric anhydride on the electrode behavior of simple sodium silicate glasses [with summary in English] M M Shults, A. A Belnustin Vest LGU 17 no 4 135-142 '62

ELECTRODES, MERCURY

Reduction of methylene iodide on a mercury cathode. I' K Andriushchenko, V V Orekhova Ukr khim zhur. 28 no 2 269-270 '62

ELECTRODES, PLATINUM

Mixed electrode functions of platinum and other metals in fused salts A A kolotii. Ukr khim zhur. 28 no 2: 188-192 '62

Oxidation of thiourea on a rotating platinum anode. N. N. Kuz'mina, O. A. Songina. Izv. vys. ucheb. zav., khim i khim tekh 4 no 6:928-935 '61

ELECTROENCEPHALOGRAPHY

Alpha index and the balance of the basic nervous processes V D. Nebylitsyn Dokl APN 5 no 6 85-88 '61

Change in the bioelectric activity of the brain in infants in response to rhythmic light stimulation [with summary in English] N. S Mirzoiants. Zhur. vys nerv delat 11 no 6 1005-1011 N-D '61

Chudnovskii, V. S. [Electroencephalographic studies in a psychiatric clinic] Elektroentsefalograficheskie issledovaniia v klinike psikhicheskikh zabolevanii. Pod red. L. L. Rokhlina. Moskva, M-vo zdravookhraneniia RSFSR, 1960. 77 p (DNLM)

Effect of functional disorder of the sympathoadrenal system on the electrical activity of the brain. R B. Kundakbaeva. Zdrav. Kazakh. 22 no. 1:54-56 '62.

Effect of injury to the diencephalon and mesencephalon on the electrical activity of the cerebrum in pigeons [with summary in English] M. G. Belekhova Biul eksp. biol. i med 53 no. 2 31-35 F '62

Electrical activity of the reticular formation of the midbrain of a rabbit during the formation of a dominant focus in the cerebral cortex [with summary in English] P. I Kalinin, A. A Sokolova. Zhur vys nerv. delat 11 no 6 1112-1119 N-D '61

Electroencephalographic changes following the administration of small doses of adrenaline to healthy subjects and to patients with disorders of the hypothalamic formation [with summary in French] L P Latash Zhur nevr i psikh 61 no 8 1168-1175 '61

Electroencephalographic study of the reaction of rhythm assimilation during the application of coupled light stimuli [with summary in English]. I. G Makarova Biul eksp biol i med 52 no 11.5-7 N '61.

Electroencephalography in modern anesthesia [with summary in English] S. N. Efuni Grud khir 1 no 3. 102-107 My-Je '59

Electrophysiological study of the cerebral cortex of healthy subjects and patients with chronic alcoholism acting through the first and second signaling systems in the course of a hypnotic state [with summary in French] I. V Strel'chuk, A. M Melekhova Zhur nevr i psikh. 62 no 3 428-439 '62

Electrophysiological study of the state of the central nervous system in experimental brucellosis [with summary in English] I I Pollakov, K M Mokhin Biul eksp biol i med 53 no 2 52-57 F '62

New EFS-01 photostimulator. I. F. Sochivko and others Med prom 16 no 1.57-59 Ja '62

Some data on the depression of α-rhythm as an electrographic expression of basic neural processes [with summary in English] M P Ivanova Biul eksp biol. i med 53 no. 2 27-31 F '62

Some electroencephalographic indices of stability in nervous processes. V D. Nebylitsyn Dokl APN 5 no. 4:115-120 '61.

Some mechanisms in the activation and suppression of epileptic seizures [with summary in French] E. Atsev Zhur. nevr i psikh. 62 no. 3:384-393 '62

ELECTROENCEPHALOGRAPHY—EQUIPMENT AND SUPPLIES

Headpiece for the electrodes registering the electroencephalograms in severely ill patients Cali Cristian Vop neirokhir no 2 42-43 '62

ELECTROFORMING

Electrodeposition of lead-thallium alloys N V Korovin, IU A Velichko, G S Konstantinova Sbor nauch. trud GINTSVETMET no 33 100-104 '60

Electroforming of nickel-cobalt alloy inserts for casting and pressing plastic products V I Lainer, IU A Velichko Sbor nauch trud GINTSVETMET no. 33 405-420 '60

ELECTROKYMOGRAPHY

Electrokymograms of patients with rheumatic mitral and aortic lesions [with summary in English] ID. I. Aslimov Kardiologiia 1 no 3 58-72 My-Je '61

Electrokymographic study of the changes in the pulmonary circulation in lung cancer [with summary in English] S. IA. Marmorshtein. Vest rent i rad 37 no. 1,10-16 Ja-F '62.

Electrokymographic study of the contractile function of the myocardium in rheumatism K. V Chernetskii. Terap. arkh. 34 no. 2 47-51 '62.

External respiratory function in the electrokymographic picture following pneumonectomy [with summary in English] E E. Abarbanel' Vest. rent. i rad. 37 no. 1:3-10 Ja-F '62.

Principles and methods of electrokymography [with summary in English]. K. A. Kosharko Vest rent i rad 37 no 1.17-23 Ja-F '62.

ELECTROLYSIS

Anode processes in the electrolysis of carboxylic monoester salts M. IA. Fioshin, G. P. Girina. Dokl. AN SSSR 143 no. 2.384-387 Mr '62

Autocatalytic mechanism of electrode processes in nonbuffer solutions of lanthanum chloride S. I. Zhdanov. Dokl. AN SSSR 143 no 4 902-904 Ap '62

Effect of electrolysis on the turbulence, friction and cavitation. A. E. Dol'nikov. Sbor. trud. Lab. gidr. mash. no. 9:164-167 '61.

On the problem of hydrogen overvoltage. M T. Kozlovskii. Vest. AN Kazakh. SSR 17 no 12 81-82 D '61.

Overvoltage in the liberation of hydrogen. P. V Sergeev. Vest. AN Kazakh. SSR 17 no. 12 83-87 D '61.

Simultaneous electrolytic separation of chlorine and oxygen from neutral and alkaline solutions of potassium chloride. V. M. Blavatnik, G. A. TSyganov. Uzb. khim. zhur. 6 no. 1:39-44 '62.

ELECTROLYSIS—EQUIPMENT AND SUPPLIES

Effect of physicochemical processes taking place in the carbon lining of an electrolytic cell, on the deformation of the cathode casing. M. B. Rapoport, V. N. Samoilenko, I. M. Maltseva. Izv. vys. ucheb. zav., tsvet. met. 5 no. 2.81-87 '62.

ELECTROLYSIS IN MEDICINE

Electrolyte metabolism in circulatory insufficiency during the treatment with novurit, hypothiazide and fonurit; preliminary report [with summary in English]. A. IU. Shcheglov. Terap. arkh. 34 no. 3:35-40 '62.

ELECTROLYTE SOLUTIONS

Close interaction of ions in solutions. IU M. Kessler, IU. M Povarov, A I. Gorbanev. Zhur. struk. khim. 3 no. 1:93-94 Ja-F '62.

Limits of applicability of the Debye-Hückel theory. IU. V. Gurikov. Zhur. struk. khim. 3 no.1 10-11 Ja-F '62

Relation between the dielectric constant of the solvent and the viscosity of electrolyte solutions Part I. Systems Agl: Al_2Br_6 - $CoBr_6$ and Agl: Al_2Br_6 - $CoBr_6$. P. A Gorenbein, P. I Smolintsev Ukr. khim. zhur. 28 no 2 185-187 '62.

ELECTROLYTE SOLUTIONS—SPECTRA

Nature of widening of superfine components in electron paramagnetic resonance spectra of paramagnetic solutions B M Kozyrev, A I Rivkind Zhur struk khim 3 no 1 95 Ja-F '62

ELECTROLYTES

Purification of nickel and copper plating electrolytes by the separation method. K N Khmelianova and others Khim mash no 2 23-26 Mr.-Ap '62.

Recovery of mixed ferrocyanides of heavy metals from their hydrosols in colloidal solutions by the coagulation method. Part 2. Effect of electrolyte addition L. D. Skrylev, V. I. Borisikhina, S. G. Mokrushin Izv. vys. ucheb. zav. khim. i khim. tekh 4 no 6.968-970 '61

ELECTROLYTIC REDUCTION see Reduction, Electrolytic

ELECTROMAGNETIC PROSPECTING

Apparatus with frequency accumulation and conversion for electromagnetic frequency sounding. IU. V. Khomutinnikov Prikl geofiz no 31 179-192 '61.

Interpretation in multifrequency inductive electric prospecting A. B. Velikin, G. S. Frantov, S. M. Shekhtman Prikl. geofiz no 31.169-178 '61

Magnetotelluric field in a horizontally inhomogeneous medium. M. N. Berdichevskii. Prikl geofi. no 31. 136-161 '61.

ELECTROMAGNETIC THEORY

Magnetic properties of paramagnetic "fluids" of the molecular chain type [with summary in English]. V. L Ginzburg, V. M. Fain. Zhur. eksp i teor. fiz. 41 no. 1 183-190 Ja '62.

Nikol'skii, V. V. [Electromagnetic field theory] Teoriia elektromagnitnogo polia. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 370 p. [MICROFILM]

ELECTROMAGNETIC WAVES

Dispersion equation of a helically conducting cylinder with excited transverse cross section. A. I Shtyrov, T. I' Martianova Radiotekh. i elektron. 7 no. 4:714-716 Ap '62

Electromagnetic waves in a medium having a continuous energy spectrum [with summary in English]. Part 2 V. S. Mashkevich. Zhur. eksp. i teor. fiz 42 no 1:138-143 Ja '62

Propagation of a radio pulse above plane homogeneous earth G. N. Krylov. Radiotekh. i elektron. 7 no 4: 579-589 Ap '62.

Propagation of electromagnetic waves in a plasma transversely to an external magnetic field III N Buneevskii, D. P Kostomarov Zhur vych mat i mat fiz 2 no 1 97-106 Ja-F '62.

Somenov, A. A. [Theory of electromagnetic waves; lecture course for radio physicists] Teoriia elektromagnitnykh voln; lektsionnyi kurs dlia radiofizikov [Moskva] Izd-vo Mosk. univ., 1962. 235 p.

Studying the electric conductivity of a flame by the microwave method [with summary in English]. I. M. Zhuin, V. A. Popov. Inzh.-fiz. zhur. 5 no. 3:66-71 Mr '62.

ELECTROMAGNETISM

Determining the Curie point. A. Sh. Farshatov. Fiz v shkole 22 no. 1:68-70 Ja-F '62.

Galvanomagnetic properties of terbium, dysprosium and holmium K P. Belov, S. A. Nikitin. Fiz metal i metalloved. 13 no 1 43-48 Ja '62

ELECTROMECHANICAL ANALOGIES

Certain problems concerning the design of the control networks of automated electric simulating devices. I. M. Vitenberg. Vych. tekh. no. 1:37-47 '60.

Concerning certain applicational possibilities of time delay blocks. P N. Kopat-Gora Vych. tekh no 2 51 '61

Possibility of using a magnetic drum in electric simulating devices with automated search of the solution I M Vitenberg. Vych tekh. no. 2:58-72 '61

ELECTROMECHANICAL ANALOGIES—BIBLIOGRAPHY see Bibliography—Electromechanical analogies

ELECTROMETALLURGY
(see also subdivision under Novokuznetsk)

Melting an electric arc furnace charge mixture with coal gypsum briquets. D. I. Lisovskii, A IA Mikhailenko Sbor. nauch. trud. GINTSVETMET no. 33.67-82 '60

ELECTROMOTIVE FORCE

Determining the source of electromotive force by compensation method. V. M. Pereverzev. Fiz. v shkole 22 no 1:71 Ja-F '62.

ELECTROMOTIVE FORCE (Continued)

Determining water activity in slag by electrochemical methods L. N. Barmin, O. A. Esin, S. K. Chuchmarev. Trudy Ural. politekh. inst. no. 93 28-38 '59.

Study of chemical potentials of components of ternary water - salt solutions. Part 1. Method for calculating chemical potentials. $BaCl_2$ - HCl - H_2O system at 25° C [with summary in English]. V. I. Timofeev. Vest. LGU 17 no. 4 115-121 '62.

ELECTROMYOGRAPHY

Characteristics of respiration regulation after some surgical interventions on the chest (Electromyographic study) [with summary in English]. I. A. Panchenko. Biul. eksp. biol. i med. 52 no. 11:27-30 N '61.

Electrical activity of human muscles in some neuroinfections [with summary in French]. Iu. S. Usevich. Zhur. nevr. i psikh. 62 no. 3:371-379 '62.

Functional changes in the human peripheral motor apparatus in the pain syndrome [with summary in English]. I. N. Pankova. Biul. eksp. biol. i med. 53 no. 2 56-61 F '62.

Nonuniform changes in the electrical activity of the respiratory muscles in experimental injuries of the peritoneum (Problem of segmental reactions of the respiratory muscle) [with summary in English]. T. I. Gorina-nova. Biul. eksp. biol. i med. 52 no. 11,30-35 N '61.

ELECTRON BEAMS

Interaction of closed electron beams with an electromagnetic field in hollow cavities. A. V. Gaponov, V. K. Iliatov. Radiotekh. i elektron. 7 no. 4,631-642 Ap '62.

ELECTRON DIFFRACTION EXAMINATION

Electron diffraction study of the structure of molecules of trivalent nitrogen compounds: dimethylformamide and N-methylpyrrole. L. V. Vilkov, P. A. Akishin, V. M. Pryanikova. Zhur. struk. khim. 3 no. 1:5-9 Ja-F '62.

Electronographic investigation of the substructure of thin films of aluminum, silver, and gold condensed in vacuum. I. S. Palatnik and others. Fiz. met. i metalloved. 13 no. 1 71-76 Ja '62.

ELECTRON MICROSCOPE

Electron microscope study of the actinophages in a lysogenic Act. erythreum culture [with summary in English]. IA. I. Routenshtein, A. S. Tikhonenko, V. I. Retinskaia. Mikrobiologiia. 31 no. 1 49-54 Ja-F '62.

Physicochemical and electron microscope characteristics of aluminum hydroxide as a depositing substance prepared by various methods [with summary in English]. N. N. Vasil'ev, A. A. Vorob'ev. Zhur. mikrobiol., epid. i immun. 33 no. 2 73-77 F '62.

Plate holder for the UEM-100 electron microscope. V. V. Andrianshchenko. Zav. lab. 28 no. 2 230 '62.

ELECTRON MICROSCOPY

Electron microscope study of the supermolecular structure of poly-γ-benzyl-L-glutamate. P. V. Kozlov and others. Dokl. AN SSSR 143 no. 4:905-907 Ap '62.

Electron microscopy of a dislocation structure in alpha-iron. I. G. Orlov. Fiz. met. i metalloved. 13 no. 2:288-293 '62.

Electron microscopy on the fatigue of St. 10 and EIAT steels. V. S. Ivanova, E. S. Kodiakina. Metalloved. i term. obr. met. no. 2:32-34 F '62.

Exchange of experience. Zav. lab. 28 no. 2,207-208 '62.

Pokhov, A. P. [Deep into the invisible world, electron microscopy in microbes] V glub' nevidimogo mira, elektronnaia mikroskopiia mikrobov. Moskva, Izd-vo "Znanie," 1962. 30 p. (Novoe v zhizni, nauke, tekhnike. Seriia 6: Biologiia i meditsina, no. 2)

Self-shadowed carbon replicas of cross-sectional views of mineral aggregates. G. S. Gritsaenko, N. D. Samotoin. Zap. Vses. min. ob-va. 91 no. 1:84-88 '62.

Ultrasonic dispersing device for preparing samples for electron microscopy. B. G. Golodaev. Zav. lab. 28 no. 2 230-231 '62.

ELECTRON MULTIPLIERS see Photoelectric multipliers

ELECTRON OPTICS

High-intensity electron-optical system for spectral studies of a plasma. M. M. Butslov, A. G. Plakhov, V. V. Shapkin. Opt. i spektr. 12 no. 3:419-423 Mr '62.

ELECTRON-TUBE OSCILLATORS see Oscillators, Electron-tube

ELECTRON TUBES

Measuring the grid temperature of electron tubes according to changes in resistance. L. A. Dudnik, E. B. Perchik. Izv. vuz. fiz. zhur. 5 no. 3:110-112 Mr '62.

Relaxation oscillations caused by current redistribution in tubes with secondary electron emission. O. S. Kolotov. Radiotekh. i elektron. 7 no. 4:720-721 Ap '62.

ELECTRON TUBES—TESTING

Elatomtsev, V. I. [Universal measuring device with a transistor and electron-tube tester] Universal'nyi izmeritel'nyi pribor s ispytatelem radiolamp i tranzistorov. Moskva, Gos. energ. izd-vo, 1961. 39 p. (Massovaia radiobiblioteka, no. 410)

ELECTRONIC AMPLIFIERS see Amplifiers (Electronics)

ELECTRONIC ANALOG COMPUTERS

Automatic instruments for calculating and plotting charged particle paths, survey. G. E. Levin, G. P. Prudkovskii. Prib. i tekh. eksp. 7 no. 1 7-19 Ja-F '62.

Concerning certain logical potentials of the automated MN-11 electronic model searching for a solution under complex conditions. E. A. Erokhin. Vych. tekh. no. 2 73-87 '61.

Programming problems on plate bending for the Strela computer. B. IA. Kantor. Sbor. trud. Lab. gidr. mash. no. 9 64-68 '61.

Statistical electron theory of the interfacial energy of metals at the crystal - melt boundary. S. N. Zadumkin. Fiz. met. i metalloved. 13 no. 1 21-32 Ja '62.

Using electronic computers in the solution of the biharmonic problems [with summary in English]. M. I. Dlugach, A. I. Shynkar'. Prykl. mekh. 8 no. 2 160-173 '62.

ELECTRONIC ANALOG COMPUTERS—BIBLIOGRAPHY see Bibliography—Electronic analog computers

ELECTRONIC APPARATUS AND APPLIANCES

International conference on nuclear electronics in Belgrad in 1961, review of reports. V. G. Brovchenko, G. I. Zabiakin. Prib. i tekh. eksp. 7 no. 1 202-206 Ja-F '62.

Radchenko, L. A. [Ultrasonic techniques in the manufacture of electronic devices, a survey] Ul'trazvukovye metody v tekhnologii proizvodstva elektronnykh priborov; obzor. Leningrad, 1961. 69 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Seriia: Elektricheskie metody obrabotki materialov)

Type ELRU-2 electronic logical recording systems. Prom. energ. 17 no. 2:41 F '62.

ELECTRONIC BRAINS see Electronic calculating machines

ELECTRONIC CALCULTAING MACHINES

Arithmetical device of a computer. G. N. Solov'ev. Vych. tekh. no. 1:13-23 '60.

Certain problems concerning the design of the control networks of automated electric stimulating devices. I. M. Vitenberg. Vych. tekh. no. 1:37-47 '60.

Circuit for decreasing the time of multiplication operations. IA. A. Khetagurov. Vych. tekh. no. 1:48-52 '60.

Concerning certain applicational possibilities of time delay blocks. P. N. Kopal-Gora. Vych. tekh. no. 2 51-55 '61.

Conference on problems concerning the M-3 computer. I. Petersen, A. Reitsakas. Izv. AN Est. SSR. Ser. fiz.-mat. i tekh. nauk no. 1:76 '62.

Contribution of mathematics to the national economy. S. Ptimov. Nauka i zhizn' 29 no. 2 20-21 F '62.

Controlled resetting system of the recording counter of the "Ural" electronic computer. S. V. Konstantinov. Avtom. i prib. no. 1:38 Ja-Mr '62.

Data input and output in the electronic computer "Ural" by means of the ST-A equipment. E. V. Malinovskii, A. L. Gladysh, L. A. Kalinichenko. Avtom. i prib. no. 1:35-38 Ja-Mr '62.

Experience in the teaching of a machine to distinguish visual images [with summary in English]. E. M. Braverman. Avtom. i telem. 23 no. 3 349-364 Mr '62.

Machine plays chess. IU. M. Bezborodov, V. B. Orlov. Mat. pros. no. 6 139-161 '61.

New principles for constructing the unilateral memory of electronic computers. V. M. Glushkov, V. P. Derkach. Avtom. i prib. no. 1 26-29 Ja-Mr '62.

New system of programing the performance of gas cutting machines. IU. V. Kurlovich. Svar. proizv. no. 1 19-22 Ja '62.

[Problems of computer engineering; uses of machinery, systems, and components] Voprosy vychislitel'noi tekhniki; mashiny, ustroistva, elementy i ikh primenenie. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1961. 182 p.

Use of computers with discrete action for calculating the surface effect in a ferromagnetic tape with a rectangular hysteresis loop and viscosity. T. A. Tatur. Izv. vys. ucheb. zav.; elektromekh. 5 no. 2:128-136 '62.

ELECTRONIC CALCULATING MACHINES—INPUT-OUTPUT EQUIPMENT

Use of ferrite cores with rectangular hysteresis loops in noncontact printing devices. A. K. Romanov. Avtom. kont. i elek. izm. no. 2:123-136 '60.

ELECTRONIC CONTROL

Excitation regulation with consideration of the slippage and acceleration of synchronous machines. S. M. Kamynin. Vest. elektroprom. 33 no. 3:36-40 Mr '62.

ELECTRONIC CONTROL—REMOTE see Remote control

ELECTRONIC DATA PROCESSING—ECONOMICS

T'Sypkin, IA. Z., and B. N. Mikhalevskii, ed. [Control processes in the models of economic systems. Translated articles] Protsessy regulirovaniia v modeliakh ekonomicheskikh sistem; sbornik statei. Moskva, Izd-vo inostr. lit-ry, 1961. 292 p.

ELECTRONIC DIFFERENTIAL ANALYZERS

Possibility of using a magnetic drum in electric simulating devices with automated search of the solution. I. M. Vitenberg. Vych. tekh. no. 2:50-72 '61.

Problem concerning the tracking integrator of a digital differential analyzer. G. P. Zhidkov. Vych. tekh. no. 1 53-55 '60.

ELECTRONIC DIGITAL COMPUTERS

Algorithm for the solution of three power engineering problems using an electronic digital computer. E. V. TSvetkov. Izv. AN SSSR Otd. tekh. nauk Energ. i avtom. no. 1 54-62 Ja-F '62.

Automatic device for the input of graphs into digital computers. V. A. Kovalevskii, L. T. Parkhomenko. Avtom. i prib. no. 1 44-47 Ja-Mr '62.

Computation of several categories of quotients as a possible method for rapid division on digital computers. IU. P. Rudnev. Avtom. i prib. no. 1:30-35 Ja-Mr '62.

Digital recording system with incandescent lamps for operating in scaler circuits. IU. A. Shabola, L. P. Voitiuk. Avtom. i prib. no. 1,38-40 Ja-Mr '62.

Evaluation of the efficiency of digital computers and calculation of the performance speed of their devices. E. I. Mamonov. Vych. tekh. no. 2 8-20 '61.

Problems concerning the design of a control device for a digital computer. I. O. Atovmian. Vych. tekh. no. 1 5-12 '60.

Quantitative geological interpretation of complex magnetic anomalies on electronic digital computers. S. V. Shalaev. Prikl. geofiz. no. 31 193-203 '61.

Transistor amplifying cells for digital computers. S. S. Zabara, E. F. Kolotushchenko, N. N. Pavlov. Avtom. i prib. no. 1 40-44 Ja-Mr '62.

ELECTRONIC EQUIPMENT, MINIATURE see Miniature electronic equipment

ELECTRONIC INSTRUMENTS

(See also subdivision under Denmark)

Device for measuring secondary radio-emission fields and the parameter of reflecting objects in the microwave range. Prib. i tekh. eksp. 7 no. 1 210 Ja-F '62.

The ESP-6 electronic device for precision measurement of the rotative speed, frequencies and time. Prib. i tekh. eksp. 7 no. 1 207 Ja-F '62.

Matrix time analyzer with commutators on storage capacities. A. P. TSitovich, S. K. Sotnikov. Prib. i tekh. eksp. 7 no. 1 78-85 Ja-F '62.

The 256-channel time analyzer with a storage equipment. A. P. TSitovich. Prib. i tekh. eksp. 7 no. 1 65-77 Ja-F '62.

ELECTRONIC MEASUREMENTS

Buldakova, R. I., and V. I. Kiparenko. [Equipment for voltage measurements at high and superhigh frequencies] Apparatura dlia izmerenila napriazhenila na vysokikh i sverkhvysokikh chastotakh. Moskva, Gos. izd-vo standartov, 1961. 61 p.

Elatomtsev, V. I. [Universal measuring device with a transistor and electron-tube tester] Universal'nyi izmeritel'nyi pribor s ispytatelem radiolamp i tranzistorov. Moskva, Gos. energ. izd-vo, 1961. 39 p. (Massovaia radiobiblioteka, no. 410)

Podkuiko, S. I., and A. A. Tiet'lakova. [Measurements in the amplifiers of motion-picture systems] Izmerenila v usilitel'nykh kinoustanovok. Moskva, Gos. izd-vo "Iskusstvo," 1960. 141 p. (Bibliioteka kinomekhanika)

ELECTRONICS

Moscow. Aviatsionnyi institut imeni Sergo Ordzhonikidze. [Handbook on the design of components and systems of automatic control, a manual for the preparation of course and diploma projects] Rukovodstvo po proektirovaniiu elementov i sistem avtomatiki; posobie po kursovomu i diplomnomu proektirovaniiu [By] M. A. Balashov i dr. Pod red. B. N. Petrova. Moskva, Gos. nauchno-tekhn. izd-vo Oborongiz.
No. 4 1961 311 p.

ELECTRONICS—BIBLIOGRAPHY see Bibliography—Electronics

ELECTRONICS IN MEDICINE see Medical electronics

ELECTRONS

Electron density distribution in aluminum arsenide at 20°C and at 100°C. N. N. Sirota, N. M. Olekhnovich. Dokl. AN SSSR 143 no. 2,370-372 Mr '62.

Integral of collisions for a system of particles with Coulomb interaction. V. P. Silin. Fiz. met. i metalloved. 13 no. 2,180-191 '62.

Study of the spectra of autoelectrons emitted by semiconductors. A. G. Zhdan, M. I. Elinson, V. B. Sandomirskii. Radiotekh. i elektron. 7 no. 4:670-686 Ap '62.

ELECTROPHORESIS

Effect of novocaine electrophoresis on the make-up of the peripheral blood in children with rheumatism. F. A. Bogomolova. Azerb. med. zhur. no. 12 23-26 D '61.

Effect of various reagents on the results of electrophoretic and saline fractionation of blood serum proteins [with summary in English]. V. I. Okulov. Vop. med. khim. 7 no. 6,578-585 N-D '61.

Electrophoretic method of studying the blood serum proteins for diagnosing latently active rheumatism. A. V. Pospelova. Kaz. med. zhur. no. 1:72-73 Ja-F '62.

Electrophoretic study of anti-burn sera. M. Z. Rudnitskaia, S. V. Skurkovich. Pat. fiziol. i eksp. terap. 6 no. 1:84-85 Ja-F '62.

ELECTROPHORESIS (Continued)

Electrophoretic study of protein fractions of the blood serum in experimental hyperthyroidism [with summary in English] K F Selivanova. Vop med khim 7 no 3 246-250 My-Je '61

Extraction from agar blocks of a dye bound to a protein [with summary in English]. A. A Miul'berg, I. A Sytinskii. Vop med. khim. 7 no 4 441-442 Jl-Ag '61

ELECTROPHYSIOLOGY

Biological currents control E Arkad'ev Starsh - serzh. no 12,28-29 D '61

Brazier, Mary Agnes Bunniston. [The electrical activity of the nervous system. Translated from the English] Elektricheskaia aktivnost' nervnoi sistemy. Moskva, Izd-vo inostr lit-ry, 1955 215 p. (NNC-M)

Changes in the initial response of the auditory zone of the cerebral cortex and temporary connection [with summary in English] V A Ilmyrin-Novi Fiziol zhur [Ukr.] 7 no 6 745-754 N-D '61.

Effect of anticholinesterase drugs and acetylcholine on the rhythmic electrical activity of the infusoria Opalina ranarum [with summary in English] Kh. S Koshtoiants, N. N Kotina Zhur. ob biol. 23 no 1;74-76 Ja-F '62

Electric response of single neurons of the optic lobes to stimulation by light in frogs L I Mkrtycheva Dokl. AN SSSR 143 no 4 994-996 Ap '62

Electromagnetic fields of the brain. R. M. Granovskaia Trudy Len. ob-va est 72 no 1 111-115 '61

Electrophysiological study of the kinesthetic analyser Report No 1 Space components of movement A S Egorov, IU S Zavhatiants. Dokl APN S no 6 89-92 '61

Reaction of rhythmic transformation in different sections of a pigeon's brain in response to a doubled rhythmic light stimulus V I Gusel'nikov, V. B Poliansk'i. Nauch dokl vys. shkoly, biol. nauki no 1 83-87 '62

Vorontsov, D. S. [General electrophysiology] Obshchaia elektrofiziologiia Moskva, Medgiz, 1961. 487 p.

ELECTROPLATING

Effect of current reversal and other factors on internal stresses in electroplating G T Bakhvalov Sbor nauch trud GINTSVETMET no 33 388-395 '60

Electrodeposition of lead dioxide from alkaline plumbite electrolytes N. B Bakhchisaraitsian, E. A. Dzhafarov Dokl AN Azerb. SSR 17 no 9,785-788 '61

Electrodeposition of tin-germanium and antimony-germanium alloys S I Skliarenko, I I. Lavrov, S V. IAkobson Izv vys ucheb. zav., tsvet met. 5 no. 2 129-131 '62.

Forcing reverse current in electrolytic baths operating on alternating polarity. G N Zaichenko, S F Kuznetsov Sbor nauch trud GINTSVETMET no 33 377-387 '60

Prospects for the use of ethylendiamine in electroplating N. V. Obetrova Sbor nauch trud GINTSVETMET no 33 396-399 '60

ELECTROPLATING—EQUIPMENT AND SUPPLIES

The AG-16 program-controlled multistage electroplating unit M. A. Trzhetsiak, I I. Kovalenko Biul tekh - ekon inform no. 2;9-12 '62

ELECTRORETINOGRAPHY

Nature of the R membrane in the retina of the frog A. L. Byzov Biofizika 6 no. 5 620-623 '61

ELECTROSURGERY

Nonperforating diathermocoagulation in glaucoma [with summary in English]. R A. Batarchukov Oft zhur. 17 no 1 45-50 '62

ELECTROTHERAPEUTICS

High frequency currents in the treatment of poliomyelitis in adults [with summary in English]. M M. Anikin, M V Rumiantseva-Russkikh Zhur nevr. i psikh 61 no. 8. 1122-1128 '61

Ventricular fibrillation and electrical defibrillation [with summary in English]. G. M. Solov'ev. Grud khir 2 no. 1;20-25 Ja-F '60.

ELEMENTARY EDUCATION see Education, Elementary

ELEPHANTIASIS

Phlebography in elephanthiasis of the upper and lower extremities A. N Retvinskii Vest rent. i rad 37 no 1; 61-62 Ja-F '62

ELEVATORS—SAFETY APPLIANCES

Spring pins for the "Krasnoie Sormovo" elevator. N. G. Kovalenko. Bezop. truda v prom 6 no. 3;32 Mr '62.

ELGAVA—RAILROADS

Markon, A., and A. Leites. [Enterprise of communist labor. Translated from the Latvian] Predpriiatie kommunisticheskogo truda. Riga, Latviiskoe gos. izd-vo, 1961. 64 p. (Po dorogam semiletki)

EL'GER, SEMEN VASIL'EVICH

"Prose of S. V El'ger" by A. I. Kuz'min. Reviewed by I. Ivanov. Vop. lit. 6 no. 2;196-198 F '62.

ELM

Ganenko, I. G. [Dwarf elm in the landscaping of towns and workers' settlements] Il'm melkolistnyi v ozelenenii gorodov i rabochikh poselkov. Izd. 2. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1961. 17 p. (DA)

ELOCUTION

Bormane, Olga. [Principles of stage speech] Skatuves runas pamati. Riga, Latvijas Valsts izdevnieciba, 1961. 152 p. [In Latvian]

EMBA REGION—FAULTS (GEOLOGY)

Relationship between oil potentials of sediments overlying salt domes and faults in the Emba region V S. Sobolev Trudy VNIGRI no 186 241-252 '61

EMBA REGION—PETROLEUM GEOLOGY

New oil fields in the southern Emba region V L. Berezovskaia Trudy VNIGRI no 186 273-279 '61

Relationship between oil potentials of sediments overlying salt domes and faults in the Emba region V S Sobolev Trudy VNIGRI no 186 241-252 '61

EMBA REGION—SALT DOMES

Time of the formation of tectonic faults in the salt dome structures of the southern Emba region Kh Kalabaev Izv AN Kazakh SSR Ser. geol no. 4 92-96 '61

EMBICHINE

Treatment with novoembichine of neuritis of the acoustic nerve. M L Abramov. Zdrav. Bel. 8 no. 1;58-60 Ja '62.

EMBOLISM

Clinical aspects of embolism of the superior mesenteric artery [with summary in English]. A. G Zemlianoi. Vest. khir. no 3;61-68 '62.

Surgical tactics in thromboembolism of the mesenteric vessels S V. Ryneiskii, V. Sh Raboinikov Vest khir no 9;113-117 '61

Thrombo-embolic lesions of the brain and internal organs IA. IA. Gordon, Sh Sh Shamansurov. Med. zhur. Uzb. no. 5;7-11 My '60

Use of anticoagulants in rheumatism [with summary in English] V N Diachenko Klin. med no 3 100-105 '62

EMBROIDERY, UZBEK

Morozova, A. S. [Machine embroidery in Uzbekistan] Mashinnaia dekorativnaia vyshivka Uzbekistana. Tashkent, Goslitizdat UzSSR, 1960. 88 p (Tvorchestvo narodnykh masterov Uzbekistana) (MII)

EMBRYOLOGY

Embryo lives for two months. A. Kh. Tambiev. Priroda 51 no. 3;52-54 Mr '62.

Some processes that run by means of secondary recapitulation [with summary in English] Otto Simby. Zool. zhur. 40 no 12;1770-1777 D '61.

Work of the Histology and Embryology Section of the Moscow Naturalists' Society in the second half of 1960. Biul. MOIP. Otd. biol. 67 no. 1;148-149 Ja-F '62.

EMBRYOLOGY—AMPHIBIA

Distribution and accumulation of protein tryptophan in the embryonic tissues of amphibians and mammals [with summary in English]. I. L. Ilshkevich, B. V. Kedrovskii. Izv. AN SSSR. Ser. biol. 27 no. 1 96-101 Ja-F '62.

EMBRYOLOGY—BIRDS

Some peculiarities of the embryogenesis of the interspecific hybrids of Peking and musk ducks. IU. A. Magakian, S. R. Makarian. Izv. AN Arm. SSR. Biol nauki 14 no 12 69-83 D '61.

EMBRYOLOGY—FISHES

Effect of some environmental factors on the hatching of embryos in salmonid and coregonid fishes. A. V. Popov. A. I. Zotin Ryb. khoz 37 no. 11;22-28 '61.

Embryonic respiratory adaptations in fishes and the characteristics of their development in the miller's-thumb (Cottoidei) of Lake Baikal. S G. Soin Vop. ikht. 2 no 1 127-139 '62.

EMBRYOLOGY—MAMMALS

Distribution and accumulation of protein in tryptophan in the embryonic tissues of amphibians and mammals [with summary in English]. I. L. Ilshkevich, B. V. Kedrovskii. Izv. AN SSSR. Ser. biol. 27 no. 1;96-101 Ja-F '62.

Effect of X irradiation of pregnant animals on changes in the peripheral blood of the offspring. N. I. Nuzhdin, N. N. Kuznetsova, L. K. Ramaiia Dokl AN SSSR 143 no. 3; 717-720 Mr '62.

Transformation of the pigmented epithelium of the eye into the retina during advanced stages of embryogenesis in rats. O. G. Stroeva. Dokl. AN SSSR 143 no. 4 991-993 Ap '62.

EMBYROLOGY (BOTANY) see Botany—Embryology

EMBRYOLOGY, HUMAN

Observations on morphology and endocrine function of gonads in human embryogenesis. Report No. 2. S. E. Levina. Zhur. ob biol. 23 no. 1;64-71 Ja-F '62.

EMERGENCIES, MEDICAL see Medical emergencies

EMPHYSEMA

Rare case of mediastinal emphysema caused by aspiration of a foreign body into the right bronchus. I. G. Gubanaliev. Azerb. med. zhur. no. 12;33-35 D '61.

EMPLOYEE ABSENTEEISM see Absenteeism (Labor)

EMPLOYEE RECREATION see Industrial recreation

EMPLOYEE VACATIONS see Vacations, Employee

EMPLOYEES, DISMISSAL OF

Answering the questions of activists Sov profsoiuzy 18 no 5 24 Mr '62

Approval of the trade-union committee is obligatory A Epshtein Sov profsoiuzy 18 no 3 17 F '62

EMPLOYEES, TRAINING OF

(see also subdivision under Estonia; Tatar A.S.S.R.)

Seminar for administrative personnel. Kozh -obuv prom. 4 no 1;40 Ja '62

EMPLOYERS' LIABILITY

When the administration is responsible for industrial accidents. Sov. profsoiuzy 18 no. 1 4h 1 '62.

EMPYEMA

Bronchography in chronic pleural empyemas. L. B. Kir'iakova, V. M. Sorgeev Grud khir 3 no 6;77 85 N D '61

Diagnosis and treatment of empyema and bronchial fistula following pulmonary resection. M. V. Khudentov Grud. khir 3 no 6 86-90 N-D '61.

Etiology of post-operative empyema following lung resection in tuberculosis [with summary in English] R. M. Rozenfel'd. Grud. khir. 2 no. 3;75-78 My-Je '60

Pleural empyema in newborn infants [with summary in English] TS. I. Mulina, F. V. Lipkina Vop okh mat i det 6 no. 12 36-40 D '61.

Significance of some functional methods in determining indications for surgical treatment of pleural empyema. V. M. Sorgeev, L. I. Klioner. Vest. khir. no. 8,3-13 '61.

Treatment of chronic empyema of the pleura [with summary in English] Z. I. Levina. Grud. khir. 2 no. 1;111-114 Ja-F '60.

Treatment of postoperative empyema of the pleura following pneumonectomy and partial resection of the lungs [with summary in English]. I. S Kolesnikov, S. I. Sokolov. Grud. khir. 2 no 1;67-72 Ja-F '60

Value of selective angiography of a collapsed lung in chronic empyema [with summary in English] N. I Gerasimenko, L. I. Klioner, IU. V. Evtiev Grud khir 2 no. 3;55-59 My-Je '60

EMULSIONS, PHOTOGRAPHIC see Photographic emulsions

ENAMEL AND ENAMELING

Alkali-resistant enamels V. V Vargin, I. N Zolotova. Stek. i ker. 19 no. 2 23-26 F '62.

Effect of the composition of enamels containing titanium on the whiteness of the coating K. P. Azarov, V. I. Gorbatenko Stek. i ker. 18 no 11;32-35 N '61.

Effect of the composition of metal and frit on the quality of enamels. G I Belianev, IU. D. Barinov. Stek. i ker 19 no. 1 26-30 Ja '62.

Improving the manufacture of enameled glass tiles for facing. G I. Voskoboinikov, M. I. Rozanikov. Stek. i ker 19 no. 3,15-18 Mr '62.

Using some electric insulating enamels for coating radio equipment E. I. Fridman Lakokras mat i ikh prim no 6 42-45 '61

ENAMEL AND ENAMELING—CONGRESSES

Conference on enamel and the enameling of metals V. V Vargin. Stek. i ker. 19 no 1;46-47 Ja '62

ENCEPHALITIS

(see also subdivision under Kazakhstan)

Activity of the properdin system in tick-borne encephalitis [with summary in French]. A. P. Ierusalimskii, I. I. Chertkov Zhur. nevr. i psikh. 62 no 3;343-346 '62

Case of laboratory infection in man with the virus of tick borne encephalitis [with summary in French] I. M. Vizen, A. N. Knirev. Zhur. nevr. i psikh. 62 no 3; 333-338 '62.

Clinical aspects of recurrent forms of trunk poliomyelencephalitis. IA. K. Budagov. Azerb. med. zhur. no. 12 3 D '61.

Comatose form of influenzal encephalitis. V. I. Tankeevskaia. Kaz. med. zhur. no. 1;45-47 Ja-F '62.

Current status of the problem of tick-borne encephalitis and urgent problems in its study. A. G. Panov. Zhur. nevr. i psikh. 62 no. 3;321-332 '62.

Cytopathogenic action of the tick-borne encephalitis virus on human and animal tissue culture cells [with summary in English]. A. V. Dubov. Vop. virus 7 no. 1;39-41 Ja-F '62.

Data for the study of protein metabolism in Far Eastern vernal tick-borne encephalitis [with summary in French] N. I. Makarevich. Zhur. nevr. i psikh. 62 no. 3;339-343 '62.

Hemagglutinins of Japanese and tick-borne encephalitis in sheep embryo kidney culture [with summary in English]. S. IA. Gaidamovich, S. M. Tuang, N. G. Titova. Vop. virus. 7 no. 1;43-49 Ja-F '62.

Inactivation of the tick-borne encephalitis virus by the photodynamic action of methylene blue [with summary in English]. M. I. Blinova. Vop. virus. 7 no. 1,33-37 Ja-F '62.

ENCEPHALITIS (Continued)

Interaction between the tick-borne encephalitis virus and susceptible cells in vitro. Report No. 1. Phases of virus development in single-layer cultures. [with summary in English] O. G. Andzhaparidze, N. N. Bogomolova. Vop. virus. 7 no. 1:35-39 Ja-F '62

Isolation of a tick-borne encephalitis virus from Orlochila damma L. L. G. Tatulinova. Vop. virus. 7 no. 1 110 Ja-F '62

Method for the industrial preparation of a noninfectious antigen from the tick-borne encephalitis virus for causing a hemagglutination inhibition reaction [with summary in English]. B. I. Semenov, A. I. Rezepova. Vop. virus. 7 no. 1:55-59 Ja-F '62

Multiplication of the virus of tick-borne encephalitis in a culture of chicken embryo fibroblasts and its release from the cells [with summary in English] N. G. Titova. Vop. virus. 7 no. 1:50-55 Ja-F '62

Primary hemorrhagic meningoencephalitis. N. M. Madzhidov. Med. zhur. Uzb. no. 5:43-46 My '60

Study of the sequelae of the vestibular form of encephalitis [with summary in French] F. B. Berezin. Zhur. nevr. i psikh. 62 no. 3:456-460 '62

Subacute sclerosing leukoencephalitis of the Van Bogaert type [with summary in French] E. F. Davidenkova, E. S. Pavlovich. Zhur. nevr. i psikh. 62 no. 3:347-355 '62.

"Tick-borne encephalitis (encephalomyelitis)" by A. N. Shapoval. Reviewed by D. Kulinov and A. Ierusalimskii. Zhur. nevr. i psikh. 62 no. 3:466-468 '62

Use of sulfozin in the compound treatment of cerebral rheumatism. A. III. Vyhanovskii, N. N. Lapirova. Kaz. med. zhur. no. 1:41-45 Ja-F '62.

ENCEPHALOGRAPHY

Pneumoencephalography in chronic schizophrenia (Preliminary report) [with summary in French] F. M. Sitnikov. Zhur. nevr. i psikh. 61 no. 8:1251-1254 '61

ENCEPHALOMYELITIS

Experimental allergic encephalomyeloradiculitis [with summary in French] A. F. Makarchenko and others. Zhur. nevr. i psikh. 62 no. 3:361-366 '62

Study of the pathomorphology of experimental allergic encephalomyelitis [with summary in English] L. I. Ravkina, G. IA. Svet-Moldavskii. Arkh. pat. no. 3:27-33 '62.

"Tick-borne encephalitis (encephalomyelitis)" by A. N. Shapoval. Reviewed by D. Kulinov and A. Ierusalimskii. Zhur. nevr. i psikh. 62 no. 3:466-468 '62

ENCYCLOPEDIAS AND DICTIONARIES

[Great Soviet Encyclopedia] Bol'shaia sovetskaia entsiklopediia. Pod obshchei red. N. I. Bukharina i dr. Glav. red. O. IU. Shmidt. Moskva, Sovetskaia entsiklopediia, 1926-1947. 65 v. 1946 columns, lxxxp. illus., plates, maps.
(NcU)

ENCYCLOPEDIAS AND DICTIONARIES, UKRAINIAN

[Ukrainian Soviet encyclopedia] Ukrains'ka Radians'ka entsiklopediia. Holovna red. kolegiia M. P. Bazhan ta inshi. Kyiv, Holovna red. Ukrains'koi Radians'koi entsyklopedii.
Vol. 6. Italiia - Kolizita. [1961] 576 p.

ENDOCARDITIS

Comparison of the pathoanatomical changes in chronic endocarditis and rheumatism. G. N. Voronkovskaia. Kaz. med. zhur. no. 5:71-72 S-O '61

ENDOMETRIOSIS

Extragenital endometriosis. E. P. Kokhan, D. V. Pomosov. Kaz. med. zhur. no. 5:68-69 S-O '61.

ENDOTHELIUM

Reactivity of the endothelium of the lymphatic pouch of frogs following mechanical injury [with summary in English]. G. IA. Grafova. Arkh. anat. gist. i embr. 41 no. 12:34-43 D '61.

ENGELHARDTIA see subdivision under Zeyva

ENGELS, FRIEDRICH, 1820-1895—BIBLIOGRAPHY see Bibliography—Engels, Friedrich, 1820-1895

ENGELS IN LITERATURE AND ART

Pogodin, N. F., G. I. Serebriakova, and M. P. Prilezhaeva. [Great personalities] Velikie obrazy. Moskva, Izd-vo "Znanie," 1962. 31 p. (Novoe v zhizni, nauke, tekhnike Seriia 6: Literatura i iskusstvo, no. 1)

ENGINEERING, MECHANICAL see Mechanical engineering

ENGINEERING, MILITARY see Military engineering

ENGINEERING, MINING see Mining engineering

ENGINEERING, RAILROAD see Railroad engineering

ENGINEERING, SANITARY see Sanitary engineering

ENGINEERING GEOLOGY
(see also subdivision under Angara Valley; Aruvi Aru Valley)

[Collected articles on hydrogeology and engineering geology] Sbornik statei po voprosam gidrogeologii i inzhenernoi geologii. Pod red. N. N. Romanovskogo. [Moskva] Izd-vo Mosk. univ., 1962. 426 p.

Glazov, N. V. [Using radioisotopes in engineering studies] Primenenie radioaktivnykh izotopov v inzhenernykh izyskaniiakh. Moskva, Gos. izd-vo lit-ry v oblasti atomnoi nauki i tekhn., 1962. 67 p.

Main problems of engineering geology. N. V. Kolomenskii, E. G. Chapovskii. Razved. i okh. nedr. 27 no. 12 42-46 D '61

Maslov, N. N. [Principles of soil mechanics and engineering geology] Osnovy mekhaniki gruntov i inzhenernoi geologii. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transporta i shosseinykh dorog RSFSR, 1961. 707 p.

Use of injections and evacuations under complicated hydrogeological conditions. V. V. Kurilenko. Razved. i okh. nedr. 28 no. 2 39-41 F '62

ENGINEERING GEOLOGY—EQUIPMENT AND SUPPLIES

New PLV-1 field geological engineering laboratory of the All-Union Scientific Research Institute of Hydrogeology and Geological Engineering. L. I. Odintsova. Razved. i okh. nedr. 27 no. 10 53-54 O '61

ENGINEERING RESEARCH

The 22d Congress of the CPSU and the objectives of mechanical engineering. Inzh. zhur. 2 no. 1 3-5 '62.

ENGINEERING STANDARDS see Standards, Engineering

ENGINEERS—SALARIES, PENSIONS, ETC

Sheliutto, K. V., and E. N. Borovskaia. [Bonus payments to engineers and technicians according to Soviet law] Premirovanie inzhenerno-tekhnicheskikh rabotnikov po sovetskomu pravu. Moskva, Gos. izd-vo iurid. lit-ry, 1962. 124 p.

ENGLISH LANGUAGE—DICTIONARIES—LITHUANIAN

[English-Lithuanian dictionary] Anglu-Lietuviu kalbu zodynas. [By] V. Baravykas, Antras pataisytas ir papildytas leidimas. Apie 30 000 zodziu ir posakiu. Redagavo A. Laucka ir A. Dantaite. Vilnius, Valstybine politines ir mokslines literatures leidykla, 1961. 595 p.

ENGLISH LANGUAGE—DICTIONARIES—RUSSIAN

"English-Russian Welding Dictionary" by V. T. Zolotykh. Reviewed by V. D. Matskevich, N. I. Sviatnenko, G. G. Miklin. Svar. proizv. no. 1:44-46 Ja '62

ENGLISH LANGUAGE—EARLY MODERN—NEGATIVES

Negative sentences with negative conjunctions in Early Modern English. L. P. Shipulina. Issl. po angl. filol. no. 2:151-160 '61.

ENGLISH LANGUAGE—EARLY MODERN—SYNTAX

Co-ordination of predicative expressions in Early Modern English. L. L. Iofik. Issl. po angl. filol. no. 2:133-150 '61.

Length and predicative structure of the sentence in Early Modern English. L. L. Iofik. Issl. po angl. filol. no. 2 115-132 '61.

ENGLISH LANGUAGE—GRAMMAR

Lampol'skyi, L. S. [English; a textbook of the English language for technical schools] English; posibnik z anglits'koi movy dlia tekhnichnykh vuziv. Kyiv, Derzh. vyd-vo lit-ry z budivnytstva i arkhitektury URSR, 1960. 196 p.
(NjP)

Predvechnaia, L. A. [Practical course in English] Prakticheskii kurs angliiskogo iazyka. [Rostov-na-Donu] Izd-vo Rostovskogo univ., 1961. 227 p.

The word "one" used as a substitute in modern English. N. V. Vargina. Issl. po angl. filol. no. 2:52-69 '61.

ENGLISH LANGUAGE—IDIOMS, CORRECTIONS, ERRORS

Integral meaning of the idiom. N. N. Amosova. Issl. po angl. filol. no. 2:3-15 '61.

ENGLISH LANGUAGE—NEGATIVES

Grammar specialists and logicians of the 16th to the 18th century on negation in the English language. L. P. Shipulina. Issl. po angl. filol. no. 2:161-168 '61.

ENGLISH LANGUAGE—SPOKEN ENGLISH

Structure and stylistic usage of absolute constructions in varied forms of context. H. R. Nahel'. Nauk. zap. Chern. un. 40. Ser. rom.-germ. filol. no. 7:76-84 '60.

ENGLISH LANGUAGE—STYLE

Structure and stylistic usage of absolute constructions in varied forms of context. H. R Nahel'. Nauk. zap. Chern. un. 40. Ser. rom.-germ. filol. no. 7:76-84 '60.

ENGLISH LANGUAGE—SYNONYMS

Some problems of synonyms. K. A. Sinovskaia. Issl. po angl. filol. no. 2:16-26 '61.

ENGLISH LANGUAGE—SYNTAX

Three-part verbal phrases with prepositions in modern English. L. A. Umaeva. Issl. po angl. filol. no. 2:179-191 '61.

ENGLISH LANGUAGE—TECHNICAL ENGLISH

Predvechnaia, L. A. [Practical course in English] Prakticheskii kurs angliiskogo iazyka. [Rostov-na-Donu] Izd-vo Rostovskogo univ., 1961. 227 p.

ENGLISH LANGUAGE—TENSE

Grammatical synonymy. L. P. Ivanova. Issl. po angl. filol. no. 2:27-36 '61.

ENGLISH LANGUAGE—TRANSLATING

Polysemy of English botanical terms and their varied interpretations in Ukrainian. L. I. Mylovydova. Nauk. zap. Chern. un. 40. Ser. rom.-germ. filol. no. 7 65-75 '60.

Spazhev, IU. A., and A. A. Filippov. [Translation of military terminology, the English language] Kurs voennogo perevoda, angliiskii iazyk. Moskva, Voen. izd-vo M-va obor. SSSR.
Pt. 1. 1962. 505 p.
_____ Supplement. 15 p.

ENGLISH LANGUAGE—VERB

Changes in transitive verbs from the Old to the Middle English period. V. N. Zhigadlo. Issl. po angl. filol. no. 2 92-98 '61.

Grammatical homonymy in modern English. V. V. Burlakova. Issl. po angl. filol. no. 2:37-51 '61.

Historical development of verbs with the suffix "-en" in the English language. T. M. Beliaeva. Issl. po angl. filol. no. 2 169-178 '61.

Studying verbal forms of the English language in evening (staggered) schools. N. M. Kravchenko. Doki. APN 5 no. 6 37-42 '61

ENGLISH LITERATURE—HISTORY AND CRITICISM

The English novel and the Jacobins. M. Landor. Vop. lit. 6 no. 2 177-189 F '62.

ENGLISH POETRY—HISTORY AND CRITICISM

"The heritage of English romanticism and our times" by A. A. Elistratova. Reviewed by N. D'iakonova. Vop. lit. 6 no. 2:218-223 F '62.

ENGRAVING MACHINES

Rabinovich, A. D., and I. IA. Dukhovnyi. [Electronic engraving machines] Poligraficheskie elektronnye graviroval'nye mashiny. Moskva, Gos. izd-vo "Iskusstvo," 1961. 243 p.

ENSEMBLES (MATHEMATICS) see Aggregates

ENSEMBLES (MUSIC)

Eight years on the road, Igor Moiseev's ensemble in anticipation of new tours. M. Dolgopolov. Sov. Soiuz no 4: 40-43 '62.

ENSEMBLES (MUSIC), UKRAINIAN

Amateur art activities in the Ukraine on the occasion of the 22d Congress of the Communist Party of the Soviet Union. L. Nosov. Nar. tvorch. ta etn. 5 no. 4 148 O-D '61

ENSILAGE
(see also subdivision under Lithuania)

Dynamics of the fermentation processes in preparing ensilage from sugar beet tops with sulfur preparations. M. A. Ter-Karapetian, V. A. Petrosian. Izv. AN Arm. SSR. Biol. nauki. 15 no. 2 39-47 '62.

Special aspects of cultivating sunflower for ensilage in irrigation and dry-farming areas of Tajikistan. V. N. Litvinov. Trudy Inst. zhiv. i vet. AN Tadzh. SSR. 5 no. 6 51-109 '61.

Urgent problems in the microbiology of feeds. D. L. Shamis. Vest. AN Kazakh. SSR. 18 no. 3:14-22 Mr '62.

ENSILAGE—SAFETY MEASURES

Pytchenko, P. I. [Safety measures in the preparation of ensilage] Tekhnika bezopasnosti pri silosovanii kormov. [Moskva, Izd-vo M-va sel'. khoz. RSFSR, 1961]. 6 p. (Pamiatka rabotnika sel'skogo khoziaistva)
(DA)

ENTERIC FEVER see Typhoid fever

ENTHALPY

Enthalpies of formation of some perchlorates. S. M. Skuratov, A. F. Vorob'ev, N. M. Privalova. Zhur. neorg. khim. 7 no. 3 677-679 Mr '62

ENTIRE FUNCTIONS see Functions, Entire

ENTOMOLOGY

[Papers of the eleventh to fourteenth annual lectures in memory of N. A. Kholodkovskii] Doklady na odinnadtsatom - chetyrnadtsatom ezhegodnykh chteniiakh pamiati N. A. Kholodkovskogo, 1958-1961. Moskva, Izd-vo Akad. nauk SSSR, 1962. 100 p.

ENTRENCHMENTS see Intrenchments

ENZYMES

Clinical units for indicating enzyme activity. M. E. Friman. Vop. med. khim. 7 no. 3 333 My-Je '61

Oxidation of tyrosin in animal bodies and adaptive formation of enzymes participating in its metabolism. S. IA. Kaplanskii, Van Chzhun-ian' [Wang Chung-yen] Vop. med. khim. 7 no. 3 227-242 My-Je '61

Present and future of ferments. O. TSyperovych. Nauka i zhyttia. 11 no. 2 14-15 F '62.

EOSINOPHILES

Blood eosinophilia in chronic nonspecific colitis and rectal oxygenotherapy. A. I. Kolesnikov. Vrach. delo no. 8:141-142 Ag '61.

EOSINOPHILES (Continued)

Eosinophil disease in children V V Shifrkova-Martynkina Pediatriia no 2 79-83 '62

Mechanism of eosinopenic reaction in Thorn's test. G V. Kudriavtsev. Probl. gemat. i perel krovi no 3 55-59 '62

EPHEDRA

Methods of anatomical and microchemical determination of ephedrine and tanning substances in the shoots of Ephedra L. M. Khazhmuratov Bot zhur 47 no 2 236-238 F '62

EPHEDRINE

Methods of anatomical and microchemical determination of ephedrine and tanning substances in the shoots of Ephedra L. M. Khazhmuratov Bot zhur 47 no 2 236-238 F '62

EPHEDRINE—PHYSIOLOGICAL EFFECT

Experimental study of the use of ephedrine for preventing arterial hypotension in high spinal anesthesia [with summary in English]. B. M. Kupchik Eksp. khir i anest 6 no 5 22-29 S-O '61.

EPIDEMIOLOGY

Experience in the carrying out in the U. S. S. R. of courses of the World Health Organization on the natural foci of human diseases E. N Pavlovskii Vest AMN SSSR 17 no 1 93-96 '62

Feldshers and the services rendered by them on the sanitary-epidemiological front, brief historical review N. A Bogoiavlenskii Fel'd i akush 27 no 1 14-19 Ja '62

EPIDERMIS

Effect of the stimulator of regeneration processes on the epidermis of X-rayed rabbit skin A A Barun, G. P Zemlianaia Nauch dokl vys shkoly, biol nauki no 1 96-101 '62

EPIDOTE see subdivision under Urushten Valley

EPILEPSY

Some mechanisms in the activation and suppression of epileptic seizures [with summary in French] E. Atsev Zhur nevr i psikh 62 no 3:384-393 '62

Studies of the bioelectrical activity of the cerebral cortex in epilepsy F. A. Leibovich Vest AMN SSSR 17 no 1. 65-77 '62

Use of a new preparation, chloracon, in epilepsy A M Korovin Klin med no 3 136-138 '62

EPILEPTICS

Characteristics of the higher nervous activity in epileptic children [with summary in English]. I T Viktorov Zhur vys nerv deiat 11 no 6 999-1004 N-D '61

EPIPHYSES—ABNORMITIES AND DEFORMITIES

Congenital multiple punctuate epiphyseal dysplasia. A. I. Gingold, L. I Ivanova Vest rent i rad 37 no 1:63-65 Ja-F '62

EPIPHYSES—DISEASES

Epiphysial osteomyelitis in newborn infants V M Derzhavin Vop okh mat i det 6 no 12 23-27 D '61

EPITHELIUM

Autoradiographic study of skin epithelium in tissue cultures by F M. Lazarenko's method [with summary in English] L. I Chekulaeva Arkh. anat gist. i embr 41 no. 12 57-63 D '61

Experimental histological study of the changes in the epithelium of the stomach in prolonged regular recurrent thermal stimulation [with summary in English]. L. A Sharai Arkh anat. gist. i embr. 41 no. 12 44-56 D '61.

Polysaccharides in the epithelium of the cornea and mucous membrane of the eye in embryogenesis [with summary in English]. V. A Vasil'eva. Arkh. anat. gist. i embr. 11 no 12 30-33 D '61.

Some characteristics of the regenerative capacity of mesothelium [with summary in English]. V. F. Ivanova. Arkh. anat. gist i embr 11 no 12, 18-29 D '61.

Study of the differentiation of epithelium in the oral cavity in embryogenesis [with summary in English]. A A Zavarzin. Arkh. anat. gist. i embr. 41 no. 12 89-98 D '61.

EPOXY RESINS

Hardening epoxy resins with urea resins. V R. Zlobina, M F. Sorokin, A. A Blagonravova. Lakokras mat i ikh prim. no 6 17-20 '61

Synthesis of polyepoxy resins Report No 1 Conditions for the preparation of polyepoxy resins Z. M. Meshcheriakova, L. I Gordon, I V. Stul'pina Lakokras mat i ikh prim no 6 3-9 '61

EQUATIONS

Balaisis, Romualdas. [Study of equations] Lygciu tyrimas. Kaunas, Valstybine pedagogines literaturos leidykla, 1961. 89 p. [In Lithuanian]

EQUATIONS, DIFFERENTIAL see Differential equations

EQUATIONS, FUNCTIONAL see Functional equations

EQUATIONS, INTEGRAL see Integral equations

EQUATIONS, LINEAR see Linear equations

EQUATIONS, ROOTS OF

Approximate calculation of the roots of the equation $z^m = A + Bz^k$ P. A Kokareva Zhur vuch mat i mat fiz 2 no 1 157-161 Ja-F '62

Recurrent method of calculating the roots of an algebraic equation A E Gel'man Mat prog no 6 171-180 '61

ERBEN, KAREL JAROMIR, 1811-1870

The Czech folklorist K. J Erben and his relations with Russian scholars. V. M. Skripka. Nar tvorch ta etn 5 no. 4 108-110 O-D '61

ERGOMETER see Dynamometer

ERGOT

Ability of various strains of Claviceps purpurea Tul to synthesize alkaloids in a saprophytic culture N I. Ostrovskii, A L Shalagina, A. N. Bankovskaia Med. prom 15 no 6 39-41 Je '61.

ERIVAN—AMATEUR MOTION PICTURES

Seven workers in love with motion pictures M Chernova skii Sov profsoiuzy 18 no 4 36-37 F '62.

ERIVAN—TEACHING

She gave them a piece of her mind. M Mikaelian. Sov. deput trud no 3:28-29 Mr '62

ERIVAN REGION—ROCKS, IGNEOUS

Neogene and Quaternary effusive rocks in the Erivan region. A A Adamian. Izv. AN Arm SSR. Geol. i geog. nauki 14 no 6 41-49 '61.

EROSION

(see also subdivision under Baikal Lake region, Central Siberian Plateau; Donets Basin, Kuybyshev Province; Novaya Sibir' Island)

Protection of tracks from erosion on the Far Eastern railroads M. I Millshtein Amur sbor no 2 207-217 '60

EROSION—BIBLIOGRAPHY see Bibliography—Erosion

EROSION CONTROL see Soil conservation

ERRORS, THEORY OF

Generalized formulas for estimating the accuracy of the mean square error IU. V. Kemmits. Izv vys ucheb zav, geod i aerof. no 5,21-24 '61.

ERYSIPELOTHRIX RHUSIOPATHIAE

Isolation of a mixed culture of the Batavine type of leptospira and of the erysipelas pathogen (Erysipelothrix rhusiopathiae) [with summary in English]. IU G. Chernukha and others. Zhur mikrobiol., epid. i immun. 33 no. 1 118-121 Ja '62

ERYTHREMIA

Interrelation between polycythemia vera and chronic myelosis [with summary in English]. S. I. Sherman, L. M. Rozanova. Terap. arkh. 34 no. 3:98-104 '62

Neurovascular changes in patients with erythremia following radioactive phosphorus treatment [with summary in English] A. E Dubovaia Vrach delo no 2, 62-66 F '62.

Treatment of erythremia with radioactive phosphorus. A. I. Kozyrevn Vest. rent i rad 37 no. 1:72 Ja-F '62

ERYTHROBLASTOSIS FETALIS

Hemolytic disease in newborn infants associated with sensitization to the Rh antigen [with summary in English]. V. A. Fabolin, M. A. Umnova. Vop. okh. mat. i det 7 no. 1:28-31 Ja '62.

Hemolytic disease in newborns (Rh incompatibility) B. G. Iofe. Fel'd. i akush. 27 no. 1 10-16 Ja '62.

Treatment of hemolysis in newborns E. V Liubarskaia, T N. Sataeva. Med zhur. Uzb no. 1 48-49 Ja '62.

ERYTHROCYTES

Akademiia nauk SSSR. Sibirskoe otdelenie. Institut fiziki, laboratoriia biofiziki. [Problems in the biophysics, biochemistry, and pathology of erythrocytes] Voprosy biofiziki, biokhimii i patologii eritrotsitov. Krasnoiarsk, 1960. 505 p. (DNLM)

Correlation between erythrocyte and blood plasma radioactivity as an index of the functional state of the thyroid gland [with summary in English]. E. D. Cheboiareva. Med rad. no 3 6-8 '62.

Influence of benzene on the leuko-agglutinating and reticulocytogenic properties of sera [with summary in English]. A. IA. Iaroshevskii. Biul. eksp. biol. i med 52 no 7:40-44 Jl '61.

Viability of erythrocytes following the transportation of preserved blood. V. Brabec, J Fiala. Probl. gemat. i perel. krovi no 3,53-55 '62.

ERYTHROCYTHEMIA see Erythremia

ERYTHROMYCIN

Erythromycin M. R. Shtern Fel'd. i akush. 27 no. 1 55-56 Ja '62.

ESCHERICHIA COLI

Biosynthesis of uracil by E. coli [with summary in English]. S S Debov, S R. Mardashev, Chzhao Tien-rei [Chao T'ien-jui]. Vop. med. khim. 7 no. 3:297-301 My-Je '61.

Dynamics of the quantitative distribution of coli bacilli in sewage irrigation soil A S. Gerodetskii, S. S. Lokshina Gig i san 26 no 9 88-89 S '61.

Effect of antibiotics on the pyruvate requirement by resting cells of E. coli [with summary in English]. A. I Korotinev Mikrobiologiia 31 no 1 24-28 Ja-F '62

Effect of some antimicrobial preparations on the development of colimycin resistance in colienteritis pathogens [with summary in English] A. D. Kovalenko, A. H. Chernomordik Antibiotiki 6 no. 11 1021-1025 N '61

Effect of ultraviolet rays on the pathogenic serotypes of Escherichia coli R A. Ter-Pogosian, Z. P. Gorfinkova Vop radiobiol [AN Arm SSR] 1,123-125 '60.

Etiological significance of certain serological types of Escherichia coli in dyspepsia. M. I. Kuz'minova and others. Med zhur Uzb no. 1 20-21 Ap '60.

Experimental biological model of colienteritis and some problems in the pathogenesis of this infection [with summary in English]. A. IU Illiutovich and others. Zhur. mikrobiol., epid. i immun 33 no 1:83-89 Ja '62.

Extracellular glutathione reductase of Escherichia coli [with summary in English] N I Proskuriakov, I. K. Men'shikh Mikrobiologiia 31 no 1 5-9 Ja-F '62

Inoculation of pathogenic agents and the epidemiological significance of patients with colienteritis at various stages of the disease [with summary in English]. N. A. IAkhnina and others. Zhur. mikrobiol., epid. i immun. 33 no. 1 80-84 Ja '62.

Intravitam detection of mitochondria in bacteria M. N Malatian Dokl AN SSSR 143 no 4 955-957 Ap '62

Stability of the pathogenic symptoms acquired by Escherichia coli K. I. Shevchenko, G. N. Ishchenko Med. zhur Uzb no. 5:35-41 My '60

Stableness of the antigenic structure of separate enteropathogenic types of Escherichia coli I. O Solov'eva, R A Alekseeva, A V Prokopovich Zhur mikrobiol., epid i immun 33 no 2 125-126 F '62

Survival of Escherichia coli of pathogenic serotypes 0111 and 055 in an external medium. G. G. Mirzoev Zhur. mikrobiol epid. i immun. 33 no. 1 96 Ja '62.

Treatment of dysentery and coli enteritis with a new antibiotic polymyxin M. N. V. Gladkova, A. D. Semenova, I. N. Krasnova Pediatriia no 2 65-69 '62

ESCHYNITE see subdivision under Vishnevyye Mountains

ESCIN

Production of escin from horse chestnut seeds. O. P. Mel'nichuk. Trudy Len khim.-farm. inst. 12 263-268 '61.

ESOPHAGUS

Influence of sham feeding on the drinking behavior of esophagectomized dogs [with summary in English] V. D. Smirnova Biul. eksp. biol. i med 52 no 7:58-62 Jl '61.

ESOPHAGUS—CANCER

Changes in the cardiovascular system during radiotherapy of cancer of the esophagus. I. T Abasov, Sh. M. Beibutov. Med. rad. no. 3 14-19 '62.

Method of pneumomediastinography and its role in evaluating operability in cancer of the esophagus [with summary in English]. V. S. Pomelov, V. S. Sladkevich. Khirurgiia no. 3 79-84 '62.

Recanalization and X-ray therapy in inoperable cancer of the esophagus [with summary in English]. T. V. Daurova, A. I Ruderman, T. P. Evstigneeva. Khirurgiia no. 3:71-79 '62.

ESOPHAGUS—DISEASES

Rare case of acute dysentery with lesion of the esophagus and small intestine IU IA. Vengerov, S. I. Lipkin Klin med no 3 139-141 '62

ESOPHAGUS—DIVERTICULA

Traction diverticula of the thoracic segment of the esophagus. A. A Olishanetskii. Khirurgiia no. 3 97-98 '62.

ESOPHAGUS—FOREIGN BODIES

Perforation of the aorta in esophageal trauma caused by foreign bodies [with summary in English]. E. N. Popov. Grud khir. 1 no. 3:91-97 My-Je '59.

ESOPHAGUS—SURGERY

Characteristics of anesthesia in operations on the esophagus [with summary in English] P. K. D'iachenko Vest. khir. no. 9:93-102 '61

Characteristics of compensation of functional disturbances of the stomach and small intestine following resection of the esophagus [with summary in English]. G. A Ochko. Grud. khir. 1 no 4,66-71 Jl-Ag '59.

Compensation of gastric secretion and evacuation following intrathoracic resections of the esophagus for esophageal tumors [with summary in English]. E. V. Loskutova. Grud. khir. 2 no. 3:85-92 My-Je '60.

Free transplantation of the intestine in reconstructions of the esophagus. V. I. Popov, V. I. Filin. Vest. khir. no 9:3-9 '61.

Functional characteristics and morphological changes of the stomach following transpleural resection of the esophagus and cardia [with summary in English] IU. S Liadov. Grud. khir. 2 no. 1:98-104 Ja-F '60.

ESOPHAGUS – SURGERY (Continued)
Methodology of gastroesophageal anastomosis in the case of esophagocardiac resection [with summary in English] V. A. Zhmur Grud. khir. 1 no. 3,87-91 My-Je '59.

One-step intrapleural artificial esophagus created from the large and small intestines [with summary in English]. P. I. Androsov. Grud. khir. 1 no. 3,80-87 My-Je '59.

"Operations on the esophagus" [in German] by R. Nissen Reviewed by Iu. F. Berezov. Grud. khir. 1 no. 4 123-126 Jl-Ag '59

Physiological basis of surgical approaches to the esophagus [with summary in English]. P. P. Filisova, L. A. Pechatnikova, Akhmet-Nagib Vest. khir., no. 3 9-14 '62.

Tracheostomy as a method for preventing respiratory insufficiency after surgery on the esophagus and cardia [with summary in English]. Iu. F. Berezov and others Vest. khir., no. 3 3-9 '62

Use of polymers in esophageal surgery T. T. Daurova Grud. khir. 3 no. 6:100-105 N-D '61

ESOPHAGUS—ULCERS
Perforation of a peptic ulcer of the esophagus into the posterior mediastinum with ulcerous stenosis of the pylorus. M. A. Korlov. Khirurgiia no. 3 120-121 '62.

Perforation of an ulcer of the esophagus into the right common carotid artery. V. M. Sapozhnikov, O. S. Levinson. Vest. khir. no. 9,124-125 '61

Perforation of the esophagus into the diaphragm with the formation of an external fistula. A. K. Tychinkina, P. I. Androsova. Khirurgiia no. 3 121-122 '62.

ESOPHAGUS—WOUNDS AND INJURIES
Surgeon's tactics in cicatrical obstruction of the esophagus in children [with summary in English]. N. I. Kondrashin, S. I. Vozdvizhenskii, V. M. Derzhavin. Vest. khir. no. 3 26-29 '62.

Technic of retrograde bougienage in cicatrical strictures of the esophagus in children. I. L. Brogadze, G. D. Shapiro. Vest. khir., no. 3:29-31 '62.

Treatment of acute purulent mediastinitis in perforation of the esophagus in children. G. A. Bairov. Vest. khir., no. 3 19-25 '62.

X-ray diagnosis of esophageal perforations caused by foreign bodies or instruments [with summary in English] M. B. Shcherbatenko. Grud. khir. 1 no. 5,81-86 S-O '59.

ESSENCES AND ESSENTIAL OILS
Dynamics of the accumulation of essential oils in elecampane roots R. A. Bulko Trudy Len. khim.-farm. inst. 12 165-171 '61

Dynamics of the accumulation of essential oils in the roots and rhizomes of Valeriana stolonifera Czr. K. F. Kovalchuk Trudy Len. khim.-farm. inst. 12 209-212 '61.

ESTERS
α-Alkyl derivatives of allyl and crotonyl esters of arsenious acid. Gil'm Kamai, R. K. Zaripov Dokl. AN SSSR 143 no. 4:859-862 Ap '62.

Alcoholless method of producing esters. Shamkhal Mamedov, I. I. Nizker, A. S. Rzaev. Dokl. AN Azerb. SSR 17 no. 8:789-791 '61.

Anode processes in the electrolysis of carboxylic monoester salts. M. IA. Fioshin, G. P. Glukha Dokl. AN SSSR 143 no. 2,384-387 Mr '62.

Colorimetric methods for determining esters in air M. N. Kuz'micheva Uch. zap. Mosk. nauch.-issl. inst. san. i gig. no. 5 27-34 '60

Determination of esters in air (esters of acetic, acrylic, methacrylic, phthalic, and adipic acids). Uch. zap. Mosk. nauch.-issl. inst. san. i gig. no. 5 54-56 '60.

Determination of esters in atmospheric air. Uch. zap. Mosk. nauch.-issl. inst. san. i gig. no. 5, 57-58 '60

Determination of esters of butyl alcohol (dibutyl adipinate, dibutyl phthalate, etc.) Uch. zap. Mosk. nauch.-issl. inst. san. i gig. no. 5 59-60 '60

Fluorine organic compounds. Part 1. Darzens reaction in the synthesis of α-fluoro-β-hydroxyacids. V. F. Martynov, M. I. Titov. Zhur. ob. khim. 32 no. 3:718-721 Mr '62.

Heterochain polyesters. Part 33. Polyarylates based on phenolphthalein [with summary in English]. V. V. Korshak, S. V. Vinogradova, S. N. Salazkin Vysokom. soed. 4 no. 3:339-344 Mr '62.

Heterochain polyesters. Part 34. Polyesters of aromatic dihydroxy compounds with condensed rings [with summary in English]. V. V. Korshak, S. V. Vinogradova, M. A. Iskenderov. Vysokom. soed. 4 no. 3:345-350 Mr '62.

Preparation of aldehydes by the reduction of carboxylic esters with diisobutyl-aluminum hydride. L. I. Zakharkin, I. M. Khorlina. Izv. AN SSSR, Otd. khim. nauk no. 3 538 Mr '62.

Raman spectra of systems composed of tin chloride with esters. Part 1. A. D. Dembitskii, T. N. Sumarokova. Opt. i spektr. 12 no. 3:369-375 Mr '62.

Thermal decomposition of condensation resins. Part 3. Thermal decomposition of heterochain polyesters (polyarylates) [with summary in English]. B. M. Kovarskaia and others. Vysokom. soed. 4 no. 3:433-439 Mr '62.

ESTONIA
Ansberg, A., and Vello Tiamisto. [Estonian S. S. R., its economy and culture] Estonskaia SSR, ekonomika i kul'tura. Tallinn, Estonskoe Gos. izd-vo, 1960. 197 p. (PSt)

ESTONIA—CHORAL SINGING
Estonia sings G. Ernesaks. Sov. muz. 26 no. 3,35-40 Mr '62

ESTONIA—CORALS, FOSSIL
Early Estonian favosites [with summary in English]. E. Klaamann. Izv. AN Est. SSR. Ser. fiz.-mat. i tekh. nauk 10 no. 2 120-129 '61.

ESTONIA—COSMIC PHYSICS—RESEARCH
First meeting of the working group on stellar kinematics and dynamics. H. Eelsalu. Izv. AN Est. SSR. Ser. fiz.-mat. i tekh. nauk no. 1:75 '62.

ESTONIA—CRIMINAL LAW
Estonian S. S. R. Laws, statues, etc. [Criminal code of Estonia] Ugolovnyi kodeks Estonskoi SSR. Tallin, Estonskoe gos. izd-vo, 1961 186 p. (DS)

ESTONIA—ECONOMIC CONDITIONS
Brandt, Eduard. [Estonian S. S. R., the development of its economy] Estonskaia SSR; razvitie ekonomiki. Tallinn, Estonskoe Gos. izd-vo, 1960. 148 p. (DS)

ESTONIA—EMPLOYEES, TRAINING OF
Training and raising the technical qualifications of Estonian workers during the fourth five-year plan. E. E. Jaanvärk Ist. SSSR 6 no. 1 105-114 Ja-F '62.

ESTONIA—FARM MECHANIZATION
Good reputation. S. Zavialov. Sel'. mekh. no. 1:21 '62.

ESTONIA—KNITTING
"Mittens and stockings with Mulgi patterns" [in Estonian] by L. Saks Reviewed by L. Feoktistova. Sov. etn. no. 1 113-114 Ja-F '62.

ESTONIA—OIL SHALES
Mineralogical characteristics of dictyonema shale from the Maardu deposit [with summary in English]. A. A. Koridkov. Izv. AN Est. SSR Ser. fiz.-mat. i tekh. nauk no. 1:67-72 '62.

ESTONIA—RADIO OPERATORS—CONGRESSES
Gathering of Estonian radio amateurs. N. Kazanskii. Radio no. 3:13 Mr '62

ESTONIA—RAILROADS, NARROW-GAUGE
Action of the modern rolling stock on a narrow-gauge track. A. G. Klubar. Put' i put. khoz. 6 no. 3 16-17 Mr '62

ESTONIA—REVOLUTION, 1917-1921
Talgre, Juulo. [How Estonian workers struggled for Soviet rule and peace during the civil war, 1918-1920. Translated from the Estonian] Kuidas Eesti töölised Nõukogude võimu ja rahu eest võitlesid kodusõjas 1918-1920. Tallinn, Estonskoe gos. izd-vo, 1959. 134 p.

ESTONIA—SHALE—THERMAL PROPERTIES
Heat of decomposition of the organic matter in Estonian oil shales [with summary in English]. R. Valdek, N. L. Lutskovskaia, J. Eisen. Izv. AN Est. SSR. Ser. fiz.-mat. i tekh. nauk 10 no. 2:158-166 '61.

ESTONIA—STATE FARMS—MANAGEMENT
Collective management of a state farm. Martin Miachi, Nikolai Evert, Jaak Pikla. Sov. profsoiuzy 18 no. 6, 5-6 Mr '62.

ESTONIA—TECHNOLOGICAL INNOVATIONS
Examples and average standard. P. Volin. Izobr. i rats. no. 2:15-16 F '62.

ESTONIAN LITERATURE—PERIODICALS
"Keel' ia kirjandus" ("Language and literature") nos. 7-9, 1961. Vop. lit. 6 no. 1:238-239 Ja '62.

"Keel' ia kirjandus" ("Language and literature") nos. 10-12, 1961. Vop. lit. 6 no. 2:231-232 F '62.

ESTRUS
Division in the maturation of oocytes in mammalian ovaries at various periods of the estrus cycle and in acute radiation sickness [with summary in English]. V. IA. Karmysheva Biul. eksp. biol. i med. 53 no. 2 93-96 F '62

Sex cycle in rats under the conditions of ovarian denervation [with summary in English]. O. V. Volkova. Biul. eksp. biol. i med. 53 no. 2:89-92 F '62.

ESTUARIES
Channel processes in the mouth of a single-branch stream discharging into a tideless sea. V. N. Mikhailov Trudy Okean. kom. 10 no. 3:123-134 '62.

ETHANE
Emulsion oxidation of alkyl aromatic hydrocarbons under pressure. Part 3. Effect of hydrogen peroxide on the reaction of oxidation of isopropylbenzene and 1,1-diphenylethane. R. V. Kucher, S. D. Kaz'min. Kin. i kat. 3 no. 1, 31-35 '62.

ETHANE—TOXICOLOGY
Role of environmental factors in the immunobiological reactivity of the organism. Report No. 2. Effect of chronic poisoning with carbon tetrachloride and dichlorethane on immunobiological reactivity in rabbits [with summary in English] V. K. Navrotskii Gig. truda i prof. zab. 4 no. 1 28-32 Ja '60

ETHANEDIOL
Glycol ethers and their derivatives. Part 42. Synthesis of esters and mixed ether-esters of 2, 2, 2-trichloro-1, 1-ethanediol Shamkhal Mamedov, F. Gadzhizade Zhur. ob. khim. 32 no. 3 799-802 Mr '62.

Glycol ethers and their derivatives. Part 15. Synthesis of alkoxy derivatives of ethylene glycol methyl ethers. Shakhmal Mamedov, M. A. Avanesian Zhur. ob. khim. 32 no. 3 813-817 Mr '62

ETHANOL
Compounds of platinum with diethanolamine Kh. I. Gil'dengershel' Zhur. neorg. khim. 7 no. 2 233-239 F '62

Thermodynamics of the reactions of multistep complex formation between nickel ions and monoethanoamine A. IA. Sychev, A. P. Gerbeleu Zhur. neorg. khim. 7 no. 2 269-271 F '62

ETHERS
Addition of phenyltetrachlorophosphine to ethyl vinyl ether and the transformation of the adduct into various derivatives of β-ethylvinylphenylphosphinic and β-ethylvinylphenylphosphinous acids K. N. Anisimov, N. E. Kolobova Izv. AN SSSR Otd. khim. nauk no. 3:444-448 Mr '62.

Decomposition of dinitrile of azoisobutyric acid in vinylbutyl ether. M. F. Shostakovskii, V. A. Gladyshevskaia, A. M. Khomutov. Izv. AN SSSR Otd. khim. nauk no. 3:499-505 Mr '62

Interaction of some alkene oxides with carbon oxysulfide. G. A. Razuvaev, V. S. Etlis, L. N. Grobov. Zhur. ob. khim. 32 no. 3 994-996 Mr '62

Synthesis and some transformations of vinyl furfuryl ether. N. I. Uvarova. Izv. Sib. otd. AN SSSR no. 1 78-82 '62.

ETHICS
Morality as a subject of ethical studies [with summary in English] T. V. Kholostova Vest. LGU no. 5 97-110 '62

ETHIOPIA—HISTORY
"History of Ethiopia's struggle for the preservation of her independence" by D. R. Voblikov, book review. Az. i Afr. seg. no. 3:59 Mr '62.

ETHNOLOGY see subdivision under Asia, Southeastern, China; Cuba, Latvia; Oceania, Soviet Central Asia, United States

ETHNOLOGY—BIBLIOGRAPHY see Bibliography—Ethnology

ETHNOLOGY—MAPS see subdivision under Siberia

ETHYL ALCOHOL
Method of separate calorimetry for studying the conversion of ethyl alcohol to acetaldehyde Part 1. Effect of the nature of solid surface T. P. Kornienko, F. G. Kapustina, M. V. Polikov Ukr. khim. zhur. 28 no. 2 192-198 '62

ETHYLAMINE
Quantitative determination of compounds containing the ethylamine groups of dipine and phosphasine A. K. Ruzhentseva, A. M. Chivireva, N. G. Leiferova Med. prom. 16 no. 1,46-47 Ja '62

ETHYLENE
Alkylation of tetrahydrofuran by ethylene in the presence of di-tert-butyl peroxide N. I. Shuikin, B. L. Lebedev

ETHYLENE OXIDE

Optimum conditions for the production of ethylene oxide M. G. Slin'ko and others. Kin. i Kat. 3 no. 1 145-153 '62

ETHYLENE OXIDE—TOXICOLOGY

Clinical aspects of ethylene oxide poisoning [with summary in English] E. M. Bongard, V. F. Shlepin. Gig. truda i prof. zab. 4 no. 2 9-13 F '60

ETHYLENE POLYMERS

Effect of stretching on the structure and properties of polyethyleneterephthalate films. Part 5. X-ray diffraction studies of crystallization processes occurring in uniaxially oriented films [with summary in English] G. L. Berestneva, D. IA. Tsvankin, P. V. Kozlov. Vysokom. soed. 4 no. 12 1787-1793 D '61

ETHYLENEDIAMINE

N-arylsulfonylethylene- and hexamethylenediamines. A. V. Kirsanov, N. A. Kirsanova. Zhur. ob. khim. 32 no. 3 887-892 Mr '62

Prospects for the use of ethylenediamine in electroplating. N. V. Ostrova. Shor. nauch. trud. GINTSVETMET no. 33 396-399 '60

EUCALYPTUS

Origin and evolution of the genus Eucalyptus [with summary in English] F. S. Pilipenko. Bot. zhur. 47 no. 2: 188-201 F '62

EUCOMMIA

(see also subdivision under Ukraine)

Eucommia bark as a new medicinal raw material. A. A. Dolgova. Trudy Kiev. khim.-farm. inst. 12 33-40 '61

EUDIOMETER

Sall', A. O. [Modern industrial infrared (optico-acoustical) gas analyzers] Sovremennye promyshlennye infrakrasnye (optiko-akusticheskie) gazoanalizatory. Leningrad, 1961. 16 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Pribory i elementy avtomatiki, no. 17)

EUPHAUSIIDAE

(see also subdivision under Barents Sea)

Fish meal from krills. L. N. Egorova, V. I. Treshcheva, S. M. Kabozov. Ryb. khoz. 38 no. 3 70-72 '62

EUROPE—PALEONTOLOGY

Conditions of life on the European Continent during the Quaternary period. I. D. Belanovskii. Trudy Kom. chetv. per. no. 26 120-122 '61

EUROPE, EASTERN—GEOLOGY, STRATIGRAPHIC

Principles of the Pleistocene stratigraphy of Eastern Europe. I. M. Van-der Flerk. Trudy Kom. chetv. per. no. 26 3-6 '61

EUROPE, EASTERN—WAGE PAYMENT SYSTEMS

Differentiating the wage rates of the first category in the industry of socialist countries abroad. V. Gruzinov. Sots. trud 7 no. 3,34-40 Mr '62.

EUROPE, WESTERN—ELECTRIC UTILITIES

Electric power consumption in the countries of Western Europe and prospects of its expansion. T. G. Timofeev. Prom. energ. 17 no. 2 37-40 F '62

EUROPE, WESTERN—GRAIN-MILLING MACHINERY

A complex milling system. L. Landa-Dalev. Muk.-elev. prom. 28 no. 2:30-31 F '62.

EUROPEAN COAL AND STEEL COMMUNITY

Heroic struggle of the Decazeville miners against the European Coal and Steel Community. Leon Delfosse. Vsem. prof. dvizh. no. 3 6-8 Mr '62

EUROPEAN COMMON MARKET

The French automobile industry and the "common market". K. Borisova. Mir. ekon. i mezhdunar. otn. no. 4: 113-115 Ap '62

Some results of and prospects for the "integration of Europe". I. Lemin. Mir. ekon. i mezhdunar. otn. no. 4: 21-36 Ap '62

EUROPEAN WAR, 1914-1918 see subdivision under Greece

EVAPORATION

(see also subdivision under Ladoga, Lake)

Calculating the rate of evaporation from a cylinder [with summary in English] IU. N. Liubitov. Inzh.-fiz. zhur. 5 no. 1 55-58 Ja '62

Convective processes in the evaporation of water from vertical cylindrical hollows [with summary in English] V. B. Shein. Inzh.-fiz. zhur. 5 no. 1 52-54 Ja '62.

Evaporation and seepage losses from reservoirs of the trans-Volga region. A. I. Bredis. Nauch. zap. MIIVKH 18,257-267 '57.

Snow evaporators. M. I. Iveronova. Trudy Tbil. NIGMI no. 9 185-190 '61

Thermal and diffusion relaxation in an evaporating drop [with summary in English]. M. V. Bulkov, S. S. Dukhin. Inzh.-fiz. zhur. 5 no. 3:80-87 Mr '62.

EVENING AND CONTINUATION SCHOOLS

In front of the machine and behind the school desk. L. G. Matrosova. Zdorov'e 8 no. 1,18-20 Ja '62.

Let's raise the standards of our night schools. B. A. Kuz'min. Sred. spets. obr. 9 no. 2 1-4 F '62

N. F. Krupskaia on the organization of general education without interruption of work. P. A. Gornostaev. Dokl. APN 5 no. 4:49-52 '61

School for rural youth. V. M. Khachatrian. Dokl. APN 5 no. 4,53-56 '61.

Test papers in evening technical schools and departments. A. N. Nikolaev. Sred. spets. obr. 9 no. 2 8-13 F '62

EVIDENCE

Source of evidence. S. B. Tsereteli. Soob. AN Gruz. SSR 27 no. 3:257-261 S '61

EVIDENCE, EXPERT

How the Supreme courts of the U. S. S. R. and R. S. F. S. R. evaluate the findings of experts. S. V. Borodin, A. IA. Paliashvili. Sov. gos. i pravo 32 no. 4 131-139 Ap '62

Multipurpose expertise in Soviet criminal procedure. I. L. Petrukhin. Izv. vys. ucheb. zav., prav. 6 no. 1 102-110 '62.

EVOLUTION

Harmony between organism and environment. I. I. Granitov, A. D. Piataeva. Trudy TashGU no. 187 87-94 '61.

Mirages of Turgay (to be continued). A. Malkhov. Nauka i zhyttia 11 no. 2 58-61 F '62

Some problems in evolutionary histology; on the 75th birthday of A. A. Zavarzin [with summary in English]. S. I. Shchelkunov. Arkh. anat. gist. i embr. 41 no. 12 3-17 D '61.

Theory of the evolutionary process and problems of modern biology. L. Sh. Davitashvili. Trudy Inst. paleobiol. AN Gruz. SSR no. 6 3-34 '61.

EXAMINATIONS

Test papers in evening technical schools and departments. A. N. Nikolaev. Sred. spets. obr. 9 no. 2 8-13 F '62

EXAMINATIONS, MEDICAL see Diagnosis

EXAMINATIONS BEFORE TRIAL see Preliminary examinations (Criminal procedure)

EXCAVATING MACHINERY

Determining the power expended on digging with a rotary trench excavator. I. N. Shpektorov. Stroi. truboprov. 7 no. 2 15-16 F '62.

Filippov, V. V. [Operation and repair of a bucket excavator] Eksploatatsiia i remont odnokovshovykh ekskavatorov. 2., perer. izd. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1962. 383 p.

Kabanov, V. S. [Efficient use of excavators] Vysokoproizvoditel'noe ispol'zovanie ekskavatorov. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1962. 17 p.

Lengthening the life of stacker belts. S. V. Eroshkin. Ogneupory 27 no. 2 90-93 '62.

Mechanizing the digging of drainage ditches. A. D. Mikhailov. Mekh. stroi. 19 no. 3 21-22 Mr '62.

Modernization of crawler-mounted universal excavators. A. K. Reish. Mekh. stroi. 19 no. 3,15-16 Mr '62

The NMP-100 and NMP-55 multiple-bucket excavators. IU. I. Svirshchevskii, A. G. Khominkov. Biul. tekh.-ekon. inform. no. 2:31-34 '62.

New machinery and methods for forming pits for reinforced concrete supports. M. A. Reut. Mekh. stroi. 19 no. 3 11-12 Mr '62.

Reish, A. K. [Single-bucket construction excavators] Odnokovshovye stroitel'nye ekskavatory. [Kalinin] Proftekhizdat, 1961. 100 plates (in portfolio)

Study of the relationship between the length of the working day of an excavator and its hourly productivity. N. T. Kochetkov. Trudy Gor.-geol. inst. UFAN SSSR no. 57 91-98 '61.

Testing the connection piece of a hydraulic excavator with a damper tube. T. E. Alekseenko. Gidr. stroi. 32 no. 1:38-39 Ja '62.

Unification of the pressure mechanisms of the SE-3 and EKG-4 excavators. V. F. Belousov, V. A. Remarchuk. Mekh. stroi. 19 no. 3:20-21 Mr '62.

Using an excavator in exploring strip mines for concrete aggregates. M. I. Shmakov, V. K. Rode. Gidr. stroi. 32 no. 1:42-43 Ja '62.

Using E-652 and OM-202 excavators on swampy land. V. I. Korolev. Les. khoz. 15 no. 2 59-61 F '62

Work on an excavator. G. Kanashkov. Sel'. mekh. no. 3. 25 '62.

EXCAVATING MACHINERY—SAFETY APPLIANCES

Protection systems against boom expansion on high capacity walking (dragline) excavators. IU. I. Stekolin. Prom. energ. 17 no. 2:23-25 F '62

EXCAVATIONS (ARCHAEOLOGY) see subdivision under Dal'verzin, Andizhan Province; Ural Mountain region

EXCHANGES, LITERARY AND SCIENTIFIC

The acquisition of literature of the European peoples' democracies by the Fundamental Library of Social Sciences of the U. S. S. R. (using as example the book exchange with Poland and Czechoslovakia). I. A. Kaloeva. Trudy Bibl. AN SSSR 5:208-220 '61

Book exchange with foreign institutions. [illegible] the Fundamental Library of Social Sciences. [illegible] Trudy Bibl. AN SSSR 5 191-207 '61

EXERCISE

Effect of negative aero-ions on muscular activity. [illegible] Khuvkina. Trudy Len. obs-va est. [illegible]

Effect of the use of malt extract on biochemical [illegible] in the blood of athletes during work of different [illegible] [with summary in English]. A. E. Filimonova, [illegible] govets. Vop. pit. 21 no. 2 37-40 Mr-Ap '62

Khrystynin, V. I. [Daily hygienic exercises for [illegible] Shchodennaia higienichna gimnastyka dlia zhinok. Kyiv, Derzh. med. vyd-vo URSR, 1961. 40 p. (DNLM)

State of nonspecific increased resistance in [illegible] ing muscular training and training with [illegible] stration of dibazol [with summary in English]. V. I. Rusin. Pat. fiziol. i eksp. terap. 6 no. 1 [illegible] '62

EXERCISE THERAPY

Medical gymnastics in fractures of the humerus. V. [illegible] Kaptelin. Med. sestra 20 no. 12:29-30 D '61

EXHAUST SYSTEMS

DO-11, 5 axial smoke-exhaust fan for boilers with [illegible] per hour capacity. I. L. Dembo. Biul. tekh.-ekon. inform. no. 9:37-38 '62

EXHAUSTION see Fatigue

EXHIBITIONS

Soviet exhibitions abroad in 1962. I. Rotshtein. [illegible] torg. 42 no. 1 15-17 '62.

EXOPHTHALMOS

Malignant exophthalmos in Parkinsonism and [illegible] ria [with summary in French]. D. R. Shtul'man. [illegible] nevr. i psikh. 62 no. 3, 367-371 '62

EXOSTOSIS

Rare case of cortical hyperostosis of the [illegible] Dilich, L. N. Shadrunova. Zdrav. Kazakh. [illegible] '62.

EXPANSION CHAMBER see Cloud chamber

EXPERIMENTAL DESIGN

[Statistical methods for investigating the [illegible] materials in the manufacture of machinery] [illegible] skie voprosy prochnosti v mashinostroenii. Moskva, Mashgiz, 1961. 72 p.

EXPERIMENTAL PSYCHOLOGY see Psychology, Physiological

EXPERT EVIDENCE see Evidence, Expert

EXPLOSIONS

Behavior of shock waves at a long distance from [illegible] of explosion. D. F. Okhotnimskii, Z. P. Vlas[illegible] vych. mat. i mat. fiz. 2 no. 1 107-121 Ja-F '62

EXPLOSIVES

Explosive substances in forest fire control. [illegible] chenko. Les. khoz. 15 no. 3 81-84 Mr '62

EXPONENTIAL FUNCTIONS see Functions, Exponential

EXPULSION

They were sentenced by the Soviet public. A. Iskrov. Sov. deput. trud. no. 3 67-68 Mr '62.

EXTRACTION (CHEMISTRY)

A specific case of element separation by [illegible] I. S. Levin. Izv. Sib. otd. AN SSSR no. 1 [illegible] '62

EXTRACTION APPARATUS

Rotary extraction column with alternating [illegible] free separation zones. N. I. Gel'perin, V. I. [illegible] M. I. Kuznetsova. Zhur. VKHO 7 no. 1,114 [illegible]

EXTRACTS

Experimental verification of the methods for [illegible] colored vegetable extracts, recommended by [illegible] tova for determining their content of [illegible] D. I. Beltsev. Vop. pit. 21 no. 2,85-86 Mr-Ap '62

EXTREMITIES (ANATOMY)

Effect of occupational workloads on the extremities of female workers engaged in the mechanized [illegible] poultry [with summary in English]. I. N. Nikitenko [illegible] truda i prof. zab. 5 no. 6 19-22 Je '61

EXTREMITIES (ANATOMY)—INNERVATION

Surgical treatment of injuries of the nerves of the extremities. K. A. Grigorovich. Vest. khir. [illegible] 91-98 '62.

EXTREMITIES (ANATOMY)—SURGERY

Some experience in the use of intra-articular [illegible] on the extremities. N. S. Bondarenko. Ortop. [illegible] i protez. no. 2:66 '62.

EXTREMITIES, LOWER—BLOOD SUPPLY

Dynamics of the blood supply to the lower extremities in bone fractures. IU. N. Belokurov. Ortop. [illegible] i protez. no. 2:33-37 '62.

EXTREMITIES, LOWER—DISEASES

Acute thrombophlebitis of the lower extremities and its treatment M. I. Levin Med. sestra 20 no 12 6-10 D '61

Indications for restorative operations in thrombo-obliterating arterial diseases of the lower extremities in the light of clinical and anatomical comparisons [with summary in English] I. G. Dul'kevich. Vest. khir., no. 8 40-45 '61

Respiratory phenomenon in varicose venous dilatation of the lower extremities. V. S. Mzhel'skii. Vest. khir., no. 8 19-52 '61.

EXTREMITIES, LOWER—ULCERS

Treatment of nonhealing ulcers of the lower extremities with skin transplantation. Z. P. Lubegina. Vest. khir., no. 3 81-84 '62.

Treatment of trophic ulcers of the lower extremities K. P. Edakova. Vest. khir., no. 8 104-105 '61.

EXTREMITIES, UPPER—SURGERY

[Multivolume manual on surgery] Mnogotomnoe rukovodstvo po khirurgii. Moskva, Medgiz.

Vol. 11, book 1. Chuklin, V. D., ed. [Surgery of the upper extremities] Khirurgiia verkhnei konechnosti 1960. 518 p

EXTRUSION (METALS)

Favorskii, V. E. [Cold extrusion of three-dimensional parts] Opyt kholodnogo vydavlivaniia ob"emnykh detalei. Leningrad, 1962. 19 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia. Gorlachaia i kholodnaia obrabotka metallov davleniem, no. 3)

Making forgings of crankshaft journals for motorbikes by hot extrusion. Iu. I. Konovalov. Kuz.-shtam. proizv. 4 no. 3: 43-45 Mr '62.

EXTRUSION (METALS)—CONGRESSES

Technological conference-seminar on cold extrusion. V. P. Romanovskii. Kuz.-shtam. proizv. 4 no. 3:47-49 Mr '62.

EYE

Polysaccharides in the epithelium of the cornea and mucous membrane of the eye in embryogenesis [with summary in English]. V. A. Vasil'eva. Arkh. anat., gist. i embr. 39 no. 12:30-41 D '61.

Transformation of the pigmented epithelium of the eye into the retina during advanced stages of embryogenesis in rats. O. G. Shroeva. Dokl. AN SSSR 143 no. 4 991-993 Ap '62.

EYE—BURNS AND SCALDS

Prevention and first aid in eye burns and injuries A. I. Mizina Feld. i akush. 27 no. 1 31-36 Ja '62.

EYE—DISEASES AND DEFECTS

Clinicomorphological changes in the eye related to congenital vitium cordis of the cyanotic type [with summary in English]. T. A. Fedotova, R. P. Kogan. Ginek. i akush. 1 no. 5:43-51 S-O '60

Condition of the fundus in rheumatic heart disease [with summary in English] F. I. Anina. Oft. zhur. 17 no. 1 50-53 '62

Diphtheria of the eye according to data from the First [Kazan] Hospital for Infectious Diseases N. P. Vasil'eva, A. B. Shagidullina. Kaz. med. zhur., no. 5:75 S-O '61.

Significance of quantitative perimetry by Harms method in diseases of the optic nerve apparatus of the eye [with summary in English]. IA. I. Pizhibyl'skaia. Oft. zhur. 17 no. 1 24-32 '62

Treatment of some eye diseases using the method of blood implantations after Kliukvina. V. S. Smutkina. Kaz. med. zhur. no. 5:74-75 S-O '61.

"Use of X-rays in the diagnosis and treatment of eye diseases" by L. IA. Itsikson, F. S. Valnshtein. Reviewed by G. V. Panfilova. Oft. zhur., 17 no. 1 64 '62.

EYE—DISEASES AND DEFECTS—CONGRESSES

Conference of nurses of the Perm Eye Clinic A. F. Sanacheva Med. sestra 21 no. 2 64 F '62

EYE—EXAMINATION

Apparatus for clinical investigation of pupillary orientation and photoreactions and the motion of the eyeball and lids in man. O. IE. Liberman. Fiziol. zhur. [Ukr.] 7 no. 6 846-848 N-D '61.

EYE—FOREIGN BODIES

Chutko, M. B. [Glass and stone splinters in the eye] Oskolki stekla i kamnia v glazu. Izd. 2., dop. [Leningrad] Medgiz, 1961. 150 p. (DNLM)

Glass and stone fragments in the eye M. B. Chutko. Med. sestra 21 no. 2 31-37 F '62

EYE—INNERVATION

Antidromic vascular and pupillary reactions in rabbits under the influence of radiations [with summary in English] L. D. Klimovskaia. Biul. eksp. biol. i med. 53 no. 1 22-25 Ja '62.

EYE—MOVEMENTS

Comparative analysis of touch and vision. Report No. 9. Characteristics of eye movement in preschool children during fixation. V. P. Zinchenko, A. G. Ruzskaia, V. V. Tarakanov. Dokl. APN S no. 6 81-84 '61.

EYE—SURGERY

Care of patients following an operation for a cataract I. S. Gudkova Med. sestra 21 no. 2 49-51 F '62

Effectiveness of goniotomy and goniopuncture in hydrophthalmia [with summary in English] I. S. Cherkasov Oft. zhur. 17 no. 1 39-45 '62

Forceps-localizer for recession operation in strabismus [with summary in English] N. I. Pil'man Oft. zhur. 17 no. 1 59-60 '62

Nonperforating diathermocoagulation in glaucoma [with summary in English] R. A. Batarchukov Oft. zhur. 17 no. 1 45-50 '62

One-step operation to correct ptosis and strabismus following trauma [with summary in English] M. V. Zaikova Oft. zhur. 17 no. 1 56-58 '62

Sclerotomoiridectomy in glaucoma. Z. S. Shkarenko. Med. zhur. Uzb. no. 5 46-49 My '60.

EYE—TENSION see Intraocular pressure

EYE—WOUNDS AND INJURIES

(see also subdivision under Uzbekistan)

Diagnosis and treatment of subconjunctival lacerations of the sclera F. V. Pripechek Vrach. delo no. 8 79-82 Ag '61.

One-step operation to correct ptosis and strabismus following trauma [with summary in English] M. V. Zaikova Oft. zhur. 17 no. 1 56-58 '62

Prevention and first aid in eye burns and injuries A. I. Mizina Feld. i akush. 27 no. 1 31-36 Ja '62

EYELIDS—SYPHILIS

Case of gumma of the eyelid N. V. Golubitskaia Oft. zhur. 17 no. 1 60-61 '62.

FABLES

Kirianov, N. B. [Personal pig; fables] Personal'naia svin'ia, basni. [Tula] Tul'skoe knizhnoe izd-vo, 1960. 35 p. (CU)

Kovalenko, A. P. [Fables] Basni. [Saratov] Saratovskoe knizhnoe izd-vo, 1961. 30 p. (MU)

FACADES

High-quality and economical facing materials. I. M. Leibman Stroi. mat. 8 no. 2,22-23 F '62

FACE—RADIOGRAPHY

Lapidus, F. I. [Tomography of the maxillofacial region] Poshatovye rentgenologicheskie issledovaniia shcheliepnolyst'ovoi dilianky Kyiv, Derzh. med. vyd-vo URSR, 1961. 177 p. (DNLM)

FACE—SURGERY

Use of plastic (egmass-12) in maxillofacial surgery. S. Z. Zailalutdinova. Kaz. med. zhur. no. 1 49-51 Ja-F '62.

FACIAL PARALYSIS see Paralysis, Facial

FACTORIES—DESIGN AND CONSTRUCTION

Alekseenko, V. I., and others. [Design and planning of new and reorganized factories for artificial (rubber-type) leather] Proektirovanie novykh i rekonstruirovannykh predpriiatii iskusstvennoi kozhi (tipa reziny). Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1961. 102 p.

Making attractive work surroundings. L. Vladimirov. Znan.sila 37 no. 2 16-20 F '62.

Technical and economic analysis of the installation of bearing elements in industrial buildings M. D. Spektor. Prom. stroi. 40 no. 3:23-25 '62

FACTORIES—EQUIPMENT AND SUPPLIES

Sectional equipment for a working place E. Andreev, V. Zakharov Nauka i zhizn' 29 no. 1 110-111 Ja '62

FACTORIES—HEATING AND VENTILATION

Ventilation in assembly and welding shops. T. S. Karacharov, L. I. Voronisova, V. M. El'terman. Svar. proizv. no. 1:35-39 Ja '62.

FACTORIES—SAFETY MEASURES see subdivision under Sezimovo Usti

FACTORS (ALGEBRA)

Division of the product increment [with summary in German]. A. Rumal. Izv. AN Est. SSR. Ser. fiz.-mat. i tekh. nauk no. 1:3-9 '62.

FACTORY LIBRARIES see subdivision under Slavgorod

FACTORY MANAGEMENT

Malakhov, I. K. [Organization and planning of production processes in a machine-shop foreman's area] Organizatsiia i planirovanie proizvodstva na uchastke mastera mekhanicheskogo tsekha. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1962. 130 p.

FACTORY SANITATION

Active group of sanitary workers of the steel-founding shop of a car and locomotive works. S. I. Svetlov. Med. sestra 21 no. 1:54 Ja '62.

Manzon, A. I. [Safety regulations and factory sanitation] Tekhnika bezpeky ta vyrobnycha sanitariia. Kyiv, Derzh. vyd-vo tekhn. lit-ry URSR, 1961. 88 p. (Biblioteka avtomobilista)

Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Safety and factory sanitation regulations SN 191-61 for enterprises of the glass industry] Pravila tekhniki bezopasnosti i proizvodstvennoi sanitarii na predpriiatiiakh stekol'noi promyshlennosti SN 191-61. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 86 p.

FADEEV, ALEKSANDR ALEKSANDROVICH, 1901-1956

Borovikova, N. M. A. A. Fadeev. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1962. 61 p.

FALLOPIAN TUBES—DISEASES

Torsion of the ovary and fallopian tube in combination with acute appendicitis in a 10-year-old girl H. G. Galautin Vop. okh. mat. i det. 6 no. 12 80-82 D '61

FALLOPIAN TUBES—SURGERY

Pregnancy in the stump of a removed tube. L. I. Karvnbacva Zdrav. Kazakh. 22 no. 1 73-75 '62

FALLOWING

Farming in virgin areas without clean fallow. G. L. IUmagulov Zemledelie 24 no. 2 10-17 F '62

Winter crop yields following green fallows and unfallowed fields I. T. Korolev Trudy Vseros. nauch.-issl. inst. sakh. svekly 1 sakh. 1 no. 2 8-19 '61

FAN (AFRICAN PEOPLE)—TRIBAL GOVERNMENT

The role of the chieftains of the Fang and Bakongo tribes N. I. Vysotskaia Sov. etn. no. 1 71-75 Ja-F '62

FANS, MECHANICAL

New governor for centrifugal fans. V. I. Rubinov Prom. energ. 17 no. 2 12-13 F '62

FAR EAST—WORLD WAR, 1939-1945

Sevost'ianov, G. N. [Preparation for war in the Pacific Ocean, September 1939-December 1941] Podgotovka voiny na Tikhom okeane, sentiabr' 1939-g.-dekabr' 1941 g. Moskva, Izd-vo Akad. nauk SSSR, 1962. 590 p.

FAR EAST, SOVIET see Soviet Far East

FARM BUILDINGS

(see also subdivision under Nedrigaylov District)

Vitkauskas, Vytautas. [Work of a rural construction worker] Kaimo statybininko darbai. Vilnius, Lietuvos TSR Ministru Tarybos Valstybinio statybos ir architekturos reikalu komiteto Centrinis technines informacijos ir propagandos biuras, 1961. 155 p. (I pagalba kaimo statybininkui) [In Lithuanian]

FARM BUILDINGS—MAINTENANCE AND REPAIR

Repair of farm buildings. Sil'. bud. 11 no. 11 19-21 N '61

FARM CROPS see Field crops

FARM MANAGEMENT

(see also subdivision under Tula Province, Virgin Territory; Yermak District)

Khrushchev, N. S. [Present-day stage of the building of communism and tasks of the party in the improvement of agricultural management] Sovremennyi etap kommunisticheskogo stroitel'stva i zadachi partii po uluchsheniiu rukovodstva sel'skim khoziaistvom. Moskva, Gos. izd-vo polit. lit-ry, 1962. 447 p.

FARM MECHANIZATION

(see also subdivision under Altai Territory, Andizhan Province; Astrakhan Province; Chechen-Ingush A. S. S. R., Estonia; Kuban; Latvia, Ukraine, Uzbekistan; Voronezh Province)

Contribution of science of agriculture. I. Safronova, V. Malugin, A. Igiltskii. V mire knig 2 no. 3-14 Mr '62

Correspondence with readers Sel'. mekh. no. 1 44 '62.

Farm mechanization and the utilization of machinery in agriculture A. Budantsev, V. Efimov Kommunist 38 no. 5 50-60 Mr '62.

Karmyshev, Abdykadyr. [Our practices of mechanizing livestock farms] Nash opyt mekhanizatsii truda v zhivotnovodstve. Frunze, Kirgizskoe gos. izd-vo, 1960. 57 p. (Peredovoi opyt v sel'skom khoziaistve Kirgizii) (DA)

Personal responsibility. Komsom. zhizn' no. 5 3-7 Mr '62.

Zhurikov, V. N. [Overall mechanization is the way for agricultural development] Kompleksnaia mekhanizatsiia - put' razvitiia sel'skogo khoziaistva. Moskva, Gos. izd-vo polit. lit-ry, 1961. 62 p. (Ekonomicheskie znaniia - truzhenikam sela) (DA)

FARM MECHANIZATION—BIBLIOGRAPHY see Bibliography—Farm mechanization

FARM MECHANIZATION—STUDY AND TEACHING see subdivision under Norilsk

FARM MECHANIZATION—TECHNOLOGICAL INNOVATIONS

[Inventors and innovators suggest: inventions, innovations and suggestions on the mechanization of agriculture] Izobretateli i ratsionalizatory predlagaiut, izobreteniia, usovershenstvovaniia i ratsionalizatorskie predlozheniia po mekhanizatsii sel'skokhoziaistvennogo proizvodstva. [Moskva] Mosk. rabochii, 1962. 111 p.

FARM PRODUCE—COSTS see subdivision under Uzbekistan

FARM PRODUCE—MARKETING

TSelykovskaia, E. A. [Collective-farm trade and its significance for the national economy] Kolkhoznaia torgovlia i ee narodnokhoziaistvennoe znachenie. [Leningrad] Izd-vo Leningr. univ., 1961. 32 p.

FARMHOUSES see subdivision under Ukraine

FASCIAE (ANATOMY)

Kovanov, V. V., and T. I. Antkina. [Surgical anatomy of the fasciae and fascial spaces in man] Khirurgicheskaia anatomiia fastsii i kletchatochnykh prostranstv cheloveka. Moskva, Medgiz, 1961. 209 p. (DNLM)

FASHION

[Fashion magazine] Zhur. mod. 17 no. 4 '62.

Styles in knitwear for 1962. I. I. Vol'man. Tekst. prom. 22 no. 3:15-16 Mr '62

FASSI, ABDELKEBIR, 1920-

People and events. Nov. vrem. 20 no. 13:12, 22-25 Mr '62

FASTING

Hunger cure. A. V. Alekseev. Nauka i zhizn' 29 no. 2:79-81 F '62

FAT

Refractometric determination of fat in whale meal. A. N. Golovin. Ryb. khoz. 38 no. 3:72-74 '62

FAT—PHYSIOLOGICAL EFFECT

Effect of acute fat loads on blood serum lipoids in clinically normal subjects and in atherosclerosis in elderly and senile patients [with summary in English]. V. I. Kalnybova. Terap. arkh. 34 no. 2:31-38 '62

FAT METABOLISM

Effect of phenol antioxidants on the assimilation of melted swine fat [with summary in English]. G. E. Budagian, L. I. Smirnova. Vop. pit. 21 no. 2:47-50 Mr-Ap '62

Interactions between free and bound cholesterol in nutrition with quantitatively different fats [with summary in English]. E. I. Dolidze. Vop. pit. 21 no. 2:16-20 Mr-Ap '62

Role of the cells of the intestinal epithelium of the villi in the mechanism of absorption of nutritional fats [with summary in English]. M. I. Razumov. Vop. pit. 21 no. 2:20-26 Mr-Ap '62

Total fat and lipase in the blood of cattle with diseases of the digestive tract with manifestations of atony of the rumen and following treatment with insulin. A. S. Kinash. Dop. UASHN 3 no. 2:51-53 Mr-Ap '60

FAT TISSUE see Adipose tissues

FATEZH DISTRICT—EDUCATION, PRESCHOOL

Comments by the heads of collective farms. V. A. Ivanova, L. I. Kanashenkova, A. Makarov. Doshk. vosp. 35 no. 3:41-43 Mr '62

FATIGUE

Study of working capacity in the operation of various types of conveyers. Z. M. Zolina, E. V. Podoba, V. P. Solov'eva. Gig. truda i prof. zab. 4 no. 11:45-49 N '60

FATIGUE TESTING MACHINES

Endurance test of connecting rods of internal combustion engines with cyclic loading under simulated operating conditions. I. B. Klibanskii. Sbor. trud. Inst. mash. i avtom. AN BSSR no. 2:3-28 '61

FATS see Oils and fats

FATTY ACIDS see Acids, Fatty

FAULTS (GEOLOGY)

(see also subdivision under Emba region; Krivoy Rog Basin; Sakhalin)

Time of the formation of tectonic faults in the salt dome structures of the southern Emba region. Kh. Kalabaev. Izv. AN Kazakh. SSR. Ser. geol. no. 4:92-96 '61.

FAVUS

Work in eliminating favus. G. A. Mulagulova, G. S. Sokolenko, P. I. Volova. Zdrav. Kazakh. 21 no. 12:27-29 '61.

FEDCHENKO—BOTANY

Vegetation of the Fedchenko Glacier region, valley of the Kaindy River. G. M. Ladygina. Bot. zhur. 47 no. 3:381-388 Mr '62

FEDERAL GOVERNMENT

How V. I. Lenin developed the Marxist theory of federal government. B. L. Manelis. Sov. gos. i pravo 32 no. 4:17-28 Ap '62.

FEDIN, KONSTANTIN ALEKSANDROVICH, 1892-

Life, work, creativity. M. Prilezhaeva. Sov. voin. 44 no. 5:13 Mr '62.

FEDOTOV, NIKOLAI PETROVICH, 1901-

Professor Nikolai Petrovich Fedotov; on his 60th birthday. G. I. Mendrina, S. F. Grigor'ev. Sov. zdrav. 21 no. 3:99-100 '62.

FEED MECHANISMS

Povidailo, V. A. [Design and construction of vibratory feeders] Raschet i konstruirovanie vibratsionnykh pitatelei. Moskva, Mashgiz, 1962. 149 p.

Redesigning the feed mechanism of pendulum saws. L. N. Gorodetskii, A. I. Staroscl'skii. Stal' 22 no. 3:255 Mr '62

FEED WATER

Concerning A. P. Mamet's article "Relative alkali content of feed water." I. G. Nekrasov. Elek. sta. 33 no. 1:91 Ja '62

Determination of the salt content in feed water. I. G. Nekrasov, A. P. Udachina. Elek. sta. 33 no. 2:85-86 F '62

Direct determination of zinc content in condensate. L. V. Kiseleva. Elek. sta. 33 no. 1:80 Ja '62

FEED-WATER PURIFICATION

Conditions for sediment formation in the presence of a number of scale forming substances and methods for preventing such formations. N. N. Mankling. Elek. sta. 33 no. 2:13-16 F '62

Electromagnetic method for conditioning feed-water. P. T. Liubarets. Sum. prom. 37 no. 3:26-27 Mr '62

Improvement of thermal deaerators. G. I. Peili, M. S. Skibitskii. Elek. sta. 33 no. 1:21-26 Ja '62

FEEDING

Zaderii, I. I. [Feeding farm animals with beet pulp] Hodivlia sil's'kohospodars'kykh tvaryn zhomom. Vyd. 2., perer. i dop. Kyiv, Derzh. vyd-vo sil's'kohospodars'koi lit-ry, URSR, 1960. 101 p. (DA)

FEEDS

(see also subdivision under Tajikistan)

New automatic device for preparing mixed feeds. M. Morozov. Muk.-elev. prom. 28 no. 2:15-16 F '62.

Simplified accounting of work operations in mixed fodder departments. I. Koretskii. Muk.-elev. prom. 28 no. 2:29 F '62.

We are improving the economy of our combined fodder plant. V. TSimberg. Muk.-elev. prom. 28 no. 2:23 F '62.

FEEDS—ANALYSIS

Accelerated determination of carotine in feeds. L. V. Andreevskaia. Dop. UASHN 3 no. 2:33-35 Mr-Ap '60

FELDSPAR

Use of feldspar concentrates for glassmaking. V. P. Anishchenko, A. N. Artemenko, N. P. Kaukina. Stek. i ker. 19 no. 3:40-41 Mr '62.

FELON (DISEASE)

Prevention of paronychia at feldsher stations. O. D. Shabanov. Fel'd. i akush. 27 no. 1:54 Ja '62

Purulent diseases of the fingers and hand. I. V. Startsev. Med. sestra 20 no. 12:17-22 D '61

Surgical and biological method of treating skin paronychia. P. I. Gurov. Zdrav. Kazakh. 22 no. 1:70-71 '62

FEMUR—FRACTURE

Differentiation of intra- and extra-articular fractures of the upper end of the femur. M. O. Fridland, L. N. Kontushevskii. Ortop., travm. i protez. no. 2:24-28 '62.

Use of a metal screw for osteosynthesis in medial fractures of the femoral neck. P. I. Sapozhkov, I. IU. Knem. Vrach. delo no. 8:142-143 Ag '61

FENCING

Golden foil. Ul. Vel'tau. Belarus' 19 no. 3:25 Mr '62

FEOFILAKT, Abp. of Tver, d. 1741

The library of Feofilakt Lopatinskii. A. N. Lavrovskii. Trudy Bibl. AN SSSR 5:157-166 '61.

FERDOWSI

Some commentaries to the text of Ferdowsi's "Shah-nama." A. Nushin. Nar. Azii i Afr. no. 1:156-160 '62

FERGANA—ANTHICIDAE

New species of Mecynotarsus (Coleoptera, Anthicidae) from the Fergana Valley. L. N. Medvedev. Uzb. biol. zhur. 6 no. 1:72 '62.

FERGANA—BOTANY

Flood plain vegetation of the Fergana Valley. M. M. Arifkhanova. Trudy TashGU no. 187:77-80 '61.

FERGANA—GEOLOGY, STRATIGRAPHIC

Devonian sediments in southern Fergana. G. A. Kaleda. Vop. geol. IUzh. Tian'-Shania 2:183-239 '60.

Lithology and stratigraphy of Cretaceous deposits in northeastern Fergana, account of work completed by the geological expedition to southern Kirghizistan. N. N. Verzilin. Trudy Len. ob-va est. 72 no. 1:72-77 '61

FERGANA—PHYSICAL GEOGRAPHY

Geology and origin of the relief in southeastern Fergana. IU. IA. Kuznetsov. Vop. geol. IUzh. Tian'-Shania 2:3-102 '60.

FERGANA—REVOLUTION, 1917-1921

In the Institute of History and Archaeology of the Academy of Sciences of the Uzbek S. S. R. B. L. Knopov. Obshchestv. nauki v Uz. 6 no. 1:67-68 '62.

FERMENTATION

"Continuous fermentation and cultivation of microorganisms" Reviewed by A. F. Berenshtein. Spirt. prom. 28 no. 2:43-45 '62.

Determination of unfermented carbohydrates in intermediate products of alcoholic fermentation. A. P. Rukhliadeva, T. G. Filatova. Spirt. prom. 28 no. 2:11-16 '62.

Requirement in thermotolerant yeasts of supplementary growth factors [with summary in English]. I. G. Tugai-nova, N. F. Gerasimova, L. M. Sergina. Mikrobiologiia 31 no. 1:29-31 Ja-F '62

Thermal effect in the fermentation of molibdotes. B. G. Fedoseev, G. I. Shulykh. Med. prom. 16 no. 1:14-16 Ja '62

FERMENTATION GUM see Dextran

FERMENTS see Enzymes

FERMI SURFACES

Fermi surface in silver [with summary in English]. N. P. Alekseevskii, Iu. P. Gaidukov. Zhur. eksp. i teor. fiz. 42 no. 1:68-71 Ja '62

Studying the Fermi surface in lead by the cyclotron resonance method [with summary in English]. M. S. Khaikin, R. T. Mina. Zhur. eksp. i teor. fiz. 43 no. 1:35-41 Ja '62.

Studying the Fermi surface in tin by the cyclotron resonance method [with summary in English]. M. S. Khaikin. Zhur. eksp. i teor. fiz. 42 no. 1:77-84 Ja '62

FERNS

(see also subdivision under Adzharistan, Caucasus, Northern; Latvia)

Guide for the identification of the species of fern forms of the subfamily Pteridea Diels in the flora of the USSR. A. N. Sladkov. Nauch. dokl. vys. shkoly, biol. nauki no. 1:128-134 '62.

FERRATES

Mutual coupling phenomenon in a system of magnetized ferrite samples. A. I. Mikaelian, V. IA. Antonitanis. Radiotekh. i elektron. 7 no. 4:623-630 Ap '62

Theory of the ferromagnetic resonance in uniaxial single ferrate crystals. L. G. Onoprienko. Fiz. met. i metallored. 13 no. 1:151-154 Ja '62

FERROCYANIDES

Recovery of mixed ferrocyanides of heavy metals from their hydrosols in colloidal solutions by the emulsification method. Part 2. Effect of electrolyte addition. L. D. Skrylev, V. I. Borisikhina, S. G. Mokrushin. Iz. vys. ucheb. zav., khim. i khim. tekh. 4 no. 6:958-960 '61

FERROMAGNETIC RESONANCE

Measurement of ferrite parameters at super-high frequencies. A. G. Gurevich and others. Zav. lab. 28 no. 2:188-195 '62

Theory of the ferromagnetic resonance in uniaxial single ferrate crystals. L. G. Onoprienko. Fiz. met. i metallored. 13 no. 1:151-153 Ja '62.

FERROMAGNETISM

Encouraging students' thinking during the study of ferromagnetism. I. P. Fedotov. Dokl. APN 5 no. 6:23-27 '61

Theory of the magnetization curve of uniaxial single crystals. L. G. Onoprienko. Fiz. met. i metallored. 13 no. 1:149-151 Ja '62

FERROSILICON—METALLURGY

Production of 75-percent ferrosilicon in rotary hearth furnaces. V. N. Gusarov, B. V. Voskresenskii, M. A. Ryss. Stal' 22 no. 3:240-242 Mr '62.

FERTILIZATION (BIOLOGY)

Fertilization and development of the roe of the White Sea herring (Clupea harengus Pallasi m. maris-albi Berg (var. A)) in waters of different salinity. L. A. Gaikina. Dokl. AN SSSR 143 no. 2:479-482 Mr '62.

FERTILIZATION OF PLANTS

Biology of the fertilization of pecan in humide subtropical areas. M. S. Kvaratskheliia. Agrobiologiia no. 2:151-154 Ja-F '62.

Nucleoles in sunflowers after fertilization. D. G. Simonian. Izv. AN Arm. SSR. Biol. nauki 14 no. 11:39-44 N '61.

FERTILIZER SPREADERS

Irrigation and fertilizer application with the help of hydraulic drills are the basis for increased crop yields. S. M. Rubin, G. S. Bichutskii. Zemledelie 24 no. 2:80-82 F '62.

FERTILIZERS AND MANURES

(see also subdivision under Tarashcha District)

Berezova, E. F., and L. M. Dorosinskii, eds. [Bacterial fertilizers] Bakterial'nye udobreniia. Leningrad, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 400 p. (DA)

Chemical fertilizers from phosphorites of the Lake Baikal region. A. S. Chernlak, E. M. Esmont, V. G. Shemetova. Izv. Sib. otd. AN SSSR no. 1:101-104 '62.

Effect of proper irrigation and fertilizing on the metabolism, growth, and development of certain kinds of trees in arid regions [in Azerbaijani with summary in Russian]. Sh. G. Nadzhafov. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 11:3-11 '61.

FERTILIZERS AND MANURES (Continued)

Effectiveness of using peat as fertilizer and litter [I. Teregulov, Pchel. sel'khoz. 43 no. 1 61-67 Ja '62.

The food of soil. I. I. Lalkevich. Zemledelie 24 no. 3 71-73 Mr '62

Mechanization of the row placement of organic-mineral fertilizers. I. G. Kaplan, I. N. Pantelev. Zemledelie 24 no. 3 73-76 Mr '62

Organic-mineral fertilizers and composts. A. Georgiev. Zemledelie 24 no. 2 67-70 F '62.

Results of field station experiments in studying fertilizer management systems for crop rotations. E. N. Alekseeva. Trudy Vsesoiuz. nauch.-issl. inst. sakh. svekly i sakh. 1 no. 1 15-95 '60

FERTILIZERS AND MANURES—BIBLIOGRAPHY see Bibliography—Fertilizers and manures

FERULA see subdivision under Turkmenistan

FESENKOV, VASILII GRIGOR'EVICH, 1889-

Akademiia nauk SSSR. Vasilii Grigor'evich Fesenkov. Ustup. stat'ia N. B. Divari. Bibliografiia sostavlena O. V. Isakovoi. Moskva, 1961. 114 p. (Materialy k bibliografii uchenykh SSSR. Seriia astronomii, vyp. 1)

FESTIVALS

[Present-day folk festivals and rituals] Sovremennye narodnye prazdniki i obriady. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 109 p. (Bibliotechka sel'skogo klubnogo rabotnika, no. 10)

FETUS

Change in the phonocardiogram of the fetus in labor during the coiling of the umbilical cord [with summary in English]. T. V. Chelyakova. Vop. okh. mat. i det. 7 no. 1 64-70 Ja '62.

Hormonal interrelations between mother and fetus in mammals [with summary in English]. M. S. Mitskevich. Zhur. ob. biol. 23 no. 1, 35-44 Ja-F '62.

Intrauterine determination of fetal weight by Strelkova's method. V. I. Davydov. Akush. i ginek. (Moskva) no. 5:58-59 S-O '61

Participation of suprarenal glands and ovaries in the morphogenesis of genitals during the development of human fetus. S. E. Levina. Biul. MOIP, Otd. biol. 67 no. 1:158-159 Ja-F '62.

Some characteristics of higher nervous activity in adult animals irradiated with fonting radiations before birth. Report No. 4: State of higher nervous activity in adult white rats irradiated daily with small doses of X-rays throughout the entire period of antenatal development [with summary in English]. I. A. Piontkovskii, V. N. Semagin. Biul. eksp. biol. i med. 52 no. 11:18-22 N '61

Somitic differentiation in the fetuses of Karakul sheep (Ovis aries Karakul) [with summary in English]. L. V. Danilova. Izv. AN SSSR, Ser. biol. 27 no. 1, 70-83 Ja-F '62.

FEUDAL LAW

Panov, V. S. [The feudal state and law] Feodal'noe gosudarstvo i pravo. Moskva, M-vo vysshego i srednego spetsial'nogo obrazovaniia RSFSR, 1960. 36 p. (Lektsii po kursu teorii gosudarstva i prava, no. 7) [MICROFILM]

FEUDALISM

(see also subdivision under China)

Panov, V. S. [The feudal state and law] Feodal'noe gosudarstvo i pravo. Moskva, M-vo vysshego i srednego spetsial'nogo obrazovaniia RSFSR, 1960. 36 p. (Lektsii po kursu teorii gosudarstva i prava, no. 7) [MICROFILM]

FEVER

Case of postoperative hyperthermic syndrome in a 7-year-old child. M. S. Dats-Fpshtein, IA. S. Kotiger. Vop. okh. mat. i det. 6 no. 12 76-78 D '61

Diagnostic value of the pyramidon test in subfebrile conditions. I. V. Shchibraeva. Akush. i ginek. (Moskva) no. 5:77-78 S-O '61.

Experimental data on heat exchange in fever and dinitrophenol hyperthermia [with summary in English]. E. S. Gramenitskaia. Biul. eksp. biol. i med. 53 no. 2 72-74 F '62.

FEVER, ENTERIC see Typhoid fever

FIBER GLASS see Glass fibers

FIBER GLASS REINFORCED PLASTICS see Glass reinforced plastics

FIBROSIS

Fibrosarcous action of barite. E. M. Kakauridze, A. A. Narsia. Gig. truda i prof. zab. 4 no. 12 43-45 D '60.

FIBULA—FRACTURE

Two cases of intraosseous fixation in open fractures of the bones of the shin. D. I. Muratov. Vest. khir. no. 3 133-134 '62.

FIELD CROPS

Put agricultural resources in the service of field production. Zemledelie 24 no. 3:3-8 Mr '62.

FIELD CROPS—DISEASES AND PESTS

Mastauskis, St. [Protecting field crops from pests] Lauko kultūrų apsauga nuo kenkėjų. Trečiasis patalsytas ir papildytas leidimas. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 181 p. [In Lithuanian]

(DA)

Testing disinfectants in the control of farm crop diseases. I. V. Popova. Trudy Vsesoiuz. nauch.-issl. inst. sakh. svekly i sakh. 1 no. 2 66-70 '61

FIELD CROPS—FERTILIZERS AND MANURES see subdivision under Kuban

FIELD MICE

(see also subdivision under Badkhyz)

Intraspecific variability of the red vole Clethrionomys rutilus Pall. [with summary in English]. O. L. Rossolimo. Zool. zhur. 41 no. 9 1443-152 N '62.

Migrations of water voles Arvicola terrestris L. and their role in the formation of epizootics of tularemia [with summary in English]. V. A. Kraft. Zool. zhur. 40 no. 12 1883-1891 D '61

FIELD MICE—EXTERMINATION see subdivision under Moscow

FIELD OF VISION, MEASUREMENT OF see Perimetry

FIELD THEORY

Generalized nature of commutative functions. D. A. Slavnov. Dokl. AN SSSR 143 no. 3 570-573 Mr '62

Gol'dfain, I. A. [Vector analysis and field theory] Vektornyi analiz i teoriia polia. Pod red. R. S. Gutera. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1962. 132 p. (Dlia shkol'nikov vysshei matematiki dlia inzhenerov i studentov vtuzov)

Landau, L. D., and E. M. Lifshits. [Field theory] Teoriia polia. Izd. 4., ispr. i dop. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1962. 422 p. (Their Teoreticheskaia fizika, t. 2.)

FIELDBALL

Gurovich, E. D., and Iu. I. Portnykh. [Seven-man fieldball, a manual for teachers and trainers] Ruchnoi miach 7:7, posobie dlia uchitelei i trenerov. Leningrad, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 130 p.

FIELDS, ALGEBRAIC

Principal homogeneous spaces defined over a field of functions. I. R. Shafarevich. Trudy Mat. inst. 64:316-346 '61.

FIGHTER PLANES

Operating flight and navigation equipment of a supersonic fighter plane. N. Dobrenko. Av. i kosm. 11 no. 2 73-77 '62

FIGNER, VERA NIKOLAEVNA, 1852-1942

"Vera Figner" by I. Matveeva. Reviewed by S. Berdichevskaia. V mire knig 2 no. 2 7 F '62.

FIGURE SKATING see Skating

FILARIA AND FILARIASIS

Filaria in a 1½-year-old child. M. I. Nikolaeva. Zdrav. Kazakh. 21 no. 12 51-52 '61.

FILES AND RASPS

Study of file balancing in connection with the development of filing skills in students. R. A. Nizamov. Dokl. APN 5 no. 6 19-22 '61

Use of tensiometric methods in the study of students' skill in filing. Z. A. Alfer'eva. Dokl. APN 5 no. 4:15-18 '61.

FILIPPOVICH, ARTEMII NIKITICH, 1900-1961

Artemii Nikitich Filippovich, obituary. Zdrav. Bel. 8 no. 1:76 Ja '62.

FILIXIC ACID

Some researches on the shield fern Dryopteris austriaca Woy. growing in the Latvian S. S. R. V. Jaunsila (V. Vaveran). Trudy Len. khim.-farm. inst. 12 297-302 '61.

FILM ADAPTATIONS

Once more on plot. A. Macheret. Vop. lit. 6 no. 2:235-239 F '62.

FILMS see Photography—Films

FILMS (CHEMISTRY)

Device for measuring the thickness of thin layers of a viscous liquid. L. IA. Zhivaikin, I. I. Stavnitser. Zav. lab. 28 no. 2 237-238 '62.

Investigating film-forming properties of mixed polyesters of the acrylic series. M. M. Mogilevich, M. I. Arkhipov. Lakokras. mat. i ikh. prim. no. 6 26-30 '61

New protein acrylate film-forming agents for dye coating of leather. IA. P. Berkman, L. M. Shuter, S. I. Trakhtenberg. Kozh.-obuv. prom. 4 no. 1:20-23 Ja '62.

Rapid method for determining the specific gravity of film materials. E. S. Khoroshaia, G. I. Kovrigina, V. I. Alekseenko. Zav. lab. 28 no. 2:205 '62.

FILMS, METALLIC see Metallic films

FILMS, OPTICAL see Optical films

FILTERS AND FILTRATION

Calculation of the flow of water to individual well equipped with a block-type filter. A. D. Bessonov. Razved. i okh. nedr 27 no. 10 54-58 O '61

Construction of filtration plants from large precast elements. N. S. Karmelchuk. Prom. stroi. 40 no. 3 7-12 '62

Filters for fine iron concentrates. V. P. Fondukov. Obog. rud 6 no. 6 49-53 '61

Metal filtration. V. S. Kalabushkin, M. V. Pikunov. Sbor. nauch. trud. GIPTSVETMET no. 33 265-268 '60

The problem of cleaning filters. A. V. Maloian. Gidrostroi 32 no. 1:43-44 Ja '62

Use of a standard technological design of filters for difficulty filtering sludge suspensions. I. S. Turovskii. Khim. mash. no. 2 17-20 Mr-Ap '62

Vacuum filter with precoating of the product. A. S. Sladkov. Obog. rud 6 no. 6 41-43 '61

FINANCE

(see also subdivision under Sudan, Vietnam, North, White Russia)

Developing the monetary-credit system during the period of the building of communism. I. Aizenberg. Nauch. dokl. vys. shkoly, ekon. nauki 5 no. 1 31-42 '61.

Promotion of public participation is a path for improving staff work. L. Bukharov. Fin. SSSR 23 no. 3 36-40 Mr '62

Study and disseminate their practice. N. Ivanesov. Fin. SSSR 23 no. 3 73-76 Mr '62

FINANCE—CONGRESSES

Potentials for increasing the efficiency of utilizing the income of an enterprise. V. K. Ekon. Rad. Ukr., no. 1 123-124 Ja-F '62.

FINANCE, LOCAL see Local finance

FINGERS

Primary suture of the flexor tendons on the hand and fingers and its late results. V. M. Knishevitskii. Vest. khir. no. 3 74-77 '62.

FINISHES AND FINISHING

Use of latexes in the manufacture of chrome leather for shoe uppers. M. IA. Kutovskii. Kozh.-obuv. prom. 4 no. 1, 32-34 Ja '62.

FINLAND—VOCATIONAL EDUCATION

Vocational education in Finland. N. I. Kalugin. Sred. spets. obr. 9 no. 2 61-64 F '62

FINNO-UGRIAN LANGUAGES

Akademiia nauk SSSR. Institut iazykoznaniia. [Finno-Ugrian linguistics, on the 70th anniversary of the birth of D. V. Bubrikh, Corresponding Member of the Academy of Sciences of the U. S. S. R.] Voprosy finno-ugorskogo iazykoznaniia; k 70-letiiu so dnia rozhdeniia chlena-korrespondenta AN SSSR D. V. Bubrikha. Moskva, Izd-vo Akad. nauk SSSR, 1962. 331 p.

FIR see subdivision under Khamar-Dabar Range

FIRE DEPARTMENTS see subdivision under Latvia

FIRE ENGINES

Turbojet pumps for fire engines. E. Muslin. Izobr. i rats., no. 2 14 F '62.

FIREBRICK

(see also subdivision under Ukraine)

"Dinas" by I. S. Kainarskii. Reviewed by V. A. Bron. Ogneupory 27 no. 2 94-96 '62.

Durability of press mold plates during the press molding of magnesite and grog refractories. V. S. Popov, N. S. Dmitrichenko. Ogneupory 27 no. 3 127-130 '62

FIREBRICK—TESTING

Testing of zircon dinas bricks in the arches of steel-smelting arc furnaces. I. S. Kainarskii and others. Ogneupory 27 no. 2 77-80 '62

FIRECLAY

Side recovery of refractory clays in Kimovsk open-cut mines. S. M. Kirukhin, A. M. Gusenkov. Ogneupory 27 no. 2 72-76 '62

Technology of a dust-free, granulated, moisture-absorbing dinas mortar. I. S. Kainarskii, F. V. Degtiareva, V. A. Kukhtenko. Ogneupory 27 no. 2 53-59 '62.

FIRST AID IN ILLNESS AND INJURY

First aid in diseases of the ear, throat, and nose. V. G. Ermolaev, B. M. Mlechin. Med. sestra 21 no. 2 46-49 F '62

Organization of first aid in cardiovascular diseases. T. V. Grabovskaia. Vrach. delo no. 2 121-124 F '62

Trakhtman, IA. N. [Four carrying a stretcher] Chetvero s nosilkami. Moskva, Medgiz, 1961. 33 p. (Bibliotechka shkol'nika)

FISH, CANNED

(see also subdivision under Astrakhan; Liepaja)

Barbalanov, K. A., and K. P. Lemarin'e. [Fish canning] Proizvodstvo rybnykh konservov. Moskva, Pishchepromizdat, 1961. 407 p.

Production of canned sprat without frying. S. V. Ezerskii, V. P. Konovalov. Ryb. khoz. 37 no. 10, 55-59 '61

FISH, FROZEN

Defrosting sprat with industrial-frequency current V N Goncharov, A Kh Pateev, I K. Rogova Ryb. khoz. 38 no 3 62-63 '62.

FISH, SALT

Extending the storage time of slightly salted herring packed in boxes L A. Lubavina Ryb khoz 37 no 10 59-61 '61

Testing fish salting units, N, A, Semenov Ryb khoz 37 no 11,62-68 '61

FISH, SMOKED

Effect of the conditions of smoke generation on the amount of 3, 4-benzopyrene in the curing smoke and smoked fish O P. Gretskaia and others Ryb khoz 38 no 3 56-62 '62

FISH AS FOOD

Hygroscopic properties and gelatinization of the muscle tissue of fish and slaughtered warm-blooded animals [with summary in English] F S. Okolo., S. Kh Nikolov Vop pit 21 no 2 50-56 Mr-Ap '62

FISH BY-PRODUCTS see Fishery products

FISH CULTURE

(see also subdivision under Ukraine)

Flooding time of vimba ponds in the Don Valley D N Logvinovich Ryb khoz 38 no 3 23-24 '62

Food of young pond-reared salmon (Salmo salar L.) during early stages of development I. B. Bogatova Vop ikht 2 no 1 169-173 '62

Natural spawning of Vimba vimba (L.) in ponds N, I, Chernikov Ryb khoz 37 no 10;18-19 '61

Role of feeding and the heating of water in artificial rearing of salmon in the Arctic E. L. Bakshtanskii Ryb khoz 37 no, 10;15-18 '61

Vegetation and the associated animal world in the waters of Rostov Province and their role and food value in fish culture and poultry husbandry. V G Mushenko Sbornauch -issl. rab. Azovo-Chernomor. ekhoz. inst 18 111-124 '60

Weight of young pike perch released from the fish spawning and rearing farms of the Don Valley N. N. Zhdanova Ryb khoz. 37 no 10;19-22 '61.

FISH MEAL

Fish meal from krills L N Egorova, V I Treshcheva, S M. Kaborov Ryb. khoz 38 no 3 70-72 '62.

Use of antioxidants and research on fat transformations in the production of fish meal. L. N. Egorova, V. I Treshcheva Ryb khoz. 37 no 11;76-81 '61

Vacuum evaporation unit for press bouillons of the IVN brand Ryb. khoz 38 no. 3 89-91 '62

FISH MEAL—ANALYSIS

Fast determination of moisture in fish meal M. I. Moiseshtyn Ryb khoz 38 no 3 67-70 '62

Refractometric determination of fat in whale meal A N. Golovin. Ryb khoz 38 no, 3 72-71 '62

FISH OIL

Use of antioxidants and research on fat transformations in the production of fish meal L. N. Egorova, V. I Treshcheva Ryb khoz. 37 no, 11,76-81 '61.

FISH PROCESSING PLANTS see subdivision under Muynak; Shikotan Island

FISH PROCESSING PLANTS—EQUIPMENT AND SUPPLIES

New equipment for the production of canned fish Ryb khoz 38 no 3 75-81 '62

Pepper mill with controlled motion of the cutting disks IU. V. Maslennikov Ryb khoz 38 no 3 49-50 '62

Press for moisture removal Ryb. khoz. 37 no, 11,93-94 '61.

"Technical equipment of fish processing plants" by V. M. Chupakhin, V. V. Dormenko Reviewed by P. V. Kovalev, S. S. Torban. Ryb. khoz, 37 no 10;84-85 '61.

Testing fish salting units. N A. Semenov, Ryb. khoz. 37 no. 11;62-68 '61

FISH TAGGING

Remote groupe release of tagged fish at a fixed point. A. I Goshchevskii Ryb. khoz 38 no 3 20-23 '62

FISHER, PETR ZAKHAROVICH, 1859-1961

Petr Zakharovich Fisher. Uzb. khim. zhur. 6 no. 1;73-74 '62.

FISHERIES

(see also subdivision under Nakhodka; Poland; Soviet Far East)

Fisheries and some problems of oceanography. IU. IU. Marti. Okeanologiia 1 no 5;779-790 '61.

The great program. Ryb. khoz. 37 no. 11;3-8 '61

The greatest document of our epoch. Ryb. khoz. 37 no 10;3-5 '61.

Long-range radio-navigation system for the fishing fleet. N. S. Gorlunov, A. D. Zakharov. Ryb khoz. 37 no. 11; 34-39 '61.

More fish for our land. N. Solovlev, A. Pokhomenkov. Komsom. zhizn' no. 4;16-20 F '62.

FISHERIES—ACCOUNTING

Calculating the amortization of the fishing gear. IU. I. Eliseev. Ryb. khoz. 37 no. 10;74-76 '61

FISHERIES—BIBLIOGRAPHY see Bibliography—Fisheries

FISHERIES—RESEARCH

(see also subdivision under Siberia)

In the International Council for the Exploration of the Sea Ryb khoz 38 no 3 82-84 '62

FISHERY PRODUCTS

(see also subdivision under Lithuania)

Culinary products from wolf fish. P A Mironov Ryb khoz 38 no 3 53-56 '62

Improve the assortment and quality of fishery products Ryb khoz 37 no 10 6-10 '61

New products of the fishing industry. Ryb khoz. 37 no 10 66-73 '61

Utilization of dry soluble protein Ryb. khoz 38 no 3 85 '62

FISHERY PRODUCTS—ANALYSIS

Chromatographic determination of amino acids in fish bouillons IU A Vorotnikov Ryb khoz 38 no 3 64-67 '62

FISHERY PRODUCTS—PRESERVATION

Use of sodium glutamate in the production of salt herring and canned fish V. A. Beloglazova Ryb khoz. 37 no 11;73-75 '61.

FISHES

(see also subdivision under Indian Ocean, Novosibirsk Reservoir, Pripet River, Terek Delta)

How animals help each other. Igor' Akimushkin Vokrug sveta no 3 13 Mr '62

Radioactive contamination of fishes G V Fedorova Ryb khoz 38 no. 3 25-28 '62

FISHES—BEHAVIOR

Effect of the physiological condition of fishes on their reaction to light S G Zusser, R M Etingen Ryb khoz 37 no 11 19-21 '61

FISHES—EMBRYOLOGY see Embryology—Fishes

FISHES—FOOD

(see also subdivision under Latvia)

Effect of varying light conditions on the accessibility of food organisms to predatory fishes of different ecological groups I I. Grisa Vop ikht 2 no 1 183-191 '62.

Food of the Amur white bream (Parabramis pekinensis Bas.) S I Doroshev. Vop ikht 2 no 1 174-182 '62.

Food of young pond-reared salmon (Salmo salar L.) during early stages of development I B Bogatova Vop ikht 2 no 1 169-173 '62

FISHES—MIGRATION

Migrations of sexually immature codfish and causes of their variation. N. V. Mironova. Trudy MMBI no 3 198-219 '61

FISHES—PHYSIOLOGY

Rate of water exchange in marine bony fishes. B. B Vartapetian Dokl AN SSSR 143 no 3;721-723 Mr '62

FISHES—TRANSPORTATION

Hydromechanical unit for the transportation of live fish. A. I. Pakulev Ryb khoz. 37 no 10,24-27 '61

FISHES, FOSSIL see subdivision under Tiflis region

FISHING see subdivision under Japan, Sea of; Latvia

FISHING—IMPLEMENTS AND APPLIANCES

Sound and light help in fishing. IU. A. Shemanskii, Priroda 51 no, 3;112-115 Mr '62.

FISHING BOATS

(see also subdivision under Kerch Strait, Poland)

New vessels in the fishing industry. Ryb khoz 37 no. 11 54-61 '61.

FISHING NETS

Effect of the elastic properties of meshes on the catch capacity of the net A. F Leksutkin, S. P. Lutsik Ryb. khoz 38 no 3 37-40 '62.

Effect of the visibility of nets on the catch capacity of the fishing gear V N Mel'nikov Ryb. khoz. 38 no 3 29-37 '62

Selectivity of large-meshed capron frame nets. M P. Kovaleva Ryb khoz 38 no 3 41-44 '62.

FISHPONDS see subdivision under Latvia

FISHWAYS

(see also subdivision under Volga Hydroelectric Power Station (22d Congress of the CPSU)

Estimating the abundance of migratory fishes with regard to hydroelectric developments IU. A. Mitrokhin, V. R. Protasov, IU. P. Altukhov Vop ikht 2 no 1 182-196 '62

The possibility of using spillways placed low in the reservoir of combined hydroelectric power stations as fishways. N. A. Malyshev. Gidr. strol. 32 no. 1;18-20 Ja '62.

FISSION (BIOLOGY)

Linear growth of zooids in asexual reproduction of some oligochaetes V. B. Kasinov Dokl AN SSSR 143 no. 4; 987-990 Ap '62.

FISSION, NUCLEAR see Nuclear fission

FISSIONABLE MATERIALS see Radioactive substances

FISTULA

Clinical aspects of internal fistulae of the gall bladder. I A. Shukhgalter. Vest. khir. no. 8,86-89 '61.

Closure of an external fistula of the bile duct by means of its implantation into an isolated loop of the small intestine. A. P. Lebedev Khirurgiia no. 3 109 '62.

Medial tongue fistula resulting from nonclosure of the thyroglossal duct N S Gulieva Vrach delo no 2 144-145 F '62

Perforation of the esophagus into the diaphragm with the formation of an external fistula. A. K. Tychinkina, P. I Andrusova Khirurgiia no. 3 121-122 '62.

Spontaneous duodeno colonic fistula in peptic ulcer of the duodenum V. I Kulakov, V. A. Pletneva, F. G. Zakharov Vest khir no 9;130-131 '61

Strengthening intestinal sutures with free skin transplantation in extra-abdominal closure of intestinal fistulae by the Malgaigne-Punas method [with summary in English]. P D. Kolchenogov Vest khir no 9,78-81 '61

FISTULA, BRONCHIAL

Diagnosis and treatment of empyema and bronchial fistula following pulmonary resection M. V. Kholostov Grud khir 3 no 6 86-90 N-D '61

FISTULA, GASTRIC

Diagnosis and treatment of postoperative gastrocolic fistulae I. S. Poleshchuk. Vest khir no 9;76-78 '61

FLAGELLATA see subdivision under Kolomino region; Ob' Valley

FLAME

Studying the electric conductivity of a flame by the microwave method [with summary in English] I. P Zimin, V. A. Popov Inzh -fiz zhur. 5 no 3;66-71 Mr '62.

FLAME PHOTOMETRY

Multichannel apparatus for flame photometry I. G. Gatgorlev Soob AN Gruz SSR 27 no 3;299-305 S '61

The technique of determining alkali metals by flame spectrophotometry. E D Urushadze Soob AN Gruz SSR 27 no 3;277-284 S '61

FLANGES

New design of clamps for flanges. L P Petrova, I S. Koptelov Khim mash. no. 2 38-39 Mr-Ap '62.

FLANGES—COOLING

Calculating stress relaxation in the cooled pin of a flanged joint. O T. Il'chenko. Vest. mash. 42 no. 3;29-30 Mr '62.

FLAUBERT, GUSTAVE, 1821-1880

Characteristics of Flaubert's novel "Madam Bovary" T. E. Shevaleva. Nauk. zap Chern. un. 40 Ser. roman.-germ. filol. no. 7 116-131 '60.

FLAVONOIDS

Qualitative investigation of some Transbaikalian plants with regard to their flavonoid content. M N. Bobrova Trudy Len. khim. -farm. inst. 12 157-161 '61

FLAX

How we grow flax. N. Grachev, A. Mitin Sel' mekh no 1;3-5 '62

Studying the composition and properties of pectin substances in the different stages of flax stalk growth. A A. Krasivskaia. Izv. vyz. ucheb. zav., tekh. tekst. prom no, 1;60-65 '62.

We follow the experience of our neighbors P. Morozov Sel'. mekh. no. 1;5-6 '62.

FLAX—DISEASES AND PESTS

Separation of antagonistic microbes of the causative agent of the fusarium wilt of flax F S. Gurinovich Biul. Inst. biol. AN BSSR no. 0;192-202 '61.

FLEAS see subdivision under Rumania

FLEMING, SIR ALEXANDER, 1881-1955

"Life of Sir Alexander Fleming" [translated from the French] by André Maurois. Reviewed by IU. I. Milanushkin. Antibiotiki 7 no. 4,379-380 Ap '62.

FLIES

Sepsidae and Diptera as synanthropic forms. A. M. Iobanov. Biul. MOIP. Otd. biol. 67 no. 1;125-128 Ja-F '62.

FLIES—EXTERMINATION see subdivision under Uzbekistan

FLIES AS CARRIERS OF DISEASE

Studying the epidemiological role of the synanthropic flies in cities [with summary in English]. A. M. Zaidenov. Ent oboz. 40 no. 3;564-567 '61

FLIGHT CREWS

Relaxation for flight crews. A. Kavyrshin. Av. i kosm. 44 no. 3;54-56 '62.

FLIGHT TRAINING
(see also subdivision under Kachin)
First steps of an instructor. V. Voskoboinik, V. Kovalev Av i kosm. 44 no 2,19-45 '62
Flight guidance in retraining pilots. P. Sadovnichenko Av i kosm. 44 no 2,19-45 '62
Instructor and cadet. G. Makeev, V. Marishchuk. Vest Vozd Fl no 12 49-51 D '61
When the flight commander is an instructor. S. Astakhov and others Av i kosm. 44 no 3,33-43 '62

FLOATING BODIES
Hydrodynamic resistance in the transition zone of pseudoliquefaction of a polydisperse layer [with summary in English]. N. B. Kondukov Inzh.-fiz. zhur 5 no. 3,27-32 Mr '62

FLOATING CRANES
Heating of sliding block bearings on transshipping machines. A. I. Pustov Trudy LIVT no 1 40-50 '60

FLOOD, BIBICAL see Deluge

FLOOD FORECASTING see subdivision under Armenia, Azerbaijan; Bol'shiye Uzkhvi River, Georgia, Syr Darya; Transcaucasia

FLOODS see subdivision under Soviet Central Asia

FLOOR COVERINGS
Technical and economic indices of the manufacture of various synthetic materials for flooring. V. P. Storozhenko, G. N. Serkova. Stroi mat 8 no 2 18-21 F '62.

FLOORS
Composite floors. B. Kushnirovich Stroi i arkhit 9 no 11 32 N '61.

FLOORS, CONCRETE
Continuous precast monolithic reinforced concrete floors. I. Perederienko, B. Gnidets. Stroi i arkhit. 9 no 11 18 N '61

FLORICULTURE
Juchnevichiute, Dainora. [Flower beds and lawns] Gelynai ir gazonai. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 97 p. [In Lithuanian] (DA)

FLOTATION
Automatic control of the density of coal flotation pulp. A. G. Livintsev. Koks i khim. no. 2,8-12 '62
Equilibrium of particles on the "liquid - gas" interface during flotation. B. A. Razumov. Obog rud 6 no 8: 29-33 '61
Flocculating action of polyacrylamide compounds on certain ore pulp components. S. F. Kuz'kin, S. N. Zolin. Izv. vyss. ucheb. zav., tsvet. met. 5 no. 2,45-49 '62.
Flotation cleaning of Volga shales. Report No 1 Flotation cleaning of Obukhiv Syrt shales. V. A. Proskuriakov, A. G. Rembashevskii, Z. V. Solovechik Trudy VNIIT no 10 5-22 '61
Flotation of apatite with synthetic carboxylic acids. N. A. Aleinikov Obog. rud. 7 no 1,14-20 '62
Flotation of oxidized zinc minerals. A. A. Abramov Obog rud 7 no. 1 3-11 '62
Fomenko, T. G., I. S. Blagov, and A. M. Kolkin. [Slime flocculation] Flokulirovanie shlamov. Moskva, Gos nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1962. 109 p.
Mineragraphy of lead flotation in Ak Tyuz. T. I. Kurmanaliev. Izv. AN Kir. SSR, Ser. est. i tekh. nauk 3 no 3 115-134 '61.
New flowsheet and automatic control of the flotation process. A. Z. Kulishenko, N. G. Bocharov, A. S. Kuz'menko Koks i khim no 3 3-11 '62
Secondary concentration and the kinetics of scheelite and powellite flotation. S. F. Kuz'kin, I. I. Berlinskii. Sbor nauch. trud. GINTSVETMET no. 33,217-236 '60.
Selective flotation of pegmatites. IA. M. IAkubovskii. Obog. rud 7 no 1 20-24 '62.
Stage flotation of unyielding gold-bearing ores. S. M. Anisimov, B. D. Nekrasov, V. I. Petrenko. Izv. vyss. ucheb. zav., tsvet. met. 5 no. 2,50-55 '62.
Studying rheological properties of heavy suspensions. Kh. M. Aleksandrovich, M. M. Pavliuchenko, F. F. Mozheiko. Dokl. AN BSSR 6 no 3 168-171 Mr '62
Using oxyethylated carboxylic acids in the flotation of nonsulfide ores. N. A. Aleinikov, N. A. Gorbunov, N. S. Aleinikova. Biul. tekh.-ekon. inform. no. 2,5-7 '62

FLOTATION—EQUIPMENT AND SUPPLIES
Flotation of quartz and iron minerals with cationic reagents. I. Kh. Vlodavskii, S. I. Gorlovskii. Obog. rud 6 no. 6,15-24 '61.
Mechanism of polyacrylamide flocculator action. S. F. Kuz'kin, V. P. Nebera Sbor. nauch. trud GINTSVETMET no 33 202-216 '60.

FLOUR
Advice and consultation. Khleb. i kond. i prom. 6 no. 3: 46 Mr '62.

FLOUR MILLS
Practice of enriching flour in the TSIurupa grain milling combine. Muk.-elev. prom. 28 no. 2,13-15 F '62.

FLOWERING OF PLANTS see Plants, Flowering of

FLOWERS see subdivision under Altai Territory, Novosibirsk

FLUID DYNAMICS
Conditions for the origin of free convection in a channel with rectangular cross section. K. S. Bolotina. Izv. AN SSSR Otd. tekh. nauk. Mekh. i mashinostr. no 1 73-76 Ja-F '62.
Laminar supersonic flow around an obtuse angle less than 180°. G. B. Iinkovskii Izv. vys. ucheb. zav., energ. 5 no 2 92-96 F '62
Mixing of flows in a channel with variable lateral cross section. O. V. IAblovskaia Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no 1 66-72 Ja-F '62
Slow fluid flow near a deformed surface. L. G. Stepanyants. Trudy LPI no 217 117-126 '61.
Solution of a mixed problem for the nonstationary motion of a rotating viscous fluid and the investigation of the differential properties of this solution. V. N. Maslennikova Sib. mat. zhur. 2 no 5 706-718 S-O '61
Zhukovskii profile in a uniformly vortex flow of an ideal incompressible fluid. O. N. Ovchinnikov Trudy LPI no 217 37-40 '61

FLUID MECHANICS
Fluid flow through a fixed granular bed. V. I. Lygachin Trudy VNIIT no 10 101-108 '61
Hydrodynamic analysis of a cylindrical suspension. N. V. Dushin, L. G. Stepanyants. Trudy LPI no 217 133-139 '61
Linearization of boundary conditions in the theory of air suspensions. N. D. Zablotskii Trudy LPI no 217 127-132 '61.
Self-rotation of air suspensions. I. F. Supenkov. Trudy LPI no. 217 140-155 '61.

FLUIDIZATION
Gas dynamics and heat transfer in a coarse-grained fluidized bed [with summary in English] D. IA. Mazurov Inzh.-fiz. zhur 5 no 1 11-20 Ja '62.
Interaction of sodium carbonate with sulfur dioxide in a fluidized bed. T. I. Kunin, V. S. Epifanov. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no 6 993-997 '61
Use of a fluidized bed for cooling the walls of a cyclone chamber with slag hardened lining. I. N. Sidel'kovskii, V. I. Russo Izv. vys. ucheb. zav., energ. 5 no 2 73-78 F '62

FLUORESCENCE
Fluorescence of aggregated forms of bacteriochlorophyll, bacterioviridin, and chlorophyll in connection with the state of pigments in photosynthesizing organisms. A. A. Krasnovskii, IU. E. Erokhin, Khun IUi-tsiun' [Hung Yu-chün] Dokl. AN SSSR 143 no. 2,456-459 Mr '62
Fluorescence parameters of petroleums. V. N. Florovskaia, IU. A. Kliuev Dokl. AN BSSR 5 no. 10 438-441 O '61.
Fluorescence polarization of complex molecules. L. G. Pikulik, V. N. Snopko. Dokl. AN BSSR 6 no 3 155-158 Mr '62
Quenching of fluorescence in solutions by foreign substances in the region of high concentrations of the fluorescent substance. L. A. Kiianskaia, P. I. Kudriashev, B. IA. Sveshnikov Dokl. AN SSSR 143 no. 3,563-566 Mr '62.

FLUORESCENCE MICROSCOPY
Study of the microflora of the rhizosphere using reflected light fluorescence microscopy [with summary in English] D. G. Zviagintsev. Mikrobiologiia 31 no 1 111-115 Ja-F '62.

FLUORIDES
Aromatic fluoro derivatives. Part 9. Diazotation of aromatic amines by nitrosyl boron fluoride. G. G. IAkobson, A. I. D'iachenko, F. A. Bel'chikova Zhur. ob. khim. 32 no. 3 849-853 Mr '62

FLUORINE COMPOUNDS
Dipole moments and structure of some fluorine-substituted styrenes. V. N. Vasil'eva and others. Dokl. AN SSSR 143 no. 4 844-846 Ap '62
Problems and present state of the production of fluorine compounds. G. N. Bogachev Zhur. VKHO 7 no 1: 39-47 '62

FLUORINE ORGANIC COMPOUNDS
Fluorine organic compounds. Part 1. Darzens reaction in the synthesis of α-fluoro-β-hydroxyacids. V. F. Martynov, M. I. Titov. Zhur. ob. khim. 32 no 3 718-721 Mr '62

FLUORITE see subdivision under Transbaikalia

FLUOROSCOPIC DIAGNOSIS see Diagnosis, Fluoroscopic

FLUX (METALLURGY)
ANF-16 flux for the mechanized welding of stainless steels. I. I. Kumysh. Avtom. svar. 15 no. 4:89-90 Ap '62.
Mechanical strength of ceramic fluxes. Z. A. Dobrotina. Svar. proizv. no. 1 12-14 Ja '62.

FLUX (METALLURGY)—MAGNETIC PROPERTIES
New ceramic magnetizing fluxes. V. P. Zviagintsev. Svar. proizv. no. 1:22-24 Ja '62.

FLYCATCHERS
(see also subdivision under Zeravshan Valley)
Evaluation of the effect of the spotted flycatcher Muscicapa hypoleuca Pall. upon insects [with summary in English] A. A. Inozemtsev. Zool. zhur. 41 no 3 460-121 Mr '62

FOCAL INFECTION
Effect of tetracycline on general motor and food activity of animals during the development of experimental focal infection [with summary in English]. A. M. Chernukh, N. A. IUshchenko Antibiotiki 7 no. 4 348-352 Ap '62.

FOKINE, MICHEL, 1880-1942
Fokine, M. M. [The dying swan] Umiraiushchii lebed'. Vstup. stat'ia, publikatsiia i primechaniia G. Dobrovol'skoi. Pod red. IU. Slonimskogo. Leningrad, Gos. muzykal'noe izd-vo, 1961. 31 p. illus. (Sokrovishcha sovetskogo baletnogo teatra)

FOLDS (GEOLOGY) see subdivision under Caucasus

FOLIC ACID
Comparative data on the use of hemotherapy and folic acid in undernourishement in infants. A. K. Karlyrov Med. zhur. Uzb. no 1 46-48 Ja '62
Gastric secretory function during folic insufficiency due to the administration of aminopterin. S. IA. Mukhin, M. F. Nesterin Vrach. delo no 8 3-6 Ag '61
Treatment of benzene intoxication with vitamin B_{12} and folic acid: experimental and clinical data [with summary in English] O. G. Vasil'eva, L. A. Zorina, IU. P. Sanina Gig. i sanitariia i prof. zab. 5 no 6 30-33 Je '61

FOLK DANCING, MORAVIAN
"Folk songs and dances in the region of Valassko Klobouky" [in Czech] Edited by Karel Vetterl. Reviewed by V. Hoshovs'kyi Nar. tvorch. ta etn. 5 no 4 146-147 O-D '61

FOLK DANCING, RUSSIAN
Tkachenko, T. [Russian dances. Translated by H. Suma] Krievu dejas. [Riga] Em. Melngaila Tautas maksias nams, 1961. 114 p. [In Latvian]

FOLK DANCING, UKRAINIAN
Basic movements of Ukrainian folk dances. Pt 7. A. I. Humeniuk, A. P. Lukin Nar. tvorch. ta etn. 5 no 4 121-127 O-D '61

FOLK POETRY
"New records of Soviet folk poetry." Reviewed by D. T. Fedorenko. Nar. tvorch. ta etn. 5 no 4 111-120 O-D '61

FOLK POETRY, CAUCASIAN—HISTORY AND CRITICISM
Shevchenko in the folk poetry of the Circassians. A. I. Bondarenko Nar. tvorch. ta etn. 5 no 4 102-106 O-D '61

FOLK POETRY, UKRAINIAN
M. V. Lomonosov and folk poetry. P. D. Pavlin Nar. tvorch. ta etn. 5 no 4 35-44 O-D '61
V. G. Korolenko as compiler of folk poetry. O. K. Mikson Nar. tvorch. ta etn. 5 no 4 63-70 O-D '61

FOLK SONGS
(see also subdivision under Krasnoyarsk Territory)
Balakirev, M. A. [Russian folk songs for solo and piano accompaniment] Russkie narodnye pesni dlia odnogo golosa s soprovozhdeniem fortepiano. Red., predislovie, issledovanie i primechaniia E. V. Gipplusa. Moskva, Gos. muzykal'noe izd-vo, 1957, 375 p.
(NN)
Kolovskii, O. P., ed. [Russian folk songs] Russkie narodnye pesni. 2 izd. Leningrad, Gos. muzykal'noe izd-vo, 1959. 608 p.
(NN)

FOLK SONGS—HISTORY AND CRITICISM
"Russian historical folk songs from the 13th to the 16th century" by B. N. Putilov. Reviewed by V. Propp. Vop. lit. 6 no. 2:207-209 F '62.

FOLK SONGS, LATVIAN
Ozols, Arturs. [Language of Latvian folk songs] Latviesu tautasdziesmu valoda. Riga, Latvijas Valsts izdevnieciba, 1961. 434 p. [In Latvian]

FOLK SONGS, MORAVIAN
"Folk songs and dances in the region of Valassko Klobouky" [in Czech] Edited by Karel Vetterl. Reviewed by V. Hoshovs'kyi Nar. tvorch. ta etn. 5 no. 4 146-147 O-D '61

FOLK SONGS, SLAVIC
Interrelationship of the folk songs of the eastern Slavs [with summary in English] P. P. Okhrimenko. Sov. etn. no. 1 17-24 Ja-F '62.

FOLK SONGS, UKRAINIAN
The folk song sources of K. Stetsenko's work. L. O. Parkhomenko. Nar. tvorch. ta etn. 5 no 4 55-62 O-D '61

FOLK SONGS, UKRAINIAN—HISTORY AND CRITICISM
IAshchenko, L. I. [Ukrainian folk part-songs] Ukrains'ke narodne bahatoholossia. Kyiv, Vyd-vo Akad. nauk URSR, 1962. 234 p.

FOLKLORE see subdivision under Ukraine

FOLKLORE, CHINESE
Some publications of 19th century Chinese folklore in the xylograph collection of the Leningrad Branch of the Institute of the Peoples of Asia of the Academy of Sciences of the U S S R N A Petrov Strany i nar. Vost no. 2 266-268 '61.

FOLKLORE, KARELIAN—BIBLIOGRAPHY see Bibliography—Folklore, Karelian

FOLKLORE, SLAVIC
F Kolessa's work and the folklore interrelations between the Ukrainians and other Slavic nations S I Gritsa Nar tvorch ta etn 5 no 4 45-54 O-D '61

FOLKLORE, TURKIC
Materials on the folklore of Turkic peoples in the collection of the Institute of the Peoples of Asia of the Academy of Sciences of the U S S R L V. Dmitrieva. Strany i nar. Vost. no 2 256-265 '61

FOLKLORE, UKRAINIAN
F Kolessa's work and the folklore interrelations between the Ukrainians and other Slavic nations S I Gritsa Nar tvorch ta etn 5 no 4 45-54 O-D '61
Folklore and the work of Arkhyp Teslenko M S Hrudnyts'ka, A T Syzko Nar tvorch ta etn 5 no 4 128-135 O-D '61
IU. L Venelin as collector and explorer of Ukrainian folklore N S Shumada Nar tvorch ta etn 5 no 4 71-78 O-D '61

FOLKLORE STUDIES
(see also subdivision under Gorkiy, Ukraine, Zhitomir Province)
"Along the path of legends" by I. Akimushkin Reviewed by IU. Alekseev Vokrug sveta no 3 61-62 Mr '62

FOLMANIS, ŽANIS, 1910-
"Zhan Griva; a literary portrait" (in Latvian) by Ingrida Sokolova. Reviewed by Biruta Gudrike. Vop. lit. 6 no. 2 223-224 F '62.

FOMICHEV, IVAN ALEKSANDROVICH, 1890-
Koromyslov, B. I. [Ivan Aleksandrovich Fomichev, a miniature painter of the Mstera school] Ivan Aleksandrovich Fomichev, khudozhnik-miniaturist Mstery. Moskva, Gosmestpromizdat, 1960. 21 p., plates (Mastera khudozhestvennykh promyslov) (MH)

FOOD
Influence of sham feeding on the drinking behavior of esophagectomized dogs [with summary in English] V. D Smirnova Biul eksp biol. i med. 52 no 7 28-32 Jl '61

FOOD—ANALYSIS
Quantitative determination of proteins in dinner foods V. S. Sergeev, M. M. Livshits, Z. G. Karnacheva Vop pit 21 no 2:89 Mr-Ap '62

FOOD—MICROBIOLOGY
Bacteriological indices for cold hors-d'oeuvres M. G. Padchenko, Z. V. Zabelina, V. S. Sergeev Vop. pit 21 no 2:86-87 Mr-Ap '62
Kirova, K. A., and T. P. Sliusarenko. [Laboratory manual on microbiology in the food industry] Rukovodstvo k prakticheskim zaniatiiam po mikrobiologii pishchevykh proizvodstv. Moskva, Pishchepromizdat, 1961. 321 p.
Staphylococcal enterotoxin and methods for determining it in food products [with summary in English] O. N. Sirotinina Zhur. mikrobiol., epid. i immun. 33 no. 1 90-94 Ja '62.
Survival of dysenteric bacteria on vegetables and fruits in an experiment. M. K. Sharipov. Med. zhur. Uzb. no. 4 27-30 Ap '60.

FOOD, CANNED
Innovator's award Sov potreb koop. 6 no 3:31 Mr '62

FOOD ADULTERATION AND INSPECTION
Shapiro-M. S., and G. G. Trainina. [Laboratory testing of food in public food service] Laboratornyi kontrol' v obshchestvennom pitanii. 2., dop. i perer. izd. Moskva, Gos. izd-vo torg. lit-ry, 1962. 392 p.

FOOD CONTAMINATION see subdivision under Dnepropetrovsk

FOOD INDUSTRY
(see also subdivision under Georgia)
Scientific Council studying particular problems. Spirt. prom. 28 no. 2:42 '62.

FOOD INDUSTRY—BIBLIOGRAPHY see Bibliography—Food industry

FOOD INDUSTRY—EQUIPMENT AND SUPPLIES
Russia (1923- U. S. S. R.) Komitet po delam izobretenii i otkrytii. [Collection of inventions; manufacture of machinery for the food industry] Sbornik izobretenii; prodovol'stvennoe mashinostroenie. Moskva, TSentr. biuro tekhn. informatsii, 1961. 137 p. (Sborniki otechestvennykh izobretenii)

FOOD POISONING
Clinical laboratory characteristics of an outbreak of toxic food infection caused by Salmonella bresalu III M Mikhailova, E G Mel'nik, V S Starshinova Klin med no 3 85-87 '62

FOOT—ABNORMITIES AND DEFORMITIES
Chogovadze, A. V. [Physical training as a method for the prevention and treatment of platypodia in school children] Fizicheskaia kul'tura kak metod profilaktiki i lecheniia ploskostopiia u shkol'nikov. Moskva, Medgiz, 1962. 111 p. (DNLM)
Treatment of infants with congenital clubfoot [with summary in English] N I Kondrashin, L. A. Stepanov Vop okh mat i det 6 no 12 66-70 D '61

FOOT—CARE AND HYGIENE see Chiropody

FORAGE PLANTS
(see also subdivision under Balkhash District, Kazakhstan; Kirghizistan, Turkmenistan)
Effect of growth substances of petroleum origin on the growth, development, and yield of Eruagophrum and alfalfa under conditions of qualitatively different soil salinity Z. S Azizbekova Dokl AN Azerb SSR 18 no 1 83-88 '62
Sin'kovskii, L. P. [Wormwood species of the subgenus Seriphidium as forage plants and experiments in introduction in Central Asia] Polyni iz podroda Seriphidium kak kormovye rastenila i opyt vvedenila ikh v kul'turu v Srednei Azii. Stalinabad, 1959. 108 p. (Akademila nauk Tadzhikskoi SSR, Stalinabad Institut zhivotnovodstva i veterinarii. Trudy, vol. 3, no. 4)

FORAMINIFERA, FOSSIL see subdivision under Kazakhstan, Pechora Valley; Timan Ridge; Ural Mountain region, Zerabulak Mountains

FORCE AND ENERGY
Most important problems in the science of mass and energy transfer Inzh.-fiz. zhur. 5 no 1 3-6 Ja '62
Pisarenko, G. S. [Energy dissipation caused by mechanical vibrations] Rasseianie energii pri mekhanicheskikh kolebaniiakh. Kiev, Izd-vo Akad. nauk USSR, 1962. 435 p.

FORCEPS
Forceps-localizer for recession operation in strabismus [with summary in English] N I Pil'man Oft. zhur. 17 no. 1 59-63 '62

FORECASTING, WEATHER see Weather forecasting

FOREIGN AID PROGRAM see Economic assistance

FOREIGN EXCHANGE
Brief information on foreign exchange and banks abroad. Den. i kred. 20 no. 3 82-85 Mr '62.

FOREIGN VISITORS see Visitors, Foreign

FOREST ECOLOGY
(see also subdivision under Caucasus, Northern)
Comparison of some methods for determining the role of a species in the structure of the herbaceous cover of an oak forest. V. S Ipatov. Bot. zhur. 47 no. 3:360-368 Mr '62.

FOREST FAUNA
Ognev, S. I. [Forest life] Zhizn' lesa. Moskva, Izd-vo Akad. nauk SSSR, 1962. 158 p.

FOREST FIRES
Natural regeneration of vegetation in forest fire areas [with summary in English] N. M. Pushkina Trudy Lap. gos. zap. no 4 5-125 '60
New meteorological fire hazard scale for forests. M. V. Gritsenko. Meteor. i gidrol. no. 3:32-37 Mr '62.

FOREST FIRES—PREVENTION AND CONTROL
(see also subdivision under Angara Valley)
Chervonnyi, M. G. [Using airplanes in the prevention of forest fires] Primenenie aviatsii pri okhrane lesov ot pozharov. Moskva, Goslesbumizdat, 1961. 111 p. (DA)
Explosive substances in forest fire control V. G. Udovichenko. Les. khoz. 15 no. 3 81-83 Mr '62.
For further improvement of forest fire control. E. T Kurnosov. Les. khoz. 15 no. 3. 7-10 Mr '62.

FOREST INFLUENCES
Some errors made in estimating the hydrological role of forests. R. A Safiullin. Izv. Kazan. fil. AN SSSR. Ser. energ. i vod. khoz. no. 2 45-56 '61.

FOREST INSECTS
(see also subdivision under Novosibirsk Reservoir region; Siberia, Western)
Effect of physiological conditons of plants on the mass outbreak of forest pests [with summary in English]. D. F. Rudnev. Zool. zhur. 41 no. 3, 313-330 Mr '62.
Lamps of the PRK type in ultraviolet traps V. M. Zuzlov, N. G. Kolomiets, I. A. Terskov. Les. khoz. 15 no. 3. 53-56 Mr '62.

FOREST MANAGEMENT
(see also subdivision under Carpathian Mountains; Gorkiy Province; Kirov Province; Magadan Province; Moscow Province, Smolensk Province)
Characteristics of improvement cuttings in uneven-aged mixed plantations E. D. Solodukhin Les. khoz. 15 no 2:24 F '62.
Economic problems of the development of forestry under the new conditions P V Vasil'ev Les. khoz 15 no 3 58-65 Mr '62.
Forest management Les. khoz 15 no 2 95 F '62
[Forest management] Lesoustroistvo [by] A. A Baitin i dr. Izd. 2., perer. i dop. Moskva, Goslesbumizdat, 1961. 283 p.
Forest management according to the section method I. P. Perm Les. khoz 15 no 2 8-9 F '62
Make a decisive improvement in collective farm forests from our practices V. P Riabinin Les. khoz 15 no 3 70-72 Mr '62
Make efficient use of the land of state forest enterprises N A Chernyshev Les. khoz 15 no 2 46-49 F '62
We are improving combined lumbering and forest conservation practices B. N Lukianov Les. khoz. 15 no 1 5-6 Ja '62

FOREST NURSERIES
Make use of land in forest nurseries S S Ilgin Les. khoz 15 no 3 29-32 Mr '62.

FOREST ROADS
Optimal width logging units and the density of road networks in forests. M M Kornaev Les. khoz. 15 no 2 25-28 F '62

FOREST SOILS see subdivision under Azerbaijan

FOREST SOILS—BIBLIOGRAPHY see Bibliography Forest soils

FOREST WORKERS
Vacation for workers in forestry and forest industries E I Nemirovskii. Les. khoz 15 no 3 88-90 Mr '62
Vacation for workers in forestry and lumbering E I Nemirovskii Les. khoz. 15 no 2 85-88 F '62

FORESTRY RESEARCH
(see also subdivision under Kazakhstan)
Meetings were useful, from a conference of young scientists I. I. Levitskii, A V Pisarenov Les. khoz. 15 no 81-82 F '62

FORESTS AND FORESTRY
(see also subdivision under Baikal Lake region; Caucasus, Northern; Chita Province; Dniester Valley; Gorno-Badakhshan Autonomous Province, Komsomol'sk District, Khabarovsk Territory; Kotovsk District, Odessa Province; Leningrad Economic region; Moldavia; Novosibirsk Province, Russia, Northern, Sakhalin, Tselinograd Province, Vladimir Province)
Basic principles of silvicultural zoning A A Isaev Les. khoz 15 no 1 51-57 Ja '62
Brief news and information Les. khoz. 15 no 1 90 Ja '62
Comprehensive utilization of forest resources. M. V. Obozov. Vop. geog. no. 54:75-86 '61.
Conference of machinery operators in forestry. N. V. Zlatogorskii Les. khoz 15 no. 3 95-96 Mr '62
Effect of proper irrigation and fertilizing on the metabolism, growth, and development of certain kinds of trees in arid regions [in Azerbaijani with summary in Russian]. Sh. G. Nadzhafov. Izv. AN Azerb. SSR. ser. biol. i med. nauk no 11-11-19 '61.
Effect of the cableway skidding of timber on the preservation of young growth A A. Gaas Les. khoz 15 no 1 29-32 Ja '62
"Forests of the U. S. S. R., economic features" by V. P TSepl'iaev Reviewed by G V. Krylov and others Les. khoz. 15 no. 1 90-92 Ja '62
Forests will grow on virgin land V. Kvit. Les. khoz. 15 no. 1 78-80 Ja '62
Haden-Guest, Stephen. [World geography of forest resources. Translated from the English] Geografiia lesnykh resursov zemnogo shara. Pod red. P. V. Vasil'eva i P. B. Vipperta. Moskva, Izd-vo inostr. lit-ry, 1960. 665 p. illus., maps. (WaU)
Increase the ranks of shock workers and enterprises of communist labor I. A Novikov. Les. khoz 15 no 2 Ja '62
Letters to the editor Les. khoz 15 no 1 87-89 Ja '62
Letters to the editor Les. khoz 15 no. 2 92-94 F '62
Make fuller use of forest resources. B. V. Grozdov. Les. khoz 15 no 2 6-7 F '62.
Mixed brigade in action. A. A. Markin Les. khoz 15 no. 2 81 F '62.
Our calendar for 1962. Les. khoz. 15 no 1 94-96 Ja '62.
Our objectives in the new year B. IA. Shilov Les. khoz 15 no 1 6 Ja '62.
Public participation in forestry IA D. Ushakov Les. khoz 15 no 2 5-6 F '62
Raise the standards of collective farm forestry to meet the objectives of agriculture. S. M. Markin. Les. khoz. 15 no. 2 52-54 F '62.
"Reference book for foresters" by S. P. Antayshkin and others Reviewed by V. P. Golobashchenko, A. R. Ro[illegible] V. K Shaposhnikov Les. khoz 15 no 2 90-92 F '62
Seminars as one of the best forms for exchanging advanced experiences K. G. Berzin' Les. khoz 15 no. 3 78-81 Mr '62
Succession of species and forest regeneration in forests of the third category. V. IA. Koldanov. Les. khoz. 15 no 3, 11-17 Mr '62.

FORESTS AND FORESTRY—ACCOUNTING

Combined enterprises and economic accountability N A Moiseev Les khoz 15 no 3 65-69 Mr '62

First experience in adapting forest production to business accounting V D Dreshchenko and others Les khoz 15 no 2 49-51 F '62

FORESTS AND FORESTRY—BIBLIOGRAPHY see Bibliography—Forests and forestry

FORESTS AND FORESTRY—CONGRESSES

International conference on establishing forest plantations for seed production E. P. Prokazin Les khoz 15 no 2 89-90 F '62

FORESTS AND FORESTRY—ECONOMIC ASPECTS

Borisova, I. V., and others. [Economics, organization, and planning in forestry] Ekonomika, organizatsiia i planirovanie lesnogo khoziaistva. [L'vov] Izd-vo L'vovskogo univ., 1961 302 p.

FORESTS AND FORESTRY—EQUIPMENT AND SUPPLIES

Exhibition of the topic "Mechanization of reforestation operations." Les khoz 15 no 3 94 Mr '62

For further development of mechanization in forestry S P. Nikiforov Les khoz 15 no 1 3-5 Ja '62.

Over-all mechanization is the most important factor G A Lar'iukhin Les khoz 15 no 2 7 F '62.

Suggestions of efficiency promoters for mechanized soil cultivation, sowing and planting in establishing forest plantations, a review of articles Les khoz 15 no 2 61-67 F '62

Using the AGP-12 hydraulic power lifter in forestry A I Savchenko, V A Ostroglazov, N M Sivakov Les khoz. 15 no. 2 55-57 F '62

FORESTS AND FORESTRY—VALUATION

(see also subdivision under Podkamennaya Tunguska Valley)

Automatic processing of evaluation statements in forest management A. M Nilson, A A Aru Les. khoz. 15 no. 1:13-17 Ja '62.

Semeniuta, F. I. [Forest evaluation] Lesnaia taksatsiia. Moskva, Goslesbumizdat, 1961. 337 p. (DA)

Simplest equipment for determining the growing stock of plantations V. M. Ivaniuta. Les khoz 15 no. 3 26-27 Mr '62

FORGING

Borinskii, M. L., and V. S. Stepanov. [Hammer forging] Svobodnaia kovka na molotkakh. Pod red. A. S. Kon'kova. Moskva, Gos nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961 63 p. (Nauchno-populiarnaia biblioteka rabochego kuznetsa, no. 7)

Gorskii, S. P. [Steam-hammer forging] Svobodnaia kovka na pressakh Pod red. A. S. Kon'kova. Moskva, Gos nauchno-tekhn izd-vo mashinostroit. lit-ry, 1961. 62 p. (Nauchno-populiarnaia biblioteka rabochego kuznetsa, no. 8)

Objectives of Scientific Technological Society engineers in carrying out the resolutions of the 22d Congress of the CPSU. Kuz.-shtam proizv 4 no. 3:1-2 Mr '62.

Production of bimetal tubes of TSAM9-1.5 - duralumin alloys by means of press forging. V K. Korol', I. L. Perlin Sbor. nauch. trud. GINTSVETMET no 33 310-317 '60.

Radiuchenko, IU. S. [Rotary forging; shaping parts on rotary-and radial-forming machines] Rotatsionnaia kovka; obrabotka detalei na rotatsionno- i radial'no-obzhimnykh mashinakh. Moskva, Mashgiz, 1962, 195 p.

Use of large R18 steel ingots and the technology of their forging. M. IA. Dzugutov, IU. V. Vinogradov Kuz.-shtam. proizv. 4 no. 3:11-14 Mr '62.

FORGING—CONGRESSES

All-Union Technological Conference on Remote Control and Programming in Forging and Sheet-Metal Work. Kuz.-shtam. proizv. 4 no. 3:46 Mr '62.

FORGING—PERIODICALS

In the central administration of the Scientific Technological Society for the Machinery Industry. V. Z. Kuz.-shtam. proizv. 4 no. 3:47 Mr '62.

FORGING MACHINERY

Amirov, I. M. [Die-stamping on horizontal forging machines] Shtampovka na gorizontal'no-kovochnykh mashinakh. Pod red. A. S. Kon'kova. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 64 p. (Nauchno-populiarnaia biblioteka rabochego kuznetsa, no. 12)

Factors affecting the output of automatic presses, automatic lines and press units with advancing action. A. M. Mansurov. Vest. mash. 42 no. 3:70-73 Mr '62.

Machine with sliding die for the hot upsetting of rod-type forgings with two heads. I U. A. Zhuravlev. Kuz.-shtam. proizv. 4 no. 3:45-46 Mr '62.

Principles of designing mechanisms for pneumatic control systems of crankshaft forging and press working machines. V. I. Vlasov. Kuz.-shtam. proizv. 4 no. 3:19-24 Mr '62.

FORMAMIDINE

N-dichlorophosphinyl-N'-aryl-C-chloroformamidines. G. I. Derkach, L. P. Zhuravleva, A. V. Kirsanov. Zhur. ob. khim. 32 no. 3:879-881 Mr '62.

FORSH, OL'GA DMITRIEVNA, 1875-1961

Lugovtsov, N. Ol'ga Forsh. Leningrad, Ob-vo po rasprostraneniiu polit. i nauch. znanii RSFSR, 1961 52 p.

FORSTERITE

Use of forsterite checkers in high capacity open-hearth furnaces operating with oxygen. M. M. Khil'ko, G. I Antonov Ogneupory 27 no 3 141 '62

FOUNDATIONS

Akademiia stroitel'stva i arkhitektury SSSR. Institut osnovanii i podzemnykh sooruzhenii. [Measures against frost heaving of foundations] Meropriiatiia protiv morozoznogo vypuchivaniia fundamentov. [By] G. I. Kostinenko. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1962. 29 p.

Bechin, A. P. [Construction of foundation pits for hydraulic power installations] Sooruzhenie kotlovanov gidrouzlov. Moskva, Gos. energ. izd-vo, 1961. 179 p

Klein, G. K., and P. P. Smirenkin. [Bases and foundations] Osnovaniia i fundamenty. Izd. 4., perer. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 211 p.

Laying the foundation for the "1700" Rolling Mill. G. Geskin, G Moiseenko, P. Kudinov Prom stroi i inzh. soor 3 no 2:17-21 Mr-Ap '61

Maslov, N. N. [Problem of the stability and deformation of soils in the light of foreign materials at the Fourth International Conference on Soil Mechanics and Foundation Engineering] Problema ustoichivosti i deformatsii gruntov v svete zarubezhnykh materialov IV Mezhdunarodnogo kongressa po mekhanike gruntov i fundamentostroeniiu. Moskva, Gos. energ. izd-vo, 1961 195 p.

FOUNDING

(see also subdivision under Kherson Province)

Balandin, G. F. [Chill casting] Lit'e namorazhivaniem. Moskva, Mashgiz, 1962. 261 p.

Cast cutting tools. N. D Tiuteva, IU. A. Evtiushkin. Lit proizv. no 3 38-39 Mr '62

Casting of steel parts without risers. A. IA. Khrapov, V. M Volkov. Lit proizv. no. 3:43-44 Mr '62

Effect of modifiers and certain other factors on the quality of hollow castings prepared by vacuum crystallization V I. Neimark. Lit. proizv no 3:24-25 Mr '62

Moskovskie nauchno-tekhnicheskie soveshchaniia liteishchikov, 1958-1959. [New developments in foundry practice, transactions] Novoe v liteinom proizvodstve, trudy. Moskva, Gos nauchno-tekhn izd-vo mashinostroit. lit-ry, 1962. 262 p

Ryzhikov, A. A. [Technological principles of foundry practice] Tekhnologicheskie osnovy liteinogo proizvodstva. Moskva, Mashgiz, 1962. 527 p.

Stebakov, E. S., and V. IA. Tarutin. [Compression casting] Lit'e vyzhimaniem. Moskva, Mashgiz, 1962. 250 p

Strainer-core gatings. A. A Svarika. Lit. proizv. no. 3:6-8 Mr '62.

FOUNDING—BIBLIOGRAPHY see Bibliography—Founding

FOUNDING—HYGIENIC ASPECTS

Hygienic characteristics of a new method for casting steel [with summary in English]. L P Bobrova Gig. truda i prof. zab. 4 no 2 17-20 F '60

FOUNDING—PRODUCTION STANDARDS

Establishing norms for founding. B. IUsufovich. Sots. trud 7 no. 3:97-101 Mr '62.

FOUNDRIES—EQUIPMENT AND SUPPLIES

Foundry pouring machines. E. G. Nikolaenko, S. L. Burakov, IA. M Ryvkis. Lit. proizv no. 3:12-14 Mr '62.

Induction batch measuring pump. V. P. Polishchuk. Lit. proizv. no. 3:15-16 Mr '62

Letter to the editors. L. S. Solomon, M. G. Borovik. Lit. proizv. no. 3:48 Mr '62.

Semiautomatic shakeout of molds castings. V. V. Chernyshev, F no 3:16-19 Mr '62.

Volkova, L. A. [Metal melting in Plavka metalla v induktsionnykh L. M. Volpianskogo. Moskva, (Nauchno-populiarnaia biblioteka no. 17)

FOUNDRIES—HYGIENIC ASPECT

Improvement of working conditions Barskii, E. S. Sizareva Gig. t 43-44 Ja '60.

FOUNDRY SAND see Sand, Foundry

FOURIER SERIES

Best approximations attainable Fourier coefficients by the m mean, and Fourier series wit A. A. Kontushkov. Sib. mat. zh '62.

Norms of trigonometric polynomials of differentiable functions their Fourier series. Part 1. Trudy Mat. inst. 62:61-97 '61.

Uniform convergence factors mat. inst. AN Gruz. SSR 27:195

FOURIER TRANSFORMATIONS

Best approximations attainable in the transformation of Fourier coefficients by the method of the arithmetic mean, and Fourier series with nonnegative coefficients A. A. Kontushkov Sib. mat. zhur. 3 no. 1:56-78 Ja-F '62.

Using a Fourier transformation for solving a diffraction problem L S Klabukova Zhur. vych mat i mat fiz 2 no 1 89-96 Ja-F '62

FOX HUNTING see subdivision under Ukraine

FRACTIONS—STUDY AND TEACHING

More on the sequence in studying decimal and vulgar fractions. I. B Veitsman. Mat v shkole no 2 55-56 Mr-Ap '62.

Sequence in studying vulgar and decimal fractions in a school arithmetic course. M S Matskin Mat. v shkole no 2 52-55 Mr-Ap '62

Studying decimal fractions before vulgar fractions. I T Chvan'kov Mat. v shkole no 2 51 Mr-Ap '62.

FRACTURES

Dynamics of the blood supply to the lower extremities in bone fractures. IU N Belokurov. Ortop., travm. i protez. no 2 33-37 '62.

Glycoproteins in the blood serum during the process of bone tissue regeneration after fractures and transplantation [with summary in English] G D Zenkevich Vop med khim 7 no 6 592-598 N-D '61

Use of frozen bone homografts in closed fractures in an experiment. N P. Demichev Ortop., travm i protez no. 2 19-24 '62.

FRANCE—AUTOMOBILE INDUSTRY

The French automobile industry and the "common market." K. Borisova Mir. ekon. i mezhdunar otn. no 4: 113-115 Ap '62.

FRANCE—COLONIES

Gavriliuk, V. V. [Disintegration of the French colonial empire, the state-owned monopolistic enterprises of French imperialism in the colonies] Raspad frantsuzskoi kolonial'noi imperii, gosudarstvenno-monopolisticheskie meropriiatiia frantsuzskogo imperializma v koloniiakh. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1962 223 p

FRANCE—COLONIES—AFRICA see Africa—French colonies

FRANCE—COMMUNIST PARTY

French Communists are at the forefront of political struggle V. IUkhin Part. zhizn' no 8:64-69 Ap '62

FRANCE—CRIMINAL PROCEDURE

"Freedom of the individual" in bourgeois France, judicial functions of the police in present-day French criminal procedure [with summary in English] A. I Lubenskii Vest LGU no 5:148-156 '62

FRANCE—ECONOMIC CONDITIONS

Hincker, Michel [New aspects of financial oligarchy in France Translated from the French] Novye cherty finansovoi oligarkhii vo Frantsii Obshchaia red. i predisl. A. I Pokrovskogo. Moskva, Izd-vo inostr lit-ry, 1960. 137 p.

FRANCE—ECONOMICS

"French bourgeois economics, revival or crisis"? A. I. Pokrovskii Reviewed by Ruskikh. Vop ekon no. 3, 136-139 Mr '62.

FRANCE—FOREIGN RELATIONS

Our comments. Nov. vrem. 20 no. 13:2-3 Mr '62.

FRANCE—INDUSTRIAL ORGANIZATION

French National Committee for Industrial Organization.

FRANCE—PSYCHIATRY

Psychoanalysis in contemporary French psychiatry. C Koupernik Zhur nevr i psikh 61 no 8 1255-1259 '61.

FRANCE—RELATIONS (GENERAL) WITH RUSSIA

Soviet coke chemists visit France koks i khim. no 2, 15 '62

FRANCE—REVOLUTION, 1789-1793

The role of Sylvain Marechal in the "conspiracy of the equals." G. S Kucherenko. Nov. i noveish ist no 6 114-121 '61.

"Selected works" by N M. Lukin Reviewed by V, V, Altman Vop ist no 4:149-153 Ap '62

FRANCE—TEXTILE RESEARCH

Study of the properties of textiles in France. G. N. Kukin Tekst. prom 22 no 2 76-80 F '62

FRANCE—THEATER

In France Andre Barsak and others. Teatr 23 no 3: 153-157 Mr '62.

FRANCE—TRADE UNIONS

Campaigns we will have to launch Jean Shaffe Sov profsoiuzy 18 no 5 43-44 Mr '62

FRANCO-GERMAN WAR, 1870-1871

Kunlskii, S. D. [Russian society and the Paris Commune, comments in Russia on the Franco-Prussian War and the Paris Commune] Russkoe obshchestvo i Parizhskaia Kommuna; otkliki v Rossii na franko-prusskuiu voinu i Parizhskuiu Kommunu Moskva, Izd-vo Akad nauk SSSR, 1962. 173 p.

FRANKLIN, BENJAMIN, 1706-1790

B Franklin and some problems of oceanography A. F. Laktionov Okeanologiia 1 no. 5:951-955 '61

FRANKO, IVAN, 1856-1916

Kyrchiv, R. F [Comedies of Ivan Franko] Komedii Ivana Franka. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 98 p.

Zhuravs'ka, I. D [Ivan Franko and foreign writers] Ivan Franko i zarubizhni literatury. Kyiv, Vyd-vo Akad nauk URSR, 1961 380 p.

FRANZ JOSEF LAND—CRANES (BIRDS)

A crane of Franz Josef Land A Z Vaigachev Probl Arkt. i Antarkt no 8 107 '61

FRANZ JOSEF LAND—ICE

Using aerial photography methods for studying current glaciation in high latitude regions. V.D. Dibner Izv. Vses geog. ob-va 94 no.1,61-65 Ja-F '62

FRANZ JOSEF LAND—PALEOBOTANY

Paleobotanical expedition to Franz Josef Land. L IU. Budantsev, I. N Sveshnikova Probl Arkt. i Antarkt no. 8 101-102 '61

FREAKS see Monsters

FREEDOM see Liberty

FREEDOM OF RELIGION see Religious liberty

FREEMASONS

Bashilov, Boris. [History of Russian Masonry] Istoriia russkogo masonstva. [Buenos Aires] Izd-vo "Rus" [195-?] 5 v.
(RPB)

FREEZE-DRYING

Effect of lyophilization on the polymerism and immunological properties of desoxyribonucleoproteins [with summary in English]. D. G. Grigor'ian and others. Biul eksp. biol. i med. 52 no 11,51-54 N '61

FREEZE-DRYING—EQUIPMENT AND SUPPLIES

Simple device for freeze-drying and concentrating protein solutions [with summary in English] L. P. Bichin Vop. med khim. 7 no 6 648-651 N-D '61.

FREIGHT AND FREIGHTAGE

Gubanov, V. S., I. IA. Zolotarevskii, and A. V. Saprykin. [Containers; practical manual] Tara; prakticheskoe posobie. Moskva, Gos. izd-vo torg. lit-ry, 1961. 223 p.

Liability for failure to carry out assigned obligations concerning the transportation of freight. M. Ordanskii. Sov iust no. 24 16-18 D '61

"Our complaint against railroad employees." Part. zhizn' no. 8:78 Ap '62.

FREIGHT AND FREIGHTAGE—BIBLIOGRAPHY see Bibliography—Freight and freightage

FREIGHT AND FREIGHTAGE—CLAIMS

Decisions of arbitration agencies Sov. iust no. 24:29 D '61

FREIGHTERS

Choosing the design of a ship for carrying bulk freight. E. G. Logvinovich. Trudy TSNIIMF 7 no. 36:42-56 '61.

Determination of the cargo capacity and trim of a seagoing dry cargo ship according to tonnage diagrams. L. G. Sokolov. Trudy TSNIIMF 7 no. 36:77-88 '61.

New type of medium-tonnage, combination dry cargo ship. I. P. Miroshnichenko, M. N. Gavrilov, I. I. Kuz'min. Trudy TSNIIMF 7 no. 36:29-41 '61.

Study of the architectural and structural form of the all-purpose dry cargo ship for carrying wood, grain, and general cargoes. I. P Miroshnichenko, IU I. Golubev, L S Zhuravleva. Trudy TSNIIMF 7 no 36:3-28 '61

Trends in the improvement of ore carriers. E G Logvinovich. Trudy TSNIIMF 7 no 36:57-68 '61.

Using differential methods in determining the tonnage and basic elements of a dry cargo ship L. G. Sokolov Trudy TSNIIMF 7 no 36:69-76 '61.

FRENCH LITERATURE—HISTORY AND CRITICISM

History of French literature in publications of provincial higher educational institutions. N. Dorogova. Vop. lit. 6 no. 2 209-215 F '62.

FREQUENCY CHANGERS

Lachinov, V. M. [High-speed scaling storage circuits] Bystrodeistvuiushchie pereschetnye nakopitel'nye skhemy. Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 10 p. [With summary in English]

FREQUENCY MEASUREMENTS

Frequency measuring devices. Radio no. 3 52-56 Mr '62

The U-242 device for measuring the envelope amplitude of amplitude-modulated oscillations Prib. i tekh eksp 7 no. 1 209 Ja-F '62

FREQUENCY MULTIPLIERS

Problem concerning the transmission of electric power from the primary winding of a static frequency doubler to the second winding. S. V. Pokrovskii Izv. vys. ucheb zav., elektromekh. 5 no. 2:224-228 '62.

FREQUENCY REGULATION

Static frequency converters for regulating the speed of asynchronous motors. A. S. Sandler and others Vest elektroprom. 33 no 3:45-51 Mr '62.

FRESHWATER BIOLOGY

(see also subdivision under Rostov Province, Yakhroma Reservoir)

Consumption of plant tissues by fresh-water animals of temperate latitudes. N. I. Kashkin. Trudy MMBI no 3: 185-197 '61.

FRESHWATER FLORA see subdivision under Ladoga, Lake, Moskva River

FRICTION

Experimental method for determining the local friction coefficients in nonisothermal conditions [with summary in English]. A. N. Oblivin. Inzh.-fiz zhur 5 no 3, 15-20 Mr '62.

Friction of the foundry mixture against metal surfaces. R. L. Geller, I. S. El'bert. Lit. proizv no 3 31-32 Mr '62.

Kragel'skii, I. V. [Friction and wear] Trenie i iznos. Moskva, Mashgiz, 1962. 382 p.

FRICTIONAL RESISTANCE (HYDRODYNAMICS)

Determination of the frictional resistance of seagoing freighters I. S. Artiushkov, IA. I Voitkunskii Sudostroenie 28 no. 2:19-23 F '62.

Hydrodynamics of polymer solutions Part 4 Diffusion and sedimentation of semirigid macromolecules [with summary in English] O. B Ptitsyn, IU E. Eizner. Vysokom soed 3 no. 12 1863-1869 D '61

FRIEDEL-CRAFTS REACTION

N-acylpyridinium salts as pyridilic agents in Friedel-Crafts reactions. A. K. Sheinkman, N. F. Kazarinova, E. P. Babin. Zhur. VKHO 7 no. 1:112-113 '62

FRIENDSHIP

The joy of friendship. P. Shvartsman. Agitator no. 8: 46-47 Ap '62.

FRINGE BENEFITS see Nonwage payments

FRIT FLIES

New palearctic species of frit flies of the genus Memoryza Mg. (Diptera, Chloropidae). L. I. Fedoseeva Ent. oboz 40 no. 3:704-709 '61

FROGS

Effect of different concentrations of molybdenum in the environment on content of molybdenum in the blood of frogs G M. Kapralov, IA. Karakhanov Izv. AN Turk SSR, Ser biol.nauk no 1:80-81 '62.

Iodine number of lipids and heat resistance of the muscle tissue of lake frogs (Rana ridibunda Pall.) inhabiting cold and warm springs. V. P. Ushakov, M. A. Glushankova. Dokl. AN SSSR 143 no. 2:437-440 Mr '62.

FROST RESISTANT CONCRETE

Concrete linings in mine shafts sunk in frozen ground. B. D. Trinker. Shakht. stroi. 6 no. 3 7-10 Mr '62.

FROSTBITE

How to prevent frostbite. B. Dvorkin. Starsh.-serzh. no. 12:15 D '61.

FROZEN FISH see Fish, Frozen

FROZEN FOOD LOCKERS see Cold storage lockers

FROZEN GROUND

(see also subdivision under Pechora Basin)

Rusanov, B. S. [Hydrothermal movements of the earth's surface] Gidrotermicheskie dvizhenila zemnoi poverkhnosti. Moskva, Akad. nauk SSSR, IAkutskii filial Sibirskogo otd-nila, 1961. 225 p.

Training the soldier to loosen frozen ground. M I Frimov Voen vest. 41 no 12 87-89 D '61.

FROZEN GROUND—TESTING

Studying the durability of frozen rocks. P M. Tiutiunnik Shakht stroi 5 no. 3 11-14 Mr '62.

FRUIT see subdivision under Latvia

FRUIT CULTURE

(see also subdivision under Kirghizistan)

Effect of the amount of soil moisture on the growth of the root system of apple and pear saplings M K. Ol'khovskyi Dop UASHN 3 no 2 18-21 Mr-Ap '60.

FRUIT TREES

Sergeenko, V M. [Pruning fruit trees] Obrezka plodovykh derev'ev. 3 izd. Simferopol', Krymizdat, 1961. 130 p.
(DA)

FRUNZE—AGRICULTURAL MACHINERY INDUSTRY

Warm tears. A. Romanov. Sov. deput. trud. no. 3 27-28 Mr '61.

FRUNZE—BUILDING

Buildings of the Academy of Sciences of the Kirgiz S S R IU V Bilinskii, A. D. Bocharov Stroi i arkhit Len 23 no 11,30-31 N '61

FRUNZE—LABOR AND LABORING CLASSES—DWELLINGS

And what about the executive committee itself? Sov. deput. trud. no 3:77 Mr '62.

FUCOSE

Fucose and other carbohydrate components of various γ-globulins [with summary in English] L. I. Rozenfel'd, O M Kostiukovskaia Vop med khim 7 no 6 620-624 N-D '61

FUEL

(see also subdivision under Tatar A. S. S. R.)

Construction of the scaffolds of fuel supply systems in regions with low seasonal temperatures B D Kharin Elek sta 33 no 2 85 F '62.

Effect of the height of the fuel bed on the reduction reaction of carbon dioxide. A. D. Kokunin, D. A Rozental' Trudy VNIIT no 10 121-127 '61

Method and results of a study of the kinetic characteristics of the combustion of powdered fuel in a flow [with summary in English]. I. N Khitrin, M. B Ruchkin, L. L. Kotova Inzh.-fiz. zhur 5 no. 1 7-12 Ja '62

On any fuel. M. Mikhailov Starsh.-serzh no. 12:31 D '61

FUEL RESEARCH

Concerning a monograph on high-efficiency utilization of fuel. B. M. Smol'skii. Inzh.-fiz zhur. 5 no 3 134-136 Mr '62.

Evaluation of different grain-type materials in the light of their thermophysical properties. D. F. Tolkachev. Trudy kazan fil AN SSSR, Ser. energ. i vod. khoz no 3:101-108 '61.

Preface Trudy VNIIT no 10:3-4 '61.

FUNCTIONAL ANALYSIS

Applicability of properties of entire functions of the order of less than one half to some other functions A. F. Leont'ev. Trudy Mat. inst. 64:126-146 '61

Boundedness of nonlinear functionals S. B Stechkin Usp. mat. nauk 17 no 1 215-222 Ja-F '62

Estimation of a mixed derivative in $L_p(G)$. IU. K. Solntsev. Trudy Mat. inst. 64:211-238 '61.

Excessive functions and additive functionals of Markov processes. M. G. Shur. Dokl AN SSSR 143 no 2: 293-296 Mr '62.

Existence of conditionally critical points of functionals in $L^{(p)}$ space. K E TSkiriia. Trudy mat. inst. AN Gruz SSR 27 269-274 '60.

Functions conjugate with functions that are integrable in the sense of Denjoy. A G Dzhvarsheishvili. Trudy mat inst. AN Gruz SSR 27:171-181 '60

Note on a certain class of functions and their application M I. Rozovskii. Zhur vych mat. i mat fiz 2 no 1 179-185 Ja-F '62.

One boundary problem in the theory of functions. T. F. Chochiev. Soob. AN Gruz. SSR 27 no. 3:263-269 S '61.

Problem of inequalities between partial derivatives. S. M. Nikol'skii. Trudy Mat. inst. 64:147-164 '61.

Regularization of the products of generalized causal functions. V. A. Shcherbina. Dokl. AN SSSR 143 no 4 815-817 Ap '62

S. N. Bernstein's theorem on the best approximation of continuous functions by entire functions of given degrees. E. A. Bredikhina. Izv. vys. ucheb. zav. ,mat. no. 6:3-7 '61.

Solutions of an equation of infinite order in generalized derivatives. IU. N. Frolov. Trudy Mat. inst. 64:294-315 '61.

Some general Tauberian theorems with remainders. M. A. Subkhankulov. Trudy Mat. inst. 64:230-266 '61.

FUNCTIONAL EQUATIONS

Solution of equations in functional derivatives. A. N. Sherstnev. Izv. vys. ucheb. zav. ,mat. no. 6:155-168 '61.

FUNCTIONAL EQUATIONS (Continued)

Solutions of an equation of infinite order in generalized derivatives. IU. N Frolov. Trudy Mat. inst 61:294-315 '61.

FUNCTIONS

Asymptotic representations of generating functions and limit theorems in boundary value problems A A Borovkov. Dokl AN SSSR 143 no. 3 510-513 Mr '62

Generalization of the Liouville theorem V S Vladimirov Trudy Mat. inst. 64:9-27 '61.

Riemann's and Hilbert's boundary value problems in the class of generalized functions V. S. Rogozhin Sib mat zhur 2 no. 5 741-745 S-O '61

FUNCTIONS, ANALYTIC

Analytic iteration of functions of two variables A A Shaginyan. Dokl AN SSSR 143 no 3 551-554 Mr '62

Approximation on closed regions, and zero-sets I. F. Dolzhenko Dokl AN SSSR 143 no 1 771-774 Ap '62

Completeness of systems of analytic functions composed of solutions to second-order differential equations V. V. Ryndina Dokl. AN SSSR 143 no 2 282-285 Mr '62

Convergence of a quadrature process V I Krylov, L T Shul'gina. Dokl AN BSSR 6 no 3 139-141 Mr '62

Markushevich, A. I. [Brief course in the theory of analytic functions] Kratkii kurs teorii analiticheskikh funktsii. Izd. 2., stereotipnoe. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 335 p.

FUNCTIONS, AUTOMORPHIC

Neimann boundary value problem for functions automorphic with respect to groups with two invariants L. I. Chibrikova. Izv. vys. ucheb. zav. ,mat. no 6 121-131 '61

FUNCTIONS, CHARACTERISTIC see Eigenfunctions

FUNCTIONS, CONTINUOUS

Averages. S. B. Zhogin. Mat. pros. no 6 217-226 '61

Linear approximation methods for some classes of continuous periodic functions. A. V. Efimov Trudy Mat. inst 62:3-47 '61

FUNCTIONS, DISCONTINUOUS

Phenomenon of discontinuity of the scalar product in spaces with indefinite metric J Bognar Usp mat nauk 17 no 1 157-159 Ja-F '62

FUNCTIONS, ENTIRE

Applicability of properties of entire functions of the order of less than one half to some other functions. A. F. Leont'ev. Trudy Mat. inst 64:126-146 '61

S. N. Bernstein's theorem on the best approximation of continuous functions by entire functions of given degrees. E. A. Bredikhina. Izv. vys. ucheb. zav. ,mat. no 6,3-7 '61

FUNCTIONS, EXPONENTIAL

Construction problem linked with the distribution of fractional portions of an exponential function M F. Kuliikova Dokl AN SSSR 144 no 3:522-524 My '62

FUNCTIONS, PERIODIC

Approximation of periodic functions by Fejer sums. S. B. Stechkin. Trudy Mat. inst. 62:48-60 '61

Linear approximation methods for some classes of continuous periodic functions A. V. Efimov. Trudy Mat. inst. 62,3-47 '61.

Norms of trigonometric polynomials and the approximation of differentiable functions by linear averages of their Fourier series. I. S. A. Teliakovskii Trudy Mat. inst. 62:61-97 '61.

Order of convergence of n-singular integrals of periodic functions R G Mamedov Dokl AN Azerb SSR 18 no 1, 3-8 '62

FUNCTIONS, POTENTIAL see Differential equations, Partial

FUNCTIONS, ZETA

An incorrect work of N. I Gavrilov A. O. Gel'fond and others Usp mat. nauk 17 no. 1 265-267 Ja-F '62

FUNCTIONS OF COMPLEX VARIABLES

Holomorphic mappings of normal regions in a space of several complex variables. H. Arat. Mat. shor. 59 no 4,461-487 D '61.

FUNCTIONS OF REAL VARIABLES

Best approximation and modulus of continuity of functions plotted on the entire real axis. M. F. Timan Izv vys. ucheb. zav. ;mat. no. 6:108-120 '61.

FUNGI

(see also subdivision under Chu-Ili Mountains; Ukraine)

Antibiotic properties of some strains of Gibberella [with summary in English]. A. M Mulkov, N. V. Rozmanova Mikrobiologiia 31 no. 1 153-157 Ja-F '62.

Origin of the term "griby" (fungi), from history of the Russian terminology. A. A. Shcherbakova. Bot. zhur. 47 no. 3:449-441 Mr '62.

Priority of Russian scientists on basic problems concerning the origin and phylogeny of fungi. P. N. Golovin. Trudy TashGU no. 187:250-256 '61.

Review of the methods for investigating aquatic fungi. I. O. Dudka. Ukr. bot. zhur. 18 no. 6 45-55 '61.

Uninterrupted cultivation of fungi and actinomycetes I G. Kolesnikova Antibiotiki 6 no 11 1013-1017 N '61.

FUNGI, PATHOGENIC

Spectrographic investigation of the products of chemical activity of Fusarium sporotrichiella L E. Olifson Zhur VKHO 7 no 1 109 '62

FUNGI, PHYTOPATHOGENIC

(see also subdivision under Germany, Trans-Ili Ala-Tau)

Biology of Cylindrosporium avellanum (B et Br.) Arch et Br. T. M. Akhundov. Izv. AN Azerb. SSR Ser. biol i med. nauk no. 11 3-10 '61

Main fungus diseases in the parks of Novosibirsk M V. Nozdrenko Trudy TSSBS no 3 57-61 '60

Naumova, N. A. [Potato late blight] Fitoftora kartofelia. Leningrad, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961 180 p (DA)

Possibility of using antibiotics in the control of phytopathogenic fungi A M Bunina Trudy Vses inst sel'khoz mikrobiol 17 117-124 '60

Role of temperature in the development of the fungus Pomitopsis annosa (Fr.) Karst S. F. Negrutskii Bot. zhur. 47 no. 3 416-418 Mr '62

Sheludko, IU. M. [Helminthosporiosis in corn] Hel'mintosporioz kukuruzy. Kyiv, Vyd-vo Ukr. Akad sil's'kohospodars'kykh nauk, 1961. 103 p (DA)

FUNGI, PREDATORY

Methods for preparing preparations of predatory fungi and selecting active strains L. M. Shagalina Izv AN Turk SSR, Ser. biol nauk no 1 42-47 '62

FUNGICIDES

Antifugal activity of some perchloromethyl mercaptan derivatives [with summary in English] N M Golyshin Mikrobiologiia 31 no 1 146-152 Ja-F '62

Effect of the insecticidal and fungicidal repellent dust (IFRD-1) on cabbage clubroot N V TSitsin and others Dokl AN SSSR 143 no 4 972-975 Ap '62

Fungicide properties of mixtures of shale oils with some phenol derivatives G. F Shaitykov Trudy VNIIT no 10 189-195 '61

Results of testing the 50% preparation of tetramethylthiuram disulfide for the treatment of corn seed P G Ruminov. Sbor. nauch.-issl. rab. Azovo-Cher. sel'khoz inst. 10 91-99 '60

FUNGUS DISEASES see Mycosis

FUR

Vinogradov, A. P., E. A. Kedrin, and B. F. TSerevitinov. [Leather goods, shoes, furs and pelts] Kozhevenno-obuvnye, pushno-mekhovye i ovchinno-shubnye tovary. Pod red. N. A. Arkhangel'skogo Moskva, Gos. izd-vo torg. lit-ry, 1962. 536 p. (Tovarovedenie promyshlennykh tovarov)

FUR, ARTIFICIAL

Relationship between the weight of the artifical fur pile and sliver I. V Kiaiiuk, I. A. Ipkov. Tekst prom. 22 no 3:65-67 F '62

FURALDEHYDE

Chemistry of 5-halofurans. Part 16 Synthesis of 5-chlorofurfuric and some of its derivatives Z. N. Nazarova, IU. A. Babaev. Zhur. ob. khim 32 no. 3 723-725 Mr '62.

FURAN

Alkylation of tetrahydrofuran by ethylene in the presence of di-tert-butyl peroxide. N. I. Shuikin, B. L Lebedev. Izv AN SSSR Otd. khim nauk no. 3 533-535 Mr '62

Catalytic synthesis of pyrrolidine homologs from furan amines. I F Bel'skii. Izv AN SSSR Otd khim nauk no. 3 493-496 Mr '62.

Catalytic transformation of homologs of 2-acetylfuran to trialkyltetrahydropyrans N I Shuikin and others Izv AN SSSR Otd khim. nauk no 3 491-493 Mr '62.

Polymerization of isopropenyl heterocyclic compounds. Part 2:2-Isopropenylfuran [with summary in English] A. M. Poliakova, V. V. Korshak, N. A Lipatnikova. Vysokom. soed. 4 no. 3:334-338 Mr '62

Treatment of dysentery in adults with furacillin. A. F. Podlevskii. Kaz. med. zhur. no. 1:21-26 Ja-F '62.

Use of a protective detergent bactericidal paste with furacillin. V. I. Filipchik. Zdrav. Bel. 8 no. 1 60 Ja '62.

FURNACES

Aerodynamic study of the combustion chamber of a furnace with checkerwork [with summary in English]. V. P. Popov. Inzh.-fiz. zhur. 5 no. 3:39-44 Mr '62.

Automatic washing of the rods of wet MP-VTI ash traps V. N. Mamin. Elek. sta 33 no. 1 78-80 Ja '62.

Use of a fluidized bed for cooling the walls of a cyclone chamber with slag hardened lining. L. N. Sidel'kovskii, V. L. Russo. Izv. vys. ucheb zav. ;energ. 5 no. 2,73-78 F '62.

FURNACES, HEAT-TREATING

Rapid-heating sectional furnace for heat-treatment of electric welded pipes P. F. Kaplunov, V. N. Grigor'ev. Biul. tekh.-ekon. inform. no. 2:14-16 '62.

Uralvagonzavod, Nizhniy Tagil. [Progressive heat-treating techniques] Peredovaia tekhnologiia termicheskoi obrabotki. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 143 p

FURNACES, HEATING

Concerning V. V. Mitor's article "Temperature field of the masonry of semiflush baffles of steam boilers", readers' comments and author's replies Conducted by I. M. Minko. Inzh.-fiz zhur 5 no 1 130-131 Ja '62

Modernization of the chamber-type forging furnace O. R Matveev, G. I. Degtev Kuz.-shtam proizv 4 no 3 40-43 Mr '62.

Rapid heating of stainless steel ingots in soaking pits with central heating E P Blokhin and others Stal' 22 no 3 276-279 Mr '62

FURNACES, HEATING—PATENTS

Gas furnace for the heating of tubular blanks V S Vitenberg and others Stal' 22 no 3 279 Mr '62

FURNITURE

Blokhman, A. B. [Matching of planed veneer for furniture facing] Podbor strogannol fanery i shpona dlia oblitsovki mebeli. Moskva, Goslesbumizdat, 1961 35 p

FURNITURE—EXHIBITIONS

For your apartments O Husiev. Ukraina no 2 30 Ja '62

FURNITURE INDUSTRY

Why is there a lack of wicker furniture? B Grachev Mebel' prom i khud promys. 3 no 3 16-17 Mr '62

FUROCOUMARIN

Furocoumarins in some types of Pastinaca sativa N P. Maksiutina, D G. Kolesnikov Med. prom 16 no. 2 11-11 F '62.

FUSARIUM

Separation of antagonistic microbes of the causative agent of the fusarium wilt of flax E S Gurinovich Biul Inst biol AN BSSR no 6:192-202 '61

A stimulant of plant growth isolated from Fusarium miliforme Sheld [with summary in English]. V. L Bilai and others. Izv. AN SSSR, Ser. biol 27 no. 1 42-47 Ja-F '62.

FUSES, ELECTRIC see Electric fuses

GADOLINIUM—MAGNETIC PROPERTIES

"Helicoidal" antiferromagnetism in gadolinium [with summary in English] K P Belov, A. V. Ped'ko Zhur eksp i teor fiz 42 no 1:87-90 Ja '62

GADOLINIUM-TITANIUM ALLOYS see Titanium-gadolinium alloys

GAGARIN, IURII ALEKSEEVICH, 1934-

Astronaut in Tashkent Uzbekiston 21 no 17 Ja '62.

Citizen of the Soviet Union N. Kamanin Av i kosm. 44 no 2:78-82 '62.

Citizen of the Soviet Union. N. Kamanin Av. i kosm. 44 no 3,66-72 '62.

From different countries and continents. Av i kosm. 44 no 3:90-91 '62

Liapunov, B. V. [Rockets and interplanetary flights] Rakety i mezhplanetnye polety. Moskva, Voen. izd-vo M-va obor. SSSR, 1962. 121 p. (Nauchno-populiarnaia biblioteka)

Thousands of new letters and telegrams Av. i kosm 44 no 2:83-84 '62

The whole world is his friend. Iv. Frolov. Sov. voin 44 no. 7 14 Ap '62.

GALANTHAMINE

Rehabilitation training in gnostico-practical and speech disorders and a "disinhibitory" treatment with galanthamine E. N. Pravdina-Vinarskaia, G. B Rudaia Dokl APN S no 6 113-116 '61

GALAXIES

Electron-optical photography of galaxies with an H_α filter on the 2 6 m. reflector of the Crimean Astrophysical Observatory [with summary in English] M. M. Butslov and others Astron zhur. 39 no. 2: 315-322 Mr-Ap '62

Luminosity effect of radio galaxies [with summary in English]. IU. P. Pskovskii. Astron zhur 39 no 2, 222-228 Mr-Ap '62

Nature of the emission of radio galaxy Cygnus-A [with summary in English] N. S. Kardashev, A. D. Kuz'min, S. I. Syrovatskii. Astron zhur. 39 no 2 216-221 Mr-Ap '62

GALL see Bile

GALL BLADDER—CANCER

Apropos of the article by A. G. Gukasian, I A. Komarova and G. I. Rtskhiladze, "Etiological and clinical problems in cancer of the gall bladder" S M Red'ko. Terap. arkh. 34 no 2 109-112 '62

GALL BLADDER—DISEASES

Activity of the enzyme aldolase in healthy children and in angiocholecystitis [with summary in English]. E. I. Druzhinina. Vop. okh. mat. i det. 7 no 2 23-26 F '62.

GALL BLADDER – DISEASES (Continued)

Acute cholecystitis after resection of the stomach. M.D. Shopets. Vest khir. no.3 119-120 '62

Biliary peritonitis in acute cholecystopancreatitis without perforation of the bile ducts. V.N.Logacheva. Khirurgiia no.3 110-111 '62.

Clinical aspects of internal fistulae of the gall bladder. I.V. Shukhgaltер. Vest.khir. no.8 88-89 '61

Diagnosis and treatment of acute cholecystopancreatitis [with summary in English] P.V.Kravchenko, V.F. Volkov. Khirurgiia no.3 3-7 '62

Tactics of the physician in acute cholecystitis in light of the late results of surgical and conservative treatment [with summary in English] IA.I.Grinberg Khirurgiia no.3 19-25 '62.

Vitamin-P treatment of diseases of the liver and gall bladder. V.I.Garbusha. Med.zhur.Uzb. no.4 30-31 Ap '60.

GALL BLADDER—HYDATIDS

Echinococcosis of the gall bladder and bile ducts. A.I. Anufrov. Khirurgiia no.3 106-107 '62.

GALL BLADDER—MICROBIOLOGY

Formation of L-form microbes in the body [with summary in English] A.M.Kazancheva Klin.med. no.3 32-34 '62

GALL BLADDER—SURGERY

Formation of a gigantic calculus in the common bile duct after cholecystectomy. V.S.Saverlev, I.T.Putina. Khirurgiia no.3 105 '62.

GALLACHER, WILLIAM, 1881-

Reminiscences on the history of the English labor movement [with summary in English, p 174] William Gallacher. Nov.i noveish.ist. no.6 75-90 '61

GALLATES

Effect of ascorbic acid on the protective and therapeutic action of gallates in acute radiation sickness A.A. Gorodetskii, V.A. Baraboi Vrach.delo no.2 96-98 F '62

GALLIC HYDROXIDE

Properties of solutions of alkali metal gallates B.N. Ivanov-Emin, L.A.Nisel'son, L.E.Larionova Zhur neorg.khim. 7 no.3 522-526 Mr '62

GALLIUM

(see also subdivision under Transbaikalia)

Distribution of gallium in sphalerites from fluorite-sulfide deposits. O.V.Vershkovskaia, V.S.Klasnova, D.A.Rodionov. Trudy Inst.min.,geokhim.i kristallokhim.red.elem. no.6 3-8 '61.

GALLIUM ARSENIDE

Study of the GaAs - Ga_2S_3 system [with summary in English] I.I.Kozhina and others Vest.LGU 17 no.4 122-127 '62

GALLIUM-MAGNESIUM-ALUMINUM ALLOYS see Magnesium-aluminum-gallium alloys

GALLIUM SELENIDE CRYSTALS

The technique of growing and the study of some properties of GaSe single crystals. R.F.Mekhtiev, G.B.Abdullaev, G.A. Akhundov Dokl.AN Azerb.SSR 18 no.1 11-16 '62.

GALLIUM SULFIDE

Study of the GaAs - Ga_2S_3 system [with summary in English] I.I.Kozhina and others Vest.LGU 17 no.4 122-127 '62

GALLS (BOTANY)

Developmental characteristics of medically used galls of pistachio trees with reference to the relationships between causative agents and host plants. E.I.Slepian Trudy Len.khim.-farm.inst. 12 85-109 '61

GALVANIZING

Electrolytic etching of steel and brass. A.A. Akulinina, A.A. Zotkina. Poligr.proizv. no.2,20-21 F '62.

GALVANOMETER

Four-channel recorder with pen tracing. M.L.Gol'dfarb, V.B.Preobrazhenskii. Trudy Inst.fiz.Zem. no.19 78-80 '61.

GB-type galvanometers for seismic oscillographs. E.S. Borisevich, V.F.Katiushkin. Trudy Inst.fiz.Zem. no.19,69-72 '61.

Interchangeable pen-tracing galvanometers. E.S. Borisevich, M.L.Gol'dfarb, V.B.Preobrazhenskii. Trudy Inst.fiz.Zem. no.19;81-85 '61.

The PSERP-1 seismic recorder with pen tracing. E.S. Borisevich and others. Trudy Inst.fiz.Zem. no.19· 73-77 '61.

GAMBUSIA

Data on the acclimatization of gambusia in the Tajik S.S.R. D.N.Kazantsev. Sbor.rab.po mal.i gel'min. no.2 175-185 '58.

GAME AND GAME BIRDS see subdivision under Pechoro-Ilych Preserve

GAME THEORY

Closest analogies of the second polynomial algorithm applied to discrete problems of Chebyshev's ordinary or generalized minimax containing linear parameters [with summary in English] E.IA.Remez Ukr.mat. zhur. 14 no.1 10-56 '62

Minimax theorems for games with erroneously transmitted information [with summary in English] I.V. Romanovskii Teor.veroiat.i ee prim. 7 no.1 89-95 '62

GAMES

(see also subdivision under United States)

Games and diversions for 2-year old children using toy building materials R.V.Limantseva Med.sestra 21 no.3 39-43 Mr '62

"Pioneer" game equipment" by F.Minskin Book review Kult.i.byt.,rab. 23 no.3 30-31 Mr '62

GAMES OF STRATEGY (MATHEMATICS)

Vorob'ev, N.N., ed. [Matrix games. Translated articles] Matrichnye igry. Moskva, Gos.izd-vo fiziko-matem. 1961. 280 p (Teoriia igr)

GAMMA GLOBULIN

Chemotherapy of experimental cholera [with summary in English]. L.L.Khandanov and others. Antibiotiki 7 no.4 331-334 Ap '62.

Combined treatment of experimental plague using antibiotics and gamma globulin L.L. Khudanov and others Antibiotiki 6 no.11 1030-1032 N '61

Effect of human globulin on the course of diphtheria in an experiment. G.A.Sudzhaev. Zdrav.Bel. 8 no.1 52-53 Ja '62.

Fucose and other carbohydrate components of various γ-globulins [with summary in English] E.L.Rozenfel'd, O.M.Kostiukovskaia Vop.med.khim. 7 no.6 620-624 N-D '61

Quantitative characteristics of anti-cancer gamma globulins of narrow specificity [with summary in English] N.A.Nazarenko Biul.eksp.biol.i med. 53 no.2 75-78 F '62.

GAMMA-RAY SPECTROMETRY

Measuring spectra of gamma-ray quanta resonance absorption in crystals V.A. Briukhanov and others Prib.i tekh.eksp. 7 no.1 23-28 Ja-F '62

GAMMA RAYS

Babikov, V.V. [Gamma radiation from a compound nucleus having a large angular momentum] O γ-izluchenii sostavnogo iadra s bol'shim momentom vrashchenila. Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 7 p [With summary in English]

Improved method for distinguishing shale from limestone by means of two pencils of gamma rays of different penetrability [with summary in German. I.Braun. Izv.AN Est.SSR.Ser.fiz.-mat.i tekh.nauk no.1 59-66 '62.

Mossbauer effect, new tool for research in physics. V.V.Miller. Priroda 51 no.3;99-101 Mr '62.

Studying the angular distribution of photoelectrons knocked out by Cs^{137} gamma rays from targets with different Z values [with summary in English] A.A Rimskii-Korsakov, V.V.Smirnov Zhur.eksp.i teor.fiz. 42 no.1,67-68 Ja '62.

GAMMA RAYS—INDUSTRIAL APPLICATIONS

Effect of gamma radiation on some properties of current-conducting coatings O.K. Botvinkin, O.V Vorob'eva Stek.i ker. 18 no.1 4 Ja '62

GAMMA RAYS—PHYSIOLOGICAL EFFECT

Characteristics of the restoration of hemopoiesis in chick embryos following external γ-irradiation [with summary in English] A.V. Barsian. Biul.eksp.biol.i med. 52 no.7;110-114 Jl '61

Effect of gamma rays from Co^{60} on the survival rate of lactic acid bacteria A.G. Grinevich Uzb.biol.zhur. 5 no.1;27-14 '62

Oxygen after effect in γ-irradiation of heploid and diploid yeasts E.M Karabaev Nauch.dokl.vys.shkoly, biol.nauki no.1 105-108 '62

GAMMERMAN, ADEL' FEDOROVNA, 1888-

Professor A.F Gammerman, on her 70th birthday A.M Khaletskii Trudy Len.khim.-farm.inst. 12 7-10 '61.

GARMENT CUTTING

Lisauskiene, Jadvyga, and Marijona Masiokaite. [Cutting and sewing] Kirpimas ir siuvimas. Antrasis leidimas. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 366 p. [In Lithuanian]

GAS—PIPELINES

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Temporary instructions for designing underground gas lines of asbestos-cement pipes laid outside of inhabited places and industrial areas] Vremennye ukazaniia po proektirovaniiu podzemnykh gazoprovodov iz asbestotsementnykh trub dlia prokladki vne territorii naselennykh mest i promyshlennykh ploshchadok SN 182-61. Utverzhdeny Gosudarstvennym komitetom Soveta Ministrov SSSR po delam stroitel'stva 17 avgusta 1961 g. Moskva, Gos.izd-vo lit-ry po stroit., arkhit.i strolt.materialam, 1961. 14 p.

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Temporary technical instructions for installing gas mains of asbestos-cement pipes with a pressure up to 5 kg/cm^2 outside of cities, inhabited places, and industrial enterprises] Vremennye tekhnicheskie ukazaniia na proizvodstvo i prizmka rabot po sooruzheniiu magistral'nykh gazoprovodov iz asbestotsementnykh trub s rabochim davleniem do 5 kg/sm^2 vne gorodov, naselennykh punktov i promyshlennykh predpriatii SN 184-61. Utverzhdeny Gosudarstvennym komitetom Soveta Ministrov SSSR po delam stroitel'stva 26 avgusta 1961 Moskva, Gos.izd-vo lit-ry po stroit., arkhit. i stroit.materialam, 1961. 22 p

GAS—STORAGE

Borisov, S.D. [Underground storage of gas, from the practice of the Kuybyshev Economic Council] Podzemnoe khranenie gaza, iz opyta raboty Kuibyshevskogo sovnarkhoza Moskva, Gostoptekhizdat, 1962 111 p

GAS, NATURAL

Adapting present types of burners in gas kitchen ranges for the operation on natural and mixed gases of various parameters S.A Dymshits, E.G. Zykova, Z.I Zalina Trudy VNIIT no.10 128-135 '61

Casing-head gasoline content of oil-shale gas. A.I Bogdankin, I.N. Babin Trudy VNIIT no.10 96-100 '61

High-calorific fuel for open-hearth furnaces. L.B Pelaia Metallurg 7 no.2:26-27 F '62

Use of natural gas in welding. L.A. Kamkova Kislorodmash no.2:30 Mr-Ap '62

GAS, NATURAL—GEOLOGY

(see also subdivision under Caucasus; Krasnodarskii region, Mangyshlak Peninsula, Tigil' District, Zeya-Bureya Plain)

Zhdanov, M.A. [Geology of oil and gas fields] Neftegazopromyslovaia geologiia. Moskva, Gostoptekhizdat, 1962. 536 p.

GAS, NATURAL—PIPELINES see subdivision under Soviet Central Asia

GAS, NATURAL—STORAGE see subdivision under United States

GAS AND OIL ENGINES

On any fuel M Mikhailov. Staroob-zerzh. no.11;11-13 '61

Use of electrical simulation for determining the temperature field of an internal combustion engine I.A Boldoba, V.S. Semenov. Izv.vyss.uchebn.zav.,energ. 5 no.2;79-84 F '62

GAS AND OIL ENGINES—COOLING

Experimental study of ejector cooling of an engine [with summary in English] B.P Zholerko Inzh.fiz.zh. 5 no.1 79-84 Ja '62.

GAS AND OIL ENGINES—MAINTENANCE AND REPAIR

Reconditioning by built-up welding of cylinder sleeves for internal combustion engines. P.M.Ivlev, A.A Orlov. Avtom.svar. 15 no.4:82-84 Ap '62

GAS AND OIL ENGINES—TESTING

Markovs'kyi, IE.A., and V.I. Steinenko [Application of radioactive isotopes for testing internal-combustion engines] Zastosuvannia radioaktyvnykh izotopiv dlia doslidzhennia dvyhuniv vnutrishn'oho zhorinnnia. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 46 p.

GAS AS FUEL

Methods for controlling the extent of odorization of fuel gases I.N Babin Trudy VNIIT no.10 136-147 '61

Perli, G.I. [Experience in gas supply and utilization in the boiler room of an industrial heat and electric power plant] Opyt prioma i ispol'zovaniia gaza v kotel'nol zavodskoi TETs. Leningrad, 1962. 23 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serila: Energetika, no.2)

GAS BURNERS

Adapting present types of burners in gas kitchen ranges for the operation on natural and mixed gases of various parameters S.A. Dymshits, E.G. Zykova, Z.I Zalina Trudy VNIIT no.10 128-135 '61.

Scientific technical conference on the design and construction of burner systems for natural gas I.M Liando. Prom.energ. 17 no.2;47-48 F '62.

GAS BURNERS—CONGRESSES

Scientific and technical conference on the efficiency of design and experience in operating large gas burner systems V.I.Trembovlia. Elek.sta. 33 no.1 91 Ja '62

GAS CHROMATOGRAPHY

Analysis of chlorofluoromethanes by gas-liquid chromatography. A.L Gol'dinov, V.I. Lukhovitskii, N.A Sysnina Zav.lab. 28 no.2:150-151 '62.

Analysis of complex organic mixtures by the method of gas chromatography. M.S. Vigdergauz. Usp.khim. 31 no.1;73-100 Ja '62.

Increasing the effectiveness of gas chromatography. A.A Zhukhovitskii, N.M. Turkel'taub. Zav.lab. 28 no.2 133-136 '62.

GAS DISTRIBUTION—SAFETY MEASURES

Knapp, K. K. [Safety measures connected with the turning on of gas into distribution systems] Tekhnika bezopasnosti pri pusk'e gaza. Moskva, Izd-vo M-va kommun khoz RSFSR, 1961. 106 p.

Some problems in the gas distribution in cities. M. I. Gil'din. Bezop. truda v prom. 6 no. 3 17-18 Mr '62.

GAS DYNAMICS

Boundary layers and stabilized gas discharge in diffusion radiation. E. A. Romishevskii. Inzh. zhur. 2 no. 1 170-174 '62.

Difference methods for the numerical solution of gas dynamics problems. S. K. Godunov, K. A. Semendyaev. Zhur. vych. mat. i mat. fiz. 2 no. 1 3-14 Ja-F '62.

Experimental method for determining the local friction coefficients in nonisothermal conditions [with summary in English]. A. N. Obliv'in. Inzh.-fiz. zhur. 5 no. 3: 15-20 Mr '62.

Gas dynamics and heat transfer in a coarse-grained fluidized bed [with summary in English]. D. IA. Mazurov. Inzh.-fiz. zhur. 5 no. 1 13-20 Ja '62.

Method for visual study of a gas flow. V. A. Sherstiankov. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr., no. 1 178-179 Ja-F '62.

One-dimensional nonstationary gas inflow and outflow from tanks with limited capacity. A. F. Osipov. Inzh. zhur. 2 no. 1 29-10 '62.

Theory of a nonideal Bose-gas at nonzero temperature. IU. A. TSerkovnikov. Dokl. AN SSSR. 143 no. 4 832-835 Ap '62.

GAS FLOW

Calculation of a turbulent boundary layer in the presence of substantial positive pressure gradients [with summary in English]. S. S. Kutateladze, A. I. Leont'ev. Inzh.-fiz. zhur. 5 no. 1 33-41 Ja '62.

Free-molecular heat transport near a wall [with summary in English]. A. K. Rebrov. Inzh.-fiz. zhur. 5 no. 1 111-114 Ja '62.

GAS GANGRENE

Effect of levomycetin on experimental gas infection caused by associations of microorganisms [with summary in English]. S. V. Solov'ev, K. I. Matveev. Antibiotiki. 6 no. 11 1026-1030 N '61.

Simultaneous action of Cl. perfringens hemotoxin and B. proteus centrifugate in the presence of a specific antigangrene serum [with summary in English]. IU. I. Donets, N. L. Dumkina. Zhur. mikrobiol., epid. i immun. 33 no. 2 84-87 F '62.

Study of the immunogenic effectiveness of a gangrene dianatoxin (perfringens and oedematiens) in human revaccinations. L. G. Podgornaia. Zhur. mikrobiol., epid. i immun. 33 no. 2 123-124 F '62.

GAS HEATING

Kopytov, V. F. [New methods of gas heating] Novye metody gazovogo nagreva. Moskva, Metallurgizdat, 1962. 135 p.

GAS-LUBRICATED BEARINGS

Design of a gas-lubricated bearing. IU. V. Maslakov. Trudy LPI no. 217 155-157 '61.

Hydrodynamic analysis of a cylindrical suspension. N. V. Dushin, L. G. Stepaniants. Trudy LPI no. 217 133-139 '61.

Linearization of boundary conditions in the theory of air suspensions. N. D. Zablotskii. Trudy LPI no. 217 127-132 '61.

Self-rotation of air suspensions. I. E. Siponkov. Trudy LPI no. 217 140-155 '61.

GAS MASKS see subdivision under United States

GAS PIPES

Lack of coordination in making designing decisions. V. G. Ivantsov. Stroi. truboprov. 7 no. 2 17 F '62.

GAS PRODUCERS

Simple gas generator. E. V. Lazarev. Khim. v shkole 17 no. 2 60-61 Mr-Ap '62.

GAS PRODUCERS—TESTING

Determining pressure losses in the compressor valves and engine windows of a free piston gas generator. V. I. Evenko. Sbor. trud. BITM no. 20 97-106 '61.

Koliuko, V. M. [Testing of free piston gas generators] Ispytaniia svobodnoporshnevykh generatorov gaza. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1961. 206 p.

GAS-TURBINE LOCOMOTIVES

Prospects of the use of gas turbine units with free-piston gas generators for locomotives. V. I. Evenko. Sbor. trud. BITM no. 20 55-66 '61.

GAS TURBINES
(see also subdivision under Leningrad)

Calculation of temperature fields in a gas turbine blade cooled through mounting clearances [with summary in English]. E. I. Molchanov, A. R. Khenven. Inzh.-fiz. zhur. 5 no. 3 45-50 Mr '62.

Erosion and formation of deposits on the blading apparatus of a gas turbine operating on a gas with suspended particles of fine fraction. S. Sh. Rozenberg. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no. 1 111-115 Ja-F '62.

Flow characteristics of gas turbines. E. F. Bartosh. Energomashinostroenie. 8 no. 1 1-5 Ja '62.

Joint operation of a free-piston gas generator and gas turbine. V. I. Evenko. Sbor. trud. BITM no. 20 86-96 '61.

"Regeneration systems and regenerators of gas turbine plants" b. IU. M. Dedusenko. Reviewed by I. A. Shubenko-Shubin, V. A. Shvarts. Energomashinostroenie. 8 no. 1 37 Ja '62.

Steam and gas installations. S. A. Khristianovich. Nauka i zhizn'. 29 no. 1 15-18 Ja '62.

Ways of improving the economic indices of gas-turbine units with free-piston gas generators in case of partial power output. V. I. Evenko, M. I. Soroko, N. G. Apanovich. Sbor. trud. BITM no. 20 67-85 '61.

GAS WELDING AND CUTTING

Cutting of stainless steel with standard cutters. V. D. Tarlan, IU. A. Kalachev. Svar. proizv. no. 1 34-35 Ja '62.

Es'kov, K. A. [Gas welding and cutting] Gazovaia svarka i rezka. Moskva, Mashgiz, 1961. 35 p. (Nauchno-populiarnaia biblioteka rabochego-svarshchika, no. 11)

Gas welding. A. Dolzhenkov, B. Tret'iakov. Sel'. mekh. no. 3 41-41 '62.

New system of programing the performance of gas-cutting machines. IU. V. Kurlovich. Svar. proizv. no. 1, 19-22 Ja '62.

Use of natural gas for oxygen cutting. K. S. Oleinikova. Svar. proizv. no. 1 35 Ja '62.

GAS WELL LOGGING

Luminescence methods of studying wells. D. A. Gasanov, A. V. Ushakov. Azerb. neft. khoz. 40 no. 10 9-12 O '61.

GAS WELL LOGGING, ELECTRIC

Automatic gas-logging station. L. I. Pomerants, G. I. Epshtein. Razved. i prom. geofiz. no. 39 72-110 '61.

GAS WELLS—COSTS

Reduce the construction costs of oil and gas wells. V. Stel'mashuk. Fin. SSSR. 23 no. 3 29-30 Mr '62.

GAS WELLS—EQUIPMENT AND SUPPLIES

Equipping the mouth of production strings in gas wells. A. F. Rustambekov. Azerb. neft. khoz. 40 no. 10 21-23 O '61.

GASES

Dissociation of CH_4^+, CH_3^+, CH_2^+, CH^+, H_2O^+, OH^+ ions as a result of single collisions with atoms and molecules of various gases. S. E. Kuprianov. Kin. i kat. 3 no. 1 13-17 '62.

Gases in the water of Novosibirsk Reservoir (1957-1959). M. V. Petrenko. Trudy Biol. inst. Sib. otd. AN SSSR no. 7 249-260 '61.

GASES—ANALYSIS

Composition of gases released by binders. N. D. Egorkina, Z. I. Denisova. Lit. proizv. no. 3 45 Mr '62.

Composition of the gaseous phase during the sintering of magnetite concentrates. V. IA. Miller, S. V. Bastilevich, G. M. Maizel'. Obog. rud. 7 no. 1 29-34 '62.

Determination of small amounts of carbon monoxide in gases using the chemo-chromatographic method. G. N. Dantsig, D. B. Orochkin. Zav. lab. 28 no. 2 136-139 '62.

Foreign gas analyzers. IA. A. Ivanov. Avtom. i prib., no. 1 77-85 Ja-Mr '62.

GASES IN SOILS

Composition of soil air in peat-bog soils [with summary in English]. M. A. Novikov. Pochvovedenie no. 2 58-68 F '62.

Content of air and aeration of humus-peat soils [with summary in English]. B. N. Makarov. Pochvovedenie no. 2 87-92 F '62.

GASES IN THE BLOOD see Blood, Gases in

GASHOLDERS

Steel dry gasholders with a rubber section. V. A. Korchagin. Prom. stroi. 40 no. 3 54-56 '62.

GASIFICATION OF COAL, UNDERGROUND see Coal gasification, Underground

GASOLINE—TOXICOLOGY

Pollution of air by gasoline vapor and its maximum permissible concentration. N. F. Izmerov. Prof. dop. kontsept. atmosf. zagr. no. 5 72-93 '61.

GASTRIC FISTULA see Fistula, Gastric

GASTRIC JUICE

Functional characteristics and morphological changes of the stomach following transpleural resection of the esophagus and cardia [with summary in English]. IU. S. Liadov. Grud. khir. 2 no. 1 99-104 Ja-F '60.

GASTRITIS see Stomach—Inflammation

GASTROENTEROLOGY

Etiology and clinical aspects of gastrointestinal diseases in children, especially infants [with summary in English]. O. A. Timofeeva and others. Sov. med. 25 no. 2: 42-46 F '62.

GASTROINTESTINAL HEMORRHAGE

Hemangioma of the large intestine causing profuse hemorrhage. N. F. Kitenga. Vest. khir. no. 3 125-126 '62.

Ulcers of Meckel's diverticulum as a cause of intestinal hemorrhages in children. B. A. Rogal'skii, S. R. Sarkisiants. Vest. khir. no. 3 126-127 '62.

GASTROINTESTINAL MOTILITY

Effect of sodium lactate solutions on intestinal motility [with summary in English]. I. Fadeev, Z. I. Chernogorova. Fiziol. zhur. [Ukr.] 7 no. 6 811-815 N-D '61.

GASTROPODA

Variability of the shell of the mollusk Limnea stagnalis L. P. V. Terent'ev. Trudy Len. ob-va est. 72 no. 1 96-97 '61.

GATCHINA DISTRICT—EDUCATION, PRESCHOOL

Comments by the heads of collective farms. V. A. Ivanova, L. A. Kanashnikova, A. Makarov. Doshk. vosp. 35 no. 3 41-43 Mr '62.

GATES, HYDRAULIC

Restoring the wing gates of a navigation lock. G. A. Polonskii. Gidrostroi. 32 no. 1 21-23 Ja '62.

GAUGES

Vasil'ev, N. P., and V. N. Levitskii. [Special purpose indicating gauges and devices] Spetsial'nyi indikatornyi izmeritel'nyi instrument i prisposobleniia; iz opyta raboty izmeritel'noi laboratorii zavoda "Vulkan." Leningrad, 1962. 12 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serila Kontrol' kachestva produktsii, no. 2)

GAVARNI, GUILLAUME SULPICE CHEVALLIER, 1804-1866

Leningrad. Ermitazh. [Paul Gavarni, 1804-1866, catalog of his prints on exhibition] Pol' Gavarni, 1804-1866, katalog vystavki estampov. Leningrad, Izd-vo Gos. Ermitazha, 1961. 58 p. Illus.

GAVRILOV, IL'IA GAVRILOVICH

Saparov, A. V. [Rock of danger; sketches] Kamen' opasnosti; ocherki. [Leningrad] Lenizdat, 1961. 68 p. (Nashi sovremenniki)

GAY REGION (ORENBURG PROVINCE)—COPPER MINES AND MINING

Working the loose rock of the Gay deposit. IU. I. Beliakov, A. E. Rozenplenter. Trudy Gor.-geol. inst. UFAN SSSR no. 57 23-27 '61.

GDOV—OIL SHALES

Oxidation of oil shales by atmospheric oxygen. Report No. 1. Oxidation of alkali water suspension of Gdov shale in an autoclave. V. A. Proskuriakov, Z. V. Solovetchik. Trudy VNIIT no. 10 64-80 '61.

Oxidation of oil shales by atmospheric oxygen. Report No. 2. Oxidation of Gdov shales in a continuous air feed. V. A. Proskuriakov, Z. V. Solovetchik. Trudy VNIIT no. 10, 81-90 '61.

GE, NIKOLAI NIKOLAEVICH, 1831-1894

Ge, N. N. [Reproductions] Reproduktsii. Moskva, Gos. izd-vo iskusstva, 1961. [14] p. illus.

GEAR-CUTTING MACHINES

Attachment for cutting bevel pinions. A. N. Koshkin. Mashinostroitel' no. 3 40 Mr '62.

GEARING

Characteristics of selecting gear ratio corrections for two- and four-crank presses. V. N. Tyntanov. Kuz.-shtam. proizv. 4 no. 3 24-25 Mr '62.

Kolchin, N. I. [Mechanical engineering] Mekhanika mashin. Moskva, Mashgiz.
Vol. 1. [Structure and kinematics of mechanisms. Geometrical and kinematic analysis and synthesis of mechanisms] Struktura i kinematika mekhanizmov, geometricheskii i kinematicheskii analiz i sintez mekhanizmov. Izd. 2., perer. 1962. 540 p.

GEARING—TERMINOLOGY

Akademiia nauk SSSR. Komitet tekhnicheskoi terminologii. [Gear wheels, engagements and transmissions with a constant gear ratio; terminology] Zubchatye kolesa, zatsepleniia i peredachi s postoiannym peredatochnym otnosheniem, terminologiia. Moskva, Izd-vo Akad. nauk SSSR, 1962. 67 p. (Sborniki rekomenduemykh terminov, no. 57)

GEARING, BEVEL

Matveev, G. A. [A method for generating tooth surfaces of hyperboloical gears] Odin iz sposobov obrazovaniia poverkhnostei zub'ev giperboloidnykh koles. Kazan' 1960. 23 p. (Kazan. Aviatsionnyi institut. Trudy, no. 60)

GEARING, WORM

Pisik, I. B. [Ball-screw mechanisms] Sharikovintovye mekhanizmy. Moskva, Mashgiz, 1962. 122 p.

GECKOS—PARASITES see Parasites—Geckos

GEGECHKORI DISTRICT—SEISMOMETRY
Singular phase characteristic of some earthquakes of Gegechkori District O M. Maisuradze Soob AN Gruz SSR 27 no 3 271-276 S '61

GELATIN
Hygroscopic properties and gelatinization of the muscle tissue of fish and slaughtered warm-blooded animals [with summary in English] F. S. Okolov, S. Kh Nikolov Vop pit 21 no 2 50-56 Mr-Ap '62

Role of hydrogen bonds in the gelation of derivatives of a styrene-maleic anhydride copolymer [with summary in English] G N Lapshin. Vysokom soed 4 no. 3 468-470 Mr '62

GENERALIZED SPACES see Spaces, Generalized

GENERATIVE ORGANS
Effect of general X-ray radiation on the sexual system of white mice and rabbits (female) L. P. Markarian, M. S. Ordoian Vop radiobiol [AN Arm SSR] 1 127-135 '60

Radiation injury of carp gonads N B Cherfas Vop ikht 2 no 1 104-115 '62

GENERATIVE ORGANS—ABNORMITIES AND DEFORMITIES
Double uterus and vagina with a cancerous growth in one cervix. E V. Liubarskaia Med zhur Uzb no 1 85 Ja '62

GENERATIVE ORGANS, FEMALE
Effect of the complete removal of cerebellum on the development of sexual functions and reproductive activity in female dogs L P Markarian Izv AN Arm SSR Biol nauki 14 no 12 105-110 D '61

GENERATIVE ORGANS, FEMALE—DISEASES
Gliula, I. O. [Neuropathology in gynecology; applicable in disorders of the ovarian-menstrual cycle, diseases of the uterus and ovaries during the periods of sexual maturation and the climacteric] Nervnaia patologiia v ginekologii, pri narushenilakh ovarial'no-menstrual'nogo tsikla, zabolevaniiakh matki i laichnikov v period polovogo sozrevaniia i klimaksa. Kiev, Gos med izd-vo USSR, 1961 61 p.
(DNLM)

GENERATIVE ORGANS, FEMALE—TUMORS
Some characteristics of the course of tumors of the sexual organs in small and adolescent girls A IA Markov Fel'd i akush 27 no 2 12-15 F '62

GENITOURINARY ORGANS
Participation of suprarenal glands and ovaries in the morphogenesis of genitals during the development of human fetus. S. E. Levina. Biul. MOIP. Otd. biol. 67 no. 1 158-159 Ja-F '62.

GENITOURINARY ORGANS—ABNORMITIES AND DEFORMITIES
Case of aplasia of the kidneys, ureters, urinary bladder, and testis. E. M. Delagina. Zdrav. Kazakh. 21 no. 12 58 '61.

GENITOURINARY ORGANS—DISEASES
Veinerov, I. B., and L. M. Rozhinskii. [Diseases of the male urogenital organs, the lower section of the urogenital system] Bolezni mochepolovykh organov u muzhchin; nizhnii otdel mochepolovoi sistemy. Kiev, Gos. med. izd-vo USSR, 1961. 220 p.
(DNLM)

GENTIANS
(see also subdivision under Siberia)
Formation of the morphological structure of Gentiana lutea L N A. Borisova Trudy Len khim -farm inst. 12 311-317 '61.

GEOCHEMISTRY
(see also subdivision under Kalba Range)
Distribution of iron, manganese, and phosphorus in lower Oligocene deposits of Mangyshlak. E. S. Tikhomirova. Dokl. AN SSSR 143 no 3:705-708 Mr '62.

Gallium in the oxidation zone of some polymetallic deposits of eastern Transbaikalia. M. F. Kulikova. Dokl. AN SSSR 143 no 2,423-426 Mr '62.

Perel'man, A. I. [Geochemistry of epigenetic processes; zone of supergene processes] Geokhimiia epigeneticheskikh protsessov; zona gipergeneza. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 149 p.

Summaries of the principal articles in "Geochimica et Cosmochimica Acta" no 1, 1960 Geokhimiia no. 12: 1129-1134 '61.

Summaries of the principal articles in "Geochemica et Cosmochimica Acta" no. 3/4, 1961 Geokhimiia no. 2, 190-192 '62.

GEOCHEMISTRY—CONGRESSES
Geochemical conference in Hungary. V. I. Lebedev. Trudy Len. ob-va est. 72 no. 1:61-63 '61.

GEOCRONITE see subdivision under Kazakhstan

GEO-ELECTRIC PROSPECTING see Electric prospecting

GEOGRAPHERS, AMERICAN see subdivision under Leningrad

GEOGRAPHICAL NAMES see Names, Geographical

GEOGRAPHICAL RESEARCH
(see also subdivision under Asia, Central, Ryazan Province, United States)
Gvozdetskii, N. A. [Recent geographical explorations of Soviet scientists] Noveishie geograficheskie issledovaniia sovetskikh uchenykh. Moskva, Izd-vo "Znanie," 1961. 37 p. (Narodnyi universitet kul'tury. Estestvennonauchnyi fakul'tet, no. 26)

GEOGRAPHICAL SOCIETIES
(see also subdivision under Moscow)
On the fifth anniversary of the organization of the Eastern Commission of the Geographical Society of the U S S R. Strany i nar. Vost. no. 2 276-283 '61.

Report on the work of the National Committee of Soviet Geographers in 1961 M. B. Gornung, T. M. Lebedeva Izv AN SSSR. Ser geog no. 2 129-130 Mr-Ap '62

Tasks of the Geographical Society in connection with the decisions of the 22d Congress of the CPSU. Izv. Vses geog. ob-va 94 no. 1, 1-2 Ja-F '62

GEOGRAPHY
(see also subdivision under Buryat-Mongolia; Kara-Bogaz-Gol region, Lvov Province, Ukraine)
Current theoretical problems in geography. Petrie Deykie Izv. Vses geog. ov-ba 94 no. 1 88-91 Ja-F '62

Kuznetsov, I. V., ed. [Russian scientists; sketches about outstanding workers in natural science and technology, geology and geography] Liudi russkoi nauki, ocherki o vydaiushchikhsia deiateliakh estestvoznaniia i tekhniki. Geologiia, geografiia. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1962. 579 p.

Stroev, K. F. [Geography of the U. S. S. R., textbook for the seventh and eighth grades of the eight-year school] Geografiia SRSR, pidruchnyk dlia 7-8 klasiv vos'myrichnoi shkoly Kyiv, Derzh. uchbovo-pedagog. vyd-vo "Radians'ka shkola," 1961. 282 p.

"Theoretical problems of geography" by V. A. Anuchin. Reviewed by S V. Kalesnik Izv Vses geog. ob-va 94 no. 1 85-25 Ja-F '62.

Theory and practice in Arabian geography. T. A. Shumovskii. Strany i nar. Vost. no. 2 143-159 '61.

GEOGRAPHY—BIBLIOGRAPHY see Bibliography—Geography

GEOGRAPHY—DICTIONARIES
"Concise geographical encyclopedia" Reviewed by N. IA. Miagkov Izv AN Turk SSR Ser biol nauk no 1 82-84 '62

GEOGRAPHY—STUDY AND TEACHING
Barkov, A. S. [Problems on the methods and history of geography] Voprosy metodiki i istorii geografii, izbrannye raboty. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1961. 263 p.

Studying the topic "Our locality" in the fourth grade L F Mel'chakov Nach shkola 30 no 1 59-64 Ap '62

GEOGRAPHY, ECONOMIC
(see also subdivision 'Economic geography' under Mexico; Poland, Rostov Province, Ulan-Ude)
Ways for the further development of economic geography. M M Zhurmunskii. Izv AN SSSR, Ser. geog. no 2, 101-115 Mr-Ap '62

GEOGRAPHY, ECONOMIC—RESEARCH
Konstantinov, O. A. [Present state of economic and geographical studies on economic regionalization in the U. S. S. R.; materials for the 3d Congress of the Geographical Society of the U S S R.] Sovremennoe sostoianie ekonomiko-geograficheskikh issledovanii po ekonomicheskomu raionirovaniiu v SSSR, materialy k III s"ezdu Geograficheskogo obshchestva Soiuza SSR. Leningrad, Geogr. ob-vo SSSR, 1959. 31 p (Doklady po probleme: Ekonomicheskoe raionirovanie strany)

GEOGRAPHY, MEDICAL see Medical geography

GEOKCHAY REGION—PETROLEUM GEOLOGY
Recent data on prospective oil resources of the extreme southeastern structures of the Chatmino-Geokchay anticlinorium M. R Abdullaev and others Dokl AN Azerb SSR 18 no 1 27-30 '62

GEOLOGICAL RESEARCH
(see also subdivision under Siberia)
Zhilkin, N. G., and A. V. Urasov. [Safety measures and industrial hygiene in the research institutes and laboratories of geological organizations] Okhrana truda i proizvodstvennaia sanitariia v nauchno-issledovatel'skikh institutakh i laboratoriiakh geologicheskikh organizatsii. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1961. 178 p.

GEOLOGICAL SURVEYS
(see also subdivision under Bashkiria; Pendzhikent region; Tuymen' Province; Volga-Ural region)
Russia (1923- U. S. S. R.) Ministerstvo geologii i okhrany nedr. [Methodological manual on hydrogeological surveying at the scales of 1:1, 000, 000 - 1:500, 000 and 1:200, 000 - 1:100, 000] Metodicheskoe rukovodstvo po gidrogeologicheskoi s"emke masshtabov 1:1000000 - 1:500000 i 1:200000 - 1:100000. Pod obshchei red. A. A. Makkaveeva i A. S. Riabchenkova. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr. 1961. 318 p.

GEOLOGICAL TIME
(see also subdivision under Armenia, Baikal Lake region, Kola Peninsula, Talas-Ala Tau)
Age of the Asha series according to paleomagnetic data R. A. Komissarova, I. P Stanchtais Trudy VNIGRI no 186 365-369 '61

GEOLOGY
(see also subdivision under Armenia; Baikal Lake region; Kazakhstan, Latvia, Maymecha Valley, Orulgan Range, Siberia, Eastern, Soviet Far East, Taz Peninsula, Tien Shan, Turkmenistan, Ural Mountains; Vilyuy Lowland)
Akademiia nauk SSSR. Institut geografii. [Problems of the Holocene, symposium of papers for the 6th Congress of the International Association for Quaternary Research, Warsaw, 1961] Voprosy golotsena, sbornik statei k VI Mezhdunarodnomu kongressu INKVA v Varshave, 1961. Red. M. I. Neishtadt i V. K Gudelis. Vil'nius, In-t geografii AN SSSR, 1961. 382 p. [With summaries in English]

Akademiia nauk SSSR. Komi filial, Syktyvkar. [Collection of works on geology and paleontology] Sbornik trudov po geologii i paleontologii. Syktyvkar, 1960. 402 p

"Anthropozoikum," vols 7-8 [in Chech] Reviewed by A M Zhitmunskii Trudy Kom chetv per no 26 168-169 '61.

Khodalevich, A. N. [Historical geology including paleontological elements] Istoricheskaia geologiia s elementami paleontologii. Moskva, Gos. izd-vo "Vysshaia shkola," 1961 287 p.

Kuznetsov, I. V., ed. [Russian scientists; sketches about outstanding workers in natural science and technology, geology and geography] Liudi russkoi nauki, ocherki o vydaiushchikhsia deiateliakh estestvoznaniia i tekhniki. Geologiia, geografiia Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1962. 579 p.

Kuznetsov, S. I., M. V. Ivanov, and N. N. Lialikova. [Introduction to geological microbiology] Vvedenie v geologicheskuiu mikrobiologiiu. Moskva, Izd-vo Akad nauk SSSR, 1962. 238 p.

New materials from German researchers on the paleogeography, Quaternary stratigraphy, geomorphology, and the geography of soils L R Serebriannyi, N S Chebotareva, V M Fridland. Trudy Kom chetv per no 26, 169-173 '61

GEOLOGY—ABSTRACTS
[Geology] Ref. zhur. Geol. no. 3 '62.

GEOLOGY—BIBLIOGRAPHY see Bibliography—Geology

GEOLOGY—CONGRESSES
Conference of workers of Geological Survey laboratories V. N Fedorchuk, I. V. Shemnenkov Razved. i okh. nedr 28 no 1 61-63 Ja '62.

Novosibirskaia konferentsiia po ucheniiu o geologicheskikh formatsiiakh, Novosibirsk, 1959 [Materials of the Novosibirsk Conference on the Study of Geological Formations] Materialy. Pod red. M. K. Kosvvina. [Novosibirsk] Novosibirskoe knizhnoe izd-vo.
Vol. 1. 1955. 221 p.

GEOLOGY—MAPS see subdivision under Kazakhstan; West Siberian Plain

GEOLOGY, ECONOMIC
(see also subdivision under Armenia; Kazakhstan, Yenisey Ridge)
Decisions of a joint party meeting open to nonparty workers. Izv. AN Kazakh SSR Ser. geol no. 4. VII-IX '61.

GEOLOGY, ECONOMIC—RESEARCH see subdivision under Kazakhstan

GEOLOGY, STRATIGRAPHIC
(see also subdivision under Alay Range; Anabar Shield; Argun Valley, Athashi Range; Baikal Lake region; Balkhash region; Baltic Sea region; Bashkiria, Bazumskiy Range; Black Sea region; Caspian Sea region; Chingiz-Tau, Dzungarian Ala-Tau, Europe, Eastern, Fergana; Kazakhstan; Kokshaal-Tau; Komakhkend region; Kuba-Dag, Lechkhumi Range; Lena Valley; Martuni region, Azerbaijan; Nagorno-Karabakh Autonomous Area, Pshekha Valley, Rachim Range, Rep'yevka region, Russian Platform; Siberia, Soviet Central Asia, Tien Shan; Turkmenistan; Verkhoyansk Range, West Siberian Plain; White Russia)
Buried soils of the Valdai interstadial. T. D. Morozova. Dokl. AN SSSR 143 no. 2:405-408 Mr '62.

GEOLOGY, STRATIGRAPHIC—MAPS see subdivision under Dnieper Valley

GEOLOGY, STRUCTURAL
(see also subdivision under Belomorsk region; Donets Basin; Ingur Valley; Kazakhstan; Magnitogorsk region, Pendzhikent region; Polar regions; Pripet Valley; Russian Platform, Sakhalin; Turgay Gates; Turkmenistan; Ural Mountains)
Belousov, V. V., and Iu. M. Sheinman, eds. [Problems of tectonics] Problemy tektoniki; sbornik statei. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1961. 244 p.

GEOLOGY, STRUCTURAL—CONGRESSES

The Third Interdepartmental Conference on the Study of the Recent Tectonic Movements of the Earth's Crust I. E. Setunskaia, L. A. Fin'ko Izv. AN SSSR, Ser. geog. no. 2, 115-118 Mr-Ap '61

GEOMETRICAL OPTICS see Optics, Geometrical

GEOMETRY

Golovina, L. I., and I. M. IAglom. [Induction in geometry] Induktsiia v geometrii. Izd. 2., ispr. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 98 p. (Populiarnye lektsii po matematiki, no. 21)

GEOMETRY—STUDY AND TEACHING

Dependence of the formation of geometrical concepts on the initial form of operation N. F. Talyzina, V. V. Nikolaeva Dokl. APN S no. 6, 27-30 '61

GEOMETRY, ANALYTIC

Analytic solution of Pohlke's problem [with summary in German]. A. Rumal. Izv. AN Est. SSR, Ser. fiz.-mat. i tekh. nauk 10 no. 2, 105-109 '61.

GEOMETRY, ANALYTIC—PLANE

Mode in Euclidean geometry model *on a hyperbolic plane* IA. S. Dubnov. Mat. pros. no. 6, 181-190 '61

GEOMETRY, DESCRIPTIVE

Jodikaitis, Jeronimas. [Descriptive geometry] Braizomoji geometrija. Vilnius, Valstybine politines ir moksalines literaturos leidykla, 1961. 340 p. [In Lithuanian]

Posvianskii, A. D. [Brief course in descriptive geometry] Kratkii kurs nachertatel'noi geometrii. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 270 p.

Russkevich, N. L. [Descriptive geometry] Nachertatel'naia geometriia. Khar'kov, Izd-vo Khar'kovskogo gos. univ. im. A. M. Gor'kogo, 1961. 331 p.

Sheregoev, N. P. [Concise handbook on descriptive geometry and mechanical drawing] Kratkii spravochnik po nachertatel'noi geometrii i mashinostroitel'nomu chercheniiu Moskva, Mashgiz, 1962. 214 p.

GEOMETRY, DIFFERENTIAL

Local surfaces of entirely stratifiable *normals of the surface of a projective space* G. N. Tevzadze Trudy mat. inst. AN Gruz. SSR 27 159-164 '60

Projective two-dimensional Finsler spaces with special metrics V. K. Kropina Trudy Sem. po vekt. i tenz. anal. no. 11:271-282 '61

Some properties of "isoclines." IA. Sh. Kaphanovich Izv. vys. uchеb. zav. ,mat. no. 6:43-50 '61

Some properties of solutions of the Gauss equation I. N. Vekua. Trudy Mat. Inst. 64:5-8 '61.

Spaces with a special set of geodesic lines V. M. Chelnishenko. Trudy Sem. po vekt. i tenz. anal. no. 11: 253-260 '61

Theory of curves in (n-1)-dimensional projective space. N. F. Rakhina. Trudy Sem. po vekt. i tenz. anal. no. 11: 153-161 '61

Theory of fields of local improper hyperstrips in X_n S. M. Chashechnikov Trudy Sem. po vekt. i tenz. anal. no. 11:165-198 '61

Theory of fields of local surfaces in a tangential combination of nets of the first order $E_n(X_n)$ G. I. Zhotikov. Trudy Sem. po vekt. i tenz. anal. no. 11:189-218 '61

GEOMETRY, DIFFERENTIAL—PROJECTIVE

Mapping of a space onto a plane by means of space curves Z. A. Skopets Izv. vys. uchеb. zav. ,mat. no. 6: 97-107 '61.

GEOMETRY, NON-EUCLIDEAN

Models of elliptic spaces. A. S. Solodovnikov Trudy Sem. po vekt. i tenz. anal. no. 11:203-208 '61

Spinor representations of the motion of quasi-non-Euclidean spaces. N. T. Abbasov. Trudy Sem. po vekt. i tenz. anal. no. 11:241-252 '61.

GEOMETRY, PROJECTIVE

Geometric theory of Carathéodory's transformations in the problem of Lagrange. N. I. Kabanov. Trudy Sem. po vekt. i tenz. anal. no. 11:219-240 '61.

GEOMORPHOLOGY—MAPS

Principles of charting a special geomorphological map, methods of geomorphological analysis of rocks. N. P. Kostenko. Trudy Kom. chetv. per. no. 20 20-34 '61

GEOPHYSICAL PROSPECTING see Prospecting—Geophysical methods

GEOPHYSICAL RESEARCH

(see also subdivision under Pacific Ocean)

World Data Center of the International Geophysical Year Okeanologiia 1 no. 5:933 '61.

GEOPHYSICS

Relationship between the Mohorovičić's surface and the country relief and gravity anomalies [with summary in English]. N. P. Grushinskii Soob. GAISH no. 119:3-25 '61.

GEOPHYSICS—ABSTRACTS

[Geophysics] Ref. zhur.: Geofiz. no. 3 '62.

GEOPHYSICS—BIBLIOGRAPHY see Bibliography—Geophysics

GEORGIA—ADOLESCENCE

Physical development and health of juvenile workers and students of industrial vocational schools in Tiflis and Batum L. R. Stravchinskii Gig. truda i prof. zab. 4 no. 1 47-48 Ja '60

GEORGIA—BOTANY, MEDICAL

Relationship between the accumulation of tannins and some ecological and biological characteristics of plants, based on materials on the study of tannin plants of the Georgian S. S. R. Ts. P. Tsabladze Trudy Ten. khim.-farm. inst. 12 285-296 '61

GEORGIA—CITRUS FRUITS

Specialization of collective farms in citrus fruit growing [with summary in English]. N. V. Pogorelov. Subtrop. kul't. no. 1 35-48 '61.

GEORGIA—COAL MINES AND MINING

Mikeladze, A. S. [Experience in the mining of thick coal seams of the Kuznetsk and Chelyabinsk Basins as applied to the coal deposits of Georgia] Opyt razrabotki moshchnykh ugol'nykh plastov Kuznetskogo i Cheliabinskogo basseinov primenitel'no k ugol'nym mestorozhdeniiam Gruzii. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1961. 140 p.

GEORGIA—COMMUNIST ETHICS

Educational work among the masses. M. Gogichaishvili. Polit. samoobr. 6 no. 3 82-89 Mr '62.

GEORGIA—COMMUNIST PARTY OF THE SOVIET UNION—*PARTY WORK*

Educational work among the masses. M. Gogichaishvili. Polit. samoobr. 6 no. 3 82-89 Mr '62.

GEORGIA—*CRIMINAL LAW*

Special features of the criminal code of the Georgian S. S. R. V. G. Makashvili. Izv. vys. uchеb. zav. ,prav. 6 no. 1 72-80 '62

GEORGIA—ELECTRIC POWER DISTRIBUTION—HIGH TENSION

Laying out a high-voltage electric transmission line across the high-mountain regions of Georgia R. S. Ebralidze Trudy Tbil. NIGMI no. 9 108-109 '61

GEORGIA—ELECTRIC PROSPECTING

Electric potential induced by the action of sea waves in the coastal zone D. A. Tsitsishvili, L. S. Chanturishvili, G. V. *Tatishvili Soob. AN Gruz. SSR 28 no. 2:145-151* F '62.

GEORGIA—FLOOD FORECASTING

Forecasting the spring and summer runoff for Georgian rivers on the basis of observations on the snow cover A. IA. Bolabash Trudy Tbil. NIGMI no. 9 96-98 '61

GEORGIA—FLOODS

Flash floods in Georgia G. N. Khmeladze Trudy Tbil. NIGMI no. 8 68-93 '61

GEORGIA—FOOD INDUSTRY

Dzhomardzhidze, G. S., ed. [Food industry of Georgia during the past 40 years] Pishchevaia promyshlennost' Gruzinskoi SSR za 40 let. Moskva, Pishchepromizdat, 1961. 162 p. (*CU*)

GEORGIA—HYDROELECTRIC POWER STATIONS

Shengelia, P. G. [Multistage development of mountain rivers] Voprosy kaskadnogo ispol'zovaniia gornykh rek. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1961. 299 p. [With summary in English]

GEORGIA—LAMELLIBRANCHIATA, FOSSIL

Some new and little-known lamellibranchiate mollusks from Chokrak deposits of Georgia K. G. Bagdasarian. Trudy Inst. paleobiol. AN Gruz. SSR no. 6 57-65 '61

GEORGIA—ORE DEPOSITS

Tvalchrelidze, G. A. [Endogenous metallogeny of Georgia] Endogennaia metallogeniia Gruzii. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1961. 343 p.

GEORGIA—PALEONTOLOGY, STRATIGRAPHIC

Recent data on phylogenetic relationships between Pontic and Cimmerian mollusk faunas. N. P. Dzhanelidze Soob. AN Gruz. SSR 28 no. 2:195-202 F '62.

Relationship between the upper Jurassic mollusk faunas of Georgia and the Northern Caucasus. N. G. Khimshiashvili. Trudy Inst. paleobiol. AN Gruz. SSR no. 6:123-212 '61.

Stratigraphic correlation of the Konka horizon of Georgia based on foraminifers [in Georgian with summary in Russian]. O. I. Dzhanelidze. Trudy Inst. paleobiol. AN Gruz. SSR no. 6, 67-95 '61.

GEORGIA—PETROLOGY

Zaridze, G. M. [Petrography of igneous and metamorphic rocks in Georgia] Petrografiia magmaticheskikh i metamorficheskikh porod Gruzii. Moskva, Gos. nauchno tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1961. 381 p.

GEORGIA—RAIN AND RAINFALL

Daily depths of rainfalls of various frequency in eastern Georgia V. A. Murvanidze Trudy Tbil. NIGMI no. 9 94-104 '61

GEORGIA—SHOE INDUSTRY

Shoe trade in the Georgian S. S. R. B. Mesengiseri Sov. torg 35 no. 3 51-52 Mr '62

GEORGIA—SNOW SURVEYS

Characteristics of the deposition of the snow cover in the mountain regions of western Georgia V. A. Murvanidze Trudy Tbil. NIGMI no. 9 37-48 '61

GEORGIA—STEEL INDUSTRY

Their intimate friendship S. Telegin Agitator no. 8 60-61 Ap '62.

GEORGIAN LITERATURE—HISTORY AND CRITICISM

Kekelidze, K. S. [Etudes on the history of early Georgian literature] Etiudy po istorii drevnegruzinskoi literatury. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR. Vol. 7, 1961 308 p.

GEORGIYEVSK DISTRICT—MILK—ANALYSIS AND EXAMINATION

In the first grade L. Bekhterev. Sov. kras. krest. 11 no. 4, 6-7 Jl-Ag '61

GERANIUMS see subdivision under China

GERANOL

Cyclization of isoprenoid compounds Report No. 5 Low temperature cyclization of geraniol acetate V. A. Smit, A. V. Semenovskii, V. F. Kucherov Izv. AN SSSR Otd. khim. nauk no. 3 470-476 Mr '62

GERASIMOV, MIKHAIL MIKHAILOVICH, 1907-

Exhibition of M. M. Gerasimov's works. N. N. Mamonova, T. S. Surnina. Sov. etn. no. 1 95-102 Ja-F '62

GERBILS

Reproduction of the gerbil Rhombomys opimus Licht. [with summary in English] M. N. Leont'eva Zool. zhur. 40 no. 12, 1874-1882 D '61

GERGETI GLACIER

Changes in the meteorological elements and regime of the Gergeti Glacier in the Kazbeg glaciation Sh. L. Gudushauri Trudy Tbil. NIGMI no. 9 142-143 '61

GERIATRICS

Age distribution of patients with dermatoses [with summary in English] A. IA. Brailovskii Vest. derm. i ven. no. 3 8-14 '62

GERMAN DEMOCRATIC REPUBLIC see Germany, East

GERMAN FEDERAL REPUBLIC see Germany, West

GERMAN LANGUAGE—DICTIONARIES—RUSSIAN

Bernshtein, L. B., comp. [German-Russian dictionary of hydraulic engineering] Nemetsko-russkii gidrotekhnicheskii slovar'. Pod red. M. M. Grishina. Moskva, Glav. red. inostr. nauchno-tekhn. slovarei Fizmatgiza, 1961. 579 p.

GERMAN LANGUAGE—GRAMMAR, COMPARATIVE—*RUSSIAN*

[German-Russian linguistic parallels, comparative outline on problems of word formation and syntax of the German and Russian languages] Nemetsko-Russkie iazykovye parallели, sopostavitel'nye ocherki po voprosam slovoobrazovaniia i sintaksisa nemetskogo i russkogo iazykov. [By] A. V. Fedorov i dr. Moskva, Izd-vo lit-ry na inostr. iazykakh, 1961 302 p. (Biblioteka filologa)

GERMAN LANGUAGE—INFINITIVE

Fromzel', L. I., and V. F. Lysenko. [Grammar of the German language, the infinitive] Grammatika nemetskogo iazyka, infinitiv. Posobie dlia zaochnikov. [Leningrad] Izd-vo Leningr. univ., 1961. 23 p. (V pomoshch' studentam vechernikh i zaochnykh vuzov)

GERMAN LANGUAGE—NOUN

Nouns with compound suffixes in modern German. H. F. Ferens. Nauk. zap. Chern. un. 40 Ser. rom.-germ. filol. no. 7:3-23 '60.

GERMAN LANGUAGE—STUDY AND TEACHING

Use of technical terminology in teaching the German language in evening (staggered) schools for adults. Report No. 2 Basis for the method of lexicological interpretation E. A. Khokhlachev Dokl. APN S no. 6 43-44 '61

GERMAN LANGUAGE—TENSE

Forms of the past tense in 13th- and 14th-century German and their meaning. A. M. Tymofeeva. Nauk. zap. Chern. un. 40, Ser. rom.-germ. filol. no. 7, 24-43 '60.

GERMAN LANGUAGE—TERMS AND PHRASES

Word combinations used to form sociopolitical terms in German V. S. Babenko. Nauk. zap. Chern. un. 40, Ser. rom.-germ. filol. no. 7:44-64 '60.

GERMAN LANGUAGE—VERB

Boiko, A. A., E. V. Katkova, and TS. A. Shraiber [Grammar of the German language, the verb] Grammatika nemetskogo iazyka, glagol. Posobie dlia zaochnikov [Leningrad] Izd-vo Leningr. univ., 1962. 50 p. (V pomoshch' studentam vechernikh i zaochnykh vuzov)

GERMAN LITERATURE—HISTORY AND CRITICISM

Fradkin, I. M. [Literature of the new Germany] Literatura novoi Germanii, stat'i i ocherki. Izd. 2., ispr. i dop. Moskva, Sovetskii pisatel', 1961. 507 p.

GERMAN RESISTANCE MOVEMENT see Anti-Nazi movement

GERMAN REUNIFICATION QUESTION (1949-)

"The postwar foreign policy of Germany" [in German] by W. G. Grewe. Reviewed by S. Andreev. Nov. i noveish. ist. no. 6 145-148 '61.

[Questions and answers on the peace treaty with Germany] Voprosy i otvety po germanskomu mirnomu dogovoru. [n.p., 1962] 40 p.

GERMANIUM

Ionic state of germanium in weak acid solutions. V. A. Nazarenko, G. V. Fliantikova, N. V. Lebedeva. Ukr. khim. zhur. 28 no. 2 286-287 '62.

Phase equilibrium in the systems Ge - AlSb and Si - AlSb. V. M. Glazov, Liu Chzhen'-iuan'. Zhur. neorg. khim. 7 no. 3 582-589 Mr '62.

Production of solid solutions of the Ge - Si system from the gas phase. A. V. Sandulova, P. S. Bogoiavlenskii, M. L. Droniuk. Dokl. AN SSSR 143 no. 3:610-612 Mr '62.

Solid solutions of germanium in α-iron. A. K. Shtol'ts, P. V. Gel'd. Fiz. met. i metalloved. 13 no. 1 159-160 Ja '62.

Sorption of germanium from aqueous solutions of its dioxide on Al_2O_3, Fe_2O_3, and MgO. I. V. Tananaev, M. IA. Shpirt. Zhur. neorg. khim. 7 no. 2 434-435 F '62.

GERMANIUM—SPECTRA

Spectrographic determination of thallium and germanium in sulfide minerals. L. I. Serdobova. Trudy Inst. min., geokhim. i kristallokhim. red. elem. no. 6 129-137 '61.

GERMANIUM-ALUMINUM-ANTIMONY ALLOYS

Study of separate and joint solubility of aluminum and antimony in germanium. V. M. Glazov, TSzhian' TSe-zhen', Liu Chzhen'-iuan'. Zhur. neorg. khim. 7 no. 3 576-581 Mr '62.

GERMANIUM-ANTIMONY ALLOYS see Antimony-germanium alloys

GERMANIUM HYDRIDES

Interaction of allyl halides and benzyl chloride with germanium hydrides. V. F. Mironov and others. Izv. AN SSSR Otd. khim. nauk no. 3 460-465 Mr '62.

GERMANIUM OXIDES

Sorption of germanium oxide from aqueous solutions by activated carbon. L. N. TSelik, N. F. Turkalov. Ukr. khim. zhur. 28 no. 2 179-185 '62.

GERMANIUM-TIN ALLOYS see Tin-germanium alloys

GERMANY—BOUNDARIES

"Poland, Germany, and the Oder-Neisse border line" [in German]. Reviewed by A. Akhtamzian. Mir. ekon. i mezhdunar. otn. no. 4:147-150 Ap '62.

GERMANY—DISARMAMENT

Germans and disarmament. Nov. vrem. 20 no. 14:1-2 Ap '62.

GERMANY—FOREIGN RELATIONS

The foreign policy and diplomacy of German imperialism in the early 20th century [with summary in English, p. 174]. A. S. Erusalimskii. Nov. i noveish. ist. no. 6 45-60 '61.

GERMANY—FUNGI, PHYTOPATHOGENIC

"Phytopathogenic macroscopic fungi in Germany; Basidiomycetes with the exception of rust and smut fungi" [in German] by Hans Kreisel. Reviewed by P. N. Golovin. Bot. zhur. 47 no. 3, 438-439 Mr '62.

GERMANY—HISTORY—PERIODICALS

"Unsere Zeit," a periodical devoted to the postwar history of Germany. G. N. Zverev. Vop. ist. no. 4:187-188 Ap '62.

GERMANY—NATIONAL SOCIALISM

German fascism and its ideological forerunners. B. A. Benediktov. Vop. ist. no. 4:198-199 Ap '62.

GERMANY—PEACE TREATIES

[Questions and answers on the peace treaty with Germany] Voprosy i otvety po germanskomu mirnomu dogovoru. [n.p., 1962] 40 p.

GERMANY—PHYTOGEOGRAPHY

"Distribution maps of typical plants of central Germany" [in German]. Reviewed by A. I. Tolmachev. Bot. zhur. no. 3 437-438 Mr '62.

GERMANY, EAST—AIR PILOTS

Night flight. A. Elert. Vest. Vozd. Fl. no. 12:78 D '61.

GERMANY, EAST—BOOKS

Exhibition of books of the German Democratic Republic in Moscow. S. B. Telingater. Poligr. proizv. no. 2, 22-26 F '62.

Survey of the stitching and bookbinding processes used in books of the German Democratic Republic. A. I. Dubasov. Poligr. proizv. no. 2 26-27 F '62.

GERMANY, EAST—COMMUNIST PARTY

"Selected articles and speeches" by Walter Ulbricht. Reviewed by A. Karetnikov, P. Ryzhkov. Kommunist 39 no. 7 117-120 My '62.

GERMANY, EAST—ECONOMIC CONDITIONS

"German Democratic Republic" by Georges Castellan. Reviewed by A. Shatilov. Nov. vrem. 20 no. 14, 30-31 Ap '61.

[National economy of the German Democratic Republic; 15 years of peaceful development. Translated from the German] Narodnoe khoziaistvo GDR; 15 let mirnogo razvitiia. Moskva, Izd-vo inostr. lit-ry, 1961. 509 p. [MICROFILM]

"Selected articles and speeches" by Walter Ulbricht. Reviewed by A. Karetnikov, P. Ryzhkov. Kommunist 39 no. 7 117-120 My '62.

GERMANY, EAST—GLASS MANUFACTURE

Raw materials for the manufacture of optical and industrial glass [from "Silikattechnik," no. 2, 1961]. Stek. i ker. 19 no. 3 44-45 Mr '62.

GERMANY, EAST—JUVENILE DELINQUENCY

Alekseev, N. S. [Struggle against juvenile delinquency in the German Democratic Republic] Bor'ba s prestupnost'iu nesovershennoletnikh v Germanskoi Demokraticheskoi Respublike. Moskva, Gos. izd-vo iurid. lit-ry, 1959. 131 p.

GERMANY, EAST—KNITTING MACHINES

Performance characteristics of the "Kokett" warp knitting machine. A. I. Mashkileison, L. I. Gurvich. Tekst. prom. 22 no. 2:59-63 F '62.

GERMANY, EAST—LABOR AND LABORING CLASSES

Hello, future! I. Geevskii. Sov. profsoiuzy 18 no. 7:41-44 Ap '62.

GERMANY, EAST—MUSIC

A letter from the German Democratic Republic. E. Rebling. Sov. muz. 26 no. 3:130-132 Mr '62.

GERMANY, EAST—PUBLIC HEALTH

Principles of public health organization in the German Democratic Republic. K. Renker. Zdrav. Ros. Feder. 6 no. 1:30-34 Ja '62.

GERMANY, EAST—TEACHERS—SALARIES, PENSIONS, ETC.

Wages for teachers in the schools of general education in the German Democratic Republic. G. Shutte. Biul. nauch. inform. trud i zar. plata 5 no. 3 62-64 '62.

GERMANY, EAST—THEATER

In the German Democratic Republic. Martin Linzer and others. Teatr 23 no. 3:106-112 Mr '62.

GERMANY, WEST—ATOMIC WEAPONS

West German clericals and the arming of the German Federal Republic with atomic weapons [with summary in English, p. 174]. V. N. Karavaeva. Nov. i noveish. ist. no. 6 61-74 '61.

GERMANY, WEST—BANKS AND BANKING

Bank monopolies of West Germany are the centers of revenge-seekers and aggression. M. Serebriany. Den. i kred. 20 no. 3 74-82 Mr '62.

GERMANY, WEST—COKE INDUSTRY

Method of dry coke quenching. D. A. TSikarev. Koks i khim. no. 2:61 '62.

GERMANY, WEST—CRIMINAL LAW

West German theory of the "ignorance of prohibition" as a theoretical justification of lawlessness. N. S. Alekseev. Izv. vys. ucheb. zav., prav. 6 no. 1 93-101 '62.

GERMANY, WEST—DEFENSES

Makarov, L. P., and N. F. Golovanov. [Bonn as a center of aggression and revanchism] Bonn - ochag agressii i revansha. Moskva, Voen. izd-vo M-va obor. SSSR, 1962. 127 p.

GERMANY, WEST—ECONOMIC CONDITIONS

Old theories and a new situation. L. Bezymenskii. Mir. ekon. i mezhdunar. otn. no. 4, 53-67 Ap '62.

GERMANY, WEST—FOREIGN ECONOMIC RELATIONS—TANGANYIKA

Bon and Tanganyika. I. Siviaev. Nov. vrem. 20 no. 13: 18-19 Mr '62.

GERMANY, WEST—FOREIGN RELATIONS

"The postwar foreign policy of Germany" [in German] by W. G. Grewe. Reviewed by S. Andreev. Nov. i noveish. ist. no. 6 145-148 '61.

GERMANY, WEST—INDUSTRIAL TELEVISION

Use of television on foreign railroads. S. I. Afanas'eva, M. R. Libman. Avtom., telem. i sviaz' 6 no. 3 45-46 Mr '62.

GERMANY, WEST—INFANTRY

Organization of the motorized infantry of the West German Army (as revealed in the German press). N. Nikolaev. [illegible] 110-115 F '62.

GERMANY, WEST—MILITARISM

Galkin, A. A. [Teeth of a dragon] [illegible] Gos. izd-vo polit. lit-ry, 1961. [illegible]

Old theories and a new situation. L. [illegible] ekon. i mezhdunar. otn. no. 4 [illegible]

GERMANY, WEST—MILITARY POLICY

Maneuvers against young trade-unionists in West Germany. W. Nass. Vsem. prof. [illegible] '62.

GERMANY, WEST—POLITICS AND GOVERNMENT

Makarov, L. P., and N. F. Golovanov. [The axis of aggression and revanchism] Bonn - [illegible] revansha. Moskva, Voen. izd-vo M-va [illegible] 1962. 127 p.

West German clericals and the arming of the Federal Republic with atomic weapons [with summary in English, p. 174]. V. N. Karavaeva. Nov. i noveish. ist. no. 6 61-74 '61.

GERMANY, WEST—RAILROADS—ELECTRIFICATION

Use of television on foreign railroads. S. I. Afanas'eva, M. R. Libman. Avtom., telem. i sviaz' 6 no. 3 45-46 Mr '62.

GERMANY, WEST—RAILROADS—SIGNALING

Redesigning of the interlocking systems of [illegible] yards in the German Federal Republic. [illegible] Avtom., telem. i sviaz' 6 no. 1 42-43 Ja '62.

GERMANY, WEST—SPORTS

Militarization of sports in the Federal German [illegible] S. Petrov. Teor. i prak. fiz. kul't. 25 no. [illegible] '62.

GERMANY, WEST—TRADE UNIONS

Maneuvers against young trade-union members in West Germany. W. Nass. Vsem. prof. dvizh. [illegible] '62.

GERMICIDES see Disinfection and disinfectants. Fungicides

GERMINATION

Characteristics of the formation and germination of seeds of knotweed Polygonum divaricatum L. and Plennik. Trudy TSSBS no. 5:37-47 '61.

Conditioning forage beans for seeding. V. P. [illegible] Zemledelie 24 no. 2:45-47 F '62.

Correlation between germination and the survival of different species of cultivated plants following irradiation seeds by various doses of gamma rays. E. I. Preobrazhenskaia, N. V. Timofeev-Resovskii. AN SSSR 143 no. 2:448-451 Mr '62.

GERMS see Bacteria

GEROYEVKA REGION—ANTIQUITIES

Archaeological excavations of Nymphaeum and [illegible] Skudnova. Krat. soob. Inst. arkheol. no. [illegible]

GESTATION see Pregnancy

GEYSERS see subdivision under Chukchi Peninsula

GHANA—ECONOMIC CONDITIONS

Five years of independence. Kh. Fatieva. Aziia i [illegible] seg. no. 3:55 Mr '62.

Our calendar. Mol. komm. no. 3 94-96 Mr '62.

Today and tomorrow of Ghana. D. V. Kravchenko. Priroda 51 no. 3:87-98 Mr '62.

GHANA—POLITICS AND GOVERNMENT

Hot sun of freedom. A. Serbin. Ogonek 40 no. [illegible] Mr '62.

Today and tomorrow of Ghana. D. V. Kravchenko. Priroda 51 no. 3:87-98 Mr '62.

GHANA—RELATIONS (GENERAL) WITH UZBEKISTAN

Guest from Africa. Uzbekiston 21 no. [illegible] F '62.

GIARDIASES

(see also subdivision under Uzbekistan)

Lamblial duodenitis. K. A. Treskunov. Ter. arkh. 34 no. 2:106-108 '62.

Some clinical characteristics of lambliasis. I. A. Tkachuk. Vrach. delo no. 8:127-128 Ag '61.

Use of acrichine in treating lambliasis of the biliary tracts associated with Botkin's disease. E. D. Pavinova. Sov. med. 25 no. 2 130-132 F '62.

GIBBERELLIN

Changes in the tillering of wheat under the influence of gibberellin. V. O. Gulkanian, G. G. Khachatrian. AN Arm. SSR Biol. nauki 14 no. 12:9-23 D '61.

Effect of gibberellin and heteroauxin on the growth of leguminous plants and the formation of tubercles. [illegible] Chailakhian and others. Izv. AN Arm. SSR Biol. [illegible] 14 no. 12:25-38 D '61.

GIBBERELLIN (Continued)
Effect of gibberellin on the fruit bearing of grapevines in Armenia M Kh Chailakhian, M M Sarkisova, V G Kochbankov Izv AN Arm SSR Biol nauki 14 no 12 51-54 D '61

Effect of gibberellin on the growth and yield of tobacco in connection with the dates of treatment. M Kh. Chailakhian and others Izv AN Arm SSR, Biol. nauki 15 no. 2:3-11 '62

Gibberellinlike substances and vernalization of plants [with summary in English] M Kh Chailakhian, V. N Lozhnikova Fiziol rast 9 no 1 21-31 '62

GIRAFFES, FOSSIL see subdivision under Kazakhstan

GIRDERS see Beams and girders

GIRLS—DISEASES AND HYGIENE
Some characteristics of the course of tumors of the sexual organs in small and adolescent girls A. IA. Markov Fel'd i akush 27 no 2 12-15 F '62.

GISSAR RANGE REGION—MALARIA
Results of three years' work in clearing up malarial centers in the mountain-river zone of the Gissar Range region. E.I Lantovskaia. Sbor. rab. po mal. i gel'min. no 2 25-31 '59

GITALOV, ALEKSANDR VASIL'EVICH
How Sashka became Aleksandr Vasil'evich Ivan Vinnichenko Ogonek 10 no. 10 6-8 Mr '62

GIZEL'DON VALLEY—GLACIERS
The Mayly glacier and some other glaciers of the Gizel'don River Basin V V. Agibalova, V.L. Vilenkin, Izv. Vses. geog ob-va 94 no 1:70-75 Ja-F '62.

GIZENGA, ANTOINE, 1925-
Freedom for the Congo patriot] E M. Zhukov, V V. Struve, L. Volodin, Az. i Afr. geog. no 3 2-3 Mr '62.

GLACIAL EPOCH see subdivision under Pamir-Alay; Rezdol region; Volga Valley, Zangezur Range

GLACIERS
(see also subdivision under Azerbaijan, Caucasus, Gizel'don Valley; Shakh-Dag, Soviet Central Asia)
Glaciological research during the International Geophysical Year (1957-1959) G. A. Avsiuk. Trudy Tbil. NIGMI no 9, 110 122 '61.

GLACIOLOGICAL RESEARCH see subdivision under Azerbaijan; Caucasus

GLACIOLOGY
New glaciological theory. G.G. Oganezov. Izv. AN Arm. SSR, Geol. i geog. nauki 15 no. 1:3-15 '62.

GLANDS, MAMMARY see Mammary glands

GLASS
Coherent scattering of light in glass. N.A. Voishvillo. Opt. i spektr. 12 no. 3, 412-416 Mr '62.

Spectrophotometric and photometric characteristics of MS 14 opal glass. N.A. Voishvillo. Opt. i spektr. 12 no. 3:443-445 Mr '62.

GLASS—ANALYSIS
Rapid method of determining the content of SiO_2 in types of glass. O.S. Makatunova, G D. Rozhkina. Stek. i ker. 18 no. 11:22-25 N '61.

GLASS—CORROSION
Some properties of enamel glasses. G I. Beliaev. Ukr. khim zhur. 28 no. 2:253-255 '62.

GLASS—EXHIBITIONS
Glass and ceramics at the Exhibition of Achievements of the National Economy Stek. i ker. 18 no. 11 46 N '61.

GLASS—SPECTRA
Spectral study of glass colored with CdS and CdS-CdSe. I. M. Buzhinskii, N. I. Bodrova. Opt. i spektr 12 no. 3:397-395 Mr '62.

GLASS—TESTING
Resistance of oxide-metallic coatings on glass to the action of ionizing radiations. S M Brekhovskii, I. I. Borisova Stek i ker. 19 no. 1 4-6 Ja '62.

GLASS, COLORED
(see also subdivision under Ust'-Ruditsy)
Red, orange, and yellow opal glass. A.N. Danvalitor. Stek. i ker. 18 no. 11 23-24 N '61.

GLASS, OPTICAL
Volatility of fluor crown glass L. I. Demkina, M. F. Ivanov Stek i ker. 19 no 3 7-11 Mr '62

GLASS, SAFETY
Technology of vacuum treating three-layer bent glass in open boxes. A. P. Aleksandrov. Stek i ker. 19 no 3 13-14 Mr '62

GLASS BLOWING AND WORKING
Overall mechanization of the production of test tubes. V. V. Gaidukov. Stek. i ker. 18 no. 11:35-37 N '61

GLASS CONSTRUCTION
In the interests of developing frame construction IA. Gel'man, L Lukin, I Spivanovskii Stroi i arkhit. Mosk. 10 no. 12, 30-31 D '61.

Let's make wider use of effective glass and ceramic articles in construction. G. M. Baklanov. Stek i ker 19 no. 2:40-42 F '62.

Translucent reinforced concrete and glass roofs. A Kolmovskoi. Stroi i arkhit Mosk. 10 no. 12 31-32 D '61

GLASS CUTTING
Beveling sheet glass with diamond disks V.A. Fedotov, A.IA. Golovan'. Stek. i ker. 19 no. 2:18-19 F '62.

Universal head for the cutting out of shaped glass V. N Suvorov Stek i ker. 19 no 3 38-39 Mr '62

GLASS ELECTRODES see Electrodes, Glass

GLASS FACTORIES
Conference on the automation of industrial processes in glass factories. K M. Bezpalov. Stek i ker 18 no. 11 46-47 N '61

The October Revolution Plant in the present seven-year plan F E Zubkov Stek i ker 19 no 1 35-38 Ja '62

Ram charge loader. N.A Aref'ev. Stek i ker. 19 no. 2:32-34 F '62.

GLASS FACTORIES—TECHNOLOGICAL INNOVATIONS
The feeding of sulfate into the drying drum has been mechanized B G Pronin, A E. Nesvit Stek. i ker 19 no. 2 34 F '62.

GLASS FIBER INDUSTRY—HYGIENIC ASPECTS
Organizing the control of occupational dermatitis in glass wool production O A. Kiselev. Gig. truda i prof. zab. 4 no. 11:50-51 N '60.

GLASS FIBERS
Efficiency of using fiber glass anisotonic material for supports in mine workings. E. Suleev. Sbor. nauch. trud. Kaz GMI no. 19 182-185 '60.

New thermoinsulation. E.P. Kocharov. Priroda 51 no. 3:109-111 Mr '62.

Polymerization of styrene in the presence of the glass fiber treated by titanium tetrachloride [with summary in English] T E Lipatova, I. S Skorynina, IU.S. Lipatov Vysokom soed 3 no 12 1877 D '61

GLASS FURNACES
(see also subdivision under Czechoslovakia)
Device for automatic temperature control in laboratory furnaces M B Usbitskii Stek i ker 19 no 1 16-20 Ja '62

Improved design of the curtain in a glass furnace N N Rokhlin Stek i ker 19 no 1 30-31 Ja '62

Improving the quality of the surface of sheet glass by electric heating of the air in the chamber under the vertical drawing machinery. B.I. Borisov and others. Stek. i ker. 19 no. 2:11-14 F '62.

Life of refractories in tank furnaces of direct heating. V. N. Morozov, V. V Tiurin, N. S. Snezhinskii. Stek. i ker. 19 no. 3, 11-13 Mr '62

Melting sheet glass at an increased temperature. V. V. Polliak, V. D Soskova, A. K. Mazur. Stek. i ker. 19 no. 2:5-10 F '62.

Method of calculating tank glass furnaces with developed working end arrangements M G. Stepanenko, V. S Pavlov. Stek. i ker 19 no 3:1-6 Mr '62

Performance of glass furnaces operating on fuel oil. D. S Novikov. Stek. i ker. 19 no 3 36-37 Mr '62.

"Refractory materials for glass furnaces" by N. V. Solomin. Reviewed by F. A Oblivalnii. Stek i ker. 18 no 11, 47-48 N '61.

Regenerative glass furnace with crosecurrent alignment of the flame N A Shestak, P. N. Rokhlin Stek i ker 19 no 1 12-14 Ja '62.

GLASS MANUFACTURE
(see also subdivision under Germany, East; Kiev; Poland)
Chemical polishing of glass. O. N. Diatlova, V. V. Bykov. Stek. i ker. 19 no. 2:19-23 F '62.

Clarification of melted glass by swirling with compressed air. IU. V. Razumov, M. A. Petkevich. Stek. i ker. 18 no. 11, 37-38 N '61.

Cooling glass articles in tunnel annealing furnaces. V. A. Kuziak. Stek. i ker. 18 no. 11:4-9 N '61.

From the pages of foreign magazines. Stek. i ker. 18 no. 11:42-45 N '61.

From the pages of foreign magazines. Stek. i ker. 19 no. 2:44-47 F '62.

"Glass technology" Edited by I. I Kitaigorodskii. Reviewed by K. T. Bondarev, S. M Brekhovskikh Stek. i ker. 19 no 2 46 F '62.

In enterprises and institutes. Stek i ker. 19 no. 3, 43-44 Mr '62.

Let's raise labor productivity by every possible means. Stek. i ker. 19 no. 2 1-4 F '62.

Mechanics of the vertical drawing of glass K I Braginskii. Stek. i ker 19 no. 1:7-12 Ja '62.

New frontiers. Stek. i ker. 18 no. 11:1-3 N '61.

Over-all mechanization for the processing of broken glass. D. S Glebeniuk Stek. i ker. 19 no. 3:39-40 Mr '62.

"Polished glass" by IU A Brodskii Reviewed by K. T Bondarev Stek i ker 19 no 1 47-48 Ja '62

Rapid rising of the bubbles in melted glass under changing temperature conditions I G Solinov, N. A. Pan'ova Stek i ker. 19 no 2 15-17 F '62.

Relation of the chemical and mechanical processes in polishing glass V A Dubrovskii Stek i ker 18 no 11 9-13 N '61

Tasks of the fourth year of the seven-year plan Stek i ker 19 no 1 1-3 Ja '62

Use of a magnetic separator for freeing cullet of crown caps M V Artutsev Stek i ker 18 no 11 38 N '61

Use of feldspar concentrates for glassmaking V P Anishchenko, A N Artemenko, N P. Kaukina Stek i ker 19 no 3 40-41 Mr '62

Use of vibration-ground sand in making hard glass L G Gurvits Stek i ker 19 no 1 14-16 Ja '62

GLASS MANUFACTURE—BIBLIOGRAPHY see Bibliography—Glass manufacture

GLASS MANUFACTURE—CONGRESSES
Gordon conference on glass in the United States M S Aslanova Stek i ker 19 no 3 48 Mr '62

GLASS MANUFACTURE—LABOR PRODUCTIVITY
Methodology for planning labor productivity in the glass industry M Plotkina, B Pozin Biul nauch. inform trud i zar plata 5 no 3 3-7 '62

GLASS MANUFACTURE—SAFETY REGULATIONS
Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Safety and factory sanitation regulations SN 191-61 for enterprises of the glass industry] Pravila tekhniki bezopasnosti i proizvodstvennoi sanitarii na predpriiatiiakh stekol'noi promyshlennosti SN 191-61. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 86 p.

GLASS-METAL SEALING
Dependence of the stress state of soldered joints between metal and glass upon the hardening temperature. A.K Minduk Stek i ker 18 no 11 21-22 N '61.

GLASS REINFORCED PLASTICS
Static structural strength of glass reinforced plastics. S.V. Sorensen, V.S. Streliaev. Vest mash. 42 no. 3:13-21 Mr '62

Strength characteristics of polyester glass reinforced plastics. M E. Chernomordik Trudy LIVT no 6 61-67 '60

GLASS RESEARCH
Temperature of the upper limit of crystallization of types of glass containing 16% sodium oxide M.V Obhotin Stek i ker. 18 no 11 18-19 N '61.

GLASS SAND see Sand, Glass

GLASSWARE
Decorating glassware by printing a design from a printing plate, V. P. Smirnov. Stek. i ker. 19 no. 2 35-36 F '62.

GLAUCODOT
Highly cobaltous variety of glaucodot. N N. Shishkin. Zap. Vses. min. ob-va 91 no 1:102-103 '62.

GLAUCOMA
Effectiveness of goniotomy and goniopuncture in hydrophthalmia [with summary in English]. I. S Cherkasov Oft. zhur. 17 no 1 39-45 '62

Nonperforating diathermocoagulation in glaucoma [with summary in English]. R A. Batarchukov. Oft. zhur. 17 no. 1 45-50 '62.

Sclerotomoiridectomy in glaucoma. Z. S. Shkarenko Med. zhur. Uzb no. 5 46-49 My '60

GLAZES
Rapid methods for the quality control of glazes and glaze coatings. IU. IA. Eiduk. Stek. i ker. 19 no 3:32-35 Mr '62.

GLAZES—CORROSION
Causes of the breakdown of the glaze on storage tanks. E. I. Zavarzina, R. K. Kordonskaia. Stek. i ker. 18 no. 11 28-32 N '61

GLAZING
Akademiia stroitel'stva i arkhitektury SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. [Painting, paper hanging, and glazing] Maliarnye, oboinye i stekol'nye raboty. Izd. 2., ispr. i dop. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 318 p.

GLAZUNOV, ALEKSANDR KONSTANTINOVICH, 1865-1936
Bykov, A. V. [Cello pieces composed by Glazunov] Violonchel'nye p'esy Glazunova. Moskva, Gos. muzykal'noe izd-vo, 1962. 47 p. (K Mezhdunarodnomu konkursu imeni P. I. Chaikovskogo)

IUzhak, K. I. [Piano sonatas of A. K. Glazunov] Fortepiannye sonaty A. K. Glazunova. Moskva, Gos. muzykal'noe izd-vo, 1962. 39 p. (Ko vtoromy Mezhdunarodnomu Konkursu im. P. I. Chaikovskogo)

Polyphony of A K. Glazunov. L. B. Nikol'skaia. Nauch.-metod. zap. Ural gos. kons. no. 4:198-210 '61.

GLIDING AND SOARING see subdivision under Lithuania

GLINKA, MIKHAIL IVANOVICH, 1804-1857
Glinka, M. I. [Complete collected works] Polnoe sobranie sochinenii. Moskva, Gos. muzykal'noe izd-vo.
Vols. 1-9. 1955-58.
(NN)

GLOBULIN
Cold agglutinins and cryoglobulins in dermatoses related to the effect of cold [with summary in English] P. Mikhailov, N. Berova. Vest. derm. i ven. no. 3 14-19 '62

GLUCOPHOSPHORIC ACID
Use of Soviet bran and ion exchangers for producing glucose-1-phosphate [with summary in English] G. V. Ivanova, N. P. Lisovskaia. Vop. med. khim. 7 no. 3 320-323 My-Je '61

GLUCOSE
Glucose phosphinites. K. A. Petrov, E. G. Nifant'ev, A. A. Shchegolev. Zhur. ob. khim. 32 no. 3 1006 Mr '62

GLUCOSIDASE
Improvement of the quality of baker's yeasts by increasing their maltase activity. N. M. Semikhatova. Khleb. i kond. prom. 6 no. 3 13-14 Mr '62.

GLUCOSURIA see Glycosuria

GLUKHOVO—COTTON MANUFACTURE
The price of night shift. Mariia Luneva. Sov. profsoiuzy 18 no. 7 6-8 Ap '62.

GLUTAMIC ACID
Compounds of cadmium with glutamic acid. I. A. Fedorov, T. A. Balakaeva. Zhur. neorg. khim. 7 no. 2 320-324 F '62
Electron microscope study of the supermolecular structure of poly-γ-benzyl-L-glutamate. P. V. Kozlov and others. Dokl. AN SSSR 143 no. 4 905-907 Ap '62
Use of sodium glutamate in the production of salt herring and canned fish. V. A. Beloglazova. Ryb. khoz. 37 no. 11 73-75 '61

GLUTAMINE
Effect of glutamine and γ-aminobutyric acid on the excitation processes in the central synapses [with summary in English]. P. G. Diablova. Biul. eksp. biol. i med. 53 no. 1 66-69 Ja '62.

GLUTATHIONE REDUCTASE
Extracellular glutathione reductase of Escherichia coli [with summary in English] N. I. Proskuriakov, L. K. Men'shikh. Mikrobiologiia 31 no. 1 5-9 Ja-F '62

GLYCEROL
Inhibiting action of glycerin on plasmin and trypsin [with summary in English]. N. E. Plotnikova. Vop. med. khim. 7 no. 4 381-384 Jl-Ag '61.
Study of the interaction of sulfuric acid and glycerol in aqueous solution by methods of physicochemical analysis. D. P. Belotskii, N. P. Noval'kovskii, N. N. Midonova. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 6: 1035-1037 '61

GLYCIDIC ACID
Compounds containing a three-membered oxide ring. Part 27. Interaction of aniline with ethyl ester of β-methyl-β-phenylglycidic acid. V. F. Martynov, IA. N. Kastron. Zhur. ob. khim. 32 no. 3 721-723 Mr '62

GLYCINE
Influence of some components of nucleic acids and of their precursors on the inclusion of glycine-1-C^{14} and tyrosine-1-C^{14} in proteins of normal and tumorous tissues [with summary in English]. S. IA. Davydova. Biul. eksp. biol. i med. 52 no. 7 58-61 Jl '61

GLYCOGEN
Changes of glycogen in leucocytes as effected by ionizing radiation, histochemical study. IU. B. Kheifets. Vop. radiobiol. [AN Arm. SSR] 1 87-91 '60.
Effect of physical load on the distribution of glycogen and proteins in the heart muscle of white rats [with summary in English]. L. I. Muzykant. Biul. eksp. biol. i med. 53 no. 1 58-59 Ja '62.
Glycogen content of the liver and muscles in rats in relation to time following administration of chlorpropamide and the duration of starvation [with summary in English]. S. G. Genes, L. M. Makarevich-Gal'perin, S. N. Ushenko. Biul. eksp. biol. i med. 52 no. 7 65-68 Jl '61.

GLYCOLS
Glycol ethers and their derivatives. Part 43. Synthesis of dihalo ethers of the aliphatic series. Shamkhal Mamedov, A. S. Agaev. Zhur. ob. khim. 32 no. 3 803-808 Mr '62.
Glycol ethers and their derivatives. Part 44. Alicyclic γ-chloro ethers. Shamkhal Mamedov, I. Nizker. Zhur. ob. khim. 32 no. 3 808-813 Mr '62.
Liquid phase catalytic oxidation of organic compounds on noble metals. Part 3. Oxidation of ethylene glycol to glyoxal. I. I. Ioffe, N. V. Klimova, A. G. Makeev. Kin. i kat. 3 no. 1 107-110 '62.

GLYCOLYSIS
Activity of some glycolytic enzymes in the blood of patients with cancer [with summary in English] V. P. Kozlotskuchko, P. D. Dvornikova, I. N. Ishchenko. Vop. med. khim. 7 no. 3 273-276 My-Je '61

GLYCOPROTEINS
Comparative evaluation of the methods for determining the glycoproteins in the blood serum [with summary in English] O. M. Kostukovskaia, A. V. Zhukov. Vop. med. khim. 7 no. 6 642-647 N-D '61
Effect of ethanol on the content of glycoproteins and lipoproteins during the development of experimental atherosclerosis [with summary in English] L. S. Tarasova. Vop. med. khim. 7 no. 6 585-592 N-D '61
Glycoproteins in the blood serum during the process of bone tissue regeneration after fractures and transplantation [with summary in English] G. D. Zenkevich. Vop. med. khim. 7 no. 6 592-598 N-D '61.

GLYCOSIDES, CARDIAC see Cardiac glycosides

GLYCOSURIA
Change in the sensitivity to insulin and the dynamics of glycosuria in diabetic patients during the administration of gangliolytic preparations [with summary in English]. I. A. Dzhevetskaia, E. B. Krasnokutskaia. Terap. arkh. 34 no. 2 85-90 '62

GLYCYRRHIZIC ACID
New method for determining glycyrrhizic acid in licorice root. L. A. Muravlev, V. D. Ponomarev. Med. prom. 16 no. 2 43-46 F '62.

GLYOXAL
Liquid phase catalytic oxidation of organic compounds on noble metals. Part 3. Oxidation of ethylene glycol to glyoxal. I. I. Ioffe, N. V. Klimova, A. G. Makeev. Kin. i kat. 3 no. 1 107-110 '62.

GNEISS see subdivision under Rep'yavr region

GOBIES see subdivision under Caspian Sea

GOD—PROOF
Kryvelev, I. A. [Proofs of God's existence, lectures and answers to questions] O dokazatel'stvakh bytiia Bozhiia, lektsiia i otvety na voprosy. Moskva, Izd-vo "Sovetskaia Rossiia," 1960. 47 p.

GOGGLES, SAFETY see Safety goggles

GOGOL', NIKOLAI VASIL'EVICH, 1809-1852
Kachurin, M. G., and M. A. Shneerson. [Analysis of the language employed by writers, Pushkin, Lermontov, Gogol'] Izuchenie iazyka pisatelei, Pushkin, Lermontov, Gogol'. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 303 p.

GOGOL', NIKOLAI VASIL'EVICH, 1809-1852—HOMES AND HAUNTS
Gillel'son, M. I., V. A. Manuilov, and A. N. Stepanov. [Gogol' in St. Petersburg] Gogol' v Peterburge. [Leningrad] Lenizdat, 1961. 303 p.

GOITER
(see also subdivision under Smolensk Province; Tatar A. S. S. R.)
Dynamic clinical balliatocardiographic studies in thyrotoxicosis and endemic hyperthyroid goiter in connection with surgical and conservative treatment [with summary in English]. E. N. Dormidontov. Terap. arkh. 34 no. 3 60-67 '62.
Goiter of large dimensions in a stillborn child. N. P. Kozlov, M. S. Glusker, B. L. Liberman. Zdrav. Bel. 8 no. 1 64 Ja '62.
Substernal goiter. D. M. Gorodinskii. Vrach. delo no. 8 49-51 Ag '61.
Trace elements in potable water of Lvov Province and endemic goiter. E. P. Novikova. Gig. i san. 26 no. 9 80-82 S '61.
Use of a neurovegetative blockade in the surgical treatment of goiter. V. M. Prokhorov, F. V. Narkevich. Zdrav. Bel. 8 no. 1 38-41 Ja '62.

GOLD
(see also subdivision under India)
Gold behavior in polysulfide solutions at high temperatures and pressures. I. A. Kakovskii, N. G. Tiurin. Izv. vys. ucheb. zav., tsvet. met. 5 no. 2 104-111 '62.
Study of gold-arsenious concentrates. P. S. Gotkin, S. M. Barakov, IU. G. Sazhin. Sbor. nauch. trud. Kaz. GMI no. 19 86-92 '60.
Study of a gold-bearing concentrate for the purpose of extracting gold from it. G. A. Nigmatullina and others. Sbor. nauch. trud. Kaz. GMI no. 19 186-196 '60.

GOLD—ELECTROMETALLURGY
Precipitation of gold and silver by anionites from cyanide pulps. A. I. Sinel'nikova, A. IU. Beilin. Sbor. nauch. trud. GINTSVETMET no. 3 98-106 '60.

GOLD—METALLURGY
Dissolving gold and silver in thiourea solutions. I. N. Plaksin, M. A. Kozhukhova. Sbor. nauch. trud. GINTSVETMET no. 3 107-119 '60

GOLD ORES
(see also subdivision under Pendzhikent region, Siberia)
Extraction of gold from rebellious carboniferous ore. I. K. Dem'ianov, Zh. Sh. Taziev, A. S. Kotelev. Sbor. nauch. trud. Kaz. GMI no. 19 14-22 '60.
Stage flotation of unyielding gold-bearing ores. S. N. Anisimov, B. D. Nekrasov, V. I. Petrenko. Izv. vys. ucheb. zav., tsvet. met. 5 no. 2 50-55 '62.
Study of gold-bearing ores. M. Kagazbaev, S. Zhazylbekov, E. I. Novikova. Sbor. nauch. trud. Kaz. GMI no. 15: 164-166 '60.
Using geophysical methods in searching for gold-ore deposits of the Kuranakh type. A. A. Fel'dman. Razved. no. 5 75-85 '61.

GOL'DBERG, NIKOLAI MAKSIMOVICH
N. M. Gol'dberg. Nar. Azii i Afr. no. 1 223-224 '61

GOLODNAYA STEPPE—AFFORESTATION
Experience in planting large nursery stock in virgin areas of the Golodnaya Steppe. A. M. Korotun. Les i step. 5 no. 2 32-36 F '62

GOLODNAYA STEPPE—IRRIGATION FARMING
Nikita Sergeevich advised it. N. Valiev. Uzbekistan 21 no. 1 5 Ja '62

GOLODNAYA STEPPE—RECLAMATION OF LAND
Dzhalilov, Kh. M. [The Golodnaya Steppe and the prospects for its reclamation] Golodnaia step' i perspektivy ee osvoeniia. Tashkent, Izd-vo Akad. nauk Uzbekskoi SSR, 1957. 48 p.
(DA)

GOLOSOVKER, SAMUIL IAKOVLEVICH, 1891-1961
Professor Samuil IAkovlevich Golosovker (1891-1961); obituary. F. A. Zverkova. Kaz. med. zhur. no. 5 96-97 S-O '61

GOLUB, DAVID MOISEEVICH, 1901-
David Moiseevich Golub, on his 60th birthday and the 35th anniversary of his medical, scientific, pedagogic and public work. T. N. Kalita, A. S. Leontiuk, R. M. Tsitsura. Arkh. anat. gist. i embr. 41 no. 12 118-121 D '61.

GOLUBOV, SERGEI NIKOLAEVICH, 1894-1962
Sergei Nikolaevich Golubov, obituary. Novyi mir 41 no. 3 287-288 Mr '62

GOMEL' PROVINCE—PALEONTOLOGY, STRATIGRAPHY
Age of fauna in Paleolithic sites of Berdyzh and Yurovichi. V. V. Shcheglova. Trudy Kom. chetv. per. no. 20 110-144 '61.

GOMEL' PROVINCE—STONE AGE
Age of fauna in Paleolithic sites of Berdyzh and Yurovichi. V. V. Shcheglova. Trudy Kom. chetv. per. no. 20 110-144 '61

GOMEL' PROVINCE—UROLOGY
Urological service in Gomel' Province. B. I. Abramchik. Zdrav. Bel. 8 no. 1 11-12 Ja '62.

GONIOMETERS
Improved console. A. Markov, A. Pogoda. Sov. shakht. 11 no. 4 31 Ap '62

GONORRHEA
We need to increase the role of gynecological consultations and examination clinics in the detecting of gonorrhea among women. K. S. Chemerinskaia, K. A. Grechishchak. Vest. derm. i ven. no. 3 75-76 '62.

GOOSEBERRIES see subdivision under Siberia

GORIACHKIN, EVGENII NIKOLAEVICH, 1895-1961
Evgenii Nikolaevich Goriachkin, obituary. N. I. Beloglazovskaia and others. Fiz. v shkole 22 no. 1 111 Ja-F '62.

GOR'KII, MAKSIM, 1868-1936
Akademiia nauk SSSR, Institut mirovoi literatury. [Archives of A. M. Gor'kii] Arkhiv A. M. Gor'kogo. Moskva, Gos. izd-vo khudozh. lit-ry, 1954-1959. 1 v.
(WaU)
Elizarova, M. N. [Gor'kii in Tataria] Gor'kii v Tatarii; sbornik statei. Kazan', Tatarskoe knizhnoe izd-vo, 1961. 135 p.
(CU)
Odessa, University of. Maksim Gor'kii; sbornik statei. Odessa, 1960. 164 p.
(MH)

GORKIY—AUTOMOBILE INDUSTRY
Organization of intraplant transportation work. B. Bliachin. Sots. trud 7 no. 3 117-119 Mr '62.
Practice in the mechanization and automation of assembling operations at the Gorkiy Automobile Plant. S. V. Koltunov. Mashinostroitel' no. 3 24 Mr '62
Replacing present motor vehicles. I. I. Kiselev. Za rul. no. 2 2-4 F '62.

GORKIY—FOLKLORE STUDIES
The Conference of Russian Folklorists in Gorkiy. I. Pestoniuk. Nar. tvorch. ta etn. 5 no. 4 150-151 O-D '61.

GORKIY—TRADE UNIONS
Together with the workshop committee V Zimin Sov profsoiuzy 18 no 1 21-23 F '62

GORKIY PROVINCE—FOREST MANAGEMENT
In Gorkiy Province they are improving forestry A P Blagov Les khoz 15 no 1 83-84 Ja '62

GORKIY PROVINCE—MACHINERY INDUSTRY
Report of the workers of the machinery industry in Gorkiy Province Mashinostroitel' no 3,9 Mr '62.

GORKIY PROVINCE—NEMATODE DISEASES OF PLANTS
Plant nematodes of forest plantations in Gorkiy Province K A L'vova Uch zap GGPI no 27;160-169 '60
Studying nematodes of weeds in Gorkiy Province I P Myshkina Uch zap GGPI no 27-163-169 '60

GORKIY PROVINCE—PARASITES—RODENTIA
Helminths of rodents in Ivanovo and Gorkiy Provinces. O K Trinkler Uch zap GGPI no. 27;102-107 '60

GORLOVKA—CONSERVATORIES OF MUSIC
The Gorlovka People's Conservatory of Music... G. Vasil'eva. Sov. profsoiuzy 18 no.7;30-40 Ap '62.
Workers' conservatory I Leibov. Sots kul't no 2 28-29 F '62

GORNO-BADAKHSHAN AUTONOMOUS PROVINCE—FORESTS AND FORESTRY
Herbaceous cover in flood plain forests of the central part of the Gorno-Badakhshan Autonomous Province. IU D Gusev. Bot. zhur 47 no 3;388-393 Mr '62.

GORODOK DISTRICT (KHMEL'NITSKIY PROVINCE)—AGRICULTURE
Let me tell you about my friend Tkachuk P. Polynskii Sov deput trud. no 3;20-21 Mr '62

GOROVETS, ALEKSANDR KONSTANTINOVICH
Men', G. IA. [Story of a deed] Istoriia odnogo podviga Moskva, Izd-vo DOSAAF, 1961 63 p

GORYN VALLEY—PASTURES AND MEADOWS
Meadows with the tufted hair grass [Deschmpsia caespitosa (L.) P B.] in the flood plain of the Goryn River. G A Kim. Biul. Inst biol. AN BSSR no 6;94-99 '61.

GOVERNMENT OWNERSHIP
(see also subdivision under Kazakhstan, States, New)
Economic function of the imperialist state in the light of the decisions of the 22d Congress of the CPSU [with summary in English] G. I. Sverdlin Vest LGU no 5 24-34 '62

GOVERNORS (MACHINERY)
Improving the dynamic characteristics of the regulating system of the diesel generator unit of a diesel locomotive. N.G. Apanovich Shor. trud NITM no.20,107-114 '61

GRADING AND MARKING (STUDENTS)
Important method of checking and extending knowledge. K G Delikatnyi. Rad. shk 10 no 3 84-85 Mr '62.
Let's raise the quality of reviewing test papers. G.M. IAkushkin. Sred spets. obr. 9 no 3 24-28 Mr '62.

GRAFTING
Change of the cotyledons of plant embryo as a method for vegetative hybridization. O. F. Mikhailov, L. Kh. Aru. Agrobiologiia no. 1;49-54 Ja-F '62.
Characteristics of pine grafting in outdoor growing V. M Piraga. Les. khoz. 15 no 3 49-50 Mr '62
Effect of various graft-stock on the heredity in the hybrid progeny of cotton. L. G. Arutiunova, K. A. Tashabaev Agrobiologiia no. 1;26-31 Ja-F '62.
Grafting woody plants at the early stages of growth. E. I. Zaar, F. A. Pakovleva. Bot. zhur. 47 no. 3;371-373 Mr '62.
Importance and effectiveness of Siberian pine graftings. Les khoz 15 no 3 50 Mr '62.
"Interaction between the scion and stock of plants" by A. S. Kruzhilin Reviewed by M. F. Lobov Fiziol rast. 9 no 1;127-128 '62

GRAIN
(see also subdivision under Lithuania, Rostov Province)
Koz'mina, N. P. [Grain and grain products] Zerno i produkty ego pererabotki. Moskva, Izd-vo tekhn i ekon. lit-ry po voprosam zagotovok, 1961. 519 p
Planning of the work cycle of the grain milling, groats, and mixed feed industry. D. Gavrichenkov. Muk.-elev. prom. 28 no.2;20-22 F '62
Winter crops yields following green fallows and unfallowed fields. I T Korolev Trudy Vseros nauch.-issl inst. sakh. svekly i sakh 1 no. 2 8-19 '61

GRAIN—CLEANING
"Harmful impurities in grain" by E. D. Kazakov. Reviewed by A. Pimanov. Muk.-elev. prom. 28 no. 2 32 F '62.
[Safety technique in grain cleaning areas] Tekhnika bezopasnosti na zerno-ochistitel'nykh tokakh. [Moskva, Izd-vo M-va sel'. khoz. RSFSR, 1961] 6 p. (Pamiatka rabotnika sel'skogo khoziaistva)
Traps for catching the grain in the waste waters of grain washing machines M. Zil'berfain. Muk.-elev. prom. 28 no. 2 28 F '62.

GRAIN—COSTS see subdivision under Rostov Province

GRAIN—DISEASES AND PESTS
Harm of cicadas to sugar beets and winter grain crops E E Makarenko Trudy Vseros nauch.-issl inst sakh svekly i sakh 1 no 2 32-35 '61

GRAIN—DRYING
Drying chamber from a horizontal hot-air stove IA. Rokhvarh Stil' bud 11 no 11 17-18 N '61
Units for grain drying G S. Okun', A. G. Chizhikov. Biul tekh -ekon. inform no 2 92-96 '62

GRAIN—FERTILIZERS AND MANURES
(see also subdivision under Azov Sea region)
Vlasiuk, P. A., and P. Z. Lisoval. [Effectiveness of the use of organic-mineral fertilizers in grain and sugar-beet crop rotation] Effektivnost' organo-mineral'noi sistemy udobrenila v zernovo-sveklovichnom sevooborote Kiev, Izd-vo Ukrainskoi Akad. sel'khoz nauk, 1961 152 p.
(DA)

GRAIN—STORAGE
(see also subdivision under Chuvashia)
Effective use of capital investments in the construction of storage facilities. Muk.-elev. prom. 28 no. 2;1-2 F '62
Improvement in the form of the administration of grain receiving enterprises. P Ignatov. Muk.-elev. prom. 28 no. 2 18-20 F '62.
Set an outstanding example in preparing the technological basis of the granaries of the Russian Federation for receiving the new grain of the seven-year plan. V. Butrimenko Muk.-elev. prom 28 no 2 3-5 F '62.

GRAIN BREEDING see subdivision under Kirghizistan

GRAIN ELEVATORS
Automatic remote control of dump carts in grain elevators. V. Polinovskii. Muk.-elev. prom. 28 no. 2 7-8 F '62.
Redesign of the SOB-8 drying and cleaning elevator tower. S. Klimov, V Volkov. Muk.-elev. prom 28 no. 2 8-10 F '62

GRAIN HANDLING
(see also subdivision under Altai Territory)
Brief news. Muk.-elev. prom. 28 no. 2;3 of cover F '62.
The classification of the waste products of grain milling and grain processing enterprises should be standardized E Lodi Muk.-elev. prom. 28 no 2,25 F '62.
"Harmful impurities in grain" by E. D. Kazakov. Reviewed by A Pimanov Muk.-elev. prom. 28 no. 2;32 F '62.

GRAIN HANDLING—ACCOUNTING
More about business accounting. S. Zeleznskaia. Muk.-elev prom. 28 no. 2 22-23 F '62.

GRAIN HANDLING—EQUIPMENT AND SUPPLIES
We have improved the cleaning of sacks in container repairing shops. A. Suprunov, E. Dmitruk. Muk.-elev. prom 28 no. 2;28-29 F '62.

GRAIN-HANDLING MACHINERY
The KShP-3 batter-screw grain loader is a good machine. B Sukherman. Muk.-elev. prom. 28 no. 2 30 F '62.
Self-propelled grain loader V. Dulov. Sel'. mekh. no. 1; 43 '62.
The ZS-60 grain loader S. F. Chellei. Biul. tekh. -ekon. inform. no 2;60-61 '62.

GRAIN MILLING
(see also subdivision under Stavropol; Tula)
Brief news. Muk.-elev. prom. 28 no. 2;3 of cover F '62.
The classification of the waste products of grain milling and grain processing enterprises should be standardized E. Lodi. Muk.-elev. prom. 2[illegible]

GRAIN-MILLING MACHINERY
(see also subdivision under Euro United States)
An unusual case. I. Nastin. Mul 30 F '62.

GRAIN TRADE see subdivision ur

GRAMINEAE
Effect of lateral shoots on the fe of the gramineae. V. M. Terent Loiko. Biul. Inst. biol. AN BSSF

GRAMSCI, ANTONIO, 1891-1937
Antonio Gramsci and the revoluti workers. G. Kursanov. Komm '62.

GRANARIES see subdivision under

GRANARIES—HYGIENIC ASPECTS
Carbon dioxide hazards at grain L'vovich. Gig. truda i prof. zab

GRANINEAE
Shoot formation and tillering in gramineous plants T. I Serebriakova. Bot. zhur. 47 no. 3 427-432 Mr '62.

GRANITE
(see also subdivision under Yenisey Ridge)
Rose granites are a raw material for producing high-voltage insulators P. M Bykov Stek i ker. 19 no 2 30-32 F '62

GRANITE—ANALYSIS see subdivision under Kazakhstan

GRANOVSKII, TIMOFEI NIKOLAEVICH, 1813-1855
A. I. Herzen's unpublished study. I. Ptushkina. Novyi mir 38 no. 3 231-238 Mr '62

GRANULAR LIDS see Conjunctivitis, Granular

GRANULAR MATERIALS
Investigating the work of roof bolting of granular material models. S S. Panchev, L. A Petrov. Izv. vys. ucheb. zav., tsvet. met. 5 no. 2 27-37 '62.

GRANULAR MATERIALS—TRANSPORTATION
Certain characteristics of the transportation of granular materials by sea. V I. Korobtsov. Trudy TSNIIMF no 37 104-111 '61.

GRANULOMA BENIGNUM
Rheumatic heart granulomas as a criterion of aggravation of the rheumatic process [with summary in English] E K. Berezovskaia. Grud khir 1 no 3 22-30 My-Je '59

GRAPES
(see also subdivision under Armenia, Moldavia)
Characteristics of water balance and mineral nutrition of grapes in saline soils G Z Berezenko Trudy Nauch -issl inst sad vin 24 83-89 '60
Effect of the anatomical and physiological organization and environmental conditions on the salt secretion in grapes G Z. Berezenko Trudy Nauch -issl inst sad vin 24 77-81 '60
Extra-axillary shoots of grapevines. Zdravko D. Zankov, Khristo Todorov. Agrobiologiia no. 1 154-155 Ja-F '62.
Factors determining the salt tolerance of grape vines G Z Berezenko Trudy Nauch -issl inst sad vin 24 71-76 '60
Inheritance of the earliness of ripening and its stability in hybrid grapes. S. S. Khachatrian. Agrobiologiia no. 1;37-48 Ja-F '62.

GRAPES—ANALYSIS
Effect of environmental conditions on the chemical composition of grapes L. V Milovanova Trudy Nauch -issl inst. sad vin 24 65-69 '60

GRAPES—FERTILIZERS AND MANURES
Effect of manganese trace element fertilizers on biochemical processes in grapes [with summary in English] O K Dobrolubskii, V. K Ryzha Fiziol rast 9 no 1 53-59 '62
Effect of the dosage of nitrogen fertilizers on the acid complex in grapes A M. Zhuravel' Trudy Nauch -issl inst sad vin 24 55-63 '60

GRAPES—VARIETIES see subdivision under Don Valley; Uzbekistan

GRAPHITE
Initial technical evaluation of graphite-containing raw material S. Sh Aronskind. Razved i okh. nedr 27 no 12 47-50 D '61

GRASSES
(see also subdivision under Azerbaijan; Leningrad Province)
Comparison of some methods for determining the role of a species in the structure of the herbaceous cover of an oak forest. V. S Ipatov Bot. zhur. 47 no 3;360-368 Mr '62
Effect of perennial grasses on soil fertility and crop yields. E N. Alekseeva. Trudy Vseros. nauch.-issl. inst. sak svekly i sakh. 1 no. 1,108-126 '60.
Herbaceous cover in flood plain forests of the central part of the Gorno-Badakhshan Autonomous Province. IU. D. Gusev. Bot. zhur. 47 no. 3 388-393 Mr '62.
[illegible] in perennial grasses in the first

GRAVITATION
Gravitational radiation by a relativistic particle [with summary in English]. V. I. Pustovoit, M. E. Gertsenshtein. Zhur. eksp. i teor. fiz. 42 no. 1:163-170 Ja '62.
Vertical component of the attraction for some cupola-shaped bodies having a simple geometrical configuration [with summary in English]. M. U. Sagitov. Soob. GAISH no. 119:32-61 '61.

GRAVITY
Calculation of higher derivatives of the gravity potential from a field of Bouguer anomalies. Razved. i prom. geofiz. no. 39:42-53 '61.
Interpretation of V_{zz} anomalies by the direct method. N. L. Afanas'ev. Geofiz. razved. no. 5:15-27 '61.
Magnitskii, V. A. [Theory of the earth's figure] Teoriia figury Zemli. [By] V. V. Brovar, V. A. Magnitskii i B. P. Shimbirev. Moskva, Izd-vo geodez. lit-ry, 1961. 256 p.
Relationship between the Mohorovičić's surface and the country relief and gravity anomalies [with summary in English]. N. P. Grushinskii. Soob. GAISH no. 119:3-25 '61.
Using a template in calculating gravity anomalies of three-dimensional bodies [with summary in English]. M. U. Sagitov. Soob. GAISH no. 119:26-31 '61.

GRAVITY PROSPECTING
(see also subdivision under Caspian Sea, Russian Platform; Volga Delta)
Determination of the depth and measurements of a three-dimensional body based on the Δg anomaly. A. A. Ul'kov. Geofiz. razved. no. 5:3-15 '61.
Examining charts used in gravity prospecting to separate regional and local anomalies. I. G. Klushin. Prikl. geofiz. no. 31:204-218 '61.
Graphic methods of calculating Δg anomalies created by geological objects limited in extent. K. F. Tiapkin. Geofiz. razved. no. 5:27-39 '61.
Method for accelerated computation of the depth of masses with the shape of a rectangular prism disturbing the gravity field. A. G. Salikhov. Prikl. geofiz. no. 31:230-247 '61.
Radius for calculating the effect of relief in gravity prospecting. V. M. Berezkin. Razved. i prom. geofiz. no. 39:54-60 '61.
Reduction and interpretation of gravity anomalies under conditions of highly dissected terrain configuration. P. I. Lukavchenko. Prikl. geofiz. no. 31:219-229 '61.
Stability of analytical continuation of gravity anomalies. S. A. Shikhov. Izv. vys. ucheb. zav., geod. i aerof. no. 6:63-66 '61.

GRAYLING see subdivision under Baikal, Lake

GREAT BRITAIN—BACTERIOLOGY, AGRICULTURAL
Agricultural microbiology in Great Britain. E. N. Mishustin. Mikrobiologiia. 31 no. 1:169-171 Ja-F '62.

GREAT BRITAIN—BIOPHYSICS—RESEARCH
Biophysical research and techniques used in some university laboratories of England. P. O. Makarov. Trudy Len. ob-va est. 72 no. 1:142-144 '61.

GREAT BRITAIN—COMMUNIST PARTY
Toward a mass party. John Gollan. Kommunist. 39 no. 7:77-84 My '62.

GREAT BRITAIN—DEFENSES
Bombs and snowdrops, "White Paper" of the British Government. S. Madzoevskii. Nov. vrem. 20 no. 13:9-12 Mr '62.

GREAT BRITAIN—FOREIGN ECONOMIC RELATIONS—LATIN AMERICA
Anglo-American competition in Latin America. I. E. Bezrodnyi. Ekon. Rad. Ukr. no. 1:111-116 Ja-F '62.

GREAT BRITAIN—HISTORY
Cherniak, E. B. [The mass political movement of the late 18th and early 19th century in England and Ireland] Massovoe dvizhenie v Anglii i Irlandii v kontse XVIII - nachale XIX v. Moskva, Izd-vo Akad. nauk SSSR, 1962. 717 p. (Istoriia angliiskogo rabochego dvizheniia v novoe vremia)
"The fourteenth century, 1307-1399" [in English] by M. Mac Kisack. Reviewed by V. F. Semenov. Vop. ist. no. 4:178-182 Ap '62.

GREAT BRITAIN—INSURANCE, SOCIAL
From the pocket of the workers. Sots. obesp. 23 no. 3:61 Mr '62.

GREAT BRITAIN—MICROBIOLOGICAL RESEARCH
Microbiological institutions in Great Britain. E. N. Mishustin. Izv. AN SSSR. Ser. biol. 27 no. 1:131-140 Ja-F '62.

GREAT BRITAIN—NERVOUS SYSTEM—SURGERY
Neurosurgical service in Great Britain. S. S. Oganesian. Vop. neirokhir. no. 2:53-56 '62.

GREAT BRITAIN—REFRACTORY MATERIALS
Refractories coated with platinum [from "Glass," March 1961]. Stek. i ker. 19 no. 3:46 Mr '62.

GREAT BRITAIN—RELATIONS (MILITARY) WITH CHINA
English society and the Second Opium War. N. P. Klimenko. Vop. ist. no. 4:210-216 Ap '62.

GREAT BRITAIN—RUSSIAN STUDIES
How they study the history of the U. S. S. R. in England. V. Z. Drobyshev, Iu. I. Igritskii. Vop. ist. no. 4:199-201 Ap '62.

GREAT BRITAIN—STRIKES AND LOCKOUTS
Reminiscences on the history of the English labor movement [with summary in English, p. 171]. William Gallacher. Nov. i noveish. ist. no. 6:75-90 '61.

GREAT BRITAIN—STRIKES AND LOCKOUTS—MACHINERY INDUSTRY
Reply of the workers of Great Britain. G. Denichenko. Sov. profsoiuzy. 18 no. 6:44 Mr '62.

GREAT BRITAIN—STRIKES AND LOCKOUTS—SHIPBUILDING WORKERS
Reply of the workers of Great Britain. G. Denichenko. Sov. profsoiuzy. 18 no. 6:44 Mr '62.

GREAT BRITAIN—THEATER
In England. Peter Roberts and others. Teatr. 23 no. 3:84-94 Mr '62.

GREECE—EUROPEAN WAR, 1914-1918
Imaginary exploits. K. B. Kirillov. Vop. ist. no. 4:193-194 Ap '62.

GREECE—HISTORY
The history of Attica from the 11th to the 8th century B. C. J. Bouzek. Vest. drev. ist. no. 1:104-113 '62.

GREEK DRAMA—HISTORY AND CRITICISM
Origins of ancient Greek drama. N. I. Babenko. Nauk. zap. Chern. un. 40. Ser. rom.-germ. filol. no. 7:95-106 '60.

GREEK ORATORS see Orators, Greek

GREEN MANURING
Effect of green manures and peat on the content and group composition of humus in turf-Podzolic loamy soils [with summary in English]. P. N. Vysotskaia, V. K. Mikhnovskii. Pochvovedenie no. 2:37-41 F '62.

GREENLAND SEA—METEOROLOGY, MARITIME
Characteristics of the weather and circulation regime over the Greenland, Barents, and Kara Seas during the formation and transformation of the west-east atmospheric circulation pattern. T. M. Khoreva. Trudy AANII 240:95-146 '61.
Wind and temperature conditions in the region of the Greenland and Barents Seas as related to types of synoptic processes in the Arctic. L. A. Dydina. Trudy AANII 240:177-208 '61.

GREENLAND SEA—OCEANOGRAPHIC RESEARCH
Water and heat balance in the Norwegian and Greenland Seas. V. V. Rossov. Okeanologiia. 1 no. 5:944-947 '61.

GREKOV, MITROFAN BORISOVICH, 1882-1934
Timoshin, G. A. [Mitrofan Borisovich Grekov; his life and works] Mitrofan Borisovich Grekov; zhizn' i tvorchestvo. Moskva, Sovetskii khudozhnik, 1961. 357 p. (MH)

GRIGOR'YEVKA (AKTYUBINSK PROVINCE)—TRADE UNIONS
One would like to have more than just a "pay load." A. Kukoba. Sov. profsoiuzy. 18 no. 4:24 F '62.

GRINDING AND POLISHING
Chemical polishing of glass. O. N. Diatlova, V. V. Bykov. Stek. i ker. 19 no. 2:19-23 F '62.
Increasing the productivity of the 4ShPS machines. V. M. Budov, I. A. Shaposhnikov, E. S. Latushina. Stek. i ker. 19 no. 1:31-32 Ja '62.
Kurnychev, E. F. [Manual for young operators of grinding machines] V pomoshch' molodomu zatochniku. [Rostov-na-Donu] Rostovskoe knizhnoe izd-vo, 1961. 130 p.
Polishing capacity of Soviet and imported polishing powders. A. I. Korelova, T. A. Makarova. Stek. i ker. 18 no. 11:14-17 N '61.
Relation of the chemical and mechanical processes in polishing glass. V. A. Dubrovskii. Stek. i ker. 18 no. 11:9-13 N '61.

GRINDING MACHINES
Belevich, N. I., and Iu. V. Chaikovskii. [Mechanization of fitting and lapping operations; the 3 UMD electric unit for the mechanization of lapping] Mekhanizatsiia slesarno-dovodochnykh rabot; elektrifitsirovannaia ustanovka mekhanizatsii dovodki tipa 3 UMD. Leningrad, 1962. 26 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serila: Mekhanicheskaia obrabotka metallov, no. 3)

GRIPPE see Influenza

GRISEOFULVIN
First experience in treating dermatomycoses with the Soviet griseofulvin. L. A. Shteiniukht, T. L. Savel'eva, V. A. Lenartovich. Vest. derm. i ven. no. 3:3-7 '62.

GRISHIN, MIKHAIL MIKHAILOVICH, 1891-
Seventieth birthday of Mikhail Mikhailovich Grishin. Gidr. stroi. 32 no. 1:62-63 Ja '62.

GRISTLE see Cartilage

GRIVA, ZHAN, pseud. see Folmanis, Žanis, 1910-

GROCERY TRADE
(see also subdivision under Rybinsk)
Berger, I. N., and V. TS. Shvilkin. [Grocery trade] Torgovlia prodovol'stvennymi tovarami. Moskva, Gos. izd-vo torg. lit-ry, 1962. 126 p.

GRODNO—MATHEMATICS—STUDY AND TEACHING
Mathematical analysis club in the Grodno Pedagogical Institute. IA. I. Rivkind. Mat. pros. no. 6:267-280 '61.

GRODNO PROVINCE—PUBLIC HEALTH, RURAL
When they start with joint efforts. V. M. Gorlenko. Sov. krasn. kniga. 11 no. 4:5-11-Ag '61.

GRODZINSKII, MORIS MARKOVICH, 1887-
M. M. Grodzinskii's 75th birthday and the 50th anniversary of his work in legal research. Izv. vys. ucheb. zav., prav. 6 no. 1:191 '62.

GROMOV, VITALII VIKTORINOVICH, 1900-
Professor Vitalii Viktorinovich Gromov. I. Kasatkinskii. Kaz. med. zhur. no. 5:89-90 S-O '61.

GROUPS, THEORY OF
Classical groups. Spectral analysis of finite-dimensional representations. D. P. Zhelobenko. Usp. mat. nauk. 17 no. 1:27-120 Ja-F '62.
Finite approximation of Ω-groups. M. A. Taitelin. Sib. mat. zhur. 3 no. 1:95-102 Ja-F '62.
Homomorphism of semigroups into commutative semigroups. I. S. Ponizovskii. Sib. mat. zhur. 2 no. 5:719-733 S-O '61.
Ideal systems in semigroups. I. S. Ponizovskii. Mat. sbor. 55 no. 1:101-108 D '61.
Ideals of semigroups. I. M. Gluskin. Mat. sbor. 55 no. 4:421-448 D '61.
Identities in special semigroups. S. I. Adian. Dokl. AN SSSR. 143 no. 3:499-502 Mr '62.
Imbedding of semigroups into generalized groups. B. M. Shain. Mat. sbor. 56 no. 1:379-400 D '61.
Invariants of divisor classes for $x^k(1-x)^l = y^1$ curves in an l-adic circular field. D. K. Faddeev. Trudy Mat. inst. 64:284-293 '61.
Irreducible nilpotent groups over a finite field. N. F. Apatenok. Dokl. AN BSSR. 6 no. 3:142-144 Mr '62.
Matrix elements of irreducible representations of the Lorentz group. I. D. Rukin. Izv. vys. ucheb. zav., mat. no. 6:180-184 '61.
Nilpotent semigroups with certain conditions of finiteness. L. N. Shevrin. Mat. sbor. 55 no. 4:473-480 D '61.
One-dimensional invariant cochains of dynamic systems. V. A. Baidosov. Sib. mat. zhur. 2 no. 5:811-819 S-O '61.
Periodic linear groups. D. A. Suprunenko. Sib. mat. zhur. 3 no. 1:87-94 Ja-F '62.
Primarily factorable groups [with summary in English]. I. M. Gorchakov. Ukr. mat. zhur. 14 no. 1:39-52.
Representation of generalized loops. B. M. Shain. Izv. vys. ucheb. zav. mat. no. 6:142-154 '61.
Structure of adjacent classes of groups. N. V. Loiko. Sib. mat. zhur. 3 no. 1:70-86 Ja-F '62.

GROWTH
Correlation between the functional state of the central nervous system, nutrition and growth in ontogenesis [with summary in English]. J. Lát. Vop. pit. 21 no. 2:3-10 Mr-Ap '62.
Linear growth of zooids in asexual reproduction of some oligochaetes. V. B. Kosinov. Dokl. AN SSSR. 144 no. 4:887-890 Ap '62.

GROWTH PROMOTING SUBSTANCES
Accumulation of growth substances in the apical cone of corn at the various stages of organogenesis. P. I. Dikonu. Nauch. dokl. vys. shkoly, biol. nauki. no. 1:154-159 '62.
Effect of growth regulators on the utilization of assimilates from leaves at different canopy levels. N. I. Akent'kina. Fiziol. rast. 9 no. 1:111-114 '62.
Effect of growth substances of petroleum origin on the growth, development, and yield of Onagopyrum and alfalfa under conditions of qualitatively different soil salinity. Z. S. Azizbekova. Dokl. AN Azerb. SSR. 18 no. 1:83-88 '62.
Production of growth substances by nonsporeforming bacteria isolated from some soils of Siberia. A. I. Sidorenko, I. L. Klevenskaia. Izv. Sib. otd. AN SSSR. no. 12:92-96 '61.
A stimulant of plant growth isolated from Fusarium miliforme Shield [with summary in English]. V. I. Lilat and others. Izv. AN SSSR. Ser. biol. 27 no. 1:42-47 Ja-F '62.
Studying the physiology of growth promoting substances of plants and herbicides. S. M. Mashtakov. Biul. inst. biol. AN BSSR. no. 6:161-169 '61.

GROWTH PROMOTING SUBSTANCES—CONGRESSES
Kollokvium molodykh fiziologov rastenii. Leningrad, 1959. [Growth promoting substances and their role in growth processes and plant development] Rostovye veshchestva i ikh rol' v protsessakh rosta i razvitiia rastenii; materialy kollokviuma..., sozvannogo v Leningrade 30 ianv. - 2 fevr. 1959 g. Sektsiei fiziologii i biokhimii rastenii Vsesoiuznogo botanicheskogo obshchestva. Leningrad, 1959. 113 p.
(ICMILC)

GROZNYY—CHEMISTRY, ANALYTICAL
Automation of analytical control at the Groznyy Chemical Plant N I Tumofeev Zav lab 28 no 2 250-251 '62

GROZNYY—REVOLUTION, 1917-1921
Nosov, A. F. [Reminiscences on the October Revolution in the city of Groznyy and in the mountains of the Chechen and Ingush region, from the history of the peoples of the Chechen-Ingush A. S. S. R., 1917-1920] Oktiabr'skaia revoliutsiia v Groznom i v gorakh Checheno Ingushetii (k istorii narodov Checheno-Ingushetii), vospominaniia, 1917-1920. [Groznyi] Checheno-Ingushskoe knizhnoe izd-vo, 1961. 155 p.

GUANIDINE
Synthesis of Octatensin (1-[N-(azacyclooctyl)-ethyl]-2 guanidine-sulfate). L.Kh. Fel'dman, O M. Lerner Med. prom 16 no. 1 16-18 Ja '62.

GUIANA, BRITISH see British Guiana

GUIDED MISSILES
Pinpointing with radar V. Konovalov. Av. i kosm 11 no 3:92-95 '62.
Time required for making rockets ready has been shortened A. Manziukov, E. Kalnbeklants Av i kosm 44 no 3:57-59 '62

GUINEA PIGS
Blood picture in healthy guinea pigs [with summary in English] E. D. Gol'dberg Biul. eksp biol i med 52 no 7,115-118 Jl '61.

GUKOVO—COAL MINES AND MINING
Economic efficiency of mixed brigades in mining. I Semkin. Biul nauch. inform. trud i zar plata 5 no. 3, 31-33 '62.

GULF STREAM
B. Franklin and some problems of oceanography. A. F. Laktionov Okeanologiia 1 no. 5:951-955 '61

GUL'SHAD REGION—ARSENOLITE
Arsenolite in the oxidation zone of the Gul'shad deposit. K. S. Gazizova. Zap. Vses min ob-va. 91 no. 1 107-109 '62.

GUMMOSIS
Antibiotics in the control of gummosis in cotton L. P. Starygina, M. R. Birkel', Sh A. Safarov. Trudy Vses inst sel'khoz mikrobiol. 17 60-67 '60
Indices of the effectiveness of antibiotics used against gummosis in cotton. L. P. Starygina, M. R Birkel'. Trudy Vses inst sel'khoz mikrobiol. 17 5-17 '60
Use of antibiotics in the control of gummosis in cotton in Uzbekistan S. A. Askarova. Trudy Vses. inst. sel'khoz mikrobiol 17 51-59 '60

GUMS AND RESINS
Investigation in the field of alkyd resins Report No. 5: Synthesis of alkyd resins in the medium of solvents. A. M. Rubman and others Lakokras. mat. i ikh. prim. no 6 9-17 '61.
New device for controlling the process of alcoholysis during the production of modified glyptal resins A. I. Liptsina, B. V. Shenberg Lakokras. mat. i ikh prim no 6 77-78 '61
Refining ronin by remelting. M. D. Rodnin, G. M. Baranovskaia, L. N. Semiletkova Lakokras. mat. i ikh prim no 5 80-81 '61
Using tall oil for the preparation of ronin-containing alkyd resins I. N. Luchanskii, A. V. Davydov, B. Sh. Sheinfel'd. Lakokras. mat. i ikh. prim. no. 6 75-77 '61.

GUMS AND RESINS, SYNTHETIC see Resins, Synthetic

GUNSMITHING see subdivision under Tula

GYMNASTICS, MEDICAL see Exercise therapy

GYNECOLOGY
Conducting preventive medical examinations of women in a rural location. I. P. Furmenko. Sov. zdrav. 21 no. 3: 10-21 '62.
Remarks on hormone therapy in gynecology. A. A. Kogan. Med. zhur. Uzb. no 1 13-15 Ja '62.
We need to increase the role of gynecological consultations and examination clinics in the detecting of gonorrhea among women K. S. Chemerinskaia, K. A. Grabchak Vest. derm. i ven. no. 3:75-76 '62.

GYPSUM
Method of preparing calcium sulfide from gypsum for purposes of its use in metallurgy. D. I. Lisovskii, G. V. Kuzmichev. Sbor. nauch. trud. GINTSVETMET no 13 83-86 '60.

GYPSUM PRODUCTS
Conference on the Coordination of Research Work in the Gypsum Industry. Strol. mat. 8 no. 2;21 F '62.
Producing gypsum fiber sheets on round-screen sheet-making machines. G. S. Blokh and others Strol mat 8 no 2;15-17 F '62.

GYPSY MOTH see subdivision under Moscow region

GYROSCOPE
Saidov, P. I., E. I. Sliv, and R. I. Chertkov. [Applied theory of gyroscopes] Voprosy prikladnoi teorii giroskopov. Pod red. P. I. Saidova, Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1961. 420 p.

GYROSCOPIC INSTRUMENTS
Effect of random fluctuations of gyroscopes on the behavior of a simple system of inertial navigation I B Chelpanov Izv AN SSSR Otd tekh nauk Mekh i mashinostr no. 1 164-166 Ja-F '62.

HABITS OF ANIMALS see Animals, Habits and behavior of

HAFNIUM HALIDES
Melting diagrams of binary systems formed by zirconium and hafnium halides L A Nisel'son Zhur neorg khim 7 no 4 693-694 Mr '62

HAIL see subdivision under Voronezh

HAIR—CARE AND HYGIENE
Bochkareva, E. A. [Care of the facial skin] Ukhod za kozhei litsa. Alma-Ata, Kazakhskoe Gos. izd-vo, 1961. 69 p.
Care and hygiene of your hair E. I. Ryzhkova. Otv na vop rab. no. 10 61-65 '61

HAIR—DISEASES see subdivision under Vologda Province

HALIDES
Interaction at high temperatures of alkenyl and aryl halides with triarylsilanes A. D Petrov, E. Fisher Zhur. ob. khim. 32 no 3 698-704 Mr '62.
Mechanism of zirconium pitting corrosion in halide solutions V. A. Gil'man, IA. M. Kolotyrkin. Dokl. AN SSSR 143 no. 3;640-642 Mr '62
Melting diagram of the reciprocal system consisting of sodium and cadmium bromides and iodides I I Il'iasov and others Zhur neorg khim 7 no 3 618-620 Mr '62
Melting diagram of the ternary reciprocal system of cadmium and thallium bromides and iodides I I Il'iasov, S D Dionis'ev, A G Bergman. Zhur neorg khim 7 no 3 625-627 Mr '62

HALL EFFECT
Bogomolov, V. N. [Devices using Hall transducers and magnetoresistance transducers] Ustroistva s datchikami Kholla i datchikami magnitosoprotivleniia. Moskva, Gos. energ. izd-vo, 1961. 107 p. (Biblioteka po avtomatike, no. 42)
Effect of the additional change in the resistance of semiconductors in a magnetic field caused by the secondary Hall e. m. f. V. V. Surkov. Avtom. i telem. 23 no. 3: 383-387 Mr '62.

HALOGEN COMPOUNDS
Relationship between the content of halogen compounds in the gas phase and the chemistry of magmatic melt [with summary in English] L. N. Kogarko, L. D. Riabchikov. Geokhimiia no. 12;1058-1076 '61
Spectra and structure of halo derivatives of trinitromethane. V A Shliapochnikov, A. A Fainzil'berg, S S Novikov. Izv. AN SSSR Otd khim nauk no. 3 519-520 Mr '62.

HALOGENS
Orlov, A. G., and B. T. Melekh. [Spectrochemical analysis of chlorine, bromine, and iodine in elementary tellurium] Spektrokhimicheskoe opredelenie khlora, broma iioda v elementarnom tellure. Leningrad, 1962. 10 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Kontrol' kachestva produktsii, no. 1)

HAMMETT EQUATION
Basicity of phosphines and the Hammett equation M. I Kabachnik, G. A Balueva Izv. AN SSSR. Otd khim nauk no 3. 536-537 Mr '62.

HAMSTERS
Sensitivity of golden hamsters (Cricetus auratus, W, 1930) to some antibiotics and sulfanilimide preparations [with summary in English] A. S. Grudenkov, T. M Gusev. Antibiotiki 6 no. 11 1031-1034 N '61

HAND
Primary suture of the flexor tendons of the hand and fingers and its late results. V. M. Knishevitskii. Vest. khir. no. 3;71-77 '62.

HANDBALL
[Volleyball, handball; the rules of the game] Tinklinis, rankinis; varzybu taisykles. Pataisytas ir papildytas leidimas. Vilnius, Valstybine politines ir moksalines literaturos leidykla, 1961. 113 p. [In Lithuanian]

HANSEN'S DISEASE see Leprosy

HARAPPAN CIVILIZATION see Civilization, Harappan

HARBORS
(see also subdivision under Dnieper River)
Increase the rate of technical progress in harbor construction. D. E. Gurevich. Gidrotekhnika no. 1;88-90 '61.
Selecting efficient methods of cargo transshipment in the roads. L. M. Gas'kov. Trudy TSNIIMF no. 37 86-103 '61.

HARBORS—ELECTRIC EQUIPMENT
Determining the electric loading of harbor systems. V. P Shorin. Trudy LIVT no. 9;29-35 '60.

Reingol'dt, IU. A. [Electrical equipment of industrial enterprises for inland-water transportation] Elektricheskoe oborudovanie promyshlennykh predpriiatii rechnogo transporta. Leningrad, Izd-vo "Rechnoi transport," 1961. 356 p.

HARD FACING
Application of automatic hard facing of rolls on the 750 mill L. T Shepel', S G Terent'ev, P I Antonov Stal' 22 no 3 256-257 Mr '62
Khrustalev, L. IA. [Automatic arc welding and hard facing] Avtomaticheskaia dugovaia svarka i naplavka. Moskva, Mashgiz, 1961. 43 p. (Nauchno-populiarnaia biblioteka rabochego-svarshchika, no. 11)
Possibility of using BK-2 babbit for the hard facing of 18D engine bearings N Sennikovskii Rech. transp. 21 no 2;30-31 F '62.
Some problems of using the thermite process in ship repairing B G Andreev Trudy LIVT no. 6 45-48 '60

HARDBOARD
Biriukov, P. T. [Practices of the manufacture of wood particles boards] Opyt proizvodstva drevesno-struzhechnykh plit Moskva, Goslesbumizdat, 1961 87 p.

HARDNESS
Mechanical properties and structure of nodular iron [with summary in English] S V Serensen, O IU. Kramarenko, O V Kulikivs'kn. Nauk pratsi Inst lyv v"rob AN URSR 9 51-65 '60.
Refinement of the concept of hardness as a structural state of a substance and its consistency V N Murstov, V A Frank-Kamenetskii. Zhur strukt. khim 3 no 1 106-107 Ja-F '62

HARDNESS—TESTING
Applicability of the Meyer rule in hardness testing G M Kuznetsov, A S Sobolev. Sbor nauch. trud GINTSVETMET no 33 263-267 '60
Investigating the initial stage of thermal fatigue by the method of microhardness measurements IU F. Balandin, V A. Bratukhina Fiz met i metalloved 13 no 1 122-125 Ja '62.

HARDY, THOMAS, 1840-1928
Grammatical features of the language used by T. Hardy in his "Wessex tales." L. N. Solov'eva. Issl. po angl. filol. no. 2;70-81 '61.

HARES
Crossbreeding common hare with the domestic rabbit. V. D. Treus, O. P. Stieklien'ov Nauk. pratsi "Ask. -Nov." 9 103-109 '61.
Why does a hare have thin skin? I Akimushkin Nauka i zhizn' 29 no 2,47-49 F '62

HARMONY
Chumakov, N. S. [Exercises in harmony] Zadachnik po garmonii. Baku, Azerbaizhanskoe gos muzykal'noe izd-vo, 1961. 81 p.

HARVESTING MACHINERY
Group method for harvesting corn. P. IUrpol'skii. Sel'. mekh. no. 3 17-18 '62.
New harvesting machinery for our virgin areas. A. Grigor'eva. Ekon. sel'khoz. 33 no. 1 77-81 Ja '62.
The SK-4 combine. V Blokhin, F. Kazarnovskii Sel'. mekh. no 3 44-45 '62.
The ZhVN-6 mounted windrower. S. F. Chellet. Biul. tekh. -ekon inform. no. 2;63-64 '62

HARVESTING MACHINERY—MAINTENANCE AND REPAIR
Toward good servicing of machinery. F. Pavlov. Sel'. mekh. no. 3;18-19 '62.

HAŠEK, JAROSLAV, 1883-1923
"Literary frut'
by Milan Jar
6 no

HAUYN

HAV/
In
P

PA

HEALTH RESORTS, WATERING PLACES, ETC
(see also subdivision under Adler, Armenia, Ukraine, see also Kislovodsk)

Brandenburgskii, G. L. [Systematic rules for sanatorium-health resort selection of patients with cardiovascular diseases] Metodicheskie ukazaniia po sanatorno-kurortnomu otboru bol'nykh serdechno-sosudistymi zabolevaniiami. Kiev, Gos. med izd-vo, USSR, 1961. 14 p.
(DNLM)

Bykhovskii, Z. E. [Rheumatic and nonrheumatic diseases of the joints and their sanatorium-health resort treatment] Revmaticheskie i nerevmaticheskie zabolevaniia sustavov i ikh sanatorno-kurortnoe lechenie. Moskva, Medgiz, 1962. 338 p
(DNLM)

Gekhtman, M. IA. [Organization of workers' rest in the U. S. S. R.] Organizatsiia otdykha trudiashchikhsia v SSSR. Kishinev, Gos. izd-vo "Kartia moldoveniaske," 1961. 27 p.

Kozlov, I. I., ed. [Health resorts of trade unions in the U. S. S. R.] Zdravnitsy profsoiuzov SSSR; spravochnik [Moskva] Izd-vo VTsSPS Profizdat, 1962. 494 p
(DNLM)

HEARING

Appearance of an "isolated pathological point" in the auditory analyser of a dog [with summary in English] L. P. Rudenko. Zhur. vys. nerv. deiat. 11 no. 6 1091-1098 N-D '61

Biophysics of the excitability fluctuation of human visual and auditory analysers. E. A. Vaipolina. Trudy Len. ob-va est. 72 no. 1 125-138 '61

Influence of the verbal system on the acoustic analyser in man. T. N. Ushakova. Dokl. APN S no. 6 77-80 '61

Some methods of studying sound-pitch sensitivity in preschool children. Report No. 1. Differentiated discrimination by preschool children of pure tones in their verbal evaluation. T. A. Repina. Dokl. APN S no. 4 101-105 '61

Some methods of studying the sound-pitch sensitivity in preschool children. Report No. 3. Development of methods for the formation of a differentiated sound-pitch discrimination of timbre-colored tones in children. T. A. Repina. Dokl. APN S no. 6 55-60 '61

HEARING AIDS

Hearing aids. G. I. Subbotina. Med. sestra 21 no. 2 51 F '62

HEART

Action of strophanthin-K on aerobic phosphorylation during its attenuation by some inhibitors [with summary in English]. M. N. Kondrashova, L. V. Nikolaeva. Vop. med. khim. 7 no. 4 363-371 Jl-Ag '61.

Aldolase activity of the cardiac mitochondria in rabbits [with summary in English]. S. E. Severin, V. M. Zubovskaia. Vop. med. khim. 7 no. 4 43-14 Jl-Ag '61.

Change in the influence of the vagus nerve on the heart and latter's functional condition following intravenous administration of $CaCl_2$. Z. R. IUnusov. Med. zhur. Uzb. no. 4 46-49 Ap '60.

Effect of lowering atmospheric pressure on the cardiac activity in animals during the late periods following lung excision [with summary in English]. L. P. Cherkasskii. Biul. eksp. biol. i med. 53 no. 2 36-39 F '62.

Effect of pure oxygen respiration on the lungs and heart of white rats [with summary in English]. I. S. Balakhovskii, A. R. Mansurov, V. I. IAzdovskii. Biul. eksp. biol. i med. 53 no. 2 43-47 F '62

Effects of various rhythms in electrical stimulation of the ventricles of the heart [with summary in English]. L. S. Ulianinskii. Biul. eksp. biol. i med. 52 no. 11 13-17 N '61

Influence of removal of the chromaffin tissue on conditioned reflex changes in cardiac function [with summary in English]. Z. V. Urazaeva. Biul. eksp. biol. i med. 52 no. 7 9-14 Jl '61

HEART—ABNORMITIES AND DEFORMITIES

Pulmonary changes in congenital heart defects [with summary in English]. D. S. Sarkisov, L. D. Krymskii. Grud. khir. 3 no. 6 17-26 N-D '61

Savel'ev, V. S. [Catheterization and angiocardiography in congenital defects of the heart] Zondirovanie i angiokardiografiia pri vrozhdennykh porokakh serdtsa. Moskva, Medgiz, 1961. 238 p.
(DNLM)

HEART—BLOOD SUPPLY

Characteristics of the histostructure of the cardiac vessels in dextrad division of the bulbus cordis (tetralogy of Fallot) [with summary in English]. N. V. Arkhangel'skaia. Grud. khir. 2 no. 1 53-60 Ja-F '60.

HEART—CIRCULATION, DISORDERS OF

Rheographic diagnosis of sinistroventricular and dextroventricular insufficiency. IU. T. Pushkar'. Kardiologiia 1 no. 3 84-85 My-Je '61

HEART—DISEASES

Attempt at experimental reproduction of cardiac lesions by means of action exerted on the nervous system [with summary in English]. I. K. Shkhvatsabaia. Kardiologiia 1 no. 3 18-29 My-Je '61.

Case of congenital fibroelastosis in a 1 1/2-day-old child. O. IA. Kaufman, G. I. Neimark. Vop. okh. mat. i det. 7 no. 1 91-94 Ja '62.

Clinical aspects and pathomorphology of lesions of the heart in whooping cough complicated by pneumonia [with summary in English]. V. P. Braginskaia, I. S. Dergachev. Pediatriia no. 2 31-39 '62

Clinical morphological characteristics of a latent form of arteriosclerotic myocardiosclerosis (without hypertension). E. N. Agapova. Klin. med. no. 3 118-125 '62

Clinical picture and characteristics of the electrocardiogram in infectional myocarditis [with summary in English]. Liubomir Rusev, Georgi Nikolov. Klin. med. no. 3 88-95 '62

Clinicomorphological changes in the eye related to congenital vitium cordis of the cyanotic type [with summary in English]. T. A. Fedotova, R. P. Kogan. Grud. khir. 1 no. 5 13-51 S-O '59.

"Functional morphology of cardiac disorders" by S. S. Vail'. Reviewed by L. D. Krymskii. Eksp. khir. i anest. 6 no. 5 60 S-O '61

Phonocardiographic method for diagnosing stenosis of the left atrioventricular orifice in atrial fibrillation and flutter. L. M. Fitileva. Grud. khir. 1 no. 5 31-36 S-O '59

Physiological justification for ligation of the internal mammary arteries in myocardiac ischemic disease [with summary in English]. K. N. Muratova, S. V. Tolova, L. S. Ulianinskii. Grud. khir. 2 no. 3 24-27 My-Je '60.

Prothrombin-forming function of the liver in congenital diseases of the heart [with summary in English]. N. G. Zernov. Grud. khir. 2 no. 3 3-8 My-Je '60

Some histochemical data on experimental streptococcal myocarditis. V. P. Lavrov. Zhur. mikrobiol., epid. i immun. 33 no. 1 120 Ja '62.

HEART—FOREIGN BODIES

Two cases of removal of a needle from the heart. Grud. khir. 1 no. 3 108-110 My-Je '59.

HEART—INFARCTION

Atypical forms of myocardial infarction. A. I. Zarubina. Vrach. delo no. 2 56-59 F '62

Atypical forms of myocardial infarct. M. I. Khurgin, L. A. Aizenberg. Kaz. med. zhur. no. 5 70 S-O '61

Blood cholesterol level and the incidence of myocardial infarction in certain cities of the U. S. S. R. [with summary in English]. G. A. Glezer, L. A. Miasnikov. Kardiologiia 1 no. 3 30-35 My-Je '61.

Condition of temporal arterial pressure in myocardial infarction [with summary in English]. V. D. Troshin. Terap. arkh. 34 no. 2 42-44 '62.

Multiple myocardial infarcts following surgery for mitral stenosis. E. N. Isakova. Vest. khir. no. 8 86-87 '61.

Pathogenesis of acute circulatory insufficiency in myocardial infarct. A. V. Vinogradov. Pat. fiziol. i eksp. terap. 6 no. 1 15-21 Ja-F '61.

Protracted course of miocardial infarction [with summary in English]. S. V. Shestakov. Kardiologiia 1 no. 3 10-18 My-Je '61

Role of psychic trauma in the pathogenesis of myocardiac infarct. V. IA. Levitin. Med. zhur. Uzb. no. 5 82-83 My '60

Treatment of collapse in myocardial infarct. V. N. Vinogradov, V. G. Popov, A. S. Smetnev. Terap. arkh. 34 no. 3 11-19 '62

Unilateral stasis in the lungs as a supplemental symptom of myocardial infarct. A. M. Korolev. Kaz. med. zhur. no. 5 70-71 S-O '61

HEART—MUSCLE

Biochemical changes in the cardiac muscle in thyrotoxicosis. P. M. Samoilov. Vop. med. khim. 7 no. 6 563-574 N-D '61

Change in the sorption properties of the cardiac muscle following adrenaline damage to the myocardium [with summary in English]. Z. I. Vedeneeva. Biul. eksp. biol. i med. 52 no. 7 33-39 Jl '61.

Effect of papaverine on some processes of carbohydrate-phosphorus metabolism in myocardial tissue [with summary in English]. E. P. Chetverikova. Vop. med. khim. 7 no. 4 372-380 Jl-Ag '61.

Effect of physical load on the distribution of glycogen and proteins in the heart muscle of white rats [with summary in English]. L. I. Muzykant. Biul. eksp. biol. i med. 53 no. 1 56-59 Ja '62.

Effect of some ferment poisons on the heart muscle at various temperatures [with summary in English]. I. Sabo, E. Vas, A. G. Gridneva. Biul. eksp. biol. i med. 52 no. 11 72-76 N '61.

Effect of X-ray therapy of malignant tumors on the heart muscle according to electrocardiographic data. A. I. Popova, T. E. Dubovaia-Golosarskaia. Kaz. med. zhur. no. 5 25-27 S-O '61

Influence of urea on the effects of nerve actions on the heart muscle [with summary in English]. A. A. Mazurok. Biul. eksp. biol. i med. 52 no. 7 15-17 Jl '61.

Oxygen absorption and phosphorylation in heart tissue homogenates in experimental aortic stenosis in the rabbit [with summary in English]. M. F. Vialykh. Vop. med. khim. 7 no. 6 625-628 N-D '61

Raising the resistance of hypoxemia of the central nervous system and the myocardium. E. V. Popova. Eksp. khir. i anest. 6 no. 5 42-43 S-O '61.

HEART—MUSCLE—DISEASES

Pathological anatomy of so-called idiopathic myocarditis. A. S. Zinov'ev, N. A. Zubov. Vrach. delo no. 2 113-114 F '62

HEART—RUPTURE

Three cardiac ruptures. A. M. Chanyl. Kaz. med. zhur. no. 5 61-63 S-O '61

HEART—SOUNDS

Change in the phonocardiogram of the fetus in labor during the coiling of the umbilical cord [with summary in English]. T. V. Cherviakova. Vop. okh. mat. i det. 7 no. 1 64-70 Ja '62.

Phonocardiographic method for diagnosing stenosis of the left atrioventricular orifice in atrial fibrillation and flutter. L. M. Fitileva. Grud. khir. 1 no. 5 31-36 S-O '59.

Practical use of the phonocardiographic method in sports medicine. R. D. Dibner. Teor. i prak. fiz. kul't. 25 no. 1 67-71 Ja '62

HEART—SURGERY

Born twice. V. Vasil'eva. Ogonek 10 no. 9 22 I '62

Combined induction anesthesia for patients with congenital heart defects treated under hypothermia [with summary in English]. T. M. Darbinian. Eksp. khir. i anest. 6 no. 5 14-22 S-O '61

Deep hypothermia in heart surgery [with summary in English]. S. A. Kolesnikov and others. Grud. khir. 3 no. 6 6-17 N-D '61

Fifteen hearts and one. M. TSentsiper. Ogonek 10 no. 14 12-15 Ap '62

"Materials on the surgical treatment of coronary heart disease" by Sh. G. Gordeniani. Reviewed by A. M. Andrianev. Grud. khir. 1 no. 4 122-123 Jl-Ag '59

Penetration of a gastric ulcer into the left cardiac ventricle. N. I. Timofeeva, B. A. Kromov. Grud. khir. 2 no. 3 100-102 My-Je '60

Probe enters the heart. I. A. Medvedev. Nauka i zhizn'. 29 no. 1 12-13 Ja '62

Resection and plastic surgery of the cardiac ventricle in an experiment. Report No. 2 [with summary in English]. N. P. Sinitsyn. Grud. khir. 1 no. 4 15-18 Jl-Ag '59

Surgical treatment of congenital heart defects [with summary in English]. P. A. Kupriianov and others. Vop. okh. mat. i det. 6 no. 12 11-17 D '61

Use of ganglion-blocking agents in surgery of the major blood vessels and of the heart [with summary in English]. N. A. Meshcheriakov, B. B. Ovnikov, IU. N. Shmidt. Grud. khir. 1 no. 4 44-50 Jl-Ag '59

HEART—TUBERCULOSIS

Clinical aspects of cardiac lesions in tuberculosis [with summary in English]. A. E. Rabukhin, Kh. I. Mil'chanskii. Terap. arkh. 34 no. 2 13-20 '62.

HEART—TUMORS

Clinical characteristics of cardiac myxomas. L. Z. Laucevičius. Kardiologiia 1 no. 3 81-83 My-Je '61

Diagnosis of heart tumors. N. P. Malyshkin. Terap. arkh. 34 no. 2 20-24 '62

HEART—VALVES

Rare form of a defective congenital tricuspid cardiac valve [with summary in English]. M. A. Shalovelo. Grud. khir. 1 no. 3 110-112 My-Je '59.

Surgical treatment of tricuspid stenosis [with summary in English]. S. A. Kolesnikov and others. Grud. khir. 1 no. 5 16-23 S-O '59.

HEART—VALVES—DISEASES

Significance of ballistocardiography in the surgical treatment of lesions of the valvular apparatus of the heart. K. A. Sergeeva. Grud. khir. 3 no. 6 32-37 N-D '61

HEART—VALVES—SURGERY

Surgical treatment of tricuspid stenosis [with summary in English]. S. K. Kolesnikov, A. D. Levant. Kardiologiia 1 no. 3 51-58 My-Je '61.

HEART—WOUNDS AND INJURIES

Heart wounds and their surgical treatment. V. V. Iolasev. Grud. khir. 1 no. 5 115-126 S-O '59.

Peacetime wounds of the heart [with summary in English]. A. P. Knokov, M. V. Murav'ev, A. N. Vasil'ev. Grud. khir. 1 no. 5 106-109 S-O '59.

Results of sixteen operations on heart wounds [with summary in English]. V. S. Karpuntchev. Grud. khir. 1 no. 5 103-106 S-O '59.

Wounds of the heart and of the pericardium. B. M. Gershman. Grud. khir. 2 no. 3 102-103 My-Je '60

HEART BEAT

Electrokymographic study of the contractile function of the myocardium in rheumatism. K. V. Chernetskii. Terap. arkh. 34 no. 2 47-51 '62.

Non-thermal action of microwaves on the rhythm of cardiac contractions in animals. Report No. 1. Studies of the action of uninterrupted microwaves [with summary in English]. A. S. Presman, N. A. Lovitina. Biul. eksp. biol. i med. 53 no. 1 41-44 Ja '62.

Non-thermal action of microwaves on the rhythm of cardiac contractions in animals. Report No. 2. Studies of the action of impulse microwaves [with summary in English]. A. S. Presman, N. A. Lovitina. Biul. eksp. biol. i med. 53 no. 2 39-43 F '62.

HEART BEAT (Continued)

Relation of the systolic index of the electrocardiogram to ballistocardiographic data characterizing the contractile function of the myocardium IA. I. Zolotnitskii Terap arkh 31 no 9 11-16 '62

HEART FAILURE

Treatment of refractory forms of cardiac insufficiency. R G Mezhibovskii, O A Guseva Klin med no 3 112-117 '62

HEAT—CONDUCTION

Applying Green's function to the solution of the problem of the heat conductivity of a rod K K Vasilevskii Inzh zhur 2 no 1 195-200 '62

Asymptotic nature of a certain problem with a free boundary for a heat-conduction equation I. V. Bocharova Dokl AN SSSR 143 no. 2:250-251 Mr '62.

Effect of the variability of the heat conductivity coefficient of the soil on the latter's temperature [with summary in English] V V Shapovalov Inzh -fiz zhur 5 no 1 64-71 Ja '62

Law governing the relation between excess temperatures of solids of finite dimensions [with summary in English]. G. P. Bolkov Inzh -fiz. zhur. 5 no. 3:107-109 Mr '62.

Method for the rapid determination of the coefficients of thermal diffusivity and heat conductivity of nonconducting materials [with summary in English]. V. I Smekalin Inzh -fiz. zhur. 5 no 1 99-101 Ja '62.

Methods for determining the heat conductivity coefficients of moist materials [with summary in English]. A. Alumäe. Izv. AN Est. SSR. Ser. fiz. -mat. i tekh. nauk 10 no. 2:150-157 '61.

Numerical solution of a heat-conductivity equation Sh E Mikeladze Trudy mat inst AN Gruz. SSR 27 167-170 '60

HEAT—CONVECTION

Convective processes in the evaporation of water from vertical cylindrical hollows [with summary in English] V. B Shein Inzh -fiz zhur. 5 no. 1 52-54 Ja '62

HEAT—PHYSIOLOGICAL EFFECT

Changes in the blood of dogs following prolonged high-temperature action V K. Guliat. Gig. truda i prof zab 5 no. 6 53 Je '61

Effect of dibasol and ascorbic acid on the heat resistance of rats trained to endure heat and hypoxia F. T. Agarkov Gig. truda i prof zab. 5 no. 6 53-54 Je '61

Experimental histological study of the changes in the epithelium of the stomach in prolonged regular recurrent thermal stimulation [with summary in English]. L. A. Shamai. Arkh. anat. gist. i embr. 41 no. 12 44-56 D '61.

Problem of excess heat in ferrous metallurgy. B. M. Zlobinskaia Gig. truda i prof. zab 4 no. 2 57-59 F '60.

Two cases of chronic occupational overheating. G. E. Rozenfeld Gig truda i prof zab. 4 no. 11 51-53 N '60.

HEAT—RADIATION AND ABSORPTION

Radiation thermal conductivity of completely ionized hydrogen plasma [with summary in English] T. D. Kuznetsova, D A Frank-Kamenetskii. Astron. zhur. 39 no 2:247-255 Mr-Ap '62.

HEAT—TRANSMISSION

Concerning certain errors in P. Shneider's book "Engineering problems in thermal conductivity." V. K. Shcherbakov Izv. vys. ucheb. zav. ,energ 5 no. 2: 114-115 F '62

Determining the coefficient of heat transfer from the wall to the boiling molasses waste. S. M. Konstantinov. Spirt. prom. 28 no. 2,37-40 '62.

Effect of the initial hydrodynamic stabilization sector on heat transfer from a plate placed in a longitudinal flow [with summary in English]. A. I. Chapilna. Inzh. -fiz. zhur. 5 no. 3:21-26 Mr '62.

Evaluation of different grain-type materials in the light of their thermophysical properties. D. F. Tolkachev. Trudy Kuzn. fil AN SSSR. Ser. energ. i vod. khoz. no. 2: 101-108 '61.

Free-molecular heat transport near a wall [with summary in English] A. K. Rebrov. Inzh. -fiz. zhur. 5 no. 1 111-114 Ja '62.

Gas dynamics and heat transfer in a coarse-grained fluidized bed [with summary in English]. D. IA. Mazurov. Inzh -fiz. zhur. 5 no 1:13-20 Ja '62.

Heat exchange in the turbulent boundary layer of a compressible gas IU. A Koshmarov. Inzh. zhur. 2 no 1 41-54 '62

Heat transfer in an annular channel under conditions of turbulent flow [with summary in English]. L. I. Roizen. Inzh. -fiz. zhur. 5 no. 1:42-51 Ja '62.

Heat transfer from a plate and from the front end of a cylinder placed within a laminar boundary layer of an incompressible fluid in a wide range of Prandtl numbers [with summary in English]. A. A. Andreevskii, E. D. Fedorovich Inzh -fiz. zhur 5 no. 1:95-97 Ja '62.

History of the science of heat and mass transfer; John Dalton's works. L. S. Kliachko, T. P. Zhorovovich. Inzh. -fiz. zhur. 5 no. 3:132-133 Mr '62.

International journal "Teplo- i Massoperenos." I. T. El'perin. Inzh. -fiz. zhur. 5 no. 3:137-139 Mr '62.

Investigating heat transfer from a cylinder in a rarefied gas flow M. N Izakov, S. P. Perov Izv AN SSSR Otd tekh. nauk Mekh. i mashinostr no. 1,42-51 Ja-F '62.

Problems concerning the study of heat exchange between particles in a filling-in process S. S. Kutateladze, N. I. Syromiatnikov Izv vys. ucheb zav ,energ 5 no 2 67-72 F '62.

Study of convective heat exchange in a two-phase "combinational layer" type flow at temperatures not exceeding 300° D. F Tolkachev Trudy Kazan. fil AN SSSR Ser. energ. i vod khoz no 2,75-100 '61

Studying the temperature conditions of a pipe coil with rising and falling motion of the steam-water mixture L. IU Krasiakova Energomashinostroenie 8 no 1 28-32 Ja '62

Use of electrical simulation for determinig the temperature field of an internal combustion engine L. A. Kozdoba V. S. Semenov Izv vys. ucheb zav ,energ 5 no. 2:79-84 F '62.

HEAT CONTENT see Enthalpy

HEAT ENGINEERING

Heat engineering control of marine internal combustion engines A. Aleksandrov Rech transp 21 no 2:29-30 F '62

Leontal', G. B., and L. A. Melent'ev, eds. [Technical and economic principles of the expansion of heat supply engineering in power systems] Tekhniko-ekonomicheskie osnovy razvitiia teplofikatsii v energosistemakh. Moskva, Gos. energ. izd-vo, 1961. 318 p

HEAT ENGINEERING—ELECTROMECHANICAL ANALOGIES

Use of electric models for the solution of heat-engineering problems. L. A Kozdoba. Inzh -fiz. zhur 5 no 3 118-131 Mr '62.

HEAT EXCHANGERS

Balandin, IU. F., and V. G. Markov. [Structural materials for power plants with liquid metal heat exchangers] Konstruktsionnye materialy dlia ustanovok s zhidkometallicheskimi teplonositeliami. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1961. 205 p.

Determination of control features of counter-current heat exchanging apparatus. B. N Deviatov, IU. N. Kornev Avtom. kont. i elek. izm. no 2 137-148 '60.

Heat exchanger made of paired pipes for gas-turbine units. IU. M. Dedusenko. Sbor. trud. Lab. gidr. mash. no. 9 113-123 '61.

Relation between the mixers and the heat exchange in a reactor with welded semitubes B. I. Livshits, V. O. Fogel' Iakokras mat. i ikh prim. no 5:70-74 '61

Study of convective heat exchange in a two-phase "combinational layer" type flow at temperatures not exceeding 300°. D. F. Tolkachev. Trudy Kazan. fil AN SSSR Ser. energ. i vod. khoz no 2:75-100 '61.

HEAT IN ANIMALS see Estrus

HEAT OF COMBUSTION

Heat of combustion of polypropylene of various structure [with summary in English]. E. Z Fainberg and others Vysokom. soed. 4 no. 3,463-467 Mr '62.

HEAT OF DECOMPOSITION

Kinetics of thermal decomposition of pyroxylin G B Manelis and others Kin i kat 3 no 1 42-48 '62.

HEAT OF FORMATION

Heat of formation of sodium selenate decahydrate N. M. Selivanova, T A Sazykina Zhur neorg khim 7 no 3 536-539 Mr '62

HEAT OF MIXING

Heat of mixing liquids Part 3 Heat of mixing for ternary systems Experimental study of heats of mixing in the ternary system n-propyl alcohol - n-propyl acetate - water [with summary in English]. V. P. Belousov, A. G Morachevskii, A. V. Storonkin. Vest LGU 17 no. 4 96-105 '62.

HEAT OF SOLUTION

Thermochemical characteristics of cadmium nitrate complexes in aqueous solution V. P. Vasil'ev Zhur neorg khim 7 no 3,555-561 Mr '62

HEAT OF VAPORIZATION

Temperature dependence of the heat of vaporization and surface tension of liquids. S. S. Bagdasarian Dokl AN Azerb. SSR 17 no. 9:773-777 '61.

HEAT PUMPS

Power engineering efficiency of using heat pumps in heat regeneration systems. V. E. TSelebrovskii Stal' 22 no 3 203-205 Mr '62

HEAT RESISTANT STEEL see Steel, Heat resistant

HEAT-TREATING FURNACES see Furnaces, Heat-treating

HEATHER

Structure of the embryo and the germ in the subfamily Andromedoideae (Drude) E. Busch [with summary in English]. N. V. Shilova. Bot. zhur. 47 no. 3 341-353 Mr '62.

HEATING—EQUIPMENT AND SUPPLIES

Liquid fuel fires the stove V Konikov, R Oktiabr'skii Starsh -serzh no 12 33 D '61

HEATING FROM CENTRAL STATIONS

Comparing the economic advantages of compressed air and steam transmission. B V. Sazanov, A S. Bogorodskii. Prom. energ. 17 no. 2 28-33 F '62.

Plaude, Karlis, and Viktors Grislis. [Automatic control of the customer inlet systems in buildings with heating supplied from central stations] Avtomatizatsiia abonentskikh vvodov teplofitsirovannykh zdanii. Riga, Izd-vo Akad. nauk Latviiskoi SSR, 1961 29 p.

HEAVY ELECTRONS see Mesons

HEBREWS see Jews

HEEL BONE—DISEASES

Calcanean spurs M I Levin Fel'd i akush 27 no. 2 22-26 F '62

HELICOPTERS

Using a helicopter to replace the antenna of a telecommunication tower K. Gvozd, M. Levchnko Prom. stroi i inzh soor 3 no 2 52-53 Mr-Ap '61

HELICOPTERS—MAINTENANCE AND REPAIR

A strong wind and the mooring of a helicopter A. Ustenko Vest Vozd Fl no 12 61-63 D '61.

HELICOPTERS—PILOTING

In a helicopter under difficult conditions. V. Vinogradov. Av i kosm. 44 no 2 49-51 '62.

HELICOPTERS—TAKE-OFF

From the take-off deck of a ship B. Fedorovskii. Av i kosm. 44 no. 3 50-52 '62.

HELIOTROPE (PLANT)—TOXICOLOGY

State of the nervous system in heliotropic hepatitis [with summary in French]. E. N Kutchar. Zhur nevr i psikh 62 no 3 380-383 '62

HELIPORTS

Runway on the snow IU. Krupnov Voen vest. 41 no 12 92 D '61

HELIUM

Budagov, IU. A., and others. [Interaction of 153 Mev. negative π-mesons and helium] Vzaimodeistvie otritsatel'nykh π-mezonov s geliem pri energii 153 Mev. Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 32 p. [With summary in English]

HELIUM—PHYSIOLOGICAL EFFECT

Possible development of the animal organism in case of nitrogen substitution by helium V V. Boriskin and others. Dokl AN SSSR 143 no 2:475-478 Mr '62

HELSINKI—YOUTH—CONGRESSES

Suomi, the land of the festival Vokrug sveta no 3 50-51 Mr '62

HEMAGGLUTININ

Hemagglutinins of Japanese and tick-borne encephalitis in sheep embryo kidney culture [with summary in English]. S. IA. Gaidamovich, S. M. Tuang, N G. Titova. Vop. virus. 7 no 1 43-49 Ja-F '62

HEMATOMA

Chronic subdural hematomas Z. S Sosonkin, V. M Mikhlin Vop neirokhir no 2 49-53 '62

Diagnosis of retroperitoneal hematomas in children following severe injuries Kaz med zhur. no. 5:42-46 S-O '61.

Differential diagnosis of traumatic Retroperitoneal hematomas. V. S. Vernik. Vest khir no 9:108-112 '61.

X-ray diagnosis of a chronic subdural hematoma. L. I. Epshtein Vest. rent. i rad 37 no. 1:68-69 Ja-F '62

HEMIPTERA

Some new Hemiptera and Psocoptera. E E. Bekker-Migdisova. Paleont zhur. no. 1 89-104 '62.

Systematic position and study of Jurassic representatives of water Hemiptera of the Karataviella genus. IU. A. Popov. Paleont. zhur. no. 1 105-110 '62

HEMOPHILIA

Clinical aspects of hemorrhagic diathesis during treatment with anticoagulants S. B. Khanina Klin med no. 3: 116-118 '62.

HEMOPHILUS

Serological analysis of a defense antigen obtained from B. pertussis by the method of ether-water extraction [with summary in English]. I. A. Lapaeva. Zhur. mikrobiol. epid. i immun. 33 no. 1:103-109 Ja '62.

HEMOPOIETIC SYSTEM

Amount of blood and hemoglobin and some characteristics of hemopoiesis in newborn kittens L. I. Izrhak Dokl AN SSSR 143 no. 2:483-486 Mr '62.

Characteristics of the restoration of hemopoiesis in chick embryos following external γ-irradiation [with summary in English]. A. V. Bursian Biul. eksp biol i med. 52 no. 7:110-114 Jl '61.

Cytochemical study of hematopoietic elements in radiation injury. E. L. Terent'eva and others. Probl. gemat. i perel krovi no. 3:47-52 '62.

HEMOPOIETIC SYSTEM (Continued)

Effect of X irradiation of pregnant animals on changes in the peripheral blood of the offspring N I Nuzhdin, N N Kuznetsova, L. K. Ramaiia Dokl AN SSSR 143 no 3 717-720 Mr '62

Influence of the nervous system on the medullary hematopoiesis [with summary in English] M R Rakhmatova, Biul eksp biol i med, 52 no 7:45-48 Jl '61

Mechanism of changes in hematopoiesis in thermal burns [with summary in English] V. S Barkaia Pat fiziol i eksp terap 6 no 1 37-43 Ja-F '62.

Rakhmatov, B. [Some aspects of hemopoiesis] Nekotorye voprosy krovetvorenita. Stalinabad, Tadzhikgosizdat, 1960 142 p.
(DNLM)

HEMORRHAGE

Effect of general cooling and hibernation on the restoration of vital functions in animals subjected to clinical death from acute hemorrhage [with summary in English] V. I. Soboleva. Pat fiziol i eksp terap 6 no. 1: 28-33 Ja-F '62

Perforation of peptic ulcer in association with hemorrhage, E. A. Gropianov, N. B. Sitkovskii. Vrach delo no. 8 124-125 Ag '61.

Surgical treatment of pulmonary hemorrhages of non-tuberculous etiology IU M. Gerusov. Grud khir 3 no 6 114-117 N-D '61

Treatment of radiation sickness complicated by acute hemorrhage, M. A. Movsesian Vop radiobiol. [AN Arm SSR] 1:177-180 '60

HEMORRHAGE, UTERINE

Arrest of early postpartum hemorrhages by ligations on the cervical wall of the uterus M. G. Voevodina Kaz med zhur no 5,65-66 S-O '61

Juvenile hemorrhages [with summary in English]. G M. Leshchiniuk. Vop. okh. mat. i det. 7 no.2 62-67 F '62

HEMORRHAGIC DISEASES

"Clinical aspects of infectious hemorrhagic diseases and fevers" by E. A. Gal'perin. Reviewed by M. A. Zeitlenok. Kaz. med. zhur. no. 1:92-93 Ja-F '62.

HEMORRHAGIC FEVER
(see also subdivision under Bulgaria)

"Clinical aspects of infectious hemorrhagic diseases and fevers" by E. A. Gal'perin. Reviewed by M. A. Zeitlenok. Kaz. med. zhur. no. 1 92-93 Ja-F '62.

Ugriumov, B. L. [Clinical aspects of hemorrhagic fevers] Klinika gemorragicheskikh likhoradok. Kiev, Gos. med. izd-vo USSR, 1961. 98 p. (Biblioteka prakticheskogo vracha)
(DNLM)

HEMP

Artificial retting of hemp stalks and bast with electrode heating of the retting liquor L. I. Kabanov. Tekst prom. 22 no 3 40-42 Mr '62.

HEMP—DRYING

Mechanism of the drying of fibrous stalk bast materials. N. D Khomutskii. Izv. vys. ucheb. zav., tekh. tekst. prom. no. 1 50-59 '62.

HEMP INDUSTRY

Speed-up the construction of retting shops in hemp factories. P. L. Kul'baka, V. N. Rudnikov. Tekst prom. 22 no 2:18-20 F '62.

HEPARIN

Heparin in the blood and the clearing factor in atherosclerosis [with summary in English]. B. M. Lipovetskii. Terap. arkh. 34 no. 3 48-52 '62.

Influence of hyaluronidase inhibitors on diuresis [with summary in English] A. G. Ginetsinskii, V. F. Vasil'eva. Biul eksp. biol i med. 52 no. 7:3-5 Jl '61.

Interrelation of heparin and tissue antihyaluronidase in the blood serum of patients with mitral stenosis of rheumatic etiology [with summary in English]. E. P Stepanian, S. A. Kolesnikov. Grud. khir. 2 no. 1:37-43 Ja-F '60.

HEPATITIS, INFECTIOUS

Apropos of N B Sarukhanov's article, "Parenteral hepatitis" (Zhurnal mikrobiologii, epidemiologii i immunobiologii, 1960, No 6) S S. Spatarenko. Zhur mikrobiol , epid. i immun 33 no. 2.135 F '62

Autoantibodies detected in the blood in epidemic hepatitis (Botkin's disease) [with summary in English]. S. O. Avsarkisian. Zhur. mikrobiol., epid. i immun. 33 no. 1:31-34 Ja '62.

"Botkin's disease" by R. R. Sokolova. Reviewed by N. A. Kosarikhina. Fel'd i akush. 27 no. 2,63 F '62

"Botkin's disease (epidemic hepatitis)." Reviewed by S. E. Shapiro, S. M. Goloveshko Zhur. mikrobiol , epid. i immun. 33 no. 2:145-147 F '62.

Clinical significance of properdin in epidemic hepatitis in children. A. P. Slepisov, S. D. IAkovleva Pediatriia no. 2,50-55 '62.

Controversial problems in the epidemiology of infectious hepatitis. M. M. Sheinbergas. Vest. AMN SSSR 17 no. 2:32-41 '62.

Diagnostic value of determining the transaminase activity in Botkin's disease in children. V. I. Osipova. Pediatriia no. 2:56-60 '62.

Epidemic hepatitis. S. D. Nosov. Sov. kras. kr est 11 no 4 20 Jl-Ag '61

Functional state of the adrenal cortex in Botkin's disease L. M Petrenluk Klin. med. no 3 54-58 '62

Laboratory diagnosis of Botkin's disease. I P Gromn and others Klin med no 3 66-68 '62.

Letter to the editor concerning G. P. Stepanov's article, "Sterilization of Francke's needles by heating for the purpose of preventing viral hepatitis." S. N. Fel'dman and others Zhur. mikrobiol , epid. i immun. 33 no 1 158-159 Ja '62.

Secretion of 17-ketosteroids in chronic hepatitis, cirrhosis of the liver, Botkin's disease. I. G. Daniliak. Kaz. med. zhur. no. 1 29-30 Ja-F '62.

Use of ACTH and glycocorticoids in epidemic hepatitis (Botkin's disease) [with summary in English] V. A Bydrin. Klin. med. no 3 59-66 '62.

Use of acrichine in treating lambliasis of the biliary tracts associated with Botkin's disease. E. D. Polumordvinova. Sov med 25 no 2 130-132 F '62.

Use of cortisone in compound treatment of epidemic hepatitis [with summary in English]. I. S. Suk. Vrach. delo no. 2 107-111 F '62.

Ways of studying infectious hepatitis. L. L. Bogdanov Vest AMN SSSR 17 no 2:23-32 '62.

HERACLITUS, OF EPHESUS

Great philosopher of antiquity. V. Kolobkov. Voiov. ateist no 11,46-48 N '61.

HERBICIDES

Action of herbicides on soil microflora [with summary in English]. S M Mashtakov and others Mikrobiologiia 31 no. 1 85-89 Ja-F '62.

Chemical control of weeds on farm crop fields. A. N. Moiseev. Trudy KirgNIIZ no. 3;102-107 '60

Destroying brush on farmlands. G. P. Sannikov. Zemledelie 24 no. 2:33-41 F '62.

Granulated herbicides and their use A V Khotianovich, G. P. Sannikov. Les khoz. 15 no 1 43-44 Ja '62.

Green enemy. S. Novikov Nauka i zhizn' 29 no 2 55-59 F '62

Mobility of grass herbicides in soils in the presence of the action of precipitation. K O. Makovetskyi Dop UASHN 3 no. 2 25-28 Mr-Ap '60

Studying the physiology of growth promoting substances of plants and herbicides. S. M. Mashtakov. Biul. inst. biol. AN BSSR no. 6:161-160 '61.

Using airplanes for the application of simazine and atrazine for weed control in corn plantings. S. P. Gorbunova. Zemledelie 24 no. 2,58-62 F '62.

HEREDITY

Change of heredity in winter barley when planted in spring. I. K. Kotko Agrobiologiia no. 1:142-144 Ja-F '62.

Effect of temporary increase of the environmental temperature of the forked mutations of Drosophila melanogaster on the characters of the offspring. P. G Svetlov, G. F. Korsakova. Dokl AN SSSR 143 no 4:961-964 Ap '62.

Interaction of ethylenimine with gene proteins and hereditary variation [with summary in English]. I. A. Rapoport. Biul. MOIP, Otd. biol. 67 no. 1:90-114 Ja-F '62.

HERMAPHRODITISM

Case of congenital adrenogenital syndrome in a 7-month-old child. G. V. Khorunzhii. Vop. okh. mat. i det. 7 no. 2:90-91 F '62.

HERNIA

Clinical aspects and treatment of strangulated abdominal hernia. A. I. Baryshnikov Fel'd. i akush. 27 no. 1: 29-30 Ja '62.

Combined right strangulated inguinal hernia and volvulus of the sigmoid intestine. N. I. Pushkarev. Kaz med. zhur. no. 5:72-73 S-O '61

New method of reinforcing the anterior wall of the inguinal canal in herniotomy. N. I. Tret'iakov. Vest. khir. no. 3:111-112 '62.

HEROES IN LITERATURE

Bushin, V. S. [Discussion on the hero] Spor o geroe. Moskva, Izd-vo "Znanie," 1962. 29 p. (Novoe v zhizni, nauke, tekhnike. Serila 6: Literatura i iskusstvo, no. 2)

HERONS—PARASITES see Parasites—Herons

HERPES ZOSTER

Case of combined herpes zoster and chicken pox. IU. IA. Ashmarin, M. V. Orlova Klin. med. no. 3:143-146 '62.

HERRING see subdivision under Aniva Gulf; Aral Sea; Barents Sea; White Sea

HERRING, CANNED see subdivision under Riga

HERRING FISHERIES see subdivision under Bering Sea; North Sea

HERTZEN, ALEKSANDR IVANOVICH, 1812-1870

A. I. Hertzen. F. Golovenchenko. V mire knig 2 no. 3: 36-38 Mr '62.

A. I. Hertzen and the revolutionary groups before the organization of the first "Land and Liberty" clandestine society [with summary in English, 220-221]. IA. I. Linkov. Vop. ist. no. 4:80-97 Ap '62.

A. I. Hertzen's unpublished study. I. Pliushkina. Novyi mir 38 no. 3 231-238 Mr. '62.

Aleksandr Hertzen Mark Poliakov. Sov. soiuz no. 4 '62.

Alive among the living. N Shimanov. Sov. voin 44 no. 7:29 Ap '62.

Echo of the time V Lidin Ogonek 40 no. 14 10-11 Ap '62

The great democrat and revolutionary. N Shakhnovskaia. Sov shakht. 11 no. 4:4-5 Ap '62

Great measure of poetry Nikolai Aseev. Ogonek 40 no 14 9 Ap '62.

Great son of the Russian people. N IUrchuk. Komm Ukr. 37 no 3 84-88 Mr '62.

Hertzen Viktor Shklovskii Ogonek 40 no 14 8 Ap '62

In the circle of Ixion Mark Poliakov. Ogonek 40 no. 14 10-11 Ap '62.

Legacy of a great writer. V. Putintsev. Rus. iaz. v shkole 23 no. 2:30-35 Mr-Ap '62.

Under V. I Lenin's chairmanship. K. Bogdanova. Ogonek 40 no. 14 9 Ap '62

HERTZEN, ALEKSANDR IVANOVICH, 1812-1870—BIBLIOGRAPHY see Bibliography—Hertzen, Aleksandr Ivanovich, 1812-1870

HETEROCYCLIC COMPOUNDS

Condensation of ethoxymethylenemalonic ester with quaternary salts of heterocyclic bases containing an active methyl group, new method of synthesizing carbocyanine dyes unsaturated in their polymethine chain N. N. Sveshnikov, N. S. Stokovskaia. Zhur. VKHO 7 no 1. 111-112 '62.

HETEROSIS

Akademiia navuk BSSR, Minsk, Institut biialogii. [Heterosis; theory and methods for practical application] Geterozis; teoriia i metody prakticheskogo ispol'zovaniia. Pod red. N. V. Turbina. Minsk, Izd-vo Akad. nauk BSSR, 1961. 204 p.
(DA)

HEXAMETHYLENETETRAMINE—PHYSIOLOGICAL EFFECT

Case of toxicoderma mitis caused by urotropine in the treatment of trichomonal colpitis. M. K. Mamikon Fel'd i akush 27 no 1 53-54 Ja '62

HEXANEDIAMINE

N-arylsulfonylethylene- and hexamethylenediamines. A. V. Kirsanov, N. A. Kirsanova. Zhur. ob. khim. 32 no. 3:867-802 Mr '62.

Synthesis of diquaternary salts of N, N'-derivatives of hexamethylenediamine. Part 2: Synthesis of new dichlorides of hexamethylene-1, 6-bis-dimethylamine-alkyl acetates. V. P. Doniienko, A. I. Lopushanskii. Zhur. ob. khim 32 no 3:731-735 Mr '62.

HEXENE

Selectivity and stereospecificity in reactions of n-hexene hydrogenation on a skeletal nickel catalyst. L. Kh Freidlin and others Dokl. AN SSSR 143 no. 4 883 886 Ap '62.

HEXONIUM

Use of hexonium in the treatment of gastric ulcer A P. Okishev, L. S. Dmitrienko. Vrach. delo no. 8:14-20 Ag '61.

HEXYNE

Synthesis and conversions of substituted vinyl ethers. Part 12: Vinylation and alkyl thiols by tert-butylacetylene. M. F. Shostakovskii and others Zhur. ob. khim. 32 no. 3:709-714 Mr '62.

HIBERNATION

Influence of hibernation on the development of experimental tumors in axolika and gerbils [with summary in English]. Z. IA. Belogrudova. Biul. eksp. biol. i med 52 no. 7:90-93 Jl '61.

HIBERNATION, ARTIFICIAL see Artificial hibernation

HIDES AND SKINS

Vinogradov, A. P., E. A. Kedrin, and B. F. TSerovitinov. [Leather goods, shoes, furs and pelts] Kozhevenno-obuvnye, pushno-mekhovye i ovchinno-shubnye tovary. Pod red. N. A. Arkhangel'skogo. Moskva, Gos. izd-vo torg. lit-ry, 1962. 536 p. (Tovarovedenie promyshlennykh tovarov)

Ways of improving the quality of leather manufactured from imported goat skins. M. IA. Rabinovich. Kozh.-obuv. prom. 4 no. 1:36 Ja '62.

HIGH MOLECULAR WEIGHT COMPOUNDS see Macromolecular compounds

HIGH-SPEED RADIOGRAPHY see Radiography, High-speed

HIGH TEMPERATURE METALLURGY see Metals at high temperatures

HIGHER EDUCATION see Education, Higher

HIGHER PLANE CURVES see Curves, Plane

HIGHWAY TRANSPORT WORKERS
(see also subdivision under Ukraine)
Let us work and live as Communists should. P. I. Kladnev Avt. dor 25 no 3,3 Mr '62

HILBERT SPACE
Lie's model. F. A Berezin. Dokl AN SSSR 143 no. 4: 811-814 Ap '62

HINDI LANGUAGE—STUDY AND TEACHING see subdivision under Tashkent

HINDI LITERATURE—HISTORY AND CRITICISM
"Outline history of Hindi literature" by S. Chauhan. Reviewed by IU. Mnalov. Vop. lit. 6 no.1:236-237 Ja '62.

HIP JOINT—DISLOCATION
Pathological central hip dislocation. S. I. Likhoded. Ortop., travm i protez. no 2 57-60 '62.
Technic for setting a dislocated hip in injuries of the knee joint of the same extremity. L.S.Konson. Ortop., travm i protez. no 2 60-61 '62
Treatment of congenital hip dislocation Al Radulescu, A. Voinia. Ortop., travm i protez. no. 2 3-5 '62.
Treatment of old dislocations of the hip joint by Schanz's operation with modifications by B I Berlinet. A Abdugafurov. Med zhur. Uzb. no 1 63-67 Ja '62

HISTAMINE
Glycemic reactions to adrenaline, insulin and histamine in plague intoxication [with summary in English]. A. G. Kratinov, N. M. Khai'kova Vop med. khim. 7 no 3 277-285 My-Je '61

HISTOLOGY
Some problems in evolutionary histology) on the 75th birthday of A.A. Zavarzin [with summary in English]. S. I. Shcheglanov Arkh. anat. gist. i embr. 41 no.12 3-17 D '61.
Work of the Histology and Embryology Section of the Moscow Naturalists' Society in the second half of 1960. Biul. MOIP. Otd. biol. 67 no. 1.148-149 Ja-F '62.

HISTOLOGY, PATHOLOGICAL
Markulov, G. A. [Course in pathohistological technique] Kurs patologogistologicheskoi tekhniki. 4. izd. [Leningrad] Medgiz, 1961. 339 p.
(DNLM)

HISTORICAL MATERIALISM see Dialectical materialism

HISTORICAL MUSEUMS see subdivision under Daghestan; Tashkent, Torchin

HISTORICAL RESEARCH
(see also subdivision under Kazakhstan, Kiev; Latvia; Moldavia, White Russia)
Collective work of the students of world history. G. S. Kucherenko and others. Vop. ist. no. 4.162-170 Ap '62.
Historical research. Nov. i noveish. ist. no. 6:167-170 '61.
Ideological education of our people and the tasks of Soviet historiography. V. Strel'skii. Komm Ukr 37 no. 3: 11-19 Mr '62
Some results of the work of the institutions of the Department of Historical Sciences of the Academy of Sciences of the U. S. S. R in 1961. IU. V. Bromlei. Vop. ist. no 4:115-127 Ap '62.
Toward new creative achievements, comrades! Ist. SSSR 6 no. 1:3-15 Ja-F '62.
We should intensify our struggle against bourgeois historiography, work of the Section of Feudalism of the Institute of History of the Academy of Sciences of the U. S. S. R. L. V. Cherepnin. Ist. SSSR 6 no 1.200-208 Ja-F '62.

HISTORY
Brief notes. Vop. ist. no. 4:209-210 Ap '62.

HISTORY—BIBLIOGRAPHY see Bibliography—History

HISTORY—CURIOSA AND MISCELLANY
Little about many things. Znan. sila 37 no. 2:43 F '62.
News of the past. Vokrug. sveta no 3 58-59 Mr '62.

HISTORY—PERIODICALS
"Past and present," and English periodical. B. A. Kamenetskii. Vop. ist. no. 4:184-186 Ap '62.

HISTORY—SOURCES
Special problems in lecturing on the "Sources of modern and recent history." V. A. Dunaevskii. Nov. i noveish. ist. no. 6:122-124 '61.

HISTORY—STUDY AND TEACHING
Bushchik, L. P. [Outline of the development of the teaching of history in U. S. S. R. schools] Ocherk razvitiia shkol'nogo istoricheskogo obrazovaniia v SSSR. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1961. 536 p.
Course of lectures on the history of the CPSU. N. I Matiushkin, A. I. Mirovitskii. Vest. vys shkoly 20 no. 2-66-94 F '62.
Khvostov, V. M., ed. [Methods manual on modern history for the ninth grade] Metodicheskoe posobie po noveishei istorii dlia 9-go klassa [By] A. P. Avor'lanov i dr. Izd. 3., Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 291 p.
The 22d Congress of the CPSU and the tasks of the departments in the development of research on the history of the CPSU P N Pospelov Vest vys shkoly 20 no 2 35-41 F '62

HISTORY, ANCIENT—BIBLIOGRAPHY see Bibliography—History, Ancient

HISTORY, MODERN
Diplomatic history of the 20th century in the interpretation of an American historian K. B Vinogradov Vop ist no. 4 195-197 Ap '62
How foreign historians present the Bosnian crisis. K. B. Vinogradov. Nov. i noveish ist. no. 6 125-135 '61.
"International relations in the late 19th century" by F A Rotshtein. Reviewed by N. P Poletika Nov. i noveish ist. no. 6 139-141 '61.
IUrovskaia, E. E. [A reader on modern history, 1870-1917] Praktikum po novoi istorii, 1870-1917 Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 369 p
[Modern history, 1918-1939] Novitnia istorlia, 1918-1939. Za red. V. A. Tarasenka. [Kyiv] Vyd-vo Kyivs'kcho univ.
Vol 1, 1960.
(NNC)
[A reader on recent history in three volumes] Khrestomatiia po noveishei istorii v trekh tomakh. Moskva, Izd-vo sotsial'no-ekon. lit-ry.
Vol. 3, 1945-1961
Pt. 1. [Documents and source materials] Dokumenty i materialy. 1961. 798 p.

HISTORY, MODERN—BIBLIOGRAPHY see Bibliography—History, Modern

HISTORY, MODERN—STUDY AND TEACHING
Basic problems concerning the study of modern history [with summary in English, p. 174]. B. F. Porshnev. Nov. i noveish. ist. no. 6 30-44 '61

HLIBOV, LEONID IVANOVYCH, 1827-1893
A fabulist who loved people. S. Martseniuk Volov. ateist no. 3:54 Mr '62.

HOCKEY
Chumakov, P. A., ed. [Hockey] Khokkei. Moskva, Izd-vo "Fizkul'tura i sport," 1961. 157 p
Mel'nikov, IU. P. [Hockey in the U. S. S. R] Khokkei v SSSR. Leningrad, Ob-vo po rasprostraneniiu polit. i nauch. znanii RSFSR, 1961. 46 p.

HODGKIN'S DISEASE
Lymphogranulomatosis of the spleen in a child. G. I. Stepanova. Vest. khir. no. 8:94-95 '61.
Primary isolated lymphogranulomatosis of the gastrointestinal tract. P. A. Kozlovskii, V. I. Kosmachev. Khirurgiia no. 3 84-88 '62.
Tumor-like form of lymphogranulomatosis. S. D. Lebanov. Zdrav. Kazakh. 21 no. 12 53-55 '61.

HOFSTADTER, ROBERT, 1915-
Structure of a nucleon, experiments of Robert Hofstadter. IA. A. Smorodinskii. Priroda 51 no. 3:101-103 Mr '62.

HOISTING MACHINERY
Automatically controlled hoisting machine operations. A. G. Kononenko. Ogneupory 27 no 3:146-147 '62.
Control panel of the PUM hoisting machine. Shakht stroi. 6 no. 3:3 of cover Mr '62.
Khlusov, A. E. [Load-lifting and conveying equipment for plants manufacturing construction elements] Gruzopod"emnoe i transportnoe oborudovanie zavodov sbornykh detalei. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 356 p.
Krasnikov, V. V. [Hoisting and conveying equipment in agriculture] Pod"emno-transportnye mashiny v sel'skom khoziaistve. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1962. 430 p.

HOISTING MACHINERY—TECHNOLOGICAL INNOVATIONS
Mechanization of hoisting and conveying in assembling operations. A. B. Drannikov. Mashinostroitel' no 3: 17-20 Mr '62

HÖLDERLIN, FRIEDRICH, 1770-1843
Friedrich Holderlin. N. Berkovskii. Vop. lit. 6 no. 1: 130-164 Ja '62.

HOME ACCIDENTS—PREVENTION
Prevention of home accidents. R. M. Nurmukhamedov Med. zhur. Uzb. no. 1:67-69 Ja '62.

HOME AND SCHOOL
(see also subdivision under Moscow; Saratov Province)
Bondarevskaia, T. N. [Pedagogical tact] Pedagogicheskii takt. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 76 p.
Fathers came to a kindergarten. L. A. IAkovleva Doshk. vosp. 35 no. 3 86-87 Mr '62.
Kolia's father T Gorskaia Doshk. vosp. 35 no. 3 90-92 Mr '62.
This is important in working with a family. A. P. Drugova. Doshk. vosp 35 no. 3:83-86 Mr '62.
Work with parents. Nach. shkola 30 no 4 95 Ap '62.

HOME ECONOMICS
For you, women! V mire knig 2 no 3:47-48 Mr '62
We advise Nauka i zhizn' 29 no 1 85 Ja '62.

HOME NURSING
Berliand, A. S., and G. F. Popova. [Care of the sick at home, for study circles on the care of the sick at home Translated by V. Gutauskas] Ligoniu slaugymas namie; skiriama besimokantiems ligoniu slaugymo namie rateliuose Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 112 p. [In Lithuanian]
Experience gained in organizing the "hospital at home" N P. Zorina Zdrav Ros. Feder 6 no 2 33-35 F '62

HOMEOPATHY
Slutskin, N. I. [Physiological mechanism of the action of medicaments on the "similarity principles" (similia similibus curentur) in the light of the biological interference theory; scientific concept of "the natural physiological measure to fight a disease" as adopted by homeopathy] Fiziologicheskii mekhanizm deistvila lekarstvennykh veshchestv po "printsipy podobiia" (Similia similibus curentur) v svete teorii biologicheskoi interferentsii, "O prirodnoi fiziologicheskoi mere protiv bolezni," ispol'zuemoi gomeopatiei (nauchnaia kontseptsiia). Pod red. V. I. Rybaka. Moskva, TSentr gomeopaticheskaia poliklinika Mosobizdravotdela, 1961 12 p
(DNLM)

HOMOLOGY THEORY
Equivalence of cohomology theories. M M Postnikov. Trudy Mat. inst. 64:165-172 '61.

HOMOPTERA
Food forms of Eulecanium franconicum (Lndgr.) (Homoptera, Coccoidea) [with summary in English] E. M. Dantsig Ent. oboz 40 no 3:571-576 '61

HOMOSTEROIDS
Synthesis of some D-homosteroids V. M. Rzheznikov, S N Ananchenko, I V Torgov Izv. AN SSSR Otd khim nauk no 3 465-470 Mr '62

HOMOTOPY THEORY
Homotopy theory of functors in the category of topological spaces D B Fuks, A. S Shvarts Dokl. AN SSSR 143 no 3 543-546 Mr '62.

HOOKWORM DISEASE see subdivision under Shurab (Leningrad Province)

HOPEI PROVINCE—HISTORY
"The massive anti-Japanese uprising in the eastern part of Hopei Province and the fight against the Japanese aggressors in this area" by Chu Chung-yü. Abstract from "Lishih Chiaohsüeh" no 5 '60 by V. I Kudrin Sovr. kit. lit. po obshchestv. naukam no 45: 36-41 '61

HORMONE THERAPY
Immediate results of hormone therapy of bronchial asthma, rheumatism and rheumatoid arthritis A M Eliseeva Sov med 25 no 2 119-120 F '62.
Remarks on hormone therapy in gynecology A. A. Kogan. Med zhur Uzb. no. 1 13-15 Ja '62

HORMONES
Hormonal interrelations between mother and fetus in mammals [with summary in English]. M. S. Mitskevich. Zhur. ob. biol 23 no 1:35-44 Ja-F '62

HORMONES, SEX
Combined use of sex steroid hormones in the climacteric syndrome in patients with hypertension and arteriosclerosis [with summary in English] E. M. Vikhliaeva, V. I. Kalmykova Klin med no 3 105-112 '62
Dil'man, V. M. [Clinical use of sex hormones and their analogues] Klinicheskoe primenenie polovykh gormonov i ikh analogov. Vil'nius, Gos. izd-vo polit. i nauchn. lit-ry Litovskoi SSR, 1961. 199 p.
(DNLM)
Experimental hypertension in the eye following artificial disturbance of the sexual glands function [with summary in English] A. E. Shevalev, E M. Lipovetskaia Oft. zhur. 17 no 1 53-56 '62

HORNTAILS
Form of mines of the violet horntail Paururus noctilio F. (Hymenoptera, Siricidae) in relation to its origin and the behavior and living conditions of the larvae [with summary in German] P. M. Rafes. Ent. oboz 40 no. 3:521-540 '61.

HORSES see subdivision under Askaniya-Nova Preserve

HOSIERY INDUSTRY see subdivision under Azerbaijan, Kokanda

HOSPITALS
Method of determining the capacity of district hospitals. V. I. Pol'chenko. Sov. zdrav. 21 no. 2:27-30 '62.
Methods for analyzing the work of a municipal hospital. E. V. Zhuravleva, V. K Ovcharov. Zdrav. Ros. Feder. 6 no. 1:45-49 Ja '62.
Model planning for hospitals. Z. Bakhmach. Arkhit. SSSR no. 3:63 '62.
"Twenty-fifth of October Memorial Hospital" during the period of the blockade of Leningrad 1941-1944. I. P. Vinogradov, S. G. Penkevich. Sov. zdrav. 21 no. 2:53-57 '62.

HOSPITALS—ADMINISTRATION

Community councils or repair brigades? Sov profsoiuzy 18 no 5 39 Mr '62

HOSPITALS—CONSTRUCTION

Construction of urban hospitals N N Shatalov Sov zdrav 21 no 2 30-34 '62

Improve the typical designing of medical institutions. Sov.zdrav 21 no.2 3-5 '62.

Most important problems in designing medical institutions. M.P. Perepelitsyna. Sov zdrav 21 no 2 13-18 '62

Principles of construction for urban public health institutions in the complex plan for city construction in the U.S.S.R. M.E. Zhitnitskii. Sov zdrav 21 no 2 5-12 '62

Type and structure of local rural and district hospitals L.I. Urovskii Sov zdrav 21 no 2 18-23 '62

HOSPITALS—FOOD SERVICE

Delivery of provisions and meals in a hospital B A Pokrovskii Zdrav Ros Feder 6 no 2 28-33 F '62

HOSPITALS—OUTPATIENT SERVICES

Experience gained in organizing the "hospital at home" N P. Zorina Zdrav Ros Feder 6 no 2 33-35 F '62.

HOURS OF LABOR

(see also subdivision under United States)

Analysis of the results of converting Ural coal pits to a shorter working day and a new wage system N.T. Kochetkov Trudy Gor.-geol inst. UFAN SSSR no. 57 67-72 '61

Results of a changeover to a shorter workday and new wage arrangements for workers of prospecting organizations V.I. Muratov Razved i okh nedr. 28 no 1 51-54 Ja '62

Shortening the workday is an important task of the Communist Party program. M Paromov Sots. trud 7 no 3 9-15 Mr '62.

Shorter working day for workers and employees in the U.S.S.R. Gig truda i prof zab 4 no 1 3-4 Ja '60

HOUSE PAINTING

Akademiia stroitel'stva i arkhitektury SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. [Painting, paper hanging, and glazing] Maliarnye, oboinye i stekol'nye raboty. Izd. 2., ispr i dop. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 318 p.

Surzhanenko, A.E. [Methodological manual for the industrial training of house painters] Metodicheskoe posobie po proizvodstvennomu obucheniiu maliarov. Izd. 3., perer. i dop. Moskva, Vses. uchebno-pedagog. izd-vo Profitekhizdat, 1961. 174 p.

HOUSEHOLD APPLIANCES, ELECTRIC

Electric household appliances today and tomorrow. G. Ivanov Sov torg 35 no 3 26-29 Mr '62

HOUSEHOLD UTENSILS see Implements, Utensils, etc.

HOUSING

(see also subdivision under Ashkhabad, Orekhovo-Zuyevo)

Housing for everyone. Miguel Perez Vsem prof. dvizh no. 3;41-43 Mr '62.

HOUSING—LAW AND LEGISLATION

Housing disputes in the practice of Moscow City Court IU Konikov, V. Pimakina Sov iust no 21 14-16 D '61

HSIAO T'UNG, 501-531

"Hsiao Tung's literary criticism" by Li Chia-yen. Abstract from "Wenhsueh p'inglun" no. 2 '61 by T' N Kholmovskaia. Sovr. kit. lit. po obshchestv. naukam no. 45;171-172 '61.

HUANG, CHIH, 1865-1955

"Huang Pin'hung's views on the theory of painting" by Wang Po-min. Abstract from "Meishu yenchiu" no. 1 '60 by S. I. Zaretskaia. Sovr. kit. lit. po obshchestv. naukam no. 45;195-198 '61

HUANG, PIN'HUNG, pseud. see Huang, Chih, 1865-1955

HULLS (NAVAL ARCHITECTURE)

Determining the width of an added strip of plastic girders considering the material's anisotropy. M. E. Chernomordik. Sudostroenie 28 no. 2;16-17 F '62

Effect of certain technical factors in repairing the hull on the operating qualities of a ship I. M Gurevich Trudy LIVT no 6 13-21 '60

Effect of residual and temperature flexures of the hull of a ship on the bending moment from external forces I. A Gunin Trudy LIVT no. 6 41-44 '60.

From readers' letters. Sudostroenie 28 no. 2;31 F '62.

The problem of decreasing the weight of ships' hulls and principal ways to solve it. I. V. Vinogradov. Trudy TSNIIMF 7 no. 36-99-98 '61.

HULLS (NAVAL ARCHITECTURE)—CORROSION

Methods of calculating the cathodic protection of the underwater part of seagoing ship hulls. L. A. Suprun. Sudostroenie 28 no. 2;11-16 F '62.

HUMAN EMBRYOLOGY see Embryology, Human

HUMANITY

Antonenko, V. H. [Socialist humanism and Christian "love" for one's neighbors] Sotsialistychnyi humanizm i khrystyians'ka "liubov" do blyzhn'oho. Kyiv, Vyd-vo Akad. nauk URSR, 1961 85 p.

HUMERUS—FRACTURE

Medical gymnastics in fractures of the humerus. A F Kaptelin Med sestra 20 no 12;22-26 D '61

HUMIDITY see subdivision under Tsimlyansk Reservoir region

HUMIDITY—PHYSIOLOGICAL EFFECT

Maximum permissible air temperature under conditions of high humidity, intensive air currents, and different temperatures of surrounding walls E F Medvedeva Gig truda i prof zab 4 no 2 45-47 F '60

HUMUS

Composition and some properties of humus in brown soils of Crimea [with summary in English] M I Dolgilevich, M A Kochkin, N F Sevast'ianov. Pochvovedenie no. 2 92-99 F '62

Seasonal dynamics of soil algae in relation to plant cover [with summary in English] P. M Petul'nitskii Mikrobiologiia 31 no 1 116-120 Ja-F '62

HUMUS—CONGRESSES

International symposium on "Humus and Plants" A V Peterburgskii. Zemledelie 24 no 3 85-88 Mr '62

HUNGARY

Hungarian spring. E. Tumarkina Ogonek 40 no. 14-21 Ap '62.

HUNGARY—ARCHIVES—PERIODICALS

A new Hungarian periodical and Hungarian archival agencies L. I. Perepletchikov Vop ist no 4;204-205 Ap '62

HUNGARY—BIBLIOGRAPHY

[New literature on European people's democracies: Hungary] Nov. lit po evrop. stran. nar. dem: Veng. no. 7/12 '61.

HUNGARY—COMMERCE—RUSSIA

Soviet-Hungarian trade relations. Vnesh.torg. 42 no. 3 3 '62.

HUNGARY—COMMUNIST PARTY

Economic commission of a city party committee. Jozsef Horvat. Part zhizn' no. 8 69-70 Ap '62

HUNGARY—CULTURE

What our Hungarian comrades told us Bugar IAnosne. Otv na vop. rab. no 10,22-27 '61

HUNGARY—ECONOMIC CONDITIONS

Meditations on the occasion of an anniversary. Sandor Haracs Nov. vrem. 20 no 14;5-16 Ap '62.

HUNGARY—FOREIGN ECONOMIC RELATIONS—RUSSIA

Economic contacts between the U.S.S.R. and Hungary develop and strengthen N.S. Patolichev, J. Incze. Vnesh.torg. 42 no 3 1-5 '62.

HUNGARY—HANDBOOKS, MANUALS, ETC.

Hungary. Kosponi Statisztikai Hivatal. [Hungary today] Nyugshintaia Vengriia. Budapest, Izd-vo "Pannoniia," 1961. 206 p.

HUNGARY—POLITICS AND GOVERNMENT

Kádár, János. [Selected articles and speeches, 1957-1960] Izbrannye stat'i i rechi, 1957-1960 gody. Moskva, Gospolitizdat, 1960. 642 p. (IEN)

Perenyi, Jozsef. [Parties and the political struggle among the Serbs in Hungary, 1867-1900] Partii i politicheskaia bor'ba sredi serbov v Vengrii, 1867-1900. Budapest, 1960. 27 p. (Studia historica Academiae Scientiarum Hungaricae, 37) [With summary in French]
(CtY)

HUNGARY—PRODUCTION STANDARDS

Measures for improving the establishment of work norms in the industry of the Hungarian People's Republic. Biul. nauch. inform i trud i zar. plata 5 no 3 58-62 '62.

HUNGARY—SERBS

Perenyi, Jozsef. [Parties and the political struggle among the Serbs in Hungary, 1867-1900] Partii i politicheskaia bor'ba sredi serbov v Vengrii, 1867-1900. Budapest, 1960. 27 p. (Studia historica Academiae Scientiarum Hungaricae, 37) [With summary in French]
(CtY)

HUNGARY—STORES, RETAIL

Building stores with the participation of the whole community. V. Petrov, E. Gurieva. Sov. torg 35 no 3 53 Mr '62

HUNGARY—TRADE UNIONS

Path to the hearts of the comrades. György Ungar. Sov. profsoiuzy 18 no. 7;26-27 Ap '62.

HUNGARIAN LITERATURE—HISTORY AND CRITICISM

Ideological armament of art. Lajos Mesterhazi. Vop. lit. 6 no. 2;143-148 F '62.

HURLO, ALES', 1896-1938

Radiant dreams of a poet Mikola Khvedarovich Belarus' 19 no 3 28 Mr '62

HUTTONITE

Hydrothermal huttonite. A. V Kosterin, V. N Zviev Zap. Vses min ob-va. 91 no 1,99-102 '62

HYALURONIC ACID

Content of hyaluronidase and hyaluronic acid in the blood serum in chronic tonsillitis. I.P. Danilov Zdrav Biel. 8 no. 1 33-35 Ja '62.

Hyaluronidase and hyaluronic acid in some manifestations of infection and immunity. Report No 6. Effect of hyaluronidase and hyaluronic acid on the reactivity to tetravaccine and the preventive properties of immune sera [with summary in English] M.I. Alaverdian Biul. eksp. biol. i med 51 no 1 81-85 Ja '62.

HYALURONIDASE

Content of hyaluronidase and hyaluronic acid in the blood serum in chronic tonsillitis. I.P. Danilov. Zdrav. Biel. 8 no. 1 33-35 Ja '62.

Hyaluronidase and hyaluronic acid in some manifestations of infection and immunity. Report No 6. Effect of hyaluronidase and hyaluronic acid on the reactivity to tetravaccine and the preventive properties of immune sera [with summary in English] M. I. Alaverdian Biul. eksp. biol. i med. 53 no. 1 81-85 Ja '62

Influence of hyaluronidase inhibitors on diuresis [with summary in English]. A. G. Gnedashevskii, V. I. Vasil'eva Biul eksp biol i med. 52 no 7;3-5 Jl '61

Role of hyaluronidase in the mechanism of an early increase in tissue barrier permeability under the action of ionizing radiation [with summary in English] N. I. Arlashchenko Med rad 6 no 1 42-46 Ja '61

HYBRID CORN see subdivision under Stepanavan District

HYBRIDIZATION

Inheritance of some characteristics of higher nervous activity in interspecific hybridization [with summary in English]. M.E. Lobashev, R.Iu. Kasimov, V.G. Marshin. Izv. AN SSSR. Ser. biol. 27 no. 1;56-64 Ja-F '62.

HYBRIDIZATION, VEGETABLE

Controlling development of hybrid plants of the first and second generations. A. A. Avakian. Agrobiologiia no. 1 8-25 Ja-F '62.

Effect of irrigation on the productivity of hybrid winter wheat progeny. Bogdan V. Bochev. Agrobiologiia no. 1 32-36 Ja-F '62.

Effect of the different quality of pollen on the heredity of parental signs and the viability of the derived hybrid generation of corn G.G. Batikian, D.P. Solokhidin. Izv. AN Arm. SSR Biol. nauki 15 no. 2 25-30 '62

Inheritance of the earliness of ripening and its stability in hybrid grapes. S. S. Khadzharian. Agrobiologiia no. 1;37-48 Ja-F '62.

Organogenesis of double cross corn hybrids VIR-38 and VIR-42 and their parental forms. V. I. Sazonov, V. V. Glukhovtsev. Nauch. dokl. vys. shkoly, biol. nauki no. 1 173-177 '62

HYDRANGEA

Pollen morphology of the family Hydrangeaceae D.A. V. Sh. Agababian. Izv. AN Arm. SSR. Biol. nauki 14 no. 11-17-26 N '61.

HYDRATION

Hydration of sulfocyanides in the presence of hydrogen chloride. E. N. Zil'berman, A. IA. Iavarin, M. A. Chernysheva Zhur. VKHO 7 no. 1;109-110 '62

HYDRAULIC CONVEYING

Concerning the use of the pressure drop in the measuring hoppers of pneumatic and hydraulic transportation systems. B. I. Leonchik, F. M. Eremenko. Izv vys. ucheb. zav. energ. 5 no. 2;106-107 F '62.

Measuring the discharge of a water-soil mixture with Venturi tubes. M. O Silin, S H. Kobernik. Vinti i gidrol i gidr AN URSR 18 68-75 '61.

Method for designing hydraulic and pneumatic conveying units suggested by A. E. Smoldyrev, N. A. Sherstkin, S. A. Korzhaev. Izv. AN SSSR. Otd. tekh. nauk Mekh. i mashinostr. no. 1 198-200 Ja-F '62.

HYDRAULIC ENGINEERING

Applying hydromechanization to industrial construction. V. S. Khablov. Prom. stroi. 40 no 3;44-47 '62

Balance of wave energy for the protected water area. I. A. Stepanov. Okeanologiia 1 no. 5;851-855 '61

Calculation of statically indeterminate systems by the method of elementary states. A. M. Surzenov. Gidrotekhnika no. 1-76-81 '61.

Design and construction of river terminal facilities T. Sadovskii. Rech. transp. 21 no. 2;41-44 F '62

Design of the protective facing of hydraulic earth structures. V. M. Sydorchuk. Visti Inst. gidrol i gidr AN URSR 18;63-67 '61.

Gratsianskii, M. N., and IU. V. Aleksandrovskii. [Hydrology and hydraulic structures] Gidrologiia i gidrotekhnicheskie sooruzheniia. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 351 p.

Increase the rate of technical progress in hydraulic construction. D.E Gurevich. Gidrotekhnika no. 1 [illegible] '61.

HYDRAULIC ENGINEERING (Continued)

[Manual for the design, construction and operation of urban roads, bridges and hydrotechnical structures] Spravochnik po proektirovaniiu, stroitel'stvu i ekspluatatsii gorodskikh dorog, mostov i gidrotekhnicheskikh sooruzhenii. Red. kol. E. E. Gibshman, N. N. Dzhunkovskii, P. A. Egorov. Moskva, Izd-vo M-va kommun. khoz. RSFSR.

Vol. 2. [Hydrotechnical structures] Gidrotekhnicheskie sooruzheniia. Red. toma, N. N. Dzhunkovskii, M. D. Kurdiumov. 1961. 706 p.

Moscow. Institut tekhniko-ekonomicheskoi informatsii. [Use of radioactive isotopes and nuclear radiations in hydraulic engineering and construction] Primenenie radioaktivnykh izotopov i iadernykh izluchenii v gidrotekhnike i stroitel'stve. Moskva, (Peredovoi nauchno-tekhnicheskii i proizvodstvennyi opyt. Tema 19)

No. 14. 1960. 35 p.

HYDRAULIC ENGINEERING—DICTIONARIES

Bernshtein, L. B., comp. [German-Russian dictionary of hydraulic engineering] Nemetsko-russkii gidrotekhnicheskii slovar'. Pod red. M. M. Grishina. Moskva, Glav. red. inostr. nauchno-tekhn. slovarei Fizmatgiza, 1961. 579 p.

HYDRAULIC ENGINEERING—HYGIENIC ASPECTS

"Medical attendance at hydraulic engineering projects" by P. P. Rudkin. Reviewed by G. Z. Pitukhelnaia. Sov. *zdrav.* 21 *no* 2 84-85 '62.

HYDRAULIC ENGINEERING—PROBLEMS, EXERCISES, ETC.

A problem of hydraulic engineering. I. I. Kamynin. Dokl. AN SSSR. 143 no. 4 778-781 Ap '62

HYDRAULIC ENGINEERING—RESEARCH

Apparatus for full-scale tests of mooring structures. Iu. I. Vasil'evskii. Gidrotekhnika no. 1 92-94 '61.

Experimental model studies on mooring loads. V. Iu. Mazur, I. M. Shikhiev. Gidrotekhnika no. 1 19-25 '61.

Operating loads acting on mooring structures. I. M. Shikhiev. Gidrotekhnika no. 1 13-19 '61.

HYDRAULIC ENGINES

Series of the DG hydraulic engines. N. F. Marakin, M. Z. Loshak. Vest. mash. 42 no. 3 90-91 Mr '62.

HYDRAULIC JUMP

Calculation of the hydraulic jump. A. Butakov. Rech. transp. 21 no. 2 48-49 F '62

HYDRAULIC MINING see subdivision under Donets Basin

HYDRAULIC PRESSES

Investigating the 1000-ton UZTM hydraulic press. S. A. Losev. Ogneupory 27 no. 3 131-133 '62

Press for moisture removal. Ryb. khoz. 37 no. 11 93-94 '61

HYDRAULIC STRUCTURES
(see also subdivision under Zeya River)

Bochin, A. P. [Construction of foundation pits for hydraulic power installations] Sooruzhenie kotlovanov gidrouzlov. Moskva, Gos. energ. izd-vo, 1961. 170 p.

Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Norms and technical specifications for designing masonry and fill of ordinary blocks for marine hydraulic structures (SN 105-60)] Normy i tekhnicheskie usloviia proektirovaniia kladki i nabroski iz obyknovennykh massivov v morskikh gidrotekhnicheskikh sooruzheniiakh (SN 105-60). Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 14 p.

HYDRAULIC STRUCTURES—BIBLIOGRAPHY see Bibliography—Hydraulic structures

HYDRAULIC STRUCTURES—CORROSION

Tikhonov, M. K. [Corrosion and the protection of concrete and reinforced-concrete hydraulic structures] Korroziia i zashchita morskikh sooruzhenii iz betona i zhelezobetona. Moskva, Izd-vo Akad. nauk SSSR, 1962. 119 p.

HYDRAULIC STRUCTURES—ELECTRIC EQUIPMENT

Roingol'dt, Iu. A. [Electrical equipment of industrial enterprises for inland-water transportation] Elektricheskoe oborudovanie promyshlennykh predpriiatii rechnogo transporta. Leningrad, Izd-vo "Rechnoi transport," 1961. 356 p.

HYDRAULIC STRUCTURES—MAINTENANCE AND REPAIR

Underwater concreting as an advanced method of repairing marine hydraulic structures. V. I. Dmitrevskii. Gidrotekhnika no. 1, 31-39 '61.

HYDRAULIC STRUCTURES—VIBRATION

Remote control of a long-period vibration pickup. L. S. Maksimov, V. A. Tokmakov. Trudy Inst. fiz. Zem. no. 16, 88-90 '61.

HYDRAULIC TURBINES
(see also subdivision under Volga Hydroelectric Power Station (22d Congress of the CPSU)

Development of the hydraulic turbine industry in the U. S. S. R. V. S. Kviatkovskii. Trudy MEI no. 33 267-284 '60.

New constructional decisions in the hydraulic turbine equipment of the Dneprodzerzhinsk Hydroelectric Power Station. N. N. Rebuk, V. G. Kravtsov. Elek. sta. 33 no. 2 32-36 F '62

Raboinov, B. A. [Problems of the resistance of adjustable blade (Kaplan) hydraulic turbines to cavitation] Voprosy kavitatsionnoi stoikosti povorotnolopastnykh gidroturbin. Moskva, Gos. energ. izd-vo, 1961. 234 p.

HYDRAULIC TURBINES—MAINTENANCE AND REPAIR

Fiterman, IA. F. [Assembly and maintenance of hydraulic turbines] Montazh i remont gidroturbin. Izd. 2, perer. i dop. Moskva, Gos. energ. izd-vo, 1961. 553 p.

HYDRAULICS

Coordinating conference on problems of the hydraulics of high-pressure spillway structures. I. I. Levi, M. F. Sviadnev, L. V. Moshkov. Gidr. stroi. 32 no. 1 59-61 Ja '62.

Criterion of wave formation in ultraturbid streams of a liquid. G. V. Meskhi. Soob. AN Gruz. SSR 28 no. 2 137-144 F '62

Determining the reciprocal filling of trapezoidal river beds. G. A. Dzhimsheli. Gidr. stroi. 32 no. 1 37-38 Ja '62.

[Manual for the design, construction and operation of urban roads, bridges and hydrotechnical structures] Spravochnik po proektirovaniiu, stroitel'stvu i ekspluatatsii gorodskikh dorog, mostov i gidrotekhnicheskikh sooruzhenii. Red. kol. E. E. Gibshan, N. N. Dzhunkovskii, P. A. Egorov. Moskva, Izd-vo M-va *kommun. khoz. RSFSR,*

Vol. 2. [Hydrotechnical structures] Gidrotekhnicheskie sooruzheniia. Red. toma, N. N. Dzhunkovskii, M. D. Kurdiumov. 1961. 706 p.

Nomogram for calculating a correction of the maximum flow. N. A. Mamed-Zade. Gidr. stroi. 32 no. 1, 54-3 of cover Ja '62.

Some considerations on the dissipation and local losses of energy in a stream with a free surface. B. I. Sukhomel. Vsesoiuz. Nauch.-issled. Inst. gidrol. i gidrotekh. AN URSR 18-3-18 '61

HYDRAULICS—BIBLIOGRAPHY see Bibliography—Hydraulics

HYDRAZONES

Reaction of cycloacylation of heterocyclic keto-enols. Part 1. *Cyclization of phenyl hydrazones of 3-acyl-4-hydroxycrotonic acids.* N. S. Vul'fson, R. B. Zhurin. Zhur. ob. Khim. 32 no. 3, 991-994 Mr '62.

Substituted phenylhydrazones of nitrobenzaldehyde. R. G. Dubenko, I. N. Betzina, P. S. Pel'kis. Zhur. ob. khim. 32 no. 3, 942-944 Mr '62

HYDROBIOLOGY
(see also subdivision under Zeravshan River)

Work of the Hydrobiology and Ichtyology Section of the Moscow Naturalists' Society in the second half of 1960. Biul. MOIP. Otd. biol. 67 no. 1 147-148 Ja-F '62.

HYDROBROMIC ACID

Polarographic study of the Ti^{IV} - TiH system in solutions of hydrobromic acid. A. I. Kartushinskaia, A. G. Stromberg. Zhur. neorg. khim. 7 no. 2 291-297 F '62

HYDROCARBONS

Boron fluoride as catalyst in the *polymerization reaction* of unsaturated hydrocarbons of a heavy benzene fraction. L. P. Babin, B. A. Rozenberg, Z. A. Fishelevich. Koks i khim. no. 2 40-42 '62

Carbanion mechanism of isomerization of unsaturated hydrocarbons. E. A. Rabinovich, I. V. Astaf'ev, A. I. Shatenshtein. Zhur. ob. khim. 32 no. 3, 748-750 Mr '62.

Characteristics of salt catalysis during oxidation of alkyl aromatic hydrocarbons. R. V. Kucher, S. D. Kaz'min, M. A. Kovbuz. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 6 971-976 '61.

Effect of phenols on the solubilization of hydrocarbons in soap solutions. P. A. Demchenko, L. P. Skoroobogat'ko. Ukr. khim. zhur. 28 no. 2 203-205 '62

Study of the upper limit of combustibility of hydrocarbon gases as affected by changes in pressure [with summary *in English*]. *N. Andrash.* Inzh.-fiz. zhur. 5 no. 1 27-32 Ja '62.

HYDROCARBONS—ANALYSIS

Determination of side chains in cyclic hydrocarbons. L. D. Melikadze, G. G. Kikodze. Soob. AN Gruz. SSR 28 no. 2, 153-157 F '62.

HYDROCEPHALUS

Drainage between the dural sac and the abdominal cavity *in hydrocephalus in children* [with summary in English]. P. A. Kartashov. Vop. neirokhir. no. 2, 36-37 '62.

HYDROCHLORIC ACID

Hydration of sulfocyanides in the presence of hydrogen chloride. E. N. Zil'berman, A. IA. Lazaris, M. A. Chernysheva. Zhur. VKHO 7 no. 1, 109-110 '62.

Hydrochlorination of acetylene on aluminum oxide. K. V. Topchieva, S. A. Ven'iaminov. Kin. i kat. 3 no. 1 118-122 '62.

Kinetics of the topochemical interaction of some metal bromides with hydrogen chloride. E. T. Labykina. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 6, 943-948 '61.

Synthesis and transformations of unsaturated organosilicon compounds. Report No. 3. Interaction of tertiary γ-silicoacetylenic alcohols with concentrated hydrochloric acid and thionyl chloride. M. F. Shostakovskii and others. Izv. AN SSSR. Otd. khim. nauk no. 3 510-512 Mr '52

HYDRODYNAMICS

Calculating the transition from a laminar boundary layer to a turbulent one caused by a turbulent incident flow [with summary in English]. L. F. Kozlov. Inzh.-fiz. zhur. 5 no. 3, 103-106 Mr '62

Calculation of the flow of water towards a well equipped with a block-type filter. N. D. Bassonov. Razved. i okh. nedr 27 no. 10 51-58 O '61

Cavitation flow of a stream with finite width about a plate. A. V. Kuznetsov. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 1 174-177 Ja-F '62

Distribution of velocities and hydraulic resistances in a uniform closed flow [with summary in English]. E. P. Kovalenko. Inzh.-fiz. zhur. 5 no. 1 88-91 Ja '62

Heat transfer from a plate and from the front end of a cylinder placed within a laminar boundary layer of an incompressible fluid in a wide range of Prandtl numbers [with summary in English]. A. A. Andreevskii, E. D. Fedorovich. Inzh.-fiz. zhur. 5 no. 1 85-87 Ja '62.

Heat transfer in an annular channel under conditions of turbulent flow [with summary in English]. L. I. Roizen. Inzh.-fiz. zhur. 5 no. 1 42-51 Ja '62

Hydrodynamic pressure on a spillway dam. L. G. Petrosian. Gidr. stroi. 32 no. 1, 35-37 Ja '62

Hydrodynamic resistance in the transition zone of pseudoliquefaction of a polydisperse layer [with summary in English]. N. B. Kondukov. Inzh.-fiz. zhur. 5 no. 3, 27-32 Mr '62.

Interpretation of the two-center model within the scope of the hydrodynamic theory [with summary in English]. A. A. Emel'ianov. Zhur. eksp. i teor. fiz. 42 no. 1, 171-172 Ja '62.

Mechanics of polyphase media. A. K. Dlunin, IU. T. Borshchevskii. Izv. Sib. otd. AN SSSR no. 1 30-36 '62

Steady flow of a conducting liquid across a magnetic field. B. A. Tverskoi. Dokl. AN SSSR 143 no. 2, 301-304 Mr '62

Turbulent flow about a rotating cylinder. L. A. Dorfman. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 1 172-173 Ja-F '62.

HYDROELECTRIC POWER see subdivision under Africa, *Azerbaijan*

HYDROELECTRIC POWER STATIONS
(see also subdivision under Angara Valley, Georgia, Shatura; Svanetia, Ukraine, see also Dneprodzerzhinsk Hydroelectric Power Station, Novosibirsk Hydroelectric Power Station, Uch-Kurgan Hydroelectric Power Station, Votkinsk Hydroelectric Power Station)

Fiterman, IA. F. [Assembly and maintenance of hydraulic turbines] Montazh i remont gidroturbin. Izd. 2., perer. i dop. Moskva, Gos. energ. izd-vo, 1961. 553 p.

Hydroelectric power engineering in the U. S. S. R. from the plan of the State Commission for the Electrification of Russia down to the plan for the overall electrification of the country. T. L. Zolotarev. Trudy MEI no. 33 79-138 '60.

The possibility of using spillways placed low in the reservoir of combined hydroelectric power stations as fishways. N. A. Malyshev. Gidr. stroi. 32 no. 1 18-20 Ja '62.

Quickly-assembled machine rooms or sheds. Gidr. stroi. 32 no. 1, 40 Ja '62.

HYDROELECTRIC POWER STATIONS—EQUIPMENT AND SUPPLIES

Special self-starting features of the electric motors of oil pressure maintaining systems in hydroelectric power stations. B. Z. Umanskii. Elek. sta. 33 no. 1 34-36 Ja '62

HYDROELECTRIC POWER STATIONS—WATER SUPPLY

Economic determination of "derived" assurance of supply to hydraulic structures and irrigating systems. Chzhou Chzhi-khao, [Chou Chin-hao]. Izv. vys. ucheb. zav., energ. 5 no. 2 97-101 F '62

HYDROFLUORIC ACID

Interaction between titanium dioxide and hydrofluoric acid. IU. A. Buslaev, V. A. Bochkareva, N. S. Nikolaev. Izv. AN SSSR. Otd. khim. nauk no. 3 388-392 Mr '62.

HYDROGEN

Calorimetric investigation of the reaction of atomic hydrogen with solid olefins at 77°K. IU. P. Lomanov, A. N. Ponomarev, V. L. Tal'roze. Kin. i kat. 3 no. 1 48-57 '62

Interaction of potassium with hydrogen. V. I. Mikheeva, M. M. Shkrabkina. Zhur. neorg. khim. 7 no. 3 483-488 Mr '62.

On the problem of hydrogen overvoltage. M. T. Kozlovskii. Vest. AN Kazakh. SSR 17 no. 12 81-82 D '61.

Overvoltage in the liberation of hydrogen. P. V. Sergeev. Vest. AN Kazakh. SSR 17 no. 12 83-87 D '61.

HYDROGEN—ISOTOPES

Hydrogen isotope exchange of cyclopentadienylmanganesetricarbonyl A. N. Nesmeianov and others. Dokl AN SSSR 143 no 2 351-353 Mr '62

Tritium,the radioactive hydrogen isotope. D I Zakutinskii, V F Zhuravlev Med rad 5 no 1 80-83 Ja '60

HYDROGEN BONDING

Role of hydrogen bonds in the gelation of derivatives of a styrene-maleic anhydride copolymer [with summary in English] G.N Lapshin Vysokom soed 4 no. 3:468-470 Mr '62

Selective interaction in polymer chains. Part 2: Effect of hydrogen bonds on the kinetics of methyl methacrylate and methacrylic acid copolymerization [with summary in English]. P. Smeltek, S. IA Frenkel' Vysokom. soed. 4 no. 3:429-432 Mr '62

HYDROGEN HALIDES

Products of interaction of haloacetonitriles with hydrohalides and their reactions with nucleophilic reagents. A. IA. Lazaris, E. N. Zil'berman, O D Sitnikov. Zhur ob. khim. 32 no 3 900-905 Mr '62

HYDROGEN-ION CONCENTRATION

Calculation of pH of aqueous solutions of strong acids and bases at high temperatures. O. I. Martynova, E. I. Mingulina. Izv. vys. ucheb. zav. ,khim. i khim tekh. 4 no 6,1041-1042 '61

Effect of slag basicity on its penetrability to gas. S K Chuchmarev, L N Barmin Trudy Ural politekh inst no 93 39-43 '59

Intracellular pH of Nitella flexillis at rest and after excitation. L. N. Vorob'ev, G. A. Kurella, G A. Popov Biofizika 6 no. 5 582-589 '61.

Radiation thermal conductivity of completely ionized hydrogen plasma [with summary in English] T. D. Kuznetsova, D. A. Frank-Kamenetskii. Astron zhur 39 no. 2:247-265 Mr-Ap '62

HYDROGEN PEROXIDE

Emulsion oxidation of alkyl aromatic hydrocarbons under pressure. Part 3 Effect of hydrogen peroxide on the reaction of oxidation of isopropylbenzene and 1, 1-diphenylethane. R V Kucher, S D. Kaz'min Kin i kat 3 no 1 31-35 '62

Mechanism of pyruvic acid oxidation by hydrogen peroxide A. I. Brodskii, M. M Aleksankin, I. P Gragerov Zhur. ob. khim. 32 no. 3, 829-833 Mr '62

HYDROGEN SULFIDE

Determination of small amounts of hydrogen sulfide in the air. I. I. Paul', V. A. Vinogradova Gig truda i prof. zab 4 no 2 53-54 F '60

HYDROGENATION

Formation of secondary amines in the catalytic hydrogenation of adiponitrile. E N. Zil'berman, A A Kniugin, E. M Perepletchikov. Zhur. ob khim. 32 no. 3 905-909 Mr '62.

Selectivity and stereospecificity in reactions of n-hexene hydrogenation on a skeletal nickel catalyst. L Kh Freidlin and others. Dokl AN SSSR 143 no 4 883-886 Ap '62.

HYDROGRAPHY

(see also subdivision under Amur River; Bering Strait; Volga Valley)

Geographical zonality and hydrological problems in the field of mapping. G. N. Petrov Izv. Kazan. fil. AN SSSR. Ser. energ. i vod. khoz. no 2:5-26 '6 .

HYDROLOGY

(see also subdivision under Amur River; Black Sea region; Chirchik Valley, Ladoga, Lake; Novosibirsk Reservoir; Siberia, Eastern; White Sea; Yakimvarskiy Bay)

[Land hydrology] Gidrologiia sushi. [By] N. A. Solomentsev i dr. Leningrad, Gidrometeor. izd-vo, 1961, 448 p.

HYDROLOGY—BIBLIOGRAPHY see Bibliography—Hydrology

HYDROLOGY—RESEARCH

Field experiments on the formation of floods resulting from rains in small basins I. L. Zimont. Amur. sbor. no 2:73-83 '60

First Interdepartmental Conference on Model Studies of Atmospheric and Hydrospheric Phenomena A. F. Laktionov. Okeanologiia 1 no. 5:924-926 '61

HYDROLYSIS

Kalnins, V. K., I. I. Beinarts, and B. M. Taubins. [Hydrolysis by the Riga method] Rizhskii sposob gidroliza. Pod red. P. N. Odintsova. Riga. Izd-vo Akad. nauk Latviiskoi SSR, 1961. 104 p.

Vapor hydrolysis of double chlorides of potassium and rare earth elements (La, Ce, Pr, Nd) [with summary in English] G. I. Novikov, A. K. Baev. Vest. LGU 17 no 4,154-160 '62.

HYDROMECHANICS see Fluid mechanics

HYDROMETALLURGY

Chemical reduction of molybdenum-bismuth products. P. M. Perlov. Obog. rud. 7 no. 1 37-39 '62.

Hydrolytic precipitation of basic zirconium sulfate from sulfuric acid solutions. M A Kolenkova, A. I Lainer Izv vys ucheb zav , tsvet met. 5 no 2 112-117 '62.

Hydrometallurgical treatment of the cake obtained in the alkali refining of lead V S Lovchikov, B M. Lipshits Sbor nauch trud GINTSVETMET no 33 43-50 '60.

Treatment of lead sulfide concentrates with ferric chloride R. A Agracheva, A. N Vol'skii Sbor nauch trud GINTSVETMET no 33 26-33 '60

HYDROMETEOROLOGICAL RESEARCH see subdivision under Pacific Ocean

HYDROMETER

New apparatus for determining air humidity in animal holes and bird nests from a distance. V. E. Sokolov, N. S. Varzhenevskii. Biul. MOIP, Otd. biol. 67 no 1 115-119 Ja-F '62.

HYDROPEROXIDE

Determination of isopropylbenzene hydroperoxide, dimethylphenylcarbinol, and α-methylstyrene in air M. V. Alekseeva, E. G Kachmar, V A. Khrustaleva Uch zap Mosk nauch -issl inst san i gig. no 5 5-16 '60

Determination of isopropylbenzene hydroperoxide in air Uch zap. Mosk nauch -issl inst san i gig. no 5 12-41 '60

Formation and decomposition of cumene hydroperoxide in H_2O^{18}. A I Brodskii and others. Zhur. ob. khim. 32 no 3:758-760 Mr '62.

HYDROPHOBIA see Rabies

HYDROURACIL

Aryl-β-amino acids Part 3 Effect of phosphorus oxychloride on 6-aryl-5, 6-dihydrouracil. N G Chernova, A. IA Berlin. Zhur ob khim 32 no. 3 955-958 Mr '62

HYDROZOA

Cellular processes in the morphogenesis of hydrozoan polyps. L. V. Belousov. Biul. MOIP, Otd. biol. 67 no. 1:158 Ja-F '62.

Regeneration and somatic embryogenesis in Laomedea flexuosa hincks. B P. Tokin, E. I. Kalinina. Trudy MMBI no. 3:105-112 '61

HYGIENE

[Health and diseases] Sveikata ir susirgimai. Antrasis pataisytas leidimas. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961 358 p. [In Lithuanian]

(DNLM)

Health hints. Zdorov'e 8 no. 1:30-31 Ja '62.

Problems in hygiene in the light of the resolutions of the 22d Congress of the CPSU. D. E. Kaltuzhnyi Sov. zdrav 21 no. 3:21-27 '62

HYGIENE—CONGRESSES

Brief news. Gig truda i prof zab. 5 no 6 62-63 Je '61.

HYGROMETRY

Direct measurement of the relative humidity of gases. M A Kaganov, T. I. Kaganova Prib. i tekh. eksp. 7 no 1 199-201 Ja-F '62

HYGROSCOPICITY

Hygroscopic properties and gelatinization of the muscle tissue of fish and slaughtered warm-blooded animals [with summary in English]. F. S. Okolov, S. Kh. Nikolov Vop pit 21 no. 2:50-56 Mr-Ap '62

HYPERINSULINISM see Insulin shock

HYPERONS

Neutral baryon currents and single hyperon generation [with summary in English]. M. A. Markov, Nguen Van-khi'eu. Zhur. eksp. i teor. fiz. 42 no 1:273-274 Ja '62.

HYPERSONICS see Aerodynamics, Hypersonic

HYPERSPACE

Theory of stereohedrons. B. Delaunay, I. I Sandakova. Trudy Mat. inst. 64:28-51 '61

HYPERSPLENISM

Morphological and cytochemical study of thrombocytopoiesis in hypersplenism [with summary in English]. R. P. Zolotnitskaia. Terap. arkh. 34 no. 2:61-68 '62.

HYPERSUSCEPTIBILITY see Anaphylaxis

HYPERTENSION

Changes in the blind spot of the fundus oculi in hypertension. V. I Zhumilova Sov med. 25 no 2,147-150 F '62

Characteristics of the blood pressure in the vessels of the brain in hypertensive, atherosclerotic and involutional psychoses [with summary in French]. A. D. Doil'nitsyna Zhur. nevr. i psikh. 62 no. 3:422-427 '62.

Clinical aspects of disorders of the craniocerebral nerves in hypertension [with summary in English]. G. D. Leshchenko, Z. IU. Svetnik. Vrach. delo no. 2:72-77 F '62.

Combined use of sex steroid hormones in the climacteric syndrome in patients with hypertension and arteriosclerosis [with summary in English]. F. M. Vikhliaeva, V. I. Kalmykova. Klin. med. no. 3,105-112 '62

Comparative study of the results of a parallel investigation of dermal capillary resistance in peptic ulcer and hypertension. B. IA. Rashap. Vrach. delo no. 8:137-138 Ag '61.

Content of lipoproteins in the blood serum in coronary atherosclerosis and hypertension K R. Sedov. Sov med 25 no. 2:30-33 F '62

Effect of prolonged nutrition with sunflower oil on the course of experimental hypertension [with summary in English]. T. A. Brakish and others. Vop pit 21 no 2: 11-16 Mr-Ap '62

Electrophoretic examination of blood serum proteins in hypertension. N L. Aslanian. Vrach delo no 2 15 40 F '62.

Factor V content in hypertension [with summary in English]. K G. Urbanuk Vop med khim 7 no 3 270-272 My-Je '61

Hydrodynamic mechanisms of increased arterial blood pressure in hypertension. V L. Karpman, M A. Abrikosova, G. A. Glezer. Terap. arkh. 34 no. 3 28-35 '62.

Primary hypertension of the lesser circulation in children [with summary in English]. I K. Fedpova, S. I. Levina. Vop. okh. mat. i det. 7 no. 2 44-49 '62.

Primary pulmonary hypertension [with summary in English]. L. L. Likht. Arkh. pat. no 3 71-74 '62

Problems of hypertension, atherosclerosis and coronary insufficiency at the Twelfth Scientific Session of the Institute of Therapy of the Academy of Medical Sciences of the U. S. S. R. (January 28-30, 1961 in Moscow). I. Kh. Kantserov, F. T. Krasnoperov. Kaz med zhur. no 5: 94-95 S-O '61.

Prolonged ambulatory use of Rauwolfia preparations in hypertension [with summary in English]. N. D. Abramova, T. Z. Gurevich, V. I Rovinskii. Sov med. 25 no. 2 103-105 F '62

Reserpine-anticoagulant treatment of hypertension concomitant with stenocardia B P. Kushelevskii and others Klin. med no 3,95-100 '62.

Role of the neural factor in the origin of hypertension. I. I. Speranskii Kardiologiia 1 no 3 3-9 My-Je '61.

Use of hypothiazide in the compound treatment of hypertension. G. Z. Inimykhametova, G. V. Kicheeva. Kaz. med. zhur. no. 1 31-34 Ja-F '62.

"X-ray study in hypertension" by I. M. IAbnich Reviewed by I B Gurevich Vest rent. i rad 37 no 1: 79-80 Ja-F '62.

HYPERTHYROIDISM

Biochemical changes in the cardiac muscle in thyrotoxicosis P. M. Samoilov Vop. med khim 7 no 6 561-564 N-D '61

Electrophoretic study of protein fractions of the blood serum in experimental hyperthyroidism [with summary in English]. K F. Selivanova Vop. med khim 7 no. 3 246-250 My-Je '61

HYPNOTISM

Electrophysiological study of the cerebral cortex of healthy subjects and patients with chronic alcoholism acting through the first and second signaling systems in the course of a hypnotic state [with summary in French] I. V. Strel'chuk, A. M. Molokhova Zhur nevr i psikh 62 no. 3:428-439 '62.

HYPNOTISM—THERAPEUTIC USE

Hypnosis in surgical practice. E. P. Arkhipov. Kaz. med. zhur. no. 1:74-75 Ja-F '62.

Successful use of hypnosis in a loss of hearing of psychogenic character. A. Sh. Dulshev. Kaz. med. zhur. no. 1: 70-71 Ja-F '62.

HYPOCHONDRIA

Difficulties in the clinical delimitation of hypochondriac states [with summary in French]. K A Skvortsov Zhur. nevr. i psikh. 61 no 8:1193-1198 '61.

Hypochondric state [with summary in English] V. E. Zborshchik Vrach delo no 2:89-92 F '62.

Problems in the clinical aspects and pathogenesis of hypochondriacal schizophrenia. G. A. Rotshtein. Vest AMN SSSR 17 no. 1:17-27 '62.

HYPOGLYCEMIA

Case of adenoma of the pancreas with psychic disorders [with summary in French]. A. I. Kuznetsov. Zhur. nevr. i psikh. 62 no 3:409-412 '62.

HYPOPHYSIS CEREBRI see Pituitary body

HYPOTENSION

Experimental study of the use of ephedrine for preventing arterial hypotension in high spinal anesthesia [with summary in English]. B. M. Kupchik Eksp. khir. i anest. 6 no. 5:22-29 S-O '61.

HYPOTHALAMUS

Effect of hippocampal stimulation on the differential inhibition in rabbits N. A. Tushmalova Nauch. dokl vys. shkoly, biol. nauki no. 1:78-82 '62.

Methods of transmission of secretions from the hypothalamic nuclei to the neurohypophysis [with summary in English]. A. A. Voitkevich. Biul eksp. biol. i med. 52 no. 7:99-103 Jl '61.

Relations between the neurohypophysis and the secretion of the preoptical nuclei of hypothalamus. A. A. Voitkevich. Nauch. dokl. vys. shkoly, biol. nauki no. 1 93-97 '62.

HYPOTHALAMUS—DISEASES

Electroencephalographic changes following the administration of small doses of adrenaline to healthy subjects and to patients with disorders of the hypothalamic formation [with summary in French]. L. P. Latash. Zhur. nevr. i psikh. 61 no. 8:1168-1175 '61.

HYPOTHERMIA
Combined induction anesthesia for patients with congenital heart defects treated under hypothermia [with summary in English] I. M. Darbinian. Eksp. khir. i anest. 6 no. 5, 11-22 S-O '61.
Deep hypothermia in heart surgery [with summary in English] S. A. Kolesnikov and others. Grud. khir. i no. 6, 6-17 N-D '61.
Effect of general cooling and hibernation on the restoration of vital functions in animals subjected to clinical death from acute hemorrhage [with summary in English] V. I. Sobolevа. Pat. fiziol. i eksp. terap. 6 no. 1, 28-33 Ja-F '62.
Effect of hypothermia on the course of acute radiation sickness. G. A. Kazarian, D. G. Saakian. Vop. radiobiol. [AN Arm. SSR] 1:181-186 '60.
Reflex regulation of vascular tonus in isolated hypothermia of the brain [with summary in English] M. A. Konstantovich. Biul. eksp. biol. i med. 53 no. 1, 7-11 Ja '62.
Role of ascorbic acid in the mechanism of development of artificial hypothermia [with summary in English] K. V. Ostashkov. Biul. eksp. biol. i med. 52 no. 7, 51-57 Jl '61.
Vascular reflexes from baroreceptors and chemoreceptors in hypothermia. N. Kh. Abdullaev. Med. zhur. Uzb. no. 5, 29-32 My '60.

HYSTERESIS
Phenomena of thermal hysteresis in magnetite. A. IA. Vlasov, A. G. Zvegintsev. Izv. Sib. otd. AN SSSR no. 1, 89-92 '62.
Rotational hysteresis of magnetostriction in nickel. V. S. Afoshin. Izv. Sib. otd. AN SSSR no. 1, 37-42 '62.

IABLOCHKINA, ALEKSANDRA ALEKSANDROVNA, 1866-
A letter written by IAblochkina. Tsentr. 24 no. 3, 10-11 Mr '62.

IABLONSKAIA, TAT'IANA NILOVNA, 1917-
"Tat'iana Nilovna IAblonskaia" by V. V. Kurll'tseva. Reviewed by B. Piankin. Iskusstvo 25 no. 2, 70 '62.

IAKINF, monk, 1777-1853
Bichurin's letters from the Valaam Monastery prison. Nar. Azii i Afr. no. 1, 100-102 '62.

IAKOBKIN, INNOKENTII IVANOVICH, 1881-1949
Innokentii Ivanovich IAkobkin, Director of the Library of the Academy of Sciences of the U. S. S. R., 1929-1949. M. M. Gurevich, G. F. Podozerskaia, K. I. Shafranovskii. Trudy Bibl. AN SSSR 5, 309-318 '61.

IAKUSHKIN, IVAN VIACHESLAVOVICH, 1865-1960
In memory of Ivan Viacheslavovich IAkushkin. Trudy Vses. nauch.-issl. inst. sakh. svekly i sakh. 1 no. 2, 109-110 '61.

IAKZHIN, ALEKSANDR ANDREEVICH, 1907-1961
Aleksandr Andreevich IAkzhin, obituary. Razved. i okh. nedr. 28 no. 2, 64 F '62.

ICE see subdivision under Antarctic regions, Franz Josef Land; Transcaucasia

ICE—THERMAL PROPERTIES
(See also subdivision under Arctic regions)
Effect of the initial heat supply of ice on some subsequent processes. IU. P. Doronin. Probl. Arkt. i Antarkt. no. 8, 29-36 '61.

ICE AGE see also subdivision 'Glacial epoch' under Kopet-Dag

ICE AND SNOW BUILDING see Building, Ice and snow

ICE-BREAKING VESSELS—EQUIPMENT AND SUPPLIES
Use of rubber tugboat fenders on icebreakers. V. A. Starshinov. Sudostroenie 28 no. 2, 57-60 F '62.

ICE ON RIVERS, LAKES, ETC.
(See also subdivision under Amur River; Bratsk Hydroelectric Power Station; Northern Dvina River; Syr Darya)
Determination of contact stresses during the impact of the stern of the ship against ice. D. E. Khelsin. Probl. Arkt. i Antarkt. no. 8, 67-74 '61.
New method of float observations during the spring debacle. S. Vinokurov. Rech. transp. 21 no. 2, 52-53 F '62.
Use of aerial photographs in studying the dynamics of the ice cover of rivers. V. I. Avgevich. Izv. vys. ucheb. zav., geod. i aerof. no. 6, 67-76 '61.

ICEBERGS see subdivision under Antarctic regions

ICELAND—ECONOMIC CONDITIONS
The "new course" and new problems of Iceland. F. Kushch. Mir ekon. i mezhdunar. otn. no. 4, 107-110 Ap '62.

ICHNEUMON FLIES
(See also subdivision under Dzhary region)
New subgenera and species of the genus Bracon F. (Hymenoptera, Braconidae) [with summary in English] V. I. Tobias. Ent. obozr. 40 no. 3, 650-668 '61.

ICHTHYOLOGY
"Selected works. Vol. 4: Ichthyology" by L. S. Berg. Reviewed by P. G. Borisov. Vop. ikht. 2 no. 1, 203-204 '62.
Work of the Hydrobiology and Ichtyology Section of the Moscow Naturalists' Society in the second half of 1960. Biul. MOIP. Otd. biol. 67 no. 1, 147-148 Ja-F '62.

ICTERUS (PATHOLOGY) see Jaundice

IDAHO FALLS—NUCLEAR REACTORS
Accident at a radiochemical research plant. Atom. energ. 12 no. 4, 352-353 Ap '62.

IGARKA REGION—PEAT BOGS
Some characteristics of uneven peat bog formations in the Igarka Region. V. I. Orlov. Izv. Vses. geog. ob-va 94 no. 1, 75-79 Ja-F '62.

IGNALINA DISTRICT—POULTRY
Andrijauskas, Lionginas. [She takes care of 10,000 chickens; on an interkolkhoz poultry farm in Ignalina District] Viena priziuri 10 000 vistu, Ignalinos rajono tarpkolukinioje pauksciu fermoje. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 23 p. [In Lithuanian]
(DA)

IGNATII, BP. OF KHMEL'NIK AND KAMENETS-PODOL'SKIY, 1905-
Nomination and ordination of Archimandrite Ignatii (Demchenko). Zhur. Mosk. Patr. no. 12, 19-22 D '61.

IGNEOUS ROCKS see Rocks, Igneous

ILEUM—ABNORMITIES AND DEFORMITIES
Interrelationship between terminal ileitis and Lane's kink. A. M. Aminev. Vest. khir. no. 8, 96-98 '61.

ILEUM—ULCERS
Ulcers of Meckel's diverticulum as a cause of intestinal hemorrhages in children. B. A. Rogal'skii, S. R. Sarkisiants. Vest. khir. no. 3, 126-127 '62.

ILIAC VEIN—LIGATURE
Ligation of both exterior iliac veins by means of a curved suprapubic extraperitoneal incision in decompensated mitral disease [with summary in English] K. T. Ovnatanian. Grud. khir. 2 no. 1, 33-37 Ja-F '60.

IL'INSKII, IGOR' VLADIMIROVICH, 1901-
Khalchenko, G. A. Igor' Il'inskii. Moskva, Izd-vo Akad. nauk SSSR, 1962. 214 p.

ILLICIT DISTILLING see Distilling, Illicit

ILLUSTRATION OF BOOKS
Concerning illustrations for military memoirs and training literature. I. Remizov. Voen. vest. 41 no. 2, 125-126 F '62.
Domostroeva, G. L. [How a book is illustrated] Kak illiustriruetsia kniga. Moskva, Izd-vo Akad. khudozh. SSSR, 1961. 64 p. (Biblioteka po izobrazitel'nomu iskusstvu dlia narodnykh universitetov kul'tury, khudozhestvennoi samodeiatel'nosti i shkol'nykh bibliotek)

ILVAITE see subdivision under Tigiretskiy Range

IMIDAZOLECARBOXAMIDE
Urinary excretion of aminoimidazolecarboxamide in patients with leucosis [with summary in English] G. IA. Vilenkina, F. E. Fainshtein. Vop. med. khim. 7 no. 3, 301-305 My-Je '61.

IMIPRAMINE
Effect of tofranil (imizine) on conditioned reflex activity in fish, pigeons, and rabbits. V. I. Ivanova. Nauch. dokl. vys. shkoly, biol. nauki no. 1, 73-77 '62.

IMMORTALITY
"Illusion of immortality" by K. Lamont. Reviewed by N. N. Fedin. Priroda 51 no. 3, 121-122 Mr '62.

IMMUNITY
Associated immunization with live and chemical vaccines in experiments. Report No. 2: Mechanism of the stimulation of antitoxin production by live EB vaccine [with summary in English]. R. A. Saltykov, G. I. Kremlev, E. M. Zemskov. Zhur. mikrobiol., epid. i immun. 33 no. 2, 28-32 F '62.
Duration of the immunity in guinea pigs vaccinated with a complex live vaccine against plague, tularemia, brucellosis and anthrax [with summary in English]. S. L. Borod'ko, L. G. Samsonovich. Zhur. mikrobiol., epid. i immun. 33 no. 2, 25-28 F '62.
Dynamics of experimental immune spermophagocytosis [with summary in English] R. Popivanov, V. Kh. Vylchanov. Zhur. mikrobiol., epid. i immun. 33 no. 2, 68-70 F '62.
Effect of small doses of polonium on the intestinal microflora and some indices of natural immunity in dogs. Report No. 3 [with summary in English]. O. R. Nemirovich-Danchenko. Zhur. mikrobiol., epid. i immun. 33 no. 2, 56-62 F '62.
Experimental observations on group associated immunization with anatoxin aerosols (tetanus and staphylococcus) [with summary in English]. I. F. Titarenko. Zhur. mikrobiol., epid. i immun. 33 no. 2, 8-14 F '62.
Immunity to tumors. Vop. virus. 7 no. 1, 122 Ja-F '62.
Medicinal stimulation of the resistance of the body to infection. N. V. Lazarev. Kaz. med. zhur. no. 5, 7-12 S-O '61.
Method for determining the protective properties of sera. A table for finding the value of the PD_{50} and the limits of its fluctuations [with summary in English]. L. S. Kreinin. Zhur. mikrobiol., epid. i immun. 33 no. 2, 79-73 F '62.
Morphology of the active and inhibitory phases of immunity in guinea pigs immunized with heated vaccine from the paratyphoid A bacillus [with summary in English] A. M. Igonin, E. M. Zemskov. Biul. eksp. biol. i med. 52 no. 11, 80-84 N '61.
Pletsityi, D. F. [Dynamics of immunity] Dinamika immuniteta. Moskva, Medgiz, 1961. 146 p. (DNLM)
Role of the lymph nodes in the mechanism of natural resistance to rabies [with summary in English]. L. P. Gorshunova. Zhur. mikrobiol., epid. i immun. 33 no. 2, 45-48 F '62.
Some indices of natural immunity in healthy infants [with summary in English] V. M. Chistsova, N. I. Babikova, L. I. Klimova. Vop. okh. mat. i det. 7 no. 1, 60-63 Ja '62.
State of nonspecific increased resistance in animals during muscular training and training with a single administration of dibasol [with summary in English] V. IA. Rusin. Pat. fiziol. i eksp. terap. 6 no. 1, 49-53 Ja-F '62.

IMMUNOLOGY
Data for the study of the effect of vitamin B_{12} on the course of experimental infection and the immunological reaction of the body [with summary in English] L. IA. Ebert, O. V. Bukharin. Biul. eksp. biol. i med. 53 no. 1, 77-81 Ja '62.
Immunological reactivity in schizophrenia and the effect on it of contemporary therapeutic substances. O. V. Kerbikov. Vest. AMN SSSR 17 no. 1, 36-43 '62.
Immunological reactivity of patients with schizophrenia during reserpine treatment. IU. A. Il'inskii. Vest. AMN SSSR 17 no. 1, 43-51 '62.
Selection method according to immunogenic properties and their significance in increasing the immunogenic activity of dysentery cultures [with summary in English] E. N. Melikova, I. G. Vasil'eva. Zhur. mikrobiol., epid. i immun. 33 no. 1, 12-17 Ja '62.
Significance of A. D. Speranskii's ideas and studies in infectious pathology and immunology. D. F. Pletsityi. Zhur. mikrobiol., epid. i immun. 33 no. 1, 5-12 Ja '62.

IMMUNOLOGY—BIBLIOGRAPHY see Bibliography—Immunology

IMPACT
Evaluating impulsive pressures caused by the fall of a drop on a hard surface. M. I. Khmel'nik. Izv. AN SSSR Otd. tekh. nauk. Mekh. i mashinostr. no. 1, 179-182 Ja-F '62.

IMPLEMENTS, UTENSILS, ETC.
Your clever helpers. S. Bobau. Belarus' 19 no. 3, 27 Mr '62.

INBER, VERA MIKHAILOVNA, 1890-
Grinberg, I. L. [Vera Inber, a critical and biographic sketch] Vera Inber, kritiko-biograficheskii ocherk. Moskva, Sovetskii pisatel', 1961. 193 p.

INCAS
A polemical article on the nature of the Inca empire. A. S. Koval'skaia. Vop. ist. no. 4, 197-198 Ap '62.

INCOME
"National income of the Union Republics" by S. Sitarian. Reviewed by V. Kuts, M. IArmolinskyi. Ekon. Rad. Ukr. no. 1, 120-122 Ja-F '62.

INCUBATION
Possible development of the animal organism in case of nitrogen substitution by helium. V. V. Boriskin and others. Dokl. AN SSSR 143 no. 2, 475-478 Mr '62.

INDANDONE
Synthesis of trans-8-methyl-5-(p-methoxyphenyl)-1-hydrindanone. G. V. Kondrat'eva, L. F. Kudriavtseva, S. I. Zav'ialov. Izv. AN SSSR. Otd. khim. nauk no. 3, 526-527 Mr '62.

INDEX NUMBERS (ECONOMICS)
Improving the system of state plan indices. B. Goncharenko, I. Maevskii. Vop. ekon. no. 3, 22-36 Mr '62.
"Theoretical problems of index analysis" by V. N. Peregudov. Reviewed by G. Edel'gauz. Vest. stat. no. 4, 83-87 '62.

INDIA—ARYANS
Harappan civilization and the "Aryan problem" [with summary in English] G. M. Bongard-Levin. Sov. etn. no. 1, 44-58 Ja-F '62.

INDIA—BOTANY
In search of rare plants; Soviet-Indian expeditions. Petr Lapin. Sov. Soiuz no. 3, 28-29 '62.

INDIA—CITRUS FRUITS
Citriculture in India (from "California Citrograph", v. 46, no. 3, 1961). Subtrop. kul't. no. 4, 101-102 '61.

INDIA—GOLD
Gold fever. Nov. vrem. 20 no. 14, 27-28 Ap '62.

INDIA—HISTORY
"Modern history of India." Reviewed by L. S. Gamalunov. Nar. Azii i Afr. no. 1 176-184 '62

INDIA—LABOR LAWS AND LEGISLATION
Egorova, M. N. [The labor law of India] Trudovoe zakonodatel'stvo v Indii. Moskva, Izd-vo vostochnoi lit-ry, 1962. 153 p.

INDIA—LEGISLATIVE BODIES
Mishin, A. A. [Parliament of the Republic of India] Parlament Respubliki Indii. [Moskva] Izd-vo Mosk. univ., 1961. 78 p.

INDIA—LEPROSY
Some problems of morbidity due to leprosy in India. K. A. Makirov. Zdrav. Kazakh. 21 no. 12 46-50 '61.

INDIA—MINES AND MINERAL RESOURCES
Raw material and the fuel supply base of ferrous metallurgy in eastern India. I. V. Sakharov. Strany i nar. Vost. no. 2 30-60 '61.

INDIA—PHYSICIANS, RUSSIAN
Hospital Kalavati Saran. V. Smirnova. Sov. kras. krest. 11 no. 4 25 Jl-Ag '61

INDIA—RELATIONS (GENERAL) WITH RUSSIA
Let's cement our friendship! N. V. TSitsin. Az. i Afr. segodnia no. 3 44 Mr '62

INDIA—SLAVERY
"Slavery in ancient India" [in English] by Dev Raj Chanana. Reviewed by E. S. Semeka. Nar. Azii i Afr. no. 1. 184-187 '62.

INDIA—STEEL INDUSTRY
Raw material and the fuel supply base of ferrous metallurgy in eastern India. I. V. Sakharov. Strany i nar. Vost. no. 2:30-60 '61.

INDIA—TEA
Pruning tea plants in India (from "Assam Review and Tea News, 1957") Subtrop. kul't. no. 1 100 '61.

INDIA—WATER RESOURCES DEVELOPMENT
Boldyrev, A. A., A. I. Il'in, and IU. M. Novikov. [Development of water resources in India] Ispol'zovanie vodnykh resursov Indii. Pod obshchei red. A. N. Voznesenskogo. Moskva, Gos. energ. izd-vo, 1961. 95 p.

INDIAN OCEAN—FISHES
A new deep-sea fish Prososcopa stilbia Rass. gen. n., sp. n. from the Indian Ocean [with summary in English] T. S. Rass. Zool. zhur. 40 no. 12 1858-1861 D '61.

INDIAN OCEAN—OCEANOGRAPHIC RESEARCH
Marine research organizations in the Indian Ocean. V. G. Bogorov. Okeanologiia 1 no. 5:937-939 '61

INDIANS see subdivision under Trinidad

INDIANS OF NORTH AMERICA
"Decomposition of the clan community and the formation of primitive class relations among the Indians of the northeastern coast of North America" by IU. P. Averkieva. Reviewed by A. Pershits. Sov. etn. no. 1 137-139 Ja-F '62.

INDIC PHILOLOGY see Indo-Aryan philology

INDIGO
Effect of solvents on the process of photochemical and thermal cis-trans-isomerization of perinaphthothioindigo. M. A. Mostoslavskii, V. A. Izmail'skii, M. M. Shapkina. Zhur. VKHO 7 no. 1:108-109 '62

INDIUM
Determination of indium in cassiterite. A. A. Rozbianskaia. Trudy Inst. min., geokhim. i kristallokhim. red. elem. no. 6 138-141 '61.

INDIUM—ANALYSIS
Ion exchange separation of indium from zinc in solutions containing sulfate ions. St. Stancheva, I. P. Alimarin, E. P. TSintsevich. Zav. lab. 28 no. 2 156-158 '62.

INDIUM CHLORIDES
Fusibility diagram of the system In - Cl. V. N. Fadeev, E. S. Petrov. Izv. Sib. otd. AN SSSR no. 1 94-97 '62.

INDO-ARYAN PHILOLOGY
"Indian literature, short critical surveys of 12 major Indian languages and literatures" [in English]. Reviewed by V. M. Beskrovnyi. Nar. Azii i Afr. no. 1: 189-192 '62.

INDOLEACETIC ACID
Effect of gibberellin and heteroauxin on the growth of leguminous plants and the formation of tubercles. M. Kh. Chailakhian and others. Izv. AN Arm. SSR. Biol. nauki 14 no. 12 25-38 D '61.

Urinary excretion of 5-hydroxyindoleacetic acid in some diseases of the nervous system [with summary in English]. L. L. Vaisvel'd. Vop. med. khim. 7 no. 3 309-313 My-Je '61.

INDOLEACETIC ACID—PHYSIOLOGICAL EFFECT
Effect of the pruning of roots and their treatment with heteroauxin on the growth of pine. A. N. Baglai. Les. khoz. 15 no. 3:38-39 Mr '62.

INDONE
Salts of 3-aminoindones. IA. F. Freimanis, G. J. Vanags. Dokl. AN SSSR 143 no. 2:354-357 Mr '62

INDONESIA—RED CROSS
Republic of the thousand islands. Sov. kras. krest. 11 no. 4 26 Jl-Ag '61

INDUCTION (MATHEMATICS)
Golovina, L. I., and I. M. IAglom. [Induction in geometry] Induktsiia v geometrii. Izd. 2., ispr. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 98 p. (Populiarnye lektsii po matematike, no. 21)

INDUCTION HARDENING
Effect of induction hardening on the properties of steel. K. Z. Shepeliakovskii. Metalloved i term. obr. met. no. 2:15-18 F '62

INDUSTRIAL ACCIDENTS
Freidlin, S. IA. [What to do in the case of industrial accidents] Chto delat' pri neschastnom sluchae na proizvodstve. [Leningrad] Medgiz, 1961. 39 p. (Nauchno-populiarnaia meditsinskaia literatura)
(DNLM)

INDUSTRIAL BUILDINGS
(see also subdivision under Ukraine)
Insuring the rigidity of one-story industrial buildings. A. V. Trispitsyn, S. L. Perel'shtein. Bet. i zhel.-bet. 8 no. 3 134-136 Mr '62

INDUSTRIAL CAPACITY see subdivision under United States

INDUSTRIAL COSTS see Costs, Industrial

INDUSTRIAL EFFICIENCY see Efficiency, Industrial

INDUSTRIAL HYGIENE
(see also subdivision under Moscow, Omsk; Vitebsk)
Brief news. Gig. truda i prof. zab. 4 no. 1:60-62 Ja '60

Brief news. Gig. truda i prof. zab. 4 no. 12 56 D '60

Correlation of general morbidity (according to patients' records) and morbidity with temporary loss of working capacity. Z. M. Mel'nikova. Sov. zdrav. 21 no. 2 41-43 '62.

Historical notes on the struggle for sanitary labor protection for industrial workers in Russia. A. P. Zhuk. Gig. truda i prof. zab. 4 no. 12. 36-38 D '60

History of labor hygiene in Russia (until 1861). B. D. Petrov. Gig. truda i prof. zab. 5 no. 6 39-42 Je '61

Machine in a "physician's office." IUrii Al'perovich. Nauka i zhizn' 29 no. 2 62-64 F '62

Making attractive work surroundings. L. Vladimirov. Znan. sila 37 no. 2:16-20 F '62.

Petrova, A. N. [Booklet on safety engineering and industrial hygiene for shaper-finishers of ceramics, porcelain and faience articles] Pamiatka po tekhnike bezopasnosti i promyshlennoi sanitarii dlia formovshchika farforovykh, fainsovykh i keramicheskikh izdelii. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 8 p. (Tekhnika bezopasnosti v promyshlennosti stroitel'nykh materialov)

The 17th Conference on Research and Practice in problems of Industrial Hygiene. V. A. Litkens. Gig. i san. 26 no. 9 99-101 S '61.

Significance of the diurnal periodicity of physiological functions in evaluating the efficiency of workers in three-shift operations [with summary in English]. G. M. Gambashidze. Gig. truda i prof. zab. 5 no. 6:13-18 Je '61

Workers of the "Kaliba" Plant. Mikhail Tovbin. Sov. kras. krest. 11 no. 4:3-4 Jl-Ag '61.

Working conditions and workers' health in the DDT industry [with summary in English]. E. N. Burkatskaia, G. A. Voitenko, E. P. Krasniuk. Gig. i san. 26 no. 9: 24-29 S '61.

INDUSTRIAL HYGIENE—BIBLIOGRAPHY see Bibliography—Industrial hygiene

INDUSTRIAL HYGIENE—CONGRESSES
Conference of young scientists. Gig. truda i prof. zab. 4 no. 2, 60 F '60.

Ninth session of the Sverdlov Institute of Work Hygiene and Occupational Pathology. B. A. Katsnel'son. Gig. truda i prof. zab. 4 no. 1, 56-57 Ja '60

Session on problems of labor protection. V. D. Bartenev. Gig. truda i prof. zab. 4 no. 1 55-56 Ja '60.

INDUSTRIAL HYGIENE—STUDY AND TEACHING see subdivision under Kharkov

INDUSTRIAL MANAGEMENT
(see also subdivision under Moscow; Sverdlovsk Province)
Determining the productive capacity of ship repair enterprises. V. A. Poliushkin. Sudostroenie 28 no. 2: 54-55 F '62

Each problem is important if you try to economize. A. I. Abramov. Agitator no. 8 52-55 Ap '62.

Gur'ianov, S. Kh., I. A. Poliakov, and K. S. Remizov. [Labor economist's reference book, method for calculating the economics of labor in an industrial enterprise] Spravochnik ekonomista po trudu; metodika raschetov po ekonomike truda na promyshlennom predpriiatii. Moskva, Izd-vo ekon. lit-ry, 1962. 285 p.

Janova, Janis. [Management of socialist industrial enterprises] Socialistisko rupniecibas uzņemumu parvaldisana. Riga, Latvijas Valsts Izdevniecība, 1960. 29 p. (Paliga ekonomiskai izglitibai) [In Latvia]

Promotion of public participation is a path for improving staff work. I. Bukharov. Fin. SSSR 23 no. 3:36-40 '62

INDUSTRIAL MEDICINE see Medicine, Industrial

INDUSTRIAL MUSEUMS
Readers continue the discussion. D. Oterin, V. Sigirin, O. Samokhvalov. Sov. profsoiuzy 18 no. 4 35 F '62

INDUSTRIAL ORGANIZATION
(see also subdivision under France)
Combining and its economic efficiency. B. Levin. Pod. samoobr. 6 no. 3 51-55 Mr '62.

Faerman, A. I. [Economic aspects and organization of welding practices] Ekonomika i organizatsiia svarochnogo proizvodstva. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1961. 94 p.

Venediktov, A. V. [Organization of state industry in the U. S. S. R.] Organizatsiia gosudarstvennoi promyshlennosti v SSSR. [Leningrad] Izd-vo Leningr. univ. Vol. 2. 1921-1934. 1961. 663 p.

INDUSTRIAL PAINTING see Painting, Industrial

INDUSTRIAL PROCUREMENT
Current problems in improving the supply of materials and equipment. N. Gal'perin. Vop. ekon. no. 3 70-78 Mr '62

INDUSTRIAL RAILROADS see Railroads, Industrial

INDUSTRIAL RECREATION
Kozlov, I. I., ed. [Health resorts of trade unions in the U. S. S. R.] Zdravnitsy profsoiuzov SSSR; spravochnik. [Moskva] Izd-vo VTsSPS Profizdat, 1962. 494 p.
(DNLM)

INDUSTRIAL RELATIONS see subdivision under Khar'kov Ust'-Kamenogorsk

INDUSTRIAL RESEARCH see Research, Industrial

INDUSTRIAL SAFETY
(see also subdivision under Kharkov)
Consultations. Bezop. truda v prom. 6 no. 3:32-33 Mr '62.

For further improvement of working conditions in plant and on construction sites. Bezop. truda v prom. 5 no. 3:1-2 Mr '62.

Petrova, A. N. [Booklet on safety engineering and industrial hygiene for shaper-finishers of ceramics, porcelain and faience articles] Pamiatka po tekhnike bezopasnosti i promyshlennoi sanitarii dlia formovshchika farforovykh, fainsovykh i keramicheskikh izdelii. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 8 p. (Tekhnika bezopasnosti v promyshlennosti stroitel'nykh materialov)

Prevention of injuries in production work. S. IA. Freidlin. Med. sestra 21 no. 1:7-12 Ja '62.

INDUSTRIAL SAFETY—BIBLIOGRAPHY see Bibliography—Industrial safety

INDUSTRIAL TELEVISION
(see also subdivision under Germany, West)
Zelenskii, S. I., and K. V. Mikhailkov, eds. [Industrial television systems] Sistemy promyshlennogo televideniia; sbornik statei. Moskva, Gos. energ. izd-vo, 1962. 243 p.

INDUSTRIAL TOXICOLOGY
Molokanov, K. P. [Roentgenology of occupational diseases and intoxications] Rentgenologiia professional'nykh zabolevanii i intoksikatsii. Moskva, Medgiz, 1961. 226 p.
(DNLM)

Occupational factors (industrial poisons) and atherosclerosis. M. A. Kovnatskii. Gig. i san. 26 no. 9:62-69 S '61.

Occupational poisoning of workers of coal mines, its treatment and prevention. E. Z. Neimark, F. Kh. Zinger. Med. sestra 21 no. 1:12-19 Ja '62.

INDUSTRIAL TRUSTS see Trusts, Industrial

INDUSTRIAL WASTES
Over-all mechanization for the processing of broken glass. D. S. Grebeniuk. Stek. i ker. 19 no. 3 39-40 Mr '62.

Purifying the waste water of textile enterprises. L. S. Razumovskii. Sbor. nauch. rab. AKKH no. 6:88-101

INDUSTRIES, ELECTRIC see Electric industries

INDUSTRIES, LOCATION OF
Gvelesiani, G. G. [Principles of the socialist distribution of production] Ob osnovakh sotsialisticheskogo razmeshcheniia proizvodstva. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1961. 135 p.

INEQUALITIES (MATHEMATICS)
Problem of inequalities between partial derivatives. S. M. Nikol'skii. Trudy Mat. inst. 64:147-164 '61.

INFANT WELFARE see Maternal and infant welfare

INFANTILE PARALYSIS see Poliomyelitis

INFANTRY see subdivision under Germany, West

INFANTS

Development of metabolic processes in infants under one year of age N F Tolkachevskaia Med sestra 21 no 3 12-16 Mr '62

Games and diversions for 2-year-old children using toy building materials R V Imanteeva, Med sestra 21 no 3 39-43 Mr '62.

INFANTS—DISEASES

Clinical course of sepsis in children during the first months of life [with summary in English] A P. Makarova, Vop. okh. mat. i det. 7 no 1 21-28 Ja '62

Intestinal obstruction in newborn infants and nursing children caused by incomplete volvulus [with summary in English] A G Pugachev, N O Krezovskaia Vop okh mat i det 6 no 12 17-24 D '61

Localized form of cytomegaly in newborn infants and during the first months of their life [with summary in English], A. V Novikova. Vop okh. mat. i det. 7 no 1 17-46 Ja '62.

Neuroblastomas of the mediastinum in neonates and nursing children [with summary in English] E A Stepanov Vop okh mat i det 6 no 12 10-16 D '61

salmonella infection in children, mainly in infants A A Lapaskin, E. M. Plik-Leventin, N. I. Shekhina Pediatriia no 2,16-21 '62

Treatment of infants with congenital clubfoot [with summary in English] N I. Kondrashin, E A Stepanov Vop okh mat i det 6 no 12 66-70 D '61

Treatment of newborn and nursing infants with acute suppurative pleurisy, [with summary in English] B. Peplov Vop okh mat. i det 6 no 12 32-35 D '61

INFANTS—GROWTH

(see also subdivision under Murmansk)

Physical development of children in the circles of Voronezh [with summary in English]. M N Zavarzaeva. Vop. okh. mat. i det. 7 no. 1:75-77 Ja '62.

Specificity of some skin-muscle reflexes in infants with proper nutrition at an orphanage E. I Arshavskaia Dokl APN S no 6 97-100 '61.

INFANTS—NUTRITION

Comparative data on the use of hemotherapy and folic acid in undernourishment in infants. A. K Kadyrov, Med zhur Uzb no 1, 16-18 Ja '62.

INFANTS (NEWBORN)

Anesthesia in surgery on newborn infants N V Memailov Vop okh mat i det 6 no 12 60-65 D '61

Clinical significance of the hand and mouth reflex [with summary in English], P. S. Bubkin. Vop. okh mat. i det. 7 no. 1:53-56 Ja '62

Dermovascular reactions in newborn infants. S. D. Dombek. Vop. okh. mat. i det. 7 no. 1 56-60 Ja '62.

Organization of surgical aid for children during the neonatal period S. IA Doletskii. Vop okh mat i det 6 no 12 3-10 D '61.

Perez reflex in newborn infants [with summary in English], A. A. Balunova, Vop. okh. mat. i det. 7 no. 1 51-53 Ja '62.

Prevention of asphyxia and intracranial hemorrhages in newborn infants and the treatment of their sequelae [with summary in English]. I. G. Bronshtein. Vop. okh. mat. i det. 7 no. 1 3-8 Ja '62.

INFANTS (NEWBORN)—DISEASES

Acute hematogenic osteomyelitis in newborn infants [with summary in English], B. M Pontzovskaia Vop okh mat i det 6 no 12 27-31 D '61

Case of congenital fibroelastosis in a 1 1/2-day-old child. O. IA. Kaufman, G. I. Nelmark. Vop. okh. mat. i det. 7 no 1, 91-94 Ja '62.

Diagnosis and treatment of sepsis in infants [with summary in English], L. G. Kvasnaia Vop. okh. mat. i det. 7 no. 1:15-21 Ja '62.

Epiphysial osteomyelitis in newborn infants. V M Derzhavin. Vop okh. mat. i det. 6 no. 12 23-27 D '61.

Pleural empyema in newborn infants [with summary in English]. TS. I Mulina, E. V. Lipkina. Vop okh mat i det 6 no. 12 36-40 D '61.

Pyodermia in the neonatal period IA. F Atlas. Med sestra 21 no. 3:18-21 Mr '62.

Rare case of cortical hyperostosis of the newborn G. L. Bilich, L. N. Shadrunova. Zdrav. Kazakh. 22 no 1 77-78 '62.

Surgical treatment of newborn infants with teratomas of the sacrococcygeal region [with summary in English] G. A. Bairov, K. L Dreier. Vop. okh. mat. i det 6 no 12 55-60 D '61.

Treating phlegmon in newborn infants [with summary in English]. G. A. Ostromoukhova. Vop. okh mat i det 6 no 12 52-55 D '61

Treatment of newborn infants with peritonitis [with summary in English]. M. D. Grashchenko. Vop okh. mat. i det. 6 no. 12:47-51 D '61.

INFANTS (NEWBORN)—GROWTH see subdivision under Novosibirsk

INFANTS (NEWBORN)—MORTALITY see subdivision under Lipetsk Province

INFANTS (NEWBORN)—NUTRITION

Physiological basis of nutrition of physiologically mature and immature neonates [with summary in English] I A Arshavskii. Vop pit 21 no 2 26-33 Mr-Ap '62

INFANTS (PREMATURE)—DISEASES

Compound treatment of pneumonia in children with early prematurity [with summary in English]. M. A. Drozdova. Vop. okh. mat. i det. 7 no. 1 31-38 Ja '62

Rickets in premature infants during the first months of life [with summary in English]. A I Egorova. Vop. okh. mat i det. 7 no. 1 38-42 Ja '62.

INFANTS (STILL-BORN) see Stillbirth

INFARCTION

Sequelae of acute obstruction of the mesenteric vessels without infarction (experimental study). V I Varlamov. Vest. khir. no. 3:68-72 '62.

INFECTION

Data for the study of the effect of vitamin B_{12} on the course of experimental infection and the immunological reaction of the body [with summary in English] L. IA Libert, O. V Bukharin. Biul. eksp biol i med 53 no 1 77-81 Ja '62.

Medicinal stimulation of the resistance of the body to infection M. V. Lazarev Kaz. med. zhur no. 5:7-12 S-O '61

"Side effects from antibiotic treatment of bacterial infections" by Kh. Planel'es and A. Kharitonova. Reviewed by A. M. Okulov. Kaz. med. zhur. no. 1 93-97 Ja-F '62.

INFECTION, FOCAL see Focal infection

INFINITE PROCESSES see Processes, Infinite

INFINITE SERIES see Series, Infinite

INFLAMMATION

"Inflammation (pathogenetic aspects)" by D E. Alpern Reviewed by V. Kh. Vylchanov Vrach. delo no. 8,149-150 Ag '61.

Morphological reactivity of mantle tissues in Mytilus edulis l I. G. Mikhailova, E. V. Prazdnikov. Trudy MMBI no 3,125-130 '61.

Role of the liver in blood serum iron reactions in experimental inflammation [with summary in English] A. M Fedotova Vop med khim 7 no 6 574-578 N-D '61

INFLUENZA

Case of a tetanus syndrome following A_2 influenza (winter, 1959). N. M. Madzhidov, U. G. Ganiev Med zhur Uzb. no. 5:83-84 My '60

Clinical aspects and treatment of viral influenza in children B. Aitbaev Zdrav. Kazakh 22 no 1 46-50 '62

Clinical picture and characteristics of the electrocardiogram in influenzal myocarditis [with summary in English] Liubomir Rusev, Georgii Nikolov Klin med no 7 88-95 '62

Comatose form of influenzal encephalitis. V I. Tankeevskaia. Kaz. med. zhur. no. 1,45-47 Ja-F '62.

Croup of parainfluenzal etiology [with summary in English] K. V. Bilunenial', A G. Bukrinskaia. Pediatriia no 2 43-48 '62

Importance of X-ray examination of the lungs following influenza in children I. M. Medzlevich Med zhur Uzb no. 1 14-16 Ja '62

Latent infection caused by para-influenza virus Sendai in laboratory animals. Report No. 2 Experimental latent infection in mice [with summary in English]. Khou IUn'-de [Hou Yun-te]. Vop. virus. 7 no. 1 111-115 Ja-F '62.

Pathogenesis of influenzal diseases of the nervous system [with summary in French]. A D. Dinaburg, E. G. Klein, A K. Shinkarenko Zhur. nevr. i psikh 61 no. 8 1129-1135 '61

Pathomorphological study of untreated influenzal pneumonia in Macaca monkeys [with summary in English]. M T Ivanov. Arkh. pat. no. 3 33-39 '62.

Role of the influenza virus in the development of diseases of the nervous system [with summary in English]. A. F Makarchenko and others. Fiziol. zhur. [Ukr.] 7 no. 6: 732-741 N-D '61.

Some results of the study of circulatory disorders in influenza. N. V. Sergeev, F. L. Leites. Vest. AMN SSSR 17 no. 2:15-22 '62

Treatment of early pneumonias in influenza using bicillin-3 [with summary in English]. A. A. Alekseeva, E. S. Efimova, T. G. Terent'eva Antibiotiki 6 no 11 975-979 N '61

Treatment of postinfluenzal disorders of the nervous system in a neurological hospital. G. M. Sidorko. Vrach. delo no. 8 134-135 Ag '61.

Zakhidov, A. Z., and L. B. Shralber. [Influenza is contagious] Gripp zarazen. Moskva, Medgiz. 1961. 18 p. (Nauchno-populiarnaia meditsinskaia literatura) (DNLM)

INFLUENZA—MICROBIOLOGY

Ability of viruses to overcome the action in inhibitors and antibodies [with summary in English]. P. N. Kosiakov, M. S. Berdinskikh, Z. I. Rovnova. Vop. virus. 7 no. 1:28-35 Ja-F '62.

Comparative study of the sensitivity of various tissue cultures to the influenza and para-influenza viruses [with summary in English]. L. IA. Zakstel'skaia, Fah I-lan [Fang I-lang]. Vop. virus. 7 no. 1:71-79 Ja-F '62.

Luminescence microscope study of tissue cultures in the initial stages of the interaction with the sendai virus [with summary in English] A. G Bukrinskaia, F. I. Fishov, V. M Zhdanov Vop virus 7 no 1 18-22 Ja-F '62

Obtaining an influenza virus from the chorioallantoic membrane of an infected chicken embryo [with summary in English]. T G Orlova, L A. Porubel' Vop. virus. 7 no 1 79-85 Ja-F '62

Pathophysiological studies of the mechanism of toxic action of the influenza virus T. A. Alekseeva Vest AMN SSSR 17 no 2 9-14 '62

Seasonal fluctuations in the reactivity to live influenza vaccines V M Zhdanov, V V Ritova Vest AMN SSSR 17 no 2,3-9 '62

INFORMATION THEORY

Experience in the teaching of a machine to distinguish visual images [with summary in English]. E. M Braverman Avtom. i telem. 23 no 3 349-364 Mr '62

Logic networks assuring incongruency of pulses from asynchronous sources. A D Talantsev Izv AN SSSR Otd tekh nauk Energ i avtom no 1 176-180 Ja-F '62

Logical sorting K M Sobolevskii Nauka i zhizn' 29 no 1 26-27 Ja '62

Measurement of delay time in communications channels using a frequency modulation method A V Knippel Izv AN SSSR Otd tekh nauk Energ i avtom no 1 186-191 Ja-F '62

Measuring information system K B Karandeev Nauka i zhizn' 29 no 1 24-25 Ja '62

Remark on the capacity of a discrete channel with no noise IU I Liubich Usp mat nauk 17 no 1 191-198 Ja-F '62

Some methods of control of complex systems I M Gel'fand, M L TSetlin. Usp mat nauk 17 no 1 3-25 Ja-F '62

INFORMATION THEORY IN BIOLOGY

An attempt of model studies on self-reproductive and evolutionary processes IU N. Keil'man. Trudy Len ob-va est 72 no 1 134-137 '61

INFRARED RAYS

Infrared equipment on fighter-pursuit planes (as revealed by foreign press data) S. P. Anosov Vest protivovozd obor no 12 41-46 D '61

Stationary luminescence of ZnS phosphors. Part 2. Electroluminescence and infrared quenching. K.-S K Rebane. Opt. i spektr. 12 no. 3:396-399 Mr '62.

INFRARED RAYS—INDUSTRIAL APPLICATIONS

Salit', A. O. [Modern industrial infrared (optico-acoustical) gas analyzers] Sovremennye promyshlennye infrakrasnye (optiko-akustiches-ie) gazoanalizatory. Leningrad, 1961. 16 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Pribory i elementy avtomatiki, no. 17)

Using gas torches with infrared radiation for drying plastered surfaces N. N Poliakov, Stroi truboprov. 7 no. 2:18 F '62

INFRARED SPECTRUM see Spectrum, Infrared

INFUSORIA

Effect of anticholinesterase drugs and acetylcholine on the rhythmic electrical activity of the infusoria Opalina ranarum [with summary in English] Kh. S. Koshtoiants, N. N. Kokina. Zhur ob biol 23 no 1,74-76 Ja-F '62

INGOT MOLDS

Graphite-bearing refractories for ingot mold bottom plates during the top pouring of killed steel Z. A. Zhikharevich, A. G. Karaulov Ogneupory 27 no 3 104-111 '62

Lubrication of open-hearth ingot molds with bitumen no. 4-5 G. Medvednikov Metallurg 7 no 2,27 F '62

INGUR VALLEY—GEOLOGY, STRUCTURAL

Some signs of Quaternary tectonics in the basin of the Ingur River. S. N. Nemanishvili Soob. AN Gruz. SSR 28 no 2:167-171 F '62

INHALATION THERAPY

Inhalation immunization with the whooping cough vaccine in an experiment on animals [with summary in English] S. N Muromtsev, G F. Maiorova, V. P. Nenashev. Zhur mikrobiol., epid i immun 33 no 2 3-8 F '62

INHALATION THERAPY—EQUIPMENT AND SUPPLIES

Apparatus for group electroaerosol therapy and preventive action. I. A. Nel'son, L. I. Stoliarov Med prom. 16 no. 1,52-57 Ja '62.

INHIBITION

Effect of hippocampal stimulation on the differential inhibition in rabbits B A Tushmalova Nauch doki vys shkoly, biol nauki no 1 78-82 '62

INLAND NAVIGATION

Introduction of automatic control of ship handling on inland waterways. I. Shmerling. Rech. transp 21 no. 2: 50-51 F '62

INLAND WATER TRANSPORTATION

(see also subdivision under Kama River, Neman River; Siberia, Western)

Basis for an optimum system of shipping lines and the most advantageous distribution of the fleet V. Savin. Rech transp. 21 no. 2:13-15 F '62

INLAND WATER TRANSPORTATION (Continued)
Current tasks of shipbuilding for inland navigation in the new seven-year plan D D Pokrovskii Trudy LIVT no.6 3-12 '60.
In the Collegium of the Ministry of the River Fleet. Rech transp. 21 no 2;60-61 F '62.

INLAND WATER TRANSPORTATION—ACCOUNTING (see also subdivision under Dnieper River)
Comparative analysis of the economic indices of ships with various power plants M I Erpichev, A M Ivlieva Trudy LIVT no 3 3-22 '60
New developments in the business relations between Dnieper Basin harbors S Znamenskii Rech. transp 31 no. 2,20-22 F '62

INLAND WATER TRANSPORTATION—COSTS
Distribution of indirect expenditures in the calculation of transportation and loading and unloading costs E. N Tikhomirova Trudy LIVT no 3 41-47 '60.

INLAND WATER TRANSPORTATION—EMPLOYEES
On the "Lomonosov." A. Spitsyn, Rech. transp. 21 no. 2,23 F '62

INOCULATION see Vaccination

INPUT-OUTPUT ANALYSIS see Linear programming

INSECT TRAPS
Comparison of the response of insects to the light of a mercury-quartz lamp and to the clear ultraviolet radiation of the same lamp [with summary in English] V. B. Chernyshev. Ent. obozr. 40 no 3;566-570 '61.
Mass flight of the gypsy moth (Lymantria dispar L.) toward the light of mercurial lamp in the vicinity of Moscow. G. N. Gornostaev. Biul. MOIP. Otd. biol. 67 no. 1 124 Ja-F '62.

INSECTICIDES
Combining ethylmercaptan with some vinyl ethers of chlorophenols. A V Kalabina, N A. Tiukavina, A. Kh. Filippova Izv. Sib. otd AN SSSR no. 1 97-101 '62.
Organic insecticides-fungicides Part 51 Interaction of triphenylphosphine with bis(dialkoxythiophosphone) disulfides, thiuram disulfide, and xanthogen disulfide. N. N [illegible] Shvetsova-Shilovskaia, T L Ilalinskaia. Zhur ob khim. 32 no. 3 847-849 Mr '62.
Use of silica gel in taking samples of air containing mercaptophos vapors M A. Trotsenko, V P. Vendt Gig truda i prof zab 4 no 1,53-54 Ja '60
Use of the new insecticide trichlorometaphos-3 for the control of fly larvae in Tashkent and Yangiyule I V. Gvozdeva Med zhur Uzb no 1 78-80 Ja '62

INSECTS
Geograficheskoe obshchestvo SSSR. Fenologicheskii sektor. [Concise program of phenological observations on insects; European part of the forest zone] Kratkaia programma fenologicheskikh nabliudenii za nasekomymi; Evropeiskaia chast' lesnoi zony. Leningrad, 1961. 48 p.

INSECTS—ANATOMY
Evolution of the leg of Trachenta. Report No 2, Evolution of the skeleton of a segment in Chilopoda. E. G Bekker. Ent obozr 40 no 3;490-500 '61.

INSECTS—CATALOGS AND COLLECTIONS see subdivision under Uzbekistan

INSECTS—DEVELOPMENT
Morphology of the fat body in autogenous female mosquitoes Anopheles bifurcatus at various stages of ontogenesis [with summary in English] O.I Solodovnikova, O.K.Gordinskii. Zool. zhur. 41 no.3;391-396 Mr '62.
Nature of cell multiplication in the central nervous system of the nymph of a house cricket (Gryllus domesticus L., Orthoptera, Insecta). A. A. Panov. Dokl. AN SSSR 143 no 2;471-474 Mr '62.
Studying the metamorphosis of Tanytarsus lauterborni Kieffer in Varvara Reservoir A. G. Kasymov, A. R. Khalilov Dokl. AN Azerb. SSR 18 no 1 89-91 '62

INSECTS—PARASITES see Parasites—Insects

INSECTS—PHYSIOLOGY
Characteristics of abdominal stretch receptors in insects [with summary in English]. B. Tashmukhamedov Zhur. Zhur. ob. biol. 23 no. 1;76-80 Ja-F '62.

INSECTS, FOSSIL see subdivision under Timan Ridge

INSECTS, INJURIOUS AND BENEFICIAL (see also subdivision under White Russia)
Agrinskii, N. I. [Insects, ticks, and mites, injurious to farm animals] Nasekomye i kleshchi, vrediashchie sel'skokhoziaistvennym zhivotnym. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1962. 287 p. (DA)
Role of food factor in the mass reproduction of pests feeding on leaves of the cruciferous plants. L. A. Stepanova. Ent. obozr. 40 no. 3;512-520 '61.

INSECTS, INJURIOUS AND BENEFICIAL—BIOLOGICAL CONTROL
Biology and economic importance of Pachyneuron solitarius Rizb. I. M. Orlov. Les. khoz. 15 no 3;56-57 Mr '62.
Who and how milks the insects? V. Tabashichuk. Vokrug sveta no. 3 52 Mr '62.

INSECTS AS CARRIERS OF DISEASE
Virus carriers, insects spreading human diseases. A. V. Gutsevich. Priroda 51 no.3,29-34 Mr '62.

INSECTS IN FOOD
Types of insect pests in food stocks. A. K. Politov. Vop. pit 21 no 2;88 Mr-Ap '62.

INSPECTION OF FOOD see Food adulteration and inspection

INSTALMENT PLAN
Our consultations A Topolev, I. Kolganov Sov profsoiuzy 18 no 4 45-46 F '62.

INSTRUMENT INDUSTRY
Holits, V. E. [Use of plastics in the manufacture of machinery and instruments] Zastosuvannia plastychnykh mas u mashino-i pryladobuduvanni. Kyiv, Derzh. vyd-vo tekhn. lit-ry URSR, 1960. 68 p.
The most urgent objective of the instrument industry. Avtom. i prib. no. 1;3-4 Ja-Mr '62.

INSTRUMENTS, DRAWING see Drawing instruments

INSTRUMENTS, ELECTRIC see Electric instruments

INSTRUMENTS, ELECTRONIC see Electronic instruments

INSTRUMENTS, MAGNETIC see Magnetic instruments

INSTRUMENTS, MEASURING see Measuring instruments

INSTRUMENTS, OPTICAL see Optical instruments

INSTRUMENTS, SURVEYING see Surveying—Instruments

INSULATION (HEAT)
Grushman, R. P., and A. G. Iashina. [Asbestos-paper cord; practice in the manufacture and use of the new heat-insulating material] Asbestobumazhnyi shnur; opyt izgotovleniia i primeneniia novogo teploizoliatsionnogo materiala Leningrad, 1962. 8 p. (Leningradskii Dom nauchno-tekhnicheskom propagandy Obmen peredovym opytom. Serlin: Stroitel'naia promyshlennost', no. 1)
Reduction of heat loss by aluminum painting of equipment N G. Chub Med prom. 15 no. 6 54 Je '61.
Thermophysical properties of expanded perlitic sand. B. V. Spektor, T. V. Lozhkina. Stroi. mat. 8 no. 2; 35-36 F '62
Use of asbestos-glass fabrics in shipbuilding! N. T. Dodonov Sudostroenie 28 no. 2;59-61 F '62.

INSULIN
Glycemic reactions to adrenaline, insulin and histamine in plague intoxication [with summary in English]. A. G Kratinov, N. M. Khar'kova. Vop med. khim. 7 no. 3 277-285 My-Je '61.
Insulin activity of the blood plasma in young and newborn rabbits in alloxan diabetes produced at various stages of pregnancy [with summary in English]. L. L Liberman, S E. Dritzgalovich-Egorova Biul eksp. biol. i med. 53 no. 2 63-66 F '62
Insulin secretion by the pancreas of a chick embryo [with summary in English]. L. G Leibson, Z. P. Zhuludkova, L. I. Chilingarian Biul eksp. biol i med. 52 no 7; 24-27 Jl '61.
Testing small concentrations of insulin by means of the isolated epididymal fat from a rat [with summary in English]. L. L. Liberman. Biul. eksp. biol. i med. 52 no 7;121-124 Jl '61.

INSULIN SHOCK
Change in the sensitivity to insulin and the dynamics of glycosuria in diabetic patients during the administration of gangliolytic preparations [with summary in English]. I. A. Drzhevetskaia, E. B. Krasnokutskaia Terap. arkh. 34 no. 2;85-90 '62.
Hormone-producing tumors of the pancreas. V. I. Korkhov. Khirurgiia no. 3;25-27 '62.

INSULIN SHOCK THERAPY
Effect of insulin and electroconvulsive seizure on the aminopherase activity of the blood serum in schizophrenic patients [with summary in English]. L. I Lando. Vop. med khim. 7 no. 6 598-604 N-D '61

INSURANCE
Kats, R. R., and V. A. Achakan. [Pensions from cooperative insurance; paragraph by paragraph commentaries] Pensii po kooperativnomu strakhovaniiu; postateinyi kommentarii. Moskva, Vses. koop. izd-vo, 1958. 157 p. (NNC)

INSURANCE, CREDIT
What remained of the "Bern alliance"? V. Mogutin. Vnesh. torg. 42 no. 3;29-32 '62.

INSURANCE, DISABILITY
Our consultations. Sov. profsoiuzy 18 no. 7;45-47 Ap '62.

INSURANCE, SOCIAL
(see also subdivision under Azerbaijan; Great Britain, Kazakhstan; Turkmenistan; Upper Volta; Uzbekistan; Volgograd Province)
Andreev, V. S. [Legal relations of state social insurance in the U. S. S. R.] Pravootnosheniia po gosudarstvennom sotsial'nomu strakhovaniiu v SSSR. [Moskva] Izd-vo Mosk. univ., 1962. 83 p.
Consultation on problems of labor [illegible] insurance. Razved i okh nedr [illegible]
Kiseley, IA. L. [Basic laws governing state [illegible] surance in the U. S. S. R.] Osnovy gosudarstvennogo [illegible] datel'stva po gosudarstvennomu sotsial'nomu [illegible] vaniiu. Moskva, Izd-vo VPSh i AON pri [illegible] 1962. 109 p.
Use the people's funds in a businesslike manner [illegible] sov. Sov. profsoiuzy 18 no. 6,27-31 Mr '62

INSURANCE, SOCIAL—EMPLOYEES [illegible] subdivision under Moscow, Olenegorsk; Revda (Sverdlovsk District); Sverdlovsk District

INSURANCE, SOCIAL—PERIODICALS
They suggested new topics. Sots. [illegible] Mr '62.

INSURANCE, UNEMPLOYMENT
Unemployment relief for machine operators [illegible] Sov profsoiuzy 18 no 4;12 F '62

INTEGRAL CALCULUS see Calculus, Integral

INTEGRAL EQUATIONS
Akademiia nauk Kirgizskoi SSR, Frunze. Institut matematiki, mekhaniki. [Studies on integral equations in Kirghizistan] Issledovaniia po integral'nym differentsial'nym uravneniiam v Kirgizii [illegible] Izd-vo AN Kirgizskoi SSR.
Vol. 1, 1961.
(NJP)
Denchev, R. [Certain operators related to [illegible] the type of Low's equation of scattering] [illegible] operatorakh, svizannykh s odnim [illegible] uravnenii rasseianiia Lou, Dubna, Ob"edin [illegible] iadernykh issl., 1962. 10 p. [With [illegible] English]
Denchev, R. [One nonlinear singular integral [illegible] the type of Low's equation of scattering] [illegible] nelineinom singuliarnom integral'nom [illegible] uravnenii rasseianiia Lou, Dubna, Ob"edin [illegible] iadernykh issl., 1962. 13 p. [With [illegible] lish]
Integral representation of Hermitian indefinite [illegible] with $\varkappa$ negative squares [with summary in [illegible]] V. I. Pliushcheva. Ukr. mat. zhur. 14 [illegible]
Kim, Che-p'yon [Kim Ze Pkhen]. [Regularization of an equation of the Chow-lou type for [illegible] $\pi + N - 2\pi + N$] Regularizatsiia uravneniia [illegible] Chu-lou dlia protsessa $\pi + N - 2\pi + N$ [illegible] Ob"edinennyi in-t iadernykh issl., 1962 [illegible] [With summary in English]
One approximate method for solving Volterra [illegible] equations. B. A. Bel'tiukov. Sib. mat. zhur. [illegible] 789-791 S-O '61.
Singular integral equation on a closed [illegible] Alekseev. Trudy mat. inst AN Gruz [illegible] '60
Some Fredholm equations solvable by [illegible] V. A. Kakichev. Izv. vys. ucheb. zav. mat. [illegible] '61.
Some notes on the theory of singular integral [illegible] with a Cauchy kernel. D. F. Kharazov, D. [illegible] idze. Soob. AN Gruz SSR 28 no. 2;179 [illegible]

INTEGRAL EQUATIONS—NUMERICAL SOLUTION
Residual term in Adams' numerical integration D. V. Ionescu. Zhur. vych. mat. i mat. fiz 157 Ja-F '62.

INTEGRALS
Order of convergence of n-singular integrals [illegible] functions. R. G. Mamedov. Dokl. AN Azerb. [illegible] no 1;3-6 '62

INTEGRODIFFERENTIAL EQUATIONS
Numerical solution of an integrodifferential [illegible] a quasilinear differential operator and a [illegible] Volterra operator. G. B. Linkovskii, V. [illegible] Sib. mat. zhur. 2 no. 5;787-800 [illegible] '61

INTERCONNECTED ELECTRIC UTILITY SYSTEMS
Concerning the determination of annually [illegible] formance and regulation of hydroelectric [illegible] operating in a consolidated electric utility [illegible] Shakhverdian. Elek sta 33 no [illegible] Ja '62
Excitation regulation with consideration of [illegible] and acceleration of synchronous machines [illegible] nin. Vest elektroprom. 33 no. 3;36 40 [illegible]
General features of the problem concerning [illegible] tion of the performance of electric power [illegible] Kartvelishvili. Izv. AN SSSR. Otd tekh [illegible] avtom. no. 1;45-53 Ja-F '62.
Plaude, K., J. Mazurs, and K. Putnins. [Interconnected [illegible] Latvian power engineering within the [illegible] system of the U. S. S. R.] Latvijas energetikas [illegible] PSRS energosistema. Riga, Latvijas Valsts [illegible] ciba, 1961. 98 p. [In Latvian]

INTERCOSTAL NERVES see Nerves, Intercostal

INTERFEROMETER
Interference spectrometer with selective [illegible] lation. V. M. Arkhipov. Opt. i spektr. 13 [illegible] 448 Mr '62.
Possibilities for using a Fabry and Perot [illegible] internal illumination. L. D. Villner, S. [illegible] A. S. Khaikin. Opt. i spektr. 12 no. 3;[illegible] '62.

INTERFEROMETRY

Theory of the amplification of an optical signal by a medium with a negative absorption coefficient. IU M Kagan, V. I. Perel', M. P. Chaĭka. Opt. i spektr 12 no. 3:427-433 Mr '62.

Use of interferometer in the investigation of reaction kinetics A IA Rozovskiĭ Kin i kat 3 no 1 154-156 '62

INTERIOR DECORATION

Chereĭskaia, M. G. [Beauty of the home] O krasote zhilishcha. Moskva, Gos izd-vo "Iskusstvo," 1961. 60 p. Illus.

If you got an apartment V Molchanov, A. Novikov Mest. prom. i khud promys. 3 no. 3:26-27 Mr '62

Store interiors. K L Jogansen Stroĭ i arkhit Len 23 no 11 23-25 N '61

INTERMETALLIC COMPOUNDS

Preparation and study of some properties of Hg_3Sb_2 IA A Ugaĭ, V. L. Gordin Zhur neorg khim 7 no 3 703 705 Mr '62

INTERMETALLIC COMPOUNDS—ELECTRIC PROPERTIES

Investigating ternary solid solutions on a basis of superconducting compounds N. N. Zhuravlev, G S Zhdanov, F M. Smirnova Fiz. met. i metalloved. 13 no. 1 62-70 Ja '62

INTERNAL FIXATION IN FRACTURES

Two cases of intraosseous fixation in open fractures of the bones of the shin. D. I. Muratov. Vest. khir., no. 3 133-134 '62.

INTERNAL MEDICINE see Medicine, Internal

INTERNATIONAL AGENCIES

[Problems of international law, international organizations] Voprosy mezhdunarodnogo prava; mezhdunarodnye organizatsii. Moskva, Izd-vo In-ta mezhdunarodnykh otnoshenii, 1961. 130 p.

INTERNATIONAL COMPETITION see Competition, International

INTERNATIONAL GEOPHYSICAL YEAR, 1957-1958

World Data Center for the International Geophysical Year Astron tsir no 223 30-31 Jl '61

INTERNATIONAL LAW

The international status of "free cities" L. A. Modzhorian Sov. gos. i pravo 32 no 3:66-76 Mr '62

Lisovskiĭ, V. I. [International law] Mezhdunarodnoe pravo. 2. izd. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 403 p.

INTERNATIONAL RELATIONS

"Collected documentary materials relating to international law and the history of diplomacy" [in Polish] Reviewed by V. N. Durdenevskiĭ. Sov. gos. i pravo 32 no 3 149 Mr '62.

The world socialist system in a new form of mutual relations of different states. Ch. Abatalipov. Komm. Uz. 34 no. 1:55-57 Ja '62.

INTERNATIONAL RELATIONS—BIBLIOGRAPHY see Bibliography—International relations

INTERNATIONALISM

"Proletarian internationalism" [in German] Reviewed by I. A Belinev. Ist. SSSR 6 no. 1:214-216 Ja-F '62.

Unity of socialist patriotism and proletarian internationalism. S Titarenko. Polit. samoobr. 6 no. 3 17-20 Mr '62.

INTERSEXUALITY see Hermaphroditism

INTERSTELLAR MATTER

Outbursts of supernovae and the interstellar medium [with summary in English] I. S. Shklovskiĭ Astron. zhur 39 no. 2:209-215 Mr-Ap '62

INTESTINAL AND PARASITIC WORMS see Worms, Intestinal and parasitic

INTESTINES

Change in the properties of the intestinal juice obtained by various methods [with summary in English]. Z. M. Gudzhieva. Biul. eksp. biol. i med. 52 no. 11 122-126 N '61.

Characteristics of compensation of functional disturbances of the stomach and small intestine following resection of the esophagus [with summary in English] G A. Orlov. Grud khir. 1 no. 4 66-71 Jl-Ag '59

Mechanism of secretion of phospholipides and nucleic acids in the intestinal juice [with summary in English] L. M. Babushkina. Vop. med khim. 7 no 3 260-265 My-Je '61.

Role of the cells of the intestinal epithelium of the villi in the mechanism of absorption of nutritional fats [with summary in English]. M. I. Razumov. Vop. pit. 21 no. 2:20-26 Mr-Ap '62.

INTESTINES—ABNORMITIES AND DEFORMITIES

Acute appendicitis in the left position of the appendix and the entire small intestine. N. I. TSarev. Vest. khir. no. 8:98-99 '61.

Duplication of the large intestine in a 5-year-old child accompanied by anemia. O. N. Bankova. Vop. okh. mat i det. 6 no. 12:75-78 D '61

Resection of the stomach for a congenital anomaly in the position of the intestines E. P. Arkhipov, K. S Zabirov, G M Kuznetsov Vest khir no. 9:132-133 '61

Surgery in atresia of the large intestine. M G. Melent'ev. Vest. khir., no. 8:100-101 '61.

INTESTINES—CANCER

Diagnosis and treatment of cancer of the large intestine I M Vorontsov Sov. med 25 no. 2 124-128 F '62

Three cases of cancer of the small intestine A A Sokolov Sov med 25 no 2 128-130 F '62

INTESTINES—DISEASES

Clinical and therapeutic observations concerning chronic segmental nonspecific enteritis [with summary in English]. N Gol'denberg, B Ostap Terap. arkh 34 no 2 90-96 '62

Clinical aspects and differential diagnosis of salmonellosis and dysentery M. S Greshilo. Vrach delo no 8 97-100 Ag '61.

Diet therapy in intestinal infections I K Musabaev. Med. zhur. Uzb. no. 1 12-15 Ap '60

Experimental biological model of colienteritis and some problems in the pathogenesis of the infection [with summary in English] A IU. Ilinitovich and others Zhur. mikrobiol., epid. i immun. 33 no. 1 83-89 Ja '62.

Inoculation of pathogenic agents and the epidemiological significance of patients with colienteritis at various stages of the disease [with summary in English] N A. IAkhnina and others. Zhur mikrobiol., epid. i immun. 33 no. 1 80-83 Ja '62.

Moscow. Vtoroi moskovskii meditsinskii institut. [Infectious intestinal diseases; transactions of the Institute] Kishechnye infektsionnye zabolevaniia, trudy instituta. Pod red. Bilibina, A. F. Moskva, 1961. 275 p. (DNLM)

Physiological role of nutritional disorders in the etiology of diseases of the gastrointestinal tract [with summary in English] N. I Putilin. Vrach delo no 2 9-15 F '62

Rare case of acute dysentery with lesion of the esophagus and small intestine. IU. IA. Vengerov, S. I. Lipkin Klin. med no 3 139-141 '62

Virological data on the differential diagnosis of different forms of intestinal virus diseases. S. U. Akberdin. Zdrav. Kazakh. 21 no. 12:41-44 '61.

INTESTINES—INNERVATION

Role of the excitability of the interoceptive apparatus of the small intestine in peritonitis in an experiment I. A. Salikhov Kaz. med zhur no. 5:52-55 S-O '61

INTESTINES—INTUSSUSCEPTION

Introduction of the small intestine through and gastroenterostomic opening into the stomach. F. A. Kadyrov, S N Ven'laminov. Khirurgiia no 3,115-117 '62.

"Invagination of the intestines in childhood" by Kh. I Fel'dman Reviewed by A. G Pugachev. Vop okh mat i det 6 no 12 83-84 D '61.

Multiple retrograde invagination of the small intestine into the stomach through a gastrointestinal anastomosis. P. I. Kulpin. Vest. khir. no. 3:122-124 '62.

INTESTINES—MICROBIOLOGY

Effect of phthalazole on some biochemical processes in the large intestine. V I Bychkova Vrach. delo no 8; 24-26 Ag '61.

Effect of small doses of polonium on the intestinal microflora and some indices of natural immunity in dogs Report No. 3 [with summary in English] O R. Nemirovich-Danchenko. Zhur mikrobiol., epid. i immun. 33 no 2:56-62 F '62.

Effect of the season of the year on the sensitivity to antibiotics of the intestinal microflora in dogs under the chronic influence of Sr^{90} [with summary in English]. O. G. Alekseeva, G. M. L'vitsina. Med. rad. no. 3, 58-61 '62.

Method for producing the Vi antigen from some bacteria of the intestinal group [with summary in English]. V. V. Kliucheva. Zhur mikrobiol., epid. i immun 33 no 2 107-109 F '62.

INTESTINES—OBSTRUCTIONS

Case history of obturative obstruction. A. A. Shamarina. Vest. khir., no. 3:124-125 '62.

Combined right strangulated inguinal hernia and volvulus of the sigmoid intestine. N. I. Pushkarev Kaz. med. zhur. no. 5:72-73 S-O '61.

Intestinal obstruction in newborn infants and nursing children caused by incomplete volvulus [with summary in English]. A. G. Pugachev, N. O. Krezovskaia Vop okh. mat. i det. 6 no 12,17-23 D '61

IUdin, S. S. [Selected works, surgery of peptic ulcer of the stomach and neurohumoral regulation of gastric secretions in man] Izbrannye proizvedeniia; khirurgiia iazvennoi bolezni zheludka i neiro-gumoral'naia regulitatsiia zheludochnoi sekretsii u cheloveka. Moskva, Medgiz, 1962. 364 p.

Simultaneous resection of the small intestine and sigmoid in volvulus. M. A. El'kin, V. P. Kleshchevnikova. Vest. khir no. 9:118-121 '61

X-ray diagnosis of the stages in the development of obturating obstruction of the small intestine. (Experimental clinical study) [with summary in English]. A. P. Khomutova. Khirurgiia no. 3, 89-94 '62.

INTESTINES—SURGERY

Aseptic regional section of the intestine. I. G. Skvortsov. Khirurgiia no. 3 111-112 '62.

Closure of an external fistula of the bile duct by means of its implantation into an isolated loop of the small intestine. A. P Lebedev. Khirurgiia no. 3 109 '62.

Simultaneous resection of the small intestine and sigmoid in volvulus M. A. El'kin, V P. Kleshchevnikova Vest khir no 9 118-121 '61

Some details of the technic for applying a pancreatic-intestinal anastomosis in resection of the pancreas [with summary in English] V I. Kochiashvili, M G. Kozina. Khirurgiia no. 3 28-33 '62

INTESTINES—TRANSPLANTATION

Free transplantation of the intestine in reconstructions of the esophagus V. I Popov, V I. Filin. Vest khir no 9, 3-9 '61

One-step intrapleural artificial esophagus created from the large and small intestines [with summary in English] P I. Andriosov Grud khir 1 no. 3:80-87 My-Je '59

INTESTINES—TUMORS

Hemangioma of the large intestine causing profuse hemorrhage. N. F. Kitoraga. Vest. khir., no. 3 125-126 '62.

Presacral enterogenic cyst P. I. Logvinenko. Vest. khir no 9 135-136 '61

INTRACRANIAL ANEURYSMS

Clinical aspects and diagnosis of rupture of an aneurysm of the system of anterior cerebral arteries [with summary in French]. D. K. Lunev Zhur nevr i psikh 61 no 8 1176-1181 '61

Morphological changes in the brain following rupture of an aneurysm of the system of anterior cerebral arteries [with summary in French] A N Koltover, I. G Lindkovskaia. Zhur nevr i psikh. 61 no 8 1182-1186 '61

Surgical treatment of aneurysm of the anterior communicating artery E. I. Kandel' Vop neirokhir no 2-9-12 '62

Treatment of multiple aneurysms of the middle cerebral artery complicated by intracerebral hemorrhage. L. IA. Livshits, E. E. Melamud Vop neirokhir no 2 48-49 '62

INTRAOCULAR PRESSURE

Experimental hypertension in the eye following artificial disturbance of the sexual glands function [with summary in English] A E. Shevalev, E M. Lipovetskaia Oft. zhur. 17 no 1 53-56 '62

INTRATRACHEAL ANESTHESIA

Endotracheal anesthesia in emergency surgical operations L. S. Dzhakson Zdrav Kazakh 22 no. 1 11-15 '62.

State of respiration during surgery on the posterior cranial fossa in children under intratracheal anesthesia [with summary in English] N F. Nikolaeva Vop neirokhir. no 2 30-34 '62.

Use of adhaegon for anesthesia of the tracheobronchial tree [with summary in English] L S Rozenshtraukh and others. Grud. khir. 2 no. 3:82-84 My-Je '60

INTRENCHMENTS

Training the soldier to loosen frozen ground. M. Efremov. Voen. vest. 41 no. 12 87-89 D '61.

INTVA VALLEY—BOULDERS

Coarse boulders in the Intva Basin A. I Pecherin Trudy Kom. chetv. per. no 26:129-132 '61.

INVARIANTS

Invariants of divisor classes for $x^k(1-x) = y^l$ curves in an l-adic circular field. D. K. Faddeev. Trudy Mat inst. 64:284-293 '61.

INVENTIONS

Innovators in the Welding and Installation Trust. IU. V. Bratin. Stroĭ. in-ho mon. 7 no 2 29-30 F '62

Plunderer
no. 2 31

Technol
Mr '6

V. I. Len
pp. 217
'62

Volchen
ficienc
teĭl i r
Kiev,
40 p.

INVESTM
East; h

INVESTM
Latin /

IODINE—

Correla
activit
gland
Med. r

Dynamic
thyroi
Frenc
psikh.

IODINE – ISOTOPES (Continued)

Late results of liver function tests in thyrotoxicosis treated with radioactive iodine N.Kh Khambiov Terap arkh. 34 no.2 72-76 '62.

Treatment of malignant neoplasms of the thyroid gland with radioactive iodine [with summary in English] I I Likhovetskaia, L. I Tushina Vest rent i rad 37 no 1, 13-17 Ja-F '62

IODINE—THERAPEUTIC USE

Effectiveness of treating arteriosclerosis with an iodine tincture of sour milk or kefir in combination with ascorbic acid I G Kharchenko, V M Dolkshitskaia-Zaton Vrach delo no 8 117-118 Ag '61

Mokhnach, V. O. [Iodine compounds with high polymers, their antimicrobial and therapeutic properties] Soedinenila ioda s vysokopolimerami ikh antimikrobnye i lechebnye svoistva. Moskva, Izd-vo Akad nauk SSSR, 1962. 176 p.

IODINE COMPOUNDS

Present state and prospects for the development of the production of bromine, iodine, and their compounds I. A Amirom, D S Stasinevich Zhur VKHO 7 no 1: 47-56 '62

ION EXCHANGE

Absorption of titanium (IV) by ion exchangers B I Nabivanets Zhur neorg khim 7 no 2 417-421 F '62.

Continuous countercurrent ion-exchange method of separation V I. Gorshkov, I A. Kuznetsov, G M Panchenkov Dokl. AN SSSR 143 no. 3,643-645 Mr '62

Effect of calcium and magnesium ions on cerussite sulfidizing and flotation processes. V.A Glembotskii, I.M. Kulikov. Izv vys. ucheb. zav., tsvet. met. 5 no.2 38-44 '62

Effect of temperature on the exchange acidity of bentonite clays activated by acids S. N Papushvili, M. S. Gergaia Soob. AN Gruz. SSR 28 no 2,159-166 F '62

Exchange of Ag^+, Pb^{2+}, Ni^{2+}, Cu^{2+} ions on bentonite A I. Komlev, K. P Sikora Ukr khim zhur 28 no 2 205-209 '62.

Separation of thallium from element impurities on an anion exchanger. G V Efremov, M N Zvereva, TS TSedevsuren Zav lab 28 no 2 159-161 '62

Structure and adsorption properties of cation-substituted forms of CaA zeolite S A Levina and others. Dokl AN BSSR 6 no. 3 164-167 Mr '62

Study of ion exchange process between H^+, Na^+, Mg^{2+} cations on the KU-1 cation exchanger. Kh. F. Azizov. Uzb. khim. zhur 6 no. 1 18-20 '62.

Studying the composition of exchange cations from the Akhaltsikhe clay rocks L G Mirimanov Soob AN Gruz SSR 27 no 3,321-324 S '61.

Studing the effect of certain factors on the sorption of complex chloro acids Pt (IV) Pd (IV), Ir (IV), and Rh (III) by EDE-10P and AN-2F anionites I N. Plaksin, A A Kolobkin Shor nauch trud GINTSVETMET no 33 88-97 '60

Synthesis of new derivatives of cellulose and other polysaccharides. Part 18. Synthesis of sulfo derivatives of cellulose cyanurate [with summary in English] L. S. Galbraikh and others. Vysokom. soed 4 no 3:408-413 Mr '62.

Thermodynamic theory of the sorption of ions of organic substances. G. V. Samsonov, A A Seleznova Dokl AN SSSR 143 no. 4 919-921 Ap '62

Using thiourea in the separation of metals by ion exchange E I. Bykov Izv. Sib otd AN SSSR no 12 72-77 '61

ION EXCHANGE RESINS

Ion exchange resins as catalysts for polymerization of unsaturated hydrocarbons N G. Poltanskii, P. E Tulupov, E F Fedorov Kin i kat 3 no 1:162 '62.

Ion exchange separation of indium from zinc in solutions containing sulfate ions St. Stancheva, I P. Alimarin, E. P TSintsevich Zav. lab 28 no 2:156-158 '62.

Production of highly purified streptomycin sulfate by means of carboxy cation exchange resins L.F.IAkhontova and others Med prom 16 no. 6 26-32 Je '61.

Sorption of alkali metal xanthates by anion exchangers. I. N. Plaksin, S. A. Tetaru. Dokl AN SSSR 143 no 3: 653-654 Mr '62.

Use of Soviet brand ion exchangers for producing glucose-1-phosphate [with summary in English]. G. V. Ivanova, N. P Lisovskaia. Vop med. khim 7 no 3.320-323 My-Je '61.

ION EXCHANGE SUBSTANCES

Use of ion exchange substances for codeine extraction. M. A. Romanchuk, L. G. Demina. Med. prom. 16 no. 2: 35-39 F '62.

IONIZATION

Electromigration of titanium (IV) ions in a medium of nitric, hydrochloric, and sulfuric acids B I. Nabivanets Zhur neorg khim 7 no. 2:412-416 F '62

Ionization potentials and the position of elements in the Mendeleev system I N. Maksimova Zhur. strukt. khim. 3 no. 1 70-79 Ja-F '62.

Kinetics and mechanism of dimerization of 1, 1-diphenylethylene in the H_2SO_4 - H_2O system. Part 1: Ionization of 1, 1-diphenylethylene in aqueous sulfuric acid. K. S. Kazanskii, S G Entelis. Kin i kat 3 no. 1 36-41 '62

Resistance of oxide-metallic coatings on glass to the action of ionizing radiations. S. M. Blekhovskii, I. I. Borisova. Stek. i ker 19 no. 1 4-6 Ja '62

Spectrophotometric study of dissociation constants of 1, 1-dinitropentane, 1, 1-dinitrohexane, and 1, 1-dinitrodecane S S Novikov and others Izv AN SSSR Otd khim nauk no 3 520-523 Mr '62.

IONIZATION OF GASES

Some supersonic gas flows considering the phenomena of dissociation and ionization. IU A. Dinkonov, U.G Pirumov. Izv. AN SSSR. Otd tekh nauk Mekh. i mashinostr. no 1 7-14 Ja-F '62.

IONOSPHERE

(see also subdivision under Ashkhabad, Moscow, Salekhard, Yakutsk)

The abnormal absorption zone of the ionosphere observed during vertical sounding B V Smirnov Probl Arkt i Antarkt no 8 63-65 '61

Plotting the diurnal current systems for Sep 1, 1957 N M Rotanova Trudy IZMIRAN no 18 87-107 '61

Relation of the ionization of the F_2 layer to solar activity and the sine of the zenith angle of the sun N. P Benkova, R V. Konnova Trudy IZMIRAN no 19 113-115 '61

Relationship between the magnitude and direction of the drift speed of ionospheric irregularities and the true altitude in the F_2 layer of the ionosphere. N M Erofeev, V P Pereiglyn Izv. AN Turk. SSR Ser fiz.-tekh., khim i geol nauk no 6 110-112 '61

IONOSPHERIC RADIO WAVE PROPAGATION

Characteristics of the E_s layer and their use in radio forecasts T S Kelbiai Trudy IZMIRAN no 19 96-112 '61

Communication at frequencies exceeding the maximum usable frequencies in case of scattering in the F layer E M. Kovalevskaia. Trudy IZMIRAN no 19 85-95 '61

Comparing the minimum usable frequencies calculated by different methods with experimental data. E M Zhulina. Trudy IZMIRAN no 19 116-130 '61.

Geographical distribution of ionospheric disturbances in the F_2 layer. E V Lavrova Trudy IZMIRAN no 19 31-43 '61

Graphic analytical method of calculating radio communication lines Sh G Shlionskii Trudy IZMIRAN no. 19 131-139 '61

Ionospheric disturbances in high latitudes and their possible prediction R. A Zevakina Trudy IZMIRAN no 19 18-30 '61.

Latitudinal variation of the stability of critical frequencies of the F_2 layer at the time of disturbances L N Liakhova Trudy IZMIRAN no 19:43-51 '61

Monthly forecast of the maximum usable frequencies for the F_2 layer in the form of world charts at the Moscow standard time. V. F. Belugin. Trudy IZMIRAN no. 19 140-150 '61.

The technique of forecasting ionospheric and magnetic disturbances and the short-range radio forecast service of the Institute of Terrestrial Magnetism, Ionosphere, and Radio Wave Propagation. L. N. Linkhova Trudy IZMIRAN no 19 3-17 '61.

Testing some methods of calculating the maximum usable frequencies for communication lines on the basis of experimental data. V N. Novysh-Bylinskaia. Trudy IZMIRAN no. 19.71-84 '61.

Verifying the "forecast of the maximum usable frequencies under different conditions of solar activity" on the basis of ionospheric data. Z. V. Voloshinova. Trudy IZMIRAN no 19 52-70 '61

IONS

Dissociation of CH_4^+, CH_3^+, CH_2^+, CH^+, H_2O^+, OH^+ ions as a result of single collisions with atoms and molecules of various gases S. E. Kuprianov Kin. i kat. 3 no 1 13-17 '62

Experimental study of the electron loss by multiply charged ions in gases [with summary in English] I S Dmitriev and others. Zhur. eksp i teor. fiz 42 no 1: 16-26 Ja '62.

Phonon scattering on impurity ions in sodium chloride crystals. E. D. Devlatkova, M. I. Kornfel'd, I. A. Smirnov. Zhur. eksp. i teor. fiz. 42 no 1:307-308 Ja '62.

IONS—MIGRATION AND VELOCITY

Deceleration of multiply charged ions in solid and gaseous media [with summary in English]. IA. A. Teplova and others. Zhur. eksp. i teor. fiz. 42 no. 1:44-60 Ja '62.

Ionic state of germanium in weak acid solutions V A. Nazarenko, G. V. Filantikova, N. V. Lebedeva. Ukr khim. zhur. 28 no. 2:266-267 '62

IOSSER (KOMI A. S. S. R.)—PUBLIC HEALTH

We cannot enter this hospital I. Karakchaev, I. Toropov. Sov. deput. trud. no. 3:72-75 Mr '62.

IRAN—HISTORY

Efendiev, O. A. [Establishment of the Azerbaijan state of the Safavid Dynasty in the early 16th century] Obrazovanie Azerbaidzhanskogo gosudarstva Sefevidov v nachale XVI veka. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1961. 206 p.

IRAQ—DESCRIPTION AND TRAVEL

Colored fog. Jiří Hanzelka, Miroslav Zikmund. Vokrug sveta no. 3 26-28 Mr '62.

IRAQ—ECONOMIC CONDITIONS

Colored fog Jiří Hanzelka, Miroslav Zikmund. Vokrug sveta no 3:26-28 Mr '62.

IRAQ—SMALL POX—PREVENTION

Measures for eradicating smallpox in Iraq A V Zakarian Zhur mikrobiol epid i immun 33 no 2 129-123 F '62

IRELAND—FOREIGN RELATIONS

Ireland and NATO play at the edge of an abyss I Sedlin Nov vrem 20 no 11 6-9 Ap '62

IRELAND—HISTORY

"The life and times of James Connolly" [in English] by C. D. Greaves Reviewed by A D Kolpakov. Nov i noveish. ist no 6 113-115 '61

IRKUTSK PROVINCE—AGRICULTURE

We have carried out the suggestions of workers B. Roman Kommunist 39 no 7 68-70 My '62.

IRKUTSK PROVINCE—ALUMINUM INDUSTRY

Bogachuk, A. I. [We are optimists] My - optimisty [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1961. 142 p.

IRKUTSK PROVINCE—BERGENIA

Anatomy and microchemistry of the leaves of Bergenia crassifolia (L.) Fritsch I N Karabasheva Trudy Irkutsk khim.-farm. inst. 12 185-190 '61

IRKUTSK PROVINCE—INDUSTRIES

Our youth will conquer Siberia. S Shchetinin Mol kommu. no 4,54-61 Ap '62

We have carried out the suggestions of workers B. Roman Kommunist 39 no 7 68-70 My '62

IRKUTSK PROVINCE—PUBLIC HEALTH

"From the history of public health in Irkutsk Province" by A. I. Malozemova. Reviewed by B D. Petrov. Zdrav. Ros. Feder 6 no 1 39-40 Ja '62.

"From the history of public health in Irkutsk Province" by A I Malozemova Reviewed by V. Bizhevskii. Sov zdrav. 21 no. 3 91 '62.

IRKUTSK PROVINCE—TURNOVER (BUSINESS)

Every district must have a well-grounded plan for commodity turnover V. Ilirov Sov torg 35 no. 1:34-34 Mr '62.

IRON

Poisoning of iron catalysts of ammonia synthesis I Kh Enikeev, A V Kiylova Kin i kat 3 no 1 130-134 '62

IRON—METALLOGRAPHY

Electron microscopy of a dislocation structure in aluminum. I. G. Orlov Fiz met i metalloved 13 no 2 288-293 '62.

IRON—METALLURGY

Effect of manganese, silicon, and aluminum on the formation and floating of iron deoxidation products V F Sokolov, P V Umrikhin Trudy Ural politekh inst no 93 123-137 '59

Kinetics of the desulfuration of iron V. N. Shikhov. Trudy Ural politekh inst no 93 100-110 '59

IRON ALLOYS

Effect of carbon and vanadium on the properties of iron-base austenite alloys K. V Gorev, L. I Shvedov Dokl AN BSSR 5 no 10 455-457 O '61

Solid solutions of germanium in α-iron A. K Shtepin, P. V. Gel'd. Fiz met. i metalloved 13 no 1 159-160 Ja '62

IRON ALLOYS—ELECTROMETALLURGY

Structure of a double electric layer at the metal - slag boundary. IU. P. Nikitin Trudy Ural. politekh inst. no 93 44-55 '59

IRON ALLOYS—MAGNETIC PROPERTIES

Investigation of iron-base alloys in the paramagnetic region V. I. Chechernikov, G. S. Galeev. Fiz met i metalloved. 13 no 1 93-96 Ja '62

IRON ALLOYS—METALLOGRAPHY

Bonding forces in crystal lattices of α-iron, Fe-Cr, and Fe-Mn solid solutions. I Kh Vaziveda Fiz. met i metalloved 13 no. 1 144-146 Ja '62.

IRON-ALUMINUM ALLOYS—HEAT TREATMENT

Effect of homogenizing on the critical degree of deformation in aluminum iron alloys. G. M Kuznetsov, L. F Grebenshchikova. Shor nauch. trud. GINTSVETMET no 33 268-270 '60.

IRON-ALUMINUM ALLOYS—METALLURGY

Efficient method of producing ferroaluminum S. F. Kaigp. A. P. Frumkin. Stal' 22 no 3 242 Mr '62

IRON AND STEEL BUILDING see Building, Iron and steel

IRON CARBIDE

Studying the orientation of the low-temperature carbide phase Fe_xC. M. P. Arbuzov, B. V. Khaenko Fiz. met. i metalloved. 13 no. 2:294-299 '62.

IRON-CERIUM ALLOYS

Effect of ferrocerium on the properties of gray cast iron. D. N. Khudokormov, A. N. Kleev. Lit. proizv. no. 3 39-40 Mr '62.

IRON COMPOUNDS

Complex formation in the system trivalent ferric ion - nitron - thiocyanate. Part 1 Isolation and study of the extractability of nitron - thiocyanate complex of iron by means of dichloroethane. A. S. Babenko, V. N. Tolmachev Ukr. khim. zhur. 28 no. 2 139-145 '62.

Some sulfhydryl compounds of trivalent iron. I. A. Kakovskii, E. A. Vershinin, A. N. Grebnev. Dokl. AN SSSR 143 no. 3 649-652 Mr '62

IRON FOUNDING

Casting and heat treatment of piston group parts from nodular iron for the IAAZ-204 and IAAZ-206 engines. V. V. Dubrov, K. K. Prokhoda. Nauk. pratsi Inst. lyv. vyrob. AN URSR 9 66-72 '60

Purpose of double modification and its mechanism [with summary in English] V. V. Dubrov. Nauk. pratsi Inst. lyv. vyrob. AN URSR 9 22-29 '60.

Some characteristics of the production of crankshafts from high strength cast iron for 5MD diesels [with summary in English] M. V. Volushchenko, A. I. Toropov. Nauk. pratsi Inst. lyv. vyrob. AN URSR 9 73-81 '60

IRON HYDROXIDES

Amakinite, a new mineral of the brucite-pyrochroite group. I. T. Korlov, P. P. Levshov. Zap. Vses. min. ob-va. 91 no. 1:72-77 '62

Primary color of sandy sediments of the lower Triassic in the Pechora coal basin. I. L. Khaitser, I. N. Ivanova, F. I. Eatsova. Dokl. AN SSSR 143 no. 2 417-419 Mr '62.

IRON IN THE BODY

Change in the content of the total iron in the blood of dogs during chronic loss of bile. R. K. Ivanova. Pat. fiziol. i eksp. terap. 6 no. 1:87-88 Ja-F '62.

Role of the liver in blood serum iron reactions in experimental inflammation [with summary in English] A. M. Fedotova. Vop. med. khim. 7 no. 6:574-578 N-D '61

IRON INDUSTRY

(See also subdivision under Sverdlovsk Province)

Ukraine. Gosudarstvennyi nauchno-tekhnicheskii komitet. Institut tekhnicheskoi informatsii. [Development of the iron-alloy industry in the U. S. S. R.] Razvitie ferrosplavnoi promyshlennosti SSSR. Kiev, Gos. izd-vo tekhn. lit-ry, USSR, 1961. 243 p.

IRON-MANGANESE ALLOYS—HARDENING

Study of phase hardening during γ ⇄ α transformations in iron-manganese alloys. I. S. Irshova, I. N. Bogachev. Fiz. met. i metalloved. 13 no. 2:300-305 '62.

IRON-MANGANESE ALLOYS—MAGNETIC PROPERTIES

Antiferromagnetism of iron-manganese alloys [with summary in English]. V. I. Sedov. Zhur. eksp. i teor. fiz. 42 no. 1:124-126 Ja '62.

IRON-MANGANESE-SILICON ALLOYS—THERMAL PROPERTIES

Viscosity of FeO - MnO - SiO_2 melts. V. G. Korpachev, S. I. Popel'. Trudy Ural. politekh. inst. no. 93 64-72 '59.

IRON MINES AND MINING

(See also subdivision under Krivoy Rog, Krivoy Rog Basin, Kursk Magnetic Anomaly; Sverdlovsk Province)

Expansion of the iron mining and ore dressing industry in the U.S.S.R. during the current seven-year period. S. M. Meleshkin. Shakht. stroi. 6 no. 3 1-3 Mr '62.

IRON-NICKEL ALLOYS—TESTING

Saturation magnetizing of iron-nickel alloys during all-around compression. I. IA. Dekhtar, D. A. Levina, V. S. Mikhalenkov. Fiz. met. i metalloved. 13 no. 2:308-310 '62.

IRON ORES

(See also subdivision under Kursk Magnetic Anomaly)

Accuracy in the determination of technological indices of iron quartzite dressing. V. S. Kharlamov. Obog. rud. 7 no. 1 45-48 '62

Flotation of quartz and iron minerals with cationic reagents. I. Kh. Vladavskii, S. I. Gorlovskii. Obog. rud. 6 no. 6:15-24 '61.

Karmazin, V. I. [Modern methods of magnetic separation of ferrous metal ores] Sovremennye metody magnitnogo obogashcheniia rud chernykh metallov. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1962. 658 p.

Use of ball-free mills for the comminution of iron quartzites. S. A. Zaikin, V. I. Karmazin, L. P. Shipov. Obog. rud. 6 no. 6:39-41 '61.

IRON ORES—ANALYSIS

Dependence of ore dressing indices in the Krivoy Rog Southern Mining and Ore Dressing Combine on ore composition and structure. A. A. Artemova, B. I. Pirogov, V. IA. Gorbatova. Obog. rud. 6 no. 6:7-14 '61

IRON OXIDES

Apparatus for the reduction of iron oxide with carbon oxide. T. T. Shevchenko. Khim. v shkole 17 no. 2 50 Mr-Ap '62.

Experiment in reducing iron from its oxide. N. Z. TSlaf. Khim. v shkole 17 no. 2:56-57 Mr-Ap '62.

IRON SILICIDE—THERMAL PROPERTIES

Heat capacity of iron silicides in the 55 - 300° K temperature range. R. P. Krentsis, P. V. Gel'd. Fiz. met. i metalloved. 13 no. 2:319-320 '62.

IRON-SILICON ALLOYS—TESTING

Longitudinal and transverse effect of the shape of ellipsoid specimens of iron-silicon alloys. Fiz. met. i metalloved. 13 no. 1 153-154 Ja '62

IRON-ZIRCONIUM ALLOYS

Iron - zirconium phase diagram. V. N. Svechnikov, A. Ts. Spektor. Dokl. AN SSSR 143 no. 3:613-615 Mr '62

IRRIGATION

(see also subdivision under Africa, Kulunda Steppe)

Changes in the physical properties of soils under irrigation (exemplified by the Kamennaya Steppe). B. P. Kaleganov. Nauch. zap. MIIVKH 19 189-201 '57

Effect of proper irrigation and fertilizing on the metabolism, growth, and development of certain kinds of trees in arid regions [in Azerbaijani with summary in Russian] Sh. G. Nadzhafov. Izv. AN Azerb. SSR Ser. biol., med. nauk no. 11 11-19 '61

Gravity-flow furrow irrigation without distributing ditches. V. A. Kutergin, N. G. Raevskaia. Nauch. zap. MIIVKH 19 164-170 '57.

Infiltration of water into the soil in furrow irrigation. V. A. Kutergin, N. G. Raevskaia. Nauch. zap. MIIVKH 19:144-163 '57.

Irrigation and fertilizer application with the help of hydraulic drills are the basis for increased crop yields. S. M. Rubin, G. S. Bichutskii. Zemledelie 24 no. 2 80-82 F '62

Some problems of subirrigation. A. A. Bogushevskii. Nauch. zap. MIIVKH 19 283-307 '57.

The technique of studying seasonal variations in the ground water of irrigated areas. V. A. Malygin. Nauch. zap. MIIVKH 19 268-282 '57.

IRRIGATION—WATER SUPPLY

Economic determination of "derived" assurance of supply to hydraulic structures and irrigating systems. Chzhou Chzhi-khao, [Chou Chih-hao] Izv. vys. ucheb. zav., energ. 5 no. 2:97-101 F '62

IRRIGATION, SEWAGE see Sewage irrigation

IRRIGATION CANALS AND FLUMES

Measures preventing seepage from farm distributing ditches. V. F. Brusentsev. Nauch. zap. MIIVKH 19 234-248 '57.

IRRIGATION FARMING see subdivision under China, Golodnaya Steppe

IRTYSH RIVER—MILLER'S THUMB

Occurrence of the miller's-thumb (Cottus gobio L.) in Western Siberia. V. G. Fedorov. Vop. ikht. 2 no. 1 89 '62.

IRTYSH VALLEY—DUST STORMS

Some data from observations of dust storms in Irtysh Valley [with summary in English]. E. A. Chakvetadze. Pochvovedenie no. 2:69-77 F '62

ISAAKIAN, AVETIK, 1875-

"Avetik Isaakian in Russian criticism." Reviewed by L. Galina. Vop. lit. 6 no. 1, 230 Ja '62.

ISFAHAN—SOCIAL CONDITIONS

"Isfahan", social and economic study by Hasan Abedi. Reviewed by IU. E. Borshchevskii. Strany i nar. Vost. no. 2:270-275 '61.

ISHCHUK, ARSEN OLEKSIIOVYCH, 1909-

"The people of Verbovka", a historical novel by Arsen Ishchuk. Reviewed by Panas Lysiuk. Ukraina no. 2 28 Ja '62.

ISOCYANIC ACID

Modification of cotton cellulose by organic diisocyanates. Kh. U. Usmanov, M. IA. Pilosov. Uzb. khim. zhur. 6 no. 1:26-38 '62.

ISOMERIZATION

Effect of solvents on the process of photochemical and thermal cis-trans-isomerization of perinaphthindigo. M. A. Mostoslavskii, V. A. Izmail'skii, M. M. Shapkina. Zhur. VKHO 7 no. 1:108-109 '62.

ISOPENTHYL ALCOHOL—TOXICOLOGY

Case of dermatitis bullosa caused by isoamyl alcohol intoxication. T. A. Bushev. Vrach. delo no. 8 132-133 Ag '61.

ISOPERIMETRICAL PROBLEMS see Calculus of variations

ISOTOPES

Isotopic effect on vapor pressure. I. B. Rabinovich. Usp. khim. 31 no. 1 101-152 Ja '62

Simplified device for mass spectrometric microdetermination of stable isotopes [with summary in English]. L. P. Bichin, I. V. Alekseev. Vop. med. khim. 7 no. 4 437-441 Jl-Ag '61.

ISOTOPES—SPECTRA

Using the frequencies of isotopic molecules for determining the force constants of XY_2 type nonlinear symmetrical molecules. R. R. Shvangiradze, Sh. Z. Dzhamagidze. Opt. i spektr. 12 no. 3:364-268 Mr '62.

ISOTOPES—THERAPEUTIC USE

Grodzenskii, D. E. [Isotopes in medicine] Izotopy v meditsine. Moskva, Gos. izd-vo lit-ry v oblasti atomnoi nauki i tekhniki, 1962. 138 p. (DNLM)

ISRAEL—COMMUNIST YOUTH LEAGUE

We are carrying torches in deep darkness. P. Levit. Ar i Mir seg. no. 3 55-56 Mr '62.

ISSYK-KUL' REGION—SHEEP

Alamanov, B. [Economics of sheep raising in the Issyk-Kul' region] Ekonomika ovtsevodstva Priissykkul'ia. Frunze, Kirgizskoe gos. izd-vo, 1960. 195 p.

ISTRA DISTRICT—LIBRARIES

Every reader should have books on the compress. V. TSipris. Kul't.-prosv. rab. 23 no. 3 10-12 Mr '62

ITALY—DESCRIPTION AND TRAVEL

Our return visit to Italy. V. Luks. Sov. deput. trud. no. 3 108-110 Mr '62

ITALY—ECONOMIC CONDITIONS

Kolosov, L. S., and N. I. Timofeev. [Italy's economic condition] Ekonomika Italii. Moskva, Izd-vo In-ta mezhdunarodnykh otnoshenii, 1960. 202 p. (MH)

ITALY—HISTORY

"The Turin proletariat during the First World War, 1914-1918" [in Italian] by P. Spriano. Reviewed by P. A. Lisovskii. Nov. i noveish. ist. no. 6 141-143 '61

ITALY—LITERATURE—PERIODICALS

Masters of culture renounce anticommunism. TS. Kin. Vop. lit. 6 no. 1:122-129 Ja '62.

ITALY—MILITARY BASES, AMERICAN

Italy, a NATO air and rocket base. V. Rychkov. Vest. Vozd. Fl. no. 12 91-92 D '61

ITALY—THEATER

In Italy. Vito Pandolfi and others. Teatr. 23 no. 3. 115-120 Mr '62

IUMUDSKII, NAZAR, 1860-1897

Nazar IUmudskii. P. Popov. Iskusstvo 25 no. 2:64-66 '62.

IUSHCHENKO, OLEKSA IAKOVYCH, 1917-

"*This was the beginning of life*", verse by O. IUshchenko. Reviewed by M. Onys'ko. Ukraina no. 6 16 Mr '62

IVANOV, MIKHAIL FEDOROVICH, 1871-1935

Hreben', L. K. [M. F. Ivanov, outstanding Soviet scientist] M. F. Ivanov - vydatnyi radians'kyi vchenyi. Kyiv, Derzh. vyd-vo sil's'kohospodars'koi lit-ry, URSR, 1961. 64 p. (DA)

IVANOV, VADIM NIKOLAEVICH, 1893-1962

Vadim Nikolaevich Ivanov. Vrach. delo no. 2 3-4 F '62

IVANOVO—VOCATIONAL EDUCATION

Heirs. IU. Matiukhin. Komsom. zhizn' no. 5 19-21 Mr '62

IVANOVO PROVINCE—DAIRYING

The miraculous "Elochka". Z. Zabotina. Sov. profsoiuzy 18 no. 7 4-5 Ap '62.

IVANOVO PROVINCE—PARASITES—RODENTIA

Helminths of rodents in Ivanovo and Gorkiy Provinces. O. K. Trinkler. Uch. zap. GGPI no. 37:102-107 '60

IZHEVSK—MOTORCYCLES

From the IZh-56 motorcycle to the "IZh-Planeta." S. Fisher. Za rul. 20 no. 3:16a-16c Mr '62.

IZMAILOV, NIKOLAI ARKAD'EVICH, 1907-1961

N. A. Izmailov, obituary. Med. prom. 16 no. 1:64 Ja '62

Nikolai Arkad'evich Izmailov, 1907-1961. Ukr. khim. zhur. 28 no. 2:271-282 '62

IZMALKOVO DISTRICT—AUDITING

From the work practice of government statistical inspections. N. Litvinov. Vest. stat. no. 4 82 '62.

JADEITITE see subdivision under Balkhash region

JAIL FEVER see Typhus fever

JAPAN—AGRICULTURE, COOPERATIVE

Some data on the agricultural cooperatives in postwar Japanese villages [with summary in English, pp. 225-226]. S. B. Markar'ian. Nar. Azii i Afr. no. 1 59-67 '62.

JAPAN—BAMBOO

Bamboo with a square trunk in Japan. Subtrop. kul't. no. 4:103-101 '61

JAPAN—ECONOMIC CONDITIONS

Bednyak, I. IA. [Japan during her transition to imperialism, the early history of Japanese monopolistic capitalism in the late 19th and the early 20th centuries] IAponiia v period perekhoda k imperializmu; stanovlenie iaponskogo monopolisticheskogo kapitalizma na rubezhe XIX - XX vv.) Moskva, Izd-vo vostochnoi lit-ry, 1962. 200 p.

JAPAN—FOREIGN ECONOMIC RELATIONS—RUSSIA

Guests from Japan Sov potreb koop 6 no 3 54-55 Mr '62

JAPAN—FOREIGN RELATIONS—RUSSIA

Kutakov, L. N. [The Treaty of Portsmouth; history of Japanese relations with Russia and the U.S.S.R. from 1905 to 1945] Portsmutskii mirnyi dogovor, ir istorii otnoshenii IAponii s Rossiei i SSSR, 1905-1945 gg. Moskva, Izd-vo sotsial'no-ekon lit-ry, 1961 289 p.

JAPAN—HISTORY

Enol'skyi, Z. A. [History of foreign oriental countries, China and Japan, 1870-1918] Istoriia krain zarubizhnoho Skhodu, Kytai i IAponiia (1870-1918), posibnyk dlia istorychnykh fakul'tetiv derzhavnykh universytetiv. Kyiv, Vyd-vo Kyivs'koho universytetu, 1961. 137 p.

JAPAN—LABOR AND LABORING CLASSES

Class struggle of the Japanese workers and the Fifth World Congress of Trade Unions Vsem prof dvizh no 2,30-31 F '62.

JAPAN—MUNITIONS

Militarization of the Japanese national economy. S. Zhuzha Mir ekon i mezhdunar otn. no. 4:104-106 Ap '62

JAPAN CURRENT see Kuroshio

JAPAN, SEA OF—FISHING

A lad from "treasure island" Mikh Izbenko. Mol. komm. no 1:117-120 Ap '62

JAPANESE LITERATURE—HISTORY AND CRITICISM

Obshchestvo po izucheniiu sovremennoi iaponskoi literatury. [History of contemporary Japanese literature. Translated from the Japanese] Istoriia sovremennoi iaponskoi literatury. Red. predisl i kommentarii N. I. Komada. Moskva, Izd-vo inostr. lit-ry, 1961 428 p.

JAPANESE SCIENTISTS see Scientists, Japanese

JAUNDICE

The child was ill with jaundice M. E Sukhareva Zdorov'e 8 no 1 14-15 Ja '62.

Significance of transaminase activity in blood serum for the differential diagnosis of parenchymatous and obstructive jaundice[with summary in English] G. M Lerer, E. K. IUzefovich. Vrach delo no 2 37-40 F '62

JAWS—DISEASES

Mandibular necrosis due to circulatory insufficiency A M. Solntsev Vrach. delo no. 2 145-146 F '62

Semenchenko, H. I. [Odontogenic osteomyelitis of the jaws; its pathogenesis, pathological anatomy, and clinical forms] Odontogennyi osteomielelit shchelep; patogenez, patologichna anatomiia i klinichni formy Kyiv, Derzh. med. vyd-vo URSR, 1961. 152 p. (Bibliioteka praktychnoho likaria)
(DNLM)

JAWS—RADIOGRAPHY

Lapidus, F. I. [Tomography of the maxillofacial region] Posharove rentgenologichne doslidzhennia shchelepnoiyts'ovoi dilianky. Kyiv, Derzh. med vyd-vo URSR, 1961. 177 p.
(DNLM)

JAWS—SURGERY

Use of plastic (egmass-12) in maxillofacial surgery. S. Z. Zaliallutdinova. Kaz. med. zhur. no. 1:49-51 Ja-F '62.

JAZZ MUSICIANS see subdivision under United States

JEHOVAH'S WITNESSES see subdivision under Nikolayev Province, Stanislav Province

JEJUNUM—DISEASES

Perforation of the jejunum into the mesentery. M. D. Skopets. Khirurgiia no. 3, 123 '62.

JEJUNUM—SURGERY

Reconstructive gastrojejunoduodenoplasty in pathological syndromes after resection of the stomach. IU. T. Komorovskii. Vest. khir. no. 3:32-43 '62.

JEJUNUM—TRANSPLANTATION

Pathogenesis and prevention of complications following operations to replace the stomach with a loop of jejunum. N. S. Timofeev. Vest. khir. no. 9:10-21 '61.

JEJUNUM—ULCERS

Repeated resection of the stomach in perforating ulcer of the gastrointestinal anastomosis. T. S. Vilimovskii. Vest. khir. no. 3:120-121 '62.

JERBOAS

Microscopic structure of the compact substance in long tubular bones of jerboas [with summary in English]. E. A. Klebanova. Zool. zhur. 41 no. 3 426-436 Mr '62.

JET STREAM see subdivision under Arctic regions

JETS—FLUID DYNAMICS

Propagation of a jet of conductive fluid in a cocurrent flow of the same fluid in a magnetic field. E. P. Ivanov. Trudy LPI no. 217:95-101 '61.

Propagation of a radial slot jet in a radial cocurrent flow. O. N. Bushmarin. Trudy LPI no. 217 64-70 '61.

Propagation of an axisymmetrical turbulent jet the external surface of a circular cylinder along its generatrix N. I. Akatnov. Trudy LPI no. 217 17-26 '61

Theory of jets of conductive fluids. E. P Ivanov. Trudy LPI no 217 109-114 '61.

JEWELRY TRADE see subdivision under Moscow

JEWS

[Jews and the Jewish people; a collection of materials from the Soviet daily and periodical press] Evrei i evreiskii narod; sbornik materialov iz sovetskoi ezhednevnoi i periodicheskoi pechati. [London, Contemporary Jewish Library, 1960?-]
Vol. I.
(CSt-H)

JEWS—RELIGION see Judaism

JEWS IN LITERATURE

[Jews and the Jewish people; a collection of materials from the Soviet daily and periodical press] Evrei i evreiskii narod, sbornik materialov iz sovetskoi ezhednevnoi i periodicheskoi pechati. [London, Contemporary Jewish Library, 1960?-]
Vol. I.
(CSt-H)

JOB DESCRIPTIONS

Methods for classifying the work performed by engineers and technicians according to its complexity. IA. Gomberg Sots trud 7 no. 3:76-81 Mr '62.

JOINTS—DISEASES

Articular syndrome in systemic lupus erythematosus [with summary in English]. L. I. Nesgovorova. Terap. arkh 34 no. 3 91-93 '62.

Bykhovskii, Z. E. [Rheumatic and nonrheumatic diseases of the joints and their sanatorium-health resort treatment] Revmaticheskie i nerevmaticheskie zabolevaniia sustavov i ikh sanatorno-kurortnoe lechenie. Moskva, Medgiz, 1962. 338 p.
(DNLM)

JOINTS—RADIOGRAPHY

Rubasheva, A. E. [Sectional X-ray diagnosis of diseases of the bones and joints] Chastnaia rentgenodiagnostika zabolevanii kostei i sustavov. Kiev, Gos. med. izd-vo USSR, 1961, 460 p.
(DNLM)

JOINTS—SURGERY

Restoration of the injured ligamentous apparatus of the acromioclavicular articulation by a new method. A. I. Maltsev. Vest. khir. no. 3:112-114 '62.

JOINTS—TRANSPLANTATION

Hemiarthrosis transplantation in an experiment and in the clinic. Report No. 2. A. S. Imamaliev. Ortop., travm. i protez. no. 2:9-15 '62.

JOINTS—TUBERCULOSIS

All-Russian Conference on Osteoarticular Tuberculosis (November 17-22, 1961 in Leningrad). IA. M. Kritskii Kaz. med. zhur. no. 1:99-100 Ja-F '62.

JOINTS (GEOLOGY) see subdivision under Yenisey Valley

JORDAN VALLEY—ARCHITECTURE, MOHAMMEDAN

"Khirbat al Mafjar, an Arabian mansion in the Jordan Valley" [in English] by R. W. Hamilton. Reviewed by L. S. Bretanitskii, S. B Pevzner. Nar. Azii i Afr. no 1. 192-194 '62.

JOURNALISM

(see also subdivision under China)

Characteristics of a journalist's work. E. I azobnik. Sov. Ukr 12 no. 1,167-179 Ja '62.

Krupatkin, B. L. [Spirit of the people] Dusha naroda, [Tiumen'] Tiumenskoe knizhnoe izd-vo, 1961. 281 p.

Leningrad, Universitet. [Newspaper genres] Problemy gazetnykh zhanrov; sbornik statei. Leningrad, 1962. 185 p.

JUDAISM

Livshits, G. M. [Origin and reactionary nature of Judaism] Proiskhozhdenie i reaktsionnaia sushchnost' iudaizma. Minsk, Gos. izd-vo BSSR. Red. massovo-polit. lit-ry, 1962. 39 p.

JUMPING PLANT LICE

Revision of the species of the genera Aphalara Frst. and Craspedolepta Enderl. (Homoptera, Psylloidea) in the fauna of the U. S. S. R Report No. 1 M. M. Loginova. Ent oboz. 40 no. 3:602-623 '61.

JUPITER (PLANET)

Absolute photographic photometry of Jupiter and Saturn with light filters. V. N. Lebedinets. Uch. zap KHGU 91:187-239 '57.

Possibility of the existence of a ring of comets and meteorites around Jupiter [with summary in English] S. K. Vsekhsviatskii. Astron. zhur. 38 no. 2:280-302 Mr-Ap '62.

A ring around Jupiter. I. T. Zotkin. Astron. zhur. 39 no. 2:303-304 Mr-Ap '62.

JUSTICE, ADMINISTRATION OF

Lenin on the strict observance of socialist law V n k knig 2 no 3 1 Mr '62

Tkachenko, IU. G [Implementation of the rules of socialist law] Primenenie norm sovetskogo sotsialisticheskogo prava Moskva, M-vo vysshego i srednego spetsial'nogo obrazovaniia RSFSR, 1960. 15 p. (Tekisi po kursu teorii gosudarstva i prava, no. 18)
[MICROFILM]

JUTE—DISEASES AND PESTS

Using antibiotics for controlling root rot in sunhemp and jute S A Askarova Trudy Vses inst eksper i mikrobiol 17 115-116 '60

JUVENILE DELINQUENCY

(see also subdivision under France, Germany, East, Latvia, Sweden)

"Special features of pretrial investigation and judicial examination of juvenile delinquency cases" by O. M. Min'kovskii. Reviewed by A. A. Lipp I. V. Vvedenskii zav. pravo. 6 no. 1:183-186 '62.

KABARDINO-BALKAR A. S. S. R.—COMMUNIST YOUTH LEAGUE

[Militant path of the Communist Youth League of Kabardino-Balkaria; collected articles and reminiscences] Boevoi put' Komsomola Kabardino-Balkarii, sbornik statei i vospominanii. Nal'chik, Kabardino-Balkarskoe knizhnoe izd-vo, 1960. 136 p.
(MH)

KABARDINO-BALKAR A. S. S. R.—WHEAT

Causes of winter wheat failure in the Kabardino-Balkar A S S R A T Kesheva. Nauch dokl vyss shk i nauki no. 1 206-209 '62

KACHIN—FLIGHT TRAINING

"Winged squadron" by V. Puntus Reviewed by V I shin Av i kosm 44 no. 2,03-04 '62.

KADZHARAN REGION—ORE DEPOSITS

Correlation of rhenium, selenium and tellurium in Kadzharan copper-molybdenum deposit [with summary in English]. K. A. Karamian. Geokhimiia no 2 171-174 '62.

KAGAN, DAVID IL'ICH, 1894-1959

David Il'ich Kagan, obituary Gig i sanit 4 no 1 59 Ja '60

KAINARSKII, IL'IA SEMENOVICH, 1903

Il'ia Semenovich Kainarskii; on his sixtieth birthday Ogneupory 27 no. 2 99-100 '62.

KAKHOVKA—MUSIC—STUDY AND TEACHING

We are training club officers P. Ilabenko Sovet k no. 2 21 F '62

KAKHOVKA RESERVOIR—SEEPAGE

Observations in situ on seepage around the abutments of earth dams of the Kakhovka hydroelectric power station on the right and left banks O IA. Dilnyk R I dian. Visti Inst gidrol i gidrof AN URSR no 12 113 '61

KALBA RANGE—GEOCHEMISTRY

Distribution of rare alkalies and minerals in granitoids (B, F) in granitoids of the Kalba Massif (Eastern Kazakhstan) [with summary in English] G. P. Grigor'ev, A. I. Znamenskii Geokhimiia no 12:1108-1114 '61

KALESNIK, STANISLAV VIKENT'EVICH, 1901

On the 60th birthday of Stanislav Vikent'evich Kalesnik. Vop. geog. no. 54 157-161 '61.

KALIKINO (GORKIY PROVINCE)—RAILROAD REPAIR SHOPS

Foremost collective. M. N Provodina Put' i put khoz 6 no. 3 35-37 Mr '62.

KALININ—SHEET METAL WORK—PRODUCTION STANDARDS

Developing consolidated time norms for guillotine shearing of sheet metal. S. Sharov. Biul. nauch. inform i tekh. i zar. plata 5 no. 3:41-47 '62.

KALININ PROVINCE—STUDENT TEACHING

Let's bring class advisers and teachers closer G. A. Tkacheva. Doshk. vosp. 35 no 1 49-50 Ja '62

KALININ PROVINCE—WAGES—TEXTILE INDUSTRY

Paying bonuses to the workers for the quality of production. S. Chumanov. Sots. trud 7 no. 3:1 Mr '62.

KALININGRAD—WOODPULP INDUSTRY—EQUIPMENT AND SUPPLIES

With the help of efficiency promoters. M. M. Tsar, M. V. Shvetsova Bum. prom. 37 no. 3:17 Mr '62

KALININO—COAL PREPARATION PLANTS

It will be a fine day. P. Skubko. Sov. shakht 11 no 9-10 Ap '62

KALININSKIY DISTRICT—POULTRY

Skripaeva, M. V. [For 150 eggs from each layer] Faktsiaits of kazhdoi kuritsy-nesushki. Frunze, Kirgizgos. izd-vo, 1960. 30 p. (Peredovoi opyt v sel'skom khoziaistve Kirgizii)
(DA)

KALINOVKA DISTRICT—RURAL LIBRARIES
Nonstaff library science instructors I Nykoliuk Sots kul't no 2 35-37 F '62

KALUGA—ART INDUSTRIES—EXHIBITIONS
What the exhibition has shown P Burdykin. Mest prom i khud. promys. d no 3,30 Mr '62

KALUGA—MACHINERY INDUSTRY
We have also contributed to the success of our group N I Ilyinova Sov profsoiuzy 18 no 3 26-27 F '62

KALUGA—PUBLIC HEALTH
Healthday in Kaluga. V. S. Khrushchev, V. O. Gotlib. Sov zdrav 21 no 3;31-33 '62.

KALUGA PROVINCE—COLLECTIVE FARMS
Organization of farming and remuneration on a collective farm G Prudnikov Kommunist 39 no 7:33-10 My '62

KAMA RIVER—INLAND WATER TRANSPORTATION
Nevolinist roadstead must be preserved. I Borisov, IA. Zhirnov Rech transp 21 no. 2;7-9 F '62.

KAMA VALLEY—LUMBER—TRANSPORTATION
Economy of transit lumber transportations in the Volga-Kama basin P T. Turovskii Trudy LIVT no. 3 46-52 '60

KAMA VALLEY—PALEOBOTANY
Flora and vegetation of the Akchagyl stage in the region of the lower Kama. L. M IAtaikin. Nauch. dokl. vys. shkoly, biol. nauki no. 1 135-139 '62.

KAMCHATKA—BARK BEETLES
Bark beetles (Coleoptera, Ipidae) of Kamchatka [with summary in English] A. I. Kurentsov, D. G. Kononov Ent. obozr 40 no. 3:595-601 '61.

KAMCHATKA—NAMES, GEOGRAPHICAL
History of the origin of geographical names in Kamchatka. V. I. Vonkobolnikov. Izv. Vses. geog. ob-va 94 no. 1 55-61 Ja-F '62.

KAMCHATKA—TREMATODA
New trematodes of fish eating birds in Kamchatka. F. N. Morozov. Uch. zap. GGPI no 27;5-12 '60.

KAMENETS-PODOL'SKIY—CASTLES
Dudians'ka, T. M. [The Castle of Kamenets-Podol'skiy; an architectural monument from the 14th to the 18th century] Zamok u Kam'ianets'-Podil's'komu, pam'iatnyk arkhitektury XIV-XVIII st. st. Kyiv, Derzh vyd-vo lit-ry z budivnytstva i arkhitektury URSR, 1961. 15 p. illus.

KAMENNAYA MOGILA—PETROGLYPHS
Rudyns'kyi, M. IA. [Kamennaya Mogila; collection of rock drawings] Kam'iana mohyla; korpus naskel'nykh rysunkiv. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 139 p. illus.

KAMENNAYA STEPPE—SOIL PHYSICS
Changes in the physical properties of soils under irrigation (exemplified by the Kamennaya Steppe). B. F. Kaleganov. Nauch. zap. MIIVKH 19 180-201 '57.

KAMYZYAK REGION—SNAKES
Seasonal changes in the occurrence of male and female representatives of water and grass snakes V. K Markuze Nauch dokl vys shkoly. biol nauki no 1 29-31 '62

KANEVSKAYA DISTRICT—POULTRY
Obligations have been fulfilled. A. Kolesnikov. Ekon. sel'khoz. 33 no.1:56-58 Ja '62.

KANEVSKII, AMINADAV MOISEEVICH, 1898-
Khalamiskii, IU. IA. A. Kanevskii. [Moskva] Iskusstvo, 1961. 141 p.
(MH)

KANTOROVICH, LEONID VITAL'EVICH, 1912-
Leonid Vital'evich Kantorovich, on his 50th birthday. Sib. mat. zhur. 3 no. 1:5-6 Ja-F '62.

KAOLIN see subdivision under Kyshtym

KARA-BOGAZ-GOL (GULF)—CONGRESSES
Conference on the Kara-Bogaz-Gol problem; session of the Caspian Section of the Oceanographic Commission. V. M. Zhirnov. Okeanologiia 1 no. 5:931-933 '61

KARA-BOGAZ-GOL (GULF)—SALT DEPOSITS
Problems in future comprehensive study of the gulf Kara-Bogaz-Gol. A. I. Dzens-Litovskii. Trudy Len. ob-va est. 72 no. 1:58-61 '61.

KARA-BOGAZ-GOL REGION—GEOGRAPHY
The Caspian Sea and Kara-Bogaz-Gol Gulf. A. I. Dzens-Litovskii. Izv. Vses. geog. ob-va 94 no. 1:34-44 Ja-F '62.

KARA-KALPAK A. S. S. R.
TSapenko, N. G., and Turaunbai Tadzhimov. [Kara-Kalpak A. S. S. R.; a concise reference manual] Kara-Kalpakskaia ASSR; kratkii spravochnik. Tashkent, Gos. izd-vo Uzbekskoi SSR, 1960. 108 p. illus., fold. map.
(CSt-H)

KARA-KALPAK A. S. S. R.—WOMEN—RIGHTS OF WOMEN
From the history of the struggle of the Communist Party for the liberation of women in the Kara-Kalpak A. S. S. R Z. M Bikkulova Obshchestv nauki v Uz 6 no 1 27-33 '62

KARA KUM CANAL REGION
A garden will grow there N Zelenskaia. Vokrug sveta no. 3 17-20 Mr '62

KARA KUM CANAL REGION—RECLAMATION OF LAND
This is interesting to know. Otv na vop. rab no. 10 13, 10, 52, 59-60 '61

KARA KUM RESERVOIR—MOSQUITOES
Anophelogenic significance of the shallow waters in the Kara Kum Reservoir. B N Kazantsev Sbor. rab po mal i gel'min no 2 151-161 '59.

KARA SEA—METEOROLOGY, MARITIME
Characteristics of the weather and circulation regime over the Greenland, Barents, and Kara Seas during the formation and transformation of the west-east atmospheric circulation pattern. T. M Khoreva Trudy AANII 240 95-146 '61

KARA SEA—OCEAN CURRENTS
Thermal capacity of currents in the Kara Sea E. I Chaplygin Probl Arkt i Antarkt no 8 19-28 '61

KARA SEA—TEMPERATURE
Role of Atlantic waters in the hydrological and ice conditions of Arctic seas (exemplified by the Kara Sea) V V Panov Probl Arkt. i Antarkt no 8 75-77 '61
Thermal capacity of currents in the Kara Sea E. I. Chaplygin Probl Arkt i Antarkt no 8 19-28 '61

KARA-TAU—ROCKS—ANALYSIS
Admixture-elements in the rocks on the Kara-Tau complex in the Mangyshlak Peninsula L. B. Mnushkin. D. Kh. Khairutdinov Izv AN Kazakh. SSR. Ser geol no 4 73-76 '61.

KARA-TAU—SCORZONERA
Historical basis for the present state of Scorzonera tau-saghyz Lipschiz et Bosse in the mountains of Kara-Tau. A. D. Pintaeva. Trudy TashGU no 187 42-46 '61.

KARABAKH RANGE—RUNOFF
Role of snow waters in the formation of the spring runoff in rivers of the Karabakh Range N. A. Veliev Trudy Tbil NIGMI no 9 175-177 '61

KARACHAY-CHERKESS AUTONOMOUS AREA—BOTANY, MEDICAL
Plants used in popular medicine in the Karachay-Cherkess Autonomous Area. R M Seredin, G N. Kadaev. Trudy Len. khim. -farm. inst. 12;367-382 '61.

KARACHAYEVSK—MOTORBUSES
A man who followed the dictates of his heart, story of an unusual propagandist G Gusev Komsom zhizn' no. 7,29-30 Ap '62.

KARACHI, LAKE—BRACHIOPODA
Artemia salina (L.) var milhausenii(Fischer) in the lake of the Karachi Mud Bath Health Resort, *Western Siberia* N K Dekabakh Nauch. dokl vys shkoly, biol nauki no 1 9-11 '62

KARADAG REGION—OIL WELLS—ACIDIZATION
Petroleum acid treatment of bottom hole zones in fields of the Oil Field Administration of the Karadag Petroleum Trust. IA K. Ilinusov. Azerb. neft. khoz. 40 no. 10 27-28 O '61.

KARAGANDA BASIN—COAL MINES AND MINING
[Karaganda coal basin; reference book] Karagandinskii ugol'nyi bassein, spravochnik. Pod obshchei red. A. A. Bolko i B. I. Lernera. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1962. 387 p.
Technical and economic basis for the depth of cross-cutting under the conditions of the Karaganda Basin. Z. Inkarbaev, Sh. G. Bolgozhin. Sbor. nauch. trud. Kaz GMI no. 19:140-147 '60.

KARAGANDA BASIN—MINE TIMBERING
Efficiency of using the MOK-1 powered battery stull. R. M Molodkii, Sh. G. Balgozhin. Sbor. nauch. trud. Kaz GMI no. 19:148-155 '60.

KARAGANDA PROVINCE—MINERAL WATERS—PHYSIOLOGICAL EFFECT
Experimental data on the effect of mineral waters from the Dzhusaly Springs on the secretory function of the stomach. A. L Kornakova Zdrav. Kazakh 22 no. 1, 50-53 '62.

KARAKUL SHEEP
Somitic differentiation in the fetuses of Karakul sheep (Ovis aries Karakul [with summary in English]. L. V. Dantilova. Izv. AN SSSR. Ser. biol. 27 no. 1:70-83 Ja-F '62.

KARAKUL SHEEP—FEEDING AND FEEDS
Determining the real assimilation of feed calcium by karakul sheep with the help of Ca^{45}. A. A. Ptashkin, V. E. Starkova, A. B. Li. Uzb. biol. zhur. 6 no. 1:57-62 '62.

KARAVAEV, VLADIMIR AFANAS'EVICH, 1811-1892
Outstanding representative of Russia surgery Vladimir Afanas'evich Karavaev, on the 150th anniversary of his birth. M. I. Kolomiichenko Khirurgiia no. 3 131-134 '62.
Vladimir Afanas'evich Karavaev on the 150th anniversary of the his birth I. P Alekseenko. Vrach delo no. 8 144-145 Ag '61.

KARELIA—LAKES
"Lakes of Karelia"; reference book Reviewed by G. U. Lindberg, G. Kh. Shaposhnikova. Ryb khoz 37 no 11: 90-91 '61

KARELIA—PAPER INDUSTRY
Paper technicians of Karelia improving the equipment and economics of the production A. P Matiushkina. Bum prom 37 no 3;5-6 Mr '62

KARELIA—PASTURES AND MEADOWS
Organization of research on the surface improvement of meadow vegetation in Karelia. V. A. Zaikova Bot zhur 47 no 2,229-231 F '62

KARELIA—QUARTZITE
Bedded structures of Jatulian quartzites in Karelia I N Lobanov Izv vys. ucheb zav. geol i razv 5 no 2 32-40 F '62

KARELIAN ISTHMUS—CENTAUREA
Culture of Rhaponticum carthamoides (L.) Iljin in the Karelian Isthmus B P Kozlov Trudy Len khim -farm inst. 12 319-321 '61.

KARPINSKII, NIKON KARPOVICH, 1745-1810
Nikon Karpovich Karpinskii, on the 150th anniversary of his death S I Shavtsov. Vrach delo no 8 145-146 Ag '61.

KARPOGORY DISTRICT—TITMICE
Composition and stations of titmouse flocks [with summary in English] G. N. Sevast'ianov. Zool zhur 40 no. 12;1899 D '61

KARSHI—PAPPATACI FEVER
Pappataci fever in the town of Karshi G. E. Sarankin. Med zhur Uzb. no 5;79 My '60

KARST—CONGRESSES
Nauchnoe soveshchanie po izucheniiu karsta. 3d, Moscow, 1956. [Survey of the state of karst studies in the U. S. S. R and abroad] Obshchie voprosy karstovedeniia, [materialy]. Moskva, Izd-vo Akad. nauk SSSR, 1962. 246 p

KARTING
Seven victories in ten competitions. V. Gashinskii, E. Slavskii. Za rul. 20 no. 3:14 Mr '62.

KARTS (MIDGET CARS)
(see also subdivision under Riga)
Technical requirements of go-karts. L Zelikson. Za rul. 20 no. 3;15 Mr '62.

KARYOKINESIS
Daily periodicity of mitotic activity of the corneal epithelium in rats and mice during starvation [with summary in English] O. T. Movchan. Biul eksp biol i med. 52 no 7 103-106 Jl '61.
Nature of cell multiplication in the central nervous system of the nymph of a house cricket (Gryllus domesticus L., Orthoptera, Insecta). A. A. Panov Dokl. AN SSSR 143 no. 2:471-474 Mr '62

KASHKIN, PAVEL NIKOLAEVICH, 1901-
Sixtieth birthday of Pavel Nikolaevich Kashkin. Antibiotiki 6 no. 11:1048-1049 N '61.

KASHPIR—SHALE
Methods for the purification of tar water from the thermal processing of shales of the Kashpir deposits. B I Ivanov, K. A. Galutkina Trudy VNIIT no 10 203-210 '61

KAS'IANOV, ALEKSANDR MIKHAILOVICH, 1906-1961
In memory of Aleksandr Mikhailovich Kas'ianov. Stroi i arkhit. 9 no. 11 40 N '61.

KATUN' VALLEY—RUNOFF
Mean annual runoff of rivers in the Katun' Basin. A. M. Komlev Izv. Sib. otd AN SSSR no. 12 101-104 '61

KAUNAS—COMMUNIST YOUTH LEAGUE
We are for independence. A. Sulcas. Komsom. zhizn' no. 5,11 Mr '62.

KAUNAS—DESCRIPTION
Gulbinskiene, A., V. Ceineckis, and P. Kezinaitis. [Kaunas, its past, present and future] Kaunas, Jo praeitis, dabartis ir ateitis. [Kaune] Valstybine politines ir moksliines literaturos leidykla, 1960. 143 p. illus. [In Lithuanian]

KAUNAS—PRINTING
Workers of the Pozhela printing house strive for high quality of output. I. Dalinskis. Poligr. proizv. no 2: 6-7 F '62

KAZAKH DISTRICT—POTTERY
Archaeological explorations in the Caucasian area [in Azerbaijani with summary in Russian]. G. S Ismailov. Dokl. AN Azerb SSR 18 no 1 93-98 '62

KAZAKH LANGUAGE—GRAMMAR, COMPARATIVE—RUSSIAN

Begaliev, Gali, Seil'Zhienbaev, and I Utukbaev [The Kazakh language, textbook for adults] Kazak tili, uchebnik kazakhskogo iazyka dlia vzroslykh Almaty, Kazaktyn memlekettik oku-pedagogika baspasy, 1959 211 p

KAZAKH LANGUAGE—INTERJECTIONS

Surybaev, Sh. Sh. [The interjection in the Kazakh language] Mezhdometie v kazakhskom iazyke, Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1959. 136 p.

KAZAKH LANGUAGE—SYNTAX

Scientific syntax of the Kazakh language [in Kazakh] R Sarsenbaev, K. Esenov Vest AN Kazakh SSR 18 no 3,90-92 Mr '62

KAZAKH LITERATURE—HISTORY AND CRITICISM

Must criticism be regarded in this manner? R. Berdibaev. Vop. lit. 6 no. 2 183-184 F '62.

KAZAKHS see subdivision under Mangyshlak Peninsula

KAZAKHSTAN

Central Asian and Kazakh organization committee of the conference on the study of the Quaternary Period G F Tetiukhin Trudy kom chetv per no 20 176-177 '61

KAZAKHSTAN—AGRICULTURAL WORKERS

Soveshchanie rabotnikov sel'skogo khoziaistva respublik Srednei Azii, Azerbaidzhana i iuzhnykh oblastei Kazakhstana, Tashkent, 1961 [Materials of the Conference of Agricultural Workers of Central Asia, Azerbaijan, and Southern Areas of Kazakhstan] [Materialy] Tashkent, Gos. izd-vo Uzbekskol SSR, 1962 358 p. (Za rabotu, tovarishchi khlopkoroby!) (DA)

KAZAKHSTAN—AGRICULTURE

Boiarskii, F. F., and K. N. Shalabaev, comps [Nikita Sergeevich Khrushchev in Kazakhstan, March 1961] Nikita Sergeevich Khrushchev v Kazakhstane, mart 1961. Alma-Ata, Kazakhskoe gos. izd-vo, 1961. 362 p

KAZAKHSTAN—BAUXITE

Using geophysical methods to search for Kazakhstan Mesozoic bauxites S P. Babaiants, G N Zavarzin Razved i okh nedr 28 no 2 28-34 F '62

KAZAKHSTAN—BOOKSELLERS AND BOOKSELLING

New development in Kazakhstan N. Grekhovodov. Sov knizh. torg. 14 no. 3 28 Mr '62

KAZAKHSTAN—BORING

Work practice of I. A. Butyrskikh's crew. I. F. Godov Razved i okh nedr 27 no 12 56-57 D '61.

KAZAKHSTAN—BOTANY

Basic regularities in the flora and vegetation of Kazakhstan N V. Pavlov Trudy TashGU no. 187,28-41 '61.

KAZAKHSTAN—BOTANY—DICTIONARIES

Materials for a botanical dictionary S. Aiystangaliev, E. Ramazanov. Trudy Inst. bot. AN Kazakh SSR 11 241-269 '61.

KAZAKHSTAN—BROMINE

Distribution of bromine in the silt of inland waters [with summary in English] A. I. Mun, Z. A Bazilevich Geokhimiia no. 2 175-180 '62.

KAZAKHSTAN—BRONZE AGE

"Eastern Kazakhstan in the Bronze Age" by S S. Chernikov. Reviewed by V. Sorokin. Sov. etn. no. 1-124-130 Ja-F '62

KAZAKHSTAN—BUDGET

From the history of the development of the budget of the Kazakh S. S. R M. Asfanditarova. Vest. AN Kazakh. SSR 17 no 12,88-96 D '61.

KAZAKHSTAN—CALLIGONUM

New species of the genus Calligonum L. from Kazakhstan. M I. Godvinskii. Trudy Inst. bot. AN Kazakh. SSR 11 178-202 '61.

KAZAKHSTAN—CHEMISTRY, TECHNICAL—RESEARCH

The 22d Congress of the CPSU and the development of geological, technical, and chemical sciences at the Academy of Sciences of the Kazakh S.S R. R.A. Borukaev. Vest. AN Kazakh. SSR 17 no. 12-38-50 D '61.

KAZAKHSTAN—COAL MINES AND MINING

Some problems relating to price regulation in the coal mining of Kazakhstan. IU. M. Rozental', A. V. Rudimova. Izv AN Kazakh SSR Ser ekon., filos i prava no 2 66-75 '61

KAZAKHSTAN—COLLECTIVE FARMS

Communal economy of collective farms is the principal source for continuous improvement in the material prosperity of collective farmers, based on the material of the Kazakhstan collective farms Izv. AN Kazakh SSR Ser. ekon , filos. i prava no 2 76-88 '61.

Optimal size for collective farm production brigades and crews in Kazakhstan. V. Borovskii. Ekon. sel'khoz. 33 no. 1 90-95 Ja '62.

KAZAKHSTAN—COLLECTIVE FARMS—FINANCE

The growth of accumulation and capital investments on the collective farms of Kazakhstan P. S Shim Izv A Kazakh SSR Ser ekon , filos i prava no 2 25-39 '61.

KAZAKHSTAN—COLLECTIVE FARMS—INTERFARM COOPERATION

Interfarm production relations in Kazakhstan V L Galfianov Izv AN Kazakh SSR Ser ekon , filos i prava no 2 11-24 '61

KAZAKHSTAN—COMMUNIST YOUTH LEAGUE

Larin, V. I [Communist Youth League of Kazakhstan at construction projects of the seven-year plan] Komsomol Kazakhstana na stroikakh semiletki Alma-Ata, Ob-vo po raspr polit i nauchn. znanii Kazakhskoi SSR, 1960 47 p

KAZAKHSTAN—CORN BREEDING

Effect of alien pollen from different genera and species on self-fertilization in corn A T. Seisebaev Vest. AN Kazakh SSR 18 no 3;88-89 Mr '62.

KAZAKHSTAN—ECONOMIC CONDITIONS

Lukauskas, Algirdas, and Antanas Marcinkevicius. [The giant awoke] Pakilęs galiunas Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 59 p. [In Lithuanian]

KAZAKHSTAN—EDUCATION

Schools of the Inner (Bukeevskaia) Horde in the second half of the 19th century T T Tazhibaev Trudy Inst ist , arkheol i etn AN Kazakh SSR 11 126-153 '61

Sharipov, A [Forty years of the public education of Kazakhstan] Narodnoe obrazovanie Kazakhstana za 40-let Alma-Ata, Ob-vo po raspr ostranenilu polit. i nauchn znanii Kazakhskoi SSR, 1960 47 p.

KAZAKHSTAN—ENCEPHALITIS

Clinical characteristics of a new form of encephalitis in the Kazakh S. S R. (Encephalitis I.). Sh Sh Shamansurov Med zhur. Uzb no 5;27-29 My '60.

KAZAKHSTAN—FORAGE PLANTS

Some conceptions and terms used in agricultural description of plants, the zone of arid steppes and semideserts of central Kazakhstan D S Smirnov Trudy Inst bot. AN Kazakh. SSR 11 101-109 '61.

KAZAKHSTAN—FORAMINIFERA, FOSSIL

Some new Upper Visean and Lower Namurian species of Foraminifera in southwestern and central Kazakhstan M V Vdovenko Paleont. zhur no 1 41-46 '62.

Stratigraphy and fauna of Foraminifera of Cretaceous and Paleogene sediments in northern Kazakhstan, the trans-Ural region, and the eastern slope of the Urals. A. I Eremeeva, N. V Belousova Mat. po geol. i pol. iskop Urala no. 3,3-112 '61.

KAZAKHSTAN—FORESTRY RESEARCH

Strengthen the ties between science and production M Kirikanov Les khoz 15 no 2 12 F '62

KAZAKHSTAN—GEOCRONITE

Geocronite in the ores of the Uzunzhal deposit in central Kazakhstan N. M Mitrofaeva. Izv AN Kazakh SSR, Ser geol no 4 97-103 '61

KAZAKHSTAN—GEOLOGY

Chetverikova, N. P. [Ordovician and Silurian sediments in the western part of central Kazakhstan] Ordovikskie i siluriiskie otlozhenila zapadnoi chasti TSentral'nogo Kazakhstana. Izd-vo Moskovskogo universiteta, 1960. 97 p. (Materialy po geologii tsentral'nogo Kazakhstana, vol. 1) [With summary in English]

Congratulatory telegram to the Central Committee of the CPSU. Izv AN Kazakh. SSR, Ser geol no. 4 V '61

Geology of Kazakhstan in the new stage of its development. Izv. AN Kazakh. SSR. Ser. geol no 4 VI '61

KAZAKHSTAN—GEOLOGY—MAPS

Practice of using the PAB-43 compass in large-scale geological mapping. V. A. Petrov. Razved. i okh. nedr 27 no.10 52-53 O '61.

KAZAKHSTAN—GEOLOGY, ECONOMIC

Basic problems of the geology in the Kazakh S S R Sh E. Esenov Izv AN Kazakh. SSR. Ser. geol. no 4 XVIII-XXVI '61

KAZAKHSTAN—GEOLOGY, ECONOMIC—RESEARCH

The 22d Congress of the CPSU and the development of geological, technical, and chemical sciences at the Academy of Sciences of the Kazakh. S. S. R. R. A. Borukaev. Vest. AN Kazakh. SSR 17 no 12-38-50 D '61.

KAZAKHSTAN—GEOLOGY, STRATIGRAPHIC

Martynova, M. V. [Stratigraphy and brachiopods of the Famennian stage in the western part of central Kazakhstan] Stratigrafiia i brakhiopody famenskogo iarusa zapadnoi chasti tsentral'nogo Kazakhstana. Izd-vo Moskovskogo universitata, 1961. 208 p., 28 plates (Materialy po geologii tsentral'nogo Kazakhstana, vol. 2) [With summary in English]

Triassic sediments in southern Kazakhstan. A K. Buvalkin, V. I. Vlasov. Izv AN Kazakh. SSR. Ser geol. no 4 19-30 '61

KAZAKHSTAN—GEOLOGY, STRUCTURAL

Zaitsev, IU. A. [Hercynian tectonic pattern in the western part of the Sary-Su--Tengiz watershed and the Ulu-Tau] Gertsinskaia tektonicheskaia struktura zapadnoi chasti Sarysu-Tenizskogo vodorazdela i Ulu-Tau. Izd-vo Moskovskogo universiteta, 1961 175 p (Materials, po geologii tsentral'nogo Kazakhstana, vol. 3) [With summary in English]

KAZAKHSTAN—GIRAFFES, FOSSIL

New species of Samotherium for Kazakhstan A I Godina Paleont zhur. no 1;131-139 '61.

KAZAKHSTAN—GOVERNMENT OWNERSHIP

State ownership in Kazakhstan and its role in the development and improvement of socialist production relations L A Rakhlia, G I. Mikulanis Izv AN Kazakh SSR Ser ekon , filos i prava no 2 3-13 '61.

KAZAKHSTAN—GRANITE—ANALYSIS

Geochemical characteristics of albitized granites [with summary in English]. I. G. Ganeev, N. P. Serebrian Geokhimiia no. 2;140-146 '62.

KAZAKHSTAN—HISTORICAL RESEARCH

Work of the historians of the Kazakh S S R [A. I. Ivanov, R B Suleimenov Ist SSSR 6 no 2 [illegible] '62

KAZAKHSTAN—HISTORY

Bolsembiev, K. B. [Ideological and political currents in Kazakhstan in the late 19th and the early 20th centuries] Ideino-politicheskie techenila v Kazakhstane kontsa XIX-nachala XX vekt. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1961. 378 p.

A letter to the editor A. P. Kuchkin Ist SSSR [illegible] 231-236 Mr-Ap '61.

KAZAKHSTAN—INDUSTRIES

Preparation of essential economic conditions for the elimination of fundamental differences between mental and manual work, based on the material of Kazakhstan industry. A. I. Zharmenov. Izv. AN Kazakh SSR Ser. ekon , filos i prava no. 2 40-54 '61

Some problems concerning the reproduction of fixed assets in the heavy industry of Kazakhstan. I. A Aubakirov Izv AN Kazakh SSR, Ser. ekon , filos. i prava [illegible] 54-65 '61

KAZAKHSTAN—INSURANCE, SOCIAL

Kazakhstan. Sots. obesp. 23 no.3 33-35 [illegible] '62.

KAZAKHSTAN—LITHUANIANS

Lukauskas, Algirdas, and Antanas Marcinkevicius. [The giant awoke] Pakilęs galiunas. Vilnius, Valstybine politines ir mokslines literaturos leidykla, [illegible] [In Lithuanian]

KAZAKHSTAN—MATHEMATICS

The 22d Congress of the CPSU and the development of physical and mathematical sciences at the Academy of Sciences of the Kazakh S.S R. M. V. Pentegova [illegible] AN Kazakh. SSR 17 no 12 28-37 D '61

KAZAKHSTAN—MUSIC

Vernal forces of art. K. Kuzhamberdiev. Sov. muz. 27 no 3;33-36 Mr '62

KAZAKHSTAN—PALEOBOTANY

Description of Devonian flora of Kazakhstan [illegible] A Senkevich Mat. po geol. i pol iskop. Kazakh [illegible] 211 '61.

KAZAKHSTAN—PALEONTOLOGY

Exhibition of the Kazakhstan nature. I. G. Galkina, V. [illegible] Bazhanov, T. N. Nurumov. Priroda 51 no. 1;62 [illegible] Mr '62.

KAZAKHSTAN—PHYSICS

The 22d Congress of the CPSU and the development of physical and mathematical sciences at the Academy of Sciences of the Kazakh S S.R. M. V. Pentegova [illegible] AN Kazakh. SSR 17 no. 12,29-37 D '61.

KAZAKHSTAN—POLIOMYELITIS—PREVENTION

Prospects for eradicating poliomyelitis in the Kazakh S S R. Kh. Zh. Zhumatov, K. A. Kostina, I. G. [illegible] Zdrav. Kazakh. 22 no. 1;57-62 '62.

KAZAKHSTAN—PROSPECTING

Problems of geological investigations in Kazakhstan in the light of the decisions of the CPSU. K I Satpaev. Izv. AN Kazakh SSR, Ser. geol no 4 X-XVII '61

KAZAKHSTAN—RAILROAD BRIDGES—MAINTENANCE AND REPAIR

Our methods of bridge maintenance. IU M. Sanin Put' i put. khoz 6 no. 3 19 Mr '62.

KAZAKHSTAN—RESEARCH

Concluding speech. K. I. Satpaev. Vest. AN Kazakh. SSR 17 no. 12 73-77 D '61.

To the Central Committee of the CPSU and Comrade N. S. Khrushchev. Vest. AN Kazakh. SSR 17 no. 12 [illegible] D '61.

For a new golden age of science in Kazakhstan. Vest. AN Kazakh. SSR 17 no. 12;78-80 D '61.

KAZAKHSTAN -- RESEARCH (Continued)
Resolution of the General Assembly of the Academy of Sciences of the Kazakh S S R. devoted to the tasks of scientists of the Academy of the light of the decisions of the 22d Congress of the CPSU Vest. AN Kazakh. SSR 17 no. 12 5-9 D '61

The 22d Congress of the CPSU and problems in the development of science in Kazakhstan. K I Satpaev Vest. AN Kazakh SSR 17 no. 12 10-28 D '61

KAZAKHSTAN—REVOLUTION OF 1905
Labor movement and the peasant unrest in Kazakhstan in 1905-1907 B S. Sukhanov Trudy Inst ist , arkheol i etn AN Kazakh SSR 11 3-74 '61

KAZAKHSTAN—SILT
Distribution of bromine in the silt of inland waters [with summary in English] A I Mun, Z A. Bazilevich Geokhimiia no. 2 175-180 '62.

KAZAKHSTAN—SOCIAL CONDITIONS
"Asia" railway station Safonov Sov profsoiuzy 18 no 5 38 Mr '62

KAZAKHSTAN—SOCIAL SCIENCE RESEARCH
The 22d Congress of the CPSU and the development of biological and medical sciences at the Academy of Sciences of the Kazakh S S R. N U Bazanova Vest. AN Kazakh. SSR 17 no 12:57-62 D '62.

The 22d Congress of the CPSU and the development of social sciences at the Academy of Sciences of the Kazakh S S R S N. Pokrovskii Vest AN Kazakh. SSR 17 no 12:63-72 D '61.

The 22d Congress of the CPSU and the development of biological and medical sciences at the Academy of Sciences of the Kazakh S. S. R. N U Bazanova. Vest. AN Kazakh. SSR 17 no. 12:57-62 D '62.

KAZAKHSTAN—STEPPE FLORA
Shrubby steppes of the central Kazakhstan undulating plain (in the subzone of arid desert steppes) Z V. Karamysheva. Trudy Inst. bot AN Kazakh. SSR 11;27-48 '61.

KAZAKHSTAN—STRIP MINING
Physicomechanical properties of rocks and angles of incline of the sides of some Kazakhstan pits M L. Rudakov, A P. Ld. Trudy Gor -geol inst. UFAN SSSR no. 57:33-45 '61.

KAZAKHSTAN—SUSLIKS
Characteristics of the distribution of yellow and small susliks in their shared habitat [with summary in English] Iu A. Dubrovskii. Zool zhur. 40 no 12 1868-1873 D '61

KAZAKHSTAN—TECHNOLOGY—RESEARCH
The 22d Congress of the CPSU and the development of geological, technical, and chemical sciences at the Academy of Sciences of the Kazakh. S. S. R. R. A. Borukaev. Vest. AN Kazakh SSR 17 no. 12 38-50 D '61

KAZAKHSTAN—THAWING
Losses of snow water through infiltration and accumulation in the drainage basin during the snow melt in northern Kazakhstan. A. B. Zavodchikov. Meteor. i gidrol. no. 3 39-43 Mr '62.

KAZAKHSTAN—THORIUM
Geochemistry of uranium and thorium in granite rocks of the Kyzyltau Massif (central Kazakhstan) [with summary in English] V. I. Baranov, Du-Le-tian'(Tu-I ieh-t'ien) Geokhimiia no. 12;1059-1067 '61.

KAZAKHSTAN—URANIUM
Geochemistry of uranium and thorium in granite rocks of the Kyzyltau Massif (central Kazakhstan) [with summary in English]. V. I. Baranov, Du-Le-tian'(Tu-I ieh-t'ien) Geokhimiia no. 12;1059-1067 '61.

KAZAKHSTAN—WATER, UNDERGROUND—MAPS
Map predicting the water potential based on the principle of permeability. L. IA. Tomshinum. Razved. i okh. nedr 27 no. 10;43-46 O '61.

KAZAKHSTAN—WHEAT
Specific features of the ripening of wheat grain in northern and central Kazakhstan [in Kazan with summary in Russian]. F. A. Polimbetova. Vest. AN Kazakh. SSR 17 no. 12 97-102 D '61

KAZAN—CIVIC IMPROVEMENT
Tumakov, P. D. [Kazan today and tomorrow] Kazan' segodnia i zavtra. Izd. 2., dop. Kazan', Tatarskoe knizhnoe izd-vo, 1961. 59 p.

KAZAN—PHYSICAL EDUCATION AND TRAINING
If you want to be healthy A. Sherel'. Sov profsoiuzy 18 no 1 30-31 F '62

KAZAN—PHYSICALLY HANDICAPPED—REHABILITATION
Graduates enter life. K. Abdiushev, A. Litvinov. Sots. obesp. 23 no 3:43 Mr '62.

KAZAN—TECHNOLOGICAL INNOVATIONS
Not in the line of duty but in voluntary spirit. B Antin. Sov. profsoiuzy 18 no. 6:12-13 Mr '62.

KAZAN—WORMS, INTESTINAL AND PARASITIC
Control of helminthiasis in Kazan (1951-1959). V. IA. TSareva, TS. D. Matt, S. A. Baigulova. Kaz. med. zhur. no. 1:89-92 Ja-F '62.

KAZI-MAGOMED REGION—SEPULCHRAL MONUMENTS
More on tiles of the Pir-Gusein Mausoleum. N A Sarkisov Dokl AN Azerb SSR 17 no 9 845-850 '61

KEL', MYKOLA
"By the road" by Mykola Kel'. Reviewed by Petr Morhachko Sov Ukr. 12 no 1,160-163 Ja '62

KEMEROVO PROVINCE—CONSTRUCTION INDUSTRY—FINANCE
For strengthening business accounting in the construction industry. F Artamonov Fin SSSR 23 no. 3,59-63 Mr '62

KEMEROVO PROVINCE—MOTORCYCLE RACING
An answer written for form only from Kemerovo. Za rul. 20 no. 3 25 Mr '62.

KEMEROVO PROVINCE—POLIOMYELITIS—PREVENTION
Epidemiological effectiveness of immunization against poliomyelitis using an inactivated vaccine according to data from six cities in Kemerovo Province B A Zamotin, A P. Vysokovskaia Zhur mikrobiol , epid i immun 33 no 2 121 F '62

KEMEROVO PROVINCE—YOUTH—EMPLOYMENT
Members of the Communist Youth League work in the most significant sectors V. Zaluzhnyi Mol kommu no 4,62-68 Ap '62

KENIGSBERG, EMMANUIL IAKOVLEVICH, 1903-1961
Emmanuil IAkovlevich Kenigsberg, obituary. Zdrav. Bel. 8 no 1:77 Ja '62.

KENT, ROCKWELL, 1882-
Rockwell Kent, artist, writer and publicist M Prokofeva. Otv. na vop rab no. 10 28-35 '61

KERATOCONJUNCTIVITIS
Changes of micro- and macroorganisms in shigella keratoconjunctivitis M N Shashkhina Izv AN Turk SSR Ser biol nauk no 1 54-62 '62

KERCH PENINSULA—WORLD WAR, 1939-1945
Shkola, N.A. [This is how Kerch' fought] Tak srazhalas' Kerch'; vospominaniia. Simferopol', Krymizdat, 1961 151 p.

KERCH STRAIT—CITIES AND TOWNS, RUINED EXTINCT, ETC
Submarine explorations in 1958 V D Blavatskii, V. I Kuzishchin Krat soob Inst arkheol no 83 136-138 '61.

KERCH STRAIT—FISHING BOATS
Floating unit for the reception and processing of anchovies I. M. Mogilevskii Ryb. khoz 37 no 10:63-65 '61.

KERCH STRAIT—HYDROGRAPHY
Some characteristics of sea level fluctuations in the Kerch Strait. L. N. Kropachev, O. I. Shaitan. Okeanologiia 1 no. 5:837-845 '61

KETONES
Aryl mercury derivatives of keto enols and phenols A N Nesmeianov, D. N. Kravtsov Izv AN SSSR Otd khim nauk no 3;431-438 Mr '62

Exchange reactions of ketals of aromatic ketones T. I. Temnikova, V. V. Takhistov Zhur VKHO 7 no 1 115-116 '62

KETONES—OPTICAL PROPERTIES
Optical activity and conformation of some alicyclic ketones. M V. Vol'kenshtein, I O Levitan Zhur strukt khim 3 no 1 60-66 Ja-F '62

KHABAROVSK—CLIMATE
Climatic conditions of Khabarovsk. I A. Michurina. Amur. shor. no 2,135-150 '60.

KHABAROVSK TERRITORY—ALLUVIAL PLAINS
Alluvium and vegetation in the flood plains of mountain rivers of the middle and lower Amur Basin A. P. Nechaev Amur shor no 2;168-176 '60.

KHABAROVSK TERRITORY—MINES AND MINERAL RESOURCES
Mineral resources in the middle and lower Amur Basin within the Soviet Union V. A. IArmoliuk. Amur shor no. 2;218-240 '60.

KHANKA LAKE REGION—ROCKS, IGNEOUS
Favorskaia, M. A., and others. [Magmatic activity and metallogenic features of the Sikhote-Alin' Range and the Lake Khanka region] Magmatizm Sikhote-Alinia i Prikhankaiskogo raiona i ego metallogenicheskie osobennosti. Moskva, Izd-vo Akad nauk SSSR, 1961 327 p. (Akademiia nauk SSSR. Institut geologii rudnykh mestorozhdenii, petrografii, mineralogii i geokhimii Trudy, no. 45)

KHAMAR-DABAR RANGE—FIR
Characteristics of the fir taiga of the Khamar-Dabar Range N A Epova Trudy BKNII no 4 141-163 '60.

KHARKO, LEV PETROVICH, 1899-1961
L. P. Kharko; obituary. Vest. drev. ist. no. 1:202 '62.

KHARKOV—DIESEL LOCOMOTIVES
Nezym, IU. S. [Struggle for a high title] U borot'bi za vysoke zvannia. Kyiv, Derzh. vyd-vo tekhn. lit-ry URSR, 1961. 22 p.

KHARKOV—EFFICIENCY, INDUSTRIAL
Main link. V Soshenko. Komsom. zhizn' no. 4 10-15 F '62

KHARKOV—ELECTRIC INDUSTRIES—HYGIENIC ASPECTS
Approved and forgotten V Myznikov and others Sov profsoiuzy 18 no 4 20 F '62

KHARKOV—INDUSTRIAL HYGIENE—STUDY AND TEACHING
Teaching labor hygiene in the 12th term at the Sanitation and Hygiene Faculty of the Kharkov Medical Institute [with summary in English] Z D Gorkin, M I Chernigovskii Gig truda i prof zab i no 2 36-37 F '60

KHARKOV—INDUSTRIAL RELATIONS
Main link V Soshenko. Komsom zhizn' no 4 10-15 F '62

KHARKOV—INDUSTRIAL SAFETY
Role of assistant medical personnel in the prevention of industrial injuries at the Sergo Ordzhonikidze Tractor Plant at Kharkov V. S. Kostrikov, L S Efimov Med sestra 21 no 1 43-47 Ja '62

KHARKOV—MACHINERY INDUSTRY
Foreman Hurai's dreams A. Karavaiev Ukraina no 2 18-19 Ja '62

KHARKOV ASTRONOMICAL OBSERVATORY
Forty-years of activities at the Astronomical Observatory of the Kharkov State University N. P. Barabashov Uch zap KHGU 81 5-13 '57

KHARKOV PROVINCE—AMATEUR ART ACTIVITIES
Art activities of true amateurs D Zelens'kyi Sots kul't no 2 22-23 F '62

KHARKOV PROVINCE—ANTIQUITIES
New materials from the burial mounds near the Cheremushny village P D Liberov Krat soob Inst arkheol no 83 104-109 '61

KHARKOV PROVINCE—MOUNDS
New materials from the burial mounds near the Cheremushny village. P. D Liberov Krat soob Inst arkheol no. 83 104-109 '61

KHARKOV PROVINCE—RURAL LIBRARIES
Books help in work G Kokotova Klub i no 2 8 F '62

KHARKOV PROVINCE—SUGAR INDUSTRY
Determining labor involved in the output of sugar factories L Vainshtein, M Gerber Biul nauch inform trud i zar. plata 5 no. 3 10-12 '62

KHERSON—TEXTILE WORKERS
We are masters here. N Umanskii Sov. profsoiuzy 18 no 3 21 F '62

KHERSON—THEATER
Second birth N. Burlak Sov. Ukr 12 no. 1:150-160 Ja '62

KHERSON PROVINCE—FOUNDING
Specializing founding production in the Kherson Economic Council. O. Koshkarov Ekon Rad. Ukr. no. 1 79-83 Ja-F '62.

KHEYYAKHA VALLEY—CONCRETIONS
Primary color of sandy sediments of the lower Triassic in the Pechora coal basin. L. L. Khatiser, L. N. Ivanova, G. I. Entsova Dokl. AN SSSR 143 no 2,417-419 Mr '62

KHINCHIN, ALEKSANDR IAKOVLEVICH, 1894-1959
Aleksandr IAkovlevich Khinchin B V Gnedenko Mat pros. no 6 3-6 '61

KHINGAN-ARKHARA DISTRICT—AGRICULTURE
Hectare of land. S. Khananykin Kul't -pros. rab 23 no 3 17 Mr '62

KHIVA OASIS—COINS, ANCIENT
An ancient coin from Khorezm Oasis in the collection of the Samarkand Museum and some problems in the history of Khorezm coinage in the pre-Kushan period B. I. Vainber. Vest. drev. ist. no. 1:125-132 '62.

KHIVA OASIS—MAN, PREHISTORIC
"The ancient inhabitants of Khorezm according to paleoanthropologic data" by T A. Trofimova Reviewed by V Ginzburg. Sov. etn no. 1:117-119 Ja-F '62.

KHLOPIN, NIKOLAI GRIGOR'EVICH, 1897-1961
In memory of N G Khlopin V. P. Mikhailov. Vest. AMN SSSR 17 no 2,95 '62.

KHMEL'NITSKIY PROVINCE—COLLECTIVE FARMS—MANAGEMENT
Concentration of production and its effect on labor productivity and costs on collective farms. A Storozhuk, V Zimovets. Vop ekon no 3 146-154 Mr '62.

KHMEL'NITSKIY PROVINCE—HISTORY—STUDY AND TEACHING
Regional studies in Soviet schools, based on the materials of Khmel'nitskiy Province in the Ukrainian S S. R. S. D Babishin Ist. SSSR 6 no 2:237-238 Mr-Ap '62

KHOREZM OASIS see Khiva Oasis

KHOROL DISTRICT—SWINE—FEEDING AND FEEDS
Let's take a pencil Anton Batrak Ukraina no 6 5-6 Mr '62

KHRUSHCHEV, NIKITA SERGEEVICH, 1894-
Bolarskii, F. F., and K. N. Shalabaev, comps. [Nikita Sergeevich Khrushchev in Kazakhstan; March 1961] Nikita Sergeevich Khrushchev v Kazakhstane, mart 1961. Alma-Ata, Kazakhskoe gos. izd-vo, 1961. 362 p.

KHRUSTALEV, ALEKSANDR ALEKSANDROVICH, d. 1961
In memory of Aleksandr Aleksandrovich Khrustalev. Gig. i san. 26 no. 9 115-116 S '61.

KIDNEYS
Method for detecting the basal membranes and connective tissue of the glomerulus of the kidney. B. N. Tsibel. Arkh. pat. no. 3 77-79 '62

KIDNEYS—ABNORMITIES AND DEFORMITIES
Dystopia of the kidneys, simulating acute appendicitis V. I. Khrushchev. Khirurgiia no. 3 94-96 '62.

KIDNEYS—CANCER
Subfascial extracapsular nephrectomy in hypernephroid cancer of the kidney. V. V. Gol'dberg. Vest. khir. no. 8;109-116 '61.

KIDNEYS—DISEASES
Characteristics of the course of experimental cytotoxic nephritis under the influence of steroid hormones [with summary in English] L. R. Poliantseva. Pat. fiziol. i eksp. terap. 6 no. 1;93-89 Ja-F '62
Clinical aspects of interstitial nephritis I. D. Mishenin. Zdrav. Bel. 8 no. 1;16-19 Ja '62.
Epidemiology of hemorrhagic fever with renal syndrome in Bulgaria. D. Bratovanov, Zh. Targov, Khr. Panchev. Zhur. mikrobiol., epid. i immun. 33 no. 1 122-126 Ja '62.
Experimental nephritis. A. V. Braun. Zdrav. Kazakh. 21 no. 12 34-37 '61.

KIDNEYS—INNERVATION
Changes in the fine morphology of the neural apparatus of the renal veins in some diseases with and without the general action on the body of antibiotics. M. R. Ter-Kasparova Azerb. med. zhur. no. 12 9-16 D '61

KIDNEYS—SURGERY
Hemodynamic study in surgical intervention on the kidneys under local anesthesia. I. K. Karaev Kaz. med. zhur. no. 5;64-65 S-O '61
Prolongation of life in nephrectomized rabbits by means of peritoneal dialysis [with summary in English] S. M. Shenderov Biul. eksp. biol. i med. 53 no. 2 125-127 F '62
Resection of the ureter with subsequent ureteropyelonephrostomies. N. S. Rankovskii. Vest. khir. no. 3;129-130 '62.
Some data from cytological and histochemical studies of cerebrospinal ganglia in unilateral nephrectomy. K. A. Zufarov Med. zhur. Uzb. no. 1 59-63 Ja '62.
Subfascial extracapsular nephrectomy in hypernephroid cancer of the kidney. V. V. Gol'dberg. Vest. khir. no. 8;109-116 '61.

KIDNEYS, ARTIFICIAL
Hemodialysis operation ("artificial kidney") in acute renal insufficiency appearing after the intake of sulfanilamides. V. A. Agranenko, N. N. Skachilova, E. V. Chkanikova Terap. arkh. 34 no. 3 115-119 '62.
Treatment of acute renal insufficiency by hemodialysis using an "artificial kidney" apparatus of Soviet manufacture M. I. Sorokina and others Klin. med. no. 3 27-31 '62.

KIEV—ATHEISM
Always at the forefront. D. Krasnov. Voiov. ateist no. 3; 36-37 Mr '62.

KIEV—BAKERS AND BAKERIES—EQUIPMENT AND SUPPLIES
Completely mechanized section manufacturing pretzels. F. I. Belen'kii. Khleb. i kond. prom. 6 no. 3 36-38 Mr '62.
Liquid proportioning device attached to the KhTR unit. L. N. Nizkoshapko. Khleb. i kond. prom. 6 no. 3;31-32 Mr '62.

KIEV—BOOKSELLERS AND BOOKSELLING
What is accomplished by advance orders. M. Epshtein. Sov. knizh. torg. 14 no. 3;15-17 Mr '62.

KIEV—BOOKSTORES
People's store. P. Overchuk. Sots. kul't. no. 2 42 F '62.

KIEV—CLOTHING WORKERS
The present-day life and customs of the clothing workers in Kiev. V. M. Boiko Nar. tvorch. ta etn. 5 no. 4; 88-92 O-D '61

KIEV—CONSTRUCTION INDUSTRY—FINANCE
Lenskii, E. G., N. M. Zaslavskii, and P. A. Stepanchuk. [Mixed brigade operating on a business accounting basis] Kompleksnaia khozrashchetnaia brigada. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1960. 32 p.

KIEV—DESCRIPTION
Pryimak, B. I. [The city is striding toward the future] Misto krokule v maibutnie. [Kyiv] Kyivs'ke oblasne knyzhkovo-gazetne vyd-vo, 1961. 92 p.

KIEV—DISTRIBUTIVE EDUCATION
Improving the qualifications of personnel E. Kirpichenkov Sov. knizh. torg. 11 no. 3 33-34 Mr '62.

KIEV—EXHIBITIONS
Exhibition of electronic measuring instruments made in Denmark. V. G. Karnaukh. Avtom. i prib. no. 1,91-95 Ja-Mr '62

KIEV—HISTORICAL RESEARCH
Historical studies of the teachers of the T. H. Shevchenko University in Kiev M. V. Demchenko Vop. ist. no. 1; 127-132 Ap '62

KIEV—HISTORY
Hryhor'iev, H. P. [In the old city of Kiev; reminiscences] U staromu Kyievi, spohady. Kyiv, Radians'kyi pys'mennyk, 1961. 355 p.

KIEV—LOW TEMPERATURE RESEARCH
Cryogenic station S Vladymyrko Nauka i zhyttia 11 no 2 26 F '62

KIEV—MACHINERY INDUSTRY
Baibakov, A. B., and Kats, R. S. ["Leninskaia Kuznitsa" Plant] Zavod "Leninskaia kuznitsa" v Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1962 172 p.

KIEV—MOTORBUS LINES—STATIONS
Bus terminal in Kiev. M. Frumkin. Za rul. 20 no. 3; 17 Mr '62.
If you travel by bus. IA. I. Asyns'kyi. Ukraina no. 2;29 Ja '62.
One hour at the Kiev bus terminal K. Grigor'ev. Sov. Soiuz no. 4;28-31 '62.

KIEV—OPERA
"Man's fate" in Kiev. V. Timofeev. Sov. muz. 26 no. 3; 80-82 Mr '62
The real greatness of man is his work for the people. V. Skiiarenko. Ukraina no. 2;16-17 Ja '62

KIEV—SHIPBUILDING
Awarding of the Order of Lenin to the "Leninskaia Kuznia" Plant. Ukraina no. 6;2 Mr '62.
The centenary of a "young" industrial plant. O. I. Ostafiev Ukraina no. 2;5-6 Ja '62.

KIEV—SILK MANUFACTURE
Overall mechanization and automation in reeling. V. M. Burova, I. A. Zapol'skii. Tekst. prom. 22 no. 2,4-6 F '62

KIEV—SUBWAYS
Entrance hall is lowered into the ground. A Kholodnyi Nauka i zhizn' 29 no. 2,11-12 F '62

KIEV—TELEVISION STATIONS
The modernized Kiev television center. V. Kozinskii. Radio no. 3;24 Mr '62.

KIEV—UNIVERSITIES AND COLLEGES
Kiev, Politekhnicheskii institut. [From the history of the Kiev Technical Institute; collection of documents and materials] Iz istorii Kievskogo politekhnicheskogo instituta; sbornik dokumentov i materialov. Kiev, Izd-vo Kievskogo univ.
Vol. 1. 1898-1917 gg. 1961. 386 p.

KIEV—VOCATIONAL EDUCATION
We are mastering new occupations. M. T. Baranovs'kyi. Rad. shk. 40 no. 3 38-39 Mr '62.

KIEV—WORLD WAR, 1939-1945
[The heroic city of Kiev] Kyiv - misto-heroi. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1961. 40 p.

KIEV ECONOMIC REGION—GLASS MANUFACTURE
In the Design Bureau of the porcelain, faience, and glass industry under the administration of the Kiev Economic Council. D. B. Guz. Stek. i ker. 18 no. 11;40-41 N '61.

KIEV PROVINCE—INDUSTRIES
At the forefront. P. Sheiest Kommunist 39 no 6;60-68 Ap '62.

KILNS
How to make an annular kiln over into a tunnel kiln. I. Zaika. Stroi. bud. 11 no. 11;15-16 N '61.
Lukianenko, I. N., V. I. Moskovchenko, and I. M. Sholud'ko. [Kilns and drying apparatus used in the ceramic industry; examples of designs] Pechi ta susharky keramichnoi promyslovosti; prykiady rozrakhunkiv. Kyiv, Derzh. vyd-vo lit-ry z budivnytstva i arkhit. URSR, 1961. 198 p.

KILNS—MAINTENANCE AND REPAIR
Without extinguishing the fire. O. Pliusnin. Mest. prom. i khud. promys. 3 no. 3;24 Mr '62.

KILNS, ROTARY
Chrome-magnesite periclase lining of rotary kilns for the burning of cement clinkers. M. Sh. Sharafier, G. V. Orlova. Ogneupory 27 no. 3;142-144 '62.

Durability of the linings of rotary kilns in cement plants TSement 27 no. 6 5 N-D '61
Heat exchange in rotary kilns. E. I. Khodorov TSement 27 no. 6 25-27 N-D '61
Lengthening the operating period of a kiln between relinings E. S. Kovalev, V. M. Sviridov TSement 27 no. 6 13 N-D '61
New standard for refractory materials for rotary kilns V. K. Zakharenkov TSement 27 no. 6 15-16 N-D '61
Use of a magnesite-chrome lining B. IA. Mefedovskii TSement 27 no. 6 11-15 N-D '61
Use of various types of refractories in rotary kilns G. IA. Koretskii, A. V. Krupnov TSement 27 no. 6 11-12 N-D '61

KINDERGARTEN
Doll's corner. E. D. Tatishcheva. Doshk. vosp. 35 no. 1 107-112 Ap '62
Education begins in the kindergarten I. Trofimova, Mol. komm. no. 3,85-86 Mr '62
Work in a children's group of various ages A. I. Iarmolenko Doshk. vosp. 35 no. 3 57-61 Mr '62

KINDERGARTEN—MUSIC
Music in children's play L. Mikhailova, I. Mikhaleva Doshk. vosp. 35 no. 4 55-58 Ap '62.

KINDERGARTENS
New kindergartens. V. Bocharova. Doshk. vosp. 35 no. 4 93-94 Ap '62.

KINETICS see Mechanics, Analytic

KINETIN
Mode of action of kinetin on protein synthesis O. N. Kulaeva, I. P. Vorob'eva. Fiziol. rast. 9 no. 1 106 Ja-F '62

KIRGHIZ RANGE—ORE DEPOSITS
Connection between lead-zinc mineralization and intrusive rocks in the Aksu ore zone (Kirghiz Range) I. K. Dzhetletov. Izv. AN Kazakh. SSR. Ser. geol. no. 1 65-72 '61.

KIRGHIZ RANGE—ROCKS, IGNEOUS
Connection between lead-zinc mineralization and intrusive rocks in the Aksu ore zone (Kirghiz Range) I. K. Dzhetletov. Izv. AN Kazakh. SSR. Ser. geol. no. 1 65-72 '61.

KIRGHIZISTAN—APPLE—VARIETIES
Results of studies on Michurin irrigation on apple varieties in southern Kirghizistan. U. G. Arakel'ian. Trudy KirgNIIZ no. 3 68-78 '60

KIRGHIZISTAN—COTTON—IRRIGATION
Effectiveness of sprinkler irrigation on sugar beet and cotton fields of the Kirghiz S. S. R. A. P. Chernaia, G. M. Levakova Trudy KirgNIIZ no. 3;28-33 '60.

KIRGHIZISTAN—DISABILITY EVALUATION
Kirghizistan. Sots. obesp. 23 no. 3 36-38 Mr '62.

KIRGHIZISTAN—ECONOMIC CONDITIONS
Altmyshbaev, Zh. [Improvement in the material prosperity and cultural standards of the workers of Kirghizistan between the 20th and the 21st Congresses of the CPSU] Rost material'nogo blagosostoianiia i kul'turnogo urovnia trudiashchikhsia Kirgizii mezhdu XX i XXI s"ezdami KPSS. Frunze, Kirgizskoe gos. izd-vo, 1959 91 p.
(MH)

KIRGHIZISTAN—ELECTRIFICATION
Kazakbaev, A. [Fourtieth anniversary of Lenin's plan for the State Commission for the Electrification of Russia and electrification of Soviet Kirghizistan] Leninskii Goelro planynyn 40 zhyldygy zhana Sovettik Kyrgyzstandy elektrleshtirüü. Frunze, Kyrgyz mamlekettik basmasy, 1961. 38 p. [In Kirghiz]

KIRGHIZISTAN—FORAGE PLANTS
Abdumanapov, S., ed. [Field testing of grain, oilseed, and forage crops in the Kirghiz S. S. R.] Aprobatsiia zernovykh, maslichnykh i kormovykh kul'tur v Kirgizskoi SSR. Frunze, Kirgizskoe izd-vo, 1959. 174 p.
(DA)

KIRGHIZISTAN—FRUIT CULTURE
Brief results obtained from investigating fruit culture in southern Kirghizistan. S. G. Abdrakhmanov. Trudy KirgNIIZ no. 3;131-143 '60.

KIRGHIZISTAN—GRAIN BREEDING
Abdumanapov, S., ed. [Field testing of grain, oilseed, and forage crops in the Kirghiz S. S. R.] Aprobatsiia zernovykh, maslichnykh i kormovykh kul'tur v Kirgizskoi SSR. Frunze, Kirgizskoe izd-vo, 1959. 174 p.
(DA)

KIRGHIZISTAN—HISTORY
Kadyrov, Shakir. [Notes and reports of Russian travelers as a source on the history of Kirghizia in the second half of the 19th century] Zapiski i otchety russkikh puteshestvennikov kak istochnik po istorii Kirgizii vtoroi poloviny XIX veka. Frunze, Kirgizskoe gos. izd-vo, 1961. 103 p.

KIRGHIZISTAN—INTELLECTUAL LIFE

Altmyshbaev, Zh. [Improvement in the material prosperity and cultural standards of the workers of Kirghizistan between the 20th and the 21st Congresses of the CPSU] Rost material'nogo blagosostoianiia i kul'turnogo urovnia trudiashchikhsia Kirgizii mezhdu XX i XXI s"ezdami KPSS. Frunze, Kirgizskoe gos. izd-vo, 1959. 91 p.
(MH)

KIRGHIZISTAN—MINES AND MINERAL RESOURCES

Technical and economic evaluation of mining systems in Kirghizia mines V A Sheutakov and others. Izv. AN Kir SSR. Ser est i tekh nauk 3 no. 3 5-23 '61.

KIRGHIZISTAN—MUSIC

Urgent discussion G. Astin. Sov muz 26 no. 3:69-72 Mr '62

KIRGHIZISTAN—OILSEED PLANTS

Abdumanapov, S., ed. [Field testing of grain, oilseed, and forage crops in the Kirghiz S. S. R.] Aprobatsiia zernovykh, maslichnykh i kormovykh kul'tur v Kirgizskoi SSR. Frunze, Kirgizskoe izd-vo, 1959. 174 p.
(DA)

KIRGHIZISTAN—OLD AGE HOMES

Kirghizistan. Sots. obesp 23 no 3:36-38 Mr '62.

KIRGHIZISTAN—ORCHARD GRASS

Wild orchard grass in Kirghizstan and its cultivation. IA. A. Ivanov, N. I. Shatseva Trudy KirgNIIZ no 3. 113-123 '60

KIRGHIZISTAN—RESEARCH

Principal results of the scientific activities of the Academy of Sciences of the Kirghiz S S R in 1960. K.K. Karakeev Vest AN Kir SSR no. 2:5-16 '61.

KIRGHIZISTAN—SOIL MICRO-ORGANISMS

Microbiological characteristics of some soils in the Chu Depression and northern slopes of the Kirghiz Range. V. A. Timofeev Trudy KirgNIIZ no 3,99-101 '60.

KIRGHIZISTAN—STOCK AND STOCKBREEDING

Isaev, A. S. [Mechanization of livestock farms in Kirghizistan] Mekhanizatsiia zhivotnovodcheskikh ferm v Kirgizii. Frunze, Kirgizskoe gos. izd-vo, 1959. 115 p. (Bibliotechka truzhenika sela)
(DA)

Uatiugov, P. G., and A. D. Dzhaimakov. [Youth on livestock farms] Molodezh' na fermakh. Frunze, Kirgizskoe gos. izd-vo, 1961. 52 p. (Bibliotechka molodogo zhivotnovoda)
(DA)

KIRGHIZISTAN—STOPING (MINING)

Shrinkage stope mining in Kirghizistan mines and ways to improve it. V. A. Sheutakov, N. G. IAlymov, M. A. IAkovlev. Izv. AN Kir. SSR. Ser. est. i tekh. nauk 1 no 3,77-94 '61.

KIRGHIZISTAN—SUGAR BEETS—IRRIGATION

Effectiveness of sprinkler irrigation on sugar beet and cotton fields of the Kirghiz S. S. R. A. P. Chernotsov, O. M. Levnkova Trudy KirgNIIZ no. 3,26-33 '60.

KIRGHIZISTAN—SWINE—FEEDING AND FEEDS

Isakov, D. I. [I will fatten a thousand swine a year] Otkormliu tysiachu svinoi v god. Frunze, Kirgizskoe gos. izd-vo, 1960. 30 p. (Peredovoi opyt v sel'skom khoziaistve Kirgizii)
(DA)

KIRGHIZISTAN—TRAVELERS, RUSSIAN

Kadyrov, Shaktr. [Notes and reports of Russian travelers as a source on the history of Kirghizia in the second half of the 19th century] Zapiski i otchety russkikh puteshestvennikov kak istochnik po istorii Kirgizii vtoroi poloviny XIX veka. Frunze, Kirgizskoe gos. izd-vo, 1961. 103 p.

KIROV PROVINCE—FOREST MANAGEMENT

Leading forester G I. Gorev. Les. khoz. 15 no. 1:82-83 Ja '62

KIROV PROVINCE—SPEECH THERAPY

Experience gained in organizing logopedic help to children in Kirov Province. V. I. Selivorstov. Zdrav. Ros. Feder. 6 no. 1:18-20 Ja '62.

KIROVABAD DISTRICT—MALARIA

Results of the restriction of DDT spraying to villages in malaria control within the border region of southern Tajikistan (Kirovabad District) E. I. Fastovskaia, M. IA. Kulikova. Sbor. rab. po mal. i gel'min. no. 2:49-56 '59.

KIROVOGRAD—AGRICULTURAL MACHINERY INDUSTRY

Made in Kirovograd. Ivan Sinokip. Ukraina no. 2:9 Ja '62.

KIROVOGRAD—WALL NEWSPAPERS

A board of satirical photos. A. Chernov. Agitator no. 8: 61 Ap '62.

KIS ALFÖLD—CITIES AND TOWNS

Functions of the main cities of Kis Alföld at various historical stages in connection with their geographical location. M. IA. Maletko. Uch. zap. MGPI 121:27-55 '59.

KISHINEV—LEATHER INDUSTRY

Methods of determining the mechanization indices in production. P. S. Pushkin, S. I. Ovchinnikov, A. M. Gornostai-Pol'skii. Kozh.-obuv. prom 4 no 1,9-14 Ja '62.

Utilization of production potentials in the Kishinev Leather Factory. M. N. Demin, M. I. Bolarskii Kozh.-obuv prom 4 no 1 14-18 Ja '62.

KISLOVODSK—HEALTH RESORTS, WATERING PLACES, ETC.

Donchenko, I. F. [Kislovodsk health resort and its therapeutic features] Kurort Kislovodsk i ego lechebnye faktory. Kiev, Gos. med izd-vo USSR, 1961 63 p
(DNLM)

KITCHEN CABINETS see subdivision under Czechoslovakia

KIZIL KUM see Kyzyl Kum

KLEBSIELLA PNEUMONIAE

Antimicrobial and therapeutic effect of antibiotics of the neomycin series, monomycin and colimycin, in experimental pneumonia with abscesses caused by Kl. pneumoniae [with summary in English]. S. Saidkarimov Antibiotiki 7 no 4:339-345 Ap '62.

KLYAZ'MA RESERVOIR REGION—LANDSCAPE GARDENING

Landscaping the recreational area at the Klyaz'ma Reservoir. R Vol'frub. Arkhit. SSSR no. 3,56-57 '62.

KNEE—DISEASES

Exudate in acute traumatic serous synovitis of the knee joint and its change under the influence of desensitizing therapy, clinical experimental study. A. V Zhivteskii. Ortop., travm. i protez. no. 2 38-41 '62.

KNEE—SURGERY

Surgical treatment of intra-articular lesions of the knee joint. N. A. Atanov. Kaz. med. zhur. no 5:73 S-O '61.

KNEE—WOUNDS AND INJURIES

"Internal injuries" of the knee joint. B. I Simenach. Ortop., travm. i protez. no. 2,84-85 '62.

Technic for setting a dislocated hip in injuries of the knee joint of the same extremity. I S Konson. Ortop., travm. i protez. no. 2:60-61 '62.

KNIT GOODS

Styles in knitwear for 1962. I. I. Vol'man. Tekst. prom. 22 no. 3:15-18 Mr '62.

KNITTING see subdivision under Estonia

KNITTING MACHINES

(see also subdivision under Czechoslovakia; Germany, East)

Discussing again the flat knitting machines. L. B. Kal'nitskii. Tekst. prom. 22 no 3:75-77 Mr '62

Electric circuit breaker for the stop of the "Tekstima" automatic embroidery machine in case of the upper thread breakage S. V Podufalov. Tekst prom. 22 no. 3,77-78 Mr '62.

Link mechanism for moving the horizontal bar of the "SM" net knitting machine G. M. Smirnov, V. I. Shepukhin Tekst prom. 22 no 3,83-84 Mr '62.

New automatic circular knitting machines for stockings and socks. K. K. Lupandin Tekst. prom 22 no 2: 81-82 F '62

Processing of No. 60 chlorin yarn for the manufacture of plated tricot. M. S. Genzer. Tekst prom. 22 no 2 63-65 F '62.

Relationship between the weight of the artifical fur pile and silver I. V. Kisliuk, I. A. Lipkov Tekst. prom 22 no 2:65-67 F '62

Shmaganer, E. M. [Maintenance of lace machines] Obsluzhivanie kruzhevnoi mashiny. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1961. 156 p.

Stabilization of nylon tricot cloth on the Model 6312-2 "Tekstima" machine. M. D. Rein Tekst. prom. 22 no. 3;76-79 Mr '62.

KNITTING MACHINES—BIBLIOGRAPHY see Bibliography—Knitting machines

KNORRE FAMILY

"Baronlei," L. Kafanova, O. Knorring. Ogonek 40 no 14;28-29 Ap '62.

KNOTWEED

(see also subdivision under Uzbekistan)

Characteristics of the formation and germination of the seeds of knotweed Polygonum divaricatum L. R. IA. Plennik. Trudy TSSBS no. 5:37-47 '61.

KNUNIANTS, BOGDAN MINAEVICH, 1878-1911

Indzhikian, O. G. Bogdan Knuniants. Erevan, Gos. izd-vo Armenii, 1961. 253 p.
(MH)

KOCHETOV, VSEVOLOD ANISIMOVICH, 1912-

Hot on the scent of life. V. Il'in. Sov. profsoiuzy 18 no. 3,42-44 F '62.

KODAKS see Cameras

KOKANDA—HOSIERY INDUSTRY

Ahead of time Uzbekiston 21 no. 1 19 Ja '62

KOKSHAAL-TAU—GEOLOGY, STRATIGRAPHIC

Terrigenous sediments of the Late Devonian in the western part of Kokshaal-Tau (Tien Shan) G. L. Bel'govskii, L. A. Ektova. Inform sbor VSEGEI no 46,59-66 '61

KOLA PENINSULA—GEOLOGICAL TIME

Age of zircons of ancient formations in the Kola Peninsula [with summary in English] V. V. Zhirova, S. I. Zykov, A. I. Tugarinov Geokhimiia no 12 1043-1052 '61

KOLA PENINSULA—PLANTS—RESPIRATION

Effect of phosphorus and magnesium on the respiration of plants cultivated in the Kola Peninsula [with summary in English] M. G. Zaitseva, D. M. Sedenko, V. A. Pozdniakova Fiziol rast 9 no 1 98-105 '62.

KOLA PENINSULA—ROCKS, IGNEOUS

Akademiia nauk SSSR. Kol'skii filial, Kirovsk. [Igneous formations of the Kola Peninsula] Magmaticheskie obrazovaniia Kol'skogo poluostrova. Moskva, Izd-vo Akad. nauk SSSR, 1962. 194 p.

KOLA PENINSULA—ZIRCON

Age of zircons of ancient formations in the Kola Peninsula [with summary in English] V. V. Zhirova, S. I. Zykov, A. I. Tugarinov Geokhimiia no 12 1043-1052 '61.

KOLESSA, FILYARET, 1871-

F. Kolessa's work and the folklore interrelations between the Ukrainians and other Slavic nations S. I. Gritsa Nar tvorch. ta etn 5 no 4 45-54 O-D '61

KOLKHOZES see Collective farms

KOLOMINO REGION—FLAGELLATA

New and rare species of the genera Trachelomonas Ehr and Strobomonas Defl from Tomsk Province T A Safonova Trudy Biol inst Sib otd AN SSSR no 7 271-278 '61

KOMI A. S. S. R.—CLAY

Clays from the Komi A S S R should be used for the manufacture of ceramic tile P. V Iznosov Stek i fver 19 no. 3 28-32 Mr '62

KOMI A S. S. R.—EDUCATION, COOPERATIVE

Organizing production instruction in advanced stage schools. B. I Zakharov. Shkola i proizv. 6 no. 1 50-51 Ja '62

KOMI A S S R.—MINES AND MINERAL RESOURCES

Fishman, M. V. [Mineral wealth of the Komi Republic] Bogatstva nedr Komi Respubliki Syktyvkar, Komi knizhnoe izd-vo, 1961. 51 p.
[MICROFILM]

KOMI A. S. S. R.—PETROLEUM—ANALYSIS

Chemical nature of Dzhebol petroleums S R Sergienko, G P. Kurbskii. Izv AN Turk SSR. Ser fiz.-tekh., khim i geol nauk no 6 64-73 '61

KOMI A. S. S. R.—RAILROADS—EMPLOYEES

We cannot enter this hospital. I. Karakcheev, I. Toropov. Sov. deput trud no. 3;72-75 Mr '62

KOMI A. S. S. R.—TEACHERS, TRAINING OF

"Handbook for teachers of the Komi A. S. S. R." Reviewed by L. Velichko. Shkola i proizv. 6 no 1 90-92 Ja '62.

KOMSOMOL'SK DISTRICT (KHABAROVSK TERRITORY)—FORESTS AND FORESTRY

Plant resources of Komsomol'sk District G. A. Tregubov. Amur. sbor no. 2;310-328 '60

KONAKHKE

Detection
Albia
(south
Azert

KONDAK

V. A. K
other

KONDOI

Adjusti
mode
no. 3;

KONDRA

Ekater
aid s
'62.

KONDRA

Viktor
his b

KOPET-

Growti
apple
tral I
biol.

KOPET-DAG—GLACIAL EPOCH

Ancient glaciation traces in the Kopet-Dag P. T. Pallenko Izv. AN Turk. SSR Ser. fiz.-tekh., khim. i geol. nauk no. 6 117-118 '61

KOREA, NORTH—ECONOMIC ASSISTANCE, RUSSIAN

Evidence of equal relations. L. Bagrianskaia. Az. i Vost. segodnia no. 3 54 Mr '62.

KOREA, NORTH—MINERAL INDUSTRIES

Trip of a Soviet trade-union delegation to the Korean People's Democratic Republic. L. A. Matveeva, N. M. Nikitin. Razved. i okh. nedr. 28 no. 1 50-51 Ja '62

KOREA, NORTH—RELATIONS (GENERAL) WITH RUSSIA

Friendship and brotherhood. Sov. Soiuz no. 4 4 '62

KOREA, NORTH—VISITORS, RUSSIAN

Trip of a Soviet trade-union delegation to the Korean People's Democratic Republic. L. A. Matveeva, N. M. Nikitin. Razved. i okh. nedr. 28 no. 1 50-51 Ja '62

KORENKOVO REGION—ANTIQUITIES

Archaeological explorations in the Kop-Takyl region. M. M. Kublanov. Krat. soob. Inst. arkheol. no. 83 91-94 '61

KORIN, PAVEL DMITRIEVICH, 1892-

Korin, P. D. [Selected works] Izbrannye proizvedeniia. Avtor teksta A. Zotov. Moskva, Akad. khudozh. SSSR, 1961. 23 p. illus. 46 plates.
(MH)

KOROLENKO, VLADIMIR GALAKTIONOVICH, 1853-1921

Evstratov, N. G. [V. G. Korolenko in Ural'sk] V. G. Korolenko v Ural'ske, kritiko-biograficheskii ocherk. Alma-Ata, Kazakhskoe gos. izd-vo khudozh. lit-ry, 1961. 91 p.
(CU)

V. G. Korolenko as compiler of folk poetry. O. K. Mikson. Nar. tvorch. ta etn. 5 no. 4 63-70 O-D '61

KOROSTEN' REGION—ROCKS, IGNEOUS

Studying the causes of the scattering of the coordinates of twin axes of plagioclases as exemplified by the Korosten' pluton. V. V. Brizhak, I. I. Bok, V. K. Monich. Sbor. nauch. trud. Kaz. GMI no. 19 223-230 '60.

KOROVIN, EVGENII PETROVICH, 1891-

Evgenii Petrovich Korovin. Trudy TashGU no. 187 7-10 '61

KOSHITS, KONSTANTIN MIKHAILOVICH, 1903-1959

In memory of K. M. Koshits. G. M. Saranchina. Trudy Len. ob-va est. 72 no. 1 66-68 '61

KOSTOVO—PETROLEUM REFINERIES

An engineer left the plant. S. Pospelov. Izobr. i rats. no. 3 26-27 F '62

KOTOVSK DISTRICT (ODESSA PROVINCE)—FORESTS AND FORESTRY

Important plans of our group. M. N. Varenikov. Les. khoz. 15 no. 2 4 F '62

KOVROV—MOTORCYCLES

Motorcycle training of young people. V. Mitrofanov. Za rul. 20 no. 3 7 Mr '62.

KRAMATORSK—ADULT EDUCATION

University of public services. V. Shvertsaid. Sots. kul't. no. 2 12-13 F '62

KRAMSU, KAARLO, 1855-1895

Kaarlo Kramsu's poetry. A. G. Khurmevaara. Trudy Kar. fil. AN SSSR no. 8 57-84 '57

KRASNAYA POLYANA—COTTON SPINNING

Our IUrii Gagarin. L. Fisher. Sov. profsoiuzy 18 no. 7 9 Ap '62.

KRASNODAR—PUBLIC HEALTH

Sasha's life is saved. I. Tiutiunik. Sov. kras. krest. 11 no. 4 9 Ji-Ag '61

KRASNODAR TERRITORY—AGRICULTURE

Let's work as the party has taught us, let's improve our methods of work. A. Zavgorodniaia. Agitator no. 8 48-51 Ap '62.

KRASNODAR TERRITORY—EDUCATION

Role of the Soviets and the Soviet public in the cultural development of rural areas. F. S. Kolomiets. Sov. gos. i pravo 32 no. 4 109-113 Ap '62.

KRASNODAR TERRITORY—RURAL SCHOOLS

Classes on farms. V. Kazantsev. Sov. profsoiuzy 18 no. 5 31-32 Mr '62

KRASNODAR TERRITORY—TEA—FROST RESISTANCE

Winter dormancy and conditioning of tea plants for frost resistance in foothill zones of Krasnodar Territory [with summary in English]. V. A. Cherevatenko. Subtrop. kul't. no. 4 29-34 '61.

KRASNOKAMSK—EDUCATION, PRESCHOOL

Conference in Krasnokamsk. V. Tuneva. Doshk. vosp. 35 no. 4 35-36 Ap '62.

KRASNOYARSK—CITY PLANNING

They have too far to go. P. Osharov and others. Sov. profsoiuzy 18 no. 5 40-41 Mr '62.

KRASNOYARSK—PUBLIC HEALTH

Work of a volunteer department of public health in a large city district. R. N. Chernaia. Zdrav. Ros. Fed. 6 no. 2 11-13 F '62

KRASNOYARSK—WOODY PLANTS

Introduction of woody plants in Krasnoyarsk. O. P. Olisova. Trudy TSSBS no. 3 85-90 '60

KRASNOYARSK TERRITORY—BANKS AND BANKING

Potentials of Krasnoyarsk construction projects. V. Gurov, Z. Mikheeva. Fin. SSSR 23 no. 3 67-70 Mr '62

KRASNOYARSK TERRITORY—CONSTRUCTION INDUSTRY—FINANCE

Potentials of Krasnoyarsk construction projects. V. Gurov, Z. Mikheeva. Fin. SSSR 23 no. 3 67-70 Mr '62

KRASNOYARSK TERRITORY—FOLK SONGS

Akulek, S., ed. [Russian folk songs of Krasnoyarsk Territory] Russkie narodnye pesni Krasnoiarskogo kraia. Moskva, Sovetskii kompozitor.
No. 1. 1959.
(NN)

KRASNOYARSK TERRITORY—PHOSPHATES

Krasnoyarsk phosphorites. N. M. Maiboroda, K. I. Glushkov, G. S. Kalinskii. Zemledelie 24 no. 3 79-80 Mr '62.

KRASNOYARSK TERRITORY—SCHOOL SUPERVISION

We exchange experiences. M. V. Zhuiko. Doshk. vosp. 35 no. 4 37 Ap '62

KRASNUSHKINA, MARTA ABRAMOVNA, 1887-

Marta Abramovna Krasnushkina, on her 75th birthday. Zhur. nevr. i psikh. 62 no. 3 471-475 '62.

KREATINE see Creatine

KREMIKOVTSY, BULGARIA—CONSTRUCTION WORKERS

Meeting the young Bulgarians. B. Bazunov. Smena 39 no. 6 14-15 Mr '62

KRIVOY ROG—IRON MINES AND MINING

A feature story on the "Giant." Oleksandr Hordii. Ukraina no. 2 12-14 Ja '62.

KRIVOY ROG BASIN—FAULTS (GEOLOGY)

Lateral shifts in the Krivoy Rog ore basin. M. I. Chernovskii. Izv. vys. ucheb. zav., geol. i razv. 5 no. 2 100-101 F '62

KRIVOY ROG BASIN—IRON MINES AND MINING

[Improvement of underground mining methods and equipment in the Krivoy Rog Basin] Sovershenstvovanie tekhniki i tekhnologii podzemnoi dobychi rudy v Krivorozhskom basseine. [By] E. S. Bellovskii i dr. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 238 p.

Kovshulia, A. A. [Reducing losses of valuable ores of the Krivoy Rog Basin] Snizhenie poter' bogatykh rud Krivorozhskogo zhelezorudnogo basseina. Kiev, Izd-vo Akad. nauk USSR, 1962. 172 p.

New features of the workers' industrial life in the Krivoi Rog Basin mines. V. V. Mironov. Nar. tvorch. ta etn. 5 no. 4 22-26 O-D '61

Ore losses caused by incomplete contouring. S. M. Selektor. Razved. i okh. nedr. 27 no. 12 30-34 D '61

KRIVOY ROG BASIN—MINE ACCIDENTS

Rock outburst in the block 35-41 of the "Novaia" Mine in the Krivoi Rog Basin. A. A. Kovshulia. Bezop. truda v prom. 6 no. 3 12 Mr '62.

KRIVOY ROG BASIN—MINE DUSTS—SAFETY MEASURES

Dust-mask maintenance in mines. V. G. Sharun, V. N. Bychkov. Bezop. truda v prom. 6 no. 3 10 Mr '62.

KRIVOY ROG BASIN—ORE DRESSING

Dependence of ore dressing indices in the Krivoy Rog Southern Mining and Ore Dressing Combine on ore composition and structure. A. A. Artemova, B. I. Pirogov, V. IA. Gorbatova. Obog. rud 6 no. 6 7-14 '61

KRIVOY ROG BASIN—POULTRY—DISEASES AND PESTS

Investigation of the helminth fauna in chickens of the Krivoy Rog Basin. M. E. Savchenko. Nauch. dokl. vys. shkoly, biol. nauki no. 1 7-8 '62

KRIŽANIĆ, JURAY, 1618-1683

Political views of J. Križanić. L. M. Mordukhovich. Izv. vys. ucheb. zav., prav. 6 no. 1 111-122 '62.

KRONOTSKIY REGION—GAS, NATURAL—GEOLOGY

Reservoir properties of rocks of the Bogachevka series in the Kronotskiy region on the eastern coast of Kamchatka. G. L. Berson, S. K. Lopatina. Trudy VNIGRI no. 186 327-341 '61.

KRONOTSKIY REGION—PETROLEUM GEOLOGY

Reservoir properties of rocks of the Bogachevka series in the Kronotskiy region on the eastern coast of Kamchatka. G. L. Berson, S. K. Lopatina. Trudy VNIGRI no. 186 327-341 '61

KRUPSKAIA, NADEZHDA KONSTANTINOVNA, [illegible]

N. K. Krupskaia on the organization of [illegible] without interruption of work. P. A. Golovatyi. APN 5 no. 4, 49-52 '61.

KRUSHEL'NYTS'KYI, MARIAN MYKHAILOVYCH [illegible]

Gan, IA. I. [Marian Mykhailovych Krushel'nyts'kyi, People's Actor of the U. S. S. R.] Marian Mikhailovich Krushel'nitskii, narodnyi artist SSSR. Lviv, Vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry URSR, 1960. 46 p. (Dekada ukrains'koi literatury i mystetstva)
(MH)

KRYZHANOVSKII, SERGEI GRIGOR'EVICH, [illegible]

In memory of S. G. Kryzhanovskii. [illegible] Nauch. dokl. vys. shkoly, biol. nauki no. 1 [illegible]

Professor Sergei Grigor'evich Kry[illegible] gogue and scientist. Vop. filos. [illegible] no. 1 [illegible]

KRZHIZHANOVSKII, GLEB MAKSIMILIANOVICH, [illegible]

Academician G. M. Krzhizhanovskii in the field of socialist power engineering. R. A. Konoplianov. Izv. SSSR Otd. tekh. nauk. Energ. i avtom. no. 1 [illegible] '62

Ninetieth anniversary of the birth of G. M. [illegible] skii. V. IU. Steklov. Otd. tekh. nauk no. 1 [illegible]

Ninetieth anniversary of the birth of Gleb Maksimilianovich Krzhizhanovskii. V. IU. Steklov. [illegible] tekh. nauk. Energ. i avtom. no. 1 94-99 Ja-F [illegible]

KSENOFONTOVA, ANNA IVANOVNA, 1902-

On the occasion of the 60th birthday of Professor [illegible] Ksenofontova, Doctor of Technical Sciences [illegible] R. Iovanii. Bezop. truda v prom. 6 no. 6 [illegible]

KUBA-DAG—GEOLOGY, STRATIGRAPHIC

New data on the stratigraphy of Jurassic in the Kuba-Dag. Z. E. Baranova. Inform. sbor. VSEGEI no. 46 37-49 '61

KUBAN—CORN (MAIZE)

Pervitskii, V. IA. [Minutes and sentences] Minuty i tsenimery. [2 izd. Krasnodar, Krasnodarskoe kn. izd-vo, 1962] 59 p.
(DA)

KUBAN—FARM MECHANIZATION

Pervitskii, V. IA. [Minutes and sentences] Minuty i tsenimery. [2 izd. Krasnodar, Krasnodarskoe kn. izd-vo, 1962] 59 p.
(DA)

KUBAN—FIELD CROPS—FERTILIZERS AND MANURES

"Fertilizers for field crops in the Kuban" by V. I. Simakin. Reviewed by Iu. G. Pogorelov. Zem. [illegible] 24 no. 2 96 F '62.

KUBAN—SUGAR BEETS

Svetlichnyi, V. A. [Least expensive sugar beet] Samye deshevye svekla. [Krasnodar, Krasnodarskoe kn. izd-vo, 1962] 63 p.
(DA)

KUBAN VALLEY—RODENTIA—DISEASES

Epizooty of leptospirosis observed in labeled [illegible] rodents in the lower Kuban Valley [with summary in English]. M. IA. Lavrova, T. S. Lebedeva. [illegible] Otd. biol. 67 no. 1 7-14 Ja-F '62.

KUBAN VALLEY—SOIL CONSERVATION

Erosion control methods in the Kuban Basin. [illegible] kin. Les. khoz. 15 no. 1 44-47 Ja '62

KUCHUGURA-KUCHERENKO, IVAN IOVICH, [illegible]

The famous bandore player Ivan Kuchugura K[illegible] T. IA. Zinchenko. Nar. tvorch. ta etn. 5 no. 4 [illegible] O-D '61.

KUGITANG REGION—MINERALS

Mineralogical composition of rocks from the [illegible] stratum of Jurassic deposits of Kugitang. I. F. [illegible] Izv. AN Turk. SSR, Ser. fiz.-tekh., khim. i geol. [illegible] no. 6 95-103 '61.

KUGITANG-TAU RIDGE—CAVES

The Kaftuk Cave. D. M. Smekhov, M. G. Rom[illegible] Izv. Vses. geog. ob-va 94 no. 1 85-89 Ja-F '62

KUIBYSHEV, VALERIAN VLADIMIROVICH, [illegible]

Sysoev, P. S., and I. I. Parfent'ev. [The Assault] in the civil war and V. V. Kuibyshev] Ataka [illegible] front grazhdanskoi voiny i V. V. Kuibyshev. Ast[illegible] Volga, 1960. 63 p.
(MH)

KULIBIN, IVAN PETROVICH, 1735-1818

Leningrad, Ermitazh. Ivan Petrovich Kulibin. [illegible] grad, Izd. Ermitazha, 1940. 7 p. (Pamiatniki [illegible] kul'tury, no. 13)
(NNC)

KULMACH RANGE—LAMELLIBRANCHIATA, [illegible]

Onkophora beds of the Kulmach Range of Kopet-Dag. [illegible] Larchenkov. Izv. AN Turk. SSR, Ser. fiz. tekh. [illegible] i geol. nauk no. 6 110-117 '61

KULUNDA STEPPE—IRRIGATION

Problem of Kulunda. P. IA. Kochina and others. [illegible] i zhizn' 29 no. 1 33-39 Ja '62.

KULUNDA STEPPE—WHEAT

Shelterbelts and wheat yields in the Kulunda Steppe. M. P. Vasiliev. Zemledelie 24 no.2 75-78 F '62.

KULUNDA STEPPE—WINDBREAKS, SHELTERBELTS, ETC.

Shelterbelts and wheat yields in the Kulunda Steppe. M. P. Vasiliev. Zemledelie 24 no.2 75-78 F '62.

KULYAB PROVINCE—PASTURES AND MEADOWS

Nutritive value of summer pastures in the Sary-Khosor region. S. N. Khokhrin, R. F. Sysueva. Trudy Inst. zhiv. i vet. AN Tadzh. SSR 5 no.6 149-157 '61.

KUM-DAG REGION—PETROLEUM WORKERS

"The mode of life of the petroleum workers in Nebit-Dag and Kum-Dag" by Shikhberdy Annaliyev. Reviewed by V. Krupanskaia. Sov. etn. no.1 115-117 Ja-F '62.

KUMA VALLEY—LOCUST (TREE)

Propagation of black locust in Terek-Kuma sands by seeding. O. S. Krasnopol'skaia. Les. khoz. 15 no.4 15-18 My '62.

KUMFYKA—LIBRARIANS

Librarian of a taiga village. A. Stepanenko. Klub 11 no.2 6 F '62.

KUNGUR REGION—MAGNESIUM BORATES

The new borate galuzgite. V. V. Ivanova. Dokl. AN SSSR 143 no.3 691-696 Mr '62.

KUPRIN, ALEKSANDR IVANOVICH, 1870-1938

"Aleksandr Ivanovich Kuprin, a critico-biographical sketch" by V. Afanas'ev. Reviewed by A. Saakiants. Vop. lit. 6 no.1 216-219 Ja '62.

Kuprin, Kornei Chukovskii. Novyi mir 38 no.3 190-210 Mr '62.

KURA LOWLAND—MICRO-ORGANISMS, NITROGEN FIXING

Occurrence of tubercle bacteria in cotton-alfalfa rotation on irrigated soils of the Kura-Araz Lowland. T. A. Melkumova. Izv. AN Azerb. SSR Ser. biol. i med. nauk no.11 91-95 '61.

KURA LOWLAND—TREMATODA

New trematode from the sultana bird (Porphyrio porphyrio L.) in Azerbaijan. N. A. Pelzullaev. Dokl. AN Azerb. SSR 17 no.9 879-881 '61.

KURDIUMOV, GEORGII VIACHESLAVOVICH, 1902-

G. V. Kurdiumov's 60th birthday. Metalloved. i term. obr. met. no.2 48-50 F '62.

KURKIN, PETR IVANOVICH, 1858-1934

Conference in honor of P. I. Kurkin. O. M. Karryev. Gig. i san. 26 no.9 91-92 S '61.

KUROSHIO

Vertical circulation of waters in the Kuroshio area. M. N. Koshliakov. Okeanologiia 1 no.5 805-814 '61.

KURSK MAGNETIC ANOMALY

A treasure-trove of iron ore. A. Popov. Agitator no.8 34-36 Ap '62.

KURSK MAGNETIC ANOMALY—BLAST FURNACES

In three years of the seven-year period. M. D. Karachentsev, A. F. Egorov. Metallurg 7 no.4 7-8 Ap '62.

KURSK MAGNETIC ANOMALY—IRON MINES AND MINING

Akademiia nauk SSSR. Institut gornogo dela. [Mining and dressing ores of the Kursk Magnetic Anomaly] Voprosy razrabotki i obogashcheniia rud KMA. Moskva, Izd-vo Akad. nauk SSSR, 1962. 183 p.

Shevnikov, L. D., and G. I. Man'kovskii. [Kursk Magnetic Anomaly] Kurskaia magnitnaia anomaliia. Moskva, Izd-vo Akad. nauk SSSR, 1962. 98 p.

KURSK MAGNETIC ANOMALY—IRON ORES

[Kursk Magnetic Anomaly; history of the discovery, study, and commercial development of iron-ore deposits. Collection of documents and materials in two volumes, 1742-1960] Kurskaia Magnitnaia Anomaliia; istorila otkrytiia, issledovanii i promyshlennogo osvoeniia zhelezorudnykh mestorozhdenii. Sbornik dokumentov i materialov v dvukh tomakh, 1742-1960. [Belgorod] Belgorodskoe knizhnoe izd-vo.
Vol. 1. 1742-1926. 1961. 417 p.

KURSK MAGNETIC ANOMALY—METALLURGICAL PLANTS

Industrial conference in the Kursk Magnetic Anomaly. A. N. Glazov, A. D. Kolyvanov. Metallurg 7 no.4 5-6 Ap '62.

Three giants are competing. N. Milovatskii. Metallurg 7 no.4 4-5 Ap '62.

KURSK MAGNETIC ANOMALY—ROCKS, SEDIMENTARY

Features of the formation of the sedimentary (supai-ore) layer in the Kursk Magnetic Anomaly. N. K. Paffengol'ts. Izv. AN Arm. SSR. Geol. i geog. nauki 14 no.6 17-32 '61.

KURSK PROVINCE—AGRICULTURE

We shall carry out the decisions of the plenary session of the Central Committee of the CPSU in March 1962. L. Monashev. Part. zhizn' no.7 8-15 Ap '62.

KURSK PROVINCE—COLLECTIVE FARMS

How the Kalinovka Village Collective Farm became a leader. V. Grachev. Ekon. sel'khoz. 33 no.1 49-56 Ja '62.

KURSK PROVINCE—EDUCATION, PRESCHOOL

Kindergarten as a patron. N. A. Voskresenskaia. Doshk. vosp. 35 no.3 40-41 My '62.

KURSK PROVINCE—NURSERY SCHOOLS

New nursery schools of the Kursk Province collective farms. T. Kratosevich. Doshk. vosp. 35 no.1 94-96 Ap '62.

KURSK PROVINCE—WEED CONTROL

Campaign against weeds. D. L. Vanin. Zemledelie 24 no.2 23-26 F '62.

KUSTANAY—COMMUNITY LIFE

They march together. V. Ponomarev. Sov. profsoiuzy 18 no.3 19-20 F '62.

KUSTANAY—CONSTRUCTION INDUSTRY

Construction Trust of the Kustanay Economic Council. V. Elashkin. Izobr. i rats. no.2 21 F '62.

KUSTANAY PROVINCE—COMMUNITY CENTERS

At the head are the public spirited members of the community. D. Eppel'. Klub 11 no.2 4-5 F '62.

KUSTANAY PROVINCE—EVENING AND CONTINUATION SCHOOLS

In the train of a great campaign. V. Ponomarev. Sov. profsoiuzy 18 no.4 28-29 F '62.

KUSTANAY PROVINCE—STATE FARMS

The future is in our hands. G. Leonov. Sel'. mekh. no.1 14-16 '62.

KUSTODIEV, BORIS MIKHAILOVICH, 1878-1927

Lebedeva, V. E. Boris Mikhailovich Kustodiev. [Moskva, Sovetskii khudozhnik, 1961] 80 p. (MH)

KUTULUK RESERVOIR REGION—PETROLEUM INDUSTRY—WATER SUPPLY

Utilization of Kutuluk Reservoir by enterprises of the petroleum industry. V. V. Zotov. Izv. Kazan. fil. AN SSSR. Ser. energ. i vod. khoz. no.2 57-66 '61.

KUVA—ANTIQUITIES

Middle Age inkstands from the ancient site of Kuva. I. Akhrarov. Obshchestv. nauki v Uz. 6 no.1 60-62 '62.

KUYBYSHEV—BEARING INDUSTRY

"Study room" in a workshop. V. Grafov, E. Buzynin. Sov. profsoiuzy 18 no.5 18-19 Mr '62.

KUYBYSHEV—COMMUNIST YOUTH LEAGUE

Assignments for all. A. Kunchii. Komsom. zhizn' no.5 15-16 Mr '62.

KUYBYSHEV—SALMONELLA

Source and ways of dissemination of Salmonella infection in Kuybyshev. I. S. Klnov'eva, M. K. Shpagina. Zhur. mikrobiol., epid. i immun. 33 no.1 96 Ja '62.

KUYBYSHEV PROVINCE—EROSION

Studying water erosion in the trans-Volga portion of Kuybyshev Province [with summary in English]. G. P. Surmach. Pochvovedenie no.2 78-86 F '62.

KUYBYSHEV PROVINCE—Q FEVER

Q fever in Kuybyshev Province. T. M. Undritsova, E. N. Milieeva. Zhur. mikrobiol., epid. i immun. 33 no.1 128-129 Ja '62.

KUYBYSHEV PROVINCE—TEACHERS, TRAINING OF

Production training of future teachers of agrobiology. K. P. Lange. Shkola i proizv. 6 no.1 68-71 Ja '62.

KUZNETSK ALA-TAU—ROCKS, IGNEOUS

Characteristics of the Devonian alkaline magmatic complex in the northern part of the Kuznetsk Ala-Tau. M. G. Berger. Dokl. AN SSSR 143 no.2 391-394 Mr '62.

KUZNETSK BASIN—COAL MINES AND MINING

Breaking coal with deep boreholes in working a thin steep layer. V. M. Zinov'ev, A. F. Kovrigo. Sbor. nauch. trud. Kaz. GMI no.19 79-81 '60.

Using the method of a single blast for chute cross cutting. G. Korovchenko. Sov. shakht. 11 no.4 30 Ap '62.

Whose fault? A. Guliaev. Sov. shakht. 11 no.4 20-21 Ap '62.

KUZNETSK BASIN—COAL MINES AND MINING—ACCIDENTS

Causes of accidents in working in shielded sections. V. I. Zherovskii. Bezop. truda v prom. 6 no.3 5-6 Mr '62.

KUZNETSK BASIN—LUNGS—DUST DISEASES

Incidence of silicosis among mine openers in the Kuznetsk Basin. R. M. Ainbinder. Gig. truda i prof. zab. 4 no.12 40-41 D '60.

KYSHTYM—KAOLIN

New techniques of dressing kaolins. S. I. Kropanev, V. V. Kliachin. Stek. i ker. 19 no.1 23-25 Ja '62.

KYZYL KUM—BOTANY

Some bioecological features of the flora of Kyzyl Kum. L. I. Granitov. Trudy TashGU no.187 102-110 '61.

KYZYL-KUM—TAMARISK

Lissonota superba Schmiedekn., parasite of the tamarisk moth (Amblypalpis tamariscalla) in the southeastern Kyzyl Kum. Ts. G. Bronshtein. Trudy UzGU no.110 125-131 '61.

KYZYLCHA VALLEY—SNOW SURVEYS

Use of aerial photographs of the snow cover in the upper reaches of the mountain river Angren for hydrological purposes. V. P. Chernogorov. Trudy Sred.-Aziatsk. nauch.-issl. gidrometeor. in-st. no.7 3-31 '61.

LA BOETIE, ESTIENNE DE, 1530-1563

La Boetie, Estienne de. [Discourse on voluntary servitude. Translated from the French] Rassuzhdenie o dobrovol'nom rabstve. 2. izd. Perevod i kommentarii F. A. Kogan-Bernshtein. Moskva, Izd-vo Akad. nauk SSSR, 1962. 145 p. (Akademiia nauk SSSR. Literaturnye pamiatniki)

LABINSK DISTRICT—COLLECTIVE FARMS—INCOME DISTRIBUTION

Monetary wages for managerial personnel and specialists on collective farms. B. Nikolaev. Biul. nauch. inform. trud. i zar. plata 5 no.3 51-57 '62.

LABOR (OBSTETRICS)

Functional state of the central nervous system in women during childbirth [with summary in English]. L. V. Tymoshenko. Fiziol. zhur. [Ukr.] 7 no.6 836-840 N-D '61.

Use of armin for stimulating labor activity. E. V. Beliaeva, A. L. Chaikovskaia. Kaz. med. zhur. no.1 58-60 Ja-F '62.

LABOR, COMPLICATED

Birth of a giant fetus. L. A. Doronina. Fel'd. i akush. 27 no.2 43 F '62.

Change in the phonocardiogram of the fetus in labor during the coiling of the umbilical cord [with summary in English]. T. V. Chervakova. Vop. okh. mat. i det. 7 no.1 64-70 Ja '62.

Course and management of labor in the case of a large fetus. N. N. Volova. Vop. okh. mat. i det. 7 no.2 70-73 F '62.

Pregnancy and the course of labor in the case of a double uterus. V. S. Pakut', V. P. Shirochina. Zdrav. Bel. 8 no.1 62-63 Ja '62.

LABOR AND LABORING CLASSES
(see also subdivision under Africa, Asia; Caucasus, Northern, China; Daghestan, France, Germany, East, Japan, Novil'sk, Tiflis, Ural Mountain region, Vietnam, South)

[From the history of the international solidarity of the proletariat, documents and materials] Iz istorii mezhdunarodnoi proletarskoi solidarnosti, dokumenty i materialy. Glav. red. G. A. Belov i dr. Moskva, Izd-vo "Sovetskaia Rossiia."
Vol. 5. [Workers' international solidarity in the struggle against fascism and the unleashing of the Second World War, 1933-1937] Mezhdunarodnaia solidarnost' trudiashchikhsia v bor'be s fashizmom, protiv razviazyvaniia Vtoroi Mirovoi voiny, 1933-1937. 1961. 549 p.

Galin, M. IU. [Pride of the Soviet worker] O gordosti sovetskogo rabochego [Leningrad] Lenizdat, 1958. 58 p. (NNC)

Gekhtman, M. IA. [Organization of workers' rest in the U. S. S. R.] Organizatsiia otdykha trudiashchikhsia v SSSR. Kishinev, Gos. izd-vo "Kartia moldoveniaske," 1961. 27 p.

Gur'ianov, S. Kh., I. A. Polikov, and K. S. Remizov. [Labor economist's reference book: method for calculating the economics of labor in an industrial enterprise] Spravochnik ekonomista po trudu, metodika rascheto po ekonomike truda na promyshlennom predpriiatii. Moskva, Izd-vo ekon. lit-ry, 1962. 283 p.

"Heroes of our time." Reviewed by T. Egorov. Sov. profsoiuzy 18 no.4 47 F '62.

Known personally. Ogonek 40 no.10 1 Mr '62.

Let's indefatigably strengthen the unity of action of the working class. S. Zverev, M. Toniaev. Komm. Ukr. 37 no.2 19-28 F '62.

Most progressive and best organized force in Soviet society. E. Osipov. Komm. Vooruzh. Sil. 2 no.6 17-25 Mr '62.

Program of trade-union activities in defense of workers' interests and rights at the present-day stage. Vsem. prof. dvizh. no.2 3-23 F '62.

"The workers' movement in capitalist countries, 1959-1961." Reviewed by A. Morozov. Nar. Azii i Afr. no.1 198-200 '62.

LABOR AND LABORING CLASSES—BIBLIOGRAPHY see Bibliography—Labor and laboring classes

LABOR AND LABORING CLASSES—DWELLINGS
(see also subdivision under Frunze, United States, Uzbekistan)

Our future apartments. M. Klekovkin. Ukraina no.6 4 Mr '62.

LABOR AND LABORING CLASSES—INSURANCE see Insurance, Unemployment

LABOR AND LABORING CLASSES—STATISTICS see subdivision under Ukraine

LABOR COURTS
(see also subdivision under Lithuania)

Fellow workers' courts exchange their work experience. A. Shibarshin, K. Gusev Sov. profsoiuzy 18 no. 7 38 Ap '62.

LABOR LAWS AND LEGISLATION
(see also subdivision under India, Russia, Northern; United States)

Akademiia nauk SSSR Institut gosudarstva i prava [Present-day labor laws of imperialist states in the service of monopolies, collected studies] Sovremennoe trudovoe zakonodatel'stvo imperialisticheskikh gosudarstv na sluzhbe monopolii; ocherki Moskva, Izd-vo Akad nauk SSSR, 1962. 333 p

"Competitive selection of personnel according to Soviet labor law" by V. N. Smirnov Reviewed by P. I. Voilenko. Izv. vys. ucheb. zav. ,prav. 6 no. 1 169-170 '62.

Consultation on problems of labor legislation and work norms Razved i okh. nedr 28 no. 1 55 Ja '62.

Legal advice V. Korotkov. Otv. na vop. rab. no. 10 66-71 '61.

Our consultations Sov. profsoiuzy 18 no. 6 45-46 Mr '62

Pressing problems in the development of labor laws. V. G. Varentsova, D. S. Karasik Izv. vys. ucheb. zav., prav. 6 no. 1 18-28 '62

LABOR PASSPORTS
(see also subdivision under South Africa, Republic of)

Our consultations. Sov. profsoiuzy 18 no. 7 45-47 Ap '62.

LABOR PRODUCTIVITY
(see also subdivision under Latvia, Ukraine)

Analyzing the fulfillment of productivity plans by industrial enterprises IU. Margulis. Fin. SSSR 23 no. 3, 87-91 Mr '62

Increasing labor productivity must be the most important objective of industry workers. Spirt. prom. 28 no. 2;1-4 '62.

The main thing now is the ability to count. G. Nezhevenko. Sov. Ukr. 12 no. 1,10-11 Ja '62.

Technical and economic basis of a plan for the increase of labor productivity. V. L'vov. Biul. nauch. inform. trud i zar. plata 5 no. 3 19-26 '62

LABOR SUPPLY see subdivision under Chelyabinsk Province; Siberia

LABORATORIES—SAFETY MEASURES

Zhilkin, N. G., and A. V. IUrasov. [Safety measures and industrial hygiene in the research institutes and laboratories of geological organizations] Okhrana truda i proizvodstvennaia sanitariia v nauchno-issledovatel'skikh institutakh i laboratoriiakh geologicheskikh organizatsii. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1961. 178 p.

LABYRINTH (EAR)

Comparative morphologic characteristics of the organ of equilibrium in some river ducks of the Zeravshan Valley M. M. Akhmedov Trudy UzGU no. 110 51-64 '61

Differentiation of the intensity and duration of labyrinthine stimulations [with summary in English] V. G. Tovzadze Zhur. vys. nerv. deiat. 11 no. 6 1099-1105 N-D '61.

LACE AND LACEMAKING

Shmarganer, E. M. [Maintenance of lace machines] Obsluzhivanie kruzhevnot mashiny Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1961 156 p.

LACQUER AND LACQUERING

Carrying out socialist obligations honoring the 22d Congress of the CPSU by collectives of the GIPI-4 and VPK "Lakokraspokrytie." Lakokras. mat. i ikh prim. no. 5;1-2 '61.

Classification of lacquers and paints M. L. Livshits. Lakokras. mat. i ikh prim no. 6 78-80 '61.

Fine cleaning of lacquers with plate filters V. E. Belliavskii Lakokras. mat. i ikh prim. no. 6 73-75 '61

Investigating film-forming properties of mixed polyesters of the acrylic series. M. M. Mogilevich, M. I. Arkhipov. Lakokras. mat. i ikh. prim no. 6 26-30 '61.

KM-17 electric insulating lacquer and its use. A. P. Nagaeva, D. IA. Zhinkin, M. F. Borisov Lakokras. mat. i ikh prim. no. 5;58-60 '61.

"Lacquers and paints in the national economy" by V. V. Chebotarevskii Book review Lakokras. mat. i ikh. prim. no. 5;87 '61

Practice of the complex brigades of the State Design and Planning Scientific Research Institute No. 4. Lakokras. mat. i ikh prim. no. 6 1-2 '61.

Use of urea-formaldehyde lacquer coatings for wooden decks and floors on ships. IU. Matasov. Rech. transp. 21 no. 2;38-40 F '62

LACQUER AND LACQUERING—PATENTS see subdivision under Austria

LACRIMAL ORGANS—DISEASES

Diagnosis and treatment of epiphora caused by some forms of pathology of the lacrimal puncta. L. D. Mitskevich. Zdrav. Kazakh 21 no. 12 15-19 '61

LACTAMS

Lactones and lactams Report No. 22 N-acetyloyl lactams M. F. Shostakovskii and others Izv. AN SSSR Otd. khim. nauk no. 3 505-510 Mr '62

LACTATION

Hypolactia and measures to control it F. D. Zabludovskaia Fel'd. i akush. 27 no. 2 15-20 F '62

Importance of vitamins for the normal course of pregnancy and their effect on lactation F. D. Zabludovskaia Fel'd. i akush. 27 no. 1 5-10 Ja '62

Study of the lactation reflex in women by means of an elastometric method [with summary in English] M. G. Zaks, I. A. Mazhbits Biul. eksp. biol. i med. 52 no. 7 20-23 Jl '61

LACTIC ACID BACTERIA

Effect of gamma rays from Co^{60} on the survival rate of lactic acid bacteria. A. G. Glinevich Uzb. biol. zhur. 6 no. 1;27-34 '62

LACTOFLAVIN see Riboflavin

LACTONES

Cyclization of isoprenoid compounds Report No. 6 Conversions of α- and β-cyclogeranic acids under the effect of sulfuric acid V. A. Smit, A. V. Semenovskii, V. F. Kucherov Izv. AN SSSR Otd. khim. nauk no. 3 477-484 Mr '62

Tri- and tetraacetylenic macrocyclic lactones L. D. Bergel'son, IUl. G. Molotkovskii Izv. AN SSSR Otd. khim. nauk no. 3 539-540 Mr '62

LADOGA, LAKE—BENTHOS

A contribution to the study of benthos in the skerry section of Lake Ladoga G. A. Stal'makova Trudy Lab. ozeroved. 12,267-280 '61

LADOGA, LAKE—EVAPORATION

Evaporation and turbulent heat exchange in the northwestern part of Lake Ladoga A. F. Izotova Trudy Lab. ozeroved. 12,60-78 '61.

LADOGA, LAKE—FRESHWATER FLORA

Higher aquatic vegetation in the skerry region of Lake Ladoga I. M. Raspopov. Trudy Lab. ozeroved. 12, 193-210 '61

LADOGA, LAKE—HYDROLOGY

Wind-generated circulation of waters in bays of the northwestern part of Lake Ladoga. A. N. Okhlopkova Trudy Lab. ozeroved. 12,111-127 '61.

LADOGA, LAKE—LIMNOLOGICAL RESEARCH

Preface. Trudy Lab. ozeroved. 12;3-4 '61.

LADOGA, LAKE—SOLAR RADIATION

Radiational elements of the heat balance in the skerry region of Lake Ladoga N. P. Smirnova. Trudy Lab. ozeroved. 12,35-50 '61

LADOGA, LAKE—WATER—COMPOSITION

Hydrochemical investigation of bays in the northern part of Lake Ladoga. N. F. Solov'eva. Trudy Lab. ozeroved. 12;149-184 '61

LADOGA, LAKE—ZOOPLANKTON

Zooplankton in the skerry section of Lake Ladoga R. S. Denigina Trudy Lab. ozeroved 12;236-266 '61

LADOGA LAKE REGION—METEOROLOGY

Meteorological conditions during the field work of the expedition (1956-58). N. P. Smirnova. Trudy Lab. ozeroved 12;25-34 '61.

LADOGA LAKE REGION—PHYSICAL GEOGRAPHY

Physicogeographical characteristics of the skerry section of Lake Ladoga. E. A. Popov. Trudy Lab. ozeroved. 12;5-24 '61.

LADOGA LAKE REGION—WATER, UNDERGROUND—COMPOSITION

Some chemical features of ground waters on the northern shore of Lake Ladoga. L. A. Zemlianitsyna. Trudy Lab ozeroved 12;185-192 '61

LADYZHENSKII, ALEKSANDR MIKHAILOVICH, 1892-

A. M. Ladyzhenskii's 70th birthday. Izv. vys. ucheb. zav. ;prav. 6 no. 1;192 '62.

LAGOCHILUS
(see also subdivision under Soviet Central Asia)

Effect of lagochilus tincture on the secretions of the pancreas in dogs. M. K. Rakhimova. Med. zhur. Uzb. no. 4 52-54 Ap '60.

LAK LANGUAGE—DICTIONARIES—RUSSIAN

Akademiia nauk SSSR, Institut iazykoznaniia. [Lak-Russian dictionary] Laksko-russkii slovar'. Sost. S. M. Khaidakov. Pod red. L. I. Zhirkova. Okolo 13 000 slov. S prilozheniem grammaticheskikh tablits lakskogo iazyka. L. I. Zhirkova. Moskva, Gos. izd-vo inostr. i natsional'nykh slovarei, 1962. 422 p.

LAKES see subdivision under Azerbaijan, Karelia, Siberia, Eastern

LALLEMANTIA

Lallemantin a new alkaloid from the plant Lallemantia peltata (L.) Fisch. et Mey. T. F. Platonova, P. [illegible] Sagetov, A. D. Kuzovkov. Med. prom. 16 no. 2 14 [illegible] '62.

LAMBLIASIS see Giardiasis

LAMELLIBRANCHIATA

Morphological reactivity of mantle tissues in Mytilus edulis L. L. G. Mikhailova, E. V. Pravdnikov [illegible] MMBI no. 3;125-130 '61.

LAMELLIBRANCHIATA, FOSSIL see subdivision under Georgia; Kulmach Range; Verkhoyansk Range; Vilyui Lowland

LAMINAR FLOW

Method for solving statically indeterminate problems of the two-dimensional flow of ideally plastic bodies I. A. Druianov. Dokl. AN SSSR 143 no. 4 808-810 Ap '62

Two-dimensional flow of a viscous fluid between two uniform parallel porous walls D. F. Dolidze, N. P. Dzhorbenadze Trudy mat. inst. AN Gruz. SSR 27 141-357 '60.

Unsteady motion of a viscous fluid in a half-space with a porous boundary D. E. Dolidze. Trudy mat. inst. AN Gruz SSR 27 333-345 '60

LAMINATED GLASS see Glass, Safety

LAMINATED MATERIALS

Calculation of laminated foundations [with summary in English]. IU. A. Shevliakov, A. K. Pryvarnykov Prikl. mekh. 8 no. 2;113-119 '62.

LAMINATED METALS

Equations of stresses in the theory of bimetallic shells [with summary in English]. A. V. Snelenkov. Prikl. mekh. 8 no. 2,155-160 '62.

Establishing the basic parameters of drawing steel aluminum bimetal wire. A. I. Ivanov, I. I. Perlin Sbor. nauch. trud. GINTSVETMET no. 33 [illegible] '61

Production of bimetal tubes of TSAM6-1.5 duralumin alloys by means of press forging. V. K. Korol', I. I. Perlin Sbor. nauch. trud. GINTSVETMET no. [illegible] 317 '60.

Production of two-layer sheet steel P. N. Masurik Metallurg 7 no. 4,27-29 Ap '62.

Technology of manufacturing bimetal inserts. V. G. Popov, E. P. Ponomarenko. Lit. proizv. no. [illegible] Mr '62

Use of 08kp steel for the production of bimetal [illegible] Bakuma, IU. IA. Zil'berg, K. M. Khrushchov [illegible] no. 3 267-269 Mr '62.

LAMINATED PLASTICS

Kozlov, N. F., and G. B. Shalun. [Decorative laminate plastics] Dekorativnyi sloistyi plastik. Leningrad [illegible] nauchno-tekhn. izd-vo khim. lit-ry, 1961. 76 p.

LANATOSIDES

Content of lanatosides ABC in Digitalis lanata depending on its nutrition. V. P. Gryzlov, E. V. Gulyi, [illegible] 16 no. 2;8-11 F '62.

Quantitative determination of lanatosides A_1, B_1, [illegible] in Digitalis lanata E. A. Gulyi, P. M. Lukhterev [illegible] prom 18 no. 1;41-45 Ja '62.

LAND
(see also subdivision under Russia, Northern)

Geographical research methods in the land cadastre [illegible] formed by the zemstvos. V. G. Krichkov. Vop. geog. no. 54,125-142 '61.

Survey of the work on the study, evaluation and [illegible] utilization of land resources of the Department of Physical Geography of the Moscow Branch of the Geographical Society of the U.S.S.R. (1957-1960) [illegible] Vop. geog. no. 54;165-171 '61

Taking into consideration geographical conditions in planning land utilization within the national [illegible] G. V. Cheshikhin. Vop. geog. no. 54,6-19 '61.

LAND CLEARING see Clearing of land

LAND TENURE
(see also subdivision under Baltic Provinces; Buryat-China; Lithuania, Ukraine; White Russia)

The Fourth Inter-Republic Conference on the Agrarian History of Eastern Europe. I. V. Ledovskaia Ist. 6 no. 1;226-231 Ja-F '62.

LANDAU, LEV DAVIDOVICH, 1908-

Academician Lev Davidovich Landau. A. A. Abrikosov, I. M. Khalatnikov. Fiz. v shkole 22 no. 1 21-27 Ja-F '62.

LANDFORMS
(see also subdivision under Caucasus; West Siberian Plain)

Detailed study of the characteristics of various landforms from the point of view of cultivation practices. [illegible] son. Vop. geog. no. 54;96-109 '61.

LANDFORMS (Continued)
Main problems of Soviet landform studies N. A. Solntsev, I. v. Vses geog ob-va 94 no.1 3-11 Ja-F '62
Studying landforms in health resort research. A. B. Bagdasarian Izv AN Arm.SSR Geol.i geog.nauki 14 no.6 63-70 '61.

LANDFORMS—CONGRESSES
The Fifth All-Union Conference on the Study of Landforms. Z V Dashkevich. Izv.Vses geog ob-va 94 no.1 96-100 Ja-F '62
Resolution of the Fifth All-Union Conference on the Study of Landforms. Izv.Vses.geog. ob-va 94 no.1 101-104 Ja-F '62

LANDSBERG—WORLD WAR, 1939-1945
In a fiery ring. N. Afanas'ev. Voen. vest 41 no. 2:17-18 F '62.

LANDSCAPE
Fifth All-Union Landscape Research Conference. A M Semenova-Tian-Shanskaia. Bot. zhur. 47 no. 3:442-444 Mr '62.

LANDSCAPE ARCHITECTURE
Details of landscape architecture. Z. Nikolaevskii, E Chaus Arkhit. SSSR no 3:40-43 '62

LANDSCAPE ARCHITECTURE—CONGRESSES
All-Union scientific conference on landscape architecture. M Sazanova. Izv. AN Turk SSR Ser biol nauk no. 1 86-87 '62

LANDSCAPE GARDENING
(see also subdivision under Klyaz'ma Reservoir region, Novosibirsk; Omsk, Siberia, Western)
By communal initiative B. Romanenko. Arkhit. SSSR no 3:55 '62.
Ganenko, I. G. [Dwarf elm in the landscaping of towns and workers' settlements] Il'm malkolistnyi v ozelenenii gorodov i rabochikh poselkov Izd. 2. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1961 17 p (DA)
Give greater attention to the landscaping of cities. Arkhit SSSR no 3:20-21 '62.
Landscaping industrial areas of cities. M. Bolotova, T. Kashintseva Arkhit. SSSR no 3:33-35 '62
Organization and landscaping of areas in daily use. S. Ilizarov and others. Arkhit. SSSR no. 3,25-32 '62.
Practices in landscaping industrial enterprises. A. Kovalev Arkhit SSSR no. 3:30-30 '62.
Practices in landscaping cities in the Soviet Union I. Maslinskii Arkhit. SSSR no. 3 21-24 '62
Ways of landscaping small areas. D. Georgbeidze. Arkhit SSSR no 3:50-50 '62.

LANDSCAPE PAINTING
Works of landscape artists. A. IAgodovskaia. Iskusstvo 25 no. 2:13-19 '62.

LANGUAGE AND LANGUAGES
Loja, Janis. [History of linguistics] Valodniecibas vesture. Riga, Latvijas Valsts izdevnieciba, 1961. 398 p. [In Latvian]
Muchnik, I. P. [Introduction of linguistics; a collection of problems and exercises for practical work and independent study] Vvedenie v iazykoznanie; sbornik zadach i upraznenii dlia prakticheskikh zaniatii i samostoiatel'noi raboty studentov. Izd. 2. Uchebnoe posobie dlia filologicheskikh fakul'tetov pedagogicheskikh institutov i universitetov. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 156 p.

LANGUAGE AND LANGUAGES—AUDIO-VISUAL AIDS
Electric apparatus for language exercises. L. P Liubovets', M M Fogel', IU D. Pavlov. Rad shk 40 no. 3 76-79 Mr '62.

LANGUAGE AND LANGUAGES—BIBLIOGRAPHY see Bibliography—Language and languages

LANGUAGE AND LANGUAGES—STUDY AND TEACHING
International Seminar on Teaching Foreign Languages. M. L. Gryzlova. Rus. iaz. v shkole 23 no. 2:114-115 Mr-Ap '62.

LANTERN PROJECTION
Photographic projection apparatuses for the marking-off of ship hull plate material. B. I. Serpov, I. V. Zefirov Sudostroenie 28 no. 3:61-65 F '62.

LANTERNS
Episcope. S. Votarumb. Nauka i zhizn' 29 no 2:82-83 F '62.

LANTHANIDES see Rare earths

LANTHANUM CHLORIDE
Autocatalytic mechanism of electrode processes in non-buffer solutions of lanthanum chloride. S I Zhdanov Dokl. AN SSSR 143 no. 4.902-904 Ap '62.

LAO-TZU
"Lao-tzu" by Chie Tani. Reviewed by V. A. Rubin. Sovr. kit. lit. po obshchestv.naukam no. 45:153-165 '61.

LAOS—POLITICS AND GOVERNMENT
Laos' Prospects of peace and war. A. Grishin. Az. i Afr. sog. no. 3:53-54 Mr '62.

LAOS—WOMEN IN PUBLIC LIFE
Kkham Pung is on her way Gyorgy Mate Ogonek 40 no 10 9 Mr '62

LAPEROUS, JEAN FRANCOIS, 1741-1788
New pages from the history of Laperous Expeditions R Ovchinnikov Vokrug sveta no 3 49 Mr '62

LAPLAND STATE PRESERVE—BOTANY
Species of flowering and cryptogamous plants in the Lapland Preserve [with summary in English] T P Nekrasova Trudy Lap gos zap no 4 127-188 '60

LAPLAND STATE PRESERVE—LICHENS
Lichens and mosses in the Lapland Preserve [with summary in English] N. M Pushkina Trudy Lap gos zap no 4 189-248 '60

LAPLAND STATE PRESERVE—MOSSES
Lichens and mosses in the Lapland Preserve [with summary in English] N M Pushkina Trudy Lap gos zap no 4 189-248 '60

LAPLAND STATE PRESERVE—REFORESTATION
Natural regeneration of vegetation in forest fire areas [with summary in English] N M. Pushkina Trudy Lap gos zap no 4 5-125 '60

LAPTA (GAME)
Smolin, IU. N. [Lapta, an aid for the instructor and trainer] Lapta; v pomoshch' instruktoru i treneru. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 55 p

LAPTEV SEA—OCEANOGRAPHIC RESEARCH
Oceanographic expedition to the Laptev Sea in 1960 N P Artemenko Probl Arkt i Antarkt. no 8 97 '61

LARCH see subdivision under Amgun' Valley, Volga Valley

LARVAE
Morphological and functional characteristics of the larva of Prionocyphon serricornis Mull (Coleoptera, Helodidae) in relation to inhabitation in water. B R. Striganova. Ent. oboz. 40 no. 3:577-583 '61.

LARVAE—WORMS
Zdun, V. I. [Trematode larvae in freshwater mollusks of the Ukraine] Lychynky trematod v prisnovodnykh malliuskakh Ukrainy. Kyiv, Vyd-vo Akad nauk URSR, 1961. 142 p.

LARYNGOSCOPE
Brief description of a new laryngoscope model. V. M. Soloviev Grud khir. 1 no. 5:113-114 S-O '59.

LARYNX—DISEASES
Differential diagnosis of laryngitis of diphtherial and non-diphtherial etiology K. G Petrova Zdrav Kazakh 22 no 1 66-69 '62.

LARYNX—TUBERCULOSIS
Dobromyl'skii, F. I. [What we must know about laryngeal tuberculosis] Chto nuzhno znat' o tuberkuleze gortani Moskva, Medgiz, 1961. 28 p. (DNLM)

LATEX
Latex. I. Pil'menshtein Nauka i zhizn' 29 no 2 30-33 F '62.

LATGALE—CATHOLIC CHURCH
Springovics, Zigmunds. [Latgale and Catholic Church] Latgale un katolu baznica. Riga, Latvijas Valsts izdevnieciba, 1961. 182 p. [In Latvian]

LATHES
Lathe attachment for turning air ducts in the rotor of the GT-25-700-1 gas turbine E. S. Grishkin, O. A. Rosliakov Energomashinostroenie 8 no. 1 36-37 Ja '62

LATHES—ATTACHMENTS
Hydraulic copying carriage for lathes. V. N. Trutnev. Mashinostroitel' no. 3:37-38 Mr '62.

LATHES—NUMERICAL CONTROL
The 1A616S semiautomatic lathe with hydraulic control IU. G. Rubinchik. Biul. tekh.-ekon. inform. no. 2:16-17 '62.

LATIN AMERICA—COOPERATIVE SOCIETIES
Cooperation in the countries of Latin America. A Sivolobov Sov potreb. koop. 6 no 3 52-55 Mr '62

LATIN AMERICA—DESCRIPTION AND TRAVEL
Ignat'ev, O. K. [From Argentina to Venezuela] Ot Argentiny do Venesuely. Moskva, Izd-vo "Znanie," 1961. 93 p.

LATIN AMERICA—ECONOMIC CONDITIONS
U. S. policy in Latin America. Trinidad Martillo. Mir. ekon. i mezhdunar. otn. no. 4:37-52 Ap '62.

LATIN AMERICA—FOREIGN ECONOMIC RELATIONS—UNITED STATES
An "alliance for plundering." Agitator no. 8:44-45 Ap '62.

LATIN AMERICA—INVESTMENTS, FOREIGN
Anglo-American competition in Latin America IE. Berezodnyi Ekon Rad.Ukr. no 1 111-116 Ja-F '62.

LATIN-AMERICAN STUDIES
Latin-American studies in the Soviet Union [with summary in English, pp. 221-222] S S Mikhailov Vop ist no. 1 98-106 Ap '62

LATIN LANGUAGE—VOWELS
Vocalisms in Balkan Latin. A V Shyrokova Nauk zap Chern un. 40. Ser. rom.-germ. filol no. 7 85-94 '60.

LATTICE THEORY
Method of quantum Green's functions in the theory of multiple-phonon transitions S V. Tiablikov, V A Moskalenko Trudy Mat inst 64:257-263 '61
Replacement of a lattice block near the reflector L Frilfai Atom energ 12 no 4 292-299 Ap '62

LATVIA—ADULT EDUCATION
Our universities R Maslit, S Vidri. Klub 18 no 2 11-16 F '62

LATVIA—AGRICULTURE—ECONOMIC ASPECTS
Latvijas Padomju Socialistiskas Republikas Zinatnu akademija. Ekonomikas instituts. [Agricultural economics] Lauksaimniecibas ekonomika. Riga, Latvijas PSR Zinatnu akad. izdevnieciba, 1961. 108 p. [In Latvian]
Reksna, Antons. [Lowering the cost of agricultural production helps to raise social welfare] Lauksaimniecibas produkcijas pasizmaksas pazeminasana - sabiedriskas labklajibas avots. Riga, Latvijas Valsts izdevnieciba, 1961. 81 p. [In Latvian]

LATVIA—AGRICULTURE—LABOR PRODUCTIVITY
Strausmane, L. [Raising labor productivity on swine farms] Darba raziguma celsana cukkopibas fermas. Riga, Latvijas Valsts izdevnieciba, 1961. 60 p. (Lopkopja biblioteka) [In Latvian] (DA)
Zorina, K., and J. Dundurs. [Increasing labor productivity is the path to abundance] Darba raziguma paaugstinasana - ceis uz parpilnibu. Riga, Latvijas Valsts izdevnieciba, 1961. 71 p. [In Latvian] (DA)

LATVIA—AMPHIBIA
Sloka, Janis. [Amphibia and reptiles of the Latvian S.S.R., their significance and harmfulness] Latvijas PSR abinieki un rapuli to nozime un kaitigums. Riga, Latvijas PSR Zinatnu akad. izdevnieciba, 1961 63 p. [In Latvian]

LATVIA—ARCHAEOLOGY
Latvijas Padomju Socialistiskas Republikas Zinatnu akademija. Vestures instituts. [Archaeology and ethnography] Arkheologija un etnografija, rakstu krajums. Riga, Latvijas PSR Zinatnu akad. izdevnieciba. [In Latvian]
Vol. 3, 1961. 172 p.

LATVIA—ASH (TREE)
Saks, K. [Growth of ash forests in the Latvian S.S.R. and basic principles in their reforestation] Latvijas PSR osa mezaudzes un to atjaunosanas mezsaimnieciskie pamati. Riga, Latvijas Valsts izdevnieciba, 1958. 131 p.

LATVIA—BEANS
Cultivation of forage beans in the Latvian S. S. R. A.K. Antonit. Zemledelie 24 no.2 42-45 F '62.

LATVIA—CARP
Bermane, S., and J. Smits. [Intensive carp and duck raising] Intensiva karpu un pilu audzesana. Riga, Latvijas Valsts izdevnieciba, 1961. 62 p. [In Latvian] (DA)

LATVIA—COLLECTIVE FARMS
"The collective farm peasantry in Latvia" by L. N. Terent'eva. Reviewed by A. Porit'skyi and M. Prikhod'ko Nar. tvorch. ta etn 5 no. 4 142-145 O-D '61.
"Peasantry on the collective farms in Latvia" by L. N. Terent'eva. Reviewed by L. Efremova, M. Slava, E. Chivkul. Sov. etn. no. 1 111-113 Ja-F '62.

LATVIA—COLLECTIVE FARMS—INCOME DISTRIBUTION
Eljasans, A., and I. Jermosenko. [Recent development in labor compensation on collective farms] Jaunakais par darba samaksu kolhozos. Riga, Latvijas Valsts izdevnieciba, 1961. 91 p. [In Latvian]

LATVIA—COMMUNIST PARTY OF THE SOVIET UNION
Latvijas Komunistiska partija. Partijas vesturas instituts, Riga. [Historical outline of the Latvian Communist Party] Latvijas Komunistiskas partijas vestures apcerejumi, Riga, Latvijas Valsts izdevnieciba. [In Latvian]
Vol. I. 1893-1919. 1961. 151 p.

LATVIA—CRIMINAL PROCEDURE
Liede, A. [Role of the public in criminal procedure; some remarks on the most important social principles and rules of the criminal procedure code of the Latvian S.S.R.] Sabiedribas loma kriminalprocesa; piezimes par Latvijas PSR kriminalprocesa kodeksa sabiedriski nozimigakajiem institutiem un noteikumiem. Riga, Latvijas Valsts izdevnieciba, 1961. 86 p. [In Latvian]

LATVIA—CULTURE

Mauliņa, I., comp. [Cultural institutions during the seven-year plan, work practice of clubs, libraries and motion-picture theaters] Kultūras iestādes septiņgades solī, klubu, bibliotēku un kinoteātru darba pieredze Rīga, Latvijas Valsts izdevniecība, 1961. 120 p. [In Litvian]

LATVIA—DRAFT HORSES

Zibens, P., and V. Zariņš. [Use of draft horses in agriculture] Darba zirgu izmantošana lauksaimniecība Rīga, Valsts izdevniecība, 1961. 58 p. (Lopkopja bibliotēka) [In Latvian]
(DA)

LATVIA—DUCKS

Bērmane, S., and J. Smits. [Intensive carp and duck raising] Intensīva karpu un pīļu audzēšana. Rīga, Latvijas Valsts izdevniecība, 1961. 62 p. [In Latvian]
(DA)

Petersone, I. [Practices of Latvian duck raisers] Latvijas PSR pīlkopju pieredze. Rīga, Latvijas Lopkopības un veterinārijas zinātniski pētnieciskais institūts, 1961. 19 p. [In Latvian]
(DA)

LATVIA—ECONOMIC CONDITIONS—MAPS

Latvijas Padomju Sociālistiskas Republikas. Zinātņu akadēmija. Ekonomikas institūts. [Statistical atlas of the Latvian Soviet Socialist Republic] Latvijas Padomju Sociālistiskas Republikas statistikas atlants. Statisticheskii atlas Latviiskoi Sovetskoi Sotsialisticheskoi Respubliki. Rīga, Latvijas PSR Zinātņu akadēmijas izdevniecība, 1960. 41, 40 p.
(DC)

LATVIA—ETHNOLOGY

Latvijas Padomju Sociālistiskas Republikas Zinātņu akadēmija. Vēstures institūts. [Archaeology and ethnography] Arheoloģija un etnogrāfija, rakstu krājums. Rīga, Latvijas PSR Zinātņu akad. izdevniecība. [In Latvian]
Vol. 3. 1961. 172 p.

LATVIA—FARM MECHANIZATION

Brakss, Akot. [Mechanization of work on livestock farms, its economic effectiveness and prospects on collective farms of the Latvian S. S. R.] Lopkopības darba procesu mehanizācijas, tās ekonomiskā efektivitāte un perspektīvas Latvijas PSR kolhozos. Rīga, Latvijas PSR Zinātņu akad. izdevniecība, 1961. 167 p. [In Latvian]
(DA)

LATVIA—FERNS

Some researches on the shield fern Dryopteris austriaca Woy. growing in the Latvian S. S. R. V. Jaunsila (V. Vaivers). Trudy Len. khim.-farm. inst. 12 297-302 '61

LATVIA—FIRE DEPARTMENTS

Akhanchenok, A. G. [Volunteers of Latvia] Dobrovol'tsy Latvii. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1960. 25 p.

LATVIA—FISHES—FOOD

Kacalova, Olga, and Ruta Laganovska. [Food supply for fish in the lakes of the Latvian S. S. R.] Zivju barības bāze Latvijas PSR ezeros. Rīga, Latvijas PSR Zinātņu akadēmijas izdevniecība, 1961. 103 p. [In Latvian]

LATVIA—FISHING

Vetra is always ahead of others. L. Pazhe. Sov. deputy trud. no. 3 30 Mr '62

LATVIA—FISHPONDS

Jurāne, Anna, and Marija Matisone. [Increasing the productivity of fishponds on collective and state farms in the Latvian S. S. R.] Dīķu produktivitātes paaugstināšana Latvijas PSR lauksaimniecības artelos un padomju saimniecībās. Rīga, Latvijas PSR Zinātņu akad. izdevniecība, 1961. 83 p. [In Latvian]
(DA)

LATVIA—FRUIT

Gutmanis, Krists. [Biochemical composition of fruits of the Latvian S. S. R.] Latvijas PSR augļu biokīmiskais sastāvs. Rīga, Latvijas PSR Zinātņu akadēmijas izdevniecība, 1961. 96 p. [In Latvian]

LATVIA—GEOLOGY

Danilāns, I. [The Quaternary and its sediments in Latvia] Kvartāra periods un tā nogulumi Latvijā. Rīga, Valsts izdevniecība, 1961. 198 p. [In Latvian]

LATVIA—GRAIN TRADE

Regulation of differences in the purchase price of grain elevators. M. Andronov. Den. i kred. 20 no. 3; 60-63 Mr '62.

LATVIA—HISTORICAL RESEARCH

The works of Latvian historians. A. K. Biron. Ist. SSSR 6 no. 2: 223-226 Mr-Ap '62.

LATVIA—HISTORY

Latvijas Padomju Sociālistiskas Republikas Zinātņu akadēmija. Vēstures un materiālas kultūras institūts. [History of the Latvian S. S. R. from earliest times to 1953] Istoriia Latviiskoi SSR (s drevneishikh vremen do 1953 g.), sokrashchennyi kurs. Pod red. K. IA. Strazdinia. Rīga, Izd-vo Akad. nauk Latviiskoi SSR, 1955. 620 p.
(KU)

Strazdiņš, K. [Latvian socialist nation] Latviešu sociālistiskā nācija. Rīga, Latvijas PSR Zinātņu akadēmijas izdevniecība, 1961. 104 p. [In Latvian]

LATVIA—INDUSTRIES

Ozmanis, J. [Business accounting in industry] Saimnieciskais aprēķins rūpniecība. Rīga, Latvijas Valsts izdevniecība, 1961. 205 p. Paliga ekonomiskai izglītībai) [In Latvian]

LATVIA—JUVENILE DELINQUENCY

Imposition of penalties on juvenile delinquents, from the practice of the Presidium of the Supreme Court of the Latvian S. S. R. L. A. Klinchinskaia. Sov. gos. i pravo 32 no. 4 131-134 Ap '62

LATVIA—LABOR PRODUCTIVITY

Beilina, G. [Labor productivity in industrial enterprises. Translated by J. Janovs] Darba ražīgums rūpniecības uzņēmumos. Rīga, Latvijas Valsts izdevniecība, 1961. 33 p. (Paliga ekonomiskai izglītībai) [In Latvian]

LATVIA—MEDICINE

Latvia's medical relations with Russia in the 18th century. F. F. Grigorash. Sov. zdrav. 21 no. 2 72-75 '62.

LATVIA—METALWORKING MACHINERY—MAINTENANCE AND REPAIR

Sturmane, Milda. [Ways of improving the overhauling of industrial equipment in the metalworking industry of the Latvian S. S. R.] Razošanas iekārtu kapitālremonta pilnveidošanas iespējas Latvijas PSR metālapstrādāšanas rūpniecība. Rīga, Latvijas PSR Zinātņu akadēmijas izdevniecība, 1961. 91 p. [In Latvian]

LATVIA—MINES AND MINERAL RESOURCES

Elduks, Julijs, and Matīss Kalniņš. [Minerals of the Latvian S. S. R. and their use] Latvijas PSR derīgie izrakteņi un to izmantošana. Rīga, Latvijas Valsts izdevniecība, 1961. 430 p. [In Latvian]

LATVIA—NAMES, GEOGRAPHICAL

Endzelīns, J. [Place names in the Latvian S. S. R.] Latvijas PSR vietvārdi. Rīga, Latvijas PSR Zinātņu akad. izdevniecība. [In Latvian]
Pt. 1, vol. 2. K - O. 1961. 505 p.

LATVIA—PEAT BOGS

Brakss, Nikolajs. [Swamps and peat] Purvi un kūdra. Rīga, Latvijas PSR Zinātņu akadēmijas izdevniecība, 1961. 90 p. [In Latvian]

LATVIA—POLIOMYELITIS

Kukaiņ, R. A. [Immunology and prospects for the extermination of poliomyelitis in the Latvian S. S. R.] Imunologija i perspektivy likvidatsii poliomielita v Latviiskoi SSR. Rīga, Izd-vo Akad. nauk Latviiskoi SSR, 1961. 169 p.
(DNLM)

LATVIA—POLITICS AND GOVERNMENT

Latvian S. S. R. Augstaka Padome. [Meetings of the Fourth Supreme Soviet of the Latvian S. S. R., tenth session, January 14-15, 1959, verbatim report] Sedes; stenogrāfisks pārskats. Zasedaniia Verkhovnogo Soveta Latviiskoi SSR, chetvertogo sozyva, desiataia sessiia, 14-15 ianvaria 1959 goda, stenograficheskii otchet. Rīga, Latvijas Valsts izdevniecība, 1959. 294 p. [Parallel texts in Latvian and Russian]

Latvian S. S. R. Augstaka Padome. [Meetings of the Fifth Soviet of the Latvian S. S. R., first session, March 16-17, 1959; verbatim report] Sedes; stenogrāfisks pārskats. Zasedaniia Verkhovnogo Soveta Latviiskoi SSR, piatogo sozyva, pervaia sessiia, 16-17 marta 1959 goda; stenograficheskii otchet. Rīga, Latvijas Valsts izdevniecība, 1959. 345 p. [Parallel texts in Latvian and Russian]

Miraculous means. E. Amerika. Sov. profsoiuzy 18 no. 4 4-6 F '62.

LATVIA—POULTRY

Grosmane, P. [Large poultry farms in the Latvian S. S. R.] Lielās putnkopības fermas Latvijas PSR. Rīga, Latvijas lopkopības un veterinārijas zinātniski pētnieciskais institūts, 1961. 17 p. [In Latvian]
(DA)

LATVIA—POWER ENGINEERING

Plaude, K., J. Mazurs, and K. Putniņš. [Development of Latvian power engineering within the electric power system of the U. S. S. R.] Latvijas energetikas attīstība PSRS energosistēmā. Rīga, Latvijas Valsts izdevniecība, 1961. 98 p. [In Latvian]

LATVIA—PRODUCE TRADE

First results. IA. Zelenkova. Sov. potreb. koop. 6 no. 3 29-30 Mr '62

LATVIA—REPTILES

Sloka, Janis. [Amphibia and reptiles of the Latvian S. S. R, their significance and harmfulness] Latvijas PSR abinieki un rāpuļi to nozīme un kaitīgums. Rīga, Latvijas PSR Zinātņu akad. izdevniecība, 1961. 63 p. [In Latvian]

LATVIA—RURAL CONDITIONS

"Peasantry on the collective farms in Latvia" by L. N. Terent'eva. Reviewed by L. Efremova, M. Slava, E. Chivkul. Sov. etn. no. 1 111-113 Ja-F '62.

LATVIA—SCOPOLIA

Anatomical structure of the leaves of Scopolia [illegible] Jaeq. E. I. Svirlovskii, M. P. Lupina [illegible] Trudy Len. khim.-farm. inst. 17 71-74 '61

LATVIA—SHEEP BREEDS

Freibergs, L. [Latvian blackhead sheep and their producers] Latvijas tumšgalvu aitas - [illegible] ražītājas. Rīga, Latvijas Valsts izdevniecība, 1961. 37 p. (Lopkopja bibliotēka) [In Latvian]
(DA)

LATVIA—SLASH (LOGGING)

Aboliņš, Janis, and Imants Ievinš. [Practices at lumbering camps] Šīko ciršanas [illegible] mežrūpniecības saimniecības. Rīga, Latvijas [illegible] Zinātņu akadēmijas izdevniecība, 1961. 15 p. [In Latvian]
(DA)

LATVIA—SOCIALIST COMPETITION

Motel', IA. S. [Not for the sake of glory or money] Ne radi slavy i oklada. Rīga, Latvgosizdat, 1960. 280 p. (Po dorogam semiletki)

LATVIA—STATE FARMS

Rūtiņš, A. [How we prepare for the 22d Congress of the CPSU, achievements on the "Turaida" State Farm] PSKP XXII kongresu sagaidot; padomju saimniecības "Turaida" sasniegumi. Rīga, Latvijas Valsts izdevniecība, 1961. 57 p. [In Latvian]
(DA)

Take care of the day and the year will take care of itself. N. Peshkova. Sov. profsoiuzy 18 no. 3 [illegible]

LATVIA—STOCK AND STOCKBREEDING

Brakss, Akot. [Mechanization of work on livestock farms, its economic effectiveness and prospects on collective farms of the Latvian S. S. R.] Lopkopības darba procesu mehanizācija, tās ekonomiskā efektivitāte un perspektīvas Latvijas PSR kolhozos. Rīga, Latvijas PSR Zinātņu akad. izdevniecība, 1961. 167 p. [In Latvian]
(DA)

Gorskin, I. S. [Problems in the specialization of cattle raising in the Latvian S. S. R. Translated from the Russian] Latvijas PSR lopkopības specializācijas problēmas. Rīga, Latvijas Valsts izdevniecība, 1961. 106 p. [In Latvian]

LATVIA—SWINE

Brencis, K., and J. Ribi. [Maintaining work [illegible] groups] Cūku turēšana lielās grupās. Rīga, Latvijas Valsts izdevniecība, 1961. 27 p. [illegible] [In Latvian]
(DA)

Strausmane, L. [Raising labor productivity, [illegible] farms] Darba ražīguma celšana cūkkopības [illegible] Rīga, Latvijas Valsts izdevniecība, 1961. [illegible] (Lopkopja bibliotēka) [In Latvian]
(DA)

LATVIA—TRADE UNIONS

Miraculous means. E. Amerika. Sov. profsoiuzy 18 no. 4 4-6 F '62

LATVIA—TUBERCULOSIS IN POULTRY

Bitena, A. [Tuberculosis in poultry and [illegible] Putnu tuberkulozes un tās apkarošanas [illegible] Lopkopības un veterinārijas zinātniski pētnieciskais institūts, 1961. 21 p. [In Latvian]
(DA)

LATVIAN LANGUAGE—DICTIONARIES

Zemzare, Daina. [Latvian dictionaries up [illegible] Latviešu vārdnīcas, līdz 1900. gadam. Rīga, [illegible] PSR Zinātņu akadēmijas izdevniecība, [illegible] [In Latvian]

LATVIAN LANGUAGE—FOREIGN WORDS AND [illegible]

Latvijas Padomju Sociālistiskas Republikas Zinātņu akadēmija. Valodas un literatūras institūts. [On the spelling and pronunciation of foreign [illegible] Latvian literary language] Noradījumi par svešvārdu pareizrakstību un pareizrunu latviešu literārajā valodā. Rīga, Latvijas PSR Zinātņu akadēmijas izdevniecība. [In Latvian]

Vol. 4. Porīte, T., comp. [Lithuanian [illegible] Lietuviešu valodas īpašvārdi. [illegible]

Vol. 5. Šaltmane, V., comp. [Polish [illegible] Polu valodas īpašvārdi. 1961. [illegible]

Vol. 6. Ahero, A., comp. [English [illegible] valodas īpašvārdi. 1961. 141 p.

Vol. 7. Ceplītis, L., comp. [Spanish [illegible] valodas īpašvārdi. 1961. [illegible]

Latvijas Padomju Sociālistiskas Republikas Zinātņu akadēmija. Valodas un literatūras institūts. [On the spelling and pronunciation of foreign names in the Latvian literary language] Noradījumi par svešvārdu pareizrakstību un pareizrunu latviešu literārajā valodā. Rīga, Latvijas PSR Zinātņu akadēmijas izdevniecība. [In Latvian]

Vol. 2. Mackova, G., comp. [Czech and Slovak names] Čehu un slovāku [illegible] 1961. 44 p.

LATVIAN LANGUAGE—PHONETICS

Laua, Alise. [Problems in the phonetics of the present-day Latvian literary language] Musdienu latviesu literaras valodas fonetikas jautajumi Riga, Latvijas Valsts Izdevnieciba, 1961. 107 p. [In Latvian]

LATVIAN LITERATURE—HISTORY AND CRITICISM

"Transactions of the Institute of Language and Literature, Academy of Sciences of the Latvian S.S.R." [in Latvian] Reviewed by Ingrida Sokolova. Vop lit. 6 no.1:209-212 Ja '62.

LATVIAN PAINTING see Painting, Latvian

LAUNDRIES—HYGIENIC ASPECTS

Hygienic evaluation of the microclimate of the main shops of mechanical laundries. L. V. Kuvshinova. Gig. truda i prof. zab. 1 no. 1 41-46 Ja '60

LAUREL

Harvesting bay leaves annually or every other year [with summary in English]. D. Kh. Chkhaidze, V. Kh. Chkhaidze, Kh. L. Chkhaidze. no. 1 87-96 '61.

More on vegetative propagation of bay laurel [with summary in English]. I. I. Chkhaidze, V. Kh. Kvachantiradze. Subtrop. kul't. no. 4:97-99 '61.

LAUREL—GRADING

Quality and grading of laurel leaves [with summary in English]. V. G. Pruidze. Subtrop. kul't. no. 4:81-86 '61.

LAURUSAS, VYTAUTAS, 1930-

Initial successes. L. Sviridova. Sov. muz. 26 no. 3: 54-57 Mr '62.

LAVA see subdivision under Tolbachik Volcano

LAW

Genkharov, A. F. [Soviet state and law during the reconstruction of the national economy of the U.S.S.R., 1921-1925] Sovetskoe gosudarstvo i pravo v period vosstanovleniia narodnogo khoziaistva SSSR, 1921-1925; lektsii dlia studentov VIUZI. Moskva, M-vo vysshego i srednego spetsial'nogo obrazovaniia RSFSR, No 3. 1960. 77 p.

Legal interpretation of normative acts. I. S. Samoshchenko. Sov. gos. i pravo 32 no. 3 77-86 Mr '62.

Tkachenko, IU. G. [Implementation of the rules of Soviet socialist law] Primenenie norm sovetskogo sotsialisticheskogo prava. Moskva, M-vo vysshego i srednego spetsial'nogo obrazovaniia RSFSR, 1960. 45 p. (Lektsii po kursu teorii gosudarstva i prava, no. 10) [MICROFILM]

LAW—BIBLIOGRAPHY see Bibliography—Law

LAW—CODIFICATION

The all-Union "Basic Principles of Civil Law" and some problems concerning the codification of Soviet laws. V. N. Sukhodrev. Sov. gos. i pravo 12 no. 1 49-57 Ap '62.

LAW—HANDBOOKS, MANUALS, ETC

Akademiia nauk URSR, Kiev. Sektor derzhavy i prava. [Five hundred questions and answers relating to Soviet law, a legal reference book for the Soviet people] 500 zapytan' i vidpovidei z radians'koho zakonodavstva, iurydychnyi dovidnyk dlia naselennia. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 363 p.

LAW—PHILOSOPHY

"Law and legality during the large-scale building of communism" by N. G. Alekxandrov. Reviewed by L. S. IAvich. Sov. gos. i pravo 32 no. 4 140-142 Ap '62.

Leningrad. Universitet. [V. I. Lenin on the state and law] V. I. Lenin o gosudarstve i prave. [Leningrad] 1961. 240 p.

"Rules of the socialist public order" [in Bulgarian] by M. Genovski, A. Popov. Reviewed by A. M. Aizenberg. Izv. vys. uchib. zav., prav. 6 no. 1 158-161 '62.

Soviet jurisprudence must eliminate the harmful consequences of the cult of personality. Sov. gos. i pravo 26 no. 3:3-16 Ap '62.

LAW—SOURCES

[Monuments of Russian law] Pamiatniki Russkogo prava. Moskva, Gos. izd-vo iurid. lit-ry.

Vol. 8. [Legal enactments of Peter I in the first quarter of the 18th century] Zakonodatel'nye akty Petra I; pervaia chetvert' XVIII v. 1961. 667 p.

LAW, MARITIME see Maritime law

LAYING-OUT (MACHINE-SHOP PRACTICE)

Laying-out devices designed by S. A. Novikov. V. V. Bulynko. Mashinostroitel' no. 3:41 Mr '62.

LAZURKINA, D. A.

First organizer of preschool education. L. I. Krasnogorskaia. Doshk. vosp. 35 no. 4:9-14 Ap '62.

LEACHING

Autoclave leaching of powellite concentrates. V. I. Starshenko, A. Mierkhanov, E. A. Buketov. Sbor. nauch. trud. Kaz. GMI no. 19:238-240 '60.

Thermodynamics of the dissolution of zinc oxide and copper oxide in sulfuric acid solutions as applicable to the leaching of zinc concentrates. A. N. Vol'skii, E. M. Sergievskaia. Sbor. nauch. trud. GINTSVETMET no. 33 18-25 '60.

LEAD

Polarographic method for the simultaneous determination of divalent and tetravalent lead in minium. Z. Edlinskii, M. Filipska. Lakokras. mat. i ikh prim. no. 6 52-55 '61.

Studying the Fermi surface in lead by the cyclotron resonance method [with summary in English]. M. S. Khaikin, R. T. Mina. Zhur. eksp. i teor. fiz. 42 no. 1 35-41 Ja '62.

LEAD—ISOTOPES

Isolation of small quantities of lead from rocks and minerals for the determination of isotope composition. M. N. Golubchina, T. M. Murtazina, A. N. Gusakova. Inform. sbor. VSEGEI no. 16 113-119 '59.

LEAD—METALLURGY

Hydrometallurgical treatment of the cake obtained in the alkali refining of lead. V. S. Loychikov, B. M. Lipshits. Sbor. nauch. trud. GINTSVETMET no. 33 43-50 '60.

LEAD—PHYSIOLOGICAL EFFECT

Arterial tone as affected by lead. G. R. Gemke. Gig. truda i prof. zab. 4 no. 2 49-53 F '60.

LEAD—TOXICOLOGY

"Labor hygiene in the production, repair, and charging of lead storage batteries" by A. A. Krasnovskii and T. S. Karachatov. Reviewed by V. D. Beltenev. Gig. truda i prof. zab. 1 no. 2 55-56 F '60.

LEAD-BISMUTH-MAGNESIUM ALLOYS—METALLOGRAPHY

Constitutional diagram of the system lead - bismuth - magnesium. P. I. Fedorov, V. I. Chachnev, V. M. Dolgopolova. Izv. vys. ucheb. zav., tsvet. met. 5 no. 2 58-64 '62.

LEAD IN THE BODY

Calorimetric determination of lead in the urine. O. M. Gulina. Gig. truda i prof. zab. 4 no. 11 58-60 N '60.

LEAD ORES

Features of the distribution of rare elements in lead-zinc deposits and the methodology of studying them to calculate the reserves. A. V. Garmash, K. I. Kusnetsov, G. M. Meitus. Trudy Inst. min., geokhim., kristallokhim., red. elem. no. 6 56-71 '61.

LEAD ORES—ANALYSIS see subdivision under Ak Tyuz region

LEAD ORGANIC COMPOUNDS

Study of the element-oxane bond. Lead oxanes. E. M. Panov, N. N. Zemlianskii, K. A. Kocheshkov. Dokl. AN SSSR 143 no. 1:603-605 Mr '62.

Tin and lead hydrocarbons with 1,3-enyne radicals. V. S. Zavgorodnii, A. A. Petrov. Dokl. AN SSSR 143 no. 1 855-858 Ap '62.

LEAD OXIDES

Electrodeposition of lead dioxide from alkaline plumbite electrolytes. N. B. Bakhchisaraitsian, I. A. Dzhafarov. Dokl. AN Azerb. SSR 17 no. 9 785-788 '61.

Investigation of the dispersity of lead oxide. P. I. Ermilov. Lakokras. mat. i ikh prim. no. 5, 13-16 '61.

Solubility and mechanism of solution of quadrivalent lead. L. V. Vanlukova, M. M. Isaeva, B. N. Kabanov. Dokl. AN SSSR 143 no. 2:377-379 Mr '62.

LEAD POISONING

Recent data on the effect of small concentrations of lead on the human organism. M. I. Gusev. Prad. dop. kontsent. atmosf. vozdr. no. 5:27-39 '61.

LEAD SULFIDE

Treatment of lead sulfide concentrates with ferric chloride. R. A. Agrancheva, A. N. Vol'skii. Sbor. nauch. trud. GINTSVETMET no. 33 26-33 '60.

LEAD SULFIDE—TOXICOLOGY

Maximum permissible concentration of lead sulfide in the air. O. P. Shalamberidze. Prad. dop. kontsent. atmosf. vozdr. no. 5, 10-13 '61.

LEAD-THALLIUM ALLOYS

Electrodeposition of lead-thallium alloys. N. V. Korovin, IU. A. Velichko, G. S. Konstantinova. Sbor. nauch. trud. GINTSVETMET no. 33 400-404 '60.

LEAD TITANATE

X-ray study of the effect of a hydrostatic pressure not exceeding 18,000 Kg/cm^2 on the structure of lead titanate. S. S. Kabalkina, L. F. Vereshchagin. Dokl. AN SSSR 143 no. 4 818-821 Ap '62.

LEAF BEETLES

(see also subdivision under Caucasus, Northern)

Review of the palearctic species of the genus Clytra Laich. (Coleoptera, Chrysomelidae). L. N. Medvedev. Ent. obozr. 40 no. 3:636-651 '61.

LEARNED INSTITUTIONS AND SOCIETIES see subdivision under Ukraine

LEATHER

(see also subdivision under United States)

Use of latexes in the manufacture of chrome leather for shoe uppers. M. IA. Kutovskii. Kozh.-obuv. prom. 4 no. 1 32-34 Ja '62.

LEATHER—TESTING

Method of nondestructive testing of the stiffness of leather sole parts. F. S. Ovechkis, R. Sh. TSveifel'. Kozh.-obuv. prom. 4 no. 1 25-27 Ja '62.

LEATHER, ARTFICIAL see subdivision under Ternopol

LEATHER INDUSTRY see subdivision under Kishinev, Leningrad, Moscow

LEATHER INDUSTRY—BIBLIOGRAPHY see Bibliography—Leather industry

LEATHER INDUSTRY—BY-PRODUCTS see subdivision under Petropavlovsk

LEATHER INDUSTRY—PERIODICALS

Readers discuss the periodical "Kozhevenno-obuvnaia promyshlennost'." Kozh.-obuv. prom. 4 no. 1, 40 Ja '62.

LEATHER SUBSTITUTES

New materials for footwear. Kozh.-obuv. prom. 4 no. 1 40 Ja '62.

LEAVES

Comparative ecologic and anatomic study of the leaves of Aflatunia ulmifolia and of two species of Amygdalus. A. D. Nesmelanova. Bot. zhur. 47 no. 3 398-404 Mr '62.

Flow of assimilates during the infiltration of osmotically active substances into leaves [with summary in English] A. V. Aniskov and others. Fiziol. rast. 9 no. 1 16-20 '62.

Improved method for measuring leaf temperature. D. G. Chelidze. Subtrop. kul't. no. 4 118-121 '61.

LEAVES—ANATOMY

Anatomical structure of the leaves of Scopolia carniolica Jacq. E. I. Sviridovskii, M. P. Liepina, L. D. Pilpe. Trudy Len. khim.-farm. inst. 12 71-73 '61.

Anatomy and microchemistry of the leaves of Bergenia crassifolia (L.) Fritsch. I. N. Karabasheva. Trudy Len. khim.-farm. inst. 12 185-190 '61.

Leaf venation in species of the family Hamamelidaceae. N. T. Skvortsova. Trudy Len. khim. inst. 12 75-83 75-83 '61.

LEAVES—MORPHOLOGY

Some cytological characteristics of the formation of club-shaped hairs in Pyrethrum carneum M. B. V. K. Shcherbikov. Trudy Len. khim.-farm. inst. 12 119-121 '61.

LECHKHUMI RANGE—GEOLOGY, STRATIGRAPHIC

Lower Carboniferous stratigraphy in the northern wing of the Rachim-Lechkhumi syncline. L. P. Gamkrelidze. Soob. AN Gruz. SSR 28 no. 2:187-194 F '62.

LECITHIN

Effect of certain external factors on blood lipids [with summary in English] G. A. Glezer, L. A. Miasnikov. Kardiologiia 1 no. 3 35-40 My-Je '61.

Effect of some plant oils on the level of cholesterol and lecithin in the blood in arteriosclerosis [with summary in English] A. M. Pleshkov. Klin. med. no. 3 126-130 '62.

LEGISLATIVE BODIES

Supreme governmental body of the U.S.S.R. during the large-scale building of communism. Sov. gos. i pravo 32 no. 3 3-10 Mr '62.

LEGUMES

Effect of gibberellin and heteroauxin on the growth of leguminous plants and the formation of tubercles. M. Kh. Chailakhian and others. Izv. AN Arm. SSR. Biol. nauki 11 no. 12 25-38 D '61.

LEIPZIG—TRIALS (POLITICAL CRIMES AND OFFENSES)

Dimitrov, Georgi. [The Leipzig trial; speeches, letters, and documents] Leipsigskii protsess, rechi, pis'ma i dokumenty. [Pod red. i s predisl. B. N. Ponomareva] Moskva, Gos. izd-vo polit. lit-ry, 1961. 531 p. (InU)

LEMESHEV, SERGEI IAKOVLEVICH, 1902-

Spiritual wealth of an artist. G. Polianovskii. Sov. muz. 26 no. 3:119-120 Mr '62.

LEMON

Lemon tree pruning at the period of its crown formation and fruiting [with summary in English]. N. N. Bunina. Subtrop. kul't. no. 4 49-64 '61.

LENA VALLEY—BRINES

Origin of brines of the Angara-Lena artesian basin. N. IA. Tychino. Trudy VNIGRI no. 186 122-127 '61.

LENA VALLEY—GEOLOGY, STRATIGRAPHIC

Alekseev, M. N. [Stratigraphy of continental Neogene and Quaternary sediments of the Vilyuy trough and the lower Lena Valley] Stratigrafiia kontinental'nykh neogenovykh i chetvertichnykh otlozhenii Viliuiskoi vpadiny i doliny nizhnego techeniia reki Leny Moskva, Izd-vo Akad. nauk SSSR, 1961 116 p (Akademiia nauk SSSR Geologicheskii institut. Trudy, no. 51)

LENA VALLEY—MOLLUSKS, FOSSIL

New species of Inoceramus from Middle and Upper Jurassic sediments in the lower Lena River Z V Koshel'kina Paleont zhur no 1 65-73 '62

LENA VALLEY—STRIKES AND LOCKOUTS—GOLD MINING

Events that stirred up all Russia IU. Aksenov. Polit samoobr. 6 no. 3:124-132 Mr '62

LENIN, VLADIMIR IL'ICH, 1870-1924

Atheistic legacy of Lenin. F. Oleshchuk Voiov. ateist no 3,5-6 Mr '62

Bezvesel'nyi, S. F., and D. E. Grinberg, comps. [Lenin; reminiscences of his foreign coevals] O Lenine, vospominaniia zarubezhnykh sovremennikov. Moskva, [Gospolitizdat] 1962 535 p.

The bright genius of Lenin lights the way to communism for humanity Nach shkola 30 no 4:3-6 Ap '62

"A catalog of V. I. Lenin's library in the Kremlin." Reviewed by B Kamenetskii, R. Inglezi Mol komm no 4:140-143 Ap '62

Freedom to the peoples! Sov. soiuz no 4:11 '62.

From V. I. Lenin's letter to the editor of "Pravda" Kommunist 39 no 6 17-18 Ap '62

How V. I. Lenin developed the Marxist theory of federal government B L. Manelis. Sov. gos. i pravo 32 no. 1: 17-28 Ap '62

Lenin, V. I. [Lenin on propaganda] Lenin o propagande i agitatsii. Izd 2. Moskva, Gos. izd-vo polit lit-ry, 1962. 420 p.

Lenin and children. A. V Surovtseva. Doshk vosp 35 no. 4 6-9 Ap '62

"Lenin as person and friend." Reviewed by S. Mezentsev. Part. zhizn' no 7:71-74 Ap '62.

"Lenin, comrade and man." Reviewed by IU. Repin. Doshk. vosp. 35 no 4 118-122 Ap '62.

"Lenin on friendship with the peoples of the Orient." Reviewed by M. Lopatkin. V mire knig 2 no. 2 2 F '62.

Lenin on reading. L. Lukachevskaia. V mire knig 2 no 3,41-42 Mr '62

Lenin on the strict observance of socialist law. V mire knig 2 no 3,1 Mr '62

Lenin's flowers. Vas. Il'in. Sov. profsoiuzy 18 no. 7: 12-15 Ap '62.

Lenin's plan for the transition to the socialist revolution E Bugaev. Kommunist 39 no 6:19-29 Ap '62

Leningrad. Universitet. [V. I Lenin on the state and law] V. I. Lenin o gosudarstve i prave. [Leningrad] 1961. 249 p.

Mel'nikov, A. N., and F. Sh Treivus. [V. I. Lenin's criticism of the revisionary "theories" of imperialism and their significance for the present time] Kritika V I Leninym revizionistskikh "teorii" imperializma i ee znachenie dlia sovremennosti. [Leningrad] Lenizdat, 1961. 261 p.

[Problems of economic theory in V. I. Lenin's work] Voprosy ekonomicheskoi teorii v trudakh V. I. Lenina. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1962. 372 p.

Problems of the statistics of population in V. I. Lenin's work L Malyi Vest. stat. no 4 24-36 '62

Talk with Lenin K Akimov Klub 11 no 2 10-13 F '62.

Thinker, leader and man. G. Krzhizhanovskii and others. V mire knig 2 no. 3 4-5 Mr '62.

Triumph of Leninism. Kommunist 38 no. 5 3-12 Mr '62.

Triumphal march of Lenin's ideas M Bochkareva Klub 11 no 2 13 F '62

"Unfading example" by A. Loginov. Reviewed by N. Zasherchenko. Mol. komm no. 4: 135-139 Ap '62

Unforgettable days. S. Buzanov. Sov.voin 44 no. 7:7 Ap '62.

Unforgettable pages. L. Shirlaeva. Mol. komm. no. 4, 25-31 Ap '62

V. I. Lenin and Soviet inventors [with summary in English, pp 217-218] V. S. Poznanskii. Vop. ist no. 4:3-17 Ap '62

V. I Lenin and the nationalization of banks after the victory of the Great October Revolution. A. M. Gindin Ist. SSSR 6 no 2 3-18 Mr-Ap '62

V I. Lenin on the communist attitude toward work. V. Patochkin. Ekon. Rad. Ukr. no. 1:97-104 Ja-F '62.

V. I. Lenin's interpretation of the revolutionary populism of the 1870's. Sh M Levin Ist. SSSR 6 no 2:19-41 Mr-Ap '62

V I. Lenin's interviews with the correspondents of foreign bourgeois newspapers in 1917-1921 E V Klopov, L. M. Troflmova Ist SSSR 6 no 2.79-99 Mr-Ap '62.

V. I. Lenin's letter to the editor of "Pravda." Part. zhizn' no. 8:4-5 Ap '62.

V. I. Lenin's letter to the Polish Communists. Kommunist 39 no. 6.16-17 Ap '62.

V. I. Lenin's letter to the Polish Communists Part zhizn' no 8,3-4 Ap '62

"V. I Lenin's library in the Kremlin." Reviewed by M. Smirnov-Sokol'skii V mire knig 2 no 3:6-7 Mr '62

V. I Lenin's philosophical legacy. Kommunist 38 no 5, 31-42 Mr '62.

V. I. Lenin's struggle for the purity of the Russian language F. P. Sorokoletov Rus iaz v shkole 23 no. 2: 1-5 Mr-Ap '62

V I. Lenin's work "What is to be done?" Kal znam i pam dat 7 no 3 38-42 Mr '62.

"Vladimir Il'ich Lenin." [album of photographs]. Sov. voin 44 no. 7-42 Ap '62.

Vladimir Il'ich Lenin, on the 90th anniversary of his birth. Med. zhur. Uzb. no. 4 3-4 Ap '60

Voroshilov, K. E. [My first encounter with Vladimir Il'ich] Moia persha zustrich z Volodymyrom Illichem. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1960. 7 p. (NNC)

Work in the Lenin way Sov. profsoiuzy 18 no. 7:2-3 Ap '62.

Working on the image.... M. Shtraukh V mire knig 2 no. 3:32 Mr '62

Works on economics and statistics in V I. Lenin's library S Gurevich Vest stat. no 4 37-49 '62.

Zashkil'niak, A. S. [V. I. Lenin's struggle to consolidate the Bolshevik Party after the Second Congress of the Russian Social Democratic Party] Borot'ba V. I. Lenina za zmitsennia Bil'shovits'koi partii pislia II z'izdu RSDRP. [L'viv] Vyd-vo L'vivs'koho univ., 1960. 150 p. (NNC)

LENIN, VLADIMIR IL'ICH, 1870-1924—BIBLIOGRAPHY

see Bibliography—Lenin, Vladimir Il'ich, 1870-1924

LENIN, VLADIMIR IL'ICH, 1870-1924—HOMES AND HAUNTS

First in the country. P. Orlov. Sov.voin 44 no 7:8 Ap '62.

LENIN, VLADIMIR IL'ICH, 1870-1924—MUSEUMS, RELICS, ETC.

["The barn" and "the shelter" in Razliv; a guidebook] "Saraĭ" i "shalash" v Razlive; putevoditel'. [Leningrad] Lenizdat, 1961. 48 p (Memorial'nye muzei V. I Lenina)

LENIN, VLADIMIR IL'ICH, 1870-1924—TRANSLATIONS

In the languages of the entire world. Komm. Voruzh. sil 2 no. 7 47-48 Ap '62.

LENIN (ATOMIC SHIP)

Eight icy weeks. A. Taradankin. Sov. voin 44 no. 5-10-19 Mr '62.

LENIN IN LITERATURE AND ART

Eternal image G A Gluzman Nach shkola 30 no 4 7-10 Ap '62.

Pogodin, N. F., G. I. Serebriakova, and M. P. Prilezhaeva. [Great personalities] Velikie obrazy. Moskva, Izd-vo "Znanie," 1962. 31 p. (Novoe v zhizni, nauke, tekhnike Seriia 6. Literatura i iskusstvo, no. 1)

A source of creative joy. B. Smirnov. Mol komm. no 4:131-135 Ap '62

We met with Il'ich. Vl. Perel'man. Sov. profsoiuzy 18 no. 7:16-19 Ap '62.

LENINGRAD—BAKERS AND BAKERIES—EQUIPMENT AND SUPPLIES

Use of U-shaped manometers for controlling the steam conditions of baking ovens. I V Kiseleva and others. Khleb. i kond prom. 6 no. 3:32-33 Mr '62.

LENINGRAD—BALLET

The unexpected in "Giselle." L. Vainshtein. Teatr 23 no. 3:42-44 Mr '62.

LENINGRAD—BIOLOGICAL SOCIETIES

Brief news. Trudy Len. ob-va est. 72 no. 1:3-10 '61.

LENINGRAD—BUILDING

Building quality should rise to the level of modern requirements A. P. Klushin. Stroi. i arkhit. Len. 23 no 11 6-9 N '61.

In support of faultless precision in the assembly of buildings. L. S. Avirom, L. A. Kolesov. Stroi i arkhit. Len. 23 no. 11 12-13 N '61.

LENINGRAD—BUILDING—ACCIDENTS

Industrial accidents in building the Leningrad subway. N. S. Golub', R. K. Voloshina. Zdrav. Ros. Feder. 6 no. 1:21-25 Ja '62.

LENINGRAD—BUILDING MATERIALS—TESTING

Introduce into construction practice physical methods of inspecting the quality of materials. K. A. Glukhovskoi Stroi. i arkhit. Len. 23 no. 11 10-11 N '61.

LENINGRAD—CARBURETORS

Factory committee as an organ of collective supervision. A. Bodunov. Sov. profsoiuzy 18 no 5 22-23 Mr '62.

LENINGRAD—CITY PLANNING

Housing construction in the Lanskoye Highway section. N. M. Nazar'in. Stroi. i arkhit. Len. 23 no. 11-20-22 N '61.

LENINGRAD—COMMUNITY CENTERS

Leviteskii, G. S. [Our club of enthusiasts] Nash klub entuziastov. [Leningrad] Lenizdat, 1961. 20 p. (Novoe v zhizni)

Visitors to a palace of culture. IA. Sukhotskov. Sov. profsoiuzy 18 no. 6 12 Mr '62.

LENINGRAD—CONFECTIONERY

Device for removing iced candies from a mechanized flow line. N. M Ruzanov. Khleb. i kond. prom. 6 no. 3:41-44 Mr '62.

LENINGRAD—CONSTRUCTION INDUSTRY

In the Executive Committee of the Leningrad Council. Stroi. i arkhit. Len 23 no 11 32-3 of cover N '61.

Popov, B. D. [Developing and introducing organizational and technical measures in construction (the practice of the Main Administration for Construction in Leningrad); verbatim report of a lecture] Razrabotka i vnedrenie organizatsionno-tekhnicheskikh meropriiatii v stroitel'stve (opyta Glavleningradstroia); stenogramma lektsii. Leningrad, 1961. 40 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Stroitel'naia promyshlennost')

Urgent tasks of the architects and construction workers of Leningrad. V A Kumenskii. Stroi i arkhit Len 23 no 11:3-5 N '61.

LENINGRAD—DIESEL ENGINES—TECHNOLOGICAL INNOVATIONS

Nadikov, V. M., and IU. P. Bogv. [Plant council of innovators] Zavodskoi Sovet novatorov. Leningrad, 1962. 20 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Seriia Metodika postanovki nauchno-tekhnicheskoi informatsii i propagandy)

LENINGRAD—ECONOMICS—STUDY AND TEACHING

Coordinating the academic work of the economics departments of the Leningrad institutions of higher learning D. Trifonov. Vop. ekon. no. 3:157-158 Mr '62.

LENINGRAD—GAS TURBINES

The GTN-9-750 gas turbine supercharger manufactured by the Leningrad Metalworks. I. D. Frenkel' Energ. mashinostroenie 8 no 1 32 Ja '62.

LENINGRAD—GEOGRAPHERS, AMERICAN

Visit of American geographers in Leningrad. I. M. Maĭerits. Izv. Vses. geog. ob-va 94 no. 1:104 Ja-F '62.

LENINGRAD—HOSPITALS

From the history of the first hospitals in St. Petersburg A. M. Kopylov. Sov. zdrav. 21 no. 2 57-59 '62

"S. P. Botkin Hospital of Infectious Diseases in Leningrad" by M. M. Figurina. Reviewed by S. IA. Freidin. Zdrav. Ros. Feder. 6 no. 1:41-42 Ja '62.

LENINGRAD—LEATHER INDUSTRY

Seminar for administrative personnel. Kozh.-obuv. prom. 4 no. 1:40 Ja '62.

LENINGRAD—LIBRARIES

Bibliographic classification of geological and geographical sciences, the variant of the Academy of Sciences of the U. S. S. R. I. N. Bankuchenko Trudy Bibl. AN SSSR 5 221-228 '61.

The building of the Library of the Academy of Sciences of the U. S. S. R., from the history of the building and problems of reconstruction A. E. Menshikov Trudy Bibl. AN SSSR 5 273-287 '61

The date of foundation of the Library of the Academy of Sciences of the U. S. S. R. K. L. Shafranovskii. Trudy Bibl. AN SSSR 5 261-272 '61.

LENINGRAD—LIBRARIES—SPECIAL COLLECTIONS

The acquisition of Russian books by the Library of the Academy of Sciences of the U. S. S. R. in the 18th century G. F. Podozerskaia, K. L. Shafranovskii. Trudy Bibl. AN SSSR. 5:288-297 '61.

LENINGRAD—LIBRARIES, PRIVATE

"Voltaire library, catalogue of books." Reviewed by M. I. Radovskii. Priroda 51 no. 3:122-123 Mr '62.

LENINGRAD—LIBRARIES, SPECIAL—CATALOGS

"Voltaire's library." Reviewed by N. Varbanets. V mire knig 2 no. 2:45 F '62.

LENINGRAD—LIQUOR INDUSTRY—EQUIPMENT AND SUPPLIES

Automatic distribution of containers on a conveyer leading toward bottle-washing machines. I. A. Stepanov, K. P. Andreev, E. N. Ushakov. Spirt. prom. 28 no. 2.29-34 '62.

Automatic screening section. K. P. Andreev, V. I. Lesik. Spirt. prom. 28 no. 2:25 '62.

LENINGRAD—MATHEMATICAL SOCIETIES

Meetings of the Leningrad Mathematical Society. Usp. mat. nauk 17 no. 1.243-248 Ja-F '62

LENINGRAD—OPTICAL TRADE

Koroleva, E. S. [High standard enterprise] Predpriiatie vysokoi kul'tury. [Leningrad] Lenizdat, 1961. 47 p. (Novoe vkhodit v zhizn')

LENINGRAD—PARKS
Lenin Park in Leningrad. E. Levinson. Arkhit. SSSR no 3 52-54 '62.

LENINGRAD—PLUMBING
Shumarin, P. M. [Comfortable and warm apartments for the people of Leningrad] Blagoustroennye teplye kvartiry - leningradtsam [Leningrad] Lenizdat, 1960. 86 p. (Novatory leningradskoi promyshlennosti)

LENINGRAD—PRINTING INDUSTRY
Activity of the Printing Industry Section of the Technical and Economic Committee of the Leningrad Economic Council. V. A. Vikhorev, F. A. Alefinkova. Biul. tekh.-ekon. inform. no 2:85-86 '62

LENINGRAD—RESEARCH
How the Leningrad City Committee of the CPSU guides the party organizations of research institutions. Part. zhizn' no 6:31-35 Ap '62

LENINGRAD—RESEARCH, INDUSTRIAL
Scientists in the struggle for the acceleration of technical progress. G. Z. Voronkov. Vest. vys. shkoly 20 no 2 79-81 F '62

LENINGRAD—RESEARCH LIBRARIES
Akademiia nauk SSSR. Biblioteka. [Library of the Academy of Sciences of the U. S. S. R. in 1960] Biblioteka Akademii nauk SSSR v 1960 godu. Sost. G. IA. Smolin. Pod red. M. S. Filippova, Leningrad, 1961. 153 p.

LENINGRAD—REVOLUTION, 1917-1921
Composition of the Petrograd Red Guards. V. I. Startsev. Ist. SSSR 6 no. 1 136-141 Ja-F '62.

LENINGRAD—SELF-SERVICE STORES
Fedorov, L. B. [We trust our people] Na osnove doverila. [Leningrad] Lenizdat, 1961. 23 p. (Novoe vkhodit v zhizn')

LENINGRAD—SEWING MACHINES
Chervlakov, F. I., and E. P. Kurskaia. [Trends in the design of new sewing machines; experience of the Pedol'sk Plant named after Kalinin] Napravlenie v konstruirovanii novykh shveinykh mashin; opyt Podol'skogo mekhanicheskogo zavoda im. Kalinina. Stenogramma lektsii, prochitannoi v LDNTP na seminare dlia rabotnikov shveinoi promyshlennosti. Leningrad, 1961. 43 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Seriia: Shveinaia promyshlennost')

LENINGRAD—SIEGE, 1941-1944
"Twenty-fifth of October Memorial Hospital" during the period of the blockade of Leningrad 1941-1944. I. P. Virogradov, S. G. Pen'kovich. Sov. zdrav. 21 no. 2:53-57 '62.

LENINGRAD—SUBWAYS
Industrial accidents in building the Leningrad subway. N. S. Glotsb', R. K. Volosbina. Zdrav. Ros. Fed. 6 no. 1: 21-25 Ja '62.

LENINGRAD—TAX ACCOUNTING
Important condition for developing public control. V. Antropov. Fin. SSSR 23 no 3 76-78 Mr '62

LENINGRAD—THEATER
Premieres in Leningrad. Vl. Pimenov. Teatr 23 no. 3: 48-56 Mr '62

LENINGRAD—WOODWORKING INDUSTRIES
Prokof'ev, N. M., and Sh. I. Butikashvili. [Overall mechanization of the lumbering section; experience of the Leningrad Lumbering and Woodworking Combine named after Kalinin] Kompleksnaia mekhanizatsiia lesopil'nogo tsekha; opyt raboty LLDK im. Kalinina. Leningrad, 1961. 23 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Derevoobrabatyvaiushchaia promyshlennost, no. 9)

LENINGRAD—WORKS COUNCILS
Our consultations. A. Topolev, I. Kolganov. Sov. profsoiuzy 18 no. 4 45-46 F '62.

LENINGRAD—YEAST
Testing a new technology of yeast production at the Leningrad Yeast Plant. I. A. Mel'tser. Khleb. i kond. prom. 6 no. 3:18-19 Mr '62.

LENINGRAD ECONOMIC REGION—FORESTS AND FORESTRY
What the foresters and loggers of the Leningrad Economic Council have to say. Les. khoz. 15 no 2-3 F '62.

LENINGRAD ECONOMIC REGION—SOCIALIST COMPETITION
New developments in socialist competition in the leather and footwear enterprises of the Leningrad Economic Council. M. N. Nevzgodina. Kozh.-obuv. prom. 4 no. 1: 6-9 Ja '62.

LENINGRAD PROVINCE—BOTANY—ECOLOGY
Nitsenko, A. A. [Changes in the natural vegetation of Leningrad Province under the influence of man] Izmenenie estestvennoi rastitel'nosti Leningradskoi oblasti pod vozdeistviem cheloveka. [Leningrad] Izd-vo Leningr. univ., 1961. 49 p.

LENINGRAD PROVINCE—GRASSES
Productivity and intensity of photosynthesis of some meadow mesophytes in Leningrad Province. L. N. Alekseenko. Nauch. doki. vys. shkoly, biol. nauki no 1 140-144 '62

LENINGRAD PROVINCE—VALERIAN
Valerian culture in the Karelian Isthmus. L. V. Selenina, V. I. Gladkov, R. N. Zozulia. Trudy Len. khim.-farm. inst. 12 335-343 '61.

LENINOGORSK (EAST KAZAKHSTAN PROVINCE)—DYSENTERY
Characteristics of dysentery cultures isolated in Leninogorsk. Report No. 1. L. A. Savicheva. Zdrav. Kazakh. 21 no. 12:45-46 '61.

LENINOGORSK (EAST KAZAKHSTAN PROVINCE)—ORE DRESSING
Improving crushing department operations in Leninogorsk Combine plants. V. S. Kopytov, E. I. Solomennikov, V. K. Tugarinov. Obog. rud 7 no 1 49-53 '62

LENKORAN LOWLAND—MOSQUITOES
Distribution of bloodsucking mosquitoes (Diptera, Culicidae, Culicinae) in various landscape zones of the southeastern part of the Azerbaijan S. S. R. G. M. Nagiev. Ent. obozr. 40 no. 3 541-553 '61

LENS, CRYSTALLINE see Crystalline lens

LENSES
A new mirror-lens objective [with summary in English]. T. S. Belorossova, N. V. Merman, M. A. Sosnina. Astron. zhur. 39 no. 2:330-334 Mr-Ap '62

LENTSOV, VLADIMIR
"Confidence"; verse by V. Lentsov. Reviewed by Vasil' IUkhimovich. Sov. Ukr. 12 no 1:184-186 Ja '62.

LEONOV, LEONID MAKSIMOVICH, 1899-
Future demands. N. Stor. Ogonek 40 no 14 2-3 Ap '62.

LEPROSY
(see also subdivision under India)
Surgery on the peripheral nerves in leprous patients. A. S. Idrisov. Zdrav. Kazakh. 22 no. 1 8-11 '62.

LEPTOSPIRA
Determining by analytic ultracentrifugation the quantity of the components in extracts from Leptospira. E. S. Stanislavskii, M. I. Zhvanetskaia. Zhur. mikrobiol., epid. i immun. 33 no. 2. 126-127 F '62
Isolation of a mixed culture of the Batavine type of leptospira and of the erysipelas pathogen (Erysipelothrix rhusiopathiae) [with summary in English]. IU. G. Chernukha and others. Zhur. mikrobiol., epid. i immun. 33 no. 1 118-121 Ja '62.

LEPTOSPIRA BIFLEXA see subdivision under Tashkent

LEPTOSPIROSIS
(see also subdivision under Uzbekistan)
Epizooty of leptospirosis observed in labeled murine rodents in the lower Kuban Valley [with summary in English]. M. IA. Lavrova, T. S. Lebedeva. Biul. MOIP. Otd. biol. 67 no. 1:7-14 Ja-F '62.
Lesions of the cardiovascular system in leptospirosis [with summary in English]. A. V. Chernousova. Klin. med. no. 3 50-54 '62.
Pathological anatomy of leptospirosis in dogs [with summary in English]. V. T. Danilin. Arkh. pat. no. 3:39-44 '62.

LERMONTOV, MIKHAIL IUR'EVICH, 1814-1841
Kacburin, M. G., and M. A. Shneerson. [Analysis of the language employed by writers; Pushkin, Lermontov, Gogol'] Izuchenie iazyka pisatelei; Pushkin, Lermontov, Gogol'. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 303 p.
Language of "The hero of our time" by M. IU. Lermontov. V. N. Klueva. Rus. iaz. v shkole 23 no. 2:36-40 Mr-Ap '62.
"M. IU. Lermontov; seminars" by V. A. Manuilov and others. Reviewed by N. Liubovich. Vop. lit. 6 no. 2: 204-207 F '62.

LERMONTOV, MIKHAIL IUR'EVICH, 1814-1841—BIBLIOGRAPHY see Bibliography—Lermontov, Mikhail IUr'evich, 1814-1841

LEUCITE
Investigating the process of treating leucite for alumina and caustic potash. A. I. Lainer, M. A. Kolenkova, A. S. Maslennikova. Sbor. nauch. trud. GINTSVETMET no 33 143-151 '60.

LEUCOCYTES
Changes of glycogen in leucocytes as effected by ionizing radiation; histochemical study. IU. B. Kheifets. Vop. radiobiol. [AN Arm. SSR] 1:87-91 '60.
Influence of benzene on the leuko-agglutinating and reticulocytogenic properties of sera [with summary in English]. A. IA. Aroshevskii. Biul. eksp. biol. i med. 52 no. 7:40-44 Jl '61.
Some histochemical changes in leucocytes in an acute radiation sickness. E. A. Pareishvili. Vop. radiobiol. [AN Arm. SSR] 1:69-77 '60.

LEUCOCYTOSIS
Effect of a vegetative ganglionic block on the course of conditioned reflex leucocytosis [with summary in English]. N. I. Krugliak. Zhur. mikrobiol., epid. i immun. 33 no. 2 52-55 F '62.

LEUKEMIA
Aleukemic reticulosis simulating cancer of the duodenum. E. A. Brustilovskii. Zdrav. Kazakh. 22 no 1 71-73 '62
Antileukemic activity of antibiotic 3613 [with summary in English]. A. IA. Krashilina, E. I. Terent'eva, I. I. Zaretskii. Pat. fiziol. i eksp. terap. 6 no 1:59-62 Ja-F '62
Association of chronic lymphoid leukemia with bronchogenic cancer of the lung. R. A. Kaganovich, N. V. Lukash. Vrach. delo no. 6:120-122 Ag '61
Blood protein changes in acute leucoses. E. D. Ponomareva. Vest. AMN SSSR 17 no. 2:82-89 '62
Clinical and diagnostic aspects of osteosclerotic myeloleukosis. T. R. Petrova, S. I. IAgodkin. Probl. gemat. i perel. krovi no 3:12-15 '62.
Clinical aspects and treatment of leukemia in children. G. S. Mukhamedzianova. Med. sestra 21 no 3 22-28 Mr '62
Comparative study of the antigenic properties of human carcinomatous, sarcomatous and leukemic tissues. P. N. Kostakov, V. S. Korosteleva. Biul. eksp. biol. i med. 52 no. 11,95-98 N '61
Controversial problems in the theory of osteo- and myelosclerotic leukemias. S. B. Geiro. Probl. gemat. i perel. krovi no 3 9-11 '62.
Hematological and pathomorphological changes in mice from the highly-leukemic line Afb under the influence of sodium bromide. E. B. Aslamazova. Probl. gemat. i perel. krovi no. 3:44-47 '62.
Leukemia and cysts in mice from the AFB line [with summary in English]. V. A. Parnas. Biul. eksp. biol. i med. 53 no 1 86-92 Ja '62.
Megakaryocytic leukemias and their relation to osteomyelosclerosis. I. Kirov, K. Shubarov, I. Vylkanov. Probl. gemat. i perel. krovi no. 3 15-19 '62.
Mouse hemocytoblastosis-reticulosis virus and its properties [with summary in English]. N. P. Mazurenko. Vop. virus. 7 no 1 11-18 Ja-F '62.
Nature of hemorrhagic thrombocythemias (on the article of I. A. Kassirskii, "Controversial problems in the theory of osteo- and myelosclerotic leukemias." IA. A. Sigidin. Probl. gemat. i perel. krovi no 3 36-38 '62.
Postsplenectomy syndrome in osteomyelosclerosis and myelofibrosis. K. A. Khasanova. Probl. gemat. i perel. krovi no. 3 19-26 '62.
Reply to the discussion on my article, "Controversial problems in the theory of osteo- and myelosclerotic leukemias". I. A. Kassirskii. Probl. gemat. i perel. krovi no 3,38-41 '62.
Treatment of children with acute leukemia [with summary in English]. L. A. Makhonova. Sov. med. 25 no 2 46-51 F '62
Treatment with myelosan of chronic myeloid leukemia [with summary in English]. N. IA. Shvedov. Sov. med. 25 no. 2 11-17 F '62.
Urinary excretion of aminoimidazolecarboxamide in patients with leucosis [with summary in English]. G. IA. Vilenkina, F. E. Fainshtein. Vop. med. khim. 7 no 3 301-305 My-Je '61

LEVADA, O.
"Faust and death", a play by O. Levada. Reviewed by Ihor Solunskyi. Votov. ateist no. 11;49-54 N '61

LEVEL (TOOL)
Photoelectric level. S. Chernyshev, M. Allenbakh. Stroi. i arkhit. 9 no. 11 32 N '61.

LEVEL (TOOL)—TESTING
Investigating Hildebrand's level testing device at the Moscow Observatory. V. V. Podobed, M. P. Khomiakova. Soob. GAISH no 104 68-73 '61.

LEVEL INDICATORS
The RSU-1 follow-up radioisotope level indicator. V. S. Gostishchev, A. D. Kulikov. Biul. tekh.-ekon. inform. no. 2:26-29 '62.

LEVELING
Adjustment of the leveling network in the U. S. S. R. V. P. Kozlov. Izv. vys. ucheb. zav., geod. i aerof. no 6 107-110 '61.
Investigating the accuracy of relief surveys by mathematical model studies of the topographic surface. K. K. Skidanenko. Izv. vys. ucheb. zav., geod. i aerof. no. 5 25-35 '61.
Kavunets, D. N. [Hydrostatic leveling at construction sites] Gidrostaticheskoe nivelirovanie na stroitel'noi ploshchadke. Moskva, Izd-vo geodez. lit-ry, 1961. 66 p.
Results of adjusting the guide lines of the ShS-1000 conveyor at the Saratov Technical Glass Plant by the use of the MN-2 microlevels designed by the Moscow Institute for Engineers in Geodesy, Aerial Photography, and Cartography. A. D. Solov'ev, V. A. Karpenko. Izv. vys. ucheb. zav., geod. i aerof. no 6,47-57 '61.
Some fundamental problems in studying recent vertical motions of the earth's crust. M. I. Sintagina. Geod. i kart. no. 2 11-16 F '62.

LEVIN, OSKAR ANATOL'EVICH, 1896-1951

In memoriam Professor O. A. Levin. P. A. Kupriianov, M. N. Anichkov. Vest. khir. no. 8 113 '61.

LEVIT, VLADIMIR SEMENOVICH, 1893-1961

Vladimir Semenovich Levit. Grud. khir. 3 no. 6 119-120 N-D '61

LEVITAN, ISAAK IL'ICH, 1861-1900

Prorokova, S. A. Levitan. Moskva, Molodaia gvardiia, 1960. 235 p. (Zhizn' zamechatel'nykh liudei. Seriia biografii, no. 20(310))
(CLU)

LEVOMYCETIN

Effect of levomycetin on experimental gas infection caused by associations of micro-organisms [with summary in English]. S. V. Solov'ev, K. I. Matveev. Antibiotiki 6 no. 11 1026-1030 N '61.

Shapiro, S. E., and A. K. Piotrovich. [Antibiotic therapy with levomycetin and synthomycin in typhoid and paratyphoid fever] Antibiotikoterapiia levomitsetinom i sintomitsinom brushnogo tifa i paratifov. Pod red. K. V. Bunina. Moskva, Medgiz, 1962. 103 p.
(DNLM)

Variability of the paratyphoid B and breslau bacilli during the process of their adaptation to levomycetin and streptomycin under various conditions of aeration [with summary in English] E. G. Livkina, O. V. Gorokhova. Antibiotiki 7 no. 4, 305-309 Ap '62

LEVSHIN, LEV L'VOVICH, 1842-1911

Professor Lev L'vovich Levshin (1842-1911), on the 50th anniversary of his death. S. K. Nikitin. Kaz. med. zhur. no. 5, 86-89 S-O '61

LEVYTS'KYI, IVAN, 1837-1918

Kiutikova, N. IE. [Works of I. S. Nechui-Levyts'kyi] Tvorchist' I. S. Nechuia-Levits'koho, statti ta materialy. Kyiv, Vyd-vo Akad. URSR, 1961. 246 p.

LEZGHIANS

Agula, a historical and ethnographic essay. B. A. Kalocv. Trudy Inst. etn. 79 69-109 '62.

Rutul's in the past and present. L. I. Lavrov. Trudy Inst. etn. 79 110-157 '62

LIABILITY (LAW)

General principles of liability according to the "Basic Principles of the Civil Law of the U. S. S. R. and the Union Republics." E. A. Fleishits. Sov. gos. i pravo 32 no. 3:34-43 Mr '62

Liability for failure to carry out assigned obligations concerning the transportation of freight. M. Ordanskii. Sov. iust. no. 24 16-18 D '61

LIABILITY FOR ANIMALS

One hundred and sixty lawsuits concerning "liability for goats." P. Naguchev. Sov. deput. trud. no. 3:75-76 Mr '62.

LIBERTY

La Boetie, Estienne de. [Discourse on voluntary servitude. Translated from the French] Rassuzhdenie o dobrovol'nom rabstve. 2. izd. Perevod i kommentarii F. A. Kogan-Bernshtein. Moskva, Izd-vo Akad. nauk SSSR, 1962. 145 p. (Akademiia nauk SSSR. Literaturnye pamiatniki)

On human freedom. B. Bykhovskii. Nov. vrem. 20 no. 13 6-8 Mr '62.

LIBRARIANS see subdivision under Kumeyka

LIBRARIES
(see also subdivision under Leningrad, Lithuania; Nakhodka)

New materials on the fate of the illegal library of Fedoseev's group. D. V. Gavrilov. Ist. SSSR 6 no. 2 120-124 Mr-Ap '62

LIBRARIES—SPECIAL COLLECTIONS see subdivision under Leningrad

LIBRARIES, MEDICAL see Medical libraries

LIBRARIES, NATIONAL see subdivision under Turkey

LIBRARIES, PRIVATE
(see also subdivision under Leningrad; Moscow)

Booklovers. V. Kasaurova and others. V mire knig 2 no. 2:42-44 F '62.

"V. I. Lenin's library in the Kremlin." Reviewed by N. Smirnov-Sokol'skii. V mire knig 2 no. 3:6-7 Mr '62.

LIBRARIES, SCIENTIFIC see Scientific libraries

LIBRARIES, SPECIAL—CATALOGS see subdivision under Leningrad

LIBRARIES, THEATRICAL see subdivision under Moscow

LIBRARIES AND READERS

The readers of the Library of the Academy of Sciences of the U. S. S. R. V. A. Seleznev. Trudy Bibl. AN SSSR 5 298-308 '61.

LIBRARY ADMINISTRATION
(see also subdivision under Crimea)

The theory of library administration [in German] by H. Kunze. Reviewed by T. I. Skripkina. Trudy Bibl. AN SSSR 5 175-181 '61.

LIBRARY SCHOOLS AND TRAINING

Problems in the preparation and advanced training of library workers in medical libraries. Z. N. Zamkova. Sov. zdrav. 21 no. 2, 50-52 '62.

LIBRARY SCIENCE see subdivision under China

LICHENS
(see also subdivision under Crimea; Donetsk Province; Lapland State Preserve, Yakutia)

Studying some photometric parameters of lichen covers with reference to the hypothesis of the presence of lichens on Mars. I. I. Lebedeva. Uch. kom. po fiz. plan. no. 3, 86-91 '61

LICORICE
(see also subdivision under West Kazakhstan Province)

New method for determining glycyrrhizic acid in licorice root. I. A. Murav'ev., V. D. Ponomarev. Med. prom. 16 16 no. 2 43-46 F '62.

LIE ALGEBRAS

Automorphisms of homogeneous convex cones. E. B. Vinberg. Dokl. AN SSSR 143 no. 2, 265-268 Mr '62

Prime Lie p-algebras. A. I. Kostrikin. Trudy Mat. inst. 64 70-89 '61.

LIEPAJA—FISH, CANNED

Canned fish soup from codfish. S. A. Simson, E. M. Ivanova. Ryb. khoz. 37 no. 10 54-55 '61

LIFE—ORIGIN

Severin, S. E. [Biochemical principles of life] Biokhimicheskie osnovy zhizni. Moskva, Izd-vo "Znanie," 1961. 45 p. (Narodnyi universitet kul'tury. Estestvennonauchnyi fakul'tet, no. 27)

LIFESAVING

Rescue is guaranteed. B. Zubkov, F. Muslin. Znan. sila 37 no. 2 13-15 F '62.

LIGAMENTS—SURGERY

Restoration of the injured ligamentous apparatus of the acromioclavicular articulation by a new method. A. I. Mal'tsev. Vest. khir. no. 3 112-114 '62.

LIGATURE (SURGERY)

Effect of the ligature of the abdominal aorta on blood pressure, respiration, and reflex excitability of the spinal cord [with summary in English] A. B. IAshchenko-Kartseva. Fiziol. zhur. [Ukr.] 7 no. 6, 793-802 N-D '62.

Physiological justification for ligation of the internal mammary arteries in myocardiac ischemic disease [with summary in English] K. N. Murat'ova, S. V. Tolova, L. S. Ullanitskii. Grud. khir. 2 no. 3:24-27 My-Je '60.

LIGHT

Effect of varying light conditions on the accessibility of food organisms to predatory fishes of different ecological groups. I. I. Grisa. Vop. ikht. 2 no. 1 183-191 '62.

Fluctuations of the light field. S. F. Rodionov. Trudy Len. ob-va est. 72 no. 1 150-151 '61.

LIGHT—PHYSIOLOGICAL EFFECT

Change in the bioelectric activity of the brain in infants in response to rhythmic light stimulation [with summary in English] N. S. Mirzoiants. Zhur. vys. nerv. deiat. 11 no. 6 1005-1011 N-D '61

Effect of the physiological condition of fishes on their reaction to light. S. G. Zusser, R. M. Etingen. Ryb. khoz. 37 no. 11 19-21 '61

Electric response of single neurons of the optic lobes to stimulation by light in frogs. L. I. Mkrtycheva. Dokl. AN SSSR 143 no. 4 994-996 Ap '62.

Electroencephalographic study of the reaction of rhythm assimilation during the application of coupled light stimuli [with summary in English] L. G. Makarova. Biul. eksp. biol. i med. 52 no. 11:3-7 N '61

New EFS-01 photostimulator. L. F. Sochivko and others. Med. prom. 16 no. 1:57-59 Ja '62.

LIGHT—SCATTERING

Coherent scattering of light in glass. N. A. Voishvillo. Opt. i spektr. 12 no. 3 412-418 Mr '62.

Effect of fluctuations in concentration and of the stability of a solution on the scattering of light and other phenomena [with summary in English] L. I. Lisnianskii, M. F. Vuks. Vest. LGU 17 no. 4 67-72 '62

Some relations in the theory of light scattering [with summary in English]. V. V. Sobolev. Astron. zhur. 39 no. 2, 229-234 Mr-Ap '62.

LIGHT—TRANSMISSION

Reflection and transmission of light by plane-parallel layers with negative absorption coefficients. B. I. Stepanov. Opt. i spektr. 12 no. 3, 440-443 Mr '62.

LIGHT TRAPS see Insect traps

LIGHTNING PROTECTION

Choice of the minimum permissible stress of material used in the elevated lightning grounding lines of overhead power transmission lines. I. I. Tunkevičius. Elektr. 33 no. 1 85 Ja '62

LIGHTWEIGHT CONCRETE

Effect of the form of grains in certain natural porous fillers on the strength of lightweight concrete. A. R. Giuzhian. Stroi. mat. 8 no. 2, 39 F '62

Let's raise the quality of structural elements! A. Kudriavtsev. Stroi. i arkhit. Mosk. 10 no. 12, 28-29 D '61

LIGNIN

Nikitin, V. M. Lignin. Moskva, Goslesbumizdat, 1961. 314 p.

LIMBS (ANATOMY) see Extremities (Anatomy)

LIME
(see also subdivision under Ukraine)

Intensification of the process of calcining lime with the aid of mineralizers. B. N. Vinogradov. Stroi. mat. 8 no. 2 30-32 F '62

Mechanized lime slaking aggregate. I. Khersonskii. Stroi. i arkhit. 9 no. 11 33 N '61

LIMING OF SOILS

Minevych, S. M. [Liming of acidic soils as a reliable measure for the increase of their fertility] Vapnuvannia kyslykh gruntiv - nadiinyi zakhid pidvyshchennia ikh rodiuchosti. Kyiv, Derzh. vyd-vo sil's'kohospodars'koi lit-ry URSR, 1961. 44 p. (Bibliotechka "Rezervy semyrichki v sil's'komu hospodarstvi")
(DA)

LIMIT THEOREMS (PROBABILITY THEORY)

Asymptotic representations of generating functions and limit theorems in boundary value problems. A. A. Borovkov. Dokl. AN SSSR 143 no. 3, 510-513 Mr '62

Some theorems for branching processes with a few types of elements [with summary in English] A. A. Savin, V. P. Chistiakov. Teor. veroiat. i ee prim. 7 no. 1 95-104 '62

LIMITATION OF ACTIONS

Answering our readers' questions. Sov. iust. no. 24 23 D '61.

LIMITATION OF ARMAMENT see Disarmament

LIMNOLOGICAL RESEARCH see subdivision under Ladoga, Lake

LIMNOLOGY

Biellukas, K. [Principles of limnology] Ezeratyros pagrindai. Vilnius, Lietuvos TSR Mokslu akademijos geologijos ir geografijos institutas, 1961. 357 p. [In Lithuanian]

LIMONITE

Comparing limonite-colored clastic materials with the surface of Mars. V. V. Sharonov. Izv. Kom. po fiz. plan. no. 3:74-75 '61.

LINBERG, BORIS EDMUNDOVICH

Boris Edmundovich Linberg; on the 50th anniversary of his medical, scientific and public activities. A. M. Geselevich. Grud. khir. 3 no. 6 3-5 N-D '61

LINDEN
(see also subdivision under Azerbaijan)

Comparative study of the amino acid composition of the linden flower (Tilia) and of sophora buds (Sophora japonica) [with summary in English] S. I. IAnkov. Vop. pit. 21 no. 2, 39-41 Mr-Ap '62.

LINEAR COMPLEXES see Complexes

LINEAR DIFFERENTIAL EQUATIONS see Differential equations, Linear

LINEAR EQUATIONS

Approximate solution to linear equations in Banach space with a basis, and Galerkin's method. D. F. Kharazov. Trudy mat. inst. AN Gruz. SSR 27, 253-263 '60.

Electric model for solving systems of linear algebraic equations. K. K. Keropian. Izv. vys. ucheb. zav.: elektromekh. 5 no. 2, 136-149 '62.

A method for improving the conditioning of matrices of normal equations. A. P. Tishchenko. Izv. vys. ucheb. zav., geod. i aerof. no. 5, 37-46 '61.

LINEAR PROGRAMMING

Closest analogies of the second polynomial algorithm applied to discrete problems of Chebyshev's ordinary or generalized minimax containing linear parameters [with summary in English] E. IA. Remez. Ukr. mat. zhur. 14 no. 1 40-56 '62

Marginal extremes and the problems of linear programming. A. N. Cherkasov. Mat. v shkole no. 2, 18-22 Mr-Ap '62.

Using mathematical methods in planning operations in the merchant marine. N. E. Ditrieva. Trudy TSNIIMF no. 37, 43-56 '61.

LINGUISTICS, MATHEMATICAL see Mathematical linguistics

LINOLEIC ACID
Complete synthesis of 9,12-octadecadienoic (linoleic) acid A A Kiseveskii and others Zhur ob khim 32 no 3 712-715 Mr '62

LIPASE
Total fat and lipase in the blood of cattle with diseases of the digestive tract with manifestations of atony of the *rumen and following treatment with insulin* A.S Kimash Dop UASHN 3 no 2 51-53 Mr-Ap '60

LIPETSK—BLAST FURNACES
Steel giant and living people Mikhail Zlotnikov Ogonek 10 no.9 9 F '62

LIPETSK—MACHINE-TOOL INDUSTRY
The future is born today! M Klimko Otv na vop trud no.10 3-12 '61

LIPETSK PROVINCE—AGRICULTURE
Practical needs A. Vorotnikov Mol. kommu no 4:11-13 Ap '62.

LIPETSK PROVINCE—INFANTS (NEWBORN)—MORTALITY
Analysis of the death rate among newborn infants from data of maternity homes in the Lipetsk Province in 1960 [with summary in English]. A.P. Mozhaeva. Vop okh. mat. i det. 7 no 1 80-85 Ja '62.

LIPETSK PROVINCE—TEACHING
Educational experience of Lipetsk teachers A. Korlova Nach shkola 30 no 4 25-30 Ap '62

LIPID METABOLISM
Changes in some indications of carbohydrate and lipid metabolism following glucose treatment in arteriosclerosis with symptoms of chronic coronary insufficiency, M. S. Govorova, K. G. Ryzhkova. Vrach. delo no. 2 53-56 F '62.
Effect of general alpha ray therapy (administration into the stomach of radon water) on disordered lipid metabolism in an experiment [with summary in English]. F. L. Leites. Med. rad. no 3:45-53 '62.

LIPIDS
Effect of acute fat loads on blood serum lipoids in clinically normal subjects and in atherosclerosis in elderly and senile patients [with summary in English] V.I Kalmykova. Terap. arkh. 34 no.2 31-38 '62
Iodine number of lipids and heat resistance of the muscle tissue of lake frogs (Rana ridibunda Pall.) inhabiting cold and warm springs V. P. Ushakov, M. A. Glushankova. Dokl AN SSSR 143 no. 2,437-440 Mr '62
Origin of lipid inclusions in somatic cells, electron microscope investigation I B Tokin. Nauch. dokl vys. shkoly, biol nauki no 1 51-53 '62

LIPOPROTEINS
Ability of an artificial lipoprotein complex of chlorophyll to sensitize oxidation-reduction reactions. V.B.Evstigneev, V.A.Gavrilova. Biofizika 6 no.5 563-571 '61.
Content of lipoproteins in the blood serum in coronary atherosclerosis and hypertension. K. R. Sedov Sov med. 25 no 2:30-33 F '62.
Effect of citral on the content of glycoproteins and lipoproteins during the development of experimental atherosclerosis [with summary in English] L S. Tarasova Vop med khim. 7 no.6 588-592 N-D '61.
Staining of blood lipoproteins separated by means of paper electrophoresis [with summary in English]. A G Terzegulov, V. F. Bogoslovenskii Vop med. khim. 7 no 6: 639-642 N-D '61

LIPOTROPIC FACTORS
Heparin in the blood and the clearing factor in atherosclerosis [with summary in English]. B. M. Lipovetskii. Terap. arkh. 34 no. 3:46-52 '62.

LIPS—DISEASES
Diseases of the lips—cheilitis [with summary in English] B. M. Pashkov. Sov med. 25 no. 2:18-23 F '62.

LIQUID FUELS
Equipment for mazut accounting (to be continued). Prom. energ. 17 no. 2,55 F '62.

LIQUID LEVEL INDICATORS
Liquid helium level indicator. R. V. Isaeva Prib. i tekh. eksp 7 no 1 198 Ja-F '62.

LIQUID METALS
Automatic control of liquid cast iron temperature measurements. M. D. Lifshits. Lit. proizv. no. 3:41-42 Mr '62.
Balandin, Iu. F., and V. G. Markov. [Structural materials for power plants with liquid metal heat exchangers] Konstruktsionnye materialy dlia ustanovok s zhidkometallicheskimi teplonositeliami. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1961. 205 p.
Induction pump for liquid nonmagnetic metals. V.I. Dikakov. Lit. proizv. no. 3:46 Mr '62.
Metal filtration V S Kalabushkin, M. V Pikunov Shor. nauch. trud GINTSVETMET no 33 285-288 '60.

LIQUID OXYGEN—STORAGE
Tank for liquid oxygen. K. Vorob'ev. Vest. Vozd. Fl. no 12:82-83 D '61

LIQUIDS
Studying the structure and properties of liquids I I Podgornova. Fiz. v shkole 22 no.1 40-48 Ja-F '62.

LIQUIDS—COMPRESSIBILITY see Compressibility

LIQUOR INDUSTRY
Determining the extent of mechanization in the liquor and vodka industry. V. N Sokolov, L. I Tolmacheva. Spirt. prom. 28 no. 2 30-33 '62.
For further technological progress in the alcohol industry *and the liquor and vodka industry*. A. F. Berenshtein, D. I. Red'ko, P. A. Chatskii. Spirt. prom. 28 no. 2 5-7 '62.

LIQUOR INDUSTRY—EQUIPMENT AND SUPPLIES see subdivision under Leningrad

LISTERELLA
Some properties of a Listeria bacteriophage [with summary in English]. M. K. Shcheglova Zhur. mikrobiol., epid. i immun. 33 no. 1 99-102 Ja '62.

LITERARY LANDMARKS see subdivision under Orel Province

LITERARY RECREATIONS
Zaretskii, A. I. [Materials of an entertaining nature on Russian grammar] Materialy po zanimatel'noi grammatike russkogo iazyka. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 60 p.

LITERATURE
Brief news. Vop. lit. 6 no. 1 248-256 Ja '62.
Pages of notes. Vl. Lidin. Vop. lit. 6 no. 1:169-178 Ja '62.

LITERATURE—BIBLIOGRAPHY see Bibliography—Literature

LITERATURE—HISTORY AND CRITICISM
"Classics of foreign belles-letters" by A. M Gorbunov, A. B. Kemenova, Z. P. Shalashova. Reviewed by I. Shumskii. V mire knig 2 no. 2:41 F '62.

LITERATURE—HISTORY AND CRITICISM—BIBLIOGRAPHY see Bibliography—Literature—History and *criticism*

LITERATURE—PERIODICALS see subdivision under *Italy*

LITERATURE—TRANSLATIONS INTO RUSSIAN
In 26 languages. Sov. Soiuz no. 3:31 '62.

LITERATURE AND COMMUNISM see Communism and literature

LITHIUM—TESTING
Wetting of metallic and refractory materials with molten lithium A I Beliaev, E. A. Zhemchuzhina. Shor. nauch. trud GINTSVETMET no. 33:132-142 '60.

LITHIUM CHLORIDE
Solubility polytherm of the system LiCl - KCl - H_2O. E. K. Akopov. Zhur. neorg. khim 7 no 2:385-389 F '62.

LITHIUM COMPOUNDS
Effect of temperature on the direction of the reaction of fatty acids esters with lithium alkyls. A. D. Petrov, E. P. *Kaplan, M. TSir. Zhur. ob. khim. 32* no. 3:693-696 Mr '62

LITHIUM SELENATE
Thermal decomposition of lithium selenate N. M Selivanova, T. A Sazykina. Zhur. neorg. khim. 7 no. 2, 240-243 F '62

LITHUANIA—BANKS AND BANKING
Frozen millions. S. Movshovich. Fin SSSR 23 no. 3: 63-66 Mr '62.

LITHUANIA—BIBLIOGRAPHY
Lietuvos TSR Mokslu akademija, Vilna. Centrine biblioteka. [Bibliography of books and articles published by the Academy of Sciences of the Lithuanian S.S.R. and its members for 1958] Lietuvos TSR Mokslu Akademijos ir jos darbuotoju knygu ir straipsniu bibliografija 1958. Vilnius, Laikrasciu ir zurnalu leidykla, 1961. 236 p. [In Lithuanian]

LITHUANIA—BOTANY
Lietuvos TSR Mokslu akademija, Vilna, Botanikos institutas. [Flora of the Lithuanian S.S.R.] Lietuvos TSR flora. Redagavo M. Naikevicaite-Ivanauskiene. Vilnius, Valstybine politines ir mokslines literaturos leidykla. [In Lithuanian]
Vol. 3. 1961. 661 p.

LITHUANIA—BUILDING—ESTIMATES
Lithuanian S.S.R. Valstybinis statybos ir architekturos reikalu komitetas. [Collection of unit estimates for construction work in Lithuanian; for construction projects of the second class] Sbornik edinichnykh rastsenok na stroitel'nye raboty po Litovskoi SSR; dlia vtoroi gruppy stroek. Vilnius, TSentr. biuro tekhn. informatsii i propagandy.
Vol. 2. 1961. 580 p.

LITHUANIA—CATHOLIC CHURCH
Kapsukas, V. [Deeds of hypocrites] Veidmainiu darbai. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 227 p. [In Lithuanian]

LITHUANIA—CHESS
Mikenas, V. [Thirty five years at the chessboard] 35 metai prie sachmatu lentos. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 247 p. [In Lithuanian]

LITHUANIA—CIVILIZATION—HISTORY
Lietuvos TSR mokslu akademija. Istorijos institutas. [From the history of Lithuanian civilization] Is Lietuviu kulturos istorijos. Vilnius, Valstybine politines ir mokslines literaturos leidykla. [In Lithuanian]

LITHUANIA—COLLECTIVE FARMS
Pages from the history of a collective farm. Iu Popov. Agitator no. 8:59 Ap '62.
Poskus, Balys. [Lowering costs on collective farms] Sivilkainos mazinimas kolukiuose. Vilnius, Valstybine *politines ir mokslines literaturos leidykla*, 1961. 108 p. [In Lithuanian]
(DA)

LITHUANIA—COMMUNIST PARTY OF THE SOVIET UNION
[Problems concerning the history of the Communist Party of Lithuania] Voprosy istorii Kommunisticheskoi partii Litvy, sbornik statei v pomoshch' izuchaiushchim istoriiu KPSS. Vil'nius, Gos. izd-vo polit. i nauch. lit-ry Litovskoi SSR, 1961. 221 p.

LITHUANIA—COMMUNITY CENTERS
Respublikinis kulturos-svietimo darbo mokslinis-metodinis kabinetas. [In community centers] Kulturos-svietimo istaigose. Vilnius, Valstybine politines ir *mokslines literaturos leidykla, 1961.* 70 p. [In Lithuanian]

LITHUANIA—CONCENTRATION CAMPS
Kondratas, Z. [The Ninth Fort. Translated from the Lithuanian] IX Fort. Vil'nius, Gos. izd-vo polit. i *nauchn lit-ry Litovskoi SSR, 1961.* 64 p.

LITHUANIA—CONSTRUCTION INDUSTRY—FINANCE
Frozen millions. S. Movshovich. Fin. SSSR 23 no. 3: *63-66 Mr '62*

LITHUANIA—COOPERATIVE SOCIETIES
Sapyro, B. [Lithuanian consumers' cooperatives on the road indicated by Lenin] Lietuvos vartotoju kooperacija Lenino keliu. Vilnius, Laikrasciu ir zurnalu *leidykla, 1961.* 34 p. [In Lithuanian]

LITHUANIA—ECONOMIC POLICY
Lietuvos Komunistu partija. Centro Komitetas. [Produce more agricultural products for the socialist motherland; materials of the Ninth Plenum of the Central Committee of the Communist Party of Lithuania] Bol'she sel'skokhoziaistvennykh produktov sotsialisticheskoi Rodine; materialy IX Plenuma TsK KP Litvy. Vilnius, Gazetno-zhurn. izd-vo, 1960. 83 p.
(NNC)

LITHUANIA—ELECTRICITY IN AGRICULTURE
[Electrification of agriculture] Zemes ukio elektrifikavimas. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 541 p. [In Lithuanian]

LITHUANIA—ENSILAGE
Ducinskas, Alfredas. [Production and use of corn ensilage; carrying out the resolutions of the January Plenum of the Central Committee of the CPSU] Kukurzinio siloso gamyba ir panaudojimas; igyvendinant TSKP CK sausio plenumo nutarimus. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 40 p. (Zemes ukio pirmunu patyrimas) [In Lithuanian]
(DA)

LITHUANIA—FISHERY PRODUCTS
New types of fishery products manufactured by the enterprises of the Lithuanian Economic Council S. I. Morozna, V. A. Beloglazova, L. A. Zakharova. Ryb. khoz. 37 no. 10:50-52 '61.

LITHUANIA—GLIDING AND SOARING
Baleiunas, Jonas, Vytautas Dovydaitis, and Bronius Oskinis. [Following the clouds] Debesu kolias. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 190 p. [In Lithuanian]

LITHUANIA—GRAIN
Becius, Kostas, and Kazys Doroskevicius. [Grain] Javai. Vilnius, Valstybine politines ir *mokslines* literaturos leidykla, 1962. 239 p. [In Lithuanian]
(DA)

LITHUANIA—HISTORY
Dirvele, Eugenijus. [Class struggle in Lithuania in 1926] *Klasiu kova Lietuvoje 1926 metais.* Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 193 p. [In Lithuanian]

LITHUANIA – HISTORY (Continued)

Lazutka, S. A. [Revolutionary situation in Lithuania in 1859-1962] Revoliutsionnaia situatsiia v Litve, 1859-1962 gg. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 259 p.

LITHUANIA—HISTORY—SOURCES

Lietuvos TSR Mokslu akademija, Vilna, Istorijos institutas. [Sources of the history of the Lithuanian S.S.R.] Lietuvos TSR istorijos saltiniai. Vilnius, Valstybine politines ir mokslines literaturos leidykla. *[In Lithuanian]*

Vol. 4. [Lithuanian under the bourgeois regime, 1919-1940] Lietuva burzuazijos valdymo metais, 1919-1940. Redaktorius J. Ziugzda. 1961. 881 p.

LITHUANIA—LABOR COURTS

Laurinavichius, Stanislovas, and S. P. Bykov. [They were tried by their friends. Translated from the Lithuanian] Tovarishchi sudiat. Vil'nius, Gos. izd-vo polit. lit-ry Litovskoi SSR, 1961. 29 p.

LITHUANIA—LAND TENURE

Some remarks apropos of N. N. Ulashchik's article. V. K. Litauskin. Ist. SSSR 6 no. 1 234-235 Ja-F '62.

LITHUANIA—LIBRARIES

[Library in the struggle against religious superstitions] Biblioteka kovoje pries religinius prietarus. Kaunas, Lietuvos TSR Valstybine respublikine biblioteka, 1961. 76 p. *(In Lithuanian)*

LITHUANIA—MERCHANT SEAMEN

Nemuas, its people and prospects. S. Chernenko. Rech. transp. 21 no. 2,9-11 F '62.

LITHUANIA—PHYSICAL EDUCATION AND TRAINING

Work of the Research and Methodological Council of the *Lithuanian S.S.R.* V. A. Stanikov. Teor. i prak. fiz. kul't. 25 no. 1 18-23 Ja '62.

LITHUANIA—POLITICS AND GOVERNMENT

Dirvele, Eugenijus. [Class struggle in Lithuania in 1926] Klasiu kova Lietuvoje 1926 metais. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 193 p. [In Lithuanian]

LITHUANIA—POTATOES

Krikscikas, Stasys, and Kostas Beclus. [Early potatoes] Ankstyvuju bulviu auginimas. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 102 p. [In Lithuanian]
(DA)

LITHUANIA—SCHOOL SUPERVISION

Municipal curriculum committees. I. L. Gurdus. Sred. spets. obr. 9 no. 2 19-21 F '62.

LITHUANIA—SCIENCE

Lietuvos TSR Mokslu akademija, Vilna. [Science in Soviet Lithuania] Mokslas Tarybu Lietuvoje. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 334 p. [In Lithuanian with summaries in Russian]

LITHUANIA—STATISTICS

Lithuanian S.S.R. Statistikos valdyba. [Twenty years of Soviet Lithuania, statistical collection] 20 let Sovetskoi Litvy; statisticheskii sbornik. Vil'nius, Gosstatizdat, Litovskoe otd'nie, 1960. 351 p.

LITHUANIA—SWINE

Cepinskis, Jonas. [Swine breeding] Kiauliu auginimas. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 395 p. [In Lithuanian]
(D4)

LITHUANIA—TEXTILE INDUSTRY—HYGIENIC ASPECTS

Ruzgyte, Jadvyga. [Guarding the working people's health; from the experience of the Social Insurance Committee at the Verpstas Factory] Darbo zmoniu sveikatos sargyboje, "Verpsto" fabriko socialinio draudimo komisijos darbo patyrimas. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 53 p. [In Lithuanian]

LITHUANIA—WORLD WAR, 1939-1945

[Campaigns, trenches, attacks; recollections by participants of the Great Patriotic War] Zygiai, apkasai, atakos; didziojo tevynes karo dalyviu prisiminimai. Vilnius, Valstybine grozines literaturos leidykla, 1961. 594 p. [In Lithuanian]

[Hitlerite occupation of Lithuania] Hitlerine okupacija Lietuvoje. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 544 p. [In Lithuanian]

LITHUANIAN LITERATURE—HISTORY AND CRITICISM

Ambrasas, K. [Literary horizons] Literaturos akiraciai. Vilnius, Valstybine grozines literaturos leidykla, 1961. 293 p. [In Lithuanian]

Josaete, J. [Book and reality] Knyga ir tikrove. Vilnius, Valstybine grozines literaturos leidykla, 1961. 203 p. [In Lithuanian]

Lietuvos TSR mokslu akademija. Vilna. Lietuviu kalbos ir literaturos institutas. [History of Lithuanian literature] Lietuviu literaturos istorija. Vilnius, Valstybine politines ir mokslines literaturos leidykla. *[In Lithuanian]*

Vol. 3, Pt. 1. [The era of capitalism, 1917-1940] Kapitalizmo epocha, 1917-1940. Redagavo K. Korsakas. 1961. 640 p.

LITHUANIAN LITERATURE—HISTORY AND CRITICISM—*BIBLIOGRAPHY see* Bibliography—Lithuanian literature—History and criticism

LITHUANIAN PAINTING *see* Painting, Lithuanian

LITHUANIANS *see* subdivision under Kazakhstan

LITTER (BEDDING)

Effectiveness of using peat as fertilizer and litter. I. Teregulov. Ekon. sel'khoz. 33 no. 1 64-67 Ja '62.

LIU, CHIH-CHI, 661-721

"Scholarly and philosophical views of Liu-chi" by Hou Wai-lu. Abstract from "Lishih yenchiu" no. 3 '61 by A. Rubin. Sovr. kit. lit. po obshchestv. naukam no. 45: 139-145 '61.

LIVER

Albumin fractions in blood serum and state of the antitoxic liver function in rabbits following repeated X-irradiation of varying dosage. V. N. Slavnov. Vrach. delo no. 8, 26-30 Ag '61.

Carbohydrate function of the liver [with summary in English]. E. M. Kucherenko. Vrach. delo no. 8: 30-34 Ag '61.

Change in the antitoxic, prothrombin- and bilirubin-producing functions of the liver in chronic myelosis treated with myelosan (myleran). I. Z. Gorelov, B. I. Lipkovich. Terap. arkh. 34 no. 2 68-71 '62.

Characteristics of the action of Orenburg mineral water on the bile secreting function of the liver in an experiment and in the clinic [with summary in English]. S. S. Ozerler. Terap. arkh. 34 no. 3: 87-91 '62.

Disorders of liver function in bronchial asthma. N. V. Gerasimei. Kaz. med. zhur. no. 1: 35-38 Ja-F '62.

Effect of anesthesia on the liver, a survey of Soviet and foreign literature. M. O. Sternin. Vest. khir. no. 8: 120-133 '61.

Effect of antibiotics of the tetracycline group on the catalase activity of the liver [with summary in English]. R. P. Porfir'eva. Biul. eksp. biol. i med. 52 no. 11, 54-57 N '61.

Functional changes in the liver in helminthiasis. Kh. B. Berdyev, N. S. Mezhanskaia. Sbor. rab. po mal. i gel'min. no. 2: 215-218 '59.

Glycogen content of the liver and muscles in rats in relation to time following administration of chlorpropamide and the duration of starvation [with summary in English]. S. G. Genes, L. M. Makarevich-Gal'perin, S. N. Ushenko. Biul. eksp. biol. i med. 52 no. 7: 65-68 Jl '61.

Inclusion of methionine-S^{35} into the liver proteins of rats after the administration of cortisone and during starvation [with summary in English]. V. F. Trifanov. Vop. med. khim. 7 no. 4: 354-358 Jl-Ag '61.

Investigating some transformations of nucleotides from aqueous extracts of the liver and spleen of a rabbit. A. V. Kotel'nikova, V. V. Solomatina. Dokl. AN SSSR *143 no. 2: 452-455 Mr '62.*

Late results of liver function tests in thyrotoxicosis treated with radioactive iodine. N. Kh. Khamidov. Terap. arkh. 34 no. 2 72-76 '62.

Metabolism of 5-bromo-6-hydroxypyrimidine in the liver of rats [with summary in English]. S. S. Debov. Vop. med. khim. 7 no. 4: 401-408 Jl-Ag '61.

Prothrombin-forming function of the liver *in congenital* diseases of the heart [with summary in English]. N. G. Zernov. Grud. khir. 2 no. 3: 3-8 My-Je '60.

Rheogram of the liver in normal and pathological conditions [with summary in English]. A. S. Loginov, Iu. T. Pushkar'. Terap. arkh. 34 no. 3 81-87 '62.

Role of the liver in blood serum iron reactions in experimental inflammation [with summary in English]. A. M. Fedotova. Vop. med. khim. 7 no. 6: 574-578 N-D '61.

Sizes of mononuclear liver cells and the glycogen content in normal and regenerating liver in rats [with summary *in English]. Z. A. Riabinina. Biul. eksp. biol. i med.* 53 no. 2: 101-105 F '62.

State of the carbohydrate function of the liver after resection of different segments of the stomach and gastrectomy in cancer. N. N. Kuznetsov. Khirurgiia no. 3: 44-48 '62.

LIVER—CIRRHOSIS

Case of cirrhosis of the liver in an infant. Sh. Z. Ibraev, F. I. Gzulia. Zdrav. Kazakh. 21 no. 12: 55-57 '61.

Secretion of 17-ketosteroids in chronic hepatitis, cirrhosis of the liver, Botkin's disease. I. G. Danilink. Kaz. med. zhur. no. 1: 28-30 Ja-F '62.

LIVER—DISEASES

Condition of the liver in chronic suppurative diseases of the lungs prior to and following *radical operations* [with summary in English]. A. A. Kochegarov. Grud. khir. 1 no. 5: 75-80 S-O '59.

Cytological characteristics of punctates of the liver in brucellosis. V. A. Guzeeva. Zdrav. Kazakh. 21 no. 12: 20-23 '61.

Laparoscopy in diseases of the liver and biliary tract. A. S. Loginov. Klin. med. no. 3: 20-26 '62.

State of the nervous system in hepatotoxic hepatitis [with summary in French]. E. N. Kutchuk. Zhur. nevr. i psikh. 62 no. 3: 380-383 '62.

Use of cortisone and dehydrocortisone in the treatment of severe hepatitis and liver cirrhosis. A. S. Vlasenkiakti, A. V. Khodykin. Vrach. delo no. 8: 85-91 Ag '61.

Vitamin-P treatment of diseases of the liver and gall bladder. V. I. Garkusha. Med. zhur. Uzb. no. 4: 19-21 Ap '60.

LIVER—GLYCOGENIC FUNCTION

Sizes of mononuclear liver cells and the glycogen content in normal and regenerating liver in rats [with summary in English]. Z. A. Riabinina. Biul. eksp. biol. i med. 53 no. 2: 101-105 F '62.

Some physiological and biochemical characteristics of mice with different natural radioresistivity. N. I. Sisakian and others. Dokl. AN SSSR 143 no. 1: 217-[illegible] '62.

LIVER—HYDATIDS

Rare complication of echinococcus cysticus. K. [illegible] skaia, R. M. Nurmukhamedov. Med. zhur. Uzb. no. 4: 69-70 Ap '60.

LIVER—RADIOGRAPHY

Radiographic detection of the liver's shadow by the location of the stomach, the duodenum, and the lungs. I. A. Mamaliev. Dokl. AN Azerb. SSR 17 no. 8: 717-[illegible]

LIVER—SURGERY

New technic for placing knotted sutures on regional wounds of parenchymatous organs. V. I. Vasilenko. Khirurgiia no. 9: 102-103 '62.

Use of capron tissue in liver resection [with summary in English]. A. F. Oberfeld. Eksp. i klin. khirurg. 6 no. 5: 44-48 S-O '61.

LIVER—TUBERCULOSIS

Cancer of the stomach and tuberculosis of the liver. G. N. Akzhigitov. Khirurgiia no. 3: 103-104 '62.

LIVER—TUMORS

Melanomata of the liver. I. I. Krasovskii, M. S. Matveev. Vrach. delo no. 8: 128-130 Ag '61.

LIVER—WOUNDS AND INJURIES

Surgical treatment of closed injuries of the inferior surface of the liver. V. I. Gudkov. Vest. khir. no. 8: 24 '61.

LIVNY DISTRICT—POLITICS AND GOVERNMENT

District governmental agencies and the factional life. T. Kapustin, I. Korshunov, G. Panfilenko. Sov. [illegible] trud. no. 3: 45-60 Mr '62.

LIZARDS *see* subdivision under Cnucanum

LIZARDS, FOSSIL *see* subdivision under Altai Mountains

LOADING AND UNLOADING

Introducing amendments and supplements to the standard list of occupations for workers engaged in the operation of loading and unloading machines and machinery. Gos. kom. po vop. truda i zar. platy no. 3: 31-32 '62.

Kal'nitskii, IA. B., Kh. I. Abramson, and G. V. Ilenkov. [Underground mechanical loading] Podzemnaia mekhanizirovannaia pogruzka. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 190 p.

Moscow. Vystavka dostizhenii narodnogo khoziaistva SSSR. [Mechanization of loading and unloading operations in transportation; review based on the materials of a thematic exhibition] Mekhanizatsiia pogruzochno-razgruzochnykh rabot na transporte; obzor po materialam tematicheskoi vystavki. Moskva, [Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii] *1962.* 223 p.

Rappoport, M. A., and G. M. Shtofmer. [Using standard facilities in loading and unloading operations; experience of the Sverdlovsk Railroad] Organizatsiia pogruzochno-razgruzochnykh rabot sredstvami stantsii; opyt Sverdlovskoi dorogi. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1962. 33 p.

[Specialized unloading points] Spetsializirovannye punkty vygruzki. [By] V. K. Beshketo i dr. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1962. 78 p.

LOADING AND UNLOADING—BIBLIOGRAPHY *see* Bibliography—Loading and unloading

LOADING AND UNLOADING—TECHNOLOGICAL INNOVATIONS

Russia (1923- U.S.S.R.) Komitet po delam izobretenii i otkrytii. [Collection of inventions; mechanization of loading and unloading operations] Sbornik izobretenii, mekhanizatsiia pogruzochno-razgruzochnykh rabot. Moskva, TSentr. biuro tekhn. informatsiia, 1961. 378 p. (Sborniki otechestvennykh izobretenii)

LOCAL ANESTHESIA

Hemodynamic study in surgical intervention on the kidneys under local anesthesia. I. K. Karaev. Kaz. med. zhur. no. 5, 64-65 S-O '61

Role of a vagosympathetic block in pancreatitis. V. IA. Braitsev. Sov. med. 25 no. 2 57-60 F '62

Some experience in the use of intra-articular anesthesia on the extremities. N. S. Bondarenko. Ortop., travm. i protez. no. 2 66 '62

Use of neuroplegic and ganglion-blocking drugs in radical operations on the lungs under local anesthesia [with summary in English]. O. A. Dolina. Grud. khir. 1 no. 3:69-75 My-Je '59

LOCAL ANESTHESIA—PHYSIOLOGICAL EFFECT

Effect of local anesthetics on respiratory phosphorylation [with summary in English]. M. I. Kuzhman. Vop. med. khim. 7 no. 3 243-245 My-Je '61

LOCAL FINANCE

Financial policy of the prerevolutionary government in its colonies and taxes levied on distant regions. A. I. Bukoveiskii. Ist. SSSR. 6 no. 1 142-156 Ja-F '62.

LOCAL GOVERNMENT
(see also subdivision under Moldavia)

Correlation between content and form in the acts of the local organs of government. G. I. Shatkov. Izv. vys. ucheb. zav., prav. 5 no. 1, 123-127 '62.

How we should select the personnel of the temporary departments of executive committees. M. Zemlianskii. Sov. deput. trud. no. 3, 98-99 Mr '62

LOCAL HISTORY—STUDY AND TEACHING

"How to study the history of different provinces in secondary schools" by N. P. Milonov. Reviewed by A. S. Trofimov, A. Sh. Sapir. Ist. SSSR. 6 no. 2 199 Mr-Ap '62.

LOCAL TRANSIT—ABSTRACTS

[Automotive and city transportation] Ref. zhur. Avt. i gor. transp. nos. 1-3 Ja-Mr '62.

LOCATION OF INDUSTRIES see Industries, Location of

LOCKJAW see Tetanus

LOCKS (HYDRAULIC ENGINEERING)
(see also subdivision under Volga-Don Canal)

Wave action of water and a ship in the chamber of an inclined navigation lock. O. F. Vasil'ev. Izv. AN SSSR, Otd. tekh. nauk. Mekh. i mashinostr. no. 1 167-171 Ja-F '62.

Wave damping in the lower approach channels of navigation locks. V. Balanin. Rech. transp. 21 no. 2, 46-48 F '62.

LOCKS (HYDRAULIC ENGINEERING)—MAINTENANCE AND REPAIR see subdivision under Dnieper Hydroelectric Power Station, Tsimlyansk Hydroelectric Power Station

LOCOMOTIVE SOUNDS

Some measures for reducing the noise of locomotive whistles [with summary in English]. E. V. Bobin. Gig. i san. 26 no. 9 12-18 S '61.

LOCOMOTIVES

Ivshin, P. IA. [Statistics of the locomotive depot; records and accounting] Statistika v lokomotivnom depo; uchet i otchetnost'. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1962. 111 p.

Utilization of locomotives equipped with water heaters for the mixture. L. P. Krukov. Zhel. dor. transp. no. 3:87 Mr '62.

LOCOMOTIVES—VIBRATION

Methods of studying and calculating the vibrations of locomotives. P. S. Shtepa. Shor. trud. BITM no. 20: 43-54 '61.

LOCUST (TREE) see subdivision under Kuma Valley; Terek Valley

LOESS
(see also subdivision under Alma-Ata Province)

Loess and soil formation. I. P. Gerasimov. Izv. AN SSSR. Ser. geog. no. 2:3-7 Mr-Ap '62.

LOGARITHMS

Ginkin, G. G. [Logarithms, decibels, and decilogs] Logarifmy, detsibely, detrilogi. Moskva, Gos. energ. izd-vo, 1962. 351 p.

LOGGING (GEOLOGY)

Practice of using the AKS-L-51 automatic logging station in connection with coal deposits. V. V. Popov. Geofiz. razved. no. 5:104-112 '61.

LOGGING ROADS see Forest roads

LOGIC

Relationship between logic and pedagogy. V. G. Farber. Dokl. APN 5 no. 6:31-36 '61

LOGIC, SYMBOLIC AND MATHEMATICAL

Algorism for the solution of a system of logical equations. IU. G. Grigorian. Zhur. vych. mat. i mat. fiz. 2 no. 1: 188-189 Ja-F '62.

Characteristic of finite-axiomatized classes of models. A. D. Taimanov. Sib. mat. zhur. 2 no. 5, 759-768 S-O '61

LOKHVITSA—DISTILLATION APPARATUS

Determining the coefficient of heat transfer from the wall to the boiling molasses waste. S. M. Konstantinov. Spirt. prom. 28 no. 2 37-40 '62.

LOMONOSOV, MIKHAIL VASIL'EVICH, 1711-1765

The activities of M. V. Lomonosov as architect and builder. S. Kilesso. Stroi. i arkhit. 9 no. 11 36-37 N '61

Dialectics of literary succession. D. Blagoi. Vop. lit. 6 no. 2:94-112 F '62

Great scientist and atheist. D. Ostrianyn. Voiov. ateist no. 11:8-11 N '61

Jubilee session devoted to the 250th anniversary of M. V. Lomonosov's birth. Vest. AN Kazakh. SSR 17 no. 12 103 D '61

Kuliabko, E. S. [M. V. Lomonosov and the educational activity of the Peterburg Academy of Sciences] M. V. Lomonosov i uchebnala deiatel'nost' Peterburgskoi Akademii nauk. Moskva, Izd-vo Akad. nauk SSSR, 1962. 214 p.

Lietuvos TSR mokslu akademija, Vilna. Gamtos mokslu ir technikos istorijos komisija. [M. V. Lomonosov] M. Lomonosovas. Redagavo P. Slavenas. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 81 p. [In Lithuanian]

Lomonosov and soil research. S. A. Aliev. Izv. AN Azerb. SSR Ser. biol. i med. nauk no. 11:79-81 '61.

M. V. Lomonosov and folk poetry. P. D. Pavlii. Nar. tvorch. ta etn. 5 no. 4 35-44 O-D '61.

M. V. Lomonosov - father of Russian chemistry; on the 250th anniversary of his birth. Kh. U. Usmanov. Uzb. khim. zhur. 6 no. 1:7-10 '62.

M. V. Lomonosov, founder of Russian science. K. I. Satpaev. Izv. AN Kazakh. SSR. Ser. geol. no. 1 XXVII-XXXVII '61.

M. V. Lomonosov, founder of the law of conservation (on the 250th anniversary of his birth). K. P. Mishchenko. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 6 882-888 '61.

M. V. Lomonosov and the development of Russian science, on the 250th anniversary of his birth. S. R. Sergienko. Izv. AN Turk. SSR Ser. fiz.-tekh., khim. i geol. nauk no. 6 13-28 '61

M. V. Lomonosov and the development of the study of ore formation. I. I. Bok. Izv. AN Kazakh. SSR. Ser. geol. no. 4 XXXVIII-XLIV '61

M. V. Lomonosov's great contribution to the study of ore deposits. E. E. Zakharov. Izv. vys. ucheb. zav.; geol. i razv. 5 no. 2 3-8 F '62

M. V. Lomonosov's scientific contribution to botany; on the 250th anniversary of his birth. M. A. Liubyns'kyi. Ukr. bot. zhur. 18 no. 6 102-110 '61.

Publication of M. V. Lomonosov's historical works and their dissemination among the contemporary public. D. V. Tiulichev. Ist. SSSR. 6 no. 1 159-161 Ja-F '62.

Zapadov, A. V. [Father of Russian poetry; on the works of Lomonosov] Otets russkoi poezii; o tvorchestve Lomonosova. Moskva, Sovetskii pisatel', 1961. 280 p.

LOMONOSOV—DESCRIPTION

Gurevich, I. M., and A. A. Plaksin. [The city of Lomonosov] Gorod Lomonosov. [Leningrad] Lenizdat, 1961. 133 p.

LOMONOSOV—HISTORY

Gurevich, I. M., and A. A. Plaksin. [The city of Lomonosov] Gorod Lomonosov. [Leningrad] Lenizdat, 1961. 133 p.

LONDON—RAILROADS—SIGNALING

Centralized traffic control of public transportation in London. B. A. Gol'dentul, IU. A. Noskov. Avtom., telem. i sviaz' 6 no. 1 44-45 Ja '62.

LONGEVITY
(see also subdivision under Siberia, Eastern)

Comments on the importance of social conditions in the problem of longevity. A. N. Sverchkov. Sov. zdrav. 21 no. 3:47-48 '62.

LOOMS

Damaskin, B. I., and IU. P. Sidorov. [Standardization and modernization of weft control mechanisms] Normalizatsiia i modernizatsiia mekhanizmov kontrolia utochnoi nitl. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1961. 108 p.

Equalization of loads on the lay sword pins of looms. S. M. Razdol'skii. Tekst. prom. 22 no. 2:38-44 F '62.

For a maximum utilization of production capacities; valuable initiative of K. A. Shcherbakov, assistant foreman. D. A. Shvartsman. Tekst. prom. 22 no. 3:32-35 Mr '62.

Kinematics and dynamics of the torsional picking mechanism of looms. B. K. Kucherov, U. A. Dzholdasbekov. Izv. vys. ucheb. zav., tekh. tekst. prom. no. 1. 143-150 '62.

LOOMS—MAINTENANCE AND REPAIR

From practices of efficiency promoters. V. I. Shidlovskii. Tekst. prom. 22 no. 3:62-63 Mr '62.

LOUISIANA—PETROLEUM GEOLOGY

Growth of salt domes in southern Louisiana and its effect on the oil accumulation. M. V. Gorfunkel'. Trudy VNIGRI no. 186 280-285 '61

LOVOZERO TUNDRAS—POTASSIUM

Relationship between potassium and rubidium in the evolution process of lime-alkaline and alkaline igneous magmas [with summary in English]. V. P. Volkov, E. N. Savinova. Geokhimiia no. 12 1099-1107 '61

LOVOZERO TUNDRAS—RARE EARTH METALS

Rare earth elements in the eudialyte complex of the Lovozero alkaline massif [with summary in English]. IU. A. Balashov, N. V. Turganskaia. Geokhimiia no. 12, 1087-1098 '61

LOVOZERO TUNDRAS—RUBIDIUM

Relationship between potassium and rubidium in the evolution process of lime-alkaline and alkaline igneous magmas [with summary in English]. V. P. Volkov, E. N. Savinova. Geokhimiia no. 12 1099-1107 '61

LOW-TEMPERATURE METALS see Metals at low temperatures

LOW TEMPERATURE RESEARCH
(see also subdivision under Kiev)

Analysis of a regenerative gas refrigeration cycle. I. V. Marfenina, E. I. Mikulin. Khim. mash. no. 2 7-13 Mr-Ap '62.

LU, YU, 1125-1210

"Patriotic ideas of Lu Yu by Yü Ch'ao-kang. Abstract from "Wuhang tahsüeh jenwen k'ohsüeh hsüehpao" no. 1 '59 by T. N. Kholmovskaia. Sovr. kit. lit. po obshchestv. naukam no. 45:166-170 '61.

LUBRICATION AND LUBRICANTS

Kragel'skii, I. V. [Friction and wear] Trenie i iznos. Moskva, Mashgiz, 1962. 382 p.

Luminescent analysis of lubricating oils. M. D. Khalupovskii. Zav. lab. 28 no. 2 206-207 '62.

Machine for lubricating tin plate. Ryb. khoz. 37 no. 10: 89-90 '61

LUBRICATION AND LUBRICANTS—ADDITIVES

Kuliev, A. M. [Additives to lubricating oils] Prisadki k smazochnym maslam. Baku, Azerbaidzhanskoe gos. izd-vo neft. i nauchno-tekhn. lit-ry, 1960. 321 p. [MICROFILM]

LUBRICATION AND LUBRICANTS—TESTING

If the brand of oil is unknown. M. Marketov. Starsh.-serzh. no. 12:30 D '61.

LUGANSK—RETAIL TRADE

Future is born today. S. Tokmakov. Sov. torg. 35 no. 3 44-45 Mr '62

LUGANSK PROVINCE—SCHOOL SUPERVISION

Schools of progressive pedagogical experience. O. I. Mozhaev. Rad. shk. 40 no. 3 41-46 Mr '62

LUKCHUN, CHINA—METEOROLOGICAL STATIONS

Letter from the Russian Geographical Society to the ruler of Lukchun. M. A. Salakhetdinova. Strany i nar. Vost. no. 2:169-171 '61.

LUKIN, NIKOLAI MIKHAILOVICH, 1885-1940

"Selected works" by N. M. Lukin. Reviewed by V. V. Al'tman. Vop. ist. no. 4:149-153 Ap '62.

LUMBER—DRYING

Automatic regulator for a heat and moisture treatment system. V. Buznitskii. Stroi. i arkhit. 9 no. 11 31 N '61.

Krechetov, I. V. [Use of flue gases for wood drying] Sushka drevesiny topochnymi gazami. Moskva, Goslesbumizdat, 1961. 269 p.

LUMBER—TRANSPORTATION
(see also subdivision under Kama Valley; Volga Valley)

Lakhno, V. P., and R. P. Lakhno. [Log truck trains] Avtomobil'nye lesovoznye poezda. Moskva, Goslesbumizdat, 1961. 175 p.
(DA)

LUMBERING
(see also subdivision under Murmansk Province)

Optimal width logging units and the density of road networks in forests. M. M. Korunov. Les. khoz. 15 no. 2: 25-28 F '62.

Slutskin, G. G. [Brief manual on lumbering] Kratkii spravochnik po lesozagotovkam. Moskva, Goslesbumizdat, 1961. 328 p.

LUMBERING—ACCIDENTS

Industrial injuries in plants of the "Pudozhles" Trust of the Karelian Council of the National Economy [with summary in English]. A. S. Bondarchuk. Vest. khir. no. 8:76-79 '61.

LUMBERING—FINANCE see subdivision under Dobryanka District

LUMBERING—MACHINERY

Effect of the cableway skidding of timber on the preservation of young growth A A Gaas Les khoz 15 no 1 29-32 Ja '62

Prokof'ev, N M., and Sh I Butikasvili. [Overall mechanization of the lumbering section, experience of the Leningrad Lumbering and Woodworking Combine named after Kalinin] Kompleksnaia mekhanizatsiia lesopil'nogo tsekha, opyt raboty LLDK im Kalinina. Leningrad, 1961. 23 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom Seriia Derevoobrabatyvaiushchaia promyshlennost, no 9)

LUMBERING—PERIODICALS

In the same rank. V Kliuev. Les khoz 15 no 2 92-94 F '62

LUMBERING—STANDARDS

Eliminate the deficiencies of the new standards M F Petrov Les khoz 15 no 3 90-91 Mr '62

LUMINESCENCE

Luminescence methods of studying wells. D A.Gasanov, A V Uakakov. Azerb.neft.khoz 40 no 10 9-12 O '61.

Luminescence microscope study of tissue cultures in the initial stages of the interaction with the Sendai virus [with summary in English]. A.G Bukrinskaia, F I Ershov, V M Zhdanov Vop virus. 7 no 1 18-22 Ja-F '62.

Luminescent analysis of lubricating oils. M D Khalupovskii Zav lab 28 no 2 206-207 '62

Universal interrelation between absorption and luminescence spectra and the luminescence yield M.N. Alentsev. Opt.i spektr. 12 no.3 439-440 Mr '62.

LUMINISCENT SUBSTANCES

Stationary luminescence of ZnS phosphors. Part 2. Electroluminescence and infrared quenching. K.-S.K. Rebane. Opt.i spektr. 12 no.3 396-399 Mr '62.

LUNAR PROBES

On the way to the moon. V. Bazykin, V. Lutskii. Av.i kosm 44 no 3 19-24 '62.

LUNGS

Diagnostic significance of pulmocapillary pressure in mitral stenosis [with summary in English] V. I. Vasil'ev Grud. khir 1 no 3 8-13 My-Je '59.

Effect of pure oxygen respiration on the lungs and heart of white rats [with summary in English] I. S Balakhovskii, A. R Mansurov, V I IAzdovskii Biul eksp biol i med 53 no 2 43-47 F '62

Pulmonary changes in congenital heart defects [with summary in English] D. S. Sarkisov, L. D. Krymskii Grud khir 3 no 6:17-26 N-D '61

LUNGS—ABNORMITIES AND DEFORMITIES

Tracheal bronchus and a supernumerary pulmonary lobe [with summary in English]. V S Gamov Grud khir. 2 no.3:82-86 My-Je '60.

X-ray diagnosis of pulmonary agenesis. I. B Babicheva Vest rent i rad. 37 no.1:53-55 Ja-F '62

LUNGS—ABSCESS

X-ray examination in abscesses of the lungs [with summary in English]. G. L Vol'-Epstein. Grud khir. 2 no. 1:77-82 Ja-F '60.

LUNGS—CANCER

Association of chronic lymphoid leukemia with bronchogenic cancer of the lung. R. A Kaganovich, N. V Lukash. Vrach. delo no. 8 120-122 Ag '61.

Clinical aspects of so-called primary spheroidal cancer of the lungs [with summary in English]. V. A. Shanina. Grud khir 3 no 6,69-72 N-D '61

Differential diagnosis of chronic indurative pneumonia and bronchogenic lung cancer A. V. Grigorian, V. G. TSuman, G. L. Vol'-Epshtein Grud khir 3 no 6: 72-76 N-D '61

Electrokymographic study of the changes in the pulmonary circulation in lung cancer [with summary in English] S. IA. Marmorshtein. Vest. rent. i rad 37 no 1:10-16 Ja-F '62

Experimental production of lung cancer in rats by the intratracheal administration of 9, 10-dimethyl-1, 2-benzathracene [with summary in English]. L. N. Pylev Biul eksp biol. i med. 52 no 11,98-102 N '61

Malignization of congenital cysts of the lungs and the mediastitinum [with summary in English]. V. S. Gamov, A. I. Zikeeva. Grud. khir 2 no. 1:105-108 Ja-F '60.

Metastases of lung cancer into the lymph nodes of the thoracic cavity [with summary in English]. M. A. Gladkova, A. D. Soboleva, A. I. Pirogov. Grud khir. 1 no. 5: 59-65 S-O '59.

Significance of collateral ventilation in lung cancer. L. S. Rozenshtraukh. Grud khir 3 no. 6:94-100 N-D '61.

Some aspects of the pathogenesis of primary cancer of the lungs [with summary in English]. A. V. Grigorian, V. S. Zhdanov, A. A. Chumakov. Grud. khir. 2 no. 3. 32-36 My-Je '60.

LUNGS—CIRCULATION see Pulmonary circulation

LUNGS—COLLAPSE

Atelectasis of the lower lobe of the left lung after mitral commissurotomy [with summary in English]. A. S Domrachev. Vest. khir no. 3 14-19 '62.

Extraperiosteal pneumolysis with lucite balls in the surgical treatment of pulmonary tuberculosis [with summary in English] N V Antelava, T G. Gogotishvili Grud khir 1 no 4 50-56 Jl-Ag '59

Some characteristics of angiographic technique and the catheterization of blood vessels in a collapsed lung [with summary in English] V. M. Sergeev, L I. Klioner Eksp khir. i anest. 6 no 5 33-39 S-O '61

Value of selective angiography of a collapsed lung in chronic empyema [with summary in English]. N. I Gerasimenko, L. I. Klioner, IU V. Evteev. Grud khir 2 no. 3:55-59 My-Je '60.

LUNGS—DISEASES

Case of a pulmonary pseudotumor. N A Kolsanov, T. G. Gritskikh. Grud khir. 2 no 3:105-106 My-Je '60.

Changes in the lungs following bronchography [with summary in English] V S Zhdanov Grud khir 1 no 4 62-66 Jl-Ag '59

"Chronic nonspecific lung diseases in children and their climatological treatment" by E. M. Tret'iakova, N. V Kobysheva. Reviewed by O. D. Sokolova-Ponomareva. Vop. okh. mat. i det. 7 no. 2 95 F '62

Condition of the liver in chronic suppurative diseases of the lungs prior to and following radical operations [with summary in English]. A. A. Kochegarov Grud. khir. 1 no. 5:75-80 S-O '59.

Functional disturbance of external respiration in patients with bilateral lesions of the lungs [with summary in English]. Z. I. Levina, G. L Rubanovich. Grud khir. 2 no. 3:87-73 My-Je '60.

Functional state of the thyroid gland in silicosis. G Kh Lazidi, T L Gubenko Gig truda i prof zab 4 no. 12 42-43 D '60.

Main aspects of the course and treatment of chronic suppurations of the lungs. V. I. Strutchkov. Grud khir. 2 no. 1:64-67 Ja-F '60.

Oxyhemometric studies of chronic nonspecific lung diseases. V. A. Dudova. Kaz. med. zhur. no. 1 73 Ja-F '62.

Pulmonary complications following mitral commissurotomy [with summary in English]. I. A. Komarov Grud. khir. 2 no. 3:15-19 My-Je '60

Some characteristics of the course of a chronic suppuration in a hypoplastic lung [with summary in English]. M. G. Shcheglov. Grud. khir. 1 no. 5:70-75 S-O '59.

State of the capillaries and capillary circulation in chronic nonspecific pulmonary diseases A. V Goriacheva. Zdrav Kazakh. 22 no 1 21-25 '62.

Study of protein fractions in chronic suppurations of the lungs [with summary in English]. R. S. Kolesnikova. Grud. khir. 2 no. 1:82-85 Ja-F '60.

Vectorcardiographic studies of chronic nonspecific lung diseases N. A. Ivanova. Terap. arkh. 34 no. 3 104-110 '62.

LUNGS—DUST DISEASES
(see also subdivision under Bulgaria, Kuznetsk Basin, Ukraine)

Are intoxications characteristics of siderosilicosis? A. P Karapata. Terap. arkh. 34 no. 2 57-60 '62.

Asbestosis [with summary in English]. P. P. Dvizhkov. Arkh. pat. no. 3, 3-13 '62.

Changes in the lungs of white rats following intratracheal introduction of coal and peat dust [with summary in English]. M. A Krapotkina. Gig. truda i prof. zab. 4 no. 11 39-43 N '60.

Combined effect of quartz dust and radon in an experiment [with summary in English] V S. Kushneva Gig truda i prof zab. 4 no 1:22-26 Ja '60

Comparative data on the silicogenic influence of different preparations of quartz (Experimental study) [with summary in English]. M I. Razumov, B. K. Shkiko, A. IU. Grubina. Arkh. pat. no. 3:13-20 '62.

Determining the danger of silicosis from fine dispersed rocks. B. M. Mikhailov. Inform. sbor. VSEGEI no. 16: 143-140 '59.

Effect of cobalt dust [with summary in English]. T. A. Kochetkova. Gig. truda i prof. zab. 4 no. 11:34-38 N '60.

Fibrinogenous effect of mixed dusts [with summary in English] I S. Ostrovskaia Gig. truda i prof. zab 4 no. 1:19-21 Ja '60

Methods for preventing silicosis among workers employed in quarries, pits, and mines. A. Prokat. Gig. i san. 26 no. 9:70-75 S '61.

Problem of pneumoconiosis; review of the work of the out-of-town session of the Academy of Medical Sciences of the U S.S.R. and the Republic Commission on Silicosis Control of the Academy of Sciences of the Ukrainian S.S.R. E.V. Khukhrina. Gig. i san. 26 no. 9:92-99 S '61.

Silicosis hazards at the Kvaisinsky and Skaiy-Komsky deposits. K. E. Ketiladze, G A. Machabeli. Gig. truda i prof. zab 4 no. 11:53-54 N '60.

So-called silicoarthritis. A. P. Karapata. Terap. arkh. 34 no. 2, 112-113 '62.

X-ray examination of pulmonary siderosis in workers engaged in the production of red ochre. L. B Naumov Gig truda i prof zab. 4 no 11 54-57 N '60.

LUNGS—FOREIGN BODIES

Case of a wooden foreign body in the lung. A. I Pirogov Grud. khir. 2 no. 1:108-111 Ja-F '60.

LUNGS—HYDATIDS

Pulmonary echinococcus and its surgical treatment [with summary in English] R. P. Askerkhanov. Grud. khir 1 no 5 51-56 S-O '59.

LUNGS—MICROBIOLOGY

Results of a bacteriological study of resected cavities of tuberculous disintegration [with summary in English] V. A. Fradkin Vrach delo no. 8:91-94 Ag '61.

LUNGS—RADIOGRAPHY

Importance of X-ray examination of the lungs following influenza in children I. M Medzievich Med zhur Uzb. no. 1 44-46 Ja '62

Some methodological and technical aspects of angiopneumography [with summary in English] V. G. TSuman. Grud. khir. 2 no. 3:50-62 My-Je '60.

Tomographic image of the normal radix pulmonis in children. M. Kh. Levin. Zdrav. Bel. 6 no. 1 30-33 Ja '62.

Value of selective angiography of a collapsed lung in chronic empyema [with summary in English]. N I Gerasimenko, L. I. Klioner, IU. V. Evteev. Grud khir 2 no. 3:55-59 My-Je '60.

X-ray examination in abscesses of the lungs [with summary in English]. G. L Vol'-Epstein Grud khir. 2 no. 1:77-82 Ja-F '60.

X-ray examination of pulmonary siderosis in workers engaged in the production of red ochre. L. B. Naumov. Gig truda i prof. zab. 4 no. 11,54-57 N '60.

LUNGS—SURGERY

Anatomic and functional changes in the gastrointestinal tract following total or partial resection of the lung; experimental study. N. S. Smolianinova, S. I. Itkin Grud. khir. 2 no. 3:73-74 My-Je '60.

Basic variants of the veins in the superior lobe of the right lung and some problems in segmental resections of the lung in connection with disorders of the venous outflow [with summary in English] I S. Kolesnikov, S. N. Sokolov, N. I. Mezhevikin. Grud. khir. 3 no 6. 62-69 N-D '61

Changes in the bronchial stump and pleural cavity following pneumonectomy and lobectomy [with summary in English]. A. V. Grigorian and others. Grud khir. 1 no. 3:62-68 My-Je '59

Characteristics of repeated operations in chronic purulent diseases of the lungs and pleura [with summary in English]. E. S. Lushnikov, A. I. Pirogov. Grud. khir. 2 no. 3:43-46 My-Je '60.

Clinical roentgenological observations of dynamical changes in gastric activity prior to and following pneumonectomy [with summary in English]. V. I Strutchkov P. N. Demidkin Grud. khir 1 no 4 53-62 Jl-Ag '59

Comparative evaluation of the mechanical suture of the bronchial stump by means of UKB-25 and UKL-60 apparatus in experimental pneumonectomy [with summary in English]. F. A. Malafeev. Grud khir. 2 no 1 49-52 My-Je '60.

Diagnosis and treatment of empyema and bronchial fistula following pulmonary resection M. V. Khalodov. Grud khir 3 no. 6:86-90 N-D '61

Effect of lowering atmospheric pressure on the cardiac activity in animals during the late periods following lung excision [with summary in English]. I. P. Cherkasskii Biul eksp. biol. i med. 53 no. 2:36-39 F '62.

Etiology of post-operative empyema following lung resection in tuberculosis [with summary in English] R. M. Rozenfel'd. Grud. khir. 2 no. 3:75-78 My-Je '60

Experimental physiological investigation of some problems in lung resection [with summary in English]. N. S. Pylypchuk. Fiziol. zhur. [Ukr.] 7 no 6:815-823 N D '61.

External respiratory function in the electrokymographic picture following pneumonectomy [with summary in English]. E. E. Abarbanel'. Vest. rent i rad. 37 no 1, 3 10 Ja-F '62.

Lung resection performed in a district hospital [with summary in English]. A. O. Likhtenshtein. Grud. khir 1 no. 5:52-54 S-O '59.

Method of temporary occlusion of the pulmonary artery [with summary in English]. D. A. Natradze. Eksp. khir. i anest. 6 no. 5:39-41 S-O '61.

Obstruction of the left lung bronchus by a polyp during right pneumonectomy. E. M. Borovyi, V. M. Vel'iaki Grud. khir. 1 no. 5:110-112 S-O '59.

Operative technique in extrapleural pneumolysis [with summary in English]. N. A. Vasil'ev. Grud. khir. 1 no. 3:116-117 My-Je '59.

Resection of 13 1/2 pulmonary segments in one operation for bilateral bronchiectasis. A. P. Kolesov, Sh A. Gadzhiev. Grud. khir. 2 no. 3:47-48 My-Je '60.

Surgical treatment of pulmonary hemorrhages of non-tuberculous etiology. IU. M. Gerusov. Grud khir. 3 no. 6:114-117 N-D '61.

LUNGS – SURGERY (Continued)

Treatment of postoperative empyema of the pleura following pneumonectomy and partial resection of the lungs [with summary in English]. I. S. Kolesnikov, S. N. Sokolov. Grud. khir. 2 no. 1:67-72 Ja-F '60.

Use of neuroplegic and ganglion-blocking drugs in radical operations on the lungs under local anesthesia [with summary in English]. O. A. Dolina. Grud. khir. 1 no. 3:69-75 My-Je '59.

Use of the UKL-60 apparatus in pulmonary resections in tuberculosis. S. B. Sokolov. Grud. khir. 4 no. 6:91-94 N-D '61.

LUNGS—TUMORS

Benign tumors of the lungs [with summary in English]. L. I. Neimark. Grud. khir. 2 no. 3:37-43 My-Je '60.

Isolated adenomatosis of the middle lobe of the lung [with summary in English]. A. I. Shekhter, I. P. Solov'eva. Vest. rent. i rad. 37 no. 1:30-33 Ja-F '62.

Pulmonary adenomatosis. A. IU. Rudnitskaia. Vrach. delo no. 2:135-138 F '62.

Pulmonary plasmocytoma [with summary in English]. N. K. Shchukareva. Grud. khir. 1 no. 4:91-94 Jl-Ag '59.

LUORAVETLANI see Chukchi

LUPINE

(see also subdivision under White Russia)

Composition and content of free amino acids in alkaloidal and nonalkaloidal blue lupine (Lupinus angustifolius L.). A. V. Mironenko, G. I. Spiridonova. Biul. Inst. biol. AN BSSR no. 6:184-191 '61.

LUPUS ERYTHEMATOSUS

Articular syndrome in systemic lupus erythematosus [with summary in English]. L. I. Nesgovorova. Terap. arkh. 34 no. 3:91-93 '62.

Corticosteroid hormones in the treatment of lupus erythematosus. T. A. Gluvinskaia. Kaz. med. zhur. no. 1:51-54 Ja-F '62.

LUTERS, JANIS, 1863-1939

Luters, A., comp. [Janis Luters-Bobis (pages from the life of a revolutionary underground worker), collected articles] Janis Luters-Bobis (Lapuses no revolucionara pagrīdnieka dzives), rakstu krajums. Riga, Latvijas Valsts Izdevnieciba, 1960. 323 p. [In Latvian]

L'VOV, MIKHAIL

"Courage"; verse by Mikhail L'vov. Reviewed by N. Vinogradova. Sov. Ukr. 12 no. 1:183-184 Ja '62.

LVOV—ADULT EDUCATION

Source of knowledge. Z. Golovachova. Sots. kul't. no. 2:10-11 F '62.

LVOV—CITY PLANNING

Sponsoring work of the architects of Lvov. S. Sokolov. Stroi. i arkhit. 9 no. 11:24-25 N '61.

LVOV—COMMUNITY CENTERS

Source of knowledge. Z. Golovachova. Sots. kul't. no. 2:10-11 F '62.

LVOV—DRUG INDUSTRY

From a brigade to a factory of communist labor. N. V. Delektorskii, M. F. Naumenko. Med. prom. 15 no. 6:3-6 Je '61.

LVOV—NOISE

Sanitary-hygienic evaluation of the location of schools in the city of Lvov, taking urban noise into account. Kh. V. Staroshchuk. Vrach. delo no. 2:117-120 F '62.

LVOV—SCHOOL HYGIENE

Sanitary-hygienic evaluation of the location of schools in the city of Lvov, taking urban noise into account. Kh. V. Staroshchuk. Vrach. delo no. 2:117-120 F '62.

LVOV—STUDENT ACTIVITIES

Student headquarters. V. Shostakovskii. Komsom. zhizn' no. 4:29 F '62.

LVOV ECONOMIC REGION—INDUSTRIES

Structural movements and industrial relations in the industries of the Lvov Economic Administrative Region. M. Shrah. Ekon. Rad. Ukr. no. 1:74-78 Ja-F '62.

LVOV PROVINCE—ANTIRELIGIOUS MUSEUMS

Indefatigable romantic. V. Sutarko. Volov. ateist. no. 11:25-27 N '61.

LVOV PROVINCE—GEOGRAPHY

Kovalova'ka, T. M. [Lvov Province; geographical study] L'vivs'ka oblast', geograficheny narys. Kyiv, Derzh. uchbovo-pedagog. vyd-vo "Radians'ka shkola," 1961. 122 p. (Oblasti Ukrains'koi RSR)

LVOV PROVINCE—MOTION-PICTURE PROJECTION

We work in a new way. T. Bezushko. Sots. kul't. no. 2:45 F '62.

LVOV PROVINCE—THEATER

[Amateur theaters in Lvov Province] Narodni teatry na L'vivshchyni. L'viv, [L'vivs'ke knyzhkovo-zhurnal'ne vyd-vo] 1960. 40 p. (Dekada ukrains'koi literatury ta mystetstva)
(MII)

LVOV PROVINCE—WATER—ANALYSIS

Trace elements in potable water of Lvov Province and endemic goiter. E. P. Novikova. Gig. i san. 26 no. 9:80-82 S '61.

LVOV REGION—MOSQUITOES

Morphology of the fat body in autogenous female mosquitoes Anopheles bifurcatus at various stages of ontogenesis [with summary in English]. O. I. Solodovnikova, O. K. Gordinskii. Zool. zhur. 41 no. 3:391-396 Mr '62.

LYMPH

Changes in the lymph circulation following high local doses of ionizing radiation [with summary in English]. V. M. Mastrukova. Med. rad. 5 no. 1:23-28 Ja '60.

LYMPHADENOMA see Hodgkin's disease

LYMPHATICS

Role of the lymph nodes in acquired antitumorous immunity. Report No. 1. Changes in regional lymph nodes following homotransplantation of Brown-Pearce tumors [with summary in English]. A. G. Zakharov. Biul. eksp. biol. i med. 52 no. 7:89-95 Jl '61.

Role of the lymph nodes in the mechanism of natural resistance to rabies [with summary in English]. L. P. Gorshunova. Zhur. mikrobiol., epid. i immun. 33 no. 2:45-48 F '62.

LYMPHATICS—CANCER

Changes in the intra-organic lymphatic system of the rabbit stomach after damage of its wall by a Brown-Pearce tumor. V. N. Balnshev. Biul. eksp. biol. i med. 52 no. 11:106-110 N '61.

Metastases of lung cancer into the lymph nodes of the thoracic cavity [with summary in English]. M. A. Gladkova, A. D. Soboleva, A. I. Pirogov. Grud. khir. 1 no. 5:59-65 S-O '59.

LYMPHATICS—INNERVATION

Experimental morphological study of the innervation of the inguinal lymph nodes in the dog [with summary in English]. V. IA. Volik. Biul. eksp. biol. i med. 53 no. 2:111-114 F '62.

LYMPHATICS—TUMORS

Clinical and roentgenological characteristics of tumors of lymph nodes of the mediastinum. Sh. M. Mirganiev. Med. zhur. Uzb. no. 4:60-63 Ap '60.

LYMPHATICS—WOUNDS AND INJURIES

Reactivity of the endothelium of the lymphatic pouch of frogs following mechanical injury [with summary in English]. G. IA. Grafova. Arkh. anat. gist. i embr. 41 no. 12:31-43 D '61.

LYMPHOID TISSUE

Zarotskaia, IU. M. [Lymphoid organs in radiation pathology] Limfoidnye organy v luchevoi patologii. Pod red. A. V. Lebedinskogo. Moskva, Medgiz, 1961. 114 p. (DNLM)

LYN'KOU, MIKHAS', 1899-

"Mikhas' Lyn'kou" by F. Kuliashou. Reviewed by I. Kudiautsau. Belarus' 19 no. 3:29 Mr '62.

LYSENKO, MYKOLA VITALIIOVICH, 1842-1912

Leading figure in Ukrainian music. M. Gordiichuk. Komm. Ukr. 37 no. 2:77-81 F '62.

Outstanding Ukrainian composer. Sots. kul't. no. 2:30 F '62.

LYSINE

Inclusion of lysine-1-C^{14} into the proteins of transplanted tumors and into the organs of rats [with summary in English]. Pan' TSI-tsao (P'an Ch'i-ta'ao). Vop. med. khim. 7 no. 4:358-362 Jl-Ag '61.

LYSOZYME

Use of lysozyme in curing carriers of pathogenic Staphylococci [with summary in English]. Z. V. Ermol'ev and others. Antibiotiki 7 no. 4:359-361 Ap '62.

LYUBERTSY—AGRICULTURAL MACHINERY INDUSTRY

Our presents for the Communist Youth League Congress. L. Korzhikin. Mol. komm. no. 4:9-11 Ap '62.

MACARONI see subdivision under Ussuriysk

MACEDONIA—HISTORY

How the tribes of northern Parthia struggled against Macedonian aggression. F. IA. Kos'ke. Vest. drev. ist. no. 1:113-125 '62.

MACHINE ACCOUNTING

Competition of machine accounting centers of the State Bank branches. A. Ivanchenko. Den. i kred. 20 no. 3:40-53 Mr '62.

Russia (1923- U. S. S. R.) Upravlenie po organizatsii i mekhanizatsii ucheta. [Mechanization of accounting, bookkeeping, and computation] Mekhanizatsiia ucheta, otchetnosti i vychislitel'nykh rabot; sbornik informatsionnykh materialov. Moskva, Gosstatizdat, 1960. 50 p.
(CU)

MACHINE ACCOUNTING—STUDY AND TEACHING

Ovsiannikov, N. N. [The SP-22 accounting machine, textbook for teaching the technique of machine operation] Bukhgalterskaia mashina modeli SR-22, posobie dlia obucheniia tekhnike raboty na mashine. Moskva, Gosstatizdat, 1961. 71 p.

Zastenker, G. S., and A. A. Milov. [Control and output of work at machine accounting centers] Kontrol' i vypusk rabot na mashinoschetnykh stantsiiakh. Moskva, Gosstatizdat TsSU SSSR, 1961. 95 p.

MACHINE-SHOP PRACTICE

Pinenzhik, A. M. [Organization of the work of an assembly mechanic] Organizatsiia truda slesaria-sborshchika. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 66 p. (Biblioteka slesaria-sborshchika, no. 10)

Using deep freezing in press fitting. G. A. Bobrovnikov. Vest. mash. 42 no. 3:45-46 Mr '62.

MACHINE-TOOL INDUSTRY see subdivision under Lipetsk

MACHINE TOOLS

Automatic rotary lines. A. I. Azar'ev, V. G. Shal'nev. Shkola i proizv. 6 no. 1:52-59 Ja '62.

Il'nitskii, I. I. [Automatic and semiautomatic machine tools] Stanki-avtomaty i poluavtomaty. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 46 p. (Nauchno-populiarnaia biblioteka rabochego-stanochnika, no. 30)

[Machine tools; brief manual] Metallorezhushchie stanki; kratkii spravochnik. Moskva, Izd-vo ekon. lit-ry, 1961. 815 p.

Moskovskii Dom nauchno-tekhnicheskoi propagandy imeni F. E. Dzerzhinskogo. [Design and operation of automatic machining lines] Proektirovanie i ekspluatatsiia avtomaticheskikh linii mekhanicheskoi obrabotki. Pod red. A. P. Vladzievskogo. Moskva, Mashgiz, 1962. 305 p.

The OS-277 semiautomatic machine for finish (diamond) turning and undercutting of pistons. V. I. Shekhter. Biul. tekh.-ekon. inform. no. 2:22-24 '62.

Portable machine tools for parquet work. I. P. Bukharova. Mekh. stroi. 19 no. 3:29-30 Mr '62.

Rudinskii, S. IA. [Machine tools; collected problems and laboratory work] Metallorezhushchie stanki; sbornik zadach i laboratornykh rabot. Moskva, Mashgiz, 1961. 380 p.

Shatin, IU. S. [Automatic machine-tool lines in the machinery industry] Avtomaticheskie stanochnye linii v mashinostroenii. Moskva, Mashgiz, 1961. 30 p. (Nauchno-populiarnaia biblioteka rabochego-stanochnika, no. 31)

Tepinkichiev, V. K. [Machine tools in the agricultural machinery industry] Metallorezhushchie stanki v sel'skokhoziaistvennom mashinostroenii. Moskva, Mashgiz, 1962. 424 p.

MACHINE TOOLS—CONGRESSES

Conference on methods for preparing information for program controlled machine tools. A. E. Kobrinskii. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no. 1:192 Ja-F '62.

MACHINE TOOLS—NUMERICAL CONTROL

Conference on methods for preparing information for program controlled machine tools. A. E. Kobrinskii. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no. 1:192 Ja-F '62.

Kniazhitskii, I. I., and M. P. Rashkovich. [Inductive converters in program controlled machine tools] Induktivnye prokhodnye preobrazovateli v stankakh s programnym upravleniem. Moskva, Mashgiz, 1962. 109 p.

[Numerical programmed control] TSifrovoe programmnoe upravlenie [By] N. V. Koval'skii i dr. Pod red. A. G. Ivakhnenko. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1962. 124 p. (Biblioteka po avtomatike)

MACHINE TOOLS—TECHNOLOGICAL INNOVATIONS

Modernizing equipment for continuous mass production. A. N. Rodnin. Vest. mash. 42 no. 3:48-50 Mr '62.

MACHINERY

[Past, present, and future of machines] Mashina, ee proshloe, nastoiashchee, i budushchee. [Obshchaia red. Artobolevskogo, I. I. Moskva] Molodaia gvardiia, 1959. 509 p.
(YtMIM)

MACHINERY—CONSTRUCTION

[Machinery manufacture] Ref. zhur.: Mashinostr. nos. 3-6 '62.

MACHINERY—DESIGN

More attention to machinery designers. Nikiforov. Mashinostroitel' no. 3:6 Mr '62.

Reshetov, D. N., ed. [Machine parts; atlas of designs] Detali mashin; atlas konstruktsii. Moskva, Mashgiz, 1962. 346 p.

Rozhniatovskii, A. F., and D. F. Chernyshev. [Technological fundamentals and norms for the design of machine parts; manual] Tekhnologicheskie osnovy i normy proektirovaniia detalei mashin; uchebnoe posobie. Moskva, Mosk. inzhenerno-ekon. in-t im. S. Ordzhonikidze, 1959. 119 p.
[MICROFILM]

MACHINERY—MAINTENANCE AND REPAIR

Rubanovich, IA. G., and I. S Shats. [Increasing the strength and wear resistance of machine parts, experience of the "Pneumatic" factory in Leningrad] Povyshenie prochnosti i iznosostoikosti detalei mashin, opyt leningradskogo zavoda "Pnevmatika." Leningrad, 1962 20 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy Obmen peredovym opytom. Seriia Metallovedenie i termicheskaia obrabotka, no. 1)

MACHINERY INDUSTRY
(see also subdivision under Bryansk, Gorkiy Province, Kaluga, Kharkov, Kiev, Mytishchi, Riga)

[Automation and mechanization of control systems in the machinery industry, manual] Avtomatizatsiia i mekhanizatsiia sredstv kontrolia v mashinostroenii; spravochnoe posobie Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit lit-ry, 1962 215 p.

Bogatyrev, V. N. [Selection of an economic process for machining parts in machinery plants] Vybor ekonomicheskogo protsessa mekhanicheskoi obrabotki detalei na mashinostroitel'nykh zavodakh Moskva, Gos. nauchno-tekhn izd-vo mashinostroit. lit-ry, 1961. 71 p. (Biblio-techka po zavodskoi ekonomike)

Concentrating the production of one kind and the optimum size of machinery manufacturing enterprises P Levitskii. Nauch. dokl. vys shkoly; ekon nauki 5 no 1, 76-83 '62

Determining the degree of mechanization and automation in a machinery plant I. E. Khavin. Vest. mash. 42 no. 3 83-86 Mr '62

Gokun, V B. [Reducing the amount of metal used in machinery manufacture] Snizhenie konstruktivnoi metalloemkosti mashin Moskva, Mashgiz, 1962. 242 p

Hel'tis, V. E [Use of plastics in the manufacture of machinery and instruments] Zastosuvannia plastychnykh mas u mashino-i pryladobuduvanni. Kyiv, Derzh. vyd-vo tekhn. lit-ry URSR, 1960. 68 p.

Levitskii, N. K., V. IA Kochetov, and K. F. Druzhinin. [Organization of intraplant railroad transportation in machinery plants] Organizatsiia vnutrizavodskikh zheleznodorozhnykh perevozok na zavodakh mashinostroeniia. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenija, 1961. 33 p.

Pavlov, S. M , and E. N. Slastenko. [Specialization in the machinery industry] Spetsializatsiia v mashinostroenii. [Moskva] Mosk. rabochii, 1962. 58 p.

MACHINERY INDUSTRY—COSTS see subdivision under Ukraine

MACHINERY INDUSTRY—EQUIPMENT AND SUPPLIES

Bartashev, L. V. [Organization of intershop conveying] Organizatsiia vnutrisekhovogo transporta. Moskva, Mashgiz, 1950. 98 p.

MACHINERY INDUSTRY—FINANCE
(see also subdivision under Moscow)

Problems in the business accounting of a machinery plant. M. P. Kopelovich. Vest. mash. 42 no. 3 87-89 Mr '62.

MACHINERY INDUSTRY—HYGIENIC ASPECTS

[Manual on safety engineering and industrial hygiene in machinery industry enterprises] Spravochnik po tekhnike bezopasnosti i proizvodstvennoi sanitarii dlia predpriiatii mashinostroenija. Sost. A. I. Ignatok, i dr. Moskva, Mashgiz, 1962. 591 p.

MACHINERY INDUSTRY—PRODUCTION STANDARDS
(see also subdivision under Zaporozh'ye Province)

Effective aid. L. Kachan. Sov. profsoiuzy 18 no. 7; 11 Ap '62.

MACHINERY INDUSTRY—SAFETY MEASURES

[Manual on safety engineering and industrial hygiene in machinery industry enterprises] Spravochnik po tekhnike bezopasnosti i proizvodstvennoi sanitarii dlia predpriiatii mashinostroenija. Sost. A. I. Ignatok, i dr. Moskva, Mashgiz, 1962. 591 p.

MACHINERY INDUSTRY—TECHNOLOGICAL INNOVATIONS
(see also subdivision under Moscow Province)

Basic trends in the technological development of the machinery industry Mashinostroitel' no. 3; 1-3 Mr '62.

Let us devote all our strength to the introduction of new equipment. Sifuianov. Mashinostroitel' no. 3; 8 Mr '62.

Some problems in the development of the national economy and the objectives of the machinery industry. A. N. Dem'ianovich. Vest. mash. 42 no. 3; 3-7 Mr '62.

MACROMOLECULAR COMPOUNDS

Hydrodynamics of polymer solutions. Part 4. Diffusion and sedimentation of semirigid macromolecules [with summary in English] O. B. Ptitsyn, IU. E. Eizner. Vysokom. soed. 3 no. 12; 1863-1869 D '61.

Sealing the walls of asbestos-cement pipes with high-polymer compounds. V. S. Loginov, E. A. Kashkovskaia, V. V Tarkhanov. Stroi. i truboprov. 7 no. 2; 9-10 F '62.

MACROMOLECULAR COMPOUNDS—OPTICAL PROPERTIES

Effect of the polymer composition on the optical anisotropy of its molecules [with summary in English] T. M. Birshtein and others. Vysokom. soed 4 no. 3; 455-462 Mr '62.

MADAGASCAR see Malagasy Republic

MADDER

Preparing red madder dyes V. N. Glotov. Lakokras. mat i ikh prim no 6 35-39 '61

MADEIRA WINE

Production of Madeira wine in hermetically sealed containers V A. Berg Trudy Nauch -issl inst sad , vin 24 3-17 '60

MAGADAN PROVINCE—FOREST MANAGEMENT

Forests of Magadan Province and ways for their reproduction G F. Starikov Les khoz 15 no 2 19-21 F '62.

MAGADAN PROVINCE—WAGES—PEAT INDUSTRY

Under the collective's control. V. Seletskii. Sov. profsoiuzy 18 no. 7; 23-24 Ap '62.

MAGIAN VALLEY—PETROLOGY

Genesis of the silicified rocks in the Shing-Magian region. N. S. Mudrogina, N. N. Nasypulin. Inform sbor VSEGEI no 46; 109-119 '61.

MAGMA

Reflection of the microheterogeneity of the magmatic melts in the structure of augen-diorite enriched with titanium [with summary in English]. M. L. Gel'man. Geokhimiia no. 2; 147-153 '62.

Relationship between the content of halogen compounds in the gas phase and the chemistry of magmatic melt [with summary in English] L. N. Kogarko, L. D. Riabchikov Geokhimiia no. 12; 1068-1076 '61

MAGNESITE

Harmful effect of magnesite dust on woody vegetation. V. I. Nosyrev Les khoz 15 no. 1 18-21 Ja '62.

MAGNESIUM

Behavior of magnesium anode in galvanic cells. S. N. Pobedinskii, B. M. Bulygin, L. L. Kuz'min. Izv. vys. ucheb. zav., khim. i khim tekh 4 no. 6; 1006-1010 '61

Interaction of liquid magnesium with molten rare earth metal chlorides. G. N. Ivalov. Izv. vys. ucheb. zav.; tsvet. met. 5 no. 2; 67-71 '62.

MAGNESIUM—METALLURGY

Gasometric method of determining the hydrogen content in products of the partial hydrolysis of carnallite and magnesium chloride. L. S Bychikhina, IA. D. Vil'nianskii, E. I. Savinkova. Izv. vys. ucheb. zav., tsvet. met. 5 no 2; 100-103 '62.

MAGNESIUM ALLOYS—ELECTROMETALLURGY

Electrolytic refining of magnesium alloys. O. A. Lebedev, K. D. Muzhzhaviev. Izv. vys. ucheb. zav., tsvet. met. 5 no. 2, 72-77 '62.

MAGNESIUM ALLOYS—FOUNDING

Special features in the technology of melting and casting alloys of calcium fluoride and magnesium. A V. Kurdiumov, M V. Pikunov. Sbor nauch trud. GINTSVETMFT no. 33 277-284 '60.

MAGNESIUM-ALUMINUM-GALLIUM ALLOYS

Equilibrium in the magnesium-rich part of the system magnesium - aluminum - gallium K. A. Bol'shakov, P. I. Fedorov, E. I. Smarina Zhur neorg. khim. 7 no 3; 609-614 Mr '62.

MAGNESIUM BORATES see subdivision under Kungur region

MAGNESIUM-LEAD-BISMUTH ALLOYS see Lead-bismuth-magnesium alloys

MAGNESIUM PERCHLORATE

Magnesium perchlorate (anhydrone), a new catalyst for acylation. G. N. Dorofeenko, V. I. Dulenko. Zhur. VKHO 7 no. 1; 120 '62

MAGNESIUM SULFATE—THERAPEUTIC USE

Data on the comparative evaluation of the results of treating endarteritis obliterans by intra-arterial administration of some medical substances. T. K. Kukeev. Zdrav. Kazakh. 21 no. 12; 8-13 '61.

MAGNETIC AMPLIFIERS

Kutsuruba, I. V. [Physical principles of the operation of magnetic amplifiers] Fizicheskie osnovy raboty magnitnykh usilitelei. Pod red. N. L. Briukhatova. Moskva, Mosk. in-t inzhenerov zhel-dor. transp. im. V. I. Stalina, 1961. 44 p.

Magnetic amplifiers of the UM-3P series (continued). Prom. energ. 17 no. 2; 54 F '62.

MAGNETIC CIRCUITS

Calculation of magnetic fields in the air gap of an inductor machine with constant flux. N. IA. Al'per. Vest. elektroprom. 33 no. 3; 10-17 Mr '62.

Problem concerning the design of magnetic systems with permanent magnets [with summary in English]. T. M. Vorob'eva. Avtom. i telem. 23 no. 3; 388-391 Mr '62.

MAGNETIC FIELDS

Concerning the theory of diffusion waves in plasma resting in a longitudinal magnetic field. V. S. Golubev, V. L. Granovskii. Radiotekh i elektron. 7 no. 4 663-669 Ap '62.

Effect of magnetization on the temperature dependence of internal friction in nickel. I B Kekalo, B G Livshits Fiz met i metalloved 13 no 1 54-61 Ja '62

Method for calculating a magnetic field with consideration of the saturation of a ferromagnetic media A I Bashkirshin Izv vys ucheb zav ; energ 5 no 2 14-19 F '62

Propagation of electromagnetic waves in a plasma transversely to an external magnetic field IU. N. Dnestrovskii, D. P. Kostomarov Zhur vych mat i mat fiz 2 no 1 97-106 Ja-F '62

Quantization of a magnetic flux in the case of a superconducting cylinder [with summary in English] V. L. Ginzburg. Zhur. eksp. i teor. fiz. 42 no. 1; 299-302 Ja '62.

Steady flow of a conducting liquid across a magnetic field. B. A. Tverskoi. Dokl AN SSSR 143 no 2; 301-304 Mr '62

Theory of fluctuations of particle distribution in a plasma [with summary in English]. IU. L. Klimontovich, V P Silin Zhur. eksp. i teor. fiz. 42 no 1; 285-298 Ja '62

MAGNETIC INSTRUMENTS

Comparing the magnetic standards of some countries and the apparatus of magnetic observatories of the Soviet Union with the U. S. S. R. standard of the geomagnetic field intensity L. G. Mansurova Trudy IZMIRAN no. 18; 68-76 '61

MAGNETIC MEASUREMENTS

Device for measuring the medians surface of a magnetic field in an accelerator. V. N. Kuz'min, IU K Petrov Prib. i tekh eksp. 7 no 1, 177 Ja-F '62

Measurement of weak constant and variable magnetic fields with a Hall generator made of InAs and InSb by the use of concentrators. S. Sukhanov. Izv. AN Turk SSR. Ser fiz. -tekh., khim. i geol. nauk no 0; 29-32 '61

MAGNETIC MEASUREMENTS—STANDARDS

Malitskii, A. N. [Units of measure of electrical and magnetic magnitudes] Edinitsy izmerenita elektricheskikh i magnitnykh velichin. [Moskva] Izd-vo Mosk. univ., 1961. 54 p.

MAGNETIC MEMORY (CALCULATING MACHINES)

Certain problems concerning the evaluation of a channel of magnetic recording and reading IA A Kheleguro. Vych tekh. no 2 3-7 '61.

Possibility of using a magnetic drum in electric simulating devices with automated search of the solution L. M. Vitenberg Vych tekh no. 2, 56-72 '61.

Problems concerning the development of a memory device using a magnetic drum with accelerated selection. V. I. Zuev Vych. tekh. no. 1, 24-36 '60.

The 256-channel time analyzer with a storage equipment A. P TSitovich Prib i tekh. eksp 7 no 1, 66-77 Ja-F '62

Use of ferrite cores with rectangular hysteresis loops in noncontact printing devices. A. K. Romanov. Avtom. kont. i elek. izm. no. 2, 123-136 '60.

MAGNETIC PROSPECTING
(see also subdivision under Altai Mountains; Belgorod region)

[Kursk Magnetic Anomaly; history of the discovery, study, and commercial development of iron-ore deposits Collection of documents and materials in two volumes, 1742-1960] Kurskaia Magnitnaia Anomaliia; istoriia otkrytiia, issledovanii i promyshlennogo osvoeniia zhelezorudnykh mestorozhdenii. Sbornik dokumentov i materialov v dvukh tomakh, 1742-1960. [Belgorod] Belgorodskoe knizhnoe izd-vo
Vol. I. 1742-1926. 1961. 417 p.

Quantitative geological interpretation of complex magnetic anomalies on electronic digital computers. S. V. Shalaev Prikl. geofiz. no. 31; 193-203 '61.

MAGNETIC PROSPECTING—GRAPHIC METHODS

Adoption of the graphic method for aeromagnetic data processing. A. M. Karasik. Inform. biul. NIIGA no 16 49-51 '59.

MAGNETIC RECORDERS AND RECORDING

Use of computers with discrete action for calculating the surface effect in a ferromagnetic tape with a rectangular hysteresis loop and viscosity. T. A. Tatur. Izv vys. ucheb. zav., elektromekh. 5 no. 2; 129-135 '62.

MAGNETIC RESONANCE ACCELERATOR see Cyclotron

MAGNETIC SEPARATION OF ORES

Karmazin, V. I. [Modern methods of magnetic separation of ferrous metal ores] Sovremennye metody magnitnogo obogashchenia rud chernykh metallov. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1962. 658 p.

Refining rare metal concentrates by separation in a variable magnetic field. M. A. Riskin. Obog. rud 6 no. 6; 44-46 '61.

MAGNETIC STORMS

Geographical distribution of ionospheric disturbances in the F_2 layer. E V Lavrova Trudy IZMIRAN no 19 31-47 '61

Geomagnetic storms during 1878-1959 and solar activity V. I Afanas'eva, IU D. Kalinin Trudy IZMIRAN no 18 27-41 '61

MAGNETIC VARIOMETER

The quartz Z-variometer. V N Bobrov. Trudy IZMIRAN no 18 50-54 '61

MAGNETISM

Studying the nature of magnetism in the physics course of secondary schools I P Fedotov. Dokl. APN S no 4, 25-30 '61.

MAGNETISM, TERRESTRIAL

Accuracy of the mean annual values D, H, Z at points of repeated observations. V P. Sokolov. Trudy IZMIRAN no 18 108-110 '61

Method of reducing the data of field observations to the mean annual value M A Belousova. Trudy IZMIRAN no 18 42-49 '61.

Results of the paleomagnetic study in the southern part of the Siberian Platform and adjacent regions V. P. Rodionov, L. P. Sidorova Trudy VNIGRI no.186, 354-361 '61.

MAGNETISM, TERRESTRIAL—DIURNAL VARIATION

Plotting the diurnal current systems for Sep. 4, 1957 N M Rotanova Trudy IZMIRAN no. 18 87-107 '61.

MAGNETISM, TERRESTRIAL—OBSERVATIONS see subdivision under Arctic regions; Dickson Island

MAGNETISM, TERRESTRIAL—SECULAR VARIATION

Complexity of the part of secular variation depending on solar activity N V. Adam, V P. Orlov Trudy IZMIRAN no 18 3-13 '61.

Secular variation of the geomagnetic field and its unusually sharp changes V P. Orlov. Trudy IZMIRAN no 18 77-86 '61

World charts of isopors for the period 1954-1959. N V. Adam, V P. Orlov Trudy IZMIRAN no. 18 14-26 '61

MAGNETITE

(see also subdivision under Sayan Mountains, Talas Ala-Tau, Tuguy Gates)

Specific magnetic susceptibility of powders with a various magnetite content S K Grebnev, N. A. Vasilinskii Obog rud 7 no 1 54-55 '62

Water removal from fine magnetite concentrates in settling tanks and stock piles L. P. Shupov. Obog. rud 6 no 6, 46-49 '61

MAGNETITE—THERMAL PROPERTIES

Phenomena of thermal hysteresis in magnetite. A. IA. Vlasov, A. G. Zvegintsev. Izv. Sib. otd. AN SSSR no 1 89-92 '62.

MAGNETOHYDRODYNAMICS

Cowling, T. G. [Magnetohydrodynamics. Translated from the English] Magnitnaia gidrodinamika. Pod red. M. A. Leontovicha Moskva, Izd-vo inostr. lit-ry, 1959. 132 p. (Problemy fiziki) (WaU)

Magnetohydrodynamic flow in a flat channel with end electrodes. A. B. Vatazhin. Izv. AN SSSR, Otd. tekh. nauk Mekh. i mashinostr. no. 1 52-58 Ja-F '62.

Propagation of a jet of conductive fluid in a concurrent flow of the same fluid in a magnetic field. E. P. Ivanov Trudy LPI no. 217 95-101 '61.

Prospects for the creation of marine power plants on the basis of magnetogasdynamics G. A. Matveev, P. D. Ivanov. Sudostroenie 28 no. 2, 32-36 F '62.

Rabinovich, M. S., ed. [Plasma physics and magnetohydrodynamics. Translated articles] Fizika plazmy i magnitnaia gidrodinamika; sbornik statei. Moskva, Izd-vo inostr. lit-ry, 1961. 302 p. (Problemy fiziki)

Some characteristics of transient conditions in magnetohydrodynamics. I. B. Chekmarev. Trudy LPI no 217 102-108 '61

Theory of jets of conductive fluids. E. P. Ivanov. Trudy LPI no. 217 109-111 '61.

Theory of similitude in technical magnetohydrodynamics I. L. Povkh. Trudy LPI no. 217, 83-94 '61.

Waves of final amplitude in magnetohydrodynamics [with summary in English]. Z. A. Gol'dberg. Zhur. eksp. i teor. fiz. 42 no. 1, 252-258 Ja '62.

MAGNETOMETER

Universal high-stability element with a zero temperature coefficient for magnetometers, variometers, and microvariometers recording any component of the earth's magnetic field. V. N. Bobrov. Trudy IZMIRAN no. 18, 55-87 '61

MAGNETOSTRICTION

Rotational hysteresis of magnetostriction in nickel. V. S. Afoshin. Izv. Sib. otd. AN SSSR no. 1, 37-42 '62.

Saturation magnetizing of iron-nickel alloys during all-around compression. I. IA. Dekhtiar, D. A. Lavina, V. S. Mikhalenkov. Fiz. met. i metalloved. 13 no. 2, 308-310 '62.

MAGNETS

Swimming magnets and swimming crystals. A V Shubnikov. Priroda 51 no. 3 17-22 Mr '62.

MAGNITOGORSK—BLAST FURNACES—DESIGN AND CONSTRUCTION

Durability of the brickwork in blast furnace stacks of the Magnitogorsk Metallurgical Combine I M Galkmin, L A Lepikhin Stal' 22 no 3 215-218 Mr '62

MAGNITOGORSK REGION—GEOLOGY, STRUCTURAL

Igneous activity and the history of the development of the Magnitorgorsk marginal trough N. V. Struve Inform sbor VSEGEI no. 16, 23-37 '59

MAIAKOVSKII, VLADIMIR VLADIMIROVICH, 1891-1930

Grigorian, Rachiia [Maiakovskii and Armenian literature] Maiakovskii i armianskaia literatura. Erevan, Armianskoe gos. izd-vo, 1956. 229 p. (NNC)

MAIZE see Corn (Maize)

MAKARENKO, ANTON SEMENOVICH, 1888-1939

A S Makarenko in foreign pedagogics. V Z Smal' Rad shk 40 no. 3 14-17 Mr '62.

Makarenko's traditions in a boarding school I V. Pukha Rad shk 40 no 3 12-13 Mr '62.

MAKEYEVKA—DISEASES—REPORTING

Some results of a detailed study of morbidity among the adult population of Makeyevka M. G. Garina Sov. zdrav 21 no 3, 34-39 '62

MAKHARADZE DISTRICT—COLLECTIVE FARMS

Specialization on collective farms in Makharadze District. A. Sh. Kechegmadze. Subtrop. kul't no. 4 105-112 '61

MAKSAKOVA, LIUDMILA

Liudmila Maksakova's first role. IU. Osnos. Teatr 23 no. 3, 13 Mr '62

MALAGASY REPUBLIC

French colonialism in Africa. N Gavrilov. Az. i Afr. sego. no. 3, 14-16 Mr '62.

MALARIA see subdivision under Gissar Range region, Kirovabad District; Pamirs, Tajikistan; Vanch District

MALARIA—PREVENTION see subdivision under South Kazakhstan Province

MALAYA—ECONOMIC CONDITIONS

The economy of colonial Malaya. V. A. Zherebilov Nar. Azii i Afr. no. 1, 69-78 '62

MALAYA—HISTORY

The Johore edition of the "Tale about Hang Tuah." B. B. Parnikel'. Nar. Azii i Afr. no. 1, 147-155 '62

MALAYA—INVESTMENTS, BRITISH

The economy of colonial Malaya. V. A. Zherebilov. Nar. Azii i Afr no. 1, 69-78 '62.

MALAYAN TALES see Tales, Malayan

MALLIC ANHYDRIDE

Role of hydrogen bonds in the gelation of derivatives of a styrene-maleic anhydride copolymer [with summary in English]. G. N. Lapshin. Vysokom soed. 4 no. 3, 468-470 Mr '62.

Stereochemistry of cyclic compounds. Part 46: Configuration of adducts of trans-1-vinyl-6-keto-9-methyl-Δ^1-octalin with maleic anhydride V. F. Kucherov, I. M. Mil'shtein, I. A. Gurvich. Zhur. ob. khim 32 no 3 765-773 Mr '62.

MALI—ECONOMIC CONDITIONS

In a Mali village. P. Tret'iakov. Nov. vrem. 20 no. 13; 26-28 Mr '62.

MALI—POLITICS AND GOVERNMENT

Dawn over the Niger. V. IEremenko. Ukraina no. 2; 25 Ja '62.

MALININ, KALLINIK MIKHAILOVICH, 1862-

Malinin, K. M. [A half century as a veterinarian] Polveka na postu veterinarnogo vracha. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 174 p. (DA)

MALIS, GEORGII IUR'EVICH, 1904-1962

In memory of G. IU. Malis. Zhur. nevr. i psikh. 62 no. 3; 476 '62.

MALONIC ACID

Condensation of ethoxymethylenemalonic ester with quaternary salts of heterocyclic bases containing an active methyl group; new method of synthesizing carbocyanine dyes unsaturated in their polymethine chain. N. N. Sveshnikov, N. S. Stokovskaia. Zhur. VKHO 7 no. 1; 111-112 '62.

Synthesis of polyorganosiloxane oligomers containing malonate end groups. K. A. Andrianov, A. A. Zhdanov, E. A. Kashutina. Izv. AN SSSR. Otd. khim. nauk no. 4, 454-456 Mr '62.

Synthesis of 2-C^{14}-acetaminomalonic ester and 2-C^{14}-hydroxyproline [with summary in English]. K. M. Ermolaev, S. I. Kirillova, V. L Maimind. Vop. med. khim. 7 no. 6; 628-631 N-D '61.

MALOYAROSLAVETS DISTRICT—COMMUNITY CENTERS

We are the state V Samsonov Kul't.-pros. rab 23 no 3 13-16 Mr '62

MALT-EXTRACTS

Effect of the use of malt extract on biochemical changes in the blood of athletes during work of different types [with summary in English] A. G. Krasnova, N. R. Chagovets Vop pit 21 no 2, 37-39 Mr-Ap '62

MALTA—DESCRIPTION AND TRAVEL

On Malta V. Kassis, K. Perevoshchikov Nov. vrem 20 no 14 24-26 Ap '62

MALTA—ECONOMIC CONDITIONS

On Malta. V Kassis, K. Perevoshchikov. Nov vrem 20 no 14 24-26 Ap '62

MALYSHKOVO (KOSTROMA PROVINCE)—AGRICULTURE—EXPERIMENTATION

House on the outskirts. IU. Krivonosov Ogonek 40 no. 10 3 Mr '62

MAMMALS see subdivision under Volga-Akhtuba Flood Plain

MAMMALS—EMBRYOLOGY see Embryology—Mammals

MAMMARY GLANDS

Study on the function of mammary glands in cows fed and milked either twice a day or three times a day. V. V. Kulyk. Nauk. prats. "Ask -Nov " 9 67-85 '61.

MAMMARY GLANDS—BLOOD SUPPLY

Effect of bilateral ligation of the ea mammariae internae and pericardectomy on the coronary circulation in an experiment M. N. Tebenkov, E. A. Lepershkii, O. D. Kuz'minov. Grud. khir 3 no 6 48-51 N-D '61.

Physiological justification for ligation of the internal mammary arteries in myocardiac ischemic disease [with summary in English]. K. N. Muratova, S. V Tolova, L. S. Ulianinskii. Grud. khir 2 no 3 24-27 My-Je '60

MAMMARY GLANDS—CANCER

Appearance of rat mammary gland tumors after the parenteral administration of niobium-95 [with summary in English] V. I. Ponomarenkov. Biul. eksp biol i med 52 no. 11, 102-106 N '61

Comparative estimation of the functional state of sexual glands in mice strains with high and low susceptibility to cancer [with summary in English] A. D. Ostrianina Fiziol. zhur. [Ukr.] 7 no. 6, 830-835 N-D '61

MAMMARY GLANDS—TUMORS

Innervation of fibroadenomas of the human mammary gland V. D. Dyshlovoi Med zhur Uzb no 1 28-31 Ja '62

MAMMOTH see subdivision under Yeliseyevichi region

MAN, PREHISTORIC

(see also subdivision under Khiva Oasis)

The "house" of prehistoric man. Iryna Pap. Ukraina no. 2; 32 Ja '62

MANCHESTER—EXHIBITIONS

New automatic circular knitting machines for stockings and socks K. K. Lupandin Tekst. prom. 22 no. 2 81-82 F '62.

MANDELAMIDE

Preparation of mandelamide. N P Kitushaik Ukr khim. zhur 28 no 2 270 '62.

MANGANESE

Rapid method for determining manganese in pigment-rich titanium dioxide. V. A Malevannyi Lakokras. mat. i ikh prim no. 6 59-60 '61.

MANGANESE—PHYSIOLOGICAL EFFECT

Effect of manganese trace element fertilizers on biochemical processes in grapes [with summary in English] O. K. Dobrolubskii, V K Ryzha. Fiziol. rast 9 no 1 53-59 '62.

MANGANESE—SPECTRA

Absorption spectra of minerals containing Mn^{2} S V. Grum-Grzhimailo. Zap. Vses. min ob-va. 91 no. 1; 86-89 '62.

MANGANESE ALLOYS—ELECTROMETALLURGY

Structure of a double electric layer at the metal - slag boundary. IU. P. Nikitin. Trudy Ural. politekh. inst. no. 93 44-55 '59.

MANGANESE-ALUMINUM ALLOYS see Aluminum-manganese alloys

MANGANESE-COBALT ALLOYS see Cobalt-manganese alloys

MANGANESE COMPOUNDS

Petritchuk, D. I., and L. A. Slashcheva. [Manganese and its importance in agriculture] Marganets i ego znachenie v sel'skom khoziaistve. Frunze, Kirgizskoe gos. izd-vo, 1960. 45 p. (DA)

Preparation and properties of the sodium salt of manganese(II) ethylenediaminetetraacetic acid. V. A. Rad'ko, E. M. IAkimets. Zhur neorg. khim 7 no 3 683-686 Mr '62

MANGANESE-IRON ALLOYS see Iron-manganese alloys

MANGANESE-IRON-SILICON ALLOYS see Iron-manganese-silicon alloys

MANGANESE MINES AND MINING see subdivision under Chiatura region, Dnepropetrovsk Province, Nikopol' region

MANGANESE-NICKEL ALLOYS see Nickel-manganese alloys

MANGANESE ORES
(see also subdivision under Mangyshlak Peninsula; Sverdlovsk Province)
Phosphorus distribution during the dressing of manganese ores G. L. Kontorovich Obog. rud 7 no. 1, 11-14 '62

MANGANESE-RHENIUM ALLOYS
Ordering of solid solution based on α-Mn N. V. Ageev, V. Sh. Shekhtman Dokl. AN SSSR 143 no. 4 922-924 Ap '62

MANGANESE STEEL
Weldability of low-alloy 15 GS manganese steel A. IA. Brodskii, N. V. Tolmacheva Prom. stroi 40 no. 3, 47-54 '62

MANGANESE STEEL—METALLOGRAPHY
Effect of preliminary plastic deformation on $\gamma \longrightarrow \varepsilon$ transformations in manganese steel L. S. Ershova, L. N. Bogachev Fiz. met. i metalloved. 13 no. 1 107-113 Ja '62

MANGYSHLAK PENINSULA—GAS, NATURAL—GEOLOGY
Geology and prospects for finding oil and gas in the Bekebashkudukskove uplift of the Mangyshlak Peninsula K. V. Kruchinin Trudy VNIGRI no. 186 286-306 '61

MANGYSHLAK PENINSULA—KAZAKHS
History of the Kazakhs in the Mangyshlak Peninsula in the first half of the 19th century M. Tursunova Trudy Inst. ist., arkheol. i etn. AN Kazakh SSR 11 174-202 '61

MANGYSHLAK PENINSULA—MANGANESE ORES
Distribution of iron, manganese, and phosphorus in lower Oligocene deposits of Mangyshlak E. S. Tikhomirova. Dokl. AN SSSR 143 no. 3, 705-708 Mr '62

MANGYSHLAK PENINSULA—PETROLEUM GEOLOGY
Geology and prospects for finding oil and gas in the Bekebashkudukskoye uplift of the Mangyshlak Peninsula K. V. Kruchinin Trudy VNIGRI no. 186 286-306 '61

MANOMETER
Use of U-shaped manometers for controlling the steam conditions of baking ovens. I. V. Kiseleva and others Khleb. i kond. prom. 6 no. 3 32-33 Mr '62.

MANUAL TRAINING
Current and final productions. K. N. Karagez'ian. Sred. spets. obr. 9 no. 3 48-50 Mr '62.
"Instruction in school workshops" by A. G. Dubov, A. K. Beshenkov Reviewed by A. Demin and others Shkola i proizv. 6 no. 1 89-90 Ja '62.
Shortcomings in organizing and conducting lessons in school workshops. D. P. Sher. Shkola i proizv. 6 no. 1 17-18 Ja '62.

MANUFACTURES—ABSTRACTS
[Light industry] Ref. zhur.: Leg. prom. nos. 1-6 Ja-Mr '62.

MANUKOVSKII, NIKOLAI FEDOROVICH
Kretova, C. K. [Nikolai Manukovskii's "universities."] Universitety Nikolaia Manukovskogo. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 124 p.
(DA)

MANURES see Fertilizers and manures

MANUSCRIPTS
A 1584 list of "state ranks" according to the handwritten copy in the Library of the Academy of Sciences of the U. S. S. R. V. I. Buganov Trudy Bibl. AN SSSR 5 167-174 '61.

MANUSCRIPTS (PAPYRI) see subdivision under Egypt

MANUSCRIPTS, AZERBAIJANI
Medieval treatise on painting. A. Kazi-ev. Iskusstvo 25 no. 2 86-89 '62

MANUSCRIPTS, RUSSIAN see subdivision under United States

MANUSCRIPTS, TURKISH see subdivision under Moscow

MAP PRINTING
Preparation and reproduction of luminescent relief shading originals. E. L. Khalugin. Geod. i kart. no. 2 52-56 F '62

MAP PROJECTION
Conformal projections similar to the Chebyshev projection N. IA. Vilenkin Izv. vys. ucheb. zav., geod. i aerof. no. 5 79-89 '61.
Formulating the problem of the best equal-area projections. G. A. Meshcheriakov. Izv. vys. ucheb. zav., geod. i aerof. no. 5 91-101 '61.

MAPLE see subdivision under Ukraine

MAPPING, CONFORMAL see Conformal mapping

MAPS
Use of cartographic and geodetic materials in the design of industrial enterprises N. IA. Kondrat'eva Izv. vys. ucheb. zav., geod. i aerof. no. 6 111-112 '61.

MAPS—SYMBOLS
Russia (1923- U. S. S. R.) Glavnoe upravlenie geodezii i kartografii. [Conventional signs for the topographic map at a scale of 1:10,000] Usloynye znaki dlia topograficheskoi karty masshtaba 1:10 000. Moskva, Izd-vo Geodez. lit-ry, 1961. 119 p.

MARECHAL, PIERRE SYLVAIN, 1750-1803
The role of Sylvain Marechal in the "conspiracy of the equals." G. S. Kucherenko Nov. i noveish. ist. no. 6 111-121 '61.

MARI A. S. S. R.—HISTORY
"Studies on the history of the Mari A. S. S. R., 1917-1960." Reviewed by A. I. Kardash, L. G. Filatov Ist. SSSR 6 no. 2 164-166 Mr-Ap '62

MARI A. S. S. R.—RUSSIAN LANGUAGE—STUDY AND TEACHING
Akademiia pedagogicheskikh nauk RSFSR. Institut natsional'nykh shkol. [Methods of teaching Russian morphology in grades 5 and 6 of the Mari school] Metodika izucheniia morfologii russkogo iazyka v V-VI klassakh marliskoi shkoly. Pod red. S. S. Filippova. Ioshkar-Ola, Marliskoe knizhnoe izd-vo, 1959. 422 p.
(InU)

MARIINSK—DESCRIPTION
Kuznetsov, IA. M. Mariinsk [Kemerovo] Kemerovskoe knizhnoe izd-vo, 1960. 49 p. (Goroda Kuzbassa)
(MH)

MARIINSKIY POSAD DISTRICT—OAK
Our improvement cutting methods in oak dominant forests, from the experience of the Mariinskiy Posad Forest Working Circle, Chuvash A. S. S. R. M. A. Kudriavtsev, S. I. Tiutnev. Les. khoz. 15 no. 2 74-77 F '62

MARINE BIOLOGY see subdivision under Mediterranean Sea

MARINE BIOLOGY—RESEARCH see subdivision under Bermuda

MARINE BOILERS see Boilers, Marine

MARINE DIESEL ENGINES
Characteristics of diesel cycles with fuel additions to the air charge being compressed. Z. A. Khandov, V. F. Ermakov Trudy LIVT no. 2 3-22 '60
Investigating the atomizing of heated diesel fuel. V. F. Ermakov Trudy LIVT no. 2 23-28 '60.
Plakhov, V. S. [Marine diesel engines; design and operation] Sudovye dizeli; konstruktsiia i eksploatatsiia. Moskva, Izd-vo "Rechnoi transport," 1961. 423 p.

MARINE ENGINEERING—BIBLIOGRAPHY see Bibliography—Marine engineering

MARINE ENGINES
Comparative analysis of the economic indices of ships with various power plants M. I. Erpichev, A. M. Ivlieva. Trudy LIVT no. 3 3-22 '60
Determination of clearance limits in crank gear assembly joints in marine internal combustion engines P. A. Dolinskii. Sudostroenie 28 no. 2 40-43 F '62
Heat engineering control of marine internal combustion engines. A. Aleksandrov Rech. transp. 21 no. 2 29-30 F '62
Lysenko, V. K. [Marine nuclear power plants] Sudovye atomnye silovye ustanovki. Moskva, Izd-vo "Morskoi transport," 1961. 153 p. (Lektsii dlia zaochnikov)
Possibility of using BK-2 babbit for the hard facing of 18D engine bearings. N. Sennikovskii. Rech. transp. 21 no. 2 30-31 F '62.
Prospects for the creation of marine power plants on the basis of magnetogasdynamics. G. A. Matveev, P. D. Ivanov. Sudostroenie 28 no. 2 32-36 F '62.

MARINE ENGINES—HYDRAULIC DRIVE
Methods for designing the hydraulic torque converter of the reverse motion of marine hydraulic reverse gears. D. IA. Aleksapol'skii. Shor. trud. Lab. gidr. mash. no. 9 3-12 '61.
Some problems in the blocking of marine hydraulic reverse gears. IU. S. Leites. Shor. trud. Lab. gidr. mash. no. 9 13-26 '61.

MARINE ENGINES—MAINTENANCE AND REPAIR
Megrabov, G. A. [Repair of marine power plants] Remont sudovykh silovykh ustanovok. Moskva, Izd-vo "Morskoi transport," 1961. 383 p.

MARINE FAUNA
Applying the concepts of interspecific relationships to the study of deep-sea benthic fauna. N. M. Miloslavskaia. Trudy MMBI no. 3 131-146 '61.
Some problems in the ecology of reproduction of marine bottom invertebrates with pelagic development S. A. Mileikovskii Trudy MMBI no. 3 147-169 '61

MARINE FOULING—CONGRESSES
Section for the Control of Marine Fouling and Biocorrosion I. V. Starostin Okeanologiia 1 no. 5 931 '61

MARINE GAS TURBINES
Investigating methods of controlling free-piston gas generators for small loads. B. V. Vasil'ev Trudy LIVT no. 2 29-36 '60
Power plant on the tank vessel "Mir." I. A. Zaitsev, P. A. Kirfushkin Sudostroenie 28 no. 2 37-40 F '62.
Rebrov, B. V. [Marine gas turbine plants] Sudovye gazoturbinnye ustanovki. Leningrad, Sudpromgiz, 1961. 355 p.
Simplified method of evaluating the utilization ratio of the rated ship capacity in operating conditions A. M. Bogdanov. Trudy LIVT no. 2 37-43 '60

MARINE RESOURCES
Recovery of uranium and other elements from the ores of the Atlantic Ocean. A. P. Davydkov and others. Izv. vys. ucheb. zav., tsvet. met. 5 no. 2 118-125 '62

MARITIME LAW
Legal regulation of the planned shipping of goods to foreign countries and the problems of international shipping [with summary in English]. A. K. Kravtsov Vest. LGU no. 5, 136-147 '62.
Mesheria, V. F. [Maritime law; general lessons during the maritime transportation of freight] Morskoe pravo, obshchie ubytki pri morskoi perevozke gruzov. Moskva, Izd-vo "Morskoi transport."
No. 5. 1962. 29 p.

MARITIME TERRITORY—HISTORY
"The remote past of the Maritime Territory" by A. P. Okladnikov Reviewed by V. E. Larichev, I. I. Kashchenko Izv. Sib. otd. AN SSSR no. 1 105-107 '62

MARKING DEVICES
Marking machine. Ryb. khoz. 37 no. 10:81 '61.

MARKOV PROCESSES
Asymptotically-continuous probability processes [with summary in English] V. N. Klimov Teor. veroiatn. i ee prim. 7 no. 1 61-81 '62.
Excessive functions and additive functionals of Markov processes. M. G. Shur. Dokl. AN SSSR 143 no. 2 293-296 Mr '62

MARKOVNIKOV, VLADIMIR VASIL'EVICH, 1837-1904
Plate, A. F., G. V. Bykov, and M. S. Eventova. [Vladimir Vasil'evich Markovnikov, story of his life and scientific activity, 1837-1904] Vladimir Vasil'evich Markovnikov, ocherk zhizni i deiatel'nosti, 1837-1904. Moskva, Izd-vo Akad. nauk SSSR, 1962. 149 p.

MARMARA SEA—WATER—COMPOSITION
Some data on the study of interstitial waters in the Marmara and Mediterranean Seas. E. M. Lindtrop, V. D. Chumakov. Dokl. AN SSSR 143 no. 3 701-704 Mr '62

MARROW
Chemical composition of human bone marrow [with summary in English]. R. E. Libinzon. Vop. med. khim. 7 no. 4 390-396 Jl-Ag '61.
Study of the phagocytic process in vitro in human bone marrow histiocyte culture [with summary in English]. D. V. Chakhova, S. M. Sokolov. Biul. eksp. biol. i med. 53 no. 1 74-76 Ja '62.
Ultraviolet fluorescence of bone marrow and peripheral blood form elements in normal and pathological conditions in men and animals. Report No. 2 Ultraviolet fluorescence of bone marrow and peripheral blood cells in animals in radiation injury. I. IA. Zhavoronkii, I. M. Blumberg, T. M. Kondrat'eva. Biofizika 6 no. 5 604-609 '61.

MARROW—INNERVATION
Effect of denervation on the changes of marrow. M. L. Pekarskii. Biul. MOIP, Otd. biol. 67 no. 1 156-157 Ja F '62.

MARROW—TRANSPLANTATION
Intra-osseous administration of homologous bone marrow in rats exposed to fatal irradiation [with summary in English]. K. A. Lebedev. Med. rad. no. 3 24-29 '62

MARROW—TUMORS
Change in the antitoxic, prothrombin- and bilirubin-reducing functions of the liver in chronic myelosis therapy with myelosan (myleran). I. Z. Gorelov, B. I. Lapshov. Terap. arkh. 34 no. 2 68-71 '62.
Clinical aspects of myelomatosis [with summary in English]. M. B. Larina. Vrach. delo no. 2 59-61 F '62
Interrelation between polycythemia vera and chronic myelosis [with summary in English]. S. I. Sherman, L. M. Rozanova. Terap. arkh. 34 no. 3 99-104 '62.
Multiple myeloma in a child. V. F. Bakhanova, N. N. Sustina. Vest. rent. i rad. 37 no. 1 65-66 Ja-F '62

MARS (PLANET)

Bernoradi's function for the Martian atmosphere V A Bronshten Izv kom po fiz plan no 3 92-95 '61

Comparing limonite-colored clastic materials with the surface of Mars V V. Sharonov Izv kom po fiz plan no. 3 74-75 '61

Photometric investigations of Mars in 1956. N. P Barabashov, I K. Koval', A T. Chekirda, Izv. kom. po fiz. plan no 3 4-15 '61.

Studying some photometric parameters of lichen covers with reference to the hypothesis of the presence of lichens on Mars I. I Lebedeva Izv kom po fiz plan no 3:86-91 '61

MARS (PLANET)—SPECTRA

Results of studying contrasts observed on Mars I K Koval' Izv kom po fiz plan no 3 76-85 '61

MARSHES see Swamps

MARTUNI DISTRICT (ARMENIA)—PASTURES AND MEADOWS

Changes in the meadow vegetation of the plateau of Ayrldzhi A M Barseglan, Izv AN Arm SSR Biol nauki 14 no.12 115-120 D '61.

MARTUNI REGION (AZERBAIJAN)—GEOLOGY, STRATIGRAPHIC

Danian stage in the Nagorno-Karabakh Autonomous Area (Lesser Caucasus) [in Azerbaijani with summary in Russian] Kh Alizulla, A A. Bairamov. Dokl AN Azerb SSR 17 no 9,809-817 '61.

MARX, KARL, 1818-1883

First edition of "Capital" in Russia V. Utkov Sov knizh. torg. 14 no. 3 12-14 Mr '62.

MARX, KARL, 1818-1883—BIBLIOGRAPHY see Bibliography—Marx, Karl, 1818-1883

MARX, KARL, 1818-1883—MONUMENTS

To a thinker and fighter. L. Belogorlova. Iskusstvo 25 no. 2:8-12 '62.

MARX FAMILY

"Daughters of Marx" by O. B. Vorobieva, I. M. Smelitskova. Reviewed by Galina Serebriakova. V mire knig 2 no.2 6 F '62.

MARX IN LITERATURE AND ART

Pogodin, N. F., G. I. Serebriakova, and M. P. Prilezhaeva [Great personalities] Velikie obrazy. Moskva, Izd-vo "Znanie," 1962. 31 p. (Novoe v zhizni, nauke, tekhnike Seriia 6 Literatura i iskusstvo, no. 1)

MASONRY

Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Norms and technical specifications for designing masonry and fill of ordinary blocks for marine hydraulic structures (SN 105-60)] Normy i tekhnicheskie usloviia proektirovaniia kladki i nabroski iz obyknovennykh massivov v morskikh gidrotekhnicheskikh sooruzheniiakh (SN 105-60). Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 14 p.

MASONS (SECRET ORDER) see Freemasons

MASS SPECTROMETRY

Dissociation of CH_4^+, CH_3^+, CH_2^+, CH^+, H_2O^+, OH^+ ions as a result of single collisions with atoms and molecules of various gases S. E. Kuprianov Kin i kat 3 no 1 13-17 '62

The MSKh-3 transit-time mass spectrometer "Khronotron" Prib i tekh eksp 7 no. 1 211 Ja-F '62

MASS SPECTROMETRY—EQUIPMENT AND SUPPLIES

Simplified device for mass spectrometric microdetermination of stable isotopes [with summary in English]. L. P. Bichin, I. V. Alekseev. Vop. med. khim. 7 no.4 437-441 Jl-Ag '61.

Temperature stabilyzer for the effusion chamber of the ion source of a mass-spectrometer T. P. Georgobiani Prib. i tekh. eksp. 7 no 1 133-136 Ja-F '62

MASS TRANSFER

History of the science of heat and mass transfer; John Dalton's works. L. S. Kliachko, T. P. Zhorovovich. Inzh.-fiz. zhur. 5 no. 3:133-138 Mr '62.

Most important problems in the science of mass and energy transfer Inzh.-fiz zhur. 5 no. 1 3-6 Ja '62.

MASSAGE

Elimination of prosecrin-induced bronchospasm by air massage of the lungs in an experiment, preliminary report [with summary in English]. N. F. Mistakopulo Grud. khir. 1 no. 4 80-87 Jl-Ag '59

MATCHES

Bystrov, G. P. [Technology of match manufacture] Tekhnologiia spichechnogo proizvodstva. Moskva, Goslesbumizdat, 1961. 219 p.

MATERIA MEDICA

Studying the oxidation resistance of fat bases enriched with vitamin F R. S. Gershentsvit, B. D. Akkerman Trudy Len. khim.-farm. inst. 12 173-178 '61.

MATERIALS—TESTING

Determination of true resistance to deformation in compression tests I. M. Pavlov, I. V. Ushakov Zav. lab. 28 no. 2 224-225 '62

Method for investigating stress relaxation in tensile testing in a rigid-body frame B. M. Rakhman Zav. lab. 28 no. 2 209-211 '62

MATERIALS, LAMINATED see Laminated materials

MATERIALS HANDLING

[Advanced work methods for workers engaged in freight operations] Peredovye metody truda rabotnikov gruzovogo khoziaistva Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961 91 p.

Bel'skii, V. I., and A. V. Kudriavtsev. [Transporting materials in large units in connection with the construction of industrial furnaces] Transportirovanie materialov v paketakh pri stroitel'stve promyshlennykh pechei Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961 136 p.

Organization of multiplant transportation work S. Ruchin. Sots. trud 7 no. 3 117-119 Mr '62.

MATERIALS HANDLING—ABSTRACTS

[Industrial transportation] Ref. zhur. Prom. transp. nos. 1-3 Ja-Mr '62.

MATERNAL AND INFANT WELFARE

Concern for the newborn K Batygin Sov profsoiuzy 18 no 5 46-47 Mr '62

"Rights of a mother and a child in the U S S R" by O F. Kopelianskaia Reviewed by E D Zabludovskaia Med sestra 21 no 3 60 Mr '62

"Rights of mother and child in the U S S R" by S F Kopelianskaia Reviewed by E D Zabludovskaia Doshk. vosp. 35 no 3 110 Mr '62

MATHEMATICAL ANALYSIS

Dermant, A. F. [Brief course in mathematical analysis for technical institutes] Kratkii kurs matematicheskogo analiza dlia vtuzov. Pri redaktsionnom uchastii I. G. Aramanovicha Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 663 p.

Grebenchа, M. K., and S. I. Novoselov. [Course in mathematical analysis] Kurs matematicheskogo analiza. Izd. 3, Moskva, Gos. izd-vo "Vysshaia shkola" Pt. 2. 1961 560 p.

MATHEMATICAL INDUCTION see Induction (Mathematics)

MATHEMATICAL LINGUISTICS

Mathematical methods in linguistics R. L. Dobrushin Mat pros no 6 47-60 '61

MATHEMATICAL PHYSICS

Koshliakov, N. S., E. B. Gliner, and M. M. Smirnov. [Differential equations in mathematical physics] Differentialnye uravneniia matematicheskoi fiziki. Pod obshchim rukovodstvom N. S. Koshliakova. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1962. 767 p.

Rigorous solution to the freezing problem in the case of arbitrary temperature variation at a fixed boundary. I. G. Portnov. Dokl AN SSSR 143 no 3,559-562 Mr '62.

MATHEMATICAL RECREATIONS

Mathematical mosaic. Nauka i zhizn' 29 no 2 60-61 F '62.

MATHEMATICAL SOCIETIES see subdivision under Leningrad

MATHEMATICAL STATISTICS

Ezhov, A. I. [Flattening and calculation of distribution series] Vyravnivanie i vychislenie riadov raspredelenii. Moskva, Gosstatizdat, 1961. 335 p

Leont'ev, N. L. [Technique of statistical calculations] Tekhnika statisticheskikh vychislenii. Moskva, Goslesbumizdat, 1961. 231 p.

Mises' theorem on the asymptotic behavior of functionals of empirical distribution functions and its statistical applications [with summary in English] A. A. Filippova Teor. veroiat. i ee prim 7 no 1 26-60 '62.

Probability of large values of nonparametric unilateral criteria of concordance. N. V. Smirnov. Trudy Mat. inst. 64:185-210 '61.

MATHEMATICS
(see also subdivision under Kazakhstan)

Alphabetical index of scientific papers read at meetings of the Moscow Mathematical Society April 2, 1946 to May 24, 1960 Usp. mat. nauk 16 no 6:247-288 N-D '61.

Apropos of V. L. Merkulov's article, "Materials on I. P. Pavlov's attitude towards the use of mathematical methods in studying problems in digestion and higher nervous activity." V. Fedorov Zhur nevr. i psikh 62 no. 3:478-479 '62.

Fourth All-Union Mathematical Congress. V. V. Petrov. Usp. mat. nauk 17 no 1:261-264 Ja-F '62

"History of mathematics in the Middle Ages" by A. P. Ushkevich. Reviewed by V. N Molodshii. Mat. v shkole no. 2, 73-76 Mr-Ap '62.

Kol'man, E., and A. P. Ushkevich. [Mathematics before the Renaissance] Matematika do epokhi Vozrozhdeniia. Moskva, Gos. izd-vo fiziko-matem lit-ry

[Book 2] Ushkevich, A. P. [History of mathematics in the Middle Ages] Istoriia matematiki v Srednie veka. 1961 448 p.

List of scientific papers read at meetings of the Moscow Mathematical Society, chronologically arranged from April 2, 1946 to May 24, 1960 Usp mat nauk 16 no 6 198-246 N-D '61

Mathematics is a powerful instrument of knowledge O Parasiuk, IU Frokhmchuk Nauka i zhyttia 11 no 2 12-13 F '62

[Mathematics, translations of foreign articles] Matematika, period. sbor. perev. inostr. st. 6 no. 1 '62.

Meetings of the Leningrad Mathematical Society Usp mat nauk 17 no 1 249-258 Ja-F '62

Meetings of the Ural Mathematical Society Usp mat nauk 17 no 1 249-259 Ja-F '62

MATHEMATICS—ABSTRACTS

[Mathematics] Ref. zhur. Mat no. 3 '62.

MATHEMATICS—AUDIO-VISUAL AIDS

Gromov, A. P. [Filmstrips and motion pictures in mathematic lessons in secondary schools, teachers' manual] Diafil'my i kino na urokakh matematiki v srednei shkole, posobie dlia uchitelei Moskva, Gos. uchebno pedagog. izd-vo M-va prosv. RSFSR, 1961. 94 p.

MATHEMATICS—BIBLIOGRAPHY see Bibliography—Mathematics

MATHEMATICS—COMPETITIONS
(see also subdivision under Moscow)

Organizing mathematical contests V S. German Mat v shkole no 2 59-61 Mr-Ap '62

Reports on mathematics olympiads for students K Spatar, IU K Vasilenko, A S Kovan'ko Mat pros no 6 311-314 '61

MATHEMATICS—CONGRESSES

Fourth All-Union Mathematics Congress. V N Molodshi Mat v shkole no 2 83-84 Mr-Ap '62

MATHEMATICS—CURIOSA AND MISCELLANY

News on mathematics P Erdesh and others Mat pros no. 6 315-327 '61

MATHEMATICS—DICTIONARIES

Ancient mathematical encyclopedias A Markushevich Mat pros no 6 236 266 '61

MATHEMATICS—EXAMINATIONS, QUESTIONS, ETC.

Errors and shortcomings in students' answers on final examinations. V P Berchanskii. Mat v shkole no. 2 49-50 Mr-Ap '62

MATHEMATICS—HISTORY

Seminar on the history of mathematical sciences of the Institute of Mathematics of the Academy of Sciences of the Ukrainian S S R for the past five years V A Dobrovol'skii Ukr. mat. zhur. 14 no. 1 113-115 '62

MATHEMATICS—PERIODICALS

Jubilee of the journal "Uspekhi matematicheskikh nauk", twenty-five years since the publication of the first issue Usp. mat. nauk 16 no 6:3-10 N-D '61

MATHEMATICS—PERIODICALS—INDEXES

Index of articles published in "Uspekhi matematicheskikh nauk" during the years 1936-1960, volumes 1-15. Usp. mat. nauk 16 no. 6:11-198 N-D '61.

MATHEMATICS—PROBLEMS, EXERCISES, ETC.

Brief notes R. G. Bing and others Mat pros no 6 205-216 '61

Brief notes. V. A Efremovich and others Mat pros. no 6 255-265 '61

Lidskii, V. B., and others [Problems in elementary mathematics] Zadachi po elementarnoi matematike. Izd. 2., stereotipnoe. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1962. 463 p.

Problems Mat pros no 6, 329-336 '61.

Problem on Young's circle for a sphere IU. D Burago Mat pros. no 6 165-169 '61.

Solution of problems published in no. 2, 1961 Mat v shkole no. 2 90-95 Mr-Ap '62.

Solutions of problems Mat. pros no 6 337-353 '61

Unsolved problem of P. Erdesz Mat pros no 6 354 '61

What it means "to solve a problem." A. I Ostrovskii Mat. v shkole no 2-86-89 Mr-Ap '62

MATHEMATICS—STUDY AND TEACHING
(see also subdivision under Grodno; Norway; Rumania, United States)

Chukanisov, S. M. [Laboratory works on mathematics; manual for teachers] Laboratornye raboty po matematike, posobie dlia uchitelei Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961 102 p.

Conference and seminar of mathematics teachers. Mat. v shkole no. 2,15 Mr-Ap '62.

Development of independence and initiative in students in extracurricular work on mathematics B N. Belyi, A. M Bernshtein Mat. v shkole no. 2 57-59 Mr-Ap '62

MATHEMATICS – STUDY AND TEACHING (Continued)

Editor's mail. F. Gutkovskii. Mat v shkole no 2 45-46 Mr-Ap '62

Educational influence of mathematics lessons. A. I. Khinchin. Mat pros no 6 7-24 '61

Let's reinforce the first successes and insure further progress. E. I. Afanasenko. Mat v shkole no. 2 1-2 Mr-Ap '62.

Organizing the work of a mathematics teacher on the improvement of his professional qualifications. A. S. Bugai. Rad shk 40 no 3 70-75 Mr '62

"Pedagogics of mathematics" [in French] by Andre Fouche. Reviewed by I. U. M. Gaiduk. Mat pros no 6 363-370 '61

Quality of mathematical knowledge retained by secondary graduates. V. I. Mishin. Mat v shkole no 2, 47-48 Mr-Ap '62.

Stimulating students' attention (in teaching mathematics) Report No 2. Variation in signal value of the individual components of knowledge. G. V. Kalmakchi. Dokl AFN 5 no. 4 31-34 '61

Training mathematics teachers according to the new programs. L. M. Volov. Mat v shkole no. 2 82 Mr Ap '62

Urgent problems of teaching mathematics in schools. A. I. Markushevich. Mat v shkole no 2 3-11 Mr-Ap '62.

Work of the mathematics teachers' committees on methods. V. IA. TSeputit. Mat v shkole no 2 80-82 Mr-Ap '62.

MATHEMATICS—TEXTBOOKS
(see also subdivision under Bulgaria)

What is expected from mathematics textbooks. Mat v shkole no 2, 63-64 Mr-Ap '62

MATHEMATICS—YEARBOOKS

Mathematics calendar for the 1961-1962 school year. Mat v shkole no 2 84-85 Mr-Ap '62

MATRICES

Cardinal number of a set of sequences linearly independent with respect to a relatively regular matrix. I. I. Ogievetskii. Usp. mat. nauk 17 no. 1 209-213 Ja-F '62

Integral representation of Hermitian indefinite matrices with χ negative squares [with summary in English] V. I. Plyushcheva. Ukr. mat. zhur. 14 no. 1 30-39 '62

Matrix elements of irreducible representations of the Lorentz group. L. D. Eskin. Izv. vys. ucheb. zav., mat. no. 6 180-184 '61.

A method for improving the conditioning of matrices of normal equations. A. P. Tishchenko. Izv. vys. ucheb. zav., geod. i aerof. no. 5 37-46 '61

Oscillatory properties of fundamental functions in third-order boundary value problems. P. D. Kalafati. Dokl. AN SSSR 143 no. 3, 518-521 Mr '62.

Some methods for solving the complete problem of eigenvalues. V. V. Voevodin. Zhur. vych. mat. i mat. fiz. 2 no. 1 15-24 Ja-F '62

Theory of periodic and asymptotically periodic Jacobi matrices. P. B. Naiman. Dokl. AN SSSR 143 no. 2 277-279 Mr '62.

MATVEEVA, DAR'IA MATVEEVNA

Dar'ia Matveevna Matveeva. Med. sestra 21 no. 1 61 Ja '62

MAXILLARY SINUS—DISEASES

Uvarov, V. M. [Odontogenic highmoritis] Odontogennye gaimority. [Leningrad] Medgiz, 1962. 7.. p. (Biblioteka prakticheskogo vracha)
(DNLM)

MAYMECHA VALLEY—GEOLOGY

Preliminary results of the field work of the Maymecha Expedition, 1959. D. I. Anikeeva and others. Inform. biul. NIIGA no 16 42-45 '59

MEADOW GRASS see subdivision under Carpathian Mountain region

MEASLES

Shroit, I. G. [Experimental measles; its pathomorphology and pathogenesis] Eksperimental'naia kor'; patomorfologiia i patogenez. Kishinev, Gos. izd-vo "Kartia moldovenieske," 1961. 134 p.
(DNLM)

MEASUREMENTS, ELECTRONIC see Electronic measurements

MEASURING INSTRUMENTS

Bed position meter. I. I. Tulaev. Sbor. nauch. trud. Kaz GMI no. 19:217 '60.

Equipment for mazut accounting (to be continued). Prom. energ. 17 no. 2, 55 F '62

MEASURING INSTRUMENTS—ATTACHMENTS

Levitskii, V. N. [Attachments for measuring instruments and tools] Prisposobleniia k izmeritel'nym priboram i instrumentu; iz opyta raboty izmeritel'noi laboratorii zavoda "Vulkan." Leningrad, 1962. 30 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Kontrol' kachestva produktsii, no. 3)

MEASURING INSTRUMENTS—TESTING

Visiting brigades from the laboratory for measuring equipment. IU. L. Prilipko. Vest. protivovozd. obor. no 12 19-20 D '61

MEAT
(see also subdivision under Chuya Valley)

Hygroscopic properties and gelatinization of the muscle tissue of fish and slaughtered warm-blooded animals [with summary in English]. F. S. Okolov, S. Kh. Nikolov. Vop. pit. 21 no. 2, 50-56 Mr-Ap '62.

Mineral composition of the muscle tissue of meat and verification of the correlation between its content of mineral elements and protein [with summary in English] E. N. Vasil'eva, N. E. Diubiuk, T. D. Lychnikova. Vop. pit. 21 no. 2, 56-60 Mr-Ap '62

MEAT INDUSTRY—BIBLIOGRAPHY see Bibliography—Meat industry

MECHANICAL BRAINS see Cybernetics

MECHANICAL DRAWING

Gonchar'enko, G. T. [Reading and detailing of working drawings] Chtenie i detalirovka sborochnykh chertezhei. Moskva, Mashgiz, 1961. 67 p.

Sberegaev, N. P. [Concise handbook on descriptive geometry and mechanical drawing] Kratkii spravochnik po nachertatel'noi geometrii i mashinostroitel'nomu cherchen'iu. Moskva, Mashgiz, 1962. 214 p.

MECHANICAL DRAWING—STUDY AND TEACHING

Merzon, E. D. [Collection of problems on mechanical drawing] Zadachnik po mashinostroitel'nomu cherchen'iu. Pod red. N. N. Ivanova. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 217 p.

Pugachev, A. S. [Standard print inscriptions on drawings] Nadpisi na chertezhakh standartnym shriftom. Izd. 4., perer. i dop. [Leningrad] Gos. soiuznoe izd-vo sudostroit. promyshl., 1961. 117 p.

Reading drafts and production. I. Volkov. Shkola i proizv. 6 no. 1 85-86 Ja '62.

Reading drafts in mechanical drawing lessons. P. Perepelkin. Shkola i proizv. 6 no. 1 84-85 Ja '62.

MECHANICAL ENGINEERING

Kolchin, N. I. [Mechanical engineering] Mekhanika mashin. Moskva, Mashgiz.
Vol. 1. [Structure and kinematics of mechanisms. Geometrical and kinematic analysis and synthesis of mechanisms] Struktura i kinematika mekhanizmov, geometricheskii i kinematicheskii analiz i sintez mekhanizmov. Izd. 2., perer. 1962. 549 p.

Livovskii, P. G. [Manual for mechanics in metallurgical plants] Spravochnoe rukovodstvo mekhanika metallurgicheskogo zavoda. Izd. 4., ispr. i dop. Sverdlovsk, Metallurgizdat, 1961. 1105 p.

MECHANICAL ENGINEERING—BIBLIOGRAPHY see Bibliography—Mechanical engineering

MECHANICAL ENGINEERING—PROBLEMS, EXERCISES, ETC

Mosolov, K. V. [One hundred problems for a young designer and inventor] 100 zadach dlia molodogo konstruktora i izobretatelia. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1961. 78 p.

MECHANICAL ENGINEERING—STUDY AND TEACHING

"Machine parts" by V. N. Bokov. Reviewed by N. A. Kryiov and others. Vest. vys. shkoly 20 no. 2 95-96 F '62

Work training of 9th grade students for the occupation of industrial equipment fitter. I. K. Podolinitsyn. Shkola i proizv. 6 no. 1, 24-32 Ja '62.

MECHANICAL MOVEMENTS

Kolchin, N. I. [Mechanical engineering] Mekhanika mashin. Moskva, Mashgiz.
Vol. 1. [Structure and kinematics of mechanisms. Geometrical and kinematic analysis and synthesis of mechanisms] Struktura i kinematika mekhanizmov, geometricheskii i kinematicheskii analiz i sintez mekhanizmov. Izd. 2., perer. 1962. 549 p.

MECHANICAL WEAR

Kragel'skii, I. V. [Friction and wear] Trenie i iznos. Moskva, Mashgiz, 1962. 382 p.

Metallographic investigation of products of the wear of a steel-cast iron friction coupling. A. P. Antonov. Metalloved. i term. obr. met. no. 2, 42-43 F '62.

MECHANICS
(see also subdivision under Ukraine)

Grigor'ian, A. T., and V. P. Zubov. [Essays on the development of basic concepts in mechanics] Ocherki razvitiia osnovnykh poniatii mekhaniki. Moskva, Izd-vo Akad. nauk SSSR, 1962. 272 p.

Tiulina, I. A., and E. N. Rakcheev. [History of mechanics; manual] Istoriia mekhaniki; uchebnoe posobie. [Moskva] Izd-vo Mosk. univ., 1962. 227 p.

Voronkovas, Borisas, and Mikalojus Remisauskas. [Theoretical mechanics] Teorine mechanika. Red. V. Sugurovas. Vilnius, Valstybine politines ir moksliines literatures leidykla, 1961. 782 p. [In Lithuanian]

MECHANICS—ABSTRACTS

[Mechanics] Ref. zhur. Mekh. no. 3 '62.

MECHANICS, ANALYTIC

Determination of periodic motions of conservative systems with one degree of freedom. T. F. Ivanov. Dokl. AN SSSR 143 no 2 297-300 Mr '62

Formulation of the problem of the stability of mine workings. I. V. Elishov. Dokl. AN SSSR 143 no 2, 305-307 Mr '62

On a limiting case in the theory of periodic solutions of Liapunov's systems. I. M. Volk. Izv. vys. ucheb. zav., mat. no 6, 9-15 '61

Some regularities characterizing a pseudoliquefied layer and a constrained fall [with summary in English]. I. F. Gupalo. Inzh.-fiz. zhur. 5 no 1 90-98 Ja '62

MECHNIKOV, IL'IA IL'ICH, 1845-1916

"Manuscripts and documents of I. I. Mechnikov." Reviewed by B. D. Pettov. Zhur. mikrobiol., epid. i immun. 33 no. 1 130-131 Ja '62

MEDIASTINUM—CANCER

Malignization of congenital cysts of the lungs and the mediastinum [with summary in English]. V. S. Gankov, A. I. Zikeeva. Grud. khir. 3 no. 1, 105-108 Ja-F '61

Neuroblastomas of the mediastinum in neonates and nursing children [with summary in English]. F. A. Stepanov. Vop. okh. mat. i det. 6 no 12 10-16 D '61

MEDIASTINUM—DISEASES

Treatment of acute purulent mediastinitis in perforation of the esophagus in children. G. A. Baitov. Vest. khir. no. 3, 19-25 '62.

MEDIASTINUM—TUMORS

Benign tumors and cysts of the mediastinum in children [with summary in English]. G. A. Baitov. Grud. khir. 1 no. 5, 98-92 S-O '59.

Bronchogenic mediastinal cysts [with summary in English]. A. G. Karavanov, Z. M. Gorbunova. Grud. khir. 1 no 3, 98-102 My-Je '59.

Clinical and roentgenological characteristics of tumors of lymph nodes of the mediastinum. Sh. M. Mirgaziev. Med. zhur. Uzb. no. 4 60-63 Ap '60

Diagnosis and surgical treatment of dermoid cysts of the mediastinum [with summary in English]. I. S. Lushnikov. Grud. khir. 2 no. 1, 94-98 Ja-F '60

Technic for a surgical approach to endocrine tumors of the anterior mediastinum. V. I. Kolokhov. Vest. khir. no. 8, 14-17 '61.

Tumors of the mediastinum in children [with summary in English]. I. G. Dubeikovskaia. Grud. khir. 3 no. 5, 93-99 S-O '60.

MEDIASTINUM—ULCERS

Perforation of a peptic ulcer of the esophagus into the posterior mediastinum with ulcerous stenosis of the pylorus. M. A. Kozlov. Khirurgiia no 3, 120-121 '62.

MEDICAL CARE
(see also subdivision under Czechoslovakia)

Let us improve medical service for the population. V. Snezhko. Zdrav. Bel. 8 no. 1, 9-11 Ja '62.

Sal'nykov, IE. P. [General care of patients] Zahal'nyi dohliad za khvorymy. Kyiv, Derzh. med. vyd-vo URSR, 1961. 201 p.
(DNLM)

MEDICAL CLIMATOLOGY see Climatology, Medical

MEDICAL COLLEGES see subdivision under Moscow; Ukraine

MEDICAL ELECTRONICS

The fire of inspiration never ceases burning. M. Skorbila. Radio no. 3, 7-8 Mr '62

MEDICAL EMERGENCIES

Anesthesia in emergency surgery on organs of the abdominal cavity. D. I. Volpert, L. N. Ilishova, I. N. Lazareva. Vest. khir. no. 3, 85-90 '62.

Endotracheal anesthesia in emergency surgical operati[illegible]. L. S. Dzhakson. Zdrav. Kazakh. 22 no. 1, 11-15 '62

MEDICAL GEOGRAPHY

[illegible] 20-[illegible]

[illegible]

bolezni i voprosy parazitologii; trudy. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR.
No. 3, 1961. 666 p.
(DNLM)

MEDICAL GEOGRAPHY—ABSTRACTS

[Medical geography] Ref. zhur. Otd. vyp. 36: Med. Geogr. nos. 1-3 Ja-Mr '62.

MEDICAL GYMNASTICS see Exercise therapy

MEDICAL HELMINTHOLOGY

Biziulevicius, Stasys. [Basic human helminth diseases and their control] Pagrindines zmogaus helmintozes ir kova su jomis. Vilnius, Valstybine politines ir moksliines literatures leidykla, 1961. 149 p. (Gydytoja praktiko biblioteka) [In Lithuanian]
(DNLM)

MEDICAL INSTRUMENTS AND APPARATUS

Exhibition of new equipment at the All-Union Research Institute of Medical Instruments and Equipment. B. V. Boldyrev Med prom 15 no 6 60-61 Je '61

Standardization of the structural elements of medical instruments L. P Zhigar, A. M Golovina Med prom 15 no 6 12-14 Je '61

MEDICAL INSTRUMENTS AND APPARATUS—CATALOGS

New catalog, "Medical instruments, devices, apparatus and equipment." Reviewed by L I Faingol'd. Med prom. 16 no.2;62 F '62.

MEDICAL INSTRUMENTS AND APPARATUS—REPAIRING

Workers engaged in the repair of medical equipment exchange their experience Z. A Grinberg. Fel'd i akush 27 no 2 44 F '62

MEDICAL INSTRUMENTS AND APPARATUS—STANDARDS

Technical standards are an important aid in improving the quality of medical articles. M.I. Babchinitser, L.A.Kovsharova. Med prom. 16 no.1 7-10 Ja '62.

MEDICAL JURISPRUDENCE see subdivision under Uzbekistan

MEDICAL LABORATORIES

Germanov, V. A., and O. N. Piksanov. [Methods of laboratory research; a short textbook] Metodika laboratornykh issledovanii; kratkoe posobie. [Kuibyshev] Kuibyshevskoe knizhnoe izd-vo, 1961. 91 p. (DNLM)

MEDICAL LABORATORIES—BIBLIOGRAPHY see Bibliography—Medical laboratories

MEDICAL LAWS AND LEGISLATION

Legal consultation A. V. Rott Vrach delo no. 2,154-155 F '62

MEDICAL LIBRARIES

Making the wealth of the State Medical Library available for the health protection of the Soviet people. I. T. Kovalenko. Zdrav. Ros. Feder. 6 no. 1,26-29 Ja '62.

Problems in the preparation and advanced training of library workers in medical libraries. Z. N. Zamkova. Sov. zdrav. 21 no. 2,50-52 '62.

MEDICAL MICROBIOLOGY

The Lenin course to communism. Zhur. mikrobiol., epid. i immun. 33 no. 1,3-5 Ja '62.

MEDICAL MICROBIOLOGY—BIBLIOGRAPHY see Bibliography—Medical microbiology

MEDICAL PERSONNEL
(see also subdivision under White Russia)

Brief news. Kaz. med. zhur. no. 5;98-102 S-O '61.

Feldshers and the services rendered by them on the sanitary-epidemiological front, brief historical review. N. A. Bogolavlenskii. Fel'd. i akush. 27 no. 1 44-49 Ja '62.

Legal control of the work of a sanitary feldsher at a rural district hospital. M. M. Trubchannikov. Fel'd. i akush. 27 no. 1;59-61 Ja '62.

Privileges granted to medical workers with respect to living quarters, social security, and agricultural taxation M. M. Trubchannikov. Fel'd. i akush. 27 no. 2, 59-61 F '62.

Rodionova, E. I. [Essays on the history of the trade-union movement among medical workers] Ocherki istorii professional'nogo dvizheniia meditsinskikh rabotnikov. Moskva, Medgiz, 1962. 247 p.

Work of judging commissions. G. D. Rudenko. Sov. kras. krest 11 no. 4;32 Jl-Ag '61.

MEDICAL RADIOLOGY see Radiology, Medical

MEDICAL RECORDS

New forms of registration work. V. F. Stranev. Zdrav. Ros. Feder. 6 no. 2,35-37 F '62.

Urgent problems in modifying reports and records of stomatological services to the public. G. V. Bazilian, G. A. Novgorodtsev. Zdrav. Ros. Feder. 6 no. 1;14-18 Ja '62.

MEDICAL RESEARCH
(see also subdivision under Uzbekistan)

Operation "Research." E. N. Meshalkin Nauka i zhizn' 29 no. 1;41 Ja '62.

MEDICAL RESEARCH—CONGRESSES

First conference of young scientists at the Institute of Experimental Biology and Medicine of the Siberian Branch of the Academy of Sciences of the U. S. S. R. V. V. Melekhov, V. Iu. Ostrovskii, V. S. Sergievskii. Izv. Sib. otd. AN SSSR no. 1;111-113 '62.

MEDICAL SCREENING

Comparative evaluation of various methods for the detection of persons sick with malaria in Tajikistan. E. I. Fastovskaia, A. K. Ivanenko. Sbor. rab. po mal. i gel'mint. no. 2;21-24 '59.

MEDICAL SOCIETIES see subdivision under Tashkent Province

MEDICAL STATISTICS

Methods for analyzing the work of a municipal hospital. E. V. Zhuravleva, V. K. Ovcharov. Zdrav. Ros. Feder. 6 no 1 15-19 Ja '62.

Patients visits as units of statistical accounting. L. A Rutkovskii. Zdrav. Ros. Feder. 6 no. 1 24-25 Ja '62.

MEDICAL SUPPLIES

Improving the work of the medical industry. Med. prom. 16 no. 1 3-6 Ja '62.

MEDICINAL PLANT INDUSTRY see Botanical drug industry

MEDICINE
(see also subdivision under China; Latvia, Turkey; United States)

Approbation of new methods of treatment. P. V Kozhevnikov. Sov. zdrav. 21 no. 2 34-38 '62.

Article, "Medicine," in Bol'shaia meditsinskaia entsiklopedia, Vol. 11. Reviewed by V. I. Selivanov Sov. zdrav 21 no. 3;93-95 '62

Borodulin, F. R. [History of medicine; selected lectures] Istoriia meditsiny; izbrannye lektsii. Moskva, Medgiz, 1961. 251 p. (DNLM)

"History of Soviet medicine Materials for the course on the history of medicine in medical institutes and postgraduate institutes for doctors. Part I. The period before 1917" by P E Zabludovskii. Reviewed by V. A. Nevskii and IU. P. Lisitsyn. Sov. zdrav. 21 no. 2;85-88 '62.

"History of Soviet medicine. Materials for the course on the history of medicine in medical institutions and institutions for postgraduate study for physicians. Part I. The period up to 1917" by P E Zabludovskii Reviewed by S. M. Danilushevskii. Sov. med 25 no 2 153-154 F '62.

Latvia's medical relations with Russia in the 18th century. F. F. Grigorash. Sov. zdrav. 21 no. 2;72-75 '62.

Significant and anniversary dates in the history of medicine July. Sov. zdrav. 21 no. 2 75-77 '62.

Significant and anniversary dates in the history of medicine for 1962; August. Sov. zdrav. 21 no. 3;72-74 '62

MEDICINE—ABSTRACTS

[Medical abstracts] Med. ref. zhur. sect. 1 vol. 6 no. 3 Mr '62; sect. 2 vol. 6 nos. 3-4 Mr-Ap '62, sect. 3, vol. 6 no. 4 Ap '62, sect. 5 nos. 3-4 Mr-Ap '62, sect. 6 vol. 6 nos. 3-4 Mr-Ap '62; sect. 8 vol. 6 no. 3 Mr '62; sect. 9, vol. 6 nos. 2-3 F-Mr '62, sec. 10 vol. 6 no. 3 Mr '62.

Resumés. Sov. med. 25 no. 2,151-152 F '62.

MEDICINE—BIBLIOGRAPHY see Bibliography—Medicine

MEDICINE—CONGRESSES

Brief news. Kaz. med. zhur. no. 5;98-102 S-O '61

MEDICINE—DICTIONARIES

"Popular medical encyclopedia." Reviewed by IA. Akodus. Sov. kras. krest 11 no. 4;32 Jl-Ag '61

"Popular medical encyclopedia." Reviewed by N. A. Bogolavlenskii. Fel'd i akush. 27 no. 1 62-63 Ja '62

Russian-Azerbaijani medical terminology [the letter S]. Azerb. med. zhur. no 12 36-40 D '61.

Subjects concerning physical training and sports as handled in the Great Medical Encyclopedia IU. V. Bukin Teor. i prak fiz. kul't. 25 no 1;57-59 Ja '62.

MEDICINE—STUDY AND TEACHING
(see also subdivision under Bukovina)

"Seventy-five years of the Leningrad S. M. Kirov State Institute of Postgraduate Study for Physicians (1885 - 1960)." Reviewed by V. A. Nevskii. Sov. zdrav 21 no. 3;87 '62.

MEDICINE, ELECTROLYSIS IN see Electrolysis in medicine

MEDICINE, INDUSTRIAL

Kaziov, M. IA. [Public control over medical service to the workers] Obshchestvennyi kontrol' za meditsinskim obsluzhivaniem trudiashchikhsia. [Moskva] Izd-vo VTsSPS Profizdat, 1962. 98 p.

Medical service for workers of industrial enterprises. Med. sestra 21 no. 1;3-7 Ja '62.

Oxygen therapy in cardiovascular diseases in workers of industrial enterprises. V. S. Volkov Fel'd i akush. 27 no. 1.26-29 Ja '62.

MEDICINE, INDUSTRIAL—STUDY AND TEACHING

Teaching occupational pathology in medical institutes [with summary in English]. S. I. Ashbel' Gig truda i prof. zab. 4 no 2 38-40 F '60.

MEDICINE, INTERNAL

Mlasnikov, A. L., ed. [Handbook of internal diseases] Rukovodstvo po vnutrennim bolezniam. Leningrad, Medgiz.

Vol. 5. Tushinskii, M. D. [Diseases of the respiratory system] Bolezni sistemy dykhaniia. Pod red. A. IA. T'Sigel'nika. 1960. 308 p. (DNLM)

Radioactive isotopes in the diagnosis and treatment of diseases of the internal organs. L. V. Vologo. Zdrav. Bel. 8 no. 1;20-24 Ja '62.

MEDICINE, MILITARY

Methods of the establishment of Soviet military medicine during the years of the revolution (on the anniversary of the Soviet Army and Navy). A. S Georgievskii, B M. Potulov Sov. zdrav 21 no 2;59-63 '62

MEDICINE, POPULAR

Plants used in popular medicine in the Karachay-Cherkess Autonomous Area R M Seredin, G N Kadaev. Trud, Len khim.-farm. inst 12 367-382 '61.

MEDICINE, PREVENTIVE

New stage in the development of a prophylactic trend in Soviet public health Sov zdrav. 21 no 3-3-8 '62

Problem of prevention under the conditions of the extensive building of a communist society M. I. Barsukov. Sov. zdrav 21 no 3,7-11 '62

Public councils in preventive medicine institutions. V. A. Lisenkova, D. I Skotnikov, I. Orunev. Sov. zdrav. 21 no 3;52-56 '62.

MEDICINE, PSYCHOSOMATIC—CONGRESSES

First Congress of Psychosomatic Medicine of French-speaking countries O Janota, C. Michalova Zhur nevr. i psikh 62 no 3;469-471 '62

MEDICINE, RURAL

How to bring medical care closer to the rural population M P. Vladimirov Fel'd i akush 27 no 1 50-52 Ja '62

Legal control of the work of a sanitary feldsher at a rural district hospital M M Trubchannikov. Fel'd i akush 27 no 1 59-61 Ja '62

MEDICINE, TIBETAN

Use of Transbaikalian plants in Tibetan medicine. A P Guseva. Trudy Len. khim.-farm. inst. 12 363-366 '61

MEDICINE IN SPORTS see Sports medicine

MEDITERRANEAN SEA—MARINE BIOLOGY

Some results of research completed by the Sevastopol Biological Station in the Mediterranean Sea during 1956-60. V. A. Vodianitskii. Okeanologiia 1 no. 5; 791-804 '61

MEDITERRANEAN SEA—WATER—COMPOSITION

Some data on the study of interstitial waters in the Marmara and Mediterranean Seas E. M. Emil'ianov, V. D. Chumakov Dokl. AN SSSR 143 no. 3;701-704 Mr '62.

MEDITERRANEAN SEA REGION—ARCHAEOLOGY

Some problems in the history of the eastern part of the Mediterranean Sea Region in connection with the Indo-European problem N IA Merpert Krat soob. Inst arkheol. no 83 3-8 '61

MEDITERRANEAN SEA REGION—BOTANY

Development of some coenotypes of flora of the ancient Mediterranean Sea region in relation with the Alpine orogenesis. E. M. Lavrenko. Trudy TashGU no 187; 17-27 '61.

MEERSON, GRIGORII ABRAMOVICH, 1901-

Grigorii Abramovich Meerson, on his 60th birthday. Izv. vys. ucheb. zav., tsvet. met. 5 no. 2;158-159 '62.

MEGRI DISTRICT—BOTANY

Materials on the flora and vegetation plants of quaking spring bogs of Chknavor, Megri District, Armenian S S.R. IA. I. Mulkidzhanian, A. M. Baraegian, Sh. G Aslanian Izv. AN Arm. SSR. Biol nauki 15 no. 2;51-70 '62.

MEIERKHOL'D, VSEVOLOD EMIL'EVICH, 1874-1942

Rostotskii, B. I. [Stage-directing activities of V. E. Meierkhol'd] O rezhisserskom tvorchestve V. E. Meierkhol'da. Moskva, Vseros. teatral'noe ob-vo, 1960. 99 p. (RPB)

MEISEL', MAKSIM NIKOLAEVICH, 1901-

Maksim Nikolaevich Meisel', on his 60th birthday Mikrobiologiia 31 no 1;189-191 Ja-F '62.

MELANOIDINS

Formation of dark-colored substances in plants poisoned by salts B. P. Strogonov, N. I. Shevlakova, T. B Karnaukhova Dokl AN SSSR 143 no. 4 984-986 Ap '62.

MELIOIDOSIS

Compound treatment of experimental melioidosis with antibiotics and sulfodimesin [with summary in English]. L. E. Khundanov and others. Antibiotiki 6 no. 11;1013-1016 N '61.

MELIORANSKII, BORIS MIKHAILOVICH, 1870-1906

In memory of the church historian Professor B. M. Melioranskii. E. Karmanov Zhur. Mosk Patr. no. 12; 61-66 D '61

MELTING

Fusibility diagram of the system In - Cl. V. N. Fadeev, E. S Petrov. Izv. Sib. otd AN SSSR no. 1 94-97 '62.

MELTING POINTS

Fusibility curve of the ternary system consisting of cadmium, sodium, and lead chlorides I. I. Il'iasov, A. G. Bergman, Zhur. neorg. khim. 7 no. 2,356-359 F '62.

MELTING POINTS (Continued)

Fusibility curve of the ternary system consisting of lithium, potassium, and ammonium nitrates A G Bergman, K. Nogaev Zhur neorg khim 7 no 2 351-355 F '62

MEMBRANES (BIOLOGY)

Nucleotides and bacterial cell membranes J. Baddiley Trudy Len. ob-va est. 72 no 1:108-109 '61

MEMBRANES (CHEMISTRY)—ELECTRIC PROPERTIES

Electrokinetic properties of membranes obtained from saturated fatty acids [with summary in English] O N Grigor'ev, N G Sharova Vest LGU 17 no 1 143-147 '62

MEMEL—DESCRIPTION

Pukis, P. [Klaypeda] Klaipeda, Vil'nius, Gos. izd-vo polit. i nauchn. lit-ry Litovskoi SSR, 1959. 24 p.

MEMEL—HISTORY

Pukis, P. [Klaypeda] Klaipeda, Vil'nius, Gos. izd-vo polit. i nauchn. lit-ry Litovskoi SSR, 1959. 24 p.

MEMORY

"Involuntary retention" by P. I. Zinchenko Reviewed by L. I. Marisova Rad. shk. 40 no 3 89-91 My '62

Memory and the ways to train it L. N. Prokofienko Doshk. vosp. 35 no 3 76-82 Mr '62

MENIERE'S DISEASE

Meniere's disease V. K. Egorova Med. sestra 21 no 2 18-22 F '62

MENINGES—TUBERCULOSIS

Case of preserved pregnancy in a patient with pulmonary and meningeal tuberculosis A. I. Marchuk, G. N. Marushchak Zdrav. Kazakh. 22 no. 1 75-77 '62

Clinical aspects and surgical treatment of late spinal complications (cholesteatomas) following tuberculous meningitis treated by the endolumbar administration of streptomycin E. A. Azarova, I. V. Vovnianko, V. E. Eginson Zdrav. Kazakh. 22 no. 1 15-17 '62

MENINGITIS

Serous meningitis conditioned by the intestinal group of filterable viruses [with summary in English] V. P. Iugovkina Pediatriia no 2:11-16 '62

MENINGO-ENCEPHALOMYELITIS see Encephalomyelitis

MENSURATION—ABSTRACTS

[Measurement techniques] Ref. zhur. Otd. vyp 32 Izm. tekh. nos. 1-5 Ja-Mr '62.

MENTAL HYGIENE CLINICS see Psychiatric clinics

MENTAL ILLNESS

Clinical regularities in the treatment of psychic diseases A. V. Snezhnevskii Vest. AMN SSSR 17 no 1 7-13 '62

MENTAL INSTITUTIONS see Psychiatric hospitals

MENTALLY ILL—CARE AND TREATMENT

"The organization of psychiatric care and psychiatric research in the Union of Soviet Socialist Republics [in English]" by N. S. Kline Reviewed by A. M. Repoport Zhur. nevr. i psikh. 62 no. 3:153-460 '62

MERCAPTALS

Combining ethylmercaptan with some vinyl ethers of chlorophenols A. V. Kalabina, N. A. Tiukavina, A. Kh. Filippova Izv. Sib. otd. AN SSSR no. 1:97-101 '62

MERCAPTANS see Thiols

MERCAPTO COMPOUNDS—ANALYSIS

Amperometric titration of thiol compounds with mercury. S. S. Oganesian, T. S. Zaminian Vop. radiobiol. [AN Arm. SSR] 1:107-114 '60.

MERCAPTO GROUP

Quantitative determination of SH groups in whole and protein-free blood by the spectrophotometric method [with summary in English]. Kh. M. Rubina, L. A. Romanchuk Vop. med. khim. 7 no. 6:652-655 N-D '61.

MERCHANT MARINE

Results of revaluating cargo and harbor service fleets of the merchant marine. A. G. Zamakhovskaia, O. A. Novikov. Trudy TSNIIMF no. 37:70-80 '61.

MERCHANT MARINE—COST OF OPERATION

Planning the operations of a vessel. V. I. Nemchikov. Trudy TSNIIMF no. 37:57-69 '61.

MERCHANT MARINE—PASSENGER TRAFFIC

Economic aspects of passenger transportation on the Dnieper. V. V. Belousov, B. A. Atlas. Trudy LIVT no. 3:33-40 '60.

MERCHANT SEAMEN see subdivision under Lithuania

MERCHANT SEAMEN—DISEASES AND HYGIENE

For an improvement in the medical care of water transportation workers. E. Umnova. Rech. transp. 21 no. 2:24-26 F '62.

MERCHANT SHIPS

Method of the preliminary evaluation of a ship type being studied by computing it to the best examples of world technology. S. V. Lainer. Trudy TSNIIMF no. 37:81-85 '61.

MERCHANT SHIPS—STATISTICS

Statistical data on the state of the world merchant marine in 1961 [from Lloyds Register] N. I. Alekseev Sudostroenie 28 no. 2:72-75 F '62.

MERCUROPHYLLIN

Diuretic action of novurit and dimercaprol in circulatory insufficiency U. B. Sharapov. Kardiologiia 1 no. 3 77-80 My-Je '61.

MERCURY

(see also subdivision under Tien Shan)

Improving the method of metallometric analysis for mercury. A. Kozyrev, L. Trel'lakova A. I. Perevertun. Sbor. nauch. trud. Kaz. GMI no. 19:199-201 '60.

Substitution of the mercury atom combined with a saturated carbon atom by halogen Report No. 5 Interaction of benzyl mercury chloride with bromine in the presence of ammonium in polar solvents I. P. Beletskaia, T. A. Azizian, O. A. Reutov Izv. AN SSSR Otd. khim. nauk no. 3:424-430 Mr '62

MERCURY—SPECTRA

Optical method for isolating the green line of Hg^{198} N. R. Batarchukova, A. I. Kartashev, A. P. Kirichenko Opt. i spektr. 12 no. 3:424-426 Mr '62

MERCURY—TOXICOLOGY

Clinical aspects, prevention and treatment of mercury intoxication. L. L. Kantarovich. Zdrav. Bel. 8 no. 1 48-52 Ja '62.

Materials on the hygienic aspect of maximum permissible concentration of mercury vapor in the air. V. N. Kurnosov. Prod. dop. kontsent. atmosf. zagr. no. 5:54-71 '61.

Possibility of the intoxication of the personnel in medical offices with small quantities of mercury M. M. Gimadeev. Kaz. med. zhur. no. 5:85-86 S-O '61.

MERCURY COMPOUNDS

Aryl mercury derivatives of keto enols and phenols. A. N. Nesmeianov, D. N. Kravtsov Izv. AN SSSR Otd. khim. nauk no. 3:431-438 Mr '62

Mercuration of aldehydes by di-p-aminophenyl mercury and di-p-tolyl mercury V. F. Martynova Zhur. ob. khim. 32 no. 3:962-964 Mr '62.

MERCURY ELECTRIC LIGHT see Electric lighting, Mercury vapor

MERCURY ELECTRODES see Electrodes, Mercury

MERCURY ORGANIC COMPOUNDS

Initiating action of organomercury compounds in vinyl polymerization [with summary in English]. G. A. Razuvaev and others. Vysokom. soed. 4 no. 3:371-375 Mr '62.

MERCURY ORGANIC COMPOUNDS—TOXICOLOGY

Prevention of occupational poisoning in workers of granozane plants due to inhalation of unithiol aerosol [with summary in English] S. I. Ashbel', R. G. Hil', IU. S. IAvorovskaia. Gig. truda i prof. zab. 4 no. 12:16-20 D '60

MERZLIKINA, EKATERINA IVANOVNA

Let's listen to Ekaterina Ivanovna Merzlikina A. Mlynek Doshk. vosp. 35 no. 3:8-12 Mr '62

MESENTERIC ARTERIES—DISEASES

Clinical aspects of embolism of the superior mesenteric artery [with summary in English]. A. G. Zemlianoi. Vest. khir. no. 3:61-68 '62.

MESENTERY—BLOOD SUPPLY

Sequelae of acute obstruction of the mesenteric vessels without infarction (experimental study) V. I. Varlamov. Vest. khir. no. 3:68-72 '62.

Surgical tactics in thromboembolism of the mesenteric vessels S. V. Ryneiskii, V. Sh. Rabotnikov Vest. khir. no. 8:113-117 '61

MESENTERY—DISEASES

Perforation of the jejunum into the mesentery. M. D. Skopets. Khirurgiia no. 3:123 '62.

MESENTERY—TUMORS

Cysts of the mesentery of the small intestine in children. N. B. Sitkovskii, Kh. I. Fel'dman. Vest. khir. no. 8:92-94 '61.

MESONS

Budagov, IU. A., and others, [Interaction of 153 Mev. negative π-mesons and helium] Vzaimodeistvie otritsatel'nykh π-mezonov s geliem pri energii 153 Mev. Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 32 p. [With summary in English]

Polarization of μ^+-mesons in cosmic rays [with summary in English] A. I. Alikhanian and others. Zhur. eksp. i teor. fiz. 42 no. 1:127-129 Ja '62

MESONS—DECAY

Angular distribution of μ-mesons in π—μ-decay. Kh. Khulubei and others. Zhur. eksp. i teor. fiz. 42 no. 1:303-304 Ja '62.

Experimental study of some consequences of CP-invariance in the decay of K_2^0 mesons [with summary in English]. M. Kh. Anikina and others Zhur. eksp. i teor. fiz. 42 no. 1:130-134 Ja '62

Nguen Van Kh'eu [Angular distribution of the decay products of intermediate vector mesons generated in the process $e^+ + e^- \rightarrow B^+ + B^-$] Uglovoe raspredelenie produktov raspada promezhutochnykh vektornykh mezonov v protsesse $e^+ + e^- \rightarrow B^+ + B^-$ Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 5 p. [With summary in English]

MESONS—SCATTERING

Polarization and charge-exchange interaction in high-energy πp-scattering [with summary in English] I. I. Levintov. Zhur. eksp. i teor. fiz. 42 no. 1:191-195 Ja '62.

METABOLISM

Active energy metabolism in the young of the Baltic salmon (Salmo salar L.) V. S. Ivlev Vop. ikht. 2 no. 1 158-168 '62.

Development of metabolic processes in infants under one year of age N. F. Tolkacheveskaia Med. sestra 21 no. 3 12-18 Mr '62

Gubarev, E. M. [Basic metabolic processes in microorganisms] Osnovnye protsessy obmena veshchestv u mikroorganizmov. Moskva, Medgiz, 1961. 295 p.

"Physiology of substance metabolism in micro-organisms in connection with their functional evolution" by V. N. Shaposhnikova Reviewed by D. G. Kudlai Zhur. mikrobiol., epid. i immun. 33 no. 2:140-144 F '62.

METABOLISM, DISORDERS OF

Basal metabolism in diabetes mellitus N. G. Khomenkova Izv. AN Arm. SSR Biol. nauki 14 no. 12:97-101 '61.

Konstantinov, M. V. [Metabolic diseases] Bolezni obmena veshchestv. [Leningrad] Medgiz, 1961. 41 p. (Rasskazy o populiarnaia meditsinskaia literatura) (DNLM)

METAL CLADDING

Designing the process of pressure cladding of bimetal tubes D. P. Unksov, L. G. Stepanskii. Kuz. shtamp. proizv. 4 no. 3:3-8 Mr '62.

METAL CRYSTALS

Boundary value problem in the elasticity theory of metal crystals S. D. Volkov Fiz. met. i metalloved. 13 no. 1:10-17 Ja '62

Diffusion coefficients in polycrystals. D. G. Dobrotvorskii Fiz. met. i metalloved. 13 no. 2:209-213 '62.

Investigating causes of the diffusion activity of grain boundaries in metal crystals Part 6. Effective coefficient of diffusion in polycrystals. A. M. Ratner, IA. E. Geguzin Fiz. met. i metalloved. 13 no. 2:214-218 '62.

Theory of the magnetization curve of uniaxial single crystals I. G. Chopivenko Fiz. met. i metalloved. 13 no. 1:149-151 Ja '62.

METAL CUTTING

Connection between various types of deformation in metal cutting processes. N. F. Kunin, V. I. Mel'nikov, V. I. Davidiuk. Fiz. met. i metalloved. 13 no. 2:194-199 Ja '62

Ermakov, K. S., N. V. Tarasenko, and V. M. Lutov. [New methods for chip breaking] Novoe v struzhkolomanii. [Lipetsk] Lipetskoe knizhnoe izd-vo, 1960. 36 p.

Machinability of nickel silver depending on its physical and chemical composition N. G. Onokin, A. A. Bazarenov Sbor. nauch. trud. GINTSVETMETA no. 13:64-71 '60.

Means for reducing dynamic errors in machining; metals T. N. Loladze, G. D. Shanshiashvili. Vest. mash. 42 no. 3:73-77 Mr '62.

[Means for the automation of machining processes; manual] Sredstva avtomatizatsii mekhanicheskoi obrabotki, spravochnoe posobie. Moskva, Mashgiz, 1962. 520 p.

METAL CUTTING—PRODUCTION STANDARDS see Subdivision under Moscow Province

METAL CUTTING, ELECTRIC see Electric metal cutting

METAL-CUTTING TOOLS

Effect of tantalum on physicomechanical and cutting properties of tungsten carbide—cobalt alloys. V. I. Funke, V. IA. Lider, V. S. Panov. Vest. mash. 42 no. 3:70-82 Mr '62.

Heating helps cutting tools. Izobr. i rats. no. 2 12-13 F '62.

Karasev, V. IA., and A. Sh. Shifrin. [Efficient machining of metals with cutters of irregular circular pitch, survey] Proizvoditel'naia obrabotka metallov frezami s neravnomernym okruzhnym shagom; obzor. Leningrad, 1961. 98 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serita Mekhanicheskaia obrabotka metallov)

Manufacturing lever-type metal cutters in school workshops. V. Semenikhin. Shkola i proizv. 8 no. 1:80-83 Ja '62.

METAL-CUTTING TOOLS (Continued)

Moscow Vsesoiuznyi nauchno-issledovatel'skii instrumental'nyi institut [New technological processes for the manufacture of metal cutting tools] Novaia tekhnologiia izgotovleniia instrumenta. Pod red. N.S. Degtiarenko, Moskva, Mashgiz.
No. 2. 1961. 136 p.
[MICROFILM]

Technological processes in manufacturing cast cutting tools of high-speed steel with a boron addition N D Tautaev, M A Petrushkin. Vest. mash. 12 no 3 82-83 Mr '62.

METAL-CUTTING TOOLS—STANDARDS

Moscow Vsesoiuznyi nauchno-issledovatel'skii institut po normalizatsii v mashinostroenii. [One-piece cutters and rim saws] Fiezy tsel'nye i pily segmentnye. Moskva, Gos. izd-vo standartov, 1960. 84 p (SSSR Normali mashinostroenila)

METAL-CUTTING TOOLS—TESTING

Dimensional wear of hard-alloy cutting tools E. V. Bykhov, P. A Vishnialov Vest. mash 12 no. 3 77-78 Mr '62

METAL INDUSTRIES—TECHNOLOGICAL INNOVATIONS see subdivision under Sverdlovsk Province

METAL IONS

Resolvation of cadmium and lead ions in acetone-aqueous and acetone-alcoholic solutions P. K. Migal', N Kh Grinberg Zhur neorg khim 7 no 3 531-535 Mr '62

Study of the resolvation of certain metal ions in nonaqueous systems by the polarographic method P K Migal', N Kh Grinberg Zhur neorg khim 7 no 3 527-530 Mr '62

METAL POWDERS—MAGNETIC PROPERTIES

Specific magnetic susceptibility of powders with a various magnetite content S K Grebnev, N A Vasiutinskii Otvg rud 7 no 1 54-55 '62.

METALLIC FILMS

Electronographic investigation of the substructure of thin films of aluminum, silver, and gold condensed in vacuum I S Palatnik and others Fiz met i metalloved 13 no 1 71-76 Ja '62

Speed of formation of metallic films during the mutual displacement of metals from a solution A N Krestovnikov, P I Feigina, Sbor nauch. trud GINTSVETMET no 37 13-17 '60.

METALLIC OXIDES

Investigating homomolecular oxygen exchange on oxides of metals of the fourth period. Part I Exchange kinetics and mechanism A P Dzisiak, G. K Boreskov, L. A. Kasatkina Kin i kat 3 no 1 81-90 '62

Polarographic study of oxides of zinc, germanium, chromium, molybdenum, and tungsten on a fused borax background. G. V. Shilina, N V. Ul'ko. Ukr khim zhur. 28 no. 2, 172-178 '62.

Some properties of enamel glasses G I Belinev Ukr khim zhur. 28 no 2 263-265 '62

METALLIC OXIDES—ELECTRIC PROPERTIES

Electric conductivity method used in the study of the nature of interaction of components of oxide systems S P Pal'guev, Z S Volchenkova Zhur neorg khim 7 no 3 615-617 Mr '62.

METALLIC OXIDES—PHYSIOLOGICAL EFFECT

Effect on the organism of artificial dust mixtures (rare metal compounds and silicon dioxide) [with summary in English]. O IA. Mogilevskaia Gig i san 26 no 9 18-24 S '61

METALLIC OXIDES—SPECTRA

Infrared absorption spectra of oxofluorides of some metals of the IV and V groups of the periodic system IU. IA. Kharitonov, IU A Buslaev. Izv. AN SSSR, Otd khim. nauk no. 3;391-401 Mr '62

METALLOGRAPHY

Metallographic investigation of products of the wear of a steel-cast iron friction coupling. A. P. Antonov. Metalloved. i term obr. met. no. 2;42-43 F '62

Statistical theory of metal fracture under the effect of tension B M. Strunin Fiz met i metalloved. 13 no 1 33-42 Ja '62.

METALLURGICAL ANALYSIS

Andreev, A. S. [Metallurgical analysis; school manual for laboratory work] Tekhnicheskii analiz v metallurgii, uchebnoe posobie k laboratornym zaniatiiam. Leningrad, Leningr. politekhn. in-t im. M. I. Kalinina, No. 1. 1961. 151 p.

METALLURGICAL ANALYSIS—BIBLIOGRAPHY see Bibliography—Metallurgical analysis

METALLURGICAL FURNACES—COOLING

Kolobkov, P. S. [Making use of the steam from the evaporation cooling of metallurgical furnaces] Ispol'zovanie para isparitel'nogo okhlazhdeniia metallurgicheskikh pechei, Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1961. 83 p.

METALLURGICAL LABORATORIES

Central plant laboratory. P. S. Plekhanov Metallurg 7 no 4:32 Ap '62

METALLURGICAL PLANTS

(see also subdivision under Kursk Magnetic Anomaly, Nizhniy Tagil, Novokuznetsk)

Five metallurgical supply centers of communism S. al. Filippov Metallurg 7 no 2,3-4 F '62

Klimovitskii, M. D., and V. A. Kalik. [Brief handbook on temperature control in ferrous metallurgy] Kratkii spravochnik po teplovomu kontroliu v chernoi metallurgii Moskva, Metallurgizdat, 1962 376 p.

METALLURGICAL PLANTS—ACCOUNTING

"Accounting and the operational analysis of metallurgical plants" by A I Valuev, A A Skorokhodov Reviewed by V. F Voronov Stal' 22 no 3 274-275 Mr '62

METALLURGICAL PLANTS—BY-PRODUCTS

Use of nickel-bearing emery dust in open hearth furnaces. N V Keis and others. Metallurg 7 no 2,20-21 F '62.

METALLURGICAL PLANTS—DESIGN AND CONSTRUCTION

Economic efficiency of reorganizing metallurgical plants V B Brodskii Stal' 22 no 3 270-274 Mr '62

METALLURGICAL PLANTS—EQUIPMENT AND SUPPLIES

Lvovskii, P. G. [Manual for mechanics in metallurgical plants] Spravochnoe rukovodstvo mekhanika metallurgicheskogo zavoda, Izd. 4., ispr. i dop. Sverdlovsk, Metallurgizdat, 1961. 1165 p

Russia (1923- U. S. S. R.) Komitet po delam izobretenii i otkrytii [Collection of inventions; manufacture of metallurgical equipment and metalworking machinery] Sbornik izobretenii, metallurgicheskoe mashinostroenie. Moskva, TSentr biuro tekhn. informatsii, 1960. 153 p (Sbornikt otechestvennykh izobretenii)

METALLURGICAL RESEARCH—CONGRESSES

Conference on the coordination of research on low-alloy steels I M Feikin, G A Torpanova Stal' 22 no 3 268-269 Mr '62

METALLURGISTS

Beauty and glory of human endeavor IU. Ivanov. Metallurg 7 no 1 37-38 Ap '62

Skilled worker and efficiency promoter M. Romashchenko Metallurg 7 no 4;39-40 Ap '62

METALLURGY

(see also subdivision under Moscow Province)

Bulalov, V.A. [Technology of metals] Tekhnologiia metallov Izd. 3., ispr. i dop. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1962. 512 p.

Liability for the incomplete delivery of metal products for industrial equipment S IA Palastina. Izv. vys ucheb zav., prav 6 no. 1,131-138 '62

Results and prospects. Metallurg 7 no 2;1 F '62.

METALLURGY—ABSTRACTS

[Metallurgy] Ref. zhur., Met. no. 3 '62.

METALLURGY—CONGRESSES

Second Conference of the Scientific Technological Society of Ferrous Metallurgy Ogneupory 27 no 3;101-103 '62.

METALLURGY—HYGIENIC ASPECTS

Problem of excess heat in ferrous metallurgy. B. M Zlobinskaia Gig truda i prof zab. 4 no 2 57-59 F '60

METALLURGY—TABLES, CALCULATIONS, ETC.

Bickh, L. S. [Triangular system of coordinates and its use in metallurgical calculations] Treugol'naia sistema koordinat i ee primenenie dlia metallurgicheskikh raschetov. Izd 2., dop. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1962. 157 p.

METALLURGY, PHYSICAL see Physical metallurgy

METALS

Accumulation of elements of the iron family in petroleums S. M. Katchenkov. Dokl. AN SSSR 143 no 2; 420-422 Mr '62

Babilius, Vincas, Ksaveras Bieliunas, and Andrius Novodvorskis. [Study of metals] Metalotyra. Vilnius, Valstybine politines ir moksalines literaturos leidykla, 1961. 217 p. [In Lithuanian]

Chemistry evening on the topic "Metals and alloys." E.K. Varfolomeeva and others. Khim.v shkole 17 no. 2,64-70 Mr-Ap '62.

Effect of anions on the kinetics of metal dissolution IA M Kolotyrkin Usp. khim. 31 no 3 322-335 Mr '62

Effect of certain metal additions to copper-silicon alloys on their activity in the reaction with methyl chloride I. V Trofimova and others Zhur. ob. khim 32 no 3 841-846 Mr '62.

METALS—ANALYSIS

Exchange of experience Zav. lab 28 no 2 166 '62.

Using thiourea in the separation of metals by ion exchange. E. I. Bykov Izv. Sib. otd AN SSSR no. 12;72-77 '61.

METALS—BRITTLENESS

[Corrosion cracking and brittleness. Translated from the English] Korrozionnoe rastreskivanie i khrupkost', sbornik statei. Moskva, Mashgiz, 1961. 180 p.

METALS—DEEP DRAWING see Deep drawing (metalwork)

METALS—ELECTRIC PROPERTIES

Effect of the addition of small concentrations on the electrical resistance of metals S. I. Masharov Fiz met i metalloved 13 no 2;166-172 '62

METALS—FATIGUE

Endurance limit of metals [in Azerbaijani with summary in Russian] A S. Kerimzade, B. M. Akhmedov Dokl. AN Azerb SSR 17 no 9 779-783 '61

Increasing fatigue resistance by shot peening Z. P Grozinskaia, M IA. Gal'perin. Metalloved i term obr. met no 2 43-45 F '62

METALS—FINISHING

Extent of ion adsorption on platinum as affected by the thermal and mechanical treatment of the surface. N. A. Balashova, G G Zhmakin. Dokl AN SSSR 143 no 2 358-361 Mr '62

METALS—HEAT TREATMENT

Plasticity of heat-resistant and stainless steels and alloys at high temperatures V. S. Baakashvili, I. IA. Tarnovskii, G. A. Khasin. Soob AN Gruz. SSR 28 no. 2;211-216 F '62.

Raitses, V. B., and A. F. Lobedev. [Skill of a heat-treatment specialist] Masterstvo termista Moskva, Mashgiz, 1961 206 p.

METALS—HYDROGEN CONTENT

Gasometric method of determining the hydrogen content in products of the partial hydrolysis of carnallite and magnesium chloride. I. S. Bychikhina, IA. L. Vil'manskii, E. I. Savinkova Izv vys ucheb. zav., tsvet. met. 5 no. 2 100-103 '62.

METALS—PICKLING

Channels and macroscopic etch figures in single crystals of pure aluminum. G V. Indenbaum, I. I. Novikov, D. N. Popov. Dokl. AN SSSR 143 no 2;316-318 Mr '62.

METALS—SPECTRA

Increasing the sensitivity of the determination of impurities in pure metals M A Notkina and others Zav lab 28 no 2 176-177 '62

Method for the preparation and use of synthetic standard specimens for the spectral analysis of some metals of high purity D. M Shvarts Zav lab 28 no 2 178-181 '62

METALS—TESTING

Comparative results of long-duration relaxation tests of ring specimens manufactured by different methods A M. Borzdyka, V. A Ushik Zav lab 28 no 2 211-214 '62

Compensation curves in dimensionless coordinates IU F Bondarev Zav lab 28 no 2-227 '62.

Statistical theory of metal fracture under the effect of tension B M Strunin Fiz met i metalloved 13 no 1 33-42 Ja '62

METALS—THERAPEUTIC USE

Complications in the treatment of syphilis with oxmonovocillin, arsenic-containing drugs, and salts of heavy metals R.A Kapkaev. Med.zhur. Uzb. no. 1 64-66 Ap '60.

Use of metals in surgery. E. N. Bolkhovitinova, V G. Shukhmatov Med prom 15 no. 6-7 11 Je '61.

METALS, EFFECT OF RADIATION ON

Arifov, U. A. [Interaction of atomic particles with a metal surface] Vzaimodeistvie atomnykh chastits s poverkhnost'iu metalla. Tashkent, Izd-vo Akad. nauk Uzbekskoi SSR, 1961. 323 p.

Effect of neutron irradiation on the elasticity modulus and the internal friction in copper. A. I. Zakharov. Fiz met. i metalloved 13 no 2,241-247 '62

METALS, EFFECT OF TEMPERATURE ON

Effect of the rate of heating on the austenitic grain size in rapid tool steels A. P. Gulisev, R P. Leshchinskaia Fiz met i metalloved 13 no. 2;233-240 '62

Temperature relation of the heat conductivity and the electric resistivity of 45 steel with various porosity V. G. Mikulukov. Metalloved i term. obr. met. no. 2; 52 F '62

METALS, SUBSTITUTES FOR

Galimzianova, Rashida, and S. N. Marichev. [We are using nonferrous metals sparingly] Ekonomim tsvetnye metally. [Moskva] Mosk. rabochii, 1961. 57 p.

METALS AT HIGH TEMPERATURES

Determining the heat and electric conductivity of metals at temperatures higher than 1000° C V S. Gumeniuk, V. E. Ivanov, V. V. Lebedev Prib i tekh eksp. 7 no 1 185-188 Ja-F '62

Use of EI692 steel for work at 800° I. S. Lupakov, V. P. Vosikov Metalloved. i term. obr met no 2;49-51 F '62

METALS AT LOW TEMPERATURES

Anomaly of electric resistance and K-state formation in systems palladium - tungsten, and palladium - molybdenum V. S. Mes'kin, R. I. Sergienko, L. A Popova. Fiz met i metalloved 13 no 1 126-131 Ja '62

METALS AT LOW TEMPERATURES (Continued)

Increasing the impact toughness of 30GSL and SL-2 steel at low temperatures G I TSyganenko, S V Tristan Lit proizv no 3 42-43 Mr '62.

K-state and bonding forces in single phase solid solutions on a nickel base B G Livshits, G A Rymashevskii Izv met i metalloved 13 no 2,198-208 '62

Theory of the heat capacity of weak substitutional solid solutions at low temperatures A I Rezanov, S I Masharov Fiz met i metalloved 14 no 1 3-9 Ja '62

METALWORK

Akademila nauk SSSR. Komissiia po tekhnologii mashinostroenila. [Automatic control of machinery manufacturing processes] Avtomatizatsiia protsessov mashinostroenila. Moskva, Izd-vo Akad nauk SSSR
Vol. 2. [Hot metalwork.] Gorlachaia obrabotka metallov 1962. 272 p.

Butalov, V. A. [Technology of metals] Tekhnologiia metallov. Izd 3., ispr i dop Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1962. 512 p.

Isupov, V. F., and V. S. Slavkin. [Production of sized steel; generalization of progressive practices] Proizvodstvo kalibrovannoi stali; obobshchenie peredovogo opyta. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1962 196 p

Konovalov, E. G. [Fundamentals of new methods for machining metals] Osnovy novykh sposobov metallo-obrabotki. Minsk, Izd-vo Akad. nauk BSSR, 1961. 296 p

Solid-wall metal mine-shaft headframe E Simonovich Prom stroi. i inzh soor 3 no 2,30-33 Mr-Ap '61

METALWORKING LUBRICANTS

New method of feeding metalworking lubricants to the deformation zone during drawing V. F Moseev, A. A Korostelin Stal' 22 no 3 280-281 Mr '62

Use of ultrasonic waves to prepare a stable drawing emulsion B V Agranat, F I Zaretskii Sbor nauch trud GINTSVETMET no 33 369-376 '60

METALWORKING MACHINERY

Automatic straightening and cropping machines I D. Trofimov. Kuz.-shtam proizv 4 no 3: 26-32 Mr '62

METALWORKING MACHINERY—MAINTENANCE AND REPAIR see subdivision under Latvia

METALWORKING MACHINERY—TECHNOLOGICAL INNOVATIONS

Russia (1923- U. S. S. R.) Komitet po delam izobretenii i otkrytii. [Collection of inventions, manufacture of metallurgical equipment and metalworking machinery] Sbornik izobretenii; metallurgicheskoe mashinostroenie. Moskva, TSentr biuro tekhn. informatsii, 1960. 153 p. (Sborniki otechestvennykh izobretenii)

METAMORPHISM (GEOLOGY) see subdivision under Pendzhikent region

METASOMATISM

Secondary feldspars in upper Proterozic sedimentary rocks M. M Veselovskaia Dokl. AN SSSR 143 no. 3: 697-700 Mr '62

METASTASIS

Implantation metastases following oncological operations and their prevention [with summary in English] B T Bilynskii Vrach delo no 2 92-95 F '62

METEORITES
(see also subdivision under Canyon Diablo; Podkamennaya Tunguska Valley, Western Sayan Mountains)

Bitumens in Groznaya and Migey carbonaceous chondrites [with summary in English] G. P. Vdovykin Geokhimiia no 2 134-139 '62.

Possibility of the existence of a ring of comets and meteorites around Jupiter [with summary in English] S. K. Vsekhsviatskii Astron. zhur. 39 no. 2,290-302 Mr-Ap '62.

METEOROLOGICAL INSTRUMENTS—CONGRESSES

Informative communication on the scientific and technical conference devoted to the manufacture of hydrometeorological apparatus S. P. Levchenko. Okeanologiia 1 no 5:927-928 '61

METEOROLOGICAL RESEARCH

First Interdepartmental Conference on Model Studies of Atmospheric and Hydrospheric Phenomena. A. F. Laktionov. Okeanologiia 1 no. 5:924-926 '61.

METEOROLOGICAL STATIONS see subdivision under Lukchun, China

METEOROLOGY
(see also subdivision under Arctic regions; Ladoga Lake region)

Position of the upper planetary front zone during the development of stable atmospheric circulation processes of the west-east pattern T. M. Khoreva. Trudy AANII 235 47-65 '61.

Some features of radiation, heat balance, and microclimate of a mountain pass. B. A. Aizenshtat. Meteor. i gidrol. no. 3 27-32 Mr '62.

METEOROLOGY—BIBLIOGRAPHY see Bibliography—Meteorology

METEOROLOGY—OBSERVATIONS see subdivision under Bol'shoy Khadyta-Yugan Valley; Novaya Zemlya, Zagorsk

METEOROLOGY—STUDY AND TEACHING

Practical work in meteorology in agricultural colleges. V. P. Minashkin. Meteor i gidrol. no. 3 60-61 Mr '62.

METEOROLOGY, AGRICULTURAL

Agrometeorological conditions for growing corn as a stubble crop in the south of the Ukrainian S S R. A. B. Polokei. Meteor i gidrol no 3 21-26 Mr '62

Shul'gin, A. M. [Agrometeorology; a course of lectures for correspondence students at biological departments of state universities] Agrometeorologiia; kurs lektsii dlia studentov-zaochnikov biologicheskikh fakul'tetov gosudarstvennykh universitetov. [Moskva] Izd-vo Mosk. univ., 1961. 132 p.
(DA)

METEOROLOGY, MARITIME
(see also subdivision under Barents Sea, Dickson Bay, Greenland Sea; Kara Sea; Pacific Ocean)

Russia (1923- U. S. S. R.) Glavnoe upravlenie gidrometeorologicheskoi sluzhby. [Instructions for hydrometeorological stations and posts] Nastavlenie gidrometeorologicheskim stantsiiam i postam. Leningrad, Gidrometeor. izd-vo.
No. 2. [Hydrometeorological observations at posts] Gidrometeorologicheskie nabliudeniia na postakh.
Pt. 3. [Maritime hydrometeorological observations] Morskie gidrometeorologicheskie nabliudeniia. 1948. 114 p.

METEOROLOGY, MARITIME—CONGRESSES

Maritime meteorology at the First International Oceanographic Congress A. I. Sorkina. Okeanologiia 1 no 5: 934-937 '61

METEOROLOGY IN AERONAUTICS

Forecast of poor visibility and fog. N Ustimenko Av. i kosm. 44 no. 3:88-89 '62.

Kravchenko, I. V. [Meteorology for air pilots] Letchiku o meteorologii. Izd. 3., perer. i dop. Moskva, Voen izd-vo M-va obor. SSSR, 1962. 312 p.

METEORS

Results of photographic observations of the Perseid meteor stream in Ashkhabad, August 1961 A A Gul'medova, V B Stepanov. Izv AN Turk. SSR. Ser fiz.-tekh., khim. i geol nauk no 6 122 '61

Using radar observations in determining radiants of meteor showers. Sh. O. Isamutdinov, L. G. Brudnyi. Biul. Inst. astrofiz. AN Tadzh. SSR no. 30, 62-66 '61

METHACRYLIC ACID

Carbochain polymers and copolymers. Part 38: Reaction of isotactic polymethyl methacrylate with polyethylene azelate [with summary in English]. G. S. Kolesnikov, G. T. Gurgenidze. Vysokom. soed 4 no. 3: 452-454 Mr '62.

Energy transfer processes in polymerization reactions [with summary in English] A. M North. Vysokom soed 3 no. 12 1874-1875 D '61.

Light scattering and viscosity of poly-p-carbethoxyphenyl-methacrylamide solutions in ethyl acetate [with summary in English]. V. E Eskin, O Z Korotkina. Vysokom. soed 3 no. 12 1805-1807 D '61

Light scattering and viscosity of polycyclohexylmethacrylate in ethyl acetate solutions (with summary in English] V. E Eskin, I. A Baronovskaia Vysokom soed 3 no. 12 1800-1804 D '61.

New esters of acrylic and methacrylic acids [with summary in English]. F. P. Sidel'nikovskaia and others Vysokom. soed. 4 no. 3:389-392 Mr '62.

Selective interaction in polymer chains. Part 2: Effect of hydrogen bonds on the kinetics of methyl methacrylate and methacrylic acid copolymerization [with summary in English]. P. Smetek, S IA. Frenkel'. Vysokom. soed. 4 no. 3:429-432 Mr '62.

METHANE
(see also subdivision under Donets Basin)

Analysis of chlorofluoromethanes by gas-liquid chromatography A. L Gol'dinov, V. I. Lukhovitskii, N. A Svinina Zav lab 28 no. 2 150-151 '62

Effect of certain metal additions to copper-silicon alloys on their activity in the reaction with methyl chloride. I V Trofimova and others. Zhur. ob. khim. 32 no. 3: 841-846 Mr '62.

Mechanism of the effect of alkaline sulfur solutions on nitro derivatives of toluene and diphenylmethane. R. S. TSekhanskii, N. N. Zobova, V. F. Usheinina. Izv. vys. ucheb. zav., khim. i khim. tekh 4 no 6:985-987 '61.

Reduction of methylene iodide on a mercury cathode. F. K. Andriushchenko, V V Orekhova Ukr. khim. zhur. 28 no. 2:269-270 '62.

METHANESULFONIC ACID

Change in the antitoxic, prothrombin- and bilirubin-producing functions of the liver in chronic myelosis treated with myelosan (myleran). I. Z. Gorelov, B. I. Lipkovich. Terap. arkh. 34 no. 2 68-71 '62.

Treatment with myelosan of chronic myeloid leukemia [with summary in English] N IA Shvedov Sov med 25 no 2 11-17 F '62.

METHANETHIOL

Antifugal activity of some perchloromethyl mercaptan derivatives [with summary in English] N. M. Golyshin Mikrobiologiia 31 no 1 146-152 Ja-F '62

METHANOL

Benzothiazolylalkylcarboxylic acids and their derivatives Part 4: 2-benzothiazolylalkylcarbinols I. S Babichev, V M. Neplinev Zhur. ob. khim. 32 no. 3 857-859 Mr '62

Structure of picric acid solutions in methanol. K. P. Mishchenko, M K Fedorov. Zhur. struk. khim. 1 no. 1 15-20 Ja-F '62.

Use of methanol for the regeneration of spent activated carbon in the purification of industrial sewage from organic compounds. B. V. Volkov, L. A Martynenko, G. A Kocharova. Gig i san. 26 no. 9:83-84 S '61

METHANOL—TOXICOLOGY

Materials on the experimentally established maximum permissible concentration of methanol in the air. Chzhao Chzhi-tsai [Chao Cheng-chi]. Pred. dop. kontsent. atmosf. zagr. no. 5 94-109 '61.

METHIONINE

Effect of plague microbe toxin on blood proteins and the incorporation of methionine-S^{35} into tissue proteins [with summary in English] I V. Domaradskii, I M. Klimova, A. A Tokareva Vop med khim 7 no 6 614-619 N-D '61

Inclusion of methionine-S^{35} into the liver proteins of rats after the administration of cortisone and during starvation [with summary in English]. V. F. Trifonov. Vop med. khim. 7 no. 4:354-359 Jl-Ag '61.

METHODIUS, Saint, Archbishop of Moravia, d. 885

Saint Methodius as a Slavic legislator. S. Troitskii. Zhur. Mosk. Patr. no. 12:49-59 D '61.

METHYL ALCOHOL

Determination of methyl alcohol with potassium dichromate. O. N. Karpov. Izv. vys. ucheb. zav. , khim i khim. tekh. 4 no. 6 1039-1041 '61.

METHYL GROUP

Vapor phase thermal omethylation of wood-tar oils in a contact pyrolysis reactor F S Bezmozgin and others Trudy VNIIT no 10 59-63 '61.

METHYLENE BLUE

Inactivation of the tick-borne encephalitis virus by the photodynamic action of methylene blue [with summary in English]. M. I. Blinova, Vop. virus 7 no. 1 69-72 Ja-F '62

METHYLAL

Preparation of β, β'-dichlorodiethylformal. D. M. Vinokurov. Izv. vys. ucheb. zav., khim. i khim tekh 4 no 6 988-991 '61

METHYLATION

Effect of the quantity of aluminum chloride on the reaction of benzene methylation. V. V. Molchanova, V. G. Pliamin Izv. Sib otd. AN SSSR no 1:63-66 '62.

METRIC SYSTEM—CONVERSION TABLES

Conversion table of British measure units to the metric system Energomashinostroenie 8 no. 1:47-48 Ja '62.

MEXICO—ECONOMIC GEOGRAPHY

Mashbits, IA. G. [Mexico; economic and geographical features] Meksika; ekonomiko-geograficheskaia kharakteristika. Moskva, Gos. izd-vo geogr. lit-ry, 1961. 296 p.

MEXICO—FOREIGN ECONOMIC RELATIONS—UNITED STATES

Inconvenient neighbor. A. Shelin. Nov. vrem. 20 no. 13,28 Mr '62.

MEZHDURECHENSK—DESCRIPTION

Bondar', L., and Dubinin. Mezhdurechensk. [Kemerovo] Kemerovskoe knizhnoe izd-vo, 1958. 34 p. (Goroda Kuzbassa)
(WaU)

MICROBIOLOGICAL RESEARCH
(see also subdivision under Great Britain)

Amino acids and microbes. N. A. Krasil'nikov. Priroda 51 no. 3:23-27 Mr '62.

MICROBIOLOGICAL SOCIETIES

Activity of the Perm branch of the I I Mechnikov All-Union Society of Microbiologists, Epidemiologists and Infectious Disease Specialists. L. A. Gitterman. Zhur. mikrobiol., epid. i immun. 33 no. 2:156 F '62

MICROBIOLOGY
(see also subdivision under Dnieper River)

Girdzijauskas, V., and others. [Practical handbook of medical microbiology] Medicininės mikrobiologijos praktinis vadovas. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 431 p. [In Lithuanian]
(DNLM)

MICROBIOLOGY (Continued)

Gubarev, E. M. [Basic metabolic processes in microbes] Osnovnye protsessy obmena veshchestv u mikrobov Moskva, Medgiz, 1961. 295 p

Kuznetsov, S. I., M. V. Ivanov, and N. N. Lialikova. [Introduction to geological microbiology] Vvedenie v geologicheskuiu mikrobiologiiu. Moskva, Izd-vo Akad. nauk SSSR, 1962. 238 p.

Let us realize the decisions of the 22d Congress of the CPSU. Mikrobiologiia 31 no 1 3-1 Ja-F '62

Pekhov, A. P. [Deep into the invisible world, electron microscopy in microbes] V glub' nevidimogo mira, elektronnaia mikroskopiia mikrobov Moskva, Izd-vo "Znanie," 1962. 30 p. (Novoe v zhizni, nauke, tekhnike. Serila 6 Biologila i meditsina, no 2)

Ways of using microorganisms in the synthesis of vitamin C Z. G Buzunovskaia. Mikrobiologiia 31 no. 1 172-178 Ja-F '62

Work of the sections of the All-Union Microbiological Society K A Kozlov and others. Mikrobiologiia 31 no 1 185-188 Ja-F '62.

MICROBIOLOGY—BIBLIOGRAPHY see Bibliography—Microbiology

MICROCLINE

Secondary feldspars in upper Proterozoic sedimentary rocks. M. M. Veselovskaia Dokl AN SSSR 113 no. 3: 697-700 Mr '62.

MICROCOCCUS

Relation of some halophiles to various concentrations of sodium chloride [with summary in English] B. N. Kurochkin. Mikrobiologiia 31 no 1 72-76 Ja-F '62.

MICROCOSM AND MACROCOSM

Kudriavtsev, B. B. [World in a grain of sand; a story of simple things] Mir v peschinke; rasskaz o prostykh veshchiakh [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1961. 157 p.

MICROMETER

Considering temperature effect in determining the screw-turn value of the eyepiece micrometer of the ZT-180 zenith telescope by the method of wide scale pairs [with summary in English] A. A. Gurshtein Astron zhur 39 no 2:345-348 Mr-Ap '62.

MICRO-ORGANISMS

(see also subdivision under Sakhalin)

"Continuous fermentation and cultivation of microorganisms" Reviewed by A. F. Berenshtein. Spirt. prom. 28 no. 2:43-45 '62.

Formation of vitamins by micro-organisms which inhabit healthy plants. IU. M. Voznikovskaia. Agrobiologiia no. 1:103-108 Ja-F '62.

"Physiology of substance metabolism in micro-organisms in connection with their functional evolution" by V. N. Shaposhnikova Reviewed by D. G. Kudlai. Zhur. mikrobiol., epid. i immun 33 no. 2:140-143 F '62

Work of the International Commission on the Paleozoic Microflora. A. A. Liuber. Paleont. zhur. no. 1 171-173 '62

MICRO-ORGANISMS, NITROGEN-FIXING

(see also subdivision under Kura Lowland)

Effect of antibiotics on the activity and virulence of the nodule bacteria of alfalfa [with summary in English]. T. A. Melkumova. Izv. AN SSSR. Ser. biol. 27 no. 1: 117-121 Ja-F '62.

MICROPALEONTOLOGY see subdivision under Yakutia

MICROPHONE

Microphone for amateur radio designs. A. Dol'nik. Radio no 3:40-43 Mr '62.

MICROPHOTOGRAPHY

Gol'man-Vinogradov, K. B. [Microfilming documentary materials and the organization of work with microfilms in Soviet archives] Mikrofotokopirovanie dokumental'nykh materialov i organizatsiia raboty s mikrofotokopiiami v arkhivakh SSSR. Pod red. A. A. Kuzina. Moskva, M-vo vysshego i srednego spetsial'nogo obrazovaniia RSFSR, 1961. 183 p.

MICROPHOTOGRAPHY—EQUIPMENT AND SUPPLIES

Discussing the testing of photographic materials for microreproduction. E. A. Bukatin. Zhur. nauch. i prikl. fot. i kin. 7 no. 1:66-69 Ja-F '62.

MICROSCOPY, MEDICAL

Biomicroscopy of pterygium [with summary in English]. A. I. Rozenberg. Oft. zhur. 17 no. 1 16-19 '62.

Characteristics of the microscopic diagnosis of genito-urinary trichomoniasis in men. I. I. Il'in. Vest. derm. i ven. no 3:63-67 '62.

Collection of microscopic slides for clinical laboratory studies. V. S. Ronin. Fel'd. i akush. 27 no. 2 50-52 '62.

MICROTOME

UMD-5 ultramicrotome M. I. Dashevskii Zav. lab. 28 no 2:228-230 '62.

MICROWAVE MEASUREMENTS

Concerning the possibility of measuring small reflections in a circuit with self-excitation. V. A. Dvinskikh. Radiotekh i elektron. 7 no. 4:716-720 Ap '62.

MICROWAVES

Bazhenov, A. I. [Quantum radio physics, a new science] Novaia nauka - kvantovaia radiofizika. Moskva, Izd-vo "Znanie," 1961 34 p (Narodnyi universitet kul'tury Estestvennonauchnyi fakul'tet, no 25)

Bilateral evaluations of the natural frequencies of hollow electromagnetic cavities with anisotropic nonhomogeneous medium. V. V. Nikol'skii Radiotekh i elektron 7 no 4 601-616 Ap '62.

Change in the directed current of electrons in a gas discharge acted upon by a microwave field G. D. Lobov, V. V. Zakharov Radiotekh. i elektron. 7 no. 4.652-662 Ap '62.

Concerning the theory of a reversible ferrite phase shifter Siui IAn'-shen, [Hsu Yen-shên] Radiotekh i elektron 7 no 4 617-622 Ap '62.

Coupled resonant cavities degenerating to a form of microwave band filters. E. R. Mustel', G. N. Solov'ev. Radiotekh i elektron 7 no 4 710-713 Ap '62

Interaction of closed electron beams with an electromagnetic field in hollow cavities A. V. Gaponov, V. K. Ulipatov Radiotekh i elektron 7 no. 4 631-642 Ap '62.

MICROWAVES—PHYSIOLOGICAL EFFECT

Effect of a superhigh-frequency electromagnetic field on strychnine poisoning in white mice M. S. Bychkov Trudy Len ob-va est. 72 no. 1:110-111 '61.

Non-thermal action of microwaves on the rhythm of cardiac contractions in animals. Report No. 1 Studies of the action of uninterrupted microwaves [with summary in English]. A. S. Presman, N. A. Levitina Biul. eksp biol. i med. 53 no 1:41-44 Ja '62

Non-thermal action of microwaves on the rhythm of cardiac contractions in animals. Report No. 2 Studies of the action of impulse microwaves [with summary in English] A. S. Presman, N. A. Levitina Biul. eksp biol i med 53 no 2 39-43 F '62

MIDDLE AGES

[Reader on the history of the Middle Ages in three volumes] Khrestomatiia po istorii srednikh vekov v trekh tomakh. Pod red. S. D. Skazkina. Moskva, Izd-vo sotsial'no-ekon. lit-ry.

Vol. 1. [Early Middle Ages] Rannee srednevekov'e. 1961. 687 p.

Semenov, V. F. [History of the Middle Ages; a textbook for teachers colleges] Istoriia srednikh vekov; uchebnik dlia pedagogicheskikh institutov. Izd. 2. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 586 p. maps.

MIDDLE AGES—HISTORY

A. I. Hertzen's unpublished study. I. Ptushkina. Novyi mir 38 no. 3:231-238 Mr '62.

MIKHAILOV, MIKHAIL LARIONOVICH, 1826-1865

Fate of M. L. Mikhailov's "unfinished" novel on "new people." G. Kogan. Vop. lit. 6 no. 1:198-200 Ja '62.

MIKLUKHO-MAKLAI, NIKOLAI NIKOLAEVICH, 1846-1888

Kolesnikov, M. S. Miklukho-Maklai. Moskva, Molodaia gvardiia, 1961. 270 p. (Zhizn' zamechatel'nykh liudei. Serila biografii, no. 9[323])
(MH)

MILASHECHKIN, ALEKSANDR ANDREEVICH, 1889-1962

Professor A. A. Milashechkin; obituary. Avt. dor. 25 no. 3:32 Mr '62.

MILI STEPPE see Kura Lowland

MILITARISM see subdivision under Germany, West

MILITARY ART AND SCIENCE

More attention to the study of military art and science M. Kriakin. Komm. Vooruzh. sil 2 no. 7 73 Ap '62

MILITARY ART AND SCIENCE—BIBLIOGRAPHY see Bibliography—Military art and science

MILITARY ART AND SCIENCE—TERMINOLOGY

Spazhev, IU. A., and A. A. Filippov. [Translation of military terminology; the English language] Kurs voennogo perevoda; angliiskii iazyk. Moskva, Voen. izd-vo M-va obor. SSSR.
Pt. I. 1962. 505 p.
——————— Supplement. 15 p.

MILITARY ASSISTANCE, AMERICAN see subdivision under Vietnam, South

MILITARY BASES, AMERICAN see subdivision under Italy

MILITARY COMMUNICATIONS see Communications, Military

MILITARY DEMOLITION see Demolition, Military

MILITARY DISCIPLINE

A close-knit family. V. Orda Komm Vooruzh sil 2 no. 7.57-59 Ap '62

The dearest, the most sacred. Starsh. -serzh. no. 12: 23 D '61

Evening conferences on military discipline S. Utekhin. Komm. Vooruzh. sil 2 no. 7:73-74 Ap '62.

Their friends try to teach them and to train them in orderly behavior G Matvcev Komm Vooruzh sil 2 no 7 49-52 Ap '62.

MILITARY EDUCATION

All commissioned officers should study educational theory and psychology, selected letters to the editor Komm. Vooruzh Sil 2 no 2 62-66 Ja '62.

An excellent drill stance, a firm step S. Prokhorov. Starsh -serzh no. 12 21 D '61

The hard way M Akshevskii Voen. vest. 41 no. 12 69-70 D '61

Heirs of military glory A. Smirnov-Nesvitskii Voen vest. 41 no. 2:83-84 F '62

In what does the essence of training lie V. Lutskov Starsh -serzh no 12 26 D '61

Independence and initiative. A Shurygin Voen. vest 41 no 2:63-65 F '62.

Lectures are accompanied by a film demonstration. N Tokarev Voen. vest. 41 no. 12 64-65 D '61.

The main thing is high combat readiness G Mozgovoi Voen vest. 41 no. 12 71-72 D '61.

A method for evaluating drill is necessary Voen vest 41 no 12 59-60 D '61

On the threshold of the new academic year P V Shutov Vest protivovozd obor no 12 10-13 D '61

Socialist competition in a unit. R. D Martynov Vest protivovozd obor no 12 52-54 D '61.

Tactical and drill exercises in a company I. Sevriukov Voen vest. 41 no. 2:49-53 F '62.

Their own automotive training school N Ancharskaia Sov. voin 44 no 5:17 Mr '62.

This is the way we teach and train cadets V. V. Shchetinin. Vest protivovozd obor. no 12 63-65 D '61

MILITARY ENGINEERING

Engineer support. V. Gorlov. Voen. vest. 41 no. 12 39-41 D '61.

MILITARY ENGINEERS

Significant date. K. Nazarov. Voen vest 41 no. 2:78-82 F '62.

MILITARY FIELD ENGINEERING

Engineer organization of a company strong point in winter. P. Alekseev. Voen vest. 41 no 2.85-87 F '62

Organization of a cross-country route. F. Khorin Voen vest. 41 no 2:28-31 F '62.

MILITARY MEDICINE see Medicine, Military

MILITARY MUSIC, RUSSIAN

"From the taiga to the British Seas." A Shilov Sov voin 44 no 5:25-26 Mr '62.

MILITARY RADAR see Radar, Military

MILITARY RADIO see Radio, Military

MILITARY RECONNAISSANCE

Training of antiaircraft reconnaissance groups. V. Egorov. Voen. vest 41 no. 12 77-79 D '61.

Training of artillery scouts. N. Zaitsev Voen vest. 41 no 12.75-76 D '61.

Your solution? A separate reconnaissance patrol carries out a reconnaissance. Voen. vest. 41 no. 2 41 F '62

MILITARY SHOOTING see Shooting, Military

MILITARY SPORTS

Armor does not tolerate flabby muscles! N. Maksimova. Sov. voin. 43 no. 23-24-45 D '61.

Massiveness, skill. A. Krylov, I. Pozhidaev. Sov. voin 44 no. 5:34-35 Mr '62.

Training of medalists in the Organization for Work and Defense. N. Belokopytov. Voen vest. 41 no 2:60-62 F '62.

MILITARY STREAM CROSSING see Stream crossing, Military

MILITARY TOPOGRAPHY

Examination in the field. V. Plugin. Voen. vest. 41 no. 12:62-64 D '61.

Model of the relief of a locality. P. Mikhalev Voen. vest. 41 no. 2:107-108 F '62.

Orientation according to ground configuration. B. Zhukov. Voen. vest. 41 no. 12:66-68 D '61.

MILIUTENKO, DMYTRO OMELIANOVYCH, 1899-

Tereshchenko, R. N. [Dmytro Omelianovych Miliutenko, People's Actor of the U. S. S. R.] Dmytro Omelianovych Miliutenko; narodnyi artist SRSR. Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry URSR, 1961. 45 p.

MILK

Milk productivity of cows with different constitutions in relationship to the protein structure of the blood. M. S Portnova Dop UASHN 3 no. 2 39-41 Mr-Ap '60

Nitrogen metabolism in acute radiation sickness in dogs fed on milk-egg diet [with summary in English]. A. S. Kainova. Med. rad. no. 3 35-39 '62.

Olsevskis, P. [Processing milk on the farm] Piena apstrāde ferma. Riga, Latvijas Valsts izdevnieciba, 1961. 126 p. [In Latvian]
(DA)

MILK—ANALYSIS AND EXAMINATION see subdivision under Georgiyevsk District, Moscow Province

MILK—COSTS see subdivision under Transcarpatia

MILKING MACHINES
Effect of the vacuum level on the motor function of the teat sphincter in a buffalo udder. M.G. Aliev Izv.AN Azerb SsR Ser biol.i med nauk no.11 115-127 '61

MILLER'S-THUMB see subdivision under Baikal, Lake, Irtysh River

MILLET
(see also subdivision under Tajikistan)
Change of the growth rate and development of millet depending on the mineral content in the soil I.K. Artiukhov, M.I. Lugachov Dop. UASHN 3 no.2 12-14 Mr-Ap '60

MILLING MACHINERY
Improvement in the efficiency of ball mills lubrication systems U.F. Egerman Elek.sta. 33 no.2 6-10 F '62
Pepper mill with controlled motion of the cutting disks IU.V. Maslennikov Ryb.khoz. 38 no.3 49-50 '62

MILLING MACHINES
Frenkel', S.Sh. [Laboratory exercises and problems on milling work] Laboratornye raboty zadachi po frezernomu delu. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1961. 180 p.
The 6A21 turning and milling machine. V.F. Mikhailov Biul.tekh.-ekon.inform. no.2:19-20 '62
The 654 milling machine without a bracket I.P. Mal'tsev Biul.tekh.-ekon.inform. no.2,18-19 '62

MIME see subdivision under Egypt

MIMICRY (BIOLOGY)
Pigmentary reaction of cod to homogeneous and heterogeneous background. A.D. Chinarina. Trudy MMBI no.3 97-104 '61

MINE ACCIDENTS see subdivision under Baydzhansay; Krivoy Rog Basin

MINE DRAINAGE
Boring method for the erection of barrier-dams and its prospects I.K. Stanchenko, M.I. Chel'tsov Shakht.stroi. 6 no.3 4-7 Mr '62
Tatarinov, M.P. [Mine machinery, mine ventilation and drainage equipment] Gornaia mekhanika, rudnichnye ventiliatornye i vodootlivnye ustanovki. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 219 p. (C)

MINE DUSTS see subdivision under Ossetia

MINE DUSTS—CONGRESSES
Conference on mine dust control IA.A. Apel' Gig. truda i prof.zab. 4 no.1 57 Ja '60

MINE DUSTS—SAFETY MEASURES
(see also subdivision under Krivoy Rog Basin)
Methods for preventing silicosis among workers employed in quarries, pits, and mines A. Prokat. Gig.i san. 26 no.9 70-75 S '61.
New methods for ventilation and dust control. Bezop. truda v prom. 6 no.3 36-37 Mr '62.

MINE EXAMINATION
Calculating losses and depletions in the selective stripping of complex nonferrous and rare metal ores G.V. Sekisov, V.P. Michkarev Izv.AN Kir.SSR, Ser.est.i tekh.nauk 3 no.3 25-45 '61

MINE FIRES—SAFETY MEASURES
Check the design of fire flaps for mine shafts. A.P. Kurchenko, N.M. Shaido Bezop.truda v prom. 6 no.3: 8-9 Mr '62.

MINE GASES
Changes in gas evolution influenced by production processes in the area. A.F. Miletich, I.M. IArovoi, B.E. Gretsinger. Bezop.truda v prom. 6 no.3:21-22 Mr '62.

MINE GASES—TOXICOLOGY
Acute poisoning by explosion gases. N. Zakhariev, N. Bakrachev, I. Popov Gig.truda i prof.zab. 4 no.12:45-47 D '60

MINE HAULAGE
Study and practice of using concrete roads for heavy-duty dump trucks in open pits M.V. Vasil'ev. Trudy Gor.-geol.inst. UFAN SSSR no.57:137-143 '61.

MINE HAULAGE—EQUIPMENT AND SUPPLIES
Improving the haulage system on mine surfaces. IU.G. Avlasenko. Shakht.stroi. 6 no.3 18-19 Mr '62.

MINE HAULAGE—SAFETY MEASURES
Lesin, K.K. [Safety problems connected with underground transportation in coal mines] Voprosy bezopasnosti na podzemnom transporte ugol'nykh shakht. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po gornomu delu, 1961. 39 p.
Ways for preventing accidents in underground transportation A.I. Pustovalov, L.G. Smagliuk Bezop.truda v prom. 6 no.3:9 Mr '62

MINE HOISTING
Multi-rope hoist, fundamentals. L. Krupnin. Sbor.nauch.trud.Kaz.GMI no.19 172-181 '60
Temporary hoist without headframe at the "Ignat'evskaia" Mine G. Pivovar Prom.stroi.i inzh.soor. 3 no.2:62-63 Mr-Ap '61

MINE INSPECTION see subdivision under Chistyakovo

MINE MANAGEMENT
[Increase of labor productivity in mining enterprises] Pod"em proizvoditel'nosti truda na gornykh predpriiatiiakh. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po gornomu delu, 1961. 426 p.

MINE ROOF BOLTING—MODELS
Investigating the work of roof bolting of granular material models. S.S. Panchev, L.A. Petrov. Izv.vys.ucheb.zav., tsvet.met. 5 no.2:27-37 '62.

MINE SANITATION
Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva [Instructions for the application of "Sanitation standards for the design of industrial enterprises (N 101-54) in connection with the design of surface buildings and structures of coal mines, open-pit mines, and coal preparation plants", SN 172-61] Ukazaniia po primeneniiu "Sanitarnykh norm proektirovaniia promyshlennykh predpriiatii (N 101-54) pri proektirovanii razemnykh zdanii i sooruzhenii ugol'nykh shakht, kar'erov i obogatitel'nykh fabrik"; SN 172-61. Utverzhdeny.. 8 iiulia 1961 g. Moskva, Gos.izd-vo lit-ry po stroit., arkhit.i stroit.materialam, 1961. 31 p.

MINE SURVEYING
Angular measurement at sharply varying distances for sighting purposes. G.N. Gatov, E.P. Mastitskii. Sbor.nauch.trud.Kaz.GMI no.19:136-139 '60.
Improved console A. Markov, A. Pogoda. Sov.shakht. 11 no.4 31 Ap '62
Using a nomogram to solve some structural and mining geometry problems. V.A. Petrov Razved.i okh.nedr 27 no.10 49-52 O '61
Using a support for automatic centering fo a theodolite on an arbitrary center of a wall mark. T. Omarov, N.A. Kiiakunov Sbor.nauch.trud.Kaz.GMI no.19 82-85 '60.

MINE TIMBERING
(see also subdivision under Karaganda Basin)
Analysis of the efficiency of using the MPK powered movable supports. N.M. Kolabaev, Sh.G. Balgozhin Sbor.nauch.trud.Kaz.GMI no.19:29-39 '60.
Borisov, A.A. [New methods of designing and calculating rod bolting] Novye metody rascheta shtangovoi krepi. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po gornomu delu, 1962. 62 p.
Efficiency of using fiber glass anisotonic material for supports in mine workings. E. Suleev. Sbor.nauch.trud.Kaz.GMI no.19:182-185 '60.
Efficiency of using the Shch-54 powered movable support. Sh.R. Imanbaev, Sh.G. Balgozhin. Sbor.nauch.trud.Kaz.GMI no.19:121-131 '60.
Selecting an efficient type of supports for capital horizontal workings. I.D. Dzhandzhagava. Soob.AN Gruz.SSR 28 no.2:217-222 F '62
Supply of support elements in development mining with power-operated shields. N.S. Poltakov and others. Shakht.stroi. 6 no.3,19-20 Mr '62.

MINE TIMBERING—CONGRESSES
Conference on problems of rock pressure and the reinforcement of vertical workings. E.A. Mel'nikov. Shakht.stroi. 6 no.3:30 Mr '62.

MINE VENTILATION
Bukhman, IA.Z., and U.KH. Bakirov. [Local ventilation in metal mines] Mestnoe provetrivanie na metallicheskikh rudnikakh. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po gornomu delu, 1961. 198 p.
"Local ventilation in metal mines" by IA.Z. Bukhman, U.Kh. Bakirov. Bezop.truda v prom. 6 no.3:35 Mr '62.
New methods for ventilation and dust control. Bezop.truda v prom. 6 no.3:36-37 Mr '62.
Tatarinov, M.P. [Mine machinery, mine ventilation and drainage equipment] Gornaia mekhanika, rudnichnye ventiliatornye i vodootlivnye ustanovki. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po gornomu delu, 1960. 219 p. (C)
Ventilation as means for dust control in coal mine stopes. T.K. Efremova, N.P. Il'ina. Bezop.truda v prom. 6 no.3:19-20 Mr '62.

MINERAL AGGREGATES see Aggregates (Building materials)

MINERAL INDUSTRIES see subdivision under Korea, North

MINERAL INDUSTRIES—CONGRESSES
International symposium on extremely pure substances in science and technology. L.S. Petrov Izv.Sib.otd.AN SSSR no.1:108-109 '62

MINERAL WATERS see subdivision under Amur Valley; Baku region, Borzhomi, Dzhermuk, Moiynlin, Moscow, Orenburg Province; Tashkent

MINERAL WATERS—PHYSIOLOGICAL EFFECT see subdivision under Karaganda Province

MINERAL WATERS—THERAPEUTIC USE
Usefulness and harm of mineral waters. I. Kurdyn. Nauka i zhyttia 11 no.2 16 F '62

MINERAL WAX see Ozocerite

MINERALOGICAL CHEMISTRY see subdivision under Chu-Ili Mountains

MINERALOGY
Methodology of studying accessory minerals in igneous rocks. V.V. Ljakhovich, D.A. Rodionov. Trudy Inst.min.,geokhim.i kristallokhim.red.elem. no.6:11-35 '61.
New variation of the theodolite-immersion method V.G. Feklichev. Trudy Inst.min.,geokhim.i kristallokhim.red.elem. no.6:111-117 '61.

MINERALOGY, DETERMINATIVE
Preparation of samples for mineralogical analysis by the method of selective solvents V.D. Timofeev Razved.i okh.nedr 28 no.2 44-47 F '62

MINERALS
(see also subdivision under Kuqitang region)
Amakinite, a new mineral of the brucite-pyrochroite group. I.T. Kozlov, P.F. Levshov Zap.Vses.min.ob-va, 91 no.1,72-77 '62
Crystalline structure of lesserite [$Mg[B_6O_8(OH)_6] \cdot 5H_2O$]. A. Ashirov, I.M. Rumanova, N.V. Belov Dokl.AN 143 no.2:331-334 Mr '62
Form of the functions of the distribution of minerals in igneous rocks. D.A. Rodionov. Trudy Inst.min.,geokhim.i kristallokhim.red.elem. no.6:9-16 '61
Grigor'ev, D.P. [Ontogeny of minerals] Ontogeniia mineralov. [L'vov] Izd-vo L'vovskogo univ., 1961. 283 p.
The new boride ghuligite. V.V. Ivanova Dokl.AN SSSR 143 no.3,693-696 Mr '62.

MINERALS—OPTICAL PROPERTIES
Study of opaque ore minerals in the convergent polarized light. IU.K. Gumennyi. Inform.sbor.VSEGEI no.3 125-129 '59

MINERALS—TESTING
Microhardness of minerals. S.I. Lebedeva, I.S. Lyubimova. Trudy Inst.min.,geokhim.i kristallokhim.red.elem. no.6:111-117 '61.

MINERALS IN FOOD
Mineral composition of the muscle tissue of meat and verification of the correlation between the content of mineral elements and protein [with summary in English] E.N. Vasil'eva, N.E. Diubiuk, T.D. Lychnikova Vop.pit. 21 no.2:56-60 Mr-Ap '62.

MINERALS IN SOIL see subdivision under Tajikistan

MINERALS IN SOIL—BIBLIOGRAPHY see Bibliography—Minerals in soil

MINERS
They are working like communist should. P.I. Bogdanov Bezop.truda v prom. 6 no.3:29 Mr '62.

MINERS—SONGS AND MUSIC see subdivision under Donets Basin

MINERS IN LITERATURE AND ART—BIBLIOGRAPHY see Bibliography—Miners in literature and art

MINES AND MINERAL RESOURCES
(see also subdivision under Amur Province; India, Khabarovsk Territory; Kirghizistan; Komi A.S.S.R.; Latvia; Siberia)
Meeting of Soviet geologists with leaders of foreign mining trade unions participating in the 5th World Congress of Trade Unions. N.F. Kuprianenko Razved.i okh.nedr. 28 no.2:61-62 F '62.
"Mineral resources, their classification, and formation" by S.A. Vakhromeev Reviewed by V.A. Dvorkin, Samarskii, G.I. Tugovik. Izv.vys.ucheb.zav., geol.i razv. 5 no.2 105-106 F '62.

MINGECHAUR RESERVOIR—RESERVOIR SEDIMENTATION
Suspended matter and transparency of water in Mingechaur Reservoir, according to observations made during 1953-58. M.V. Zhuravlev. Dokl.AN Azerb.SSR 17 no.9:833-836 '61.

MINGECHAUR RESERVOIR—ZOOPLANKTON
Diurnal vertical migration of the zooplankton of the Mingechaur reservoir. N.F. Likhodeeva. Izv.AN Azerb.SSR.Ser.biol.i med.nauk no.11:71-78 '61.

MINIATURE ELECTRONIC EQUIPMENT
"Molectronics," radio engineering on a molecular level I. Volodarskii, V. Shcherbakov Nauka i zhizn' 29 no. 2 65-66 F '62

MINIATURE PAINTING, MOGUL
"Miniatures from the Babutnama manuscripts." Reviewed by G. F. Bingeeva Nat. Azii i Afr no. 1 187-189 '62

MINING ENGINEERING
(see also subdivision under Altai Mountain region, Sweden)
Advanced method for ore drawing from shrinkage stopes. A. M. Kabakov, N. N. Popov Bezop. truda v prom. 6 no. 3, 26-27 Mr '62
Dykhovichnyi, A. I., and Iu. A. Dykhovichnyi. [Reinforced-concrete structures and their use in mine construction] Zhelezobetonnye konstruktsii i ikh primenenie v shakhtnom stroitel'stve, izd. 2 Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1962 791 p.
Expediency of building towers for sinking vertical shafts V. Andreev Prom. stroi. i inzh. soor. 3 no. 2 37-38 Mr-Ap '61
Formulation of the problem of the stability of mine workings. I. V. Ershov Dokl. AN SSSR 141 no. 2, 305-307 Mr '62
Mining operations in the construction of gas reservoirs [from "Gas" no. 10, 1961, "Oil and Gas Journal," no. 18, 1958, no. 18, 1959]. N. A. Bakharovskii, V. I. Cherkashenninov. Shakht. stroi. 6 no. 3 26-29 Mr '62
Saving time and cutting costs in mine construction by using permanent installations and equipment. T. Golub' Prom. stroi. i inzh. soor. 3 no. 2 33-36 Mr-Ap '61
Solid-wall metal mine-shaft headframe. E. Simonovich Prom. stroi. i inzh. soor. 4 no. 2, 30-33 Mr-Ap '61
Use of short-delay blasting in the Yestyuninskoye Mine. P. S. Danchev and others. Trudy Gor.-geol. inst. Ur. AN SSSR no. 57 29-32 '61

MINING ENGINEERING—BIBLIOGRAPHY see Bibliography—*Mining engineering*

MINING ENGINEERING—COSTS
Planning the technique and technology of open-pit mining. N. G. Kapustin Izv. Sib. otd. AN SSSR no. 12 71-79 '61

MINING ENGINEERING—HYGIENIC ASPECTS
Principal problems of labor hygiene in the extraction of radioactive minerals [with summary in English]. A. V. Rykhovskii Med. rad. 5 no. 1 60-67 Ja '60

MINING ENGINEERING—PERIODICALS
Readers' conference. A. Babich Shakht. stroi. 6 no. 3 31-32 Mr '62

MINING ENGINEERING—SAFETY MEASURES
"Analysis of mine air" by N. I. Stognii. Reviewed by B. I. Anwaer Zav. lab. 28 no. 2 251 '62
Two systems for preventing cable slap on cages. A. I. Gavrilov. Bezop. truda v prom. 6 no. 3 30-31 Mr '62

MINING ENGINEERING—STUDY AND TEACHING
Objectives of the future development of students' scientific research. O. A. Baikonurov. Sbor. nauch. trud. Kaz. GMI no. 10:3-9 '60.

MINING GEOLOGY
Basic causes of losses of minerals in the earth. E. E. Blokha Razved. i okh. nedr. 28 no. 2 26-28 F '62
Bed position meter. I. I. Tulaev. Sbor. nauch. trud. Kaz. GMI no. 10:217 '60.
Studying the durability of frozen rocks. P. M. Tiatiunnik Shakht. stroi. 6 no. 3 11-14 Mr '62.
Using a camera for determining the bed position of geological structures. A. G. Lukhtanov, A. A. Kokovin. Sbor. nauch. trud. Kaz. GMI no. 10:132-135 '60.

MINING INDUSTRY AND FINANCE
Effect of ore loss and the admixture of enclosing rocks during mining on the economic aspects of metal production. V. A. Simakov. Izv. vys. ucheb. zav., tsvet. met. 5 no. 2:141-149 '62.

MINING MACHINERY
Kal'nitskii, IA. B., Kh. I. Abramson, and G. V. Rodionov. [Underground mechanical loading] Podzemnaia mekhanizirovannaia pogruzka. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 198 p.

MINING MACHINERY—ABSTRACTS
[Manufacture of *construction equipment and road machinery.* Mining Machinery] Ref. zhur. Otd. vyp. 43: Stroi. i dor. mashinostr. Gor. mash. nos. 1-2, 4-6 Ja-Mr '62.

MINING MACHINERY—MAINTENANCE AND REPAIR
Bamatov, P. S. [Repair and maintenance of mining equipment] Remont i obsluzhivanie shakhtnogo oborudovaniia. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 342 p.

MINORITIES see subdivision under Soviet Far East

MINKS
Biological characteristics of breeding of minks (Mustela vison Schreb). M. D. Abramov Nauch. trudy Nauch.-issl. inst. push., zver., i krol. 5 3-39 '60

MINSK—BEARING INDUSTRY
Ski lift without shoulder straps. A. Kutsei Belarus' 19 no. 3 10-11 Mr '62

MINSK—BOOKSELLERS AND BOOKSELLING
Store council. I. Shatilov, Sov. knizh. torg. 11 no. 3 19 Mr '62

MINSK—CONFECTIONERY
Veterans and young workers. I. Voronina Belarus' 19 no. 3 2-3 Mr '62

MINSK—EVENING AND CONTINUATION SCHOOLS
Work preparatory courses. A. M. Kolobov Sred. spets. obr. 9 no. 2 36-38 F '62

MINSK—MOTORCYCLE INDUSTRY
Commissions of a factory committee. N. IAnovskii Sov. profsoiuzy 18 no. 3 22-23 F '62

MINSK—TAILORING
Those who perform services. M. Bury. Belarus' 19 no. 3 10-11 Mr '62

MINSK PROVINCE—RURAL CONDITIONS
Falko and his friends. M. Zamski Belarus' 19 no. 3 3-5 Mr '62

MINSK UPLAND—BOTANY
Notes on rare plants found on the Minsk Upland. N. V. Kozlovskaia Biul. Inst. biol. AN BSSR no. 6:100-102 '61

MINUSINSK REGION—BENTONITE
Modified bentonite rocks in the Devonian of the Tuva and Minusinsk Depressions. G. N. Brovkov, V. T. Frolova. Dokl. AN SSSR 143 no. 4 943-946 Ap '62

MIRACLES
Exposed "miracles." IU. Afoshenko. Agitator no. 8: 60 Ap '62.

MISCARRIAGE see Abortion

MISSIONARIES, AMERICAN see subdivision under Hawaiian Islands

MITES
Biology of Trichoribates trimaculatus (C. L. Koch), 1836, an oribatid mite from the family Cerotozetidae. E. S. Shaldybina. Uch. zap. GGPI no. 27:133-152 '60

MITOCHONDRIA
Alcolase activity of the cardiac mitochondria in rabbits [with summary in English]. S. E. Severin, A. M. Zubovskaia Vop. med. khim. 7 no. 4 43-44 Jl-Ag '61.
Intra vitam detection of mitochondria in bacteria. M. N. Meleshin Dokl. AN SSSR 143 no. 4 955-957 Ap '62.

MITRAL VALVE
Structure and mechanism of the bicuspid valve of the heart. G. A. Orlov Grud. khir. 3 no. 6:26-31 N-D '61

MITRAL VALVE—DISEASES
Blood gases in cardiovascular insufficiency in mitral stenosis. IU. G. Antonov, E. N. Syromiatnikova. Kaz. med. zhur. no. 5:24-25 S-O '61
Diagnostic significance of pulmocapillary pressure in mitral stenosis [with summary in English]. V. I. Vasilev. Grud. khir. 1 no. 3 8-13 My-Je '59.
Electrokymograms of patients with rheumatic mitral and aortic lesions [with summary in English]. IU. L. Akimov. Kardiologiia 1 no. 3 58-72 My-Je '61
Functional state of the external respiratory apparatus in mitral stenosis [with summary in English]. I. F. Martynov. Grud. khir. 3 no. 6, 36-43 N-D '61
Interrelation of heparin and tissue antihyaluronidase in the blood serum of patients with mitral stenosis of rheumatic etiology [with summary in English]. E. P. Stepanian, S. A. Kolesnikov. Grud. khir. 2 no. 1:37-43 Ja-F '60.
Ligation of both exterior iliac veins by means of a curved suprapubic extraperitoneal incision in decompensated mitral disease [with summary in English]. K. T. Ovnatanian. Grud. khir. 2 no. 1:33-37 Ja-F '60
Relation between transaminase and bacterial antihyaluronidase in the blood serum in mitral stenosis of rheumatic origin [with summary in English]. A. N. Bakulev, L. P. Stepanian. Grud. khir. 2 no. 1:15-20 Ja-F '60.
Secretory and evacuatory function of the stomach in mitral stenosis. G. D. Tretiak. Vrach. delo no. 8:123-124 Ag '61.
Torpid course of *rheumocarditis in mitral stenosis* preceding and following commissurotomy [with summary in English]. P. A. Kupriianov, T. G. Blestkina. Kardiologiia 1 no. 3 38-45 My-Je '61
X-ray study of the heart and vessels of the lesser circulation in thrombosis of the left atrium. I. Kh. Rabkin, G. M. Solovlev, E. A. Grigorian. Terap. arkh. 34 no. 2 25-30 '62.

MITRAL VALVE—SURGERY
Atelectasis of the lower lobe of the left lung after mitral commissurotomy [with summary in English]. A. S. Domrachev. Vest. khir. no. 3:14-19 '62.
Changes in the electrocardiograms of patients with mitral stenosis prior to and following mitral commissurotomy [with summary in English]. B. M. Kogan. Grud. khir. 1 no. 3, 13-21 My-Je '59
Experimental surgical treatment of mitral insufficiency [with summary in English]. N. V. Levashov. Grud. khir. 2 no. 1:29-33 Ja-F '60
Late results of mitral commissurotomy in the light of electrocardiographic data [with summary in English]. N. A. Pastukhov. Grud. khir. 2 no. 3, 19-24 My-Je '60
Multiple myocardial infarcts following surgery for mitral stenosis. E. N. Isakova. Vest. khir. no. 8 85-87 '61.
One-step operation on the heart and lung for mitral stenosis and bronchoectasis [with summary in English]. E. S. Tushnikov. Grud. khir. 1 no. 3:112-116 My-Je '59
Preoperative oxygen treatment in mitral disease [with summary in English]. S. N. Strakhov. Grud. khir. 2 no. 1:25-29 Ja-F '60
Present-day surgical problems in mitral stenosis. V. M. Sergeev. Grud. khir. 2 no. 3:109-115 My-Je '60.
Pulmonary complications following mitral commissurotomy [with summary in English]. I. A. Komarov. Grud. khir. 2 no. 3:16-19 My-Je '60
Repeated operations in recurrent mitral stenosis. N. M. Genin. Grud. khir. 1 no. 4 105-111 Jl-Ag '59.
Right-side approach in mitral commissurotomy [with summary in English]. S. A. Kolesnikov, N. M. Genin. Grud. khir. 1 no. 3, 3-9 My-Je '59
Some problems concerning the technique of commissurotomy in mitral stenosis. N. V. Putov. Grud. khir. 1 no. 5:8-16 S-O '59.
Survey of surgical methods for the treatment of mitral insufficiency [with summary in English]. A. T. Pulatov. Grud. khir. 1 no. 4 111-121 Jl-Ag '59.
Technique of commissurotomy [with summary in English]. A. A. Busalov. Grud. khir. 2 no. 3 8-15 My-Je '60
Technique of mitral commissurotomy. S. A. Kolesnikov. Grud. khir. 2 no. 1:3-15 Ja-F '60.

MITRIDAT MOUNTAIN—CITIES AND TOWNS, RUINED, EXTINCT, ETC.
Archaeological excavations of Panticapeum. N. I. Sokol'skii. Krat. soob. Inst. arkheol. no. 83 32-45 '61

MITRIDAT MOUNTAIN—CLASSICAL ANTIQUITIES
Archaeological excavations of Panticapeum. N. I. Sokol'skii. Krat. soob. Inst. arkheol. no. 83:37-45 '61.

MIXING MACHINERY
Determination of power expended on the operation of a centrifugal mixer for free-flowing materials. A. M. Khval'nov. Khim. mash. no. 2:20-23 Mr-Ap '62.

MODELS AND MODELMAKING
"School models on construction, industrial hygiene and building machinery" by I. V. Kondratenko, I. A. Shoshman. Reviewed by K. N. Chernogazov. Sred. spets. obr. 9 no. 3 58-59 Mr '62.

MODERN HISTORY see History, Modern

MODULATION (ELECTRONICS)
Some methods for increasing the interference proofness of pulse-code modulation signals and the use of these methods in a distant telemetering system. A. A. Zhuzhin-Zinchenko, V. A. Lutskii. Aviom. i prib. no. 1 21-25 Ja-Mr '62.

MOGILEV—COMMUNIST YOUTH LEAGUE
Let's teach on the basis of good examples. V. Kushnerov. Komsom. zhizn' no. 4:25-26 F '62.

MOGILEV PROVINCE—COMPOST
Experience in using manure-soil composts in Mogilev Province. G. P. Timokhenko. Zemledelie 24 no. 2: 70-72 F '62.

MOGILEVSKII, IAKOV ANDREEVICH, 1882-1961
In memory of IAkob Andreevich Mogilevskii. Gig. i san. 26 no. 8:115 S '61.

MOHAMMEDANISM see subdivision under Uzbekistan

MOHOLE PROJECT
Drilling extra-deep holes. B. I. Vozdvizhenskii. Razved. i okh. nedr. 27 no. 12:24-30 D '61

MOISEEV, SERGEI GLEBOVICH
Sergei Glebovich Moiseev. Klin. med. no. 3 5-6 '62.

MOISTURE
Fast determination of moisture in fish meal. M. I. Morshtyn. Ryb. khoz. 38 no. 3, 67-70 '62.

MOLASSES
Evaluating molasses as raw materials for the yeast industry. O. A. Bakushinskaia. Khleb. i kond. prom. 6 no. 3:10-11 Mr '62.

MOLDAVIA—AGRICULTURE
Let's improve the structure of sowing acreage and increase the yield. G. Afteniuk. *Kommun. Mol.* 7 *no. 2:* 19-26 F '62.

MOLDAVIA—CHEMISTRY, INORGANIC—CONGRESSES

Conference on general and applied chemistry in the Moldavian Republic. A. V. Ablov, D. G. Batyr. Zhur. neorg. khim. 7 no. 2 445-446 F '62.

MOLDAVIA—COLLECTIVE FARMS

On a Moldavian collective farm. G. Pantelcev and others. Sel'. mekh. no. 1 7-10 '62.

MOLDAVIA—COMMUNIST EDUCATION

Study room of political education as a center of methodological work. I. Savchenko, P. Lerman. Komm. Mold. 7 no. 2 27-32 F '62.

MOLDAVIA—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

For the dynamic and aggressive ideological work. Komm. Mold. 7 no. 2 3-8 F '62.

Improve continually the administrative leadership of the party. P. Voronin. Komm. Mold. 7 no. 2 9-18 F '62.

MOLDAVIA—CORN (MAIZE)

They are ready for spring. V. Afanas'ev. Komsom. zhizn' no. 1 2-5 F '62.

MOLDAVIA—EDUCATION

Kraciun, A. [Development of public education in the Moldavian S. S. R. in the period between the 20th and 22d Congresses of the CPSU] Razvitie narodnogo obrazovaniia v Moldavskoi SSR v period mezhdu XX i XXII s"ezdami KPSS. Kishinev, Gos. izd-vo "Kartia moldovenaske," 1961. 58 p.

MOLDAVIA—EDUCATION, COOPERATIVE

These problems demand urgent solution. K. Kozub, A. N. A. Novikova. Komm. Mold. 7 no. 2 73-75 F '62.

MOLDAVIA—ELECTRIC EQUIPMENT INDUSTRY

Development of electrical equipment industry in Moldavia. N. A. Shchelokov. Vest. elektroprom. 33 no. 3 1-3 Mr '62.

MOLDAVIA—FORESTS AND FORESTRY

Present condition and prospective development of forestry and shelterbelt afforestation in Moldavia. Z. K. Vargina. Les. khoz. 15 no. 3 2-6 Mr '62.

MOLDAVIA—GRAPES

Prints, IA. I. [Cultivation of scion-rooted grapes in Moldavia] Kultura vitsei de vie nealtoite yn Moldova; editsiia a doua. Kishineu, Editura de stat "Kartia moldovenaske," 1960. 96 p. [In Moldavian]
(DA)

Zaltur, G. K. [Soil erosion in vineyards and its control] Erozila pochv na vinogradnikakh i bor'ba s nei. Kishinev, Gos. izd-vo "Kartia moldovenaske," 1961. 35 p.
(DA)

MOLDAVIA—HISTORICAL RESEARCH

Rapid development of historical studies in the Moldavian S.S.R. S.M. Levit. Ist. SSSR 6 no. 1 219-223 Ja-F '62.

MOLDAVIA—INDUSTRIES

Prostomolotov, F., and A. Petrinkov. [Light industry in Moldavia during the seven-year plan] Legkaia promyshlennost' Moldavii v semiletke. Kishinev, Kartia moldovenaske, 1960. 94 p.
(WU)

MOLDAVIA—LOCAL GOVERNMENT

Andreev, B., and K. Savin. [Organizational work of rural soviets in Moldavia] Organizatsionno-massovaia rabota sel'skikh sovetov Moldavii. Kishinev, Gos. izd-vo "Kartia moldovenaske," 1959. 146 p.
(NNC)

MOLDAVIA—OAK

Pubescent oak plantations in Moldavia. L. P. Nikolaeva. Les. khoz. 15 no. 2 16-18 F '62.

MOLDAVIA—SCIENCE—CONGRESSES

Nauchnaia konferentsiia molodykh uchenykh Moldavii, 1st, 1958. [Transactions of the First Conference of Young Moldavian Scientists] Trudy. Kishinev, Gos. izd-vo "Kartia Moldovenaske," 1960. 390 p.

MOLDAVIA—SOIL MICRO-ORGANISMS

Microbiological characteristics of Moldavian soils [with summary in English]. S. IA. Mekhtiev. Izv. AN SSSR. Ser. biol. 27 no. 1 48-55 Ja-F '62.

MOLDAVIA—WATER, UNDERGROUND

Babinets, A. E. [Underground waters in the southwestern part of the Russian Platform, distribution and conditions of formation] Podzemnye vody iugo-zapada Russkoi platformy; rasprostranenie i usloviia formirovaniia. Kiev, Izd-vo Akad. nauk USSR, 1961. 377 p.

MOLDAVIAN LITERATURE—HISTORY AND CRITICISM

Preserve classical heritage. IU. Kozhevnikov. Vop. lit. 6 no. 1 97-121 Ja '62.

MOLDING (FOUNDING)

Loam preparation system for the automatic molding line. I. I. Sankov. Lit. proizv. no. 3 19-23 Mr '62.

MOLDS (BOTANY)

Carbonic acid requirement and its role in the metabolism of mold fungi [with summary in English]. S. A. Barinova. Mikrobiologiia 31 no. 1 10-17 Ja-F '62.

MOLECULAR DYNAMICS

Magnetic properties of paramagnetic "fluids" of the molecular chain type [with summary in English]. V. L. Ginzburg, V. M. Fain. Zhur. eksp. i teor. fiz. 42 no. 1 183-190 Ja '62.

Using the frequencies of isotopic molecules for determining the force constants of XY_2 type nonlinear asymmetrical molecules. R. R. Shvangiradze, Sh. Z. Dzhanmagidze. Opt. i spektr. 12 no. 3 364-368 Mr '62.

MOLECULAR ROTATION

Comments on the article "Rotational spectrum of the cyanamide molecule." J. K. Tyler, L. F. Thomas, J. Sheridan. Opt. i spektr. 12 no. 3 452 Mr '62.

MOLECULAR SPECTRA

Fluorescence polarization of complex molecules. L. G. Pikulik, V. N. Snopko. Dokl. AN BSSR 6 no. 3 155-158 Mr '62.

Spectroscopic method of investigating complex formation. G. K. Il'ich, V. S. Rubanov. Dokl. AN BSSR 6 no. 3 159-163 Mr '62.

Universal molecular interactions and their effect on the position of the electronic spectra of molecules in two-component solutions. Part 2: Phthalimide derivatives (liquid solutions). N. G. Bakhshiev. Opt. i spektr. 12 no. 3 350-356 Mr '62.

MOLECULES

Influence of pressure, temperature, and electric field on the behavior of molecular patterns. V. A. Shishkin, S. Z. Roginskii. Dokl. AN SSSR 143 no. 2 373-376 Mr '62.

MOLIERE, JEAN BAPTISTE POQUELIN, 1622-1673

Bulgakov, M. A. [Life of Monsieur Moliere] Zhizn' gospodina de Mol'era. Moskva, Izd-vo TsK VLKSM "Molodaia gvardiia," 1962. 237 p. (Zhizn' zamechatel'nykh liudei. Seriia biografii, no. 1(334))

MOLLUSKS
(see also subdivision under Caspian Sea)

Biology of the mollusk Bithynia leachi (Sheppard, 1823) [with summary in English]. L. I. Vinogradov. Zool. zhur. 41 no. 3 464-465 Mr '62.

Why does a hare have thin skin? I. Akimushkin. Nauka i zhizn' 29 no. 2 47-49 F '62.

MOLLUSKS, FOSSIL
(see also subdivision under Crimea, Lena Valley)

Recent data on phylogenetic relationships between Pontic and Cimmerian mollusk faunas. N. P. Dzhanelidze. Soob. AN Gruz. SSR 28 no. 2 195-202 F '62.

MOLODOVA (KEL'MENTSY DISTRICT)—STONE AGE

Chernysh, O. P. [The Paleolithic site of Molodova No. 5] Paleolitychna stoianka Molodove V. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 171 p.

MOLYBDENUM

Secondary emission during the bombardment of molybdenum by neutral atoms and ions of argon. U. A. Arifov, R. R. Rakhimov, Kh. Dzhurakulov. Dokl. AN SSSR 143 no. 2 309-311 Mr '62.

MOLYBDENUM—PHYSIOLOGICAL EFFECT

Effect of different concentrations of molybdenum in the environment on content of molybdenum in the blood of dogs. G. M. Kaprielov, IA. Karakhanov. Izv. AN Turk. SSR. Ser. biol. nauk no. 1 80-81 '62.

Role of molybdenum in the increase of pea yields. V. I. Martynenko, V. I. Ivanova. Zemledelie 24 no. 2 72-74 F '62.

MOLYBDENUM BROMIDE

Distribution of molybdenum and tungsten in the system hydrobromic acid - organic solvent. F. G. Zharovskii, A. G. Sakhno. Ukr. khim. zhur. 28 no. 2 145-150 '62.

MOLYBDENUM BROMIDE—THERMAL PROPERTIES

Thermodynamic study of molybdenum dibromide [with summary in English]. S. A. Shchukarev and others. Vest. LGU 17 no. 4 148-153 '62.

MOLYBDENUM-CHROMIUM-TUNGSTEN ALLOYS see Chromium-tungsten-molybdenum alloys

MOLYBDENUM COMPOUNDS

Interaction of sexivalent molybdenum with disodium salt of pyrocatechol-3, 5-disulfonic acid (tiron). A. I. Busev, Chzhan Fan'. Izv. vys. ucheb. zav.; khim. i khim. tekh. 4 no. 6 905-913 '61.

Structure of the $Na_2[MoO_3C_2O_4] \cdot H_2O$ complex and its place in the classification of molybdenum compounds. L. O. Atovmian, G. B. Bokii. Dokl. AN SSSR 143 no. 2 342-344 Mr '62.

MOLYBDENUM-NICKEL ALLOYS see Nickel-molybdenum alloys

MOLYBDENUM ORES

Adjusted coefficient for core samples in prospecting for stockwork molybdenum deposits. A. S. Fil'ko. Razved. i okh. nedr. 27 no. 12 16-24 D '61.

Molybdenum recovery from "Sorskoye" deposit oxidized ores and low-grade concentrates. A. N. Zelikman, N. N. Gorovits. Shor. nauch. trud. GINTSVETMET no. 33 186-201 '60.

MOMENTS OF INERTIA

Determining inertia moments of a circular segment of a sector of a ring. M. K. Bondarev. Vest. mash. 42 no. 3 41-42 Mr '62.

MONASTERIES see subdivision under Pechersk Lavra, Carpathia

MONEY
(see also subdivision under Ukraine)

Slavnyi, I. D. [Studies in planning currency circulation] Ocherki planirovaniia denezhnogo obrashcheniia. Moskva, Gosfinizdat, 1961. 270 p.

MONGOLIA—AGRICULTURE

"The socialist transformation of agriculture in the Mongolian People's Republic" by G. S. Matveeva. Reviewed by M. I. Gol'man. Nar. Azii i Afr. no. 1 167-169 '62.

MONGOLIA—ANTIQUITIES

New development in the study of the ancient cultures of Mongolia. A. P. Okladnikov. Sovetsk. no. 1 [illegible] F '62.

MONGOLIA—ECONOMIC CONDITIONS

Inspiring ideas. IU. Tsedenbal. Nar. Azii i Afr. no. 1 3-5 '62.

MONGOLIA—PETROGLYPHS

New development in the study of the ancient cultures of Mongolia. A. P. Okladnikov. Sovetsk. no. 1 [illegible] F '62.

MONGOLIAN SONGS see Songs, Mongolian

MONTEVIDEO—THEATER

In Uruguay. Atagualpa del Choppo. Teatr. [illegible] Mr '62.

MONILIASIS

Anginas in children caused by a yeastlike fungus of the genus Candida [with summary in English]. V. [illegible] in, M. O. Gasparian. Sov. med. 25 no. [illegible] '62.

Candidomycosis in surgical practice. I. I. Grishil' [illegible], I. N. Grishin, P. M. Galuta. Zdrav. Bel. [illegible] Ja '62.

Pathological anatomical changes in visceral [illegible] [with summary in English]. O. K. Khmel'nitskaia [illegible] pat. no. 3 20-27 '62.

Some cases of monilíasis of the internal organs. G. I. Skvortsova, L. N. Zelenskaia. Vrach. delo no. 11 131 Ag '61.

MONOSACCHARIDES

Chromatography of monosaccharide derivatives on a layer of aluminum oxide. N. K. Kochetkov, B. A. Dmitriev, A. I. Usov. Dokl. AN SSSR 141 no. 4 [illegible] Ap '62.

MONSTERS

Case of combined monstrosity. A. T. Akilov, [illegible] fildi. Med. zhur. Uzb. no. 1 89-90 Ja '62.

Three unusual cases of congenital defects in the development of newborn infants. R. Kh. Amirov. Vopr. okh. mat. i det. 7 no. 1 90-91 Ja '62.

MONUMENTS see subdivision under Pereyaslavl-Zalesskiy, Mitakiy

MOON

Brightness distribution over the lunar disk. V. A. [illegible] skaia, V. I. Ezerskii. Izv. Kom. po fiz. plan. [illegible] 68-73 '61.

MOON—SURFACE

Changes in the brightness of lunar details in relation to the azimuth and sections of lunar indicatrices. N. P. Barabashov. Izv. Kom. po fiz. plan. no. 1 31 [illegible]

Color characteristics of the lunar surface according to observations made close to the true full moon. V. I. Teifel'. Izv. Kom. po fiz. plan. no. 3 56-61 '61.

Lunar radio emission and the physical state of matter on the lunar surface. V. S. Troitskii. Izv. Kom. po fiz. plan. no. 3 16-30 '61.

Microstructure of the lunar surface. N. P. Barabashov, V. I. Garazha. TSir. Astron. obser. Khar. un-ta no. 11 3-13 '61.

Microstructure of the lunar surface [with summary in English]. N. P. Barabashov, V. I. Garazha. Astron. zhur. 39 no. 2 305-314 Mr-Ap '62.

Spectrophotometric observations of lunar craters. N. P. Barabashov, V. I. Ezerskii. Izv. Kom. po fiz. plan. no. 3 50-55 '61.

State of the crater Alphonsus before the eruption of November 3, 1958. T. A. Polozhentseva. Izv. Kom. po fiz. plan. no. 3 46-49 '61.

MOORING OF SHIPS see Anchorage

MORAINES see subdivision under Pamir-Alay

MORAL EDUCATION

Moral code is the orientation mark of a children's society. G. Levinson. Klub 11 no. 2 18-19 F '62.

We have to bring up our replacements. V. Fatianov. Sem'ia i shkola 2 no. 3 16 Mr '62.

MORALE

Tolmachev, I. I. [Regulations on the morale and combat qualities of Soviet soldiers] Ustavy o moral'no-boevykh kachestvakh sovetskikh voinov. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 96 p.

MORDOVIA—EDUCATION, COOPERATIVE

Placing students on paid jobs in production work. D. F. Endovitskii. Sred. spets. obr. 9 no. 2: 25-26 F '62.

MORDOVO DISTRICT—STOCK AND STOCKBREEDING

Members of the Communist Youth League go to farms. IU. Bondarenko. Komsom. zhizn' no. 1: 6-7 F '62.

MORDVINIAN A.S.S.R. see Mordovia

MORDVINIANS

"The ethnic history of the Mordvinian people." Reviewed by N. Vorob'ev. Sov. etn. no. 1: 121-123 Ja-F '62.

MOROCCO—DESCRIPTION AND TRAVEL

Visiting the towns of Morocco. G. Kholl'nyi. Az. i Afr. segodnia no. 3: 30-31 Mr '62.

MOROCCO—PALEOGEOGRAPHY

Problems in the paleogeography of the Quaternary in Morocco. K. K. Markov. Trudy Kom. chetv. per. no. 26: 103-119 '64.

MORPHOLOGY

Increased requirements for historical-morphological research. IU. V. Bukin. Sov. zdrav. 21 no. 3: 68-72 '62.

MORPHOLOGY—CONGRESSES

Account of the work of the Conference of Morphologists of Eastern Siberia and the Far East. E. I. Voiloshnikova. Arkh. anat. gist. i embr. 41 no. 12: 104-109 D '61.

MORPHOLOGY—PERIODICALS

Polish morphology journal "Folia morphologica" (organ of the Polish Anatomical Society) for 1960. E. A. Dobrovol'skaia-Zaitseva. Arkh. anat. gist. i embr. 41 no. 12: 109-113 D '61.

MORPHOLOGY (ANIMALS)—CONGRESSES

Konferentsiia molodykh nauchnykh sotrudnikov Moskovskikh morfologicheskikh laboratorii. 1st. [Transactions of the First Conference of Young Staff Members of Morphological Laboratories in Moscow] Trudy. Pod red. T. A. Grigor'evoi, A. V. Zelenina i G. A. Savich. Moskva, Vses. ob-vo anatomov, gistologov i embriologov, 1959. 139 p.

[MICROFILM]

MORSHIN—MINERAL WATERS

Effect of Morshin mineral water on gastric leucopedesis. M. V. Polishchuk. Vrach. delo no. 2: 141-143 F '62.

MORTALITY see subdivision under Voronezh Province

MORTAR

Technology of a dust-free, granulated, moisture-absorbing clinos mortar. I. S. Kainarskii, E. V. Degtiareva, V. A. Kukhtenko. Ogneupory 27 no. 2: 53-59 '62.

MORTAR—TESTING

Device for testing samples of concrete and mortar for waterproofness. G. P. Bovin. Bet. i zhel.-bet. 8 no. 3: 132-133 Mr '62.

MOSAICS

New technique for the manufacture of mosaic structural elements. I. Sverdlov. Stroi. i arkhit. 9 no. 11: 34-35 N '61.

MOSCOW

Let's create a book on Moscow. German Nagaev. V mire knig 2 no. 2: 42 F '62.

MOSCOW—ACTING—STUDY AND TEACHING

Fourteen hours a day. E. Nifazova, V. Ashkenazi. Teatr 23 no. 3: 30-31 Mr '62.

MOSCOW—ADENOVIRUS INFECTIONS

Immunological structure of the population of Moscow in relation to adenoviruses [with summary in English]. R. S. Dreizin, E. E. Zolotarskaia, A. A. Davydova. Vop. virus. 7 no. 1: 85-91 Ja-F '61.

MOSCOW—AMATEUR THEATRICALS

This is as necessary as bread. A. Balinov. Teatr 23 no. 3: 25 Mr '62.

MOSCOW—AMBULANCE SERVICE

Ambulance with special facilities for shock treatment. A. I. Lopeshov. Fel'd. i akush. 27 no. 2: 30-32 F '62.

MOSCOW—APARTMENT HOUSES

Finished in 48 working days. N. Egorov, I. Zhishchinskii, N. Ogurtsov. Stroi. i arkhit. Mosk. 10 no. 12: 1-3 D '61.

MOSCOW—ART

Moscow. Gosudarstvennaia Tret'iakovskaia gallereia. [Guidebook: the art of the second half of the 19th century] Putevoditel'; iskusstvo vtoroi poloviny XIX veka. Moskva, "Iskusstvo," 1959. 326 p.

(RPB)

MOSCOW—ART GALLERIES AND MUSEUMS

Paintings return home. A. Zhukova. Ogonek 40 no. 14: 16 Ap '62.

MOSCOW—AUTHORS AND READERS

Warm friendship. IU. Alin. Sov. patriot. koop. 6 no. 3: 1 Mr '62.

MOSCOW—AUTOMOBILE INDUSTRY

"Your happiness, soldier, and ours, is in work!" G. Osinovskikh. Sov. profsoiuzy 18 no. 3: 18-19 F '62.

MOSCOW—AUTOMOBILE RACING

Competitions without training. V. Martiuk. Za rul. 20 no. 3: 11-12 Mr '62.

MOSCOW—BAKED PRODUCTS

Preparation of wheat protein bread. N. I. Bolsunova, B. V. Arsen'ev. Khleb. i kond. prom. 6 no. 3: 38-40 Mr '62.

MOSCOW—BEARING INDUSTRY

Practice in the mechanization and automation of assembling operations at the First State Bearing Plant. V. I. Narkevich. Mashinostroitel' no. 3: 23 Mr '62.

MOSCOW—BOOKSTORES

School, store and club. L. Volozhin. Sov. knizh. torg. 14 no. 3: 30-31 Mr '62.

MOSCOW—BOTANICAL GARDENS

Moscow. Glavnyi botanicheskii sad. [Native plants of the U. S. S. R.; brief summary of introduction work in the Main Botanical Garden of the Academy of Sciences of the U. S. S. R.] Rastenita prirodnoi flory SSSR, kratkie itogi introduktsii v Glavnom botanicheskom sadu Akademii nauk SSSR. Moskva, Iz-vo Akad. nauk SSSR, 1961. 359 p.

MOSCOW—BRAKES

Technical and economic basis of a plan for the increase of labor productivity. V. L'vov. Biul. nauch. inform. trud i zar. plata 5 no. 3: 19-26 '62.

MOSCOW—CHILDREN'S PLAYS

An infant is also a human being. V. Shitova. Teatr 23 no. 3: 16-17 Mr '62.

MOSCOW—CIRCUS

School of courage, dexterity and craftsmanship. V. Grinman, L. Shtapin. Sred. spets. obr. 9 no. 3: 51-55 Mr '62.

MOSCOW—CITY PLANNING

The central part of southwestern Moscow. E. Stamo, M. Poltoratskii. Stroi. i arkhit. Mosk. 10 no. 12: 14-17 D '61.

Negatino is a new district of the capital. P. Zinov'ev, B. Etkin. Stroi. i arkhit. Mosk. 10 no. 12: 18-19 D '61.

Novyy Arbat. A. Zaitsev. Stroi. i arkhit. Mosk. 10 no. 12: 12-13 D '61.

MOSCOW—CLOTHING INDUSTRY

That was our beginning. G. Zabelina. Izobr. i rats. no. 2: 17-18 F '62.

Why we do not satisfy demand. V. Rodionov. Sov. torg. 35 no. 3: 13-16 Mr '62.

MOSCOW—COFFEEHOUSES

"Molodezhnoe", a coffeehouse on Gorkiy Street. Stroi. i arkhit. Mosk. 10 no. 12: 25 D '61.

MOSCOW—COMMUNIST PARTY OF THE SOVIET UNION

Monday-Tuesday. Z. Khiren. Ogonek 10 no. 10: 23-24 Mr '62.

We should develop the spirit of accountability to the party and the Soviet people among party members. N. Egorychev. Part. zhizn' no. 8: 18-24 Ap '62.

MOSCOW—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Initiative in action. V. Gavrilov. Polit. samoobr. 6 no. 3: 89-91 Mr '62.

MOSCOW—COMMUNITY AND SCHOOL

"Council of friends." N. Vasil'eva, O. Maksimova. Komsom. zhizn' no. 5: 20-21 Mr '62.

Educational work of a housing office. L. A. Zavarina. Nach. shkola 30 no. 4: 45-46 Ap '62.

MOSCOW—CONSTRUCTION INDUSTRY

In the Executive Committee of the Moscow Council. Stroi. i arkhit. Mosk. 10 no. 12: 35 D '61.

Kosorukov, I. I. [Solid comfortable, and beautiful] Prochno, udobno, krasivo. [Moskva] Mosk. rabochii, 1961. 53 p.

Work and studies. G. Lamochkin. Mol. komm. no. 4: 93-95 Ap '62.

MOSCOW—DISTRIBUTIVE EDUCATION

Interesting seminar. Sov. knizh. torg. 14 no. 3: 31-32 Mr '62.

School, store and club. L. Volozhin. Sov. knizh. torg. 14 no. 3: 30-31 Mr '62.

MOSCOW—EDUCATION, PRESCHOOL

Let's carry out the decisions of the 22d Congress. V. Izgarsheva. Doshk. vosp. 35 no. 4: 34-36 Ap '62.

MOSCOW—EXHIBITIONS

Exhibition of books of the German Democratic Republic in Moscow. S. B. Talingator. Poligr. proizv. no. 2: 22-26 F '62.

Exhibition of the achievements of industrial enterprises of the Moscow City Economic Council at the Exhibition of the Achievements of the National Economy. E. S. IAmpol'skii. Biul. tekh.-ekon. inform. no. 2: 79-80 '62.

Exhibition of the topic "Mechanization of reforestation operations." Les. khoz. 15 no. 3: 91 Mr '62.

Members of the All-Union Voluntary Society for Assistance to the Army, Air Force and Navy Clubs take part in the Exhibition of the Achievements of the National Economy of the U. S. S. R. V. Kozlmin. Za rul. 20 no. 3: 4 Mr '62.

Survey of the stitching and bookbinding processes used in books of the German Democratic Republic. A. I. Dubasov. Poligr. proizv. no. 2: 26-27 F '62.

MOSCOW—FIELD MICE—EXTERMINATION

Water vole control in a closed urban reservoir [with summary in English]. V. M. Fomushkin. Zool. zhur. 40 no. 12: 1899-1900 D '61.

MOSCOW—GEOGRAPHICAL SOCIETIES

Survey of the work on the study, evaluation and efficient utilization of land resources of the Department of Physical Geography of the Moscow Branch of the Geographical Society of the U. S. S. R. (1957-1960). G. M. Ignat'ev. Vop. geog. no. 54: 165-171 '61.

MOSCOW—HEALTH BOARDS

An efficient organizer. Faina Maiits. Sov. deput. trud. no. 3: 84-86 Mr '62.

MOSCOW—HOME AND SCHOOL

University of pedagogical culture. L. N. Gabidulina, M. A. Krasnopevtseva, L. I. Aleksandrovskaia. Doshk. vosp. 35 no. 1: 89-90 Ap '62.

MOSCOW—INDUSTRIAL HYGIENE

"Red rose." M. A. Kemareva. Sov. krasnokrest. 11 no. 4: 9 Jl-Ag '61.

MOSCOW—INDUSTRIAL MANAGEMENT

Improvement of the quality and reliability of articles manufactured in the enterprises of the Moscow City Economic Council. P. D. Aleksandrov. Biul. tekh.-ekon. inform. no. 2: 81-82 '62.

MOSCOW—INDUSTRIES

Exhibition of the achievements of industrial enterprises of the Moscow City Economic Council at the Exhibition of the Achievements of the National Economy. E. S. IAmpol'skii. Biul. tekh.-ekon. inform. no. 2: 79-80 '62.

MOSCOW—INSURANCE, SOCIAL—EMPLOYEES

Man with a great soul. N. Rulev. Sots. obesp. 23 no. 3: 21-24 Mr '62.

MOSCOW—IONOSPHERE

Akademiia nauk SSSR. Institut zemnogo magnetizma, ionosfery i rasprostraneniia radiovoln. [Materials of ionospheric research. Moscow (Krasnaya Pakhra)] Materialy ionosfernykh issledovanii: Moskva, (Krasnaia Pakhra), Moskva,

July-Aug. 1957. 1960. 78 p.
Sept.-Oct. 1957. 1960. 77 p.
Nov.-Dec. 1957. 1960. 67 p.
Jan.-Feb. 1958. 1960. 71 p.
Mar.-Apr. 1958. 1960. 76 p.
May-June 1958. 1960. 75 p.
July-Aug. 1958. 1960. 83 p.
Sept.-Oct. 1958. 1960. 73 p.
Nov.-Dec. 1958. 1960. 67 p.

MOSCOW—JEWELRY TRADE

Let "Berezka" grow. S. Selivankin. Sov. torg. 35 no. 3: 40-44 Mr '62.

MOSCOW—LEATHER INDUSTRY

New developments in the technology of soaking and liming processes in the Moscow leather factories. P. I. Levenko. Kozh.-obuv. prom. 4 no. 1: 29-31 Ja '62.

MOSCOW—LIBRARIES, PRIVATE

"A catalog of V. I. Lenin's library in the Kremlin." Reviewed by B. Kamenetskii, R. Inglezi. Mol. komm. no. 4: 140-113 Ap '62.

MOSCOW—LIBRARIES, THEATRICAL

In a theatrical library. K. Zhdanova, V. Berezkin. Teatr 23 no. 3: 22-23 Mr '62.

MOSCOW—MACHINERY INDUSTRY—FINANCE

Some problems in financing and supplying credit for the reconstruction of Moscow enterprises. V. Mamanov. Fin. SSSR 23 no. 3: 47-50 Mr '62.

MOSCOW—MANUSCRIPTS, TURKISH

Turkish medical manuscripts in the collection of the Institute of the Peoples of Asia of the Academy of Sciences of the U. S. S. R. L. V. Dmitrieva. Strany i nar. Vost. no. 2: 251-257 '61.

MOSCOW—MATHEMATICS—COMPETITIONS

The 21st Mathematics Olympiad for the Schools of Moscow. V. G. Boltianskii, E. B. Rozendorn. Mat. pros. no. 6: 301-309 '61.

MOSCOW—MEDICAL COLLEGES

Zmov'ev, I. A. [History of higher medical education in Russia, the organization of the Hospital Therapy Clinic and the Department of Pathological Anatomy at Moscow University] K istorii vysshego meditsinskogo obrazovaniia v Rossii, organizatsiia gospital'noi terapevticheskoi kliniki i kafedry patologicheskoi anatomii v Moskovskom universitete Moskva, Medgiz, 186 p

MOSCOW—MUSIC—COMPETITIONS

I wish you luck! G Neigauz Sov muz 26 no 3 111-114 Mr '62

They will perform in Moscow G Neigauz Sov muz 26 no 3 111-116 Mr '62

MOSCOW—MUSIC HALLS (VARIETY THEATERS, CABARETS, ETC)

Is this the way to respond to the press? (remarks on two of our articles) Sov muz 26 no 3 129 Mr '62

MOSCOW—OPERA

After eleven years I Romaneeva Teatr 23 no 9 40-42 Mr '62.

Performance dedicated to the Communist Youth League Smena 39 no 6 8 Mr '62

MOSCOW—OPERETTA

The musical genre of operetta V Zalesskii Sov muz 26 no 3 87-92 Mr '62

MOSCOW—PENSIONERS—SOCIETIES, ETC.

Active workers of a district office of social insurance B Lisitsyn, K Polikarpov Sots obesp 23 no 3,6 Mr '62

MOSCOW—POLITICS AND GOVERNMENT

[Bulletin of the Moscow Executive Committee] Biul. ispol kom. Mosk. gor sov. no. 2 Ja '62.

MOSCOW—REINFORCED CONCRETE CONSTRUCTION

Beauty that will last for centuries IU. Prozorov, Mest. prom i khud promys. 3 no 3 13 Mr '62

MOSCOW—SHOE INDUSTRY

Anashkin, N F [We struggle in unison] Boremsia vsem kollektivom. [Moskva] Mosk. rabochii, 1961. 94 p

MOSCOW—SKATING—COMPETITIONS

Ice, skates and medals. M Aleksandrov Ogonek 40 no 9 4-5 F '62

MOSCOW—STUDENT TEACHING

Visual aids in trial lessons. A. I. Elkina. Rus iaz v shkole 23 no 2,72-76 Mr-Ap '62

MOSCOW—STUDENTS, FOREIGN

University of the Friendship of Peoples two years later. L. Iachalin Sov Soiuz no 4,33-38 '62

MOSCOW—SUBWAYS

For the convenience of Moscow residents V. Polezhaev Stroi i arkhit Mosk 10 no 12:9-11 D '61.

MOSCOW—SUBWAYS—HYGIENIC ASPECTS

Physiological changes observed in attendants on duty and control desk operators of the Moscow subway [with summary in English] A I Kikolov. Gig truda i prof zab 4 no 2 20-26 F '60

MOSCOW—SYMPHONY ORCHESTRAS

"In honor of the Third Congress of Composers of the U. S. S. R." V. Vlasov Sov muz 26 no 3 117-118 Mr '62

MOSCOW—TEXTILE FABRICS

Assortment of fabrics of the "Trekhgornaia Factory." V. A. Chebykina Tekst prom. 22 no 3:14 Mr '62

MOSCOW—TEXTILE INDUSTRY—LABOR PRODUCTIVITY

Work practices of the brigades of communist labor in the "Trekhgornaia Factory" named after F. E. Dzerzhinskii L. S. Bunakov, I. V. Kosolapov. Izv. vys. ucheb. zav., tekh tekst prom. no. 1 3-10 '62.

MOSCOW—TEXTILE WORKERS

Origin of a heroic deed Nikolai Vnuk Sov profsoiuzy 18 no 5 13-15 Mr '62

Valia. L. Sokolova Ogonek 40 no 10 3 Mr '62.

MOSCOW—THEATER

Congress delegates go to the theater. N. Mar Teatr 23 no 3:4-5 Mr '62

Congress delegates in the Vakhtangov Theater. V. Ioel's, Teatr 23 no. 3:0 Mr '62

Enthusiast Grigorii Gai. E Kholodov. Teatr 23 no. 3: 34-35 Mr '62

Four actors make their debut with the "Teatr Iunogo Zritelia." E Zubkova. Teatr 23 no 3:12 Mr '62

Friends from Cuba. Teatr 23 no. 3:21 Mr '62.

The "house of cards" did not tumble. E. Laskolko. Teatr 23 no 3:44-46 Mr '62

A letter written by Ablochkina Teatr 23 no. 3,10-11 Mr '62.

Performance of "Sea gull." E. Z. Teatr 23 no. 3:9 Mr '62.

Serafima lives "normally." Z. Vladimirova. Teatr 23 no. 3:36-37 Mr '62.

MOSCOW—THEATER—MUSEUMS AND COLLECTIONS

Museum Day V Perel'man Teatr 23 no 3 26-27 Mr '62

MOSCOW—THEATER—PRODUCTION AND DIRECTION

The facts of the matter are Teatr 23 no 3 33 Mr '62

MOSCOW—THEATERS

[Theaters of Moscow] Teatry Moskvy, spravochnik. 2, dop. izd [Moskva] Mosk rabochii, 1961 189 p.

MOSCOW—TOY INDUSTRY

House of toys. V. Anokhin Sov torg 35 no 3 47-50 Mr '62

MOSCOW—TUNNELS

For the convenience of Moscow residents. V. Polezhaev Stroi i arkhit Mosk 10 no 12:9-11 D '61

MOSCOW—WORLD WAR, 1939-1945

The Moscow home guard of 1941 K A Belov. Ist. SSSR 6 no. 1 15-31 Ja-F '62

MOSCOW—YEAST

Automation of the manufacture of commercial yeasts at the Moscow Yeast Plant. M. L. Tigai. Khleb. i kond prom 5 no. 3:16-17 Mr '62.

MOSCOW, BATTLE OF, 1941-1942

Communists were in the lead A P Britikov Vest protivovozd. obor no 12 75-76 D '61

Glory was born around Moscow. Sov. voin. 43 no. 23:4-5 D '61.

On the eve of a counterattack A Surchenko Voen vest 11 no. 12 11-17 D '61

On the terrain around Moscow. N. Korol'kov. Starshii serzh no. 12,16-18 D '61

Remarkable victory near Moscow A. P Gorokhov Vest protivovozd obor no 12 71-71 D '61

MOSCOW, BATTLE OF, 1941-1942—BIBLIOGRAPHY

see Bibliography—Moscow, Battle of, 1941-1942

MOSCOW BASIN—COAL GEOLOGY

Conditions governing the coal accumulation in the Lower Carboniferous in the southwestern wing of the Moscow Basin. A. M. Znamenskii Uch. zap MOPI 97 11-46 '61.

MOSCOW BASIN—COAL MINES AND MINING

Side recovery of refractory clays in Kunovsk open-cut mines S. M Kirukhin, A. M Gusenkov. Ogneupory 27 no 2:72-76 '62.

We have it in the Moscow coal basin N. Lazukin, I Uskov. Sov shakht 11 no 4:27-29 Ap '62

MOSCOW PROVINCE—ACCIDENTS—PREVENTION

Protecting the little pedestrian. IU. Golov. Sov. krasnoarmeets 11 no. 4 14-15 Jl-Ag '61.

MOSCOW PROVINCE—BOOTS AND SHOES, FELT

A factory is growing. P. Chatskii Kozh.-obuv. prom 4 no. 1:40 Ja '62.

MOSCOW PROVINCE—FOREST MANAGEMENT

Students participate in forest improvement investigations. V. M. Nechaev. Les khoz 15 no 2 80 F '62

MOSCOW PROVINCE—MACHINERY INDUSTRY—TECHNOLOGICAL INNOVATIONS

Activity of the workers of the machinery industry in the near Moscow region Ivanov Mashinostroitel' no. 3 7 Mr '62.

MOSCOW PROVINCE—METAL CUTTING—PRODUCTION STANDARDS

Improve norms constantly. Kh. Gordon. Sots. trud 7 no. 3:86-89 Mr '62.

MOSCOW PROVINCE—METALLURGY

With metallurgists of the Moscow region. B. Chusov. Metallurg 7 no 2:36-39 F '62

MOSCOW PROVINCE—MILK—ANALYSIS AND EXAMINATION

Links of the same chain. T. Chubchikova, Zh. Polzikova. Sov. krasnoarmeets 11 no. 4:13 Jl-Ag '61.

MOSCOW PROVINCE—MINERAL WATERS

Mineral waters of Moscow Province. V. V. Savkina. Uch. zap. MOPI 97:3-21 '61.

Moscow mineral water. I. I. Nikshich, V. V. Savkina. Uch. zap. MOPI 97:41-46 '61.

MOSCOW PROVINCE—QUARRIES AND QUARRYING

Use of waste dumps in the quarries of Moscow Province. A. M. Znamenskii. Uch. zap. MOPI 97,23-39 '61.

MOSCOW PROVINCE—ROCKS, SEDIMENTARY

Limestones, dolomites, and marls of Moscow Province. A. M. Znamenskii. Uch. zap. MOPI 97:85-92 '61

MOSCOW PROVINCE—STONE IMPLEMENTS

Traces of the Early Paleolithic in the Oka and Moskva Basins of Moscow Province. S. P. Pototskii. Trudy Kom. chetv. per no 26 157-161 '61.

MOSCOW REGION—AGRICULTURAL WORKERS

Kovalenko, V. I., and M. A. Skorokhodov. [Birth of the new] Rozhdenie novogo. [Moskva] Mosk. rabochii, 1961. 141 p. (Zemlia Moskovskaia)

MOSCOW REGION—GYPSY MOTH

Mass flight of the gypsy moth (Lymantria dispar L.) toward the light of mercurial lamp in the vicinity of Moscow. G. N. Gornostaev. Biul. MOIP, Otd. biol. 67 no. 1 124 Ja-F '62.

MOSCOW REGION—ROAD CONSTRUCTION

Mechanization of construction work on the Moscow Circumferential Highway S. V Evstafeev, E. I Zavalskii Mekh. stroi. 19 no 3 1-6 Mr '62.

MOSCOW REGION—TITMICE

Ecology of the titmouse Parus ater ater L. [with summary in English] A. A Inozemtsev Zool zhur 40 no 12 1862-1867 D '61

MOSCOW REGION—ZOOLOGY

Turov, S. S. [Animal kingdom of the Moscow region] Zhivotnyi mir Podmoskov'ia [Moskva] Mosk rabochii, 1961. 87 p. illus.

MOSCOW RIVER see Moskva River

MOSKVA RIVER—FRESHWATER FLORA

Filtering role of higher aquatic plants in self-purification processes of the Moskva River. K. A. Lukin. Biul. MOIP, Otd. biol. 67 no. 1:151 Ja-F '62.

MOSQUITOES see subdivision under Kara Kum Reservoir Lenkoran Lowland, Lvov region, Pamirs; Tajikistan, Vakhsh Valley

MOSQUITOES—EXTERMINATION see subdivision under Tajikistan

MOSSAKOVSKII FAMILY

This is about us Rimma Likhach, Nadezhda Svetlova Ogonek 40 no. 16 11-13 Mr '62.

MOSSBAUER, RUDOLF, 1929-

Mossbauer effect, new tool for research in physics. V. V. Miller. Priroda 51 no. 3:99-101 Mr '62.

MOSSES

(see also subdivision under Lapland State Preserve)

Some spiral structures of the protonema in leafy mosses [with summary in English]. A. S. Lazarenko, A. P Kovalenko, Kh. T. Pashuk. Ukr. bot. zhur. 18 no 6 89-98 '61.

MOTHS

(see also subdivision under Novosibirsk Reservoir region)

Apple-fruit miner (Argyresthia conjugella Zell.) and it control in the Armenian S. S. R. S. A. Mirzoiana. Izv AN Arm. Biol. nauki 14 no. 11:53-64 N '61.

MOTION

Investigation of critical instances in the stability of steady motions [in Kazakh with summary in Russian] M Ataev, D. Kurmashev Vest AN kazakh SSR 18 no 3 54-61 Mr '62

A new apparatus for studying the kinematics of moving objects V. K Motgunov. Izv Sib. otd AN SSSR no. 12, 36-36 '61.

MOTION, PERPETUAL see Perpetual motion

MOTION-PICTURE MUSIC—HISTORY AND CRITICISM

Remarks of a musician. T. Korganov Sov. muz. 26 no 3:97-101 Mr '62

MOTION-PICTURE PHOTOGRAPHY—EQUIPMENT AND SUPPLIES

[Photographic and motion-picture equipment and optical instruments] Ref. zhur. Otd. vyp. 46: Foto-kinoapp. i opt. prib. nos. 1-5 Ja-Mr '62.

MOTION-PICTURE PLAYS

(see also subdivision under Uzbekistan)

Dobin, E. S. [Poetics of motion-picture art; narration and the metaphor] Poetika kinoiskusstva; povestvovanie i metafora. Moskva, Gos. izd-vo "Iskusstvo," 1961. 226 p.

Island of riddles. A. Semenov. Znan. sila 37 no. 2 8-9 F '62.

"Powerful wings." M. Rabrov. Vest. Vozd. Fl. no. 12: 88-90 D '61.

Stage players on the screen. Teatr 23 no. 3:11 Mr '62

"To the stars again." M. Golyshev, I. Shipilov. Vest Vozd. Fl. no. 12:86-88 D '61.

MOTION-PICTURE PROJECTION see subdivision under Lvov Province

MOTION-PICTURE PROJECTORS

Podkuiko, S. I., and A. A. Tret'iakova. [Measurements in the amplifiers of motion-picture systems] Izmerenila v usilitelliakh kinoustanovok. Moskva, Gos. izd-vo "Iskusstvo," 1960. 141 p. (Biblioteka kinomekhanika)

MOTION-PICTURE SCREENS

Effect of the shape and position of the motion-picture screen on the uniformity of its illumination. E. M Goldovskii, S. S. Ryshkov. Zhur. nauch. i prikl. fot. i kin. 7 no. 1:48-56 Ja-F '62.

MOTION-PICTURE THEATERS see subdivision under Novosibirsk Province; Zaporozh'ye

MOTION PICTURES
Sobolev, R. P. [People and motion-picture plays prior to the Russian revolution] Liudi i fil'my russkogo dorevoliutsionnogo kino. Moskva, Gos. izd-vo "Iskusstvo," 1961. 174 p. (NN)

MOTION PICTURES—BIBLIOGRAPHY see Bibliography—Motion pictures

MOTION PICTURES, ANTIRELIGIOUS
Motion pictures and the propagation of atheism. I. Bakurinskii. Agitator no. 8 63 Ap '62.

MOTION PICTURES, DOCUMENTARY
Stories about plain folk. L. Moskvina. Sov. kras. kiroi 11 no. 1 31 Ja-Ag '61
Story of two motion pictures. Iurii Arbat. Nauka i zhizn' 29 no 1 94-97 Ja '62

MOTION PICTURES, TALKING
Training demonstrators of sound motion pictures. G. I. Laddeev. Fiz. v shkole 22 no 1, 88-91 Ja-F '62

MOTION PICTURES FOR CHILDREN
From the motion-picture industry to children. Kult.-prosv. rab. 23 no. 3 11 Mr '62
New motion pictures. L. Muzhelevskaia, L. Pereperkina. Doshk. vosp. 35 no. 4, 126-128 Ap '62.

MOTION PICTURES IN ASTRONAUTICS
The origin of a heroic deed. M. Chetyrko. Voiov. ateist no. 11 55 N '61

MOTION PICTURES IN EDUCATION
(see also subdivision under Ukraine)
Grunov, A. P. [Filmstrips and motion pictures in mathematic lessons in secondary schools; teachers' manual] Diafil'my i kino na urokakh matematiki v srednei shkole, posobie dlia uchitelei. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 94 p.
Soiuz rabotnikov kinematografii SSSR. [Educational motion pictures] Uchebnyi fil'm; sbornik statei. [Moskva] Gos. izd-vo "Iskusstvo," 1961. 203 p.

MOTION PICTURES IN FORESTRY
A very useful film. I. V. Ovsianikov. Les. khoz. 15 no 1 92-93 Ja '62.

MOTION PICTURES IN HEALTH EDUCATION
Use of modern technical motion pictures in teaching industrial hygiene. E. V. Klenova, O. IA. Mogilevskaia. Gig. i san. 26 no. 9 51-53 S '61

MOTION PICTURES IN MEDICINE
"A gift of humanity", educational medical motion picture (painless labor). Reviewed by M. E. Zinger. Fel'd i akush. 27 no 2 62-63 F '62

MOTOR SCOOTERS
How it appears to me. V. Romanets. Za rul. 20 no. 3; 16c-16d Mr '62.
Motor scooter combined with a motorcycle. A. IAsakov. Za rul. 20 no. 3; 16d Mr '62.

MOTOR VEHICLES
Gurevich, A. M., and L. M. Sorokin. [Tractors and motor vehicles] Traktory i avtomobili. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 367 p.
Ikrabovs'kyi, M. L. [Driving motor vehicles] Vodinnia avtomobilia. Kyiv, Derzh. vyd-vo tekhn. lit-ry URSR, 1961. 109 p. (Biblioteka avtomobilista)
News of foreign engineering. Za rul. 20 no. 3, 28-29 Mr '62.

MOTOR VEHICLES—AXLES—TESTING
Effect of surface hardening on the strength of the rear semiaxle casing of motor vehicles. B. I. Aleksandrov and others. Sbor. trud. Inst. mash. i avtom. AN BSSR no. 2; 29-45 '61.

MOTOR VEHICLES—BIBLIOGRAPHY see Bibliography—Motor vehicles

MOTOR VEHICLES—ENGINES
Makhaldiani, V. [Research in the field of motor vehicle and tractor engines] Issledovaniia v oblasti avtotraktornykh dvigatelei. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1961. 313 p. [In Georgian]

MOTOR VEHICLES—LIGHTING
Sokolov, A. S. [Lamps and lighting devices for motor vehicles] Avtomobil'nye lampy i osvetitel'nye pribory. Izd. 3., perer. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961. 80 p. (Biblioteka shofera)

MOTOR VEHICLES—SOCIETIES, ETC.
Members of the All-Union Volunteer Society for Assistance to the Army, Air Force and Navy clubs take part in the Exhibition of the Achievements of the National Economy of the U.S.S.R. V. Kozmin. Za rul. 20 no. 3, 4 Mr '62.

MOTOR VEHICLES—TRANSMISSION DEVICES—TESTING
Tests of splined parts of motor vehicles under operating conditions and means for increasing the endurance of these parts. F. R. Larkin. Sbor. trud. Inst. mash. i avtom. AN BSSR no. 2; 46-64 '61

MOTORBOATS
Pleasure motorboat with submerged wings and a glass-reinforced plastic body. V. L. Chesnokov. Biul. tekh.-ekon. inform. no. 2, 74-75 '62

MOTORBUS LINES—STATIONS see subdivision under Kiev

MOTORBUSES see subdivision under Karachayevsk

MOTORCYCLE INDUSTRY see subdivision under Minsk

MOTORCYCLE RACING see subdivision under Kemerovo Province, Ukraine; Velikiy Usiug

MOTORCYCLES
(see also Izhevsk, Kovrov)
Isaev, M. P., and V. A. Zabelin. [The "IZh-56" and "IZh-IUpiter" motorcycles, construction, maintenance and driving] Mototsikly "IZh-56" i "IZh-IUpiter", ustroistvo, ukhod i obsluzhivanie. Pod obshchei red. S. IA. Fisher a i S. M. Tepliakova. Izhevsk, Udmurtskoe knizhnoe izd-vo, 1961. 207 p.
Pozdniakov, M. A. [The K-750 motorcycle] Mototsikl K-750. Moskva, Mashgiz, 1961. 276 p.
"Racing motorcycles" by V. V. Bekman. Reviewed by D. Abezdianin. Za rul. 20 no. 3 31 Mr '62
What you should know about a telescopic fork without a connecting rod. Kh. Mitropol'skii. Za rul. 20 no. 3 27 Mr '62

MOTORCYCLES—DYNAMICS
Equations of the motion of a tore and minor vibrations of a motorcycle in steady motion along a plane. L. G. Lobas. Prykl. mekh. 8 no 2 223-226 '62.

MOTORCYCLES—ENGINES
Control of the thermal conditions of an engine. A. Silkin. Za rul. 20 no. 3 26 Mr '62.

MOTORTRUCKS
Minskii avtomobil'nyi zavod. [Catalog of parts for the MAZ-501 logging tractor and the MAZ-502 and MAZ-502A motortrucks] Katalog detalei lesovoznogo tiagacha MAZ-501 i gruzovykh avtomobilei MAZ-502 i MAZ-502A. Moskva, Mashgiz, 1961. 447 p.

MOTORTRUCKS—CLEANING
Indikt, E. A., and V. P. Sobolev. [Automatic line for washing trucks] Avtomaticheskaia linlia moiki gruzovykh avtomobilei. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1960. 43 p. (Obmen tekhnicheskim opytom avtotransportnykh predpriiatii)

MOTORTRUCKS—MAINTENANCE AND REPAIR
Russia (1917- R. S. F. S. R.) Ministerstvo sel'skogo khoziaistva. Upravlenie organizatsii truda i zarabotnoi platy. [Collection of consolidated approximate time norms for the repairing of agricultural equipment] Sbornik ukrupnennykh primernykh normativov vremeni na remont sel'skokhoziaistvennoi tekhniki. Moskva, Izd-vo M-va sel'. khoz. RSFSR,
Pt. 1 [Tractors, combines and motortrucks] Traktory, kombainy i avtomobili. 1960. 195 p.

MOUNDS see subdivision under Kharkov Province; Orenburg Province

MOUNTAINS
(see also subdivision under Queen Maud Land)
Some features of radiation, heat balance, and microclimate of a mountain pass. B. A. Aizenshtat. Meteor. i gidrol. no. 3; 27-32 Mr '62.

MOURITE
Mourite, a new supergene uranium-molybdenum mineral. E. V. Kopchenova and others. Zap. Vses. min. ob-va 91 no. 1; 66-71 '62

MOUTH
Study of the differentiation of epithelium in the oral cavity in embryogenesis [with summary in English]. A. A. Zavarzin. Arkh. anat. gist. i embr. 41 no. 12 89-98 D '61.

MOUTH—DISEASES
Cepulis, Stasys. [Diseases of the mucous membrane of the oral cavity] Burnos ertmes gleivines susirgimai. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 14 p. [In Lithuanian] (DNLM)

MOVEMENT (PHYSIOLOGY)
Effect of tetracycline on general motor and food activity of animals during the development of experimental focal infection [with summary in English]. A. M. Chernukh, N. A. IUshchenko. Antibiotiki 7 no. 4 349-352 Ap '62.
Functional changes in the human peripheral motor apparatus in the pain syndrome [with summary in English]. L. N. Pankova. Biul. eksp. biol. i med. 53 no. 2 58-63 F '62
Prospects for a physiology of the physical activity of man. V. S. Farfel'. Teor. i prak. fiz. kul't. 25 no 1 13-18 Ja '62

MOVEMENT, PSYCHOLOGY OF
Changes in the latent period of motor reaction in the right and left hands during the students' mental activity. S. D. Khoruzhaia. Dokl. APN 5 no. 6 93-96 '61
Development of speed in cyclic movements in 13-17 year old students. I. M. Freidberg. Dokl. APN 5 no. 4 107-110 '61.
Electrophysiological study of the kinesthetic analyser. Report No. 1. Space components of movement. A. S. Egorov, IU. S. Zakhar'iants. Dokl. APN 5 no. 6 89-92 '61
Evaluation of movement technique in students. Report No. 2. New method of evaluation. V. G. Podol'skii. Dokl. APN 5 no. 6 101-106 '61
Relationship between sensory and "logical" components of movement conception with the gymnasts of various proficiency. E. N. Surkov. Dokl. APN 5 no. 6 107-112 '61
Some characteristics of the formation of sports skills depending upon the character of orienting activity. B. I. IAkubchik. Dokl. APN 5 no. 4, 111-114 '61

MOVEMENT DISORDERS
Clinical aspects of the basic syndromes in some chronic progressive diseases of the nervous system [with summary in French]. S. A. Mel'nikov, A. M. Vein, B. M. Gokht. Zhur. nevr. i psikh. 61 no. 8 1160-1167 '61
Hyperkinesis of central origin caused by tetrahydine and its inhibition with choline-sensitizing substances [with summary in English]. N. V. Uskova. Biul. eksp. biol. i med. 52 no. 7; 73-75 Jl '61

MOZART, WOLFGANG AMADEUS, 1756-1791
Intonational analysis of the part of Figaro in Mozart's opera "Marriage of Figaro". V. M. Mezrina. Nauch.-metod. zap. Ural. gos. kons. no. 4 225-234 '61

MUCOUS MEMBRANE
Cepulis, Stasys. [Diseases of the mucous membrane of the oral cavity] Burnos ertmes gleivines susirgimai. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 14 p. [In Lithuanian] (DNLM)
Regeneration of the mucous membrane of the stomach and decreased secretion after partial excision of the mucosa [with summary in English]. I. Chiricuta and others. Biul. eksp. biol. i med. 52 no. 11, 115-118 N '61

MULBERRY—VARIETIES see subdivision under Azerbaijan

MULTIPLE BIRTH see Birth, Multiple

MULTIPLE SCLEROSIS
Dynamics of radioactive iodine (I^{131}) absorption by the thyroid gland in multiple sclerosis [with summary in French]. S. B. Savenko, I. N. Taubel. Zhur. nevr. i psikh. 61 no. 8 1146-1149 '61
Study of Charpentier's phenomenon in multiple sclerosis [with summary in French]. V. E. Grechko. Zhur. nevr. i psikh. 61 no. 8 1150-1152 '61.

MUMPS
Clinical aspects of epidemic parotitis. A. L. Builo, V. I. Filipchik. Kaz. med. zhur. no. 5; 76 S-O '61

MUNICIPAL SERVICES
Galuzevskii, G. N. [Accounting for expenditures and calculating service costs in municipal service enterprises] Uchet zatrat i kal'kuliovanie sebestoimosti uslug v kommunal'nykh predpriiatiiakh. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1960. 101 p.

MUNITIONS see subdivision under Japan

MURACH, NIKOLAI NIKIFOROVICH, 1891-1962
Nikolai Nikiforovich Murach, obituary. Izv. vys. ucheb. zav., tsvet. met. 5 no. 2 160-161 '62.

MURDER
"Criminal homicide according to Soviet criminal law" by I. I. Zagorodnikov. Reviewed by A. A. Gertsenzon. Sov. gos. i pravo 32 no. 3 148-150 Mr '62

MURES VALLEY—POTTERY
Pottery with plaited decoration from the Mures Valley. F. B. Florescu. Sov. etn. no. 1 91-94 Ja-F '62.

MURMAN COAST—CTENOPHORA (COELENTERATA)
Biology of comb jellies in the shore waters of Murman. M. M. Kamshilov. Trudy MMBI no. 3; 36-48 '61

MURMAN COAST—STORMS
Relation between storms and basic patterns of atmospheric circulation on the Murman Coast. T. F. D'iachenko. Trudy AANII 235 66-69 '61.

MURMANSK—INFANTS—GROWTH
Physical development of children during the first year of life in Murmansk [with summary in English]. S. M. Gershkovich and others. Vop. okh. mat. i det. 7 no. 1; 77-80 Ja '62.

MURMANSK—PENSIONS
Closer to industry means less mistakes. V. Studenikina. Sots. obesp. 23 no 3 10-11 Mr '62.

MURMANSK PROVINCE—LUMBERING

Let us talk frankly. V.TSyganov. Sov profsoiuzy 18 no.7 28-30 Ap '62.

MUSCLE

Biochemical analysis of the reaction of muscle tissues to radiation injury in case of a mechanical trauma M. F. Popova Dokl AN SSSR 143 no 2 441-447 Mr '62

Content of nucleic acids, ascorbic acid and some phosphorus compounds in guinea pigs during the reparative regeneration of skeletal muscles [with summary in English] A. V Zakharova, L P Tiurikova, A V Tkachenko Vop med khim 7 no 6 608-614 N-D '61

Distribution of antibiotics in the proteins from water-soluble fractions of the skeletal muscles [with summary in English] G.I Khar'chenko Antibiotiki 6 no 11 1003-1005 N '61

Effect of beryllium and some other bivalent cations on the phosphoglucomutase activity of muscles [with summary in English]. Liu IUi-tan [Liu Yu-t'ang] Vop med khim 7 no 6 605-608 N-D '61

Effect of tenotomy on the content of some trace elements in the muscles [with summary in English] V.R Soroka Vop. med. khim. 7 no 3 306-309 My-Je '61.

Intensity of proteolysis and the content of free amino acids in normal and denervated muscles [with summary in English] V I. Telepneva. Vop. med. khim. 7 no. 4. 409-417 Jl-Ag '61

Oxidative phosphorylation in the tissues of the skeletal muscles in experimental vitamin E deficiency N N Zaitseva Vop. med khim 7 no 3 313-319 My-Je '61

Stationary conditions and physical theory of the stimulation of muscle tissue A. K. Pritts Trudy Len. ob-va est. 72 no. 1;147-148 '61

Water-soluble myofibril proteins of the myometrium [with summary in English]. I I. Ivanov and others. Vop. med. khim. 7 no. 1 384-390 Jl-Ag '61.

MUSCLES

Changes of oxygen tension in the brain and skeletal muscles in hyper- and hypocapnia [with summary in English] N V Sanotskaia Biul eksp biol. i med 53 no 2 3-9 F '62

Effect of adrenaline on contractures of the Rectus abdominis in the frog produced with potassium chloride and proserine [with summary in English] R. S. Rybolovlev. Biul eksp biol i med 52 no 11 62-65 N '61

Effect of narcotics on the reactivity of the skeletal muscle to acetylcholine and potassium ions [with summary in English] E. V. Moieva Biul. eksp. biol i med. 52 no. 11;65-69 N '61

Glycogen content of the liver and muscles in rats in relation to time following administration of chlorpropamide and the duration of starvation [with summary in English] S G. Genes, L. M Makarevich-Gal'perin, S. N. Ushenko. Biul eksp. biol i med. 52 no 7,65-68 Jl '61.

MUSCLES—DISEASES

Some urgent problems regarding the clinical aspects and pathogenesis of occupational diseases of the peripheral nervous system and muscles [with summary in English] E. A Drogichina. Gig. truda i prof. zab 4 no 2 3-9 F '60

MUSCLES—INNERVATION

Neural regulation of skeletal muscles. S. E. Gal'bershtas Trudy Len. ob-va est 72 no. 1;130-132 '61

MUSCLES—TRANSPLANTATION

Method for cutting out flaps from musculus latissimus dorsi for grafting purposes [with summary in English]. A. I. Neidorf Grud. khir. 2 no. 1;90-93 Ja-F '60

Reactive changes in ground skeletal muscles tissue after its autotransplantation under the skin of the abdomen in rats [with summary in English]. G. M. Litver Biul. eksp. biol. i med. 52 no. 11,111-114 N '61

MUSEUMS

(see also subdivision 'Art galleries and museums' under Moscow)

We should organize Communist Youth League museums A. Mednikov Mol komm. no 3 86-87 Mr '62

MUSHKETOV, IVAN VASIL'EVICH, 1850-1902

[Ivan Vasil'evich Mushketov; collected materials] I. V. Mushketov; sbornik dokumentov. Tashkent, Gos. izd-vo Uzbekskoi SSR, 1960. 333 p. (Russkie uchenye-issledovateli Srednei Azii, vol. 3)

MUSHROOMS

(see also subdivision under Ukraine)

Mushrooms. E. N. Ivanova. Sov. kras. krest 11 no. 4; 24 Jl-Ag '61.

Vasil'kov, B. P. [Mushrooms] Griby. Moskva, Izd-vo M-va sel'. khoz. SSSR [1959] 95 p. col. illus. (CU-A)

MUSHROOMS, EDIBLE

Mushroom yields and weather. B. P. Vasil'kov. Bot zhur. 47 no 2,258-262 F '62.

MUSIC

(see also subdivision under Azerbaijan; Germany, East; Kazakhstan; Kirghizistan, Pinsk; Soviet Central Asia, Virgin Territory)

An artist must have this quality. A. Tishchenko. Sov. muz. 26 no. 3;29-32 Mr '62.

Brief news. Sov. muz. 26 no. 3;145-160 Mr '62

Comrades, let's do the work! A. Novikov. Sov muz 26 no 3 20-23 Mr '62

Creativity and aesthetics. A. Sokhor Sov muz. 26 no 3 24-28 Mr '62

Motley pages Sov. muz. 26 no. 3 135-139 Mr '62

The party inspires us. D Shostakovich Sov. muz 26 no 3;3-15 Mr '62

Twenty-two questions S. Tolstoi and others Sov. muz 26 no. 3,16-19 Mr '62

MUSIC—ANALYSIS, APPRECIATION

Primary means of musical art G N. Beloglazov Nauch.-metod. zap. Ural gos. kons no. 4;169-198 '61

MUSIC—BIBLIOGRAPHY see Bibliography—Music

MUSIC—COMPETITIONS see subdivision under Moscow

MUSIC—HISTORY AND CRITICISM

International significance of Soviet musical culture, a lecture L. M. Platykh. Nauch.-metod. zap. Ural gos. kons no. 1 5-23 '61.

Maiburova, K. V. [Russian musical literature] Rosiis'ka muzychna literatura, posibnyk dlia serednikh muzychnykh shkil ta muzychnykh uchylyshch. Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry URSR, 1961. 169 p

Nest'ev, I. V. [The folk song as the foundation of music] Narodnaia pesnia kak osnova muzykal'nogo iskusstva. Moskva, Sovetskii kompozitor, 1961. 42 p. (V pomoshch' slushateliam narodnykh universitetov kul'tury. Iz opyta raboty narodnogo universiteta kul'tury Sverdlovskogo rabochego g. Moskvy)

Ossovskii, A. V. [Selected articles, reminiscences] Izbrannye stat'i, vospominaniia. Leningrad, Sovetskii kompozitor, 1961. 400 p.

Yla, Stasys. [How to understand music] Kaip suprasti muzika. Antrasis pataisytas ir papildytas leidimas. Vilnius, Valstybine politines ir mokslines literatures leidykla, 1961. 137 p. [In Lithuanian]

MUSIC—PERFORMANCE

Attack with a broad front, on the popularization of Soviet music. Sov muz. 26 no 3;64-68 Mr '62

MUSIC—PHYSIOLOGICAL ASPECTS

Singing process as influenced by some voluntary muscular movements. F. I. Obraztsovskaia Nauch.-metod. zap. Ural. gos. kons. no 4 143-154 '61

MUSIC—STUDY AND TEACHING see subdivision under Kakhovka

MUSIC, AZERBAIJANI—HISTORY AND CRITICISM

Vinogradov, V. S. [Development of national music cultures in the U. S. S. R.] Voprosy razvitila natsional'nykh muzykal'nykh kul'tur v SSSR; sbornik statei. Moskva, Sovetskii kompozitor, 1961. 302 p.

MUSIC, TATAR—HISTORY AND CRITICISM

Youth go forward. V. Vlasov Sov. muz. 26 no. 3;77-79 Mr '62

MUSIC, TURKMEN—HISTORY AND CRITICISM

Turkmen contrasts. I Belorusets. Sov. muz. 26 no. 3. 72-77 Mr '62

MUSIC, UKRAINIAN—HISTORY AND CRITICISM

Mylych, B. O. [Piano scores by Soviet Ukrainian composers written for children and youth] Fortop'iannа literatura ukrains'kykh radians'kykh kompozytoriv dlia ditei ta iunatstva. Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry URSR, 1961. 99 p.

MUSIC, UZBEK

For the rapid development of Uzbek musical art. F. Karomatov. Komm. Uz. 31 no. 1,41-48 Ja '62.

MUSIC, VOCAL see Vocal music

MUSIC, WHITE RUSSIAN

Ladyhina, A. B. [The national character of Soviet art and White Russian music] Narodnasts' savetskaha mastatstva i belaruskaia muzyka Minsk, Vyd-va Akad. navuk Belaruskai SSR, 1961. 191 p.

MUSIC HALLS (VARIETY THEATERS, CABARETS, ETC.) see subdivision under Moscow

MUSIC LIBRARIES see subdivision under Piryatin

MUSICIANS

Guests of Soviet composers. IU. Mozhaev. Sov. muz. 26 no 3;134 Mr '62.

MUSKRATS—PARASITES see Parasites—Muskrats

MUSORGSKII, MODEST PETROVICH, 1839-1881

Veprik, A. M. [Outline of styles in orchestration] Ocherki po voprosam orkestrovykh stilei. Moskva, Sovetskii kompozitor, 1960. 452 p.

MUSTARD

Mustard seed cake as a preserving agent in the production of semisweet wines. G. P. Koltunisk. Trudy Nauch.-issl inst. sad., vin. 24,23-25 '60.

MUSTARD GAS

Pros and cons of psoriasine L. A. Dosychev, A. I. Kochkarova Vest derm. i ven no 3;55-59 '62

MUYNAK—FISH PROCESSING PLANTS

New trends develop in workshops A. Mullanta Uzbekiston 21 no 1;16-17 '62

MYASTHENIA GRAVIS

Surgical treatment of myasthenia (thymectomy) [with summary in English]. A. S. Chachulin, V. S Lobzin, L. V. Dogel' Grud khir 2 no 3;92-99 My-Je '60

MYCOBACTERIUM TUBERCULOSIS

Comparative evaluation of a strain for the tuberculosis bacilli in a flotation layer of pleural exudate after Ziehl-Neelsen and Ozol. K B. Staroselskaia, E V. Gritsevskaia, R. I. Slepova. Kaz. med. zhur. no. 1 76-77 Ja-F '62.

MYCOSIS

Effect of cortisone on an experimental infection caused by yeast-like fungi T S. Zabalueva Zhur mikrobiol., epid i immun 33 no 2 127-129 F '62

MYOGLOBIN

Histochemical method for determining myoglobin. P. A. Verbolovich, S. M. Pleshkova, G. D. Fanova, Zelenv. Kazakh. 21 no. 12,29-33 '61.

MYOPIA

State of certain functional systems of the organism in high myopia [with summary in English] S R. Muchnik and others Oft zhur 17 no 1 32-38 '62

MYOTONIA

Two cases of so-called congenital myotonia (Thomsen's disease) P. V. Polisadov. Kaz. med. zhur. no. 1;71-72 Ja-F '62.

MYRICARIA see subdivision under Altai Mountains

MYTISHCHI—MACHINERY INDUSTRY

Worker takes a pledge. A Kon'kov. Sov profsoiuzy 18 no. 6-26-28 Mr '62

NADZHMIDDINOV, TURSUN KHODZHAEVICH, 1911-1961

Meritorious scientist of the Uzbek S. S. R., Professor Tursun Khodzhaevich Nadzhmiddinov, on his 60th birthday A. D. Dzhafarov. Med. zhur. Uzb. no 1 64-65 Ja '62.

NAGORNO-KARABAKH AUTONOMOUS AREA—GEOLOGY STRATIGRAPHIC

Presence of Barremian deposits in the Nagorno-Karabakh Autonomous Area (Lesser Caucasus) M R Abdulkazyzade Dokl AN Azerb SSR 18 no. 1;35-36 '62

NAKHODKA—FISHERIES

Shlikarov, A. I. Nakhodka. Vladivostok, Primorskoe knizhnoe izd-vo, 1961. 160 p.

NAKHODKA—LIBRARIES

And from the window you can hear the sounds of the harbor. . . I Chekhov Klub 11 no 2,26 F '62

NAMES

(see also subdivision under Asia Minor)

Latvijas Padomju Sotsialistiskas Republikas Zinatnu akademija, Valodas un literaturas Institute. [Guide to the spelling and pronunciation of foreign names in the Latvian literary language] Noraditjumi par tlivalodu ipasvardu pareizrakstibu un pareizrunu latviesu literaraja valoda. Riga, Latvijas PSR Zinatnu akademijas izdevnieciba. [In Latvian]

Vol. 4. Perite, T., comp. [Lithuanian names] Lietuviesu valodas ipasvardi. 1961. 91 p.

Vol. 5. Staltmane, V., comp. [Polish names] Polu valodas ipasvardi. 1961. 79 p.

Vol. 6. Ahere, A., comp. [English names] Anglu valodas ipasvardi, 1961. 121 p.

Vol. 7. Ceplite, L., comp. [Spanish names] Spanu valodas ipasvardi. 1961. 70 p.

NAMES, CZECH

Latvijas Padomju Sotsialistiskas Republikas Zinatnu akademija, Valodas un literaturas institute. [Spelling and pronunciation of foreign names in the Latvian literary language] Noraditjumi par tlivalodu ipasvardu pareizrakstibu un pareizrunu latviesu literaraja valoda. Riga, Latvijas PSR Zinatnu akademijas izdevnieciba. [In Latvian]

Vol. 2. Mackova, G., comp. [Czech and Slovak names] Cehu un slovaku valodas ipasvardi. 1961. 44 p.

NAMES, GEOGRAPHICAL

(see also subdivision under Kamchatka; Latvia)

Importance of toponymy and the training of topographers and cartographers E. M. Pospelov. Izv. vys. ucheb. zav.: geod i aerof. no. 6,117-118 '61

What do geographic names mean? Otv. na vop. i zab. no. 10;49-51 '61.

"What the map does not show" and "Mystery of geographic names" by S. Uzin. Reviewed by E. M. Pospelov. Priroda 51 no. 3;123-124 Mr '62.

NAMES, PERSONAL

What do your given name and surname mean? A. I. Rodkevich. Rus. iaz. v shkole 23 no. 2:91-95 Mr-Ap '62.

NAMES, SLOVAK

Latvijas Padomju Socialistiskas Republikas Zinatnu akademija. Valodas un literaturas instituts. [Spelling and pronunciation of foreign names in the Latvian literary language] Noradijumi par eltvalodu ipasvardu pareizrakstibu un pareizrunu latviesu literaraja valoda. Riga, Latvijas PSR Zinatnu akademijas izdevnieciba. [In Latvian]

Vol. 2 Mackovs, G., comp. [Czech and Slovak names] Cehu un slovaku valodas ipasvardi. 1961. 44 p.

NANSEN, FRIDTJOF, 1861-1930

Fridtjof Nansen as oceanologist, on the one-hundredth anniversary of his birth, Oct 10, 1861. A. D. Dobrovol'skii. Okeanologiia 1 no. 5:956-957 '61.

New documents about Fridtjof Nansen. V. Sintsov. Rech. transp. 21 no. 2:59 F '62.

NAPHTHALENE

Catalytic dehydrocyclization of α-alkylnaphthalenes. N. I. Shutkin, L. A. Ivanovskaia, IAn Az-ssi. Zhur. ob. khim. 32 no. 3:823-827 Mr '62.

Improving working conditions in the production of naphthalene in coke by-products plants. L. M. Bramson. Gig. i san. 26 no. 9:54-59 S '61.

Naphthalene and ammonia content of oil-shale gas. A. E. Drabkin. Trudy VNIIT no. 10:91-95 '61.

Physicochemical properties of resins obtained by polycondensation of benzyl chloride and 1-chloromethylnaphthalene in the presence of chlorides of elements of the fourth group [with summary in English]. O. A. Onipov, V. I. Minkin, O. E. Kashireninov. Vysokom. soed. 3 no. 12:1774-1781 D '61.

Stereochemistry of cyclic compounds. Part 46. Configuration of adducts of trans-1-vinyl-6-keto-9-methyl-Δ¹-octalin with maleic anhydride. V. F. Kucherov, L. M. Mil'shtein, L. A. Garvich. Zhur. ob. khim. 32 no. 3:765-773 Mr '62.

NAPHTHALENEDIOL

Bisulfite compound of 1-nitroso-2,6-dihydroxynaphthalene. S. V. Bogdanov, Z. V. Todres-Selektor. Zhur. VKHO 7 no. 1:118-119 '62.

NAPHTHALENESULFONIC ACID

Migration of chlorine atom in chloronaphthole and chloronaphthalenesulfonic acids. V. A. Koptiug, A. M. Komagorov. Zhur. VKHO 7 no. 1:111 '62.

NAPHTHOIC ACID

Migration of chlorine atom in chloronaphthole and chloronaphthalenesulfonic acids. V. A. Koptiug, A. M. Komagorov. Zhur. VKHO 7 no. 1:111 '62.

Syntheses of some thienyl- and thenylamides of 2,3-hydroxynaphthoic and salicylic acids. A. P. Kogerman, B. P. Fedorov. Zhur. ob. khim. 32 no. 3:981-983 Mr '62.

NAPHTHOLIC ACID

Syntheses of some thienyl- and thenylamides of 2,3-hydroxynaphthoic and salicylic acids. A. P. Kogerman, B. P. Fedorov. Zhur. ob. khim. 32 no. 3:981-983 Mr '62.

NARCISSUS

Morphology of the bulb of Narcissus L. G. E. Kopinos. Dokl. AN Azerb. SSR 18 no. 1:65-69 '62.

NARCOTICS

Effect of narcotics on the reactivity of the skeletal muscle to acetylcholine and potassium ions [with summary in English]. E. V. Morova. Biul. eksp. biol. i med. 52 no. 11:65-69 N '61.

Increased sensitivity and decreased resistance of the body of narcotics, sedatives and analgesics in oxygen starvation [with summary in English]. A. I. Ulovich. Arkh. pat. no. 9:80-86 '62.

NARCOTINE

Determining the narcotine content in opium. V. M. Merlis, M. R. Bagreeva, G. G. Veselovskaia. Med. prom. 16 no. 2:46-48 F '62.

NATIONAL SOCIALISM see subdivision under Germany

NATIONALITIES

Financial policy of the prerevolutionary government in its colonies and taxes levied on distant regions. A. I. Bukovetskii. Ist. SSSR 6 no. 1:142-156 Ja-F '62.

In a joint family to a united goal. Uzbekistan 21 no. 1:3 Ja '62.

Kozlov, V. K. [Triumph of the Lenin nationalities policy of the CPSU] Torzhestvo leninskoi natsional'noi politiki KPSS. Moskva, Gos. izd-vo polit. lit-ry, 1960. 94 p.

NATURAL GAS see Gas, Natural

NATURAL HISTORY MUSEUMS see subdivision under Alma-Ata

NATURAL RESOURCES

(see also subdivision under Altai Territory)

Transformation of our country's nature; present-day tasks of Soviet geography. I. P. Gerasimov. Priroda 51 no. 3:9-18 Mr '62.

NATURE IN LITERATURE

Reality of beauty in nature. V. Romanenko. Vop. lit. 6 no. 1:83-96 Ja '62.

NATURE STUDY

Birds as children's pets. L. I. Perfil'eva, L. IA. Sheklova, A. A. Sakevich. Doshk. vosp. 35 no. 4:50-73 Ap '62.

Calendar of nature. A. O. Solomatin and others. Priroda 51 no. 3:125-128 Mr '62.

December. V. Parkhomenko. Nauka i zhyttia 11 no. 2:17 F '62.

A fairy tale must be seen. L. Osipova. Ogonek 40 no. 10:16 Mr '62.

Let's bring children closer to nature. S. V. Loginov. Doshk. vosp. 35 no. 3:68-72 Mr '62.

March snow. G. Gunn. Smena 39 no. 6:21-25 Mr '62.

Our locality. I. IA. Melamedov. Nach. shkola 30 no. 4:61-66 Ap '62.

NATURE STUDY—PERIODICALS

Fiftieth anniversary of "Priroda." V. Pokrovskii. V mire knig 2 no. 2:17 F '62.

NAU (UZBEKISTAN)—COLLECTIVE FARMS

Both cotton and mental. N. Karimov. Uzbekistan 21 no. 1:11 Ja '62.

NAUMENKO, IVAN MATVEEVICH, 1899-1961

Ivan Matveevich Naumenko, obituary. Les. khoz. 15 no. 2:73 F '62.

NAUTILOIDEA, FOSSIL—CLASSIFICATION

Shimanskii, V. N., and F. A. Zhuravleva. [Basic problems in the systematics of nautiloids and groups related to them] Osnovnye voprosy sistematiki nautiloidei i rodstvennykh im grupp. Moskva, Izd-vo Akad. nauk SSSR, 1961. 175 p., 15 plates. (Akademiia nauk SSSR. Paleontologicheskii institut. Trudy, vol. 90)

NAVAL ARCHITECTURE

Interpolation method of making theoretical drawings. V. V. Ashik. Sudostroenie 28 no. 2:9-11 F '62.

Vlasov, V. G. [Collected works] Sobranie trudov. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl.

Vol. 7. [Ship statics; stability when inclined at large angles; reserve buoyancy] Statika korablia: ostoichivost' pri bol'shikh otkloneniiakh, nepotopliaemost'. 1961. 416 p.

NAVIES see also subdivision 'Navy' under Russia

NAVIGATION

A method for determining the location of the ship in the fishing area. V. I. IAkovlev. Ryb. khoz. 37 no. 11:40-41 '61.

NAVIGATION—PROBLEMS, EXERCISES, ETC.

Aleksandrovskii, V. V., and A. F. Matsiuto. [Collection of problems and exercises in navigation] Sbornik zadach i uprazhnenii po navigatsii. Izd. 2., perer. Leningrad, Izd-vo "Morskoi transport," 1961. 316 p.

NAVIGATION (AERONAUTICS)—PROBLEMS, EXERCISES, ETC.

Answers to problems published in No. 9 of this periodical. Vest. protivovozd. obor. no. 12:40 D '61.

I solved. (answer to problem in No. 10, "How does the distance change" and in No. 11, "Determine the possibilities of the fighter plane") S. Markov. Vest. Vozd. Fl. no. 12:84 D '61.

NAVIGATION, RADAR IN see Radar in navigation

NEAR EAST—MAPS

Russia (1923- U. S. S. R.) Glavnoe upravlenie geodezii i kartografii. [Jordan, Israel, Lebanon, Cyprus; 1:1000 000] Iordaniia, Livan, Izrail', Kipr; 1:1000 000. Moskva, Gos. izd-vo geogr. lit-ry, 1961.

——— Lebedev, E. A. [Text] 1960. 18 p.

NEAR EAST—POLITICS

Expansionist policy of the U. S. A. in the Near and Middle East. G. I. Mirskii. Nar. Azii i Afr. no. 1:165-168 '62.

NEARSIGHTEDNESS see Myopia

NEBIT-DAG REGION—PETROLEUM WORKERS

"The mode of life of the petroleum workers in Nebit-Dag and Kum-Dag" by Shikhberdy Annakiychev. Reviewed by V. Krupianskaia. Sov. etn. no. 1:115-117 Ja-F '62.

NEBULAE

Alksnis, Andrejs. [Stars and nebulae] Zvaigznes un miglaji. Riga, Latvijas PSR Zinatnu akademijas izdevnieciba, 1961. 96 p. [In Latvian]

Determining coordinates of planetary nebulae from photographs of their spectra taken with an objective prism [with summary in English]. IU. L. Frantsman. Astron. zhur. 39 no. 2:256-259 Mr-Ap '62.

Identification of exciting stars and the determination of the parameters of emission nebulae from radio-astronomy data [with summary in English]. A. D. Kuz'min, R. I. Noskova. Astron. zhur. 39 no. 2:241-247 Mr-Ap '62.

The 1_α radiation field in planetary nebulae [with summary in English]. T. F. Pleshkova. Astron. zhur. 39 no. 2:235-240 Mr-Ap '62.

Structural details of emission nebulae [with summary in English]. M. V. Dolidze. Biul. Abast. astrofiz. obser. no. 26:21-23 '61.

Structure of the arm in Orion [with summary in English]. L. I. Pronik. Astron. zhur. 39 no. 2:362-383 Mr-Ap '62.

NEBULAE—SPECTRA

Spectrophotometry of faint planetary nebulae [with summary in English]. N. A. Razmadze. Biul. Abast. astrofiz. obser. no. 26:25-33 '61.

Wavelengths of forbidden lines of sulfur in nebulae [with summary in English]. V. F. Esipov. Astron. zhur. 39 no. 2:365-367 Mr-Ap '62.

NECHUI-LEVYTS'KYI, pseud. see Levyts'kyi, Ivan, 1837-1918

NEDRIGAYLOV DISTRICT—CONSTRUCTION INDUSTRY

The Party Congress was greeted by overfulfillments of the building plan. IA. Fedorchenko. Stil' bud. 11 no. 11:5-6 N '61.

NEDRIGAYLOV DISTRICT—FARM BUILDINGS

Glorious deeds of a brigade of communist labor. S. Hrynov. Stil' bud. 11 no. 11:8-9 N '61.

NEDVIGOVKA—CITIES AND TOWNS, RUINED, EXTINCT, ETC.

Work of the Lower Don Expedition in 1957-1958. D. B. Shelov. Krat. soob. Inst. arkheol. no. 83:126-135 '61.

NEKRASOV, ALEKSEI DMITRIEVICH, 1874-1960

In memory of Aleksei Dmitrievich Nekrasov; obituary. E. N. Mirzoian. Biul. MOIP. Otd. biol. 67 no. 1:136-138 Ja-F '62.

NEMAN RIVER—INLAND WATER TRANSPORTATION

Nemunas, its people and prospects. S. Chernenko. Rech. transp. 21 no. 2:9-11 F '62.

NEMAN VALLEY—PASTURES AND MEADOWS

Geobotanical characteristics of meadows of the right bank tributaries of the Neman River. I. D. Ilkevich, E. A. Kruganova, I. I. IAsinskii. Biul. Inst. biol. AN BSSR no. 6:82-93 '61.

NEMATODA

(see also subdivision under Armenia)

Biological cycle of Rictularia amurensis Schulz, 1927 (Nematoda, Rictulariidae). IU. F. Morozov. Uch. zap. GGPI no. 27:7-26 '60.

Biological cycle of Spirocerca lupi (Rudolphi, 1809), (Nematoda, Spirurata). N. S. Nazarova. Uch. zap. GGPI no. 27:121-132 '60.

Morphology of the larvae of Dictyocaulus viviparus (Bloch, 1782). D. Eckerti Skrjabin, 1931. F. N. Morozov, IU. F. Morozov. Uch. zap. GGPI no. 27:13-15 '60.

New species of Nematoda found in geckos of Central Asia. G. S. Markov, O. P. Bogdanov. Izv. AN Turk. SSR. Ser. biol. nauk no. 1:73-77 '62.

NEMATODE DISEASES OF PLANTS see subdivision under Gorkiy Province

NEOSTIGMINE

Effect of adrenaline on contractured of the Rectus abdominis in the frog produced with potassium chloride and proserine [with summary in English]. R. S. Rybolovlev. Biul. eksp. biol. i med. 52 no. 11:62-65 N '61.

Elimination of proserin-induced bronchospasm by air massage of the lungs in an experiment, preliminary report [with summary in English]. N. F. Mistakopulo. Grud. khir. 1 no. 4:80-87 Jl-Ag '59.

NERUDA, PABLO, 1904-

"Pablo Neruda, an outline of his works" by L. Ospovat. Reviewed by Vladimir Ognev. Vop. lit. 6 no. 1:223-228 Ja '62.

NERVES—ANATOMY

Significance of a recurrent axon collateral in the structural organization of nerve centers [with summary in English]. V. I. Pilipenko. Biul. eksp. biol. i med. 53 no. 2:106-111 F '62.

NERVES—WOUNDS AND INJURIES

Pathomorphological changes in an injured nerve depending on the degree of the injury [with summary in English]. P. A. Perfilov. Vrach. delo no. 2:67-72 F '62.

NERVES, CARDIAC

Some disputable problems concerning the innervation of the heart. S. P. Semenov. Trudy Len. ob-va est. 72 no. 1:102-104 '61.

NERVES, CRANIAL

Study of the reflex effects from the venous sinuses to the regional cerebral arteries [with summary in English]. G. I. Mchedlishvili, L. G. Ormotsadze. Biul. eksp. biol. i med. 53 no. 2:9-13 F '62.

NERVES, CRANIAL—DISEASES

Clinical aspects of disorders of the craniocerebral nerves in hypertension [with summary in English]. G. D. Leshchenko, Z. IU. Svetnik. Vrach. delo no. 2:72-77 F '62.

NERVES, FACIAL—DISEASES

Corticosteroid treatment of facial neuritis M. A. Vashchenko. Vrach. delo no. 8:70-75 Ag '61.

NERVES, INTERCOSTAL

Physiological properties of the sensory fibers of the phrenic and intercostal nerves [with summary in English] V. D. Glebovskii. Biul. eksp. biol. i med. 53 no. 2:17-22 F '62.

NERVES, PERIPHERAL—DISEASES

Causalgic syndrome and vegetative pathology in traumata of the peripheral nervous system. Kh. K. Salakhutdinov. Med. zhur. Uzb. no. 5:15-19 My '60.

NERVES, PERIPHERAL—SURGERY

Surgery on the peripheral nerves in leprous patients. A. S. Ishtaev. *Zdravookhranenie Kazakhstana* 22 *no.* 1:8-11 '62.

Surgical treatment of injuries of the nerves of the extremities. K. V. Grigorovich. Vest. khir. no. 3:91-96 '62.

NERVES, SPINAL—DISEASES

Experimental allergic encephalomyeloradiculitis [with summary in French] A. F. Makarchenko and others. Zhur. nevr. i psikh. 62 no. 3,361-366 '62.

Lumbar sacral radiculitis. IA. Dubrov. Sel'. mekh. no. 3:27 '62.

Morbidity due to lumbosacral radiculitis in drillers and workers in underground oil well repair in Bashkiria. N. V. Mustaev. Kaz. med. zhur. no. 1:77-79 Ja-F '62.

NERVES, SPLANCHNIC

Some elements of the organization in the representation of visceral afferent systems at the thalamic level. Report No. 1. Representation of the splanchnic nerve in the posterior ventral nucleus of the thalamus of a cat [with summary in English] R. A. Durinian. Biul. eksp. biol. i med. 53 no. 2:22-27 F '62.

NERVOUS SYSTEM

Apropos of V. I. Nikitinov's article, "Materials on I. P. Pavlov's attitude towards the use of mathematical methods in studying problems in digestion and higher nervous activity." V. Fedorov. Zhur. nevr. i psikh. 62 no. 3:478-479 '62.

Attempt at experimental reproduction of cardiac lesions by means of action exerted on the nervous system [with summary in English] I. K. Shkhvatsabaia. Kardiologiia. 1 no. 3:18-29 My-Je '61.

Brazier, Mary Agnes Burniston. [The electrical activity of the nervous system. Translated from the English] *Elektricheskaia aktivnost' nervnoi sistemy.* Moskva, Izd-vo inostr. lit-ry, 1955. 215 p. (*NNC-M*)

Characteristics of the higher nervous activity in epileptic children [with summary in English] I. T. Viktorov. *Zhur. vys. nerv. deiat.* 11 *no.* 6:999-1004 N-D '61.

Correlation between the functional state of the central nervous system, nutrition and growth in ontogenesis [with summary in English] J. Lat. Vop. pit. 21 no. 2:3-10 Mr-Ap '62.

Correlation of the typological properties of higher nervous activity and the course of pathological processes [with *summary in English*]. N. M. Vavilova and others. Zhur. vys. nerv. deiat. 11 no. 6:1038-1043 N-D '61.

Course of the radiation sickness under the changed reactivity of the central nervous system. R. K. Arutiunian. Vop. radiobiol. [AN Arm. SSR] 1:47-57 '60.

Development of the nervous system in children whose mothers suffered from prediabetes during pregnancy [with summary in English]. IU. I. Barashnev. Vop. okh. mat. i det. 7 no. 2:54-61 F '62.

Effect of glutamine and γ-aminobutyric acid on the excitation processes in the central synapses [with summary in English]. P. E. Diablova. Biul. eksp. biol. i med. 53 no. 1:66-69 Ja '62.

Effect of nicotinic acid and its amide on higher nervous activity [with summary in English] N. A. Nikolov. Vop. pit. 21 no. 2:64-68 Mr-Ap '62.

Effect of poisoning by venoms on the higher nervous activity of mammals. N. M. Artemov. Nauch. dokl. vys. shkoly, biol. nauki no. 1:88-92 '62.

Evaluating the role of cerebellum in the *higher nervous* activity of dogs. L. P. Markarian, E. E. Terdzhanian. Izv. AN Arm. SSR. Biol. nauki. 14 no. 11:65-71 N '61.

Functional state of the nervous system in dysentery patients, based on the study of adequate optical chronaxy. A. P. Kazantsev. Trudy Len. ob-va est. 72 no. 1:132-133 '61.

"Handbook of physiology. Section 1. Neurophysiology. *Vol. 2 [in English]*." Reviewed by F. V. Bassin and L. P. Latash. Report No. 2. Zhur. nevr. i psikh. 62 no. 3:460-466 '62.

Influence of the nervous system on the medullary hematopoiesis [with summary in *English*]. *M. R. Rakhmatova.* Biul. eksp. biol. i med. 52 *no.* 7:45-48 Jl '61.

Limit of an elaborated inhibitory process in dogs with *various types* of nervous system [with summary in English] E. G. Guseva. Zhur. vys. nerv. deiat. 11 no. 6 *1074-1082 N-D* '61.

Materials for the study of the neural regulation of *the* complement function of the blood [with summary in English]. V. I. Lukianenko. Biul. eksp. biol. i med. 52 no. 11:92-94 N '61.

Mechanism of synaptic transmission of nerve impulses. D. S. Vorontsov. Trudy Len. ob-va est. 72 no. 1:98-99 '61.

Mechanisms of central influences eliminating parabiosis. I. L. Vasiliev. Trudy Len. ob-va est. 72 no. 1:18-23 '61.

Nature of central inhibition in mechanical trauma [with summary in English] V. R. Manukian, P. V. Simonov. *Pat. fiziol. i eksp. terap.* 6 no. 1:43-49 Ja-F '62.

Raising the resistance of hypercapnia of the central nervous system and of the myocardium. I. V. Popova. Eksp. khir. i anest. 6 no. 5:12-15 S-O '61.

Role of the neural factor in the origin of hypertension. I. I. Speranskii. Kardiologiia. 1 no. 3:3-9 My-Je '61.

Some characteristics of higher nervous activity in adult animals irradiated with ionizing radiations before birth. Report No. 4: State of higher nervous activity in adult white rats irradiated daily with small doses of X-rays throughout the entire period of antenatal development [with summary in English]. I. A. Piontkovskii, V. N. Semagin. Biul. eksp. biol. i med. 52 no. 11:15-22 N '61.

State of the nervous system in heliotropic hepatitis [with summary in French] E. N. Kutchak. Zhur. nevr. i psikh. 62 *no.* 3,380-383 '62.

Utilization of the vascular reaction to nicotinic acid for studying changes in the function of the nervous system in psychiatry [with summary in French]. G. Kaspai, V. Mate. Zhur. nevr. i psikh. 61 no. 8:1232-1240 '61.

NERVOUS SYSTEM—AMPHIBIA

Role of the neurosecretion in the regulation of metamorphosis of Amphibia [with summary in English]. A. A. Voitkevich. Zhur. ob. biol. 23 no. 1:45-55 Ja-F '62.

NERVOUS SYSTEM—BIBLIOGRAPHY See Bibliography—Nervous system

NERVOUS SYSTEM—CANCER

Uspenskii, E. A. [Changes in the nervous system in cancer, morphological studies in comparison with neurological symptoms] Izmeneniia nervnoi sistemy pri rake; morfologicheskie issledovaniia v sopostavlenii s nevrologicheskimi simptomami. Kiev, Gos. med. izd-vo USSR, 1961. 186 p. (DNLM)

NERVOUS SYSTEM—DISEASES

Clinical aspects and treatment of disorders of respiration in diseases of the nervous system of different etiology [with summary in French] L. M. Popova, O. A. Khondkarian, V. F. Dubrovskaia. Zhur. nevr. i psikh. 61 no. 8:1117-1121 '61.

Clinical aspects of the basic syndromes in some chronic progressive diseases of the nervous system [with summary in French] S. A. Mel'nikov, A. M. Vein, B. M. Gekht. Zhur. nevr. i psikh. 61 no. 8:1160-1167 '61.

Course of the injuries of the central nervous system in animals exposed to X rays. I. S. Gezalian. Vop. radiobiol. [AN Arm. SSR] 1:59-67 '60.

Electrophysiological study of the state of the central nervous system in experimental brucellosis [with summary in English]. I. I. Poliakov, K. M. Mokhin. Biul. eksp. biol. i med. 53 no. 2:52-57 F '62.

"Neuropathology and psychiatry" (Collected scientific works of neuropathologists and psychiatrists of the Latvian S. S. R.) Reviewed by I. A. Stankevich, A. A. Khachaturian. Zhur. nevr. i psikh. 61 no. 8:1271-1273 '61.

Pathogenesis of influenzal diseases *of the nervous system* [with summary in French]. A. D. Dinaburg, P. G. Klein, A. K. Shinkarenko. Zhur. nevr. i psikh. 61 no. 8:1129-1134 '61.

Pathomorphological changes in the nervous system in rheumatism [with summary in English] M. Dragiev. Zhur. nevr. i psikh. 61 no. 8:1153-1159 '61.

Routes of penetration of the tetanus toxin into the central nervous system and some problems in the pathogenesis of experimental tetanus. Report No. 3. Experiments on monkeys and dogs [with summary in English]. G. N. Kryzhanovskii and others. Biul. eksp. biol. i med. 52 *no. 11:35-43 N* '61.

Some urgent problems regarding the clinical aspects and pathogenesis of occupational diseases of the peripheral nervous system and muscles [with summary in English] *E. A. Drogichina.* Gig. truda i prof. zab. 4 no. 2:3-9 F '60.

Transfer of induction relations *of the ultraparadoxical* phase in the differentiation of the motor analyser (parabiosis as a *general pathophysiological* basis of aphasia, apraxia, agnosia and incoherence of thought in schizophrenia) [with summary in French] K. A. Zaimov. Zhur. nevr. i psikh. 61 no. 8:1204-1209 '61.

Treatment of postinfluenzal disorders of the nervous system in a neurological hospital. G. M. Sidorko. Vrach. delo no. 8:134-135 Ag '61.

Urinary excretion of 5-hydroxyindoleacetic acid in some diseases of the nervous system [with summary in English] I. L. Vaisvelid. Vop. med. khim. 7 no. 3:309-313 My-Je '61.

NERVOUS SYSTEM—FISHES

Inheritance of some characteristics of higher nervous *activity in interspecific hybridization* [with summary in English]. M. E. Lobashev, R. IU. Kasimov, V. G. Marshin. Izv. AN SSSR, Ser. biol. 27 no. 1:56-69 Ja-F '62.

NERVOUS SYSTEM—INSECTS

Dynamics of changes in the excitability of motor neurons of the thoracic ganglion in migratory locusts due to cold stimulation of the brain. I. V. Chudakova. Dokl. AN SSSR. 143 no. 3,743-745 Mr '62.

Nature of cell multiplication in the central nervous system of the nymph of a house cricket (Gryllus domesticus L., Orthoptera, Insecta). A. A. Prinov. Dokl. AN SSSR. 143 no. 2:471-474 Mr '62.

NERVOUS SYSTEM—RADIOGRAPHY

Changes in the nervous system and internal organs during the late periods following radiotherapy [with summary in English] L. M. Omel'chenko, M. A. Morkova. Med. rad. no. 3:8-14 '62.

"Clinical neuroradiology [in German]" by Kurt Decker. Reviewed by M. L. Gal'perin. Vest. rent. i rad. 36:81-83 Ja-F '61.

"Clinical neuroradiology [in German]" by Kurt Decker and others. Reviewed by F. Shternberg. Zhur. nevr. i psikh. 61 no. 8:1267-1268 '61.

NERVOUS SYSTEM—SURGERY
(see also subdivision under Great Britain)

Care of neurosurgical patients with respiratory disorders. V. A. Kozyrev. Med. sestra. 20 no. 1:36-40 Ja '61.

NERVOUS SYSTEM, AUTONOMIC

Alcoholic irritation neurovegetative syndrome. Report No. 2 [with summary in French] I. M. Lukoms. Zhur. nevr. i psikh. 62 no. 3,410-414 '62.

Effect of a vegetative ganglionic block on the course of conditioned reflex leucocytosis [with summary in English] N. I. Kuznetsov. Zhur. mikrobiol., epid. i immun. 33 no. 2:52-55 F '62.

Role of the autonomic nervous system in the regulation of cardiovascular activity in a limb (left) [with summary in English] E. M. Smirenskaia. Fiziol. zhur. SSSR. *no. 3:43-51 My-Je* '59.

NERVOUS SYSTEM, AUTONOMIC—DISEASES

Clinical aspects of neurovegetative disorders in neuroinfectious diseases (sensitive-sensory and vegetative allergic syndrome) [with summary in English]. I. A. Pshenichenko. Vrach. delo no. 2:77-82 F '62.

NERVOUS SYSTEM, SYMPATHETIC

Afferent innervation of ganglia of the vegetative nervous system. N. G. Kolosov. Trudy Len. ob-va est. 72 no. 1:98-102 '61.

Conditions for the appearance of vasodilator effects in the extremity following stimulation of the sympathetic trunk. Report No. 1. Role of the frequency, duration of the stimulus and of the state of the experimental animal in determining the character of the effect. I. M. Rozhkova, V. P. Kulagina. Biul. eksp. biol. i med. 53 no. 2:14-18 F '62.

Influence of urea on the effects of nerve motions on the heart muscle [with summary in English]. A. A. Stanozhentskii. Biul. eksp. biol. i med. 52 no. 7:15-17 Jl '61.

Morphology of the nodose ganglion of the vagus nerve in a dog. M. G. Gulinov. Uzb. biol. zhur. 6 no. 1:47-51 '62.

Novocaine block of the third left thoracic sympathetic ganglion in the compound treatment of infiltrative forms of tuberculosis. N. P. Nikov. Kaz. med. zhur. no. 3:78-81 '61.

Significance of vagosympathetic novocaine blockade for the diagnosis of "acute abdomen." V. IU. Kemmler. Vrach. khir. no. 9:105-108 '61.

Some data from cytological *and histochemical studies* of cerebrospinal ganglia in unilateral nephrectomies. F. A. Zufarov. Med. zhur. Uzb. no. 1:59-61 Ja '62.

NERVOUS SYSTEM, SYMPATHETIC—DISEASES

Causalgic syndrome and vegetative pathology in traumata of the peripheral nervous system. Kh. K. Salakhutdinov. Med. zhur. Uzb. no. 5:15-19 My '60.

Clinical aspects of influenzal cervical neuralgia of the sympathetic nervous system [*with summary in English*]. A. D. Dinaburg. Vrach. delo no. 8:75-78 Ag '61.

NERVOUS SYSTEM, SYMPATHETIC—SURGERY

Lumbar sympathectomy in atherosclerosis obliterans. M. M. Zobina. Vest. khir. no. 8:45-48 '61.

NERVOUS SYSTEM, VASOMOTOR

Change in the vascular tonus during operations on the cardiovascular system [with summary in English]. A. L. Parfenov, E. M. Smirenskaia. Grud. khir. 3 no. 5:43-48 N-D '61.

Conditions for the appearance of vasodilator *effects* in the extremity following stimulation of the sympathetic trunk. *Report No. 1.* Role of the frequency, duration of the stimulus and of the state of the experimental animal in determining the character of the effect. I. M. Rozhkova, V. P. Kulagina. Biul. eksp. biol. i med. 53 no. 2:13-17 F '62.

Reflex regulation of vascular tonus in isolated hyperthermia of the brain [with summary in *English*]. *M. I. Kondratovich.* Biul. eksp. biol. i med. 53 no. 1:7-11 Ja '62.

NETWORKS, ELECTRIC see Electric networks

NEURALGIA

Clinical aspects of influenzal cervical neuralgia of the sympathetic nervous system [with summary in English]. A. D. Dinaburg Vrach. delo no. 8 75-78 Ag '61

NEURALGIA, TRAUMATIC

Causalgic syndrome and vegetative pathology in traumata of the peripheral nervous system Kh. K. Salakhutdinov Med. zhur. Uzb. no. 5:15-19 My '60.

NEURITIS

Treatment with novocembichine of neuritis of the acoustic nerve. M. L. Abramov. Zdrav. Bel. 6 no. 1 58-60 Ja '62.

NEURITIS, MULTIPLE

Petelin, S. M. [Spa treatment of infectious lumbosacral radiculoneuritis] Infektsionnyi poiasnichno-kresttsovyi radikulonevrit i lechenie ego na kurorte Moskva, Medgiz, 1961. 149 p. (Biblioteka prakticheskogo vracha) (DNLM)

Two cases of treating diphtherial polyneuritis with disorders of respiration by means of "iron lung." M. V. Kubargina Pediatriia no. 2:84-85 '62

NEUROCHEMISTRY

Iudin, S. S. [Selected works; surgery of peptic ulcer of the stomach and neurohumoral regulation of gastric secretions in man] Izbrannye proizvedeniia, khirurgiia iazvennoi bolezni zheludka i neiro-gumoral'naia regulitsiia zheludochnoi sekretsii u cheloveka. Moskva, Medgiz, 1962 364 p.

NEUROCIRCULATORY ASTHENIA

Neurovascular changes in patients with erythremia following radioactive phosphorus treatment [with summary in English]. A. E. Dubovaia. Vrach. delo no. 2:67-68 F '62.

NEUROSES

Climacteric neuroses and their treatment. V. V. Slonitskii Fel'd i akush. 27 no. 1 19-25 Ja '62

Correlation of the typological properties of higher nervous activity and the course of pathological processes [with summary in English] N. M. Vavilova and others Zhur. vys. nerv. deiat. 11 no. 6 1038-1043 N-D '61.

Evaluation of the clinical significance of anticerebral antibodies in the serum of patients with schizophrenia and other neuropsychic diseases [with summary in French] S. F. Semenov, G. V. Morozov, N. I. Kuznetsova Zhur. nevr. i psikh. 61 no. 8 1210-1215 '61.

Neurotic syndromes in former alcoholics. F. F. Detengof Med. zhur. Uzb. no. 5:11-15 My '60.

Study of the correlation between signaling systems in neuroses [with summary in English] A. F. Dmitriev, I. G. Petrov Zhur. vys. nerv. deiat. 11 no. 6 979-984 N-D '61.

Treating experimental neuroses with aminazine [with summary in English]. N. M. Lytvynova. Fiziol. zhur. [Ukr.] 7 no. 6:769-774 N-D '61.

Vestibular disorders in climacteric neurosis [with summary in English] M. G. Arsen'eva, A. M. Raskin Sov. med. 25 no. 2 98-102 F '62.

NEUROSURGERY See Nervous system—Surgery

NEUTRALITY

Mozikovian, L. A. [The policy of neutrality] Politika neitraliteta Moskva, Izd-vo "Znanie," 1962. 31 p. (Novoe v zhizni, nauke, tekhnike. Seriia 7: Mezhdunarodnaia, no. 3)

NEUTRONS

Nuclear shells and instantaneous fission neutrons [with summary in English]. M. V. Blinov, V. P. Piesmont. Zhur. eksp. i teor. fiz. 42 no. 1:180-182 Ja '62.

Recording neutrons of pulsed sources G. E. Murgulia, A. A. Pliuto, I. M. Rozman. Prib. i tekh. eksp. 7 no. 1: 54-55 Ja-F '62.

Use of collimated neutron beams in shielding studies (B-2 unit used with a BR-5 reactor) S. G. TSypin. Atom. energ. 12 no. 4:300-305 Ap '62

NEUTRONS—DECAY

Decay of the neutron IU. A. Prokof'ev, P. E. Spivak Atom. energ. 12 no. 4:278 Ap '62

NEUTRONS—SCATTERING

Neutron spectra for mixtures of two noninteracting gases heated to various temperatures O. B. Moskalev. Atom. energ. 12 no. 4:279-282 Ap '62.

NEUTRONS—SPECTRA

Neutron spectra for mixtures of two noninteracting gases heated to various temperatures O. B. Moskalev. Atom. energ. 12 no. 4:279-282 Ap '62.

Spectrum of slow neutrons from the horizontal channel of a water-moderated water-cooled reactor. V. P. Vertebnyi and others Atom. energ. 12 no. 4:324-326 Ap '62

NEW GUINEA, DUTCH

"Western Irian" by G. L. Kesselbrenner. Reviewed by A. M. Model'. Nar. Azii i Afr. no. 1:201-202 '62.

"Western Irian" by G. L. Kesselbrenner Reviewed by N. Butinov. Sov. etn. no. 1:139-141 Ja-F '62.

NEW YORK (CITY)—OPERA, UKRAINIAN

"Taras Bulba" beyond the ocean Oleksandr Sarana Ukraina no. 6 8 Mr '62

NEW YORK (CITY)—THEATER

In the United States Sasha Lurie and others. Teatr 24 no. 3 115-151 Mr '62

NEWCASTLE DISEASE

Variability of the Asian fowl plague virus cultured in transplanted mouse embryo cells (the KEM-L line) [with summary in English] V. I. Gavrilov, N. N. Dodonova. Vop. virus. 7 no. 1 92-100 Ja-F '62.

NEWSPAPERS

Artists publish a newspaper. An. Filatov. Teatr 23 no. 3:28 Mr '62

NEZHIN—COMMUNITY LIFE

On the basis of self-government Z. Izhevs'kyi Sots. kult. no. 2 8-9 F '62

NEZVISKA REGION—ANTIQUITIES

Analyzing metal articles from the layer of the Tripolye Culture near the Nezviska village. N. V. Ryndina Mat. i issl. po arkheol. no. 102 86-88 '62

NEZVISKA REGION—BRONZE AGE

History of the population of the middle Dniester Valley during the Aeneolithic Period E. K. Chernysh. Mat. i issl. po arkheol. no. 102 5-85 '62

NEZVISKA REGION—STONE AGE

History of the population of the middle Dniester Valley during the Aeneolithic Period. E. K. Chernysh Mat. i issl. po arkheol. no. 102 5-85 '62.

NIACIN see Nicotinic acid

NICKEL

(see also subdivision under Ural Mountains)

Instruments for a rapid determination of the activity and reduction degree of nickel powder A. I. Lystsov, V. G. Bryndin, IU. K. Didyk. Zav. lab. 28 no. 2 217-219 '62

[illegible] the [illegible]

mineral'nogo syr'ia, spravochnik dlia geologov. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr.

No. 26. Borisevich, N. V. [Nickel] Nikel'. Nauch. red. L. K. Krasil'nikov. Izd. 2., perer. 1961. 61 p.

Poisoning of nickel catalysts with thiophene G. D. Lubarskii, L. B. Avdeeva, N. V. Kul'kova. Kin. i kat. 3 no. 1 123-132 '62

NICKEL—HARDENING

Deformation aging of nickel V. F. Sukhovarov. Fiz. met. i metalloved. 13 no. 2 275-279 '62

NICKEL—MAGNETIC PROPERTIES

Rotational hysteresis of magnetostriction in nickel. V. S. Afoshin Izv. Sib. otd. AN SSSR no. 1 37-42 '62

Temperature dependence of the magnetization saturation and the magnetic structure of nickel films prepared by a chemical method N. V. Kotel'nikov, N. A. Korenev, T. D. Ermolina. Dokl. AN SSSR 143 no. 4 908-910 Ap '62

NICKEL—METALLURGY

Chromium behavior in the treatment of oxidized nickel ores A. V. Vaniukov Sbor. nauch. trud. GINTSVETMET no. 33 51-66 '60

NICKEL—THERMAL PROPERTIES

Effect of magnetization on the temperature dependence of internal friction in nickel I. B. Kekalo, B. G. Livshits Fiz. met. i metalloved. 13 no. 1 54-61 Ja '62.

NICKEL—TOXICOLOGY

Toxicity of finely dispersed nickel dust when inhaled repeatedly [with summary in English]. L. N. Seitvanova, V. F. Sosova. Gig. truda i prof. zab. 5 no. 6 26-29 Je '61.

NICKEL—WELDING

Dudina, N. I. [Methods of welding nickel and some of its alloys] Sposoby svarki nikelia i nekotorykh ego splavov; stenogramma lektsii. Leningrad, 1962. 44 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Seriia: Svarka i paika metallov)

NICKEL ALLOYS—METALLOGRAPHY

K-state and bonding forces in single phase solid solutions on a nickel base. B. G. Livshits, G. A. Rymashevskii Fiz. met. i metalloved. 13 no. 2:198-208 '62.

NICKEL-ALUMINUM ALLOYS

Defects due to hardening in nickel-aluminum solid solutions IU. A. Osip'ian, M. P. Usikov Dokl. AN SSSR 143 no. 2:319-322 Mr '62.

Interaction between metallic compounds Ni_3Al and Ni_3Nb. R. S. Mints, G. F. Bellaeva, IU. S. Malkov Dokl. AN SSSR 143 no. 4 871-874 Ap '62

NICKEL CATALYSTS

Selectivity and stereo specificity in reactions of n-hexene hydrogenation on a skeletal nickel catalyst L. Kh. Freidlin and others Dokl. AN SSSR 143 no. 4 883-886 Ap '62

NICKEL-CHROMIUM-ALUMINUM ALLOYS

Thermodynamic activity of chromium in nickel-chromium-aluminum alloys E. Z. Vintaikin Fiz. met. i metalloved. 13 no. 1 157-158 Ja '62

NICKEL-COBALT ALLOYS

Electroforming of nickel-cobalt alloy inserts for casting and pressing plastic products V. I. Lainer, IU. A. Velichko Sbor. nauch. trud. GINTSVETMET no. 33 405-426 '60

NICKEL COMPOUNDS

Thermodynamics of the reactions of multistep complex formation between nickel ions and monoethanolamine A. I. Sychev, A. P. Gorbatov Zhur. neorg. khim. 7 no. 2 269-274 F '62

NICKEL FORMATES

Kinetic characteristics of thermal decomposition of mechanical mixtures and solid solutions of nickel and cobalt formates V. V. Sviridov, A. A. Sai Dokl. AN BSSR 5 no. 10 448-451 O '61

NICKEL-IRON ALLOYS see Iron-nickel alloys

NICKEL-MANGANESE ALLOYS—METALLOGRAPHY

Effect of plastic deformation on the ordering process in nickel manganese alloys I. N. Bogachev, V. I. Mel'nikova Fiz. met. i metalloved. 13 no. 2 248-257 '62

NICKEL-MOLYBDENUM ALLOYS—WELDING

Welding of cast nickel-molybdenum alloys V. A. Toropov, G. I. Gerasimenko Khim. mash. no. 2 33-36 Mr.-Ap '62

NICKEL-NIOBIUM ALLOYS

Interaction between metallic compounds Ni_3Al and Ni_3Nb R. S. Mints, G. F. Bellaev, IU. S. Malkov Dokl. AN SSSR 143 no. 4 871-874 Ap '62

NICKEL OXIDE—SPECTRA

Spectra of pure nickel protoxide and nickel protoxide with adsorbed gases K. Kleer Kin. i kat. 3 no. 1 65-71 '62

NICKEL-PALLADIUM ALLOYS—ELECTRIC PROPERTIES

Temperature dependence of the galvanomagnetic effect in nickel-palladium alloys S. IAzliev Izv. AN Turk. SSR Ser. fiz.-tekh., khim. i geol. nauk no. 6 33-36 '61

NICKEL-PALLADIUM ALLOYS—MAGNETIC PROPERTIES

Temperature dependence of the galvanomagnetic effect in nickel-palladium alloys S. IAzliev Izv. AN Turk. SSR, Ser. fiz.-tekh., khim. i geol. nauk no. 6 33-36 '61

NICKEL PLATING

Purification of nickel and copper plating electrolytes by the separation method. K. N. Kharlamova and others Khim. mash. no. 2 23-26 Mr.-Ap '62.

NICKEL-PLATINUM ALLOYS

Effect of short range order on the hardness and characteristic temperature of Ni_3Pt V. I. Ivernova, A. A. Katsnel'son Fiz. met. i metalloved. 13 no. 2 317-319 '62

NICKEL-SILICON-COPPER ALLOYS see Copper-silicon-nickel alloys

NICKEL SILVER—ANALYSIS

Machinability of nickel silver depending on its structural and chemical composition N. G. Osokin, A. A. Razorenov Sbor. nauch. trud. GINTSVETMET no. 33 364-366 '60

NICKEL-TANTALUM ALLOYS

Crystal structure of Ta_2Ni P. I. Kripiakevich, E. N. Pylaeva. Zhur. struk. khim. 3 no. 1 35-37 Ja-F '62

Phase diagram of the tantalum - nickel system I. I. Kornilov, E. N. Pylaeva Zhur. neorg. khim. 7 no. 3 590-595 Mr '62

NICOTINE

Effect of peracetin (acetyl α-aminonicotine) on respiration and arterial blood pressure Sh. I. Gogniashvili. Soob. AN Gruz. SSR 27 no. 3 355-362 S '61

NICOTINIC ACID

Effect of nicotinic acid and its amide on higher nervous activity [with summary in English]. N. A. Nikolov Vopr. 21 no. 2,61-66 Mr-Ap '62

Gastric secretory function in the treatment of peptic ulcer and chronic gastritis with Vitamin B_1 and nicotinic acid V. I. Chernov, IA. I. Tomashevskii. Vrach. delo no. 8: 138-139 Ag '61

Utilization of the vascular reaction to nicotinic acid for studying changes in the function of the nervous system in psychiatry [with summary in French] G. Kassai, V. Mate. Zhur. nevr. i psikh. 61 no. 8 1232-1240 '61

NIGER—ECONOMIC CONDITIONS

Oases in Niger. V. Parkhitko. Az. i Afr. segodnia no. 3 42-43 Mr '62.

NIGERIA—HISTORY
A colonizationist interpretation of Nigerian history. S. R. Kim. Vop ist no 4:192-193 Ap '62

NIGHT WORK
The price of night shift. Mariia Luneva. Sov. profsoiuzy 18 no. 7 6-8 Ap '62.

NIGHTSHADE
Methods of drying the herb Solanum aviculare. N. P. Brink, D. N. Golovko. Med. prom. 15 no. 6 47-48 Je '61

NIKITIN, NIKOLAI NIKIFOROVICH
Nikolai Nikiforovich Nikitin. I. A. Gibsh. Mat. v shkole no. 2 65-66 Mr-Ap '62

NIKOLAEV, ALEKSEI, 1931-
Talent in the making. D. Blagoi. Sov. kniga. 26 no. 3, 48-54 Mr '62.

NIKOLAI, Archbishop of Tokyo and Japan, 1836-1912
Glorious centennial of the Apostle of Japan Archbishop Nikolai (Kasatkin) Sergii, Archbishop of Perm and Solikamsk. Zhur. Mosk. Patr. no. 12:22-28 D '61

NIKOLAYEV—SHIPBUILDING WORKERS
Following the call of the time. K. Korniienko. Sov. profsoiuzy 18 no. 5 30-31 Mr '62

NIKOLAYEV PROVINCE—JEHOVAH'S WITNESSES
Il'in, V. A. [The preachers of Armageddon] Propovidnyky armageddonu. Kyiv, Vyd-vo TsK LKSMU "Molod'," 1961. 36 p.

NIKOLAYEV PROVINCE—SHEEP BREEDING
Development of Askaniya sheep breeding stock on the Shmidt State Farm, Nikolayev Province. K. P. Letuchev. Nauk. pratsi "Ask.-Nov." 9,21-34 '61.

NIKOPOL' REGION—MANGANESE MINES AND MINING
Barlas, O. H. [Longwall mining with the use of ShchN-M-57 shields in the Nikopol' manganese basin] Vyimannia lavoiu z zastosuvanniam shchita *ShchN-M-57 u Nikopol's'komu margantsevomu* basein. [Dnipropetrovs'k] Dnipropetrovs'ke knyzhkove vyd-vo, 1959. 20 p.

NIOBIUM
Niobium in bauxites [with summary in English]. D. N. Pachadzhanov. Geokhimiia no. 2 164-170 '62.
State of niobium and tantalum in tartaric acid solutions. I. P. Alimarin, O. M. Petrukhin. Zhur. neorg. khim. 7 no. 2 401-406 F '62

NIOBIUM—SPECTRA
Quantitative spectrum analysis of niobium in carbonatite samples during the insertion of powder into the arc discharge by the pneumatic method. R. S. Rubinovich. Inform. biul. NIIGA no. 16 61-68 '59.

NIOBIUM CARBIDE
Differentiation analysis of chromium carbide in niobium steels. N. M. Popova, A. F. Platonova. Zav. lab. 28 no. 2 184-185 '62

NIOBIUM COMPOUNDS
Method for preparing the superconducting compound Nb_3Sn with summary in English]. F. K. Lange. Zhur. eksp. i teor. fiz. 42 no. 1:42-43 Ja '62

Niobium bronzes of alkali and alkaline earth metals. E. I. Krylov. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 6:888-891 '61.

NIOBIUM-NICKEL ALLOYS see Nickel-niobium alloys

NIOBIUM-TITANIUM-ALUMINUM ALLOYS
Phase equilibrium diagram of the niobium - titanium - aluminum system. I. A. Popov, V. I. Rabezova. Zhur. neorg. khim. 7 no. 2 436-439 F '62

NITRAGIN
Using antibiotics in the inoculation of phaseolus seeds with nitragin. L. V. Voronkova. Trudy Vses. inst. sel'khoz. mikrobiol. 17 83-86 '60

NITRATES—PHYSIOLOGICAL EFFECT
Establishing permissible concentrations of nitrates in water [with summary in English]. Sh. Kh. Kapanadze. Gig. i san. 26 no. 9 7-11 S '61.

NITRATION
Vapor-phase nitration of hydrocarbons of the cyclopentane series. Part 4: Nitration of butylcyclopentane. M. A. Peredreeva, IA. I. Denisenko, S. S. Novikov. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 6: 977-980 '61.

NITRIC ACID
Ammonia neutralization of solutions obtained by the decomposition of Kara-Tau phosphorites by nitric acid. I. N. Nishanov, V. S. Vyzgo, M. N. Nabiev. Uzb. khim. zhur. 6 no. 1:21-25 '62.
Atroshchenko, V. I., and S. I. Kargin. [Technology of nitric acid] Tekhnologiia azotnoi kisloty. Moskva, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1962. 523 p.
Effect of nitric acid on the *isomeric salts of dinitrotetraamminecobalt* and dinitrodiethylenediaminecobalt. A. Ganiev. Zhur. neorg. khim. 7 no. 2 265-268 F '62
New centrifugal immersion pump for transferring nitric acid. V. I. Teterkov, A. E. Voronkov. Khim. mash. no. 2 5-6 Mr-Ap '62

NITRILES
Direction of the catalytic reduction of dinitriles as affected by their structure. L. Kh. Freidlin, T. A. Sladkova. Dokl. AN SSSR 143 no. 3 625-628 Mr '62
Magnetic susceptibility of compounds of platinum with nitriles. V. I. Belova and others. Zhur. neorg. khim. 7 no. 3 479-481 Mr '62.

NITRO COMPOUNDS
Improved methods for producing α,ω-dinitroalkanes. L. V. Okhlobystina, A. A. Fainzil'berg, S. S. Novikov. Izv. AN SSSR Otd. khim. nauk no. 3 517-518 Mr '62
Interaction of polymers and copolymers of 2-methyl-5-vinylpyridine with aromatic nitro compounds. A. V. Topchiev and others. Dokl. AN SSSR 143 no. 3:621-624 Mr '62.
Mechanism of reduction of nitro compounds on the dropping mercury electrode. S. G. Mairanovskii and others. Izv. AN SSSR Otd. khim. nauk no. 3 523-525 Mr '62
Spectrophotometric study of dissociation constants of 1, 1-dinitropentane, 1, 1-dinitrohexane, and 1, 1-dinitrodecane. S. S. Novikov and others. Izv. AN SSSR Otd. khim. nauk no. 3 520-523 Mr '62.
Stradins, Janis. [Polarography of organic nitro compounds] Polarografiia organicheskikh nitrosoedinenii. Riga, Izd-vo Akad. nauk Latviiskoi SSSR, 1961. 162 p. [With summaries in Latvian and English]

NITROCELLULOSE
Investigation of the effect of light on the aging of cellulose nitrate by infrared spectroscopy. A. V. Uvarov, S. V. Iakubovich. Lakokras. mat. i ikh prim. no. 6:49-52 '61
Kinetics of thermal decomposition of pyroxylin. G. B. Manelis and others. Kin. i kat. 3 no. 1:42-48 '62

NITROFORM
Spectra and structure of halo derivatives of trinitromethane. V. A. Shliapochnikov, A. A. Fainzil'berg, S. S. Novikov. Izv. AN SSSR Otd. khim. nauk no. 3 519-520 Mr '62.

NITROGEN
Form of nitrogen in peaches and their preserves. D. M. Bektirski. Izv. AN Arm. SSR, Biol. nauki 14 no. 12,91-96 D '61.
Nitrification capacity of the plow layer of deep turf-meadow soils in the Amur Valley. V. D. Likholat. Trudy Vseros. nauch.-issl. inst. sakh. svekly i sakh. 1 no. 2 71-74 '61

NITROGEN COMPOUNDS
Electron diffraction study of the structure of molecules of trivalent nitrogen compounds: dimethylformamide and N-methylpyrrole. L. V. Vilkov, P. A. Akishin, V. M. Prusniakova. Zhur. strukt. khim. 3 no. 1:5-9 Ja-F '62.

NITROGEN-FIXING MICRO-ORGANISMS see Micro-organisms, Nitrogen-fixing

NITROGEN INDUSTRIES—CONGRESSES
Conference of workers of the nitrogen industry. P. M. Luk'ianov. Zhur. VKHO 7 no. 1:105-106 '62.

NITROGEN METABOLISM
Effect of wilting on the transformation of nitrogenous substances in leaves [with summary in English]. N. V. Subbotina. Fiziol. rast. 9 no. 1 86-90 '62
Nitrogen metabolism in acute radiation sickness in dogs fed a milk-egg diet [with summary in English]. A. S. Kainova. Med. rad. no. 3:35-39 '62.
Ontogenetic changes in the nitrogen requirment of corn in relation with the peculiarities of metabolism [with summary in English]. Iu. S. Karpilov. Izv. AN SSSR, Ser. biol. 27 no. 1:112-116 Ja-F '62.
Significance of light in nitrite reduction in a green leaf [with summary in English]. N. P. Voskresenskaia, G. S. Grishina. Fiziol. rast. 9 no. 1 7-15 '62

NITROGEN OXIDES
By-product coke plants are in need of acids free of nitrous compounds. V. I. Gladushko. Koks i khim. no. 3:33-35 '62.
Increasing the absorption of nitrogen oxides from exhaust gases by alkaline solutions. S. N. Ganz. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 998-1002 '61

NITRON
Complex formation in the system trivalent ferric ion - nitron - thiocyanate. Part 3: Isolation and study of the extractibility of nitron - thiocyanate complex of iron by means of dichloroethane. A. S. Babenko, V. N. Tolmachev. Ukr. khim. zhur. 28 no. 2:139-145 '62.

NITROSOMONAS
Adaptation of *Nitrosomonas* ectotypes to concentrations of organic substances in the culture media [with summary in English]. O. M. Ul'ianova. Mikrobiologiia 31 no. 1:77-84 Ja-F '62.

NIYAZBASHI—COLLECTIVE FARMS
Cultural development of the Uzbek kishlak of Niyazbashi [with summary in English]. S. M. Mirkhasilov. Sov. etn. no. 1:8-18 Ja-F '62.

NIYAZBASHI—INTELLECTUAL LIFE
Cultural development of the Uzbek kishlak of Niyazbashi [with summary in English]. S. M. Mirkhasilov. Sov. etn. no. 1 8-16 Ja-F '62.

NIZHNEGORSKIY DISTRICT—COLLECTIVE FARMS—TAXATION
Improving the system of collecting income tax from collective farms. B. Valentinov. Vop. ekon. no. 1 154-156 Mr '62.

NIZHNEUDINSK—PAYMENT
Payment by check. G. Balashov. Den. i kred. 20 no. 3 68-69 Mr '62.

NIZHNIY TAGIL—METALLURGICAL PLANTS
Three giants are competing. N. Milovatskii. Metallurg 7 no. 4:4-5 Ap '62.

NIZHNIY TAGIL—ROLLING MILLS
Reconstruction of a blooming mill in Nizhniy Tagil. N. G. Dobrov. Prom. stroi. 40 no. 3,3-4 '62

NKRUMAH, KWAME, 1909-
Kwame Nkrumah, autobiography. Reviewed by V. M. Ivanchanov. Novyi mir 38 no. 3:278-280 Mr '62.

NOGINSK DISTRICT—SEWAGE IRRIGATION
Balkova, V. [Irrigation with waste water] Stochnye vody - v pole. [Moskva] Mosk. rabochii, 1961. 31 p. (Iz opyta peredn. polia)
(DA)

NOISE
(see also subdivision under Lvov)
Some measures for reducing the noise of locomotive whistles [with summary in English]. P. V. Beatin. Gig. i san. 26 no. 9 12-18 S '61.

NOISE—PHYSIOLOGICAL EFFECT
Noise in industry. E. TS. Andreeva-Galanina, N. I. Kravkova. Med. sestra 21 no. 1:25-28 Ja '62
Physiological changes in the organism of workers engaged in shaft sinking [with summary in English]. N. A. Mirzaeva. Gig. i sanit. i prof. zab. 6 no. 6:9-13 Je '61
Prevention of the injurious effect of noise from certain pumps on the nervous system and hearing in persons working. V. A. Trofimov. Kaz. med. zhur. no. 1:3-11 Ja-F '62.
Some characteristic effects of the noise produced by looms, and measures to control it [with summary in English]. S. S. Vishnevskaia, S. I. Gorshkov. Gig. i san. i prof. zab. 4 no. 11:18-24 N '60.

NOISE CONTROL
Klikuin, I. I. [Control of noise and sound vibrations on ships] Borba s shumom i zvukovoi vibratsiei na sudakh. Leningrad, Sudpromgiz, [1961]. 355 p.
Noise abatement in shops producing synthetic fibers. V. N. Miakshin. Prom. stroi. 40 no. 3:26-28 '62
Some characteristic effects of the noise produced by looms, and measures to control it [with summary in English]. S. S. Vishnevskaia, S. I. Gorshkov. Gig. i san. i prof. zab. 4 no. 11:18-24 N '60.

NOMADS see subdivision under Tibet

NONDESTRUCTIVE TESTING
Sokolov, V. S. [Flaw detection in materials] Defektoskopiia materialov. Izd. 2., perer. Moskva, Gosenergoizdat, 1961. 320 p.

NONDESTRUCTIVE TESTING—EQUIPMENT AND SUPPLIES
Kirasik, I. G. [New portable equipment for flaw detection] Novaia portativnaia apparatura dlia defektoskopii. Leningrad, 1962. 21 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Kontrol' kachestva produktsii, no. 4)

NON-EUCLIDEAN GEOMETRY see Geometry, Non Euclidean

NONFERROUS ALLOYS
Mironenko, IU. P., and A. A. Prosnitskov. [Resistance to deformation of heavy nonferrous alloys] Soprotivlenie deformirovaniiu tiazholykh tsvetnykh splavov. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1962. 123 p.

NONFERROUS INGOTS
Use of low-frequency vibration during crystallization in order to improve the structure and properties of nonferrous alloy ingots and castings. A. I. Novikov, G. A. Korol'kov, V. S. Zolotorevskii. Shor. nauch. trud. GINTSVETMET no. 33 231-282 '60

NONFERROUS METALS
Calculating losses and depletions in the selective stoping mining of complex nonferrous and rare metal ores. O. V. Sokisov, V. P. Michkarev. Izv. AN Kaz. SSR ser. est. i tekh. nauk 3 no. 3 25-45 '61.
Galimzianova, Rashida, and S. N. Marichev. [We are using nonferrous metals sparingly] Ekonomim tsvetnye metally. [Moskva] Mosk. rabochii, 1961. 57 p.
Professor I. L. Perlin has been awarded the title of "honored worker in science and technology." Izv. vys. ucheb. zav., tsvet. met. 5 no. 2:156-157 '62.

NONFERROUS METALS (Continued)
Refining rare metal concentrates by separation in a variable magnetic field. M. A. Riskin. Obog rud 6 no 5:44-46 '61.
Statistical determination of the basic parameters on which depends the amount of stress in pipe and wire drawing from certain metals and alloys. M. Z. Eimanok Sbor nauch trud GINTSVETMET no 33 331-338 '60.

NONFERROUS METALS—METALLOGRAPHY
"Metallography of nonferrous metals" by S. A. Kiselev, G. A. Faivilevich. Reviewed by A. Gol'denberg. Metalloved. i term. obr. met. no. 2:61-62 F '62

NONFERROUS METALS—METALLURGY
Chemical reduction of molybdenum-bismuth products. P. M. Perlov. Obog i rud 7 no 1 37-39 '62.

NONFERROUS METALS—TESTING
Dependence of the resistance to deformation on the speed of deformation. P. G. Kirillov. Sbor nauch trud GINTSVETMET no 33 339-348 '60

NONWAGE PAYMENTS
Fuel for workers and employees. V. Tel'nov. Sov profsoiuzy 18 no 5 46 Mr '62

NONWOVEN FABRICS
Production and some properties of plain-dyed nonwoven materials. B. I. Belov, I. A. Nemata. Izv. vys. ucheb. zav., tekh. tekst. prom. no. 1:115 '62.
Sukharev, M. I., and L. S. Fedoseeva. [Use of nonwoven fabrics (fibrous paper type) in the manufacture of men's jackets] Ispol'zovanie neitkanykh materialov (tipa voloknistoi bumagi) pri izgotovlenii muzhskogo pidzhaka. Leningrad, 1961. 18 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serita: Shveinaia promyshlennost', no. 5)

NORBORNANE
Crystallographic data of some derivatives of bicyclo (2, 2, 1)heptane. R. L. Avotan, IU. T. Struchkov. Zhur. strukt. khim 3 no. 1 100 Ja-F '62.
Furan series. Part 21: Wagner-Meerwein rearrangement in 3, 6-endoxocyclohexane. IU. K. Iur'ev, N. S. Zefirov. Zhur. ob. khim. 32 no. 3, 773-782 Mr '62

NORIL'SK—DESCRIPTION
Noril'sk, polar night on the Calcutta longitude. V. Moev. Sov Soiuz no. 3:5-10 '62.

NORIL'SK—FARM MECHANIZATION—STUDY AND TEACHING
Practical training at the Noril'sk Farm Mechanization School. A. S. Golovachev. Sred. spets. obr. 9 no. 3: 36-38 Mr '62.

NORIL'SK—LABOR AND LABORING CLASSES
Noril'sk, polar night on the Calcutta longitude. V. Moev. Sov Soiuz no 3:5-10 '62.

NORIL'SK—TECHNICAL EDUCATION
Technical school beyond the Arctic Circle. F. F. Zelinger. Sred. spets. obr. 9 no. 3:56-57 Mr '62.

NORLEUCINE
Compounds of cadmium with alanine and norleucine. I. A. Fedotov, T. A. Balukaeva. Zhur. neorg. khim 7 no 2 312-318 F '62.

NORTH AMERICA—DISCOVERY AND EXPLORATION see America—Discovery and exploration

NORTH AMERICA—PRAIRIES
Floristic relations between the steppes of Siberia and the prairies of North America [with summary in English]. B. A. Il'insev. Bot. zhur. 47 no. 3:317-336 Mr '62.

NORTH ATLANTIC TREATY ORGANIZATION
Iceland and NATO play at the edge of an abyss. L. Sedin. Nov. vrem. 20 no. 14:6-9 Ap '62.
Italy, a NATO air and rocket base. V. Rychkov. Vest. Vozd. Fl. no 12:91-92 D '61.

NORTH KOREA see Korea, North

NORTH SEA—HERRING FISHERIES
Herring fisheries of the North Sea. S. S. Fedorov. Ryb. khoz. 37 no 11:9-13 '61.

NORTHERN CAUCASUS see Caucasus, Northern

NORTHERN DVINA RIVER—ICE ON RIVERS, LAKES, ETC.
Measures for preventing ice jams on the lesser and greater Northern Dvina. I. Konovalov and others. Rech transp 21 no. 2:44-46 F '62.

NORWAY—MATHEMATICS—STUDY AND TEACHING
Training mathematics teachers for secondary schools in Norway. I. IA. Depman. Mat pros. no. 6:207-300 '61

NORWAY—TEACHERS, TRAINING OF
Training mathematics teachers for secondary schools in Norway. I. IA. Depman Mat pros. no. 6.207-300 '61

NORWEGIAN SEA—OCEANOGRAPHIC RESEARCH
Water and heat balance in the Norwegian and Greenland Seas. V. V. Rossov. Okeanologiia 1 no. 5:944-947 '61.

NORWEGIAN SEA—SUBMARINE GEOLOGY
Geomorphology of the bottom in the Norwegian Sea. V. M. Litvin. Trudy Okean. kom. 10 no. 3 79-86 '62.

NORWID, CYPRIAN, 1821-1883
In the circle of Ixion. Mark Poliakov. Ogonek 40 no 14 10-11 Ap '62.

NOSE—DISEASES
Microflora of the nose in atrophic rhinitis. M. Sh. Mil'man. Med. zhur. Uzb. no 5 73-75 My '60

NOSE—MICROBIOLOGY
Microflora of the nose in atrophic rhinitis. M. Sh. Mil'man. Med. zhur Uzb no 5:73-75 My '60

NOSE, ACCESSORY SINUSES OF—DISEASES
"X-ray diagnosis of diseases and lesions of the accessory cavities of the nose" by M. Kh. Faizullin. Reviewed by I. K. Ivanov. Kaz. med. zhur. no 1,97 Ja-F '62.

NOSOVKA—BOOKSELLERS AND BOOKSELLING
Liuba Soroka, a bookseller. M. Shchepenko. Sov knizh torg 14 no 3 29 Mr '62.

NOTARIES
Notaries public should lend their assistance to rural soviets. L. Ragozina. Sov iust. no 24 18-20 D '61

NOVAYA SIBIR' ISLAND—EROSION
How islands disappear. R. K. Sisko, G. L. Rutilevskii. Probl Arkt i Antarkt no 8 103-106 '61

NOVAYA USMAN' DISTRICT—STATE FARMS
Bykov, S. S. [Force of example] Sila primera. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 68 p. (Opytno-pokazatel'nye khoziaistva RSFSR)

NOVAYA ZEMLYA—METEOROLOGY—OBSERVATIONS
Akademiia nauk SSSR, Institut geografii. [Materials on glaciological research: Novaya Zemlya, meteorology] Materialy glatsiologicheskikh issledovanii: Novaia Zemlia; meteorologiia. Moskva. [With summary in English]
No. 2. Davidovich, N. V., Z. M. Kanevskii, and O. P. Chizhov. [Principal meteorological observations] Osnovnye meteorologicheskie nabliudonila. 1961. 130 p.

NOVOCAINE
Effect of novocaine electrophoresis on the make-up of the peripheral blood in children with rheumatism. F. A. Bogomolova. Azerb. med zhur. no. 12 23-26 D '61.
Novocaine block of the third left thoracic sympathetic ganglion in the compound treatment of endarteritis obliterans. N. P. Nikov. Kaz med zhur. no. 5:28-31 S-O '61.
Novocaine block treatment of snake bites [with summary in English]. L. I. Gerasimenko. Sov med 25 no 2 115-118 F '62
Significance of vagosympathetic novocaine block for the diagnosis of "acute abdomen." V. IU. Kessler. Vest. khir no 9:105-108 '61.
Some new data on the bronchopulmonary novocaine block [with summary in English]. S. P. Khodkevich. Grud khir 1 no. 3:75-80 My-Je '59
Therapeutic and differential diagnostic values of novocaine anesthesia of the spermatic cord in renal colic. A. I. Pavlov. Kaz med zhur no. 5:46-48 S-O '61

NOVOCHERKASSK—BOOKSELLERS AND BOOKSELLING
Store outside a store. L. Leiner. Sov. knizh. torg. 11 no. 3:23 Mr '62.

NOVOIL'INSK—RAFTS
Novoil'insk roadstead must be preserved. I. Borisov, IA. Zhilinov. Rech. transp. 21 no. 2:7-9 F '62.

NOVOKUZNETSK—BLAST FURNACES
For the common good. A. Krasil'nikov. Metallurg 7 no. 4:36 Ap '62

NOVOKUZNETSK—ELECTROMETALLURGY
Those who look forward. A. Shtepa. Metallurg 7 no. 4:35-36 Ap '62.

NOVOKUZNETSK—METALLURGICAL PLANTS
The Siberian giant is 30 years old. B. N. Zharebin. Metallurg 7 no 4:1-3 Ap '62
Three giants are competing. N. Milovatskii. Metallurg 7 no. 4:4-5 Ap '62

NOVOKUZNETSK—OPEN-HEARTH FURNACES
Forward and only forward! M. M. Privalov. Metallurg 7 no 4:33-35 Ap '62
Steel from the Kuznetsk Metallurgical Combine. L. S. Klimasenko. Metallurg 7 no. 4:15-17 Ap '62

NOVOKUZNETSK—OPEN-HEARTH FURNACES—MAINTENANCE AND REPAIR
Specialists in rapid repairing. G. A. Vinogradov, M. I. Esin. Metallurg 7 no. 4:17-19 Ap '62

NOVOKUZNETSK—ROLLING (METALWORK)
Ways to save metal. L. IA. Kravchenko, V. K. Kobyzev. Metallurg 7 no 4:26-27 Ap '62.

NOVOKUZNETSK—ROLLING MILLS
Blooming mill in the Kuznetsk Metallurgical Combine. P. G. Popov, N. I. Zakharenko. Metallurg 7 no. 4: 24-26 Ap '62.

NOVO-MOSKOVSK—CHEMICAL INDUSTRIES
The trend is to improve economic indices! I. Kusakin. Sov profsoiuzy 16 no 5 24-26 Mr '62

NOVOROSSIYSK—CONSTRUCTION INDUSTRY
Faulty planning. L. Chentsova. Fin. SSSR 23 no. 3 70-73 Mr '62.

NOVOSEL'SKII, ALEKSEI ANDREEVICH, 1891-
A. A. Novosel'skii's 70th birthday. L. K. Bazhanova. Izv. SSSR 6 no. 1 232-233 Ja-F '62.

NOVOSIBIRSK—COMMERCE
Potentialities for the reduction of expenses. L. Fal'kovich. Sov torg 35 no 3.24-25 Mr '62

NOVOSIBIRSK—DISTRIBUTIVE EDUCATION
Methods of teaching how to select technical books. S. Livshits. Sov knizh. torg. 14 no. 3 32-33 Mr '62.

NOVOSIBIRSK—FLOWERS
Initial experiments with perennial floral plants in the Central Siberian Botanical Garden of the Siberian Branch of the Academy of Sciences of the U. S. S. R. G. P. Filatova. Trudy TSSBS no. 3 127-130 '60

NOVOSIBIRSK—INFANTS (NEWBORN)—GROWTH
Physical development of newborn infants in Novosibirsk from 1957 to 1959. A. N. Galieva. Sov zdrav. 21 no. 2:47-50 '62.

NOVOSIBIRSK—LANDSCAPE GARDENING
Soils conditions of Omsk and Novosibirsk in relation to landscape gardening. I. L. Gantimurov. Trudy TSSBS no. 3 51-56 '60.

NOVOSIBIRSK—PERIODICALS
"Sibirskii ogni". Anatolii Ivanov. Sov Soiuz no 3 52 '62

NOVOSIBIRSK—PLANTS
Investigation of woody plants in the Central Siberian Botanical Garden of the Siberian Branch of the Academy of Sciences of the U. S. S. R. for the purpose of landscape gardening. A. V. Skvortsova. Trudy TSSBS no. 3 91-98 '60.

NOVOSIBIRSK—TREES—DISEASES AND PESTS
Main fungus diseases in the parks of Novosibirsk. M. V. Nozdrenko. Trudy TSSBS no. 3:57-64 '60

NOVOSIBIRSK HYDROELECTRIC POWER STATION
Methods for increasing the operating efficiency of the Novosibirsk Hydroelectric Power Station. T. A. Filippova. Izv vys ucheb zav, energ 5 no. 2,102-105 F '62.

NOVOSIBIRSK PROVINCE—BOTANY, ECONOMIC
Akademiia nauk SSSR, Sibirskoe otdelenie. [Plant resources of Novosibirsk Province] Rastitel'nye bogatstva Novosibirskoi oblasti. Otvet. red. K. A. Sobolevskaia. Novosibirsk, 1961. 222 p.
(DA)

NOVOSIBIRSK PROVINCE—CORN (MAIZE)
Effectiveness of leaf functions in various varieties of corn in Novosibirsk Province. A. A. Svetlakova. Trudy TSSBS no. 5:113-127 '61.

NOVOSIBIRSK PROVINCE—FORESTS AND FORESTRY
Combined lumbering and forest conservation practices. P. Kuznetsov. Les khoz 15 no 1 73-74 Ja '62

NOVOSIBIRSK PROVINCE—MOTION-PICTURE THEATERS
Important means of education. I. Kovalenko. Kiub 11 no 2 16-17 F '62.

NOVOSIBIRSK PROVINCE—PLUM
Time and rate of the formation of flower buds in Ussurian and Canadian plum trees in Novosibirsk Province. M. N. Salamatov. Trudy TSSBS no. 5.25-29 '61.

NOVOSIBIRSK PROVINCE—VETCH
Development and viability of hairy vetch seeds in Novosibirsk Province. R. IA. Plennik. Trudy TSSBS no. 5: 51-75 '61.

NOVOSIBIRSK RESERVOIR—ALGAE
Bottom and fouling algae of Novosibirsk Reservoir in 1957-1958. G. D. Levadnaia. Trudy Biol. inst Sib. otd. AN SSSR no 7 41-50 '61.

NOVOSIBIRSK RESERVOIR—BACTERIA
Bacterial population of the water and bottoms of Novosibirsk Reservoir according to observations made during 1957-1958. T. I. Sheatskova. Trudy Biol inst Sib. otd. AN SSSR no 7 23-40 '61

NOVOSIBIRSK RESERVOIR—BENTHOS
Formation of benthos in Novosibirsk Reservoir during its flooding period. L. A. Blagovidova. Trudy Biol inst Sib. otd. AN SSSR no 7:91-102 '61.

NOVOSIBIRSK RESERVOIR—FISHES
Formation of the fish fauna in Novosibirsk Reservoir during the first two years of its existence. A. N. Petkevich. Trudy Biol. inst. Sib. otd. AN SSSR no 7 81-89 '61.

NOVOSIBIRSK RESERVOIR—HYDROLOGY

Hydrological conditions of the reservoir of the Novosibirsk Hydroelectric Power Station. D I Arkhangel'skii, V M Samoukhin. Trudy Biol. inst. Sib. otd. AN SSSR no. 7 7-21 '61.

NOVOSIBIRSK RESERVOIR—PHYTOPLANKTON

Distribution and seasonal development of phytoplankton in Novosibirsk Reservoir during the first years following its flooding. M. S. Kuksa. Trudy Biol. inst. Sib. otd. AN SSSR no. 7 51-63 '61.

NOVOSIBIRSK RESERVOIR—TRACE ELEMENTS

Concentration of some trace elements in the water of Novosibirsk Reservoir. I. A. Moshkina. Trudy Biol. inst. Sib. otd. AN SSSR no. 7 135-140 '61.

NOVOSIBIRSK RESERVOIR—WATER—COMPOSITION

Gases in the water of Novosibirsk Reservoir (1957-1959). M. V. Petrenko. Trudy Biol. inst. Sib. otd. AN SSSR no. 7 249-260 '61.

NOVOSIBIRSK RESERVOIR—ZOOPLANKTON

Vertical distribution of zooplankton in Novosibirsk Reservoir. E. P. Bitiukov. Trudy Biol. inst. Sib. otd. AN SSSR no. 7 103-107 '61.

Zooplankton of the Ob' River and the reservoir of the Novosibirsk Hydroelectric Power Station during the first year after its flooding. A. V. Solonevskaia. Trudy Biol. inst. Sib. otd. AN SSSR no. 7 109-117 '61.

NOVOSIBIRSK RESERVOIR REGION—AFFORESTATION

Characteristics of the shore region of Novosibirsk Reservoir with regard to the establishment of shore-protecting forest plantations. L. V. Lamin. Trudy Biol. inst. Sib. otd. AN SSSR no. 7 163-173 '61.

NOVOSIBIRSK RESERVOIR REGION—BIRDS—MIGRATION

Spring passage of birds in the region of Novosibirsk Reservoir. A. M. Gvngazov. Trudy Biol. inst. Sib. otd. AN SSSR no. 7 241-247 '61.

NOVOSIBIRSK RESERVOIR REGION—BOTANY—ECOLOGY

Brief characteristics of vegetation in the region of Novosibirsk Reservoir. G. G. Pavlova. Trudy Biol. inst. Sib. otd. AN SSSR no. 7 141-151 '61.

NOVOSIBIRSK RESERVOIR REGION—BUTTERFLIES

Diurnal lepidopterans (Lepidoptera Diurna) in the shore region of Novosibirsk Reservoir. IU. P. Korshunov. Trudy Biol. inst. Sib. otd. AN SSSR no. 7 199-207 '61.

NOVOSIBIRSK RESERVOIR REGION—FOREST INSECTS

Pests inhabiting tree trunks in forests of the shore region of Novosibirsk Reservoir. A. I. Cherepanov. Trudy Biol. inst. Sib. otd. AN SSSR no. 7 175-187 '61.

Role of insects in the destruction of tree stumps in cut-over areas of the Novosibirsk Reservoir region. A. I. Cherepanov. Trudy Biol. inst. Sib. otd. AN SSSR no. 7 188-192 '61.

NOVOSIBIRSK RESERVOIR REGION—MOTHS

Materials on the study of heterocerous lepidopterans in the shore region of Novosibirsk Reservoir. G. S. Zolotarenko. Trudy Biol. inst. Sib. otd. AN SSSR no. 7 209-227 '61.

NOVOSIBIRSK RESERVOIR REGION—PLANT LICE

Aphids (Homoptera, Aphidoidea) infesting plants in the shore region of Novosibirsk Reservoir. O. I. Ivanovskaia. Trudy Biol. inst. Sib. otd. AN SSSR no. 7 229-233 '61.

NOVOSIBIRSK RESERVOIR REGION—SAWFLIES

Sawfly species (Tenthredinidae) in the shore region of Novosibirsk Reservoir. V. K. Stroganova. Trudy Biol. inst. Sib. otd. AN SSSR no. 7 193-197 '61.

NOVOSIBIRSK UNIVERSITY

New principles of teaching. I. N. Vekua. Nauka i zhizn' 29 no. 1 7 Ja '62.

NOVOUKRAINKA DISTRICT—AGRICULTURE

All rural toilers should learn from the experience of "beacon lights." N. Gonchar. Komm. Ukr. 37 no. 3 99-92 Mr '62.

NOVOUKRAINKA DISTRICT—CORN (MAIZE)

Without manual work. O. V. Hitalov. Nauka i zhyttia 11 no. 2 40-42 F '62.

NOVYY LIPETSK—COKE

Automatic sampler-distributor of coke. A. A. Chervonenkov, I. M. Golubykh. Koks i khim. no. 3 23-28 '62.

NOWA HUTA, POLAND—STEEL INDUSTRY

The "smithery" of Poland. Ukraina no. 2;10-11 Ja '62.

NUCLEAR COUNTERS

Large Cherenkov detector of cosmic rays. V. L. Dadykin. Prib. i tekh. eksp. 7 no. 1 60-62 Ja-F '62.

Light collection in a Cherenkov counter. A. P. Onuchin, A. G. Khabakhpashev. Prib. i tekh. eksp. 7 no. 1 63-64 Ja-F '62.

Proton detector with a film cathode. V. A. Ergakov, IU. V. Trebukhovskii. Prib. i tekh. eksp. 7 no. 1 158-159 Ja-F '62.

Pulse hodoscope for studying the decay of muon. B. A. Dolgoshein, B. I. Luchkov, V. I. Ushakov. Prib. i tekh. eksp. 7 no. 1 85-89 Ja-F '62.

Pulse multiplier based on the Hall effect for the analysis of charged nuclear particles. B. V. Gavrilovskii, K. V. Karadzhev, A. IA. Kislov. Prib. i tekh. eksp. 7 no. 1 90-94 Ja-F '62.

Recording neutrons of pulsed sources. G. P. Murgulina, A. V. Pliutto, I. M. Rozman. Prib. i tekh. eksp. 7 no. 1 54-55 Ja-F '62.

NUCLEAR ENGINEERING

[Nuclear engineering abroad] Atom. tekh. za rub. 6 no. 3 Mr '62.

NUCLEAR FISSION

Angular anisotropy and energy distribution of Th^{229} fission fragments [with summary in English]. B. D. Kuz'minov, L. S. Kutsaeva, I. I. Bondarenko. Zhur. eksp. i teor. fiz. 42 no. 1, 105-107 Ja '62.

Measuring the energy of two pair fission fragments. V. N. Dmitriev and others. Prib. i tekh. eksp. 7 no. 1 94-96 Ja-F '62.

Nuclear shells and instantaneous fission neutrons [with summary in English]. M. V. Blinov, V. P. Eismont. Zhur. eksp. i teor. fiz. 42 no. 1:180-182 Ja '62.

Symmetry in nuclear fission [with summary in English]. V. P. Eismont. Zhur. eksp. i teor. fiz. fiz. 42 no. 1 178-179 Ja '62.

NUCLEAR MAGNETIC RESONANCE AND RELAXATION

Analytical application of nuclear magnetic resonance spectroscopy of high resolving power, survey. IU. IU. Samitov. Zav. lab. 28 no. 2 167-173 '62.

Magnetoacoustic resonance in aluminum [with summary in English]. P. A. Bezuglyi and others. Zhur. eksp. i teor. fiz. 42 no. 1:84-85 Ja '62.

Nuclear magnetic resonance in a polycrystalline hydrate of uranium trioxide. N. M. Aleksandrov, I. P. Rodionova. Zhur. strukt. khim. 3 no. 1 97-98 Ja-F '62.

Second moment of the nuclear magnetic resonance line in a sample with an axial texture. D. IA. Tsvankin, L. I. Fedin. Zhur. strukt. khim. 3 no. 1 101-102 Ja-F '62.

NUCLEAR OPTICAL MODELS

Direct nuclear photoeffect and optical model of the nucleus [with summary in English]. IU. V. Orlov. Zhur. eksp. i teor. fiz. 42 no. 1 247-252 Ja '62.

(n+1)-Groups in a Thomas-Fermi model. V. M. Klechkovskii. Opt. i spektr. 12 no. 3:434-437 Mr '62.

Relation between the collective and shell descriptions of dipole excitations of atomic nuclei [with summary in English]. V. V. Balashov. Zhur. eksp. i teor. fiz. 42 no. 1 275-281 Ja '62.

NUCLEAR PHYSICS

In the world of invisibles. V. Selcheniev. Nauka i zhyttia 11 no. 2 28-30 F '62.

International conference on nuclear electronics in Belgrad in 1961, review of reports. V. G. Brovchenko, G. I. Zabiakin. Prib. i tekh. eksp. 7 no. 1 202-206 Ja-F '62.

NUCLEAR PHYSICS—RESEARCH

Taming star matter. L. Artsimovich, I. Nekhamkin. Sov. Soluz no. 3;18-23 '62.

NUCLEAR-POWERED SHIPS see Atomic ships

NUCLEAR REACTIONS

Analysis of 9 Bev proton-nucleon interactions in a nuclear [with summary in English]. D. G. Boos and others. Zhur. eksp. i teor. fiz. 42 no. 1 3-11 Ja '62.

Barashenkov, V. S. [Elastic interactions of particles at high energies] Uprugie vzaimodeistviia chastits pri bol'shikh energiiakh, Dubna, Ob"edinennyi in-t iadernykh issl., 1961. 117 p.

Budagov, IU. A., and others. [Interaction of 153 Mev, negative π-mesons and helium] Vzaimodeistvie otritsatel'nykh π-mezonov s geliem pri energii 153 Mev. Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 32 p. [With summary in English]

Estimates of the effective radius of particle interaction [with summary in English]. M. I. Shirokov. Zhur. eksp. i teor. fiz. 42 no. 1:173-177 Ja '62.

Excitation functions for (γ, d) and (γ, p) reactions on B^{10} and Be^9 nuclei [with summary in English]. IU. M. Volkov, A. V. Kulikov, V. P. Chizhov. Zhur. eksp. i teor. fiz. 42 no. 1, 61-64 Ja '62.

Inelastic high-energy pion-nucleon interactions [with summary in English]. V. S. Barashenkov and others. Zhur. eksp. i teor. fiz. 42 no. 1:217-223 Ja '62.

Inelastic interaction of protons with the nuclei of a photographic emulsion. G. A. Tleubergenova, P. V. Morozova. Vest. AN Kazakh. SSR 18 no. 3;72-76 Mr '62.

Inelastic photon scattering in the Coulomb field of a nucleus [with summary in English]. S. S. Samilov. Zhur. eksp. i teor. fiz. 42 no. 1:282-285 Ja '62.

Invariant parametrization of the relativistic scattering matrix [with summary in English]. A. A. Cheshkov, IU. M. Shirokov. Zhur. eksp. i teor. fiz. 42 no. 1:144-151 Ja '62.

Kim, Che-p'yon [Kim Ze Pkhen]. [Regularization of an equation of the Chew-Iour type for the process $\pi + N \sim 2\pi + N$] Regulirizatsiia uravneniia tipa Chu-Iou dlia protsessa $\pi + N \sim 2\pi + N$ Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 25 p. [With summary in English]

Nguen Van Kh'eu. [Angular distribution of the decay products of intermediate vector mesons generated in the process $e^+ + e^- \rightarrow B^+ + B^-$] Uglovoe raspredelenie produktov raspada promezhutochnykh vektornykh mezonov v protsesse $e^+ + e^- \rightarrow B^+, B^-$. Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 5 p. [With summary in English]

Possible explanation of the variation of the differential cross section of the reactions (p, d) and (α, d) in the region of large angles [with summary in English]. I. I. Teplov. Zhur. eksp. i teor. fiz. 42 no. 1:11-12 Ja '62.

Replacement of a lattice block near the reflector. L. Pilifat. Atom. energ. 12 no. 1 29-30 Ap '62.

Theory of the reactions $\pi + N \rightarrow N + \pi + \pi$ and $\gamma + N \rightarrow N + \pi + \pi$ near the threshold [with summary in English]. V. V. Anisovich, A. A. Anselm, V. N. Gribov. Zhur. eksp. i teor. fiz. 42 no. 1:224-237 Ja '62.

Using steam jets as a target for obtaining nuclear reactions. V. A. Gladyshev, L. N. Kalashnikov, A. N. Lebedev. Prib. i tekh. eksp. 7 no. 1 20-21 Ja-F '62.

NUCLEAR REACTORS

(see also subdivision under Idaho Falls)

Designing and modeling of optimum heterogenized nuclear reactors (age approximation). L. A. Vulis, A. A. Kochetkova, V. D. Kubyshkina. Atom. energ. 12 no. 1 24-31 Ap '62.

Effective boundary condition at the surface of a plane periodic lattice. V. V. Khromov. Atom. energ. 12 no. 1:328-331 Ap '62.

Effectiveness of a rod system in a reactor equipped with a reflector, making allowance for epithermal effects. V. I. Nosov. Atom. energ. 12 no. 1 426-430 Ap '62.

Recirculation calculations of the reactor breeding factor in thorium fission. M. F. Nagiev, V. B. Zakaidakov, A. Kengerli. Dokl. AN Azerb. SSR 18 no. 1 3-6 '62.

Spectrum of slow neutrons from the horizontal channel of a water-moderated water-cooled reactor. V. P. Vertnyi and others. Atom. energ. 12 no. 4, 324-326 Ap '62.

Use of collimated neutron beams in shielding studies (B-2 unit used with a BR-5 reactor). S. G. Tsypin. Atom. energ. 12 no. 4 300-305 Ap '62.

Use of empirical constants in shield design. B. I. Bak, S. G. TSypin. Atom. energ. 12 no. 1:30-34 Ja '62.

NUCLEAR REACTORS—CONGRESSES

International Conference on Experimental Investigations at Reactors in Dubna. V. A. Sobol'chikh. Priroda, Moskva, Zhur. 5 no. 1:132-135 Ja '62.

NUCLEAR RESEARCH

Eleventh session of the Scientific Council of the Joint Institute of Nuclear Research. V. Bliokhov. Atom. energ. 12 no. 1, 338-341 Ap '62.

Nuclear solitaire: interview with A. Budker, the correspondent member of the Academy of Sciences of the U.S.S.R. Nauka i zhizn' 29 no. 1 21-23 Ja '62.

NUCLEATION, ATMOSPHERIC see Atmospheric nucleation

NUCLEI, ATOMIC

Low-lying levels of negative parity in semimagical nuclei. D. F. Zaretskii, M. G. Urin. Zhur. eksp. i teor. fiz. 42 no. 1:304-306 Ja '62.

NUCLEIC ACIDS

Content of nucleic acids, ascorbic acid and some phosphorus compounds in guinea pigs during the regeneration of skeletal muscles [with summary in English]. A. V. Zakharova, L. P. Timofeeva, A. V. Ivanova. Vop. med. khim. 7 no. 6 608-611 N-D '61.

Data on the content of nucleic acids in silk glands of different varieties of silkworms. O. N. Mamaeva, [illegible] and others. Izv. AN Turk. SSR Ser. biol. nauk no. 1 [illegible] '62.

Influence of some components of nucleic acids and their precursors on the inclusion of glycine-$1\text{-}C^{14}$ and tyrosine-$1\text{-}C^{14}$ in proteins of normal and tumor tissues [with summary in English]. S. IA. Diatroptova. Biul. eksp. biol. i med. 52 no. 7;50-54 Jl '61.

Mechanism of secretion of phospholipides and nucleic acids in the intestinal juice [with summary in English]. L. M. Babushkina. Vop. med. khim. 7 no. 3 259-263 My-Je '61.

Nucleic acids at the Fifth International Biochemistry Congress in Moscow. N. F. Vanyushin, Mikrob. i vir. 31 no. 1:179-182 Ja-F '62.

Possible role of ribonucleic acid in the mechanism of antituberculosis resistance. Report No. 2, Ribonucleic acid and ribonuclease activity in the organs of rats infected with tuberculosis and immunized with BCG vaccine [with summary in English]. I. B. Lialina-Kasatkina. Biul. eksp. biol. i med. 52 no. 11;88-91 N '61.

Statistical thermodynamic theory of the replication of desoxyribonucleic and (DNA). M. V. Volkenshtein, A. M. Eliashevich. Biofizika 6 no. 5, 513-523 '61.

NUCLEINIC ACIDS

Rehabilitation of desoxyribonucleinic acid. B. Naigeon. Nauka i zhizn' 29 no. 1 10-13 Ja '62.

Sterility in Unshiu tangerines and its relation to desoxyribonucleinic acid [with summary in English]. P. A. Kapanadze. Subtrop. kul't. no. 4, 76-80 '61.

NUCLEONS
Structure of a nucleon, experiments of Robert Hofstadter, IA. A. Smorodinskii. Priroda 51 no.3 101-103 Mr '62.

NUCLEOPROTEINS
Effect of lyophilization on the polymerism and immunological properties of desoxyribonucleoproteins [with summary in English] D G. Grigorian and others Biul eksp. biol. i med 52 no. 11:51-54 N '61

NUCLEOSIDE MONOPHOSPHATE KINASE
Investigating some transformations of nucleotides from aqueous extracts of the liver and spleen of a rabbit A. V. Kotel'nikova, V. V. Solomatina Dokl AN SSSR 113 no 2:452-455 Mr '62

NUCLEOTIDES
Nucleotides and bacterial cell membranes. J. Baddiley. Trudy Ion ob-va est 32 no 1,108-109 '61.

NUMBERS, COMPLEX
Complex numbers and their use in geometry I. M. IAglom. Mat. pros. no 6,61-106 '61.

NUMBERS, INDEX see Index numbers (Economics)

NUMBERS, PRIME
Theory of the distribution of prime numbers based on I. M. Vinogradov's method of trigonometric sums. A. F Lavrik. Trudy Mat. inst. 64:90-125 '61.

NUMBERS, THEORY OF
Construction of a number α for which the fractional portions $\{\alpha g^x\}$ are distributed rapidly and uniformly M. F. Kulikova. Dokl. AN SSSR 143 no. 4 782-784 Ap '62
Construction problem linked with the distribution of fractional portions of an exponential function M. F. Kulikova Dokl AN SSSR 113 no 3,522-524 Mr '62
Distribution of primitive integral points on certain cones. V. P. Miakishev. Dokl AN SSSR 113 no 4 785-786 Ap '62
Double numbers and their functions D D Ivlev. Mat pros no. 6 197-203 '61
Dynamic system linked with the distribution of fractional portions of a second-degree polynomial N. M. Akulinichev. Dokl. AN SSSR 143 no 3:503-505 Mr '62.
Estimates of large deviations in certain problems concerning an incomplete system of residues. L. P. Usol'tsev Dokl AN SSSR 143 no. 3:539-542 Mr '62
Problem of three primes. A P Laxsmanashvili Trudy mat inst. AN Gruz. SSR 27 143-157 '60

NUMERICAL CALCULATIONS—STUDY AND TEACHING
Practical laboratory training in calculation for the course in higher mathematics in the technical institutions of higher learning L. Z. Rumshinskii Mat. pros. no 6 237-244 '61

NUMERICAL WEATHER FORECASTING
Objective analysis of synoptic maps R M Dzhabar-zade Trudy AANII 240 49-51 '61
Use of empirical influence functions in forecasting surface pressure 1-2 to 3-5 days in advance P. P. Borisenkov. Trudy AANII 240, 33-48 '61.

NURA RIVER
Bifurcation of the Nura River. P. I. Kravchenko. Vest. AN Kazakh. SSR 18 no. 3:63-65 Mr '62

NURA-TAU—BOTANY
Materials on the flora of Nura-Tau. P. K. Zakirov. Trudy TashGU no. 187:57-63 '61.

NURSERIES
Farm one to seven years of age A. Lamin Mest. prom i khud. promys. 3 no. 3 20-21 Mr '62.
Play of two-year old children. L. Fernandes. Doshk vosp. 35 no. 3 62-67 Mr '62.

NURSERY SCHOOLS see subdivision under Kursk Province

NURSES AND NURSING
Care of patients with traumata. A. P. Skoblin. Med. sestra 21 no 1,29-30 Ja '62
First and foremost - work for the benefit of your country. A. I. Rogov. Med sestra 21 no. 1:57-58 Ja '62
Legal consultation, consultant IA. P. Grodskaia. Med. sestra 21 no. 1:62-63 Ja '62.
On the right path. A. I. Rogov. Med. sestra 20 no. 12: 55-56 D '61.
Organization of a nurse's work in the otolaryngological department of a polyclinic. V. A. Starosvetskii. Med sestra 21 no. 2 38-40 F '62
What literature should be discussed in advanced training courses for nurses. N. K. Mitropol'skii. Med. sestra 21 no 1:63-64 Ja '62.

NURSES AND NURSING—BIOGRAPHY
Two awards. Sov. Soiuz no 3:35 '62.

NURSES AND NURSING—PERIODICALS
Readers' conference in Vinnitsa Z Revchuk. Med sestra 21 no 3 61 Mr '62.

NURSING (INFANT FEEDING) see Breast feeding

NURSING, SURGICAL see Surgical nursing

NUTCRACKER (BIRD) see subdivision under Siberia, Eastern

NUTRITION
Correlation between the functional state of the central nervous system, nutrition and growth in ontogenesis [with summary in English] J. Lát Vop pit 21 no 2 3-10 Mr-Ap '62
Physiological role of nutritional disorders in the etiology of diseases of the gastrointestinal tract [with summary in English] N I Putilin Vrach delo no 2 9-15 F '62

NUTRITION—BIBLIOGRAPHY see Bibliography—Nutrition

NUTRITION OF PLANTS see Plants—Nutrition

NUTS see subdivision under Crimea

NYLON
Manufacturing methods of elastic nylon thread V. A. Usenko, S Saidmuratov, L. D. Kapustina Tekst prom. 22 no 3,42-44 Mr '62
Stabilization of nylon tricot cloth on the Model 6312-2 "Tekstima" machine M D. Rein Tekst prom 22 no 3,76-78 Mr '62
Use of capron tissue in liver resection in an experiment [with summary in English]. A F. Oberfel'd. Eksp. khir i anest. 6 no.5 41-48 S-O '61.

NYLON—HYGIENIC ASPECTS
State of health of workers in capron fiber plants L T Antonova, A P Martynova, M M. Mel'nikova Gig truda i prof zab 4 no 12 39-41 D '60

NYLON—TESTING
Effect of processing procedures on physicomechanical properties of capron. V. A. Belyi, V. E. Starzhinskii, Sbor. trud. Inst mash. i avtom. AN BSSR no. 2 116-135 '61.

OAK
(see also subdivision under Marilnskiy Posad District; Moldavia)
Comparison of some methods for determining the role of a species in the structure of the herbaceous cover of an oak forest. V. S. Ipatov Bot. zhur. 47 no 3,360-368 Mr '62

OAK—DISEASES AND PESTS see subdivision under Armenia, Ukraine

OATS
Effect of sodium azide on the virescence process of oat seedlings. I. A. Chernavina, M. A. Borisova Nauch dokl. vys. shkoly, biol. nauki no 1 149-153 '62

OATS—FROST RESISTANCE
Variation of hulless oats under the effect of below freezing temperatures. M. M. Kisliuk. Agrobiologiia no. 1: 66-72 Ja-F '62.

OB' RIVER—ALGAE
Main features of the algal vegetation of the Ob' River in its upper course. A. I. IAkubova Trudy Biol inst. Sib. otd AN SSSR no. 7:65-79 '61.

OB' RIVER—WATER—COMPOSITION
Hydrochemical conditions of the Ob' River in the region of Novosibirsk Reservoir A V Kaidalina Trudy Biol inst Sib otd AN SSSR no 7 119-133 '61.

OB' RIVER—ZOOPLANKTON
Zooplankton of the Ob' River and the reservoir of the Novosibirsk Hydroelectric Power Station during the first year after its flooding. A V. Solonevskaia Trudy Biol inst Sib otd. AN SSSR no 7 109-117 '61

OB' VALLEY—FLAGELLATA
Distribution of euglenoid algae in bottom-land waters of the middle reaches of the Ob' River and the adjacent taiga regions T. G. Popova, T A. Safonova. Trudy Biol inst. Sib otd. AN SSSR no. 7 261-270 '61

OB' VALLEY—RODENTIA
Murine rodents of the flood plain in the upper reaches of the Ob' River I. N. Glotov. Trudy Biol inst Sib. otd AN SSSR no 7 235-240 '61

OBESITY see Corpulence

OBRAZTSOV, SERGEI VLADIMIROVICH, 1901-
One day is a whole lot. Sergei Obraztsov. Teatr 23 no 3 57-63 Mr '62.

OBSHCHIY SYRT—SHALE
Flotation cleaning of Volga shales Report No 1 Flotation cleaning of Obshchiy Syrt shales V A Proskuriakov, A G. Rembashevskii, Z. V Soloveichik Trudy VNIIT no 10 5-22 '61

OBSTETRICS
(see also subdivision under Yaroslavl Province)
Bodiazhina, V. I. [Obstetrics textbook] Uchebnik akushorstva. 2. izd. Moskva, Medgiz, 1961. 461 p (DNLM)

OBSTETRICS—APPARATUS AND INSTRUMENTS
Using a vacuum extractor in obstetrical pathology, its superiority over obstetric forcepts. I. Z. Zakirov and others Med. zhur. Uzb. no. 1,16-20 Ja '62

OBSTETRICS—EXAMINATIONS, QUESTIONS, ETC
Obstetrical problem No 1 L V Vanina Fel'd i akush 27 no 1 56-57 Ja '62
Obstetrical problem No 2 A P Kirnushchenko. Fel'd i akush 27 no 1 57-58 Ja '62
Obstetrical seminar, obstetrical problem No 3 A P. Kirnushchenkov Fel'd i akush 27 no 2 52-54 F '62.
Obstetrical seminar, solution to obstetrical problem No 2 A P Kirnushchenko Fel'd i akush 27 no 2 54-57 F '62

OBSTETRICS—SURGERY
Potentiated anesthesia in gynecological operations Z. M Dzhalamova, B A Didovich Med zhur Uzb no 1 20-24 Ja '62

OBSTETRICS—TERMINOLOGY
Some terms used in obstetrics. A. V. Lankovits Vop okh mat. i det. 7 no 1 70-74 Ja '62.

OBSTETRICS, ANESTHETICS IN see Anesthesia in obstetrics

OBUKHOV DISTRICT—COMMUNITY CENTERS
The activist group runs the club V Guk. A Podgorets-kaia Klub 11 no 2 2-3 F '62

OCCULTATIONS
Observations of lunar occultations of stars in Ryazan V. L Kuryshev, T A. Savostianova, E B Gusev Astron tsir. no 223 27-28 Jl '61

OCCUPATIONAL DISEASES
Molokanov, K P. [Roentgenology of occupational diseases and intoxications] Rentgenologiia professional'nykh zabolevanii i intoksikatsii. Moskva, Medgiz, 1961. 226 p (DNLM)
Occupational diseases of the upper respiratory organs and the ears, and control of these diseases G S. Trambitskii, A. E Tamarina. Med. sestra 21 no 1: 20-24 Ja '62
Occupational nature of certain infections with natural endemic areas [with summary in English] K N Tokarevich Gig truda i prof zab 4 no 12 3-7 D '60
Some urgent problems regarding the clinical aspects and pathogenesis of occupational diseases of the peripheral nervous system and muscles [with summary in English] E A Drogichina Gig truda i prof zab 4 no 2 3-9 F '60
Study of the biological activity of blood in some occupational diseases. D A Ginzburg Gig truda i prof zab 5 no 6 50-52 Je '61
Teaching occupational pathology in medical institutes [with summary in English] S I. Ashbel' Gig truda i prof. zab 4 no 2 38-40 F '60.

OCCUPATIONAL DISEASES—CONGRESSES
Conference of young scientists Gig truda i prof zab 4 no 2 60 F '60

OCCUPATIONAL NEUROSES
Study of the functional activity of the thyroid gland in lesions of the nervous system of occupational etiology [with summary in English] M. N Ryzhkova, M I Smirnova Gig truda i prof zab 5 no 6 34-39 Je '61

OCCUPATIONS—CLASSIFICATION
Russia (1923- U S.S.R.) Gosudarstvennyi komitet po voprosam truda i zarabotnoi platy. [Standard job classification manual; mixed occupations] Edinyi tarifno-kvalifikatsionnyi spravochnik rabochikh, sluzhashchikh, skvoznye professii. Prilozhenie dopolnenii i izmenenii... ot 23 ianvaria 1960 g. No. 90/P-11 ot 8 sentiabria 1960 g. No 1098/P-21. Moskva, Gostoptekhizdat, 1961. 684 p

OCEAN
Liapunov, B. V. [Ahead of us lies the ocean] Vperedi - okean. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 177 p.
"Mysteries of the Ocean" by N. N. Gorskii Reviewed by G. A. Baskakov. Okeanologiia 1 no 5:948-950 '61
Some problems concerning the zonality of sediment formation in the world ocean P. I Bezruko.. Trudy Okean. kom. 10 no. 3:3-8 '62.
Suspended matter in the ocean. A. P. Lisitsyn. Trudy Okean. kom. 10 no. 3:9-37 '62.

OCEAN CURRENTS
(see also subdivision under Alaska, Gulf of, Kara Sea; Yekaterina Channel)
Mamaev, O. I. [Zero dynamic surface of the world ocean] Nulevaia dinamicheskaia poverkhnost' Mirovogo okeana. Pod red. A D. Dobrovol'skogo [Moskva] Izd-vo Mosk. univ., 1962. 218 p.

OCEAN TEMPERATURE
(see also subdivision under Antarctic regions, Arctic regions)
Turbulent heat exchange between water and the ice cover in the sea IU P. Doronin. Okeanologiia 1 no. 5 848-850 '61
Types of vertical changes of the water temperature in the world ocean. V. A. Nekrasova, V. N. Stepanov. Dokl AN SSSR 143 no. 3:713-716 Mr '62.

OCEANIA—ETHNOLOGY

Ethnographic studies of the peoples of Oceania in the U.S.S.R. [with summary in English] D.D. Tumarkin Sov.etn. no. 1 25-31 Ja-F '62

OCEANOGRAPHIC INSTRUMENTS—CONGRESSES

Informative communication on the scientific and technical conference devoted to the manufacture of hydrometeorological apparatus, S.P. Levchenko. Okeanologiia 1 no. 5:927-928 '61

OCEANOGRAPHIC RESEARCH

(see also subdivision under Chukchi Sea, East Siberian Sea, Greenland Sea, Indian Ocean, Lapiev Sea; Norwegian Sea, Russia, Northern)

Floating laboratory of an institution of higher learning. S.N. Blagoveshchenskii. Vest. vys. shkoly. 20 no. 2 82-83 F '62

From the editor. L.A. Zenkevich. Okeanologiia 1 no. 5, 777-778 '61

OCEANOGRAPHIC RESEARCH—CONGRESSES

Resolution of the joint session of the Sections of Marine Geology, Seashores, and River Estuaries. Trudy Okean. kom. 16 no. 3 134-135 '62

OCEANOGRAPHY

(see also subdivision under Pacific Ocean)

Fisheries and some problems of oceanography. IU. IU. Marti. Okeanologiia 1 no. 5 779-790 '61

OCEANOGRAPHY—BIBLIOGRAPHY see Bibliography—Oceanography

OCEANOGRAPHY—CHARTS, DIAGRAMS, ETC.

Map of natural zones of the ocean. D.V. Bogdanov. Okeanologiia 1 no. 5 941-944 '61

OCHER—HYGIENIC ASPECTS

X-ray examination of pulmonary siderosis in workers engaged in the production of red ocher. L.N. Naumov. Gig. truda i prof. zab. 1 no. 11:54-57 N '60.

OCTOPUS

Why does a hare have thin skin? I. Akimushkin. Nauka i zhizn' 29 no. 2 47-49 F '62

OCTYL ALCOHOL

Determination of capryl alcohol in the air of industrial plants. A.G. Kashina. Gig. truda i prof. zab. 4 no. 2 54 F '60.

OCULOMOTOR NERVE

Connection between the oculomotor nerve and the posterior longitudinal fasciculus. A.M. Mukhtarov. Med. zhur. Uzb. no. 4 42-45 Ap '60

Intracerebral topography of the lateral trunk of the oculomotor nerve. A.M. Mukhtarov. Med. zhur. Uzb. no. 5, 32-35 My '60.

ODESSA—BACTERIOLOGICAL LABORATORIES

The first Pasteur station today. M. Levit. Nauka i zhizn' 29 no. 2 50-54 F '62

ODESSA—SEVENTH-DAY ADVENTISTS

Let me tell you about the "venerable" Lukashenko. Voiov ateist no. 11 35-37 N '61.

ODESSA PROVINCE—AGRICULTURAL ADMINISTRATION

Let's improve the party supervision of state farms. A. Konovalenko. Part. zhizn' no. 7, 16-21 Ap '62.

ODESSA PROVINCE—CARDIOLOGY

Work of the Odessa Province Cardiorheumatological Center. I.L. Pshetakovskii. Sov. zdrav. 21 no. 2:39-41 '62.

ODESSA PROVINCE—CORN (MAIZE)

Amateur club of corn breeders. L. Spivak, IU. Shvartsman. Sots. kul't. no. 2 14 F '62

ODESSA PROVINCE—RHEUMATISM

Work of the Odessa Province Cardiorheumatological Center. I.L. Pshetakovskii. Sov. zdrav. 21 no. 2:39-41 '62.

OFFICE EQUIPMENT AND SUPPLIES—ABSTRACTS

[Precision instruments and testing equipment] Ref. zhur. Otd. vyp. 40: Prib. tech. mekh. i isp. ust. no. 1 Ja-Mr '62

OFFICE MANAGEMENT

"We should improve the work of the state apparatus." Part. zhizn' no. 3:78 Ap '62

OFFSET PRINTING—CONGRESSES

Let's develop the theory and practice of offset printing. P.A. Popriadukhin. Poligr. proizv. no. 2:15-16 F '62.

OIL FIELD BRINES

(see also subdivision under Apsheron Peninsula; Caspian Lowland; Volga-Ural region)

Effect of desalting formation waters on the development of halophilic sulfate-reducing bacteria [with summary in English]. V.A. Kuznetsova, E.S. Pantskhava. Mikrobiologiia 31 no. 1 129-134 Ja-F '62.

OIL FIELD FLOODING see subdivision under Apsheron Peninsula

OIL FIELDS see subdivision under Siberia, Western

OIL FIELDS—BUILDINGS AND STRUCTURES see subdivision under Tatar A.S.S.R.

OIL FIELDS—EQUIPMENT AND SUPPLIES

Moscow. TSentral'noe biuro promyshlennykh normativov po truda. [Practice of innovators in drilling and exploiting oil wells] Opyt novatorov bureniia i ekspluatatsii neftianykh skvazhin. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 67 p. (Obmen peredovym tekhnicheskim opytom)

OIL FIELDS—MICRO-ORGANISMS see subdivision under Yarega region

OIL FIELDS—PRODUCTION METHODS

(see also subdivision under Andizhan region, Azerbaijan)

Rakov, P.P., and A.I. Shterenberg. [Preparation of crude for refining] Podgotovka nefti k pererabotke. Pod red. V.I. Graifera. Kazan', TSentr. biuro tekhn. informatsii, 1960. 73 p.

Underground lake. O. Leshchyns'kyi. Nauka i zhyttia 11 no. 2 35-37 F '62

Zhukov, A.I., B.S. Chernov, and M.N. Bazlov. [Exploitation of oil fields] Ekspluatatsiia neftianykh mestorozhdenii. Izd. 3. Moskva, Gostoptekhizdat, 1961. 493 p.

OIL INDUSTRIES

Galushkina, N.A. [Economics of enterprises of the vegetable-oil industry] Ekonomika predprinatii maslozhirovoi promyshlennosti. Moskva, Pishchepromizdat, 1961. 268 p. (Ekonomika i organizatsiia pishchevoi promyshlennosti) (CU)

OIL RESERVOIR ENGINEERING

(see also subdivision under Romashkino region)

Analytical solution of the problem of the reduction of edge water line. V.L. Danilov. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 1 185-188 Ja-F '62.

Displacement of the oil-water contact in nonuniform layers. V.A. Karpychev. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 1 189-191 Ja-F '62.

Interference of straight-line wells in elastic drive. G.P. Guseinov, I.A. Nasrullaev. Azerb. neft. khoz. 40 no. 10 24-25 O '61.

Investigating gas-oil mixture flow in gushers. V.A. Arkhangel'skii and others. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 2 155-168 '62

Potential of an imperfect well in a two-layer uniformly anisotropic radial bed. IU.I. Sitkiianin. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 1 189-191 Ja-F '62.

Prospecting for oil and gas pools and the efficiency of developing an oil fringe. V.N. Samartsev. Razved. i okh. nedr 27 no. 10 29-31 O '61.

Steady flow of a gas-liquid mixture toward wells in a deformed medium. A.T. Gorbunov. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 1 195-197 Ja-F '62

OIL SHALES

(see also subdivision under Estonia; Gdov)

Casing-head gasoline content of oil-shale gas. A.E. Drabkin, I.N. Babin. Trudy VNIIT no. 10 96-108 '61

Method for the colorimetric determination of phenols in tar water of the "Slantsy" combine. G.E. Sharonov, G.N. Skrynnikova. Trudy VNIIT no. 10 148-159 '61.

Naphtholene and ammonia content of oil-shale gas. A.E. Drabkin. Trudy VNIIT no. 10 91-95 '61

Oplk, Ilmar. [Effect of the mineral parts of oil shale on the working conditions of the boiler unit] Vliianie mineral'noi chasti slantsev na usloviia raboty kotloagregata. Tallinn, Estonskoe gos. izd-vo, 1961. 248 p.

Slag-forming capacity of the ash fraction of oil shales. E.S. Bezmozgin, V.M. Anisimova. Trudy VNIIT no. 10 160-165 '61

OIL SHALES—BIBLIOGRAPHY see Bibliography—Oil shales

OIL SHALES—TESTING

Improved method for distinguishing shale from limestone by means of two pencils of gamma rays of different penetrability [with summary in German]. I. Braun. Izv. AN Est. SSR. Ser. fiz.-mat. i tekh. nauk no. 1, 59-66 '62.

OIL SHALES—TOXICOLOGY

Skin reactions to shale oils (Experimental study) [with summary in English]. Kh.T. Vakhter. Vest. derm. i ven. no. 3, 37-42 '62.

OIL WELL DRILLING

(see also subdivision under Apsheron Peninsula; Tatar A.S.S.R.)

Method of determining the mean indices of drilling operations. S.M. Kuliev, N.N. Mamedov, A.G. Mdivani. Azerb. neft. khoz. 40 no. 10:15-17 O '61.

Moscow. TSentral'noe biuro promyshlennykh normativov po trudu. [Practice of innovators in drilling and exploiting oil wells] Opyt novatorov bureniia i ekspluatatsii neftianykh skvazhin. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 67 p. (Obmen peredovym tekhnicheskim opytom)

Possibility of a spontaneous hydraulic rupture of layers in lowering casings. M.K. Seid-Rza, A.A. Movsumov, T.A. Faradzhev. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 1 182-184 Ja-F '62.

OIL WELL DRILLING, SUBMARINE see subdivision under Azerbaijan, Caspian Sea region

OIL WELL DRILLING, SUBMARINE—ELECTRIC EQUIPMENT

Contact-type electric wave-level meter. A.M. [illegible] Azerb. neft. khoz. 40 no. 10 41-44 O '61

OIL WELL DRILLING FLUIDS

New raw material for drilling fluids. P.O. Kukovskii, A.B. Ostrovskaia, A.I. Zolotareva. Razved. i okh. nedr 28 no. 2 51-52 F '62

Processing clay muds with surfactants. L.A. Bendiukova. Razved. i okh. nedr. 28 no. 1 21-25 Ja '62.

OIL WELL DRILLING RIGS see subdivision under United States

OIL WELL DRILLING RIGS—ELECTRIC DRIVING

Efendizade, A.A. [Controlled electric drive for drilling oil wells] Reguliruemyi elektroprivod dlia burenila neftianykh skvazhin. Baku, Azerbaidzhanskoe gos. izd-vo, 1961. 142 p.

OIL WELL LOGGING see subdivision under Astrakhan Province, Sakhalin

OIL WELL LOGGING—EQUIPMENT AND SUPPLIES

Tester attached to a logging cable. P.A. Bliokhkii, I.N. Timenev, V.V. Tal'tunov. Razved. i okh. nedr 28 no. 1 48-49 Ja '62

OIL WELL LOGGING, ELECTRIC

Use of the theory of four-terminal networks in studying the parameters of a logging cable. I.A. Kulik, Z.I. Zelinskaia. Azerb. neft. khoz. 40 no. 10 41-44 O '61.

OIL WELLS—ACIDIZATION see subdivision under Kara-dag region

OIL WELLS—COSTS

Reduce the construction costs of oil and gas wells. V. Stel'mashuk. Fin. SSSR. 23 no. 3:29-30 Mr '62

OIL WELLS—EQUIPMENT AND SUPPLIES see subdivision under Artem Island

OILS AND FATS

Effect of some plant oils on the level of cholesterol and lecithin in the blood in atherosclerosis [with summary in English]. A.M. Pleshkov. Klin. med. no. 1 124-128 '62.

Effect of the fats on the biosynthesis of chloramphenicol [with summary in English]. L.A. Popova, M.M. [illegible], O.P. Belozerova. Antibiotiki 6 no. 11:988-994 N '61

Studying the oxidation resistance of fat bases emulsified with vitamin F. R.S. Gorshentsvit, B.D. Akkerman. Trudy Len. khim.-farm. inst. 12 173-179 '61.

OILSEED PLANTS see subdivision under Kirghizistan

OINTMENTS

Method for studying the effect of medicinal ointments, cleansing preparations and cosmetics on skin reactivity in guinea pigs. E.A. Ievleva. Vest. derm. i ven. no. 3, 83-85 '62

Methylcellulose as a base for ointments. M.Kh. Gol'[illegible], I.B. Levitskaia, G.S. Bashura. Med. prom. 16 no. 1 22-24 Ja '62.

OKHLUPIN, IGOR'

Good for people. V. Maksimova. Teatr 27 no. 3:33-34 Mr '62

OLBIA (BORYSTHENES)—HISTORY

Olbia and Rhodes according to the numismatic data. P.O. Karyshkovskii. Krat. soob. Inst. arkheol. no. 83 9-16 '61.

OLBIA (BORYSTHENES)—STATUETTES

Bone statuette from Olbia. M.A. Nalivkina. Krat. soob. Inst. arkheol. no. 83 142-146 '61.

OLD AGE

Work of the Republic's Gerontological Society. O.S. Glezman, A.I. Zikeeva. Zdrav. Kazakh. 21 no. 12 64-65 '61.

"Young old age" is now not only the oxymoron of a poet but also a scientific problem. Polina Sovel'eva. Nauka i zhizn' 29 no. 2:70-73 F '62

OLD AGE—DISEASES see Geriatrics

OLD-AGE HOMES see subdivision under Kirghizistan, Vyaz'ma

OLEANDOMYCIN

Biological method for determining the activity of oleandomycin during its isolation and chemical purification [with summary in English]. A.E. Tobiskina, N.A. Vasilenko. Antibiotiki 7 no. 4:366-369 Ap '62.

OLEFINS

Calorimetric investigation of the reaction of atomic hydrogen with solid olefins at 77°K. IU.P. Lomakov, A.N. Ponomarev, V.L. Tal'roze. Kin. i kat. 3 no. 1 49-57 '62.

OLEFINS (Continued)
Chromatographic analysis of microimpurities of acetylene and diene compounds in complex hydrocarbon mixtures M. S. Vigdergauz and others Zav. lab. 28 no. 2 149-150 '62

Ion exchange resins as catalysts for polymerization of unsaturated hydrocarbons N. G. Polianskii, P. F. Tulupov, E. F. Fedorov Kin. i kat. 3 no. 1 162 '62

Preparation of higher normal primary alcohols from higher normal olefins I. I. Zakharkin Izv. AN SSSR Otd. khim. nauk no. 7 569 Jl '62

Radiation polymerization of hydrogen-substituted fluoro olefins [with summary in English] V. A. Khramchenkov Vysokom. soed. 4 no. 3 411 Mr '62.

OLEIC ACID
Radiometric properties of oxidized oleic acid III. B. Kudriashov. Nauch. dokl. vys. shkoly, biol. nauki no. 1 102-104 '62

OLENEGORSK—INSURANCE, SOCIAL—EMPLOYEES
Life demands N. Tupitsyna. Sots. obesp. 23 no. 3 14-15 Mr '62.

OLENEK VALLEY—PETROLEUM GEOLOGY
Results of the field work of the Lena Expedition, 1959 D. S. Sorokov Inform. biul. NIIGA no. 16 46-48 '59

OLIGOCHAETA
Linear growth of zooids in asexual reproduction of some oligochaetes. V. B. Kashkov Dokl. AN SSSR 143 no. 4 987-990 Ap '62

OLYMPIC GAMES
Bain, I. V. [Olympic year 1960, Squaw Valley, Rome] God Olimpiiskii 1960; Skvo-Velli, Rim. Moskva, Izd-vo "Fizkul'tura i sport," 1961. 247 p. illus.

OMENTUM—TUMORS
Cancer of the cardial segment of the stomach, combined with a large fibroma of the lesser omentum. I. B. Akaevskii. Khirurgiia no. 3 119-120 '62.

OMSK—CIVIC IMPROVEMENT
Garden city. N. A. Khelmitskii. Priroda 51 no. 3 46-46 Mr '62.

OMSK—INDUSTRIAL HYGIENE
Let's put a stop to amateurism! P. Makarov. Sov. profsoiuzy 18 no. 3 17 F '62.

OMSK—LANDSCAPE GARDENING
Landscape gardening and parks in Omsk. G. G. Shkulov. Trudy TSSBS no. 3, 130-148 '60.
Soils conditions of Omsk and Novosibirsk in relation to landscape gardening. I. I. Gantimurov. Trudy TSSBS no. 3 51-56 '60.

OMSK—PARKS
Landscape gardening and parks in Omsk. G. G. Shkulov. Trudy TSSBS no. 3 139-148 '60.

OMSK—TIRES, RUBBER
Let's put a stop to amateurism! E. Makarov. Sov. profsoiuzy 18 no. 3 17 F '62

OMSK PROVINCE—REVOLUTION, 1917-1921
Kletkin, I. D. [How the workers of Omsk and Omsk Province struggled against interventionists and the White Guards; on the 40th anniversary of the liberation of Omsk from its occupation by the Kolchak Army and foreign interventionists] Bor'ba trudiashchikhsia Omska i oblasti protiv interventov i belogvardeitsev, 1918-1919 gg.; k 40-letiiu osvobozhdeniia Omska ot kolchakovshchiny i inostrannykh interventov. Omsk, Omskoe obl. otd-nie Ob-va po rasprs. polit. i nauchn. znanii RSFSR, 1959. 46 p.

OMSK PROVINCE—SWINE—FEEDING AND FEEDS
New organization and wage system in overall mechanization of operations in swine fattening. V. Korotaev. Ekon. sel'khoz. 33 no. 1, 50-63 Ja '62.

ONCOLOGY—CONGRESSES
Second Kirghiz Oncological Conference (jointly with the out-of-town session of the Institute of Oncology of the Academy of Medical Sciences of the U. S. S. R.). N. I. Dement'ova, M. A. Kasimov. Zdrav. Kazakh. 21 no. 12: 61-63 '61.

ONTOGENY
Some processes that run by means of secondary recapitulation [with summary in English]. Otto Sleby Zool. zhur. 40 no. 12, 1770-1777 D '61.

OOLITE see subdivision under Siberia, Western

OPEN-AIR TREATMENT
Some immunological indices in children who sleep out of doors during the fall-winter season. O. I. Smirnova. Med. zhur. Uzb. no. 1 81 Ja '62.

OPEN AND CLOSED SHELVES
Fedorov, I. B. [We trust our people] Na osnove doverila. [Leningrad] Lenizdat, 1961. 23 p. (Novoe vkhodit v zhizn')

Moscow. Gosudarstvennyi bibliotechnyi institut. [Free access to the book collections of libraries; a collection of articles] Otkrytyi dostup k knizhnym fondam bibliotek; sbornik statei pod red. IU. V. Grigor'eva. Moskva, 1959. 69 p.
(NNC)

OPEN-HEARTH FURNACES
(see also subdivision under Novokuznetsk)
Automatic correction of the deviations of mixture batch weights in charging open-hearth furnaces. I. G. Polovchenko, V. I. Gel'dfand Avtom. i prib. no. 1 18-21 Ja-Mr '62.

Bogorodskii, A. L. [Steel smelting in open-hearth furnaces] Plavka stali v martenovskikh pechakh. Pod red. L. M. Volpianskogo. Moskva, Mashgiz, 1961. 45 p. (Nauchno-populiarnaia biblioteka rabochego-liteishchika, no. 18)

Open-hearth furnace or oxygen converter A. F. Myttsymov. Stal' 22 no. 3 232-237 Mr '62

Use of forsterite checkers in high capacity open-earth furnaces operating with oxygen M. M. Khil'ko, G. I. Antonov Ogneupory 27 no. 3, 141 '62

OPEN-HEARTH FURNACES—COOLING
Hot water cooling of open-hearth furnaces F. G. Rostovshchikov, V. I. Chernoskutov Stal' 22 no. 3 265 Mr '62.

OPEN-HEARTH FURNACES—DESIGN AND CONSTRUCTION
Characteristics of heating and heat conditions of open-hearth furnaces V. N. Kazantsev. Metallurg 7 no. 4 20-21 Ap '62

High-caloric fuel for open-hearth furnaces. I. B. Pollak Metallurg 7 no. 2, 26-27 F '62

Port for the firing of open-hearth furnaces with natural gas I. I. Kobeza, E. I. Bembinek, V. M. Smirnov Metallurg 7 no. 2, 22-24 F '62

OPEN-HEARTH FURNACES—EQUIPMENT AND SUPPLIES
Durability of steel-pouring ladle stoppers I. B. Kul'chitskaia, N. B. Kuznetsova. Ogneupory 27 no. 3 112-114 '62.

Manufacture and service of grog-carbon steel-pouring stoppers. V. S. Ozhiganov, A. M. Prokop'eva, Z. P. Ivanova. Ogneupory 27 no. 2, 63-66 '62.

Steel pouring from two-stopper ladles with remote control of the stoppers L. S. Klimasenko, I. A. Sokolov, E. IA. Botnev Metallurg 7 no. 4, 21-23 Ap '62

Use of nickel-bearing emery dust in open hearth furnaces N. V. Kels and others. Metallurg 7 no. 2, 20-21 F '62

OPEN-HEARTH FURNACES—MAINTENANCE AND REPAIR see subdivision under Novokuznetsk

OPEN-PIT MINING see Strip mining

OPERA see subdivision under Cheboksary, Kiev; Moscow; Tajikistan

OPERA—HISTORY AND CRITICISM
Matyshev, IU. V. [Talks on opera] Besedy ob opere. Kiev, Sovetskii kompozitor, Ukr. respublikanskoe otd'nie, 1961. 122 p.

Monologue of P. Hindemith Sov. muz. 26 no. 3, 132-134 Mr '62.

OPERA, UKRAINIAN see subdivision under New York (City)

OPERATIONAL CALCULUS see Calculus, Operational

OPERATIONS, SURGICAL
Case of postoperative hyperthermic syndrome in a 7-year-old child. M. S. Dats-Epshtein, IA. S. Kotiger. Vop. okh. mat. i det. 6 no. 12 76-78 D '61.

Level of prothrombin, fibrinogen, heparin and of the protein fractions in the blood prior to and following surgery. E. P. Stepanian, A. I. Lagutina. Grud. khir. 1 no. 3: 52-56 My-Je '59.

OPERATIVE SURGERY see Surgery, Operative

OPERATORS (MATHEMATICS)
Conditions for the existence of wave operators. Dokl. AN SSSR 143 no. 3, 506-509 Mr '62

Continuity of linear positive operators. I. A. Bakhtin, M. A. Krasnosel'skii, V. IA. Stetsenko. Sib. mat. zhur. 3 no. 1, 155-160 Ja-F '62.

Denchev, R. [Certain operators related to an equation of the type of Low's equation of scattering] O nekotorykh operatorakh, sviazannykh s odnim uravneniem tipa uravneniia rasseianiia Lou. Dubna, Ob'edinennyo in-t iadernykh issl., 1962. 10 p. [With summary in English]

Eigenvalues and adjoint elements of linear operators A. T. Taidykin. Zhur. vych. mat. i mat. fiz. 2 no. 1: 165-169 Ja-F '62.

General method of approximation for solving linear problems. V. V. Ivanov. Dokl. AN SSSR 143 no. 3, 514-517 Mr '62.

Lie's model. F. A. Berezin. Dokl. AN SSSR 143 no. 4: 811-814 Ap '62.

One generalization of M. A. Krasnosel'skii's theorem. S. Ashirov. Izv. AN Turk. SSR Ser. fiz.-tekh., khim. i geol. nauk no. 6, 104-107 '61.

Rapidity of convergence using Ritz's method A. V. Dzhishkariani Trudy mat. inst. AN Gruz SSR 27, 265-268 '60.

OPERETTA see subdivision under Moscow

OPHIUROIDEA
Some additions to the "Classification key of ophiuroids occurring in the seas of the U. S. S. R." A. M. Djakonov Trudy Len. ob-va est. 72 no. 1 91-96 '61

OPHTHALMOLOGY see subdivision under Ukraine

OPIUM
Determining the narcotine content in opium. V. M. Merlis, M. R. Bagreeva, G. G. Veselovskaia. Med. prom. 16 no. 2, 46-48 F '62.

OPTIC LOBES
Electric response of single neurons of the optic lobes to stimulation by light in frogs L. L. Mkrtycheva Dokl. AN SSSR 143 no. 4 994-996 Ap '62

OPTIC THALAMUS—INNERVATION
Some elements of the organization in the representation of visceral afferent systems at the thalamic level Report No. 1 Representation of the splanchnic nerve in the posterior ventral nucleus of the thalamus of a cat [with summary in English] R. A. Durinian Biul. eksp. biol. i med. 53 no. 2 22-27 F '62

OPTICAL FILMS
Some properties of absorbing optical films [with summary in English]. P. Kard. Izv. AN Est. SSR. Ser. fiz.-mat. i tekh. nauk no. 1 10-15 '62.

OPTICAL GLASS see Glass, Optical

OPTICAL INSTRUMENTS
The BKR-1 blink comparator E. IA. Bugoslavskaia. Soob. GAISH no. 104 3-20 '61
Investigating the KIM-3 measuring instrument N. M. Artiukhina, D. K. Karimova Soob. GAISH no. 104 21-38 '61

OPTICAL INSTRUMENTS—ABSTRACTS
[Photographic and motion-picture equipment and optical instruments] Ref. zhur. Otd. vyp. 40: Foto-kinoapp. i opt. prib. nos. 1-5 Ja-Mr '62.

OPTICAL ROTATION
Optical rotatory dispersion W. Klyne Usp. khim. 31 no. 3 385-396 Mr '62.

OPTICAL TRADE see subdivision under Leningrad

OPTICS, GEOMETRICAL
Projective geometry in the solution of problems in geometrical optics N. P. Zakaznov. Izv. vys. ucheb. zav., geod. i aerof. no. 5 111-115 '61

OPTICS, PHYSICAL
Calculating the effect of inhomogeneities on the light regime of a parallel-plate layer in nonlinear approximation A. P. Ivanov and others Dokl. AN BSSR 6 no. 3 147-150 Mr '62.

Generation conditions in a parallel-plate layer A. M. Samson. Dokl. AN BSSR 6 no. 3 151-154 Mr '62

ORATORS, GREEK
Greek orators of the fourth century B. C., Hypereides, Lycurgus, Dinarchus, and Aeschines (to be continued). Translated from the Greek. Vest. drev. ist. no. 1 203-244 '62.

ORBELI, LEON ABGAROVICH, 1882-
Leon Abgarovich Orbeli A. D. Popovskii. Med. sestra 21 no. 1, 50-53 Ja '62

ORBIT (EYE)—BLOOD SUPPLY
Role of the orbital artery in the retrograde blood supply for a carotid-cavernous anastomosis F. A. Serbinenko Vop. neirokhir. no. 2 1-6 '62

ORBITS
Table for the solution of Kepler's equation by means of a calculating machine. G. M. Bazhenov. Uch. zap. KHGU 91, 255-257 '57.

ORCHARD GRASS see subdivision under Kirghizistan

ORE DEPOSITS
(see also subdivision under Altai Mountains; Armenia, Bakal region; Daghestan; Georgia; Kadzharan region; Kirghiz Range; Sevan Lake region; Siberia, Eastern; Tigiretskiy Range, Yagnob Valley)
Correlation of chemical and mineralogical analyses in the study of ancient titanium placer deposits. A. R. Sushon. Izv. vys. ucheb. zav., tsvet. met. 5 no. 2, 3-8 '62.

Development of new trends in geophysical prospecting for nonferrous and rare metals. M. I. Kiselev. Geofiz. razved. no. 5 86-94 '61.

Features of the spatial distribution of endogenic mineralization in relation to intrusions. M. A. Churilin, L. V. Pshenichnyi Razved. i okh. nedr 27 no. 10-15-22 O '61.

Geometric study of the shape and bedding conditions of an ore body. O. Kemel'bacy, V. N. Shkurin. Sbor. nauch. trud. Kaz. GMI no. 19-218-222 '60.

M. V. Lomonosov and the development of the study of ore formation I. I. Bok Izv. AN Kazakh. SSR. Ser. geol. no. 4, XXXVIII-XLIV '61.

M. V. Lomonosov's great contribution to the study of ore deposits. E. E. Zakharov Izv. vys. ucheb. zav., geol. i razv. 5 no. 2 3-8 F '62.

ORE DRESSING
(see also subdivision under Abagur, Krivoy Rog Basin, Leninogorsk, East Kazakhstan Province, Zyryanovsk)

Accuracy in the determination of technological indices of iron quartzite dressing V S Kharlamov Obog rud 7 no 1 45-46 '62

Akademiia nauk SSSR Institut gornogo dela. [Mining and dressing ores of the Kursk Magnetic Anomaly] Voprosy razrabotki i obogashcheniia rud KMA. Moskva, Izd-vo Akad nauk SSSR, 1962 183 p

Andreev, S. E., V V Zverevich, and V. A. Perov. [Crushing, milling and screening of minerals] Drobienie, izmel'chenie i grokhochenie poleznykh iskopaemykh. Moskva, Gos nauchno-tekhn izd-vo lit-ry po gornomu delu, 1961. 384 p.

Dressing of "unyielding" copper ores with preliminary roasting (review of literature) A I Eskin Obog rud 6 no 6 54-56 '61

Effect of calcium and magnesium ions on cerussite sulfidizing and flotation processes. V. A Glembotskii, I. M Kuhkov, Izv vys. ucheb. zav., tsvet met. 5 no 2 38-44 '62

Effect of the homogeneity of aerial suspensions as dry heavy media in gravity concentration V. I Korshunov. Izv Sib otd AN SSSR no 1 92-94 '62

Extraction of gold from rebellious carboniferous ore I K. Dem'ianov Zh Sh. Taziev, A. S. Korolev. Sbor. nauch. trud. Kaz GMI no 19 14-22 '60.

Filters for fine iron concentrates V. P Kondukov Obog rud 6 no 6,49-53 '61

Hrazhdantsev, I. I. [The Bogdanovka Ore Dressing and Sintering Plant of the "Nikopol'-Marganets" Industrial Trust] Bohdaniv'ka zbahachuval'no-aglomeratsiina fabryka trestu 'Nikopol'-Marganets'." [Dnipropetrovs'k] Dnipropetrovs'ke knyzhkove vyd-vo, 1959. 12 p.

Molybdenum recovery from "Sorskoye" deposit oxidized ores and low-grade concentrates A N. Zelikman, N N Gorovits Sbor nauch trud GINTSVETMET no 33 186-201 '60

Phosphorus distribution during the dressing of manganese ores G I Kontorovich Obog rud 7 no.1 11-14 '62

Possibility of dressing ores containing oxidized zinc minerals A. A. Abramov Obog rud 6 no. 6 25-29 '61

Study of gold-arsenious concentrates P. S. Gotkin, S. M. Barakov, IU G. Sazhin Sbor. nauch. trud. Kaz GMI no. 19 86-92 '60

Study of a gold-bearing concentrate for the purpose of extracting gold from it. G. A Nigmatullina and others. Sbor nauch trud. Kaz GMI no 19 186-196 '60.

Study of gold-bearing ores. M. Kagazbaev, S. Zhazylbekov, E. I. Novikova. Sbor. nauch trud. Kaz GMI no 19: 164-166 '60.

Toward new achievements! Obog rud 6 no 6 3-4 '61.

Vacuum filter with preheating of the product A. S. Sladko. Obog. rud 6 no 6 41-43 '61

Water removal from fine magnetite concentrates in settling tanks and stock piles L. P. Shupov. Obog rud 6 no 6 46-48 '61

ORE DRESSING—BIBLIOGRAPHY see Bibliography—Ore dressing

ORE DRESSING—EQUIPMENT AND SUPPLIES

Bun'ko, V. A., S. A. Volotkovskii, and N. G. IAnkilevich. [Automatic control in ore dressing plants] Avtomatizatsiia na obogatitel'nykh fabrikakh. Pod red. S. A. Volotkovskogo Moskva, Gos. nauchno-tekhn. izd-vo po gornomu delu, 1961 363 p.

Conveying machine for the roasting of fluxed iron ore nodules I. L Rovenskii, N N Berezhnoi Stal' 22 no 3 205-209 Mr '62

ORE HANDLING

Comparing methods of drawing and loading ore in shrinkage stope mining N. G IAlymov Izv AN Kir SSR, Ser est i tekh nauk 3 no 3 65-75 '61

OREKHOVO-ZUYEVO—EDUCATION

A city party committee and Soviet schools. P. Gordeev, V Davydov. Part. zhizn' no 8:25-30 Ap '62.

OREKHOVO-ZUYEVO—HOUSING

Injustice in Orekhovo-Zuevo. V Beliaev. Sov profsoiuzy 18 no 4 24-25 F '62

OREL—BOOKSELLERS AND BOOKSELLING

Books in communist labor. I. Antonov. Sov. knizh. torg. 14 no. 3,27 Mr '62.

OREL PROVINCE—CORN (MAIZE)

"Sixty-two centners of corn per hectare" by P. E. Sapunov. Reviewed by A Chernov. Agitator no. 8: 62-63 Ap '62.

OREL PROVINCE—LITERARY LANDMARKS

Chernov, N. V. [Literary landmarks of Orel Province] Literaturnye mesta Orlovskogo kraia. Izd. 2., dop. [Orel] Orlovskoe knizhnoe izd-vo, 1961. 154 p.

ORENBURG—TEACHERS, TRAINING OF

Bring knowledge to the people. IU. Semenova Sov. profsoiuzy 18 no. 5 32 Mr '62.

ORENBURG PROVINCE—AGRICULTURE

Make better use of land in Orenburg Province S. A Ambrick, M F Nazarov Zemledelie 24 no. 3 30-34 Mr '62

ORENBURG PROVINCE—MINERAL WATERS

Characteristics of the action of Orenburg mineral water on the bile secreting function of the liver in an experiment and in the clinic [with summary in English]. S.S Ozer'er. Terap. arkh. 34 no. 3 87-91 '62.

ORENBURG PROVINCE—MOUNDS

Sarmatian mounds in Orenburg Province M G Moshkova Krat soob Inst arkheol no 83 115-125 '61.

ORES—ANALYSIS see subdivision under Transbaikalia

ORES—DENSITY

Estimation of the excessive density between incoherent and crystalline complexes. V. A. Bugaiło, D F. Umantsev. Izv AN Kazakh SSR, Ser. geol no 4 77-80 '61

ORES—OXYGEN CONTENT

"Determination of dissolved oxygen in pulps" by G Thomas, T Ingraham [in English] Reviewed by V. Luk'ianov Atom energ. 12 no 4 352 Ap '62

ORES—SAMPLING AND ESTIMATION see subdivision under Altai Mountains

ORGANIC CHEMISTRY see Chemistry, Organic

ORGANIC COMPOUNDS

Analysis of complex organic mixtures by the method of gas chromatography. M S. Vigdergauz Usp. khim 31 no. 1 73-100 Ja '62.

Bond energies of carbon, hydrogen, and oxygen atoms of organic molecules with yttrium oxide A A. Tolstopiatova, I R Konenko, A. A Balandin Kin. i kat 3 no 1 103-106 '62

Some results of measurements of the diffusion parameters of organic liquids using the pulse method L N IUrova and others Atom energ 12 no 4: 331-332 Ap '62

ORGANOMETALLIC COMPOUNDS

Chemistry of organometallic compounds. A. M. Sladkov, E. S. Krongauz. Priroda 51 no. 3,35-39 Mr '62.

Relationship between the capacity of organometallic compounds for exchanging organic groups, and their catalytic activity in polymerization [with summary in English] L. M Nazarova, G. E. Aleksandrova Vysokom. soed. 3 no 12 1822-1826 D '61.

ORGEYEV DISTRICT—COMMUNIST YOUTH LEAGUE

Relying on the Communist Youth League activist group I. Petkov Komm. Mold. 7 no. 2;33-37 F '62

ORGEYEV DISTRICT—STOCK AND STOCKBREEDING—FEEDING AND FEEDS

Pritula, IU. V. [Antibiotics in the feeding of farm animals, from the practices of the production and use of antibiotic feed supplements on collective farms in Orgeyev, Teleneshty, and Tiraspol' Districts] Antibiotiki v kormlenii zhivotnykh, iz opyta proizvodstva i primenenila kormovykh antibiotikov v kolkhozakh Orgeevskogo, Teleneshtskogo i Tiraspol'skogo rajonov. Kishinev, Gos izd-vo "Kartia moldovenaske," 1960. 14 p. (DA)

ORIENTAL LITERATURE—HISTORY AND CRITICISM

The problem of periodization of the ancient literatures of the East [with summary in English, p 227]. V. B. Nikitina, E. V. Paevskaia, L. D. Pozdneeva. Nar. Azii i Afr. no. 1;103-108 '62.

ORIENTAL SORE see Delhi boil

ORIENTATION

Orientation according to ground configuration. B. Zbukov. Voen. vest. 41 no 12 66-68 D '61

ORLOV, BORIS PAVLOVICH, 1902-

Boris Pavlovich Orlov; on his 70th birthday. B.A. Apollov. Meteor. i gidrol. no. 3:65-66 Mr '62.

ORNITHOSIS

Epidemiology and clinical aspects of ornithosis A. F. Bilibin, IU A. Il'inskii. Klin. med. no. 3, 34-38 '62.

Outbreak of ornithosis in a poultry-processing combine. L.S. Bezdenezhnykh. Zhur. mikrobiol., epid. i immun. 33 no. 1:127-128 Ja '62.

ORPHANS AND ORPHANAGES

The motherland brought them up. Boris Boevskii. Smena 39 no. 6;20-21 Mr '62.

ORPINE

Alkaloids of some orpine species. V. N Karpovich. Trudy Len. khim.-farm. inst. 12 191-193 '61.

ORTHODONTIA

Kurtlandskii, V. IU. [Textbook of orthopedic stomatology] Uchebnik ortopedicheskoi stomatologii. Izd. 2. Moskva, Medgiz, 1962. 591 p. (DNLM)

ORTHODOX EASTERN CHURCH see subdivision under Ukraine

ORTHODOX EASTERN CHURCH—CLERGY

Decisions of the Holy Synod Zhur. Mosk Pat. [illegible] D '61

ORTHODOX EASTERN CHURCH—CONGRESSES

Orthodox Eastern Church. [Acts of the Pre[illegible] of the Russian Orthodox Church Abroad, held at [illegible] York City, October 5-18 and November 1-14, 1961] Iz deianii Arkhiereiskogo sobora Russkoi pravoslavnoi tserkvi zagranitsei, sostoiavshegosia 5, 18 oktiabria/1 [illegible] noiabria 1959 goda v g N'iu Iorke SShA. [illegible] ville, Holy Trinity Monastery, 1960. xvi, 150 p. (MH)

ORTHODOX EASTERN CHURCH—PERIODICALS see subdivision under Rumania

ORTHODOX EASTERN CHURCH—RELATIONS

Departure of the delegation of the Russian Orthodox Church to the Third General Assembly of the World Council of Churches Zhur. Mosk Pat. [illegible] 12 [illegible] 61.

Feast of a church community (on the occasion of the sojourn of Patriarch German of Serbia in the U[illegible] Hegumen Aleksandr (Lekhno) Zhur Mosk Pat. [illegible] 12 6-10 D '61.

ORTHOGONAL SERIES see Series, Orthogonal

ORTHOGONAL SURFACES see Surfaces, Orthogonal

ORTHOPEDIA

Novachenko, N. P. [Principles of orthopedics and traumatology] Osnovy ortopedii i travmatologii. Moskva, Medgiz, 1961. 270 p. (DNLM)

ORTHOPTERA see subdivision under Chalcandra

ORULGAN RANGE—GEOLOGY

Preliminary results of geological studies of the [illegible] slope of the Orulgan Range, 1958-1959. A S. [illegible] Inform. biul. NIIGA no 16 37-42 '59

OSCILLATIONS

Application of the wave domain method to solving problems of forced nonlinear periodic oscillations of a string. V. N. Karpo. Izv. vys. ucheb. zav., mat. [illegible] 51-59 '61

Passing through resonance with nonlinear velocity in a system having one degree of freedom. A. P. [illegible] Sbor. trud. Lab. gidr. mash. no. 9:37-47 '61

OSCILLATORS, CRYSTAL

Concerning a possible mechanism of quartz ageing O. Sh Grots. Radiotekh i elektron 7 no 4 [illegible] Ap '62.

High-quality high-stability quartz resonators for [illegible] U. S. S. R. state frequency standard A. K. [illegible] Dokl. AN SSSR 143 no. 2;323-326 Mr '62

OSCILLATORS, ELECTRIC

Models of "Phantastron" and "Multivibrator" V. V. [illegible] I. M. Makarenko. Vest protivovozd. obor. no 12 21-24 D '61

OSCILLATORS, ELECTRON-TUBE

Generator of television test signals. S. S. Chil[illegible] A. E. [illegible] prib. no. 1:99-101 Ja-Mr '62.

The GOCh-1 generator of reference frequencies. Prib. i tekh. eksp. 7 no. 1 208 Ja-F '62.

Two-channel pulse generator. I. A. Miroshnik, V. S. Skugarev Prib i tekh. eksp. 7 no 1 108 Ja-F '62

OSCILLOGRAPH

Device for tuning television and radio receivers. P. [illegible] khovatov. Radio no 3;32-35 Mr '62.

Double channel commutator for an electronic oscillograph. L.M. Raevskii. Fiz. v shkole 22 no. 1 85-87 Ja-F '62.

Electron-beam oscillograph with photorecording. Prib. i tekh. eksp. 7 no. 1 208 Ja-F '62.

Electronic apparatus for measuring wave parameters. I. V. Davydov. Gidrotekhnika no. 1:98-99 '61

Oscillograph for lecture demonstrations. G. Bobyrev. Radio no. 3;49-51 Mr '62.

OSCILLOGRAPHY

Significance of arteriography and oscillography in [illegible] teritis obliterans. M. F. Musin. Kaz. med. zhur. [illegible] 31-34 S-O '61.

OSH PROVINCE—COOPERATIVE SOCIETIES

Without the sense of responsibility U Iskakov [illegible] potreb koop. 6 no 3:39-40 Mr '62

OSKOL VALLEY—ANTIQUITIES

Archaeological explorations in the floodplain of the Oskol River. P. D. Liberov. Krat. soob. Inst. arkheol. [illegible] 95-103 '61

OSLO—THEATER

In Norway. Martin Nag. Teatr 23 no. 3;139-142 Mr '62.

OSMOSIS

Osmoreceptors of the pelvic extremities [with summary in English] L. F. Velil'anova Biul eksp biol. i med. 53 no. 1 15-17 Ja '62

Weight method for studying the kinetics of the exosmosis of water for the live tissues of plants. A. P. Petrov. Biof. zhur., 17 no. 3:368-371 My-Je '62

OSSETIA—MINE DUSTS

Silicosis hazards at the Kvaisinsky and Skaty-Komsky deposits K. I. Kotlladze, G. A. Machabeli Gig. truda i prof. zab., 4 no. 11 53-54 N '60.

OSSETIA, SOUTH—HISTORY—SOURCES

Akademiia nauk Gruzinskoi SSR, Tiflis. IUgo-Osetinskii nauchno-issledovatel'skii institut, Stalinir. [History of South Ossetia in documents and materials, 1921-1958] Istoriia IUgo-Osetii v dokumentakh i materialakh, 1921-1958 gg. Pod red. V. A. TSomaia. Sost. I. N. TSkhovrebov. Stalinir, Gosizdat IUgo-Osetii
Vol. 1. 1960
(MH)

Akademiia nauk Gruzinskoi SSR, Tiflis. IUgo-Osetinskii nauchno-issledovatel'skii institut, Stalinir. [History of South Ossetia in documents and materials, 1800-1864] Istoriia IUgo-Osetii v dokumentakh i materialakh, 1800-1864 gg. Sost. I. N. TSkhovrebov. Stalinir, Gosizdat IUgo-Osetii
Vol. 2 1960.
(MH)

OSSETIA, SOUTH—POPULATION

Geographical distribution of the population in South Ossetia R. I. Kvetenchkhiladze Soob. AN Gruz SSR '8 no. 2, 181-186 F '62

OSTEOLOGY see Bones

OSTEOMYELITIS

Acute hematogenic osteomyelitis in newborn infants [with summary in English] I. M. Ponizovskaia Vop. okh. mat. i det. 6 no. 12 27-31 D '61.

Epiphysial osteomyelitis in newborn infants V. M. Derzhavin Vop. okh. mat. i det. 6 no. 12 23-27 D '61

Smerechenko, N. I. [Odontogenic osteomyelitis of the jaws, its pathogenesis, pathological anatomy, and clinical forms] Odontogennyi osteomielit shcheliep, patogenez, patologicheskaia anatomiia i klinicheskie formy Kyiv, Derzh. med. vyd-vo URSR, 1961 152 p
(Biblioteka praktychnoho likaria)
(DNLM)

OSTEOPLASTY see Bone grafting

OSTRACODA, FOSSIL see subdivision under Russian Platform

OSTROVSKII, ALEKSANDR NIKOLAEVICH, 1823-1886

"Storm" of Pashennaia N. Tolchenova. Ogonek 10 no. 10 26-27 Mr '62

OTOLARYNGOLOGY

First aid in diseases of the ear, throat, and nose V. G. Dronolaev, B. M. Miechin. Med. sestra 21 no. 2 40-19 F '62

Organization of a nurse's work in the otolaryngological department of a polyclinic V. A. Starosvetskii Med. sestra 21 no. 2 38-40 F '62.

OTOLARYNGOLOGY—STUDY AND TEACHING

Moscow. Pervyi meditsinskii institut. [Instructions for practical studies in otorhinolaryngology for medical institutes] Metodicheskie zapiski k prakticheskim zaniatiiam po otorinolaringologii; dlia meditsinskikh institutov. Moskva, 1960 73 p.
(DNLM)

OUTBOARD MOTORS

Outboard motors. V. Bakhtiarov. Za rul. 20 no. 3:22-23 Mr '62.

OVARIES

Comparative estimation of the functional state of sexual glands in mice strains with high and low susceptibility to cancer [with summary in English]. A. D. Ostrianina. Fiziol. zhur. [Ukr.] 7 no. 6:830-835 N-D '61.

Division in the maturation of oocytes in mammalian ovaries at various periods of the estrus cycle and in acute radiation sickness [with summary in English]. V. IA. Kamysheva. Biul. eksp. biol. i med. 53 no. 2: 93-96 F '62

OVARIES—DISEASES

Torsion of the ovary and fallopian tube in combination with acute appendicitis in a 10-year-old girl H. G. Gataullin Vop. okh. mat. i det. 6 no. 12 80-82 D '61

OVARIES—INNERVATION

Sex cycle in rats under the conditions of ovarian denervation [with summary in English] O. V. Volkova Biul. eksp. biol. i med. 53 no. 2 89-92 F '62.

OVCHYNNYKOV, VASYL' FEDOROVYCH

Ovchynnykov, V. F. [From a spark to a flame; paintings] Z iskry - polum'ia; kartyny. [Kyiv] Derzh. vyd-vo obr. azotvorchoho mystetstva i muzychnoi lit-ry URSR, 1961. 12 p. plates.

OVENS

Protection of the interior of a vacuum oven with lacquer-paint coatings. E. E. Nordshtrem, I. A. Etinger Lako-kras. mat. i ikh prim. no. 5 60-63 '61

Repair and reconstruction of semiacid refractory laying of compartment ovens at the "Stantsy" combine K. V. Vakulov, A. S. Efremova, A. K. Mikhcenko Trudy VNIIO no. 10 29-43 '61

OWLS

Observations on nesting and feeding of the boreal owl (Aegolius funereus L.) [with summary in English]. N. P. Kadochnikov. Zool. zhur., 41 no. 3 465-467 Mr '62.

OXANILIC ACID

Series of substituted arylamides of dithiocarboxylic acids Part 3 Synthesis of substituted amides of thiooxanilic acid. A. D. Grabenko, P. S. Pel'kis Zhur. ob. khim. 32 no. 3 735-737 Mr '62

OXIDATION

Characteristics of salt catalysis during oxidation of alkyl aromatic hydrocarbons R. V. Kucher, S. D. Kaminin, M. A. Kovibuz Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 6, 971-976 '61.

Determination of kinetic constants in the low-temperature oxidation of electrode carbon [with summary in English] V. V. Pomerantsev, V. A. Lombakh, IU. A. Rundygin Inzh.-fiz. zhur. 5 no. 3:3-9 Mr '62.

Effect of the carrier on the properties of propylene oxidation catalysts. IA. B. Gorokhovatskii, M. IA. Rubanik, E. N. Popova Kin. i kat. 3 no. 1 133-138 '62

Effect of the additions of carboxylic acids on the oxidation of cyclohexanone in the liquid phase K. A. Cherviinskii, V. I. Kaiban. Ukr. khim. zhur. 28 no. 2 198-204 '62.

Mechanism of chain initiation in the oxidation of n-decane Z. K. Maizus, N. M. Emanuel', V. N. IAkovleva. Dokl. AN SSSR 143 no. 2, 366-369 Mr '62

New design of a bubbler oxidizer. P. G. Volkov. Lako-kras. mat. i ikh prim. no. 5:81-82 '61

Oxidation of oil shales by atmospheric oxygen Report No. 1 Oxidation of alkali water suspension of Gdov shale in an autoclave V. A. Proskuriakov, Z. V. Soloveichik Trudy VNIIT no. 10 64-80 '61

Oxidation of oil shales by atmospheric oxygen Report No. 2 Oxidation of Gdov shales in a continuous air feed V. A. Proskuriakov, Z. V. Soloveichik. Trudy VNIIT no. 10 81-90 '61.

Oxidation of thiourea on a rotating platinum anode. N. N. Kuz'mina, O. A. Songina. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 6, 928-935 '61

OXIDATION, PHYSIOLOGICAL

Effect of amina ine and reserpine treatment on some indices of oxidative processes in schizophrenics [with summary in English]. V. M. Vasheikov. Fiziol. zhur. [Ukr.] 7 no. 6:775-783 N-D '61.

OXIDATION-REDUCTION REACTION

Ability of an artificial lipoprotein complex of chlorophyll to sensitive oxidation-reduction reactions. V. B. Evstigneev, V. A. Gavrilova. Biofizika 6 no. 5 563-571 '61.

Oxidation-reduction properties of bivalent vanadium compounds I. P. Alimarin and others. Zhur. neorg. khim. 7 no. 2 298-304 F '62.

Thermodynamics of the reduction reaction of titanium oxides. A. N. Krestovnikov, A. L. Lomov Sbor. nauch. trud. GINTSVETMET no. 33 8-12 '60

OXYACETYLENE WELDING see Gas welding and cutting

OXYCAINE

Experiments with oxycaine for the purpose of preventing and treating radiation sickness. Vop. radiobiol. [AN Arm. SSR] 1:187-190 '60

OXYGEN

Effect of oxygen on the development of experimental atherosclerosis in rabbits [with summary in English]. V. A. Lisovskii, M. K. Mikushkin. Pat. fiziol. i eksp. terap. 6 no. 1 33-36 Ja-F '62.

Gasometric and gravimetric methods for determining oxygen in sodium and their use for analyzing the contents of oxide traps F. A. Kozlov. Atom. energ. 12 no. 4, 332-333 Ap '62.

Simultaneous electrolytic separation of chlorine and oxygen from neutral and alkaline solutions of potassium chloride. V. M. Blavatnik, G. A. Tsyganov. Uzb. khim. zhur. 6 no. 1:39-44 '62.

OXYGEN—ANALYSIS

Chromatographic method for determining microconcentrations of carbon dioxide in oxygen. E. V. Vagin, S. S. Petukhov, V. I. Zheleznlak Zav. lab. 28 no. 2, 140-141 '62

OXYGEN—ISOTOPES

Formation and decomposition of cumene hydroperoxide in H_2O^{18}. A. L. Brodskii and others. Zhur. ob. khim. 32 no. 3 768-780 Mr '62.

Investigating homomolecular oxygen exchange on oxides of metals of the fourth period. Part 1 Exchange kinetics and mechanism A. P. Dzisiak, G. K. Boreskov, L. A. Kasatkina. Kin. i kat. 3 no. 1:81-90 '62.

Use of the O^{18} isotope in studying the mechanism of hydroxybenzaldehyde oxidation by peroxides N. A. Vysotskaia Dokl. AN SSSR 143 no. 4 847-848 Ap '62

OXYGEN—PHYSIOLOGICAL EFFECT

Effect of breathing air rich in oxygen on the working capacity under industrial conditions. TS. D. Stanislavskaia Vrach. delo no. 2 115-117 F '62

Effect of pure oxygen respiration on the lungs and heart of white rats [with summary in English] I. S. Balakhovskii, A. R. Mansurov, V. L. IAzdovskii Biul. eksp. biol. i med. 53 no. 2 43-47 F '62

OXYGEN, LIQUID see Liquid oxygen

OXYGEN IN THE BODY

Changes of oxygen tension in the brain and skeletal muscles in hyper- and hypocapnia [with summary in English]. N. V. Sanotskaia. Biul. eksp. biol. i med. 53 no. 2 3-9 F '62

Effect of ionizing radiation on the consumption of oxygen and on some aspects of carbohydrate metabolism S. P. Vlasenko, IU. B. Kheifets, L. A. Chil-Akopian Vop. radiobiol. [AN Arm. SSR] 1 191-197 '60

Oxygen absorption and phosphorylation in heart tissue homogenates in experimental aortic stenosis in the rabbit [with summary in English] M. F. Vialykh Vop. med. khim. 7 no. 6 625-628 N-D '61

OXYGEN THERAPY

Blood eosinophilia in chronic nonspecific colitis and rectal oxygenotherapy. A. L. Kolesnikov. Vrach. delo no. 8 141-142 Ag '61

Necessity for the principles of oxygen therapy in infectious diseases V. M. Leonov Terap. arkh. 34 no. 2 101-105 '62.

Oxygen therapy in cardiovascular diseases in workers of industrial enterprises V. S. Volkov Fel'd i akush. 27 no. 1 26-29 Ja '62

Preoperative oxygen treatment in mitral disease [with summary in English]. S. N. Strakhov Grud. khir. 2 no. 1:25-29 Ja-F '60.

OXYTETRACYCLINE

Comparative studies of the specific properties of Streptomyces rimosus strains producing and not producing oxytetracycline [with summary in English] L. Nyiri. Antibiotiki 7 no. 3:11-18 Mr '62

Experimental study of oxytetracycline aerosols [with summary in English] S. I. Edel'shtein Antibiotiki 6 no. 11 971-974 N '61

OZERKI—COMMUNITY CENTERS

They made it for themselves G. Petlur Sots. kul't. no. 2 15 F '62

OZOCERITE

TSentral'nyi nauchno-issledovatel'skii institut kurortologii i fizioterapii. [Ozocerite in therapeutic practice] Ozokerit v lechebnoi praktike Moskva, Musk. obl. fizioterapevticheskaia klinicheskaia bol'nitsa, 1960 203 p.

OZONE

Simple method of obtaining ozone. A. N. Solodkii. Khim. i v shkole 17 no. 2 56 Mr-Ap '62.

PACIFIC OCEAN—DEEP-SEA DEPOSITS

Bottom sediments of deep-sea trenches in the western part of the Pacific Ocean. P. L. Bezrukov, V. P. Petelin Trudy Okean. kom. 10 no. 3 66-69 '62.

PACIFIC OCEAN—GEOPHYSICAL RESEARCH

Work of the nonmagnetic vessel "Zaria" in the Pacific Ocean. M. M. Ivanov. Okeanologiia 1 no. 5:920-922 '61

PACIFIC OCEAN—HYDROMETEOROLOGICAL RESEARCH

Studying the variability of oceanic and atmospheric conditions K. M. Sirotov. Okeanologiia 1 no. 5 922-924 '61.

PACIFIC OCEAN—METEOROLOGY, MARITIME

Preliminary results of aerological observations in the Pacific Ocean on the research ships "A. I. Voeikov" and "IU. M. Shokal'skii." O. K. Il'inskii. Meteor. i gidrol. no. 3:9-13 Mr '62.

PACIFIC OCEAN—OCEANOGRAPHY

Zhuze, A. P. [Stratigraphic and paleogeographic studies in the northwestern part of the Pacific Ocean] Stratigraficheskie i paleogeograficheskie issledovaniia v severo-zapadnoi chasti Tikhogo okeana. Moskva, Izd-vo Akad. nauk SSSR, 1962. 257 p. [With Summary in English]

PACIFIC OCEAN—SOCKEYE SALMON

Comparative characteristics of the age and growth of sockeye salmon (Onchorhynchus nerka (Walb)) from Lake Kurile, Kamchatka, and Bristol Bay in Alaska O. A. Matisen Vop. ikht. 2 no. 1:42-54 '62

PACIFIC OCEAN—SUBMARINE TOPOGRAPHY

Recent data on the configuration of deep-sea trenches in the western part of the Pacific Ocean. G. B. Udintsev. Trudy Okean. kom. 10 no. 3:45-65 '62.

PACIFIC OCEAN—WORLD WAR, 1939-1945

Sevost'ianov, G. N. [Preparation for war in the Pacific Ocean, September 1939-December 1941] Podgotovka voiny na Tikhom okeane, sentiabr' 1939 g.-dekabr' 1941 g. Moskva, Izd-vo Akad. nauk SSSR, 1962. 590 p.

PACKED TOWERS

Resistance of packed rectifying columns. V. V. Kafarov, V. S. Muravlev, B. G. Lukianov. Izv. vyss. ucheb. zav., Khim. i khim. tekh. 4 no. 6 1026-1029 '61.

PAEGLE, LEONS, 1890-1926

[Places of residence and work of Leons Paegle] Leona Paegles dzives un darba vietas Latvija. Riga, Latvijas Valsts izdevnieciba, 1961. 94 p. [In Latvian]

[Reminiscences about Leons Paegle] Atminas par Leonu Paegli. Riga, Latvijas Valsts izdevnieciba, 1961. 225 p. [In Latvian]

PAIN

Functional changes in the human peripheral motor apparatus in the pain syndrome [with summary in English]. L. N. Pankova. Biul. eksp. biol. i med. 53 no. 2 58-63 F '62.

PAINT

Practice of the complex brigades of the State Design and Planning Scientific Research Institute No. 4. Lakokras. mat. i ikh prim. no. 5 1-2 '61.

Rheologic and thixotropic properties of the dispersion of alkyd resins modified by polyamid resins. A. A. Trapeznikov, I. G. Shalopalkina, T. A. Amfiteatrova. Lakokras. mat. i ikh prim. no. 5;3-10 '61.

Use of "thermal paints" for measuring the temperature of machine parts. E. B. Plotkin, E. I. Molchanov. Zav. lab. 28 no. 2 203-205 '62.

PAINT MACHINERY

Measuring volume resistivity of paint materials used in an electric field. S. P. Nosov, V. I. Durrendorf, E. N. Vladychina. Lakokras. mat. i ikh prim. no. 5 54-57 '61.

New design of a bubbler oxidizer. P. G. Volkov. Lakokras. mat. i ikh prim. no. 5 81-82 '61.

Relation between the mixers and the heat exchange in a reactor with welded semitubes. B. I. Livshits, V. O. Fogel'. Lakokras. mat. i ikh prim. no. 5;70-71 '61.

PAINT MATERIALS

Anticorrosive primings and their application. M. M. Gol'dberg. Lakokras. mat. i ikh prim. no. 6 45-49 '61.

Bogdanov, P. F., and E. S. Zhgun. [Preparation of paint materials in centralized workshops] Zagotovka maliarnykh sostavov v tsentralizovannykh masterskikh. Leningrad, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 168 p. (Serila posobii dlia nachinaiushchikh rabochikh)

Classification of lacquers and paints. M. L. Livshits. Lakokras. mat. i ikh prim. no. 6 78-80 '61.

Lacquers and paints from modified epoxy resins. Report No. 1. Preparation of epoxy esters from epoxy resins and fatty acids of vegetable oils. V. V. Zhebrovskii, Kh. M. Livshits, L. I. Shenderovich. Lakokras. mat. i ikh prim. no. 5,11 6 '61.

Measuring volume resistivity of paint materials used in an electric field. S. P. Nosov, V. I. Durrendorf, E. N. Vladychina. Lakokras. mat. i ikh prim. no. 5 51-57 '61.

Paints pigmented with highly dispersed metallic zinc of lamellar structure (from "Farbe u. Lack," no. 4, 1961). B. M. Dubrova. Lakokras. mat. i ikh prim. no. 6-87 '61.

PAINT MIXING

New type of emulsifier. I. Sverdlov. Stroi. i arkhit. 9 no. 11 35 N '61.

PAINT SPRAYING see Spray painting

PAINTERS, UKRAINIAN

A drop of sunshine. Roman Tereshchenko. Ukraina no. 2;24 Ja '62.

PAINTERS, WHITE RUSSIAN

Exhibition of V. Tsikhanovich's works. H. Aliaksandrau. Belarus' 19 no. 3-22 Mr '62.

PAINTING

Akademiia nauk SSSR. Institut istorii iskusstv. [Yearbook, 1960, architecture and painting] Ezhegodnik, 1960, arkhitektura i zhivopis. Moskva, Izd-vo Akad. nauk SSSR, 1961. 387 p.

Let's intensify the propagation of pictorial art. N. Malakhov. Kommunist 39 no. 7 125-128 My '62.

Nedoshivin, G. A. [Discussions about painting. Translated by D. Ergle] Parrunas par gleznieciibu. Riga, Latvijas Valsts izdevnieciba, 1961. 83 p. illus. [In Latvian]

PAINTING—EQUIPMENT AND SUPPLIES

Outfit for flow coat painting with subsequent exposure in vapors of a solvent. V. A. Vavilov and others. Lakokras. mat. i ikh. prim. no. 6 67-70 '61.

PAINTING—TECHNIQUE

Medieval treatise on painting. A. Kazlev. Iskusstvo 25 no. 2;66-69 '62.

PAINTING, INDUSTRIAL
(see also subdivision under France)

Flame cleaning of bridges in painting. E. Ch. Grinevichius. Put' i put. khoz. 6 no. 3 11 Mr '62.

Painting wooden objects in a high-voltage electrostatic field. Stroi. mat. 8 no. 2 40 F '62.

PAINTING, INDUSTRIAL—EQUIPMENT AND SUPPLIES

Advanced method for painting and drying metal containers in lacquer and paint factories. R. M. Akchurina, N. K. Chepenko. Lakokras. mat. i ikh prim. no. 6 64-66 '61.

Improved painting equipment and methods, review of foreign literature. Z. B. Vetukhnovskii, G. N. Danilchio, Z. V. Rakhlina. Lakokras. mat. i ikh prim. no. 6 81-86 '61.

Semiautomatic apparatus for painting in an electric field and for drying painted articles with thermal radiation. V. N. Chertetsov, B. A. Mel'nikov. Lakokras. mat. i ikh. prim. no. 6 71-72 '61.

PAINTING, LATVIAN

[Soviet Latvian painting] Latviesu Padomju gleznieciba. Riga, 1961. xli p. illus.

PAINTING, LITHUANIAN

[Soviet Lithuanian art, painting] Lietuviu tarybine daile, tapyba. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 33 p. illus.

PAINTINGS, RUSSIAN

"Boiarynia Morozova." A. Varshavskii. Znan. sila 37 no. 2 34-37 F '62.

PAKISTAN—FOREIGN RELATIONS—UNITED STATES

Mukimdzhanova, R. M. [The U. S. policy in Pakistan, 1947-1960] Politika SShA v Pakistane, 1947-1960. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 222 p.

PAKISTAN—PETROLEUM INDUSTRY

Foreign oil monopolies in Pakistan [with English summary in appendix]. Iu. Fishov. Vnesh. torg. 42 no. 3 24-29 '62.

PALEOBOTANY
(see also subdivision under Aldan Plateau, Franz Josef Land; Kama Valley; Kazakhstan; Soviet Far East)

Find of a fossil species of the genus Engelhardtia in Oligocene deposits of Azerbaijan. G. M. Kasumova. Dokl. AN Azerb. SSR 18 no. 1 31-33 '62.

PALEOBOTANY, STRATIGRAPHIC see subdivision under Aral Sea region; Bureya Valley; Tutayev region, Ural Mountains, Yasachnaya Valley

PALEOGEOGRAPHY see subdivision under Morocco; Transcaucasia, Volga Valley

PALEONTOLOGY
(see also subdivision under Europe, Kazakhstan)

Akademiia nauk SSSR. Komi filial, Syktyvkar. [Collection of works on geology and paleontology] Sbornik trudov po geologii i paleontologii. Syktyvkar, 1960. 402 p.

Foreign paleontologists who visited the U. S. S. R. in 1961. P. K. Chudinov. Paleont. zhur. no. 1 173-174 '62.

Paleontological problems in the light of the decisions of the CPSU. Iu. A. Orlov. Paleont. zhur. no. 1 3-7 '62.

PALEONTOLOGY—COLLECTING OF SPECIMENS

Regulations for making paleontological collections. V. P. Nekhoroshev. Inform. sbor. VSEGEI no. 10;137-142 '59.

PALEONTOLOGY, STRATIGRAPHIC see subdivision under Akhaltsikhe region; Caucasus, Northern; Georgia, Gomel' Province, Rozdol region

PALLADIUM ALLOYS—ELECTRIC PROPERTIES

Anomaly of electric resistance and K-state formation in systems palladium - tungsten, and palladium - molybdenum. V. S. Mes'kin, R. I. Sergienko, L. A. Popova. Fiz. met. i metalloved. 13 no. 1 126-131 Ja '62.

PALLADIUM-NICKEL ALLOYS see Nickel-palladium alloys

PALYGORSKITE see subdivision under Turkmenistan

PALYNOLOGY
(see also subdivision under Verkhoyansk Range)

Methods for the isolation of spores and pollens from oils and oil-field waters. S. V. Artamonova, A. M. Medvedeva. Paleont. zhur. no. 1 157-158 '62.

Spore-pollen analysis of petroleums. P. I. Motovilov. Trudy VNIGRI no. 186 370-374 '61.

PAMIR-ALAY—GLACIAL EPOCH

Some debatable questions of the ancient glaciation of Pamir-Alay. A. A. Akhrapov. Izv. AN SSSR, Ser. geog. no. 2;78-81 Mr-Ap '62.

PAMIR-ALAY—MORAINES

Some debatable questions of the ancient glaciation of Pamir-Alay. A. A. Akhrapov. Izv. AN SSSR, Ser. geog. no. 2;78-81 Mr-Ap '62.

PAMIRS—AGRICULTURE

Results of bringing alpine regions of Pamirs under cultivation and biological foundations for the improvement of feed supply. I. A. Ratkova. Trudy TashGU no. 187;175-192 '61.

PAMIRS—BIRDS AS CARRIERS OF DISEASE

Synanthropic and parasite-carrying [illegible] birds of Pamirs. R. N. Mekhtibaeva. [illegible] no. 181-280-291 '61.

PAMIRS—MALARIA

Results of studying the epidemiology of malaria [illegible] Pamirs in 1952-1953. III. Pechin. Sbor. rab. [illegible] gel'min. no. 2 57-69 '59.

Topographical and malariological characteristics [illegible] western Pamirs. A. IA. Lyshchenko and others. Sbor. rab. po mal. i gel'min. no. 2 71-79 '59.

PAMIRS—MOSQUITOES

Data on the ecology of Anopheles superpictus [illegible] Pyandzh Valley in the western Pamirs. V. V. Vlasov. Sbor. rab. po mal. i gel'min. no. [illegible] 99 '59.

PAMIRS—PLAGIOCLASE

A. I. Pronkurko's article "Ravemo and Manebach [illegible] the twinning of plagioclases in igneous rocks of [illegible] Pamirs" [illegible] A. Vardaniants. Zap. [illegible] 91 no. 1,123-124 '62.

PAMIRS—SOILS—MICROBIOLOGY

Thermophilic actinomycetes in the soils of the [illegible] and their antagonistic properties [with summary in English]. N. S. Agre, V. K. Orlenenkii. Mikrobiologiia [illegible] no. 1 95-102 Ja-F '62.

PAMVA BERYNDA, d. 1632

Akademiia nauk URSR. Institut movoznavstva. ["Leksikon slavenorossk" by Pamva Berynda] Leksykon slovenorosskyi Pamvy Beryndy. [illegible] tekstu i ustupna stattia V. V. Nimchuka. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 271 p. (Pam'iatky [illegible] movy XVII st. Serila naukovoi lit-ry [illegible])

PANCREAS

Changes in the pancreas and spleen in [illegible] [with summary in English]. I. N. Popova. Vrach. delo 64-70 '61.

Insulin secretion by the pancreas of [illegible] [with summary in English]. I. G. [illegible], L. I. Chilingarian. Biul. eksp. biol. i med. [illegible] 24-27 Jl '61.

PANCREAS—CANCER

Effectiveness of splenoportography in [illegible] tomas of cancer of the stomach and pancreas [with summary in English]. L. I. Kraitser and others. [illegible] no. 9,45-49 '61.

PANCREAS—DISEASES

Acute pancreatitis as a complication after [illegible] the stomach. V. A. Zakharov. Vest. khir. [illegible] 107 '62.

Biliary peritonitis in acute cholecystopancreatitis [illegible] out perforation of the bile ducts. V. N. Dogadina, Khirurgiia no. 3;110-111 '62.

Diagnosis and treatment of acute cholecystopancreatitis [with summary in English]. P. V. Kravchenko, [illegible] Volkov. Khirurgiia no. 3;3-7 '62.

Diagnosis and treatment of acute pancreatitis [illegible] of a provincial hospital) [with summary in English] N. G. Bunov. Vest. khir. no. 3;56-61 '62.

Early relaparotomies in acute pancreatitis [with summary in English]. R. S. Shpizel'. Sov. med. 60-62 F '62.

Pathogenetic significance of the formation of [illegible] cyst in acute pancreatitis. A. G. Sharafov. [illegible] no. 3,33-35 '62.

Role of a vagosympathetic block in pancreatitis. [illegible] Bratusev. Sov. med. 25 no. 2 57-60 '62.

Torsion of the stomach, spleen and tail of the [illegible]. N. G. Zuev. Khirurgiia no. 3;118-119 '62.

PANCREAS—SECRETIONS

Effect of lagochilus tincture on the secretion of the pancreas in dogs. M. K. Rakhimova. Med. zhur. no. 4;52-54 Ap '60.

Effect of transfusion of heterogenic blood on the [illegible] of the endocrine portion of the pancreas. V. [illegible] R. M. Giants. Pat. fiziol. i eksp. terap. 6 [illegible] Ja-F '62.

Exocrine function of the pancreas under different [illegible] regimens [with summary in English]. I. N. [illegible] Vrach. delo no. 2 19-25 F '62.

Secretory function of the pancreas in radiation [illegible] [with summary in English]. K. V. Smirnov, M. F. [illegible] rin. Pat. fiziol. i eksp. terap. 6 no. 1;73 '62. Ja-F '62.

PANCREAS—SURGERY

Late results of a work capacity after pancreatic [illegible] resection for tumors of the periampullar region [illegible] Kasatkin. Khirurgiia no. 3;40-43 '62.

Some details of the technic for applying a pancreatic-intestinal anastomosis in resection of the pancreas [with summary in English]. V. I. Kochinashvili, [illegible] Kozina. Khirurgiia no. 3;28-33 '62.

Surgery for cysts of the pancreas. A. A. Dikova. Nov. med. zhur. no. 1;26-28 Ja-F '62.

PANCREAS—TUMORS

Case of adenoma of the pancreas with psychic disorders [with summary in French] A.I. Kuznetsov Zhur. nevr. i psikh. 59 no. 3 109-111 '62

Hormone-producing tumors of the pancreas. V.I. Korshev. Khirurgiia no. 3 25-27 '62.

PANCREAS—WOUNDS AND INJURIES

Combined subcutaneous injuries of the pancreas and organs of the abdominal cavity. I.K. Karaev, T.M. Kurliev, I.Yu. Ibadov Khirurgiia no. 3 36-40 '62.

PANCREATIC CYSTS

Case of multilocular cyst of the pancreas A.A. Gotlib. Khirurgiia no. 117-118 '62

Pathogenetic significance of the formation of a pseudocyst in acute pancreatitis. A.G. Shaiafeev Khirurgiia no. 4 33-35 '62.

PANCREATIN

Production of an enzyme preparation proteolytin F.I. Golubev. Med. prom. 16 no. 1 18-20 Ja '62.

PANGAMIC ACID

Mechanism of the effect of vitamin B_{15} (pangamic acid). Iu. F. Udalov Dokl. AN SSSR 143 no. 4:734-736 Mr '62.

PANSHIR DISTRICT—HISTORY

"The struggle against the Japanese occupants in the Panshih District of Kirin Province during the years 1931-1935; a review of studies." Reviewed by V.I. Kudrin Sovr. kit. lit. po obshchestv. naukam no. 45:48-52 '61.

PANTOTHENIC ACID

Results of the experimental and clinical study of pantomycin [with summary in English]. E.N. Lazareva and others. Antibiotiki 6 no. 11 959-963 N '61

PANYSHEV, AVENIR NIKOLAEVICH

A glorious anniversary. A. Arkhipov. Sel'. mekh. no. 3 28 '62.

PAPAVERINE

Effect of papaverine on some processes of carbohydrate-phosphorus metabolism in myocardial tissue [with summary in English]. I.P. Chetverikova. Vop. med. khim. 7 no. 4:372-380 Jl-Ag '61.

Mechanism of the effect of papaverine on the coronary circulation [with summary in English]. I.P. Kisin. Biul. eksp. biol. med. 53 no. 1:69-73 Ja '62.

PAPER

Decorative paper as an effective material for coating and finishing various surfaces E.IA. Pechko. Bum. prom. 37 no. 3:19-20 Mr '62.

New device for determining the degree of sizing for paper N.P. Zotova-Spanovskaia, T.M. Vasil'eva, V.M. Naida. Bum. prom. 37 no. 3:28-29 Mr '62.

Sheet paper to be cut at the printing houses. O.G. Ioffe. Bum. prom. 37 no. 3 10 Mr '62.

Where and when paper appeared Nauka i zhyttia 11 no. 2, 34 F '62

PAPER—BIBLIOGRAPHY see Bibliography—Paper

PAPER—DRYING

Some irreversible phenomena taking place during the drying of paper and woodpulp D.M. Filate, I.IU. Levdik Bum. prom. 37 no. 3:14-16 Mr '62.

PAPER CHROMATOGRAPHY

Automatic recording and integrating densitometer for paper chromatography [with summary in English]. M.B. Khalameizer. Prikl. biokhim. i mikrobiol. 1 no. 1:120-126 '62

Paper chromatography of antibiotic substances produced by a Schizotrypanum cruzi culture [with summary in English]. I.N. Pozmogova. Antibiotiki 7 no. 4:321-323 Ap '62.

Separation of nicotinic alkaloids and determination of their amount by paper chromatography. E.S. Avanesbian. Izv. AN Arm. SSR. Biol. nauki 15 no. 2, 89-93 '62.

PAPER ELECTROPHORESIS

Electrophoretic examination of blood serum proteins in hypertension N.L. Aslanian. Vrach. delo no. 2 46-49 F '62

Staining of blood lipoproteins separated by means of paper electrophoresis [with summary in English]. A.G. Terogulov, V.F. Bogoiavlenskii Vop. med. khim. 7 no. 6 639-642 N-D '61

PAPER HANGING

Akademiia stroitel'stva i arkhitektury SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. [Painting, paper hanging, and glazing] Malliarnyo, obolnyo i stekol'nyo raboty. Izd. 2., ispr. i dop. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 318 p.

PAPER INDUSTRY

(see also subdivision under Cuba; Karelia)

Efforts of the Scientific and Technical Society toward the solution of current technological problems. Bum. prom. 37 no. 3:1-4 Mr '62.

Taking into account the local resources of raw materials in planning the expansion of woodpulp and paper mills D.G. Shnyrikov Bum. prom. 37 no. 3 9-10 Mr '62

PAPER INDUSTRY—EQUIPMENT AND SUPPLIES

Modern equipment for the woodpulp and paper industry M.F. Shevchenko Bum. prom. 37 no. 3:7-8 Mr '62

PAPERMAKING MACHINERY

(see also subdivision under Kondopoga; Svetogorsk)

[Equipment and technology of the printing industry] Ref. zhur. Otd. vyp. 37 Obor. i tekh. poligr. proizv. nos. 1-6 Ja-Mi '62.

From the pages of foreign journals. Bum. prom. 37 no. 3:32 Mr '62.

Mastering the modernized and reinstalled papermaking machines S.B. Gurevich Bum. prom. 37 no. 3 2-3 of insert Mr '62

PAPIOANNOV, ESEKIAS, 1908-

People and events. Nov. vrem. 20 no. 11 20, 28 Ap '62.

PAPPATACI FEVER see subdivision under Karshi

PARABOLA

Approximate solution of a nonlinear problem of the parabolic type G.M. Shaidukov. Izv. vys. ucheb. zav. ;mat. no. 6:132-141 '61

Liouville theorems for parabolic systems in the sense of G.E. Shilov, C.D. Eidel'man, C.D. Ivasishen, F.O. Porper. Izv. vys. ucheb. zav. ;mat no. 6:169-179 '61

PARACHUTE TROOPS

(see also subdivision under Poland)

Master of the silken cupola V. Suvorov. Starsh. -serzh. no. 12:22-23 D '61

Until we meet on the ground! A. Fedotov. Sov. voin. 43 no. 23:34-35 D '01.

PARAFFINS

Improved methods for producing α,ω-dinitroalkanes. L.V. Okhlobystina, A.A. Fainzil'berg, S.S. Novikov Izv. AN SSSR Otd. khim. nauk no. 3 517-518 Mr '62

Molybdenum-tungsten catalysts in the reaction of chlorination of paraffin hydrocarbons. S.D. Mekhtiev, A.E. Kalaushin. Azerb. neft. khoz. 40 no. 10 37-39 O '61.

PARALLELS (GEOMETRY)

Parallel straight lines A.F. Semenovich. Mat. v shkole no. 2, 41-44 Mr-Ap '62.

PARALYSIS

Experimental paralyses caused by electric injury to the sciatic nerve. R.R. Safrazbekian Izv. AN Arm. SSR Biol. nauki 15 no. 2 81-87 '62.

PARALYSIS, FACIAL

Treatment by acupuncture of peripheral paralysis of the facial nerve. IA.K. Kashmel'. Zhur. Bel. 8 no. 1 57-58 Ja '62.

PARALYSIS, INFANTILE see Poliomyelitis

PARALYSIS AGITANS

Malignant exophthalmos in Parkinsonism and syringomyelia [with summary in French] D.R. Shtul'man. Zhur. nevr. i psikh. 62 no. 3:367-373 '62

PARAMAGNETIC RESONANCE AND RELAXATION

Characteristics of the spectra of electronic paramagnetic resonance of synthetic polypeptide films and proteins. M.K. Pulatova, V.N. Rogulenkova, L.P. Kaiushin. Biofizika 6 no. 5:548-555 '61.

Electronic paramagnetic resonance spectra of polystyrene radicals. I.S. Milevskaia, M.V. Vol'kenshtein. Opt. i spektr. 12 no. 3:381-386 Mr '62.

Electronic paramagnetic resonance spectrum of the cyclopentyl radical. G.M. Zhidomirov, N.N. Bubnov. Opt. i spectr. 12 no. 3:445-446 Mr '62.

Nature of widening of superfine components in electron paramagnetic resonance spectra of paramagnetic solutions B.M. Kozyrev, A.I. Rivkind. Zhur. strukt. khim. 3 no. 1:95 Ja-F '62

Spin-lattice relaxation and cross-relaxation interactions in chromium corundum. A.A. Manenkov, A.M. Prokhorov. Zhur. eksp. i teor. fiz. 42 no. 1:75-83 Ja '62

Spin-lattice relaxation time for the Ti^{3+} ion in corundum [with summary in English]. L.S. Kornienko, P.P. Pashinin, A.M. Prokhorov. Zhur. eksp. i teor. fiz. 42 no. 1:65-66 Ja '62.

PARAMETRIC AMPLIFIERS

Belousov, A.P. [Parametric amplifiers with diode condensers] Parametricheskie usiliteli s diodnym kondensatorom. Moskva, Gos. nauchno-tekhn. izd-vo Oborongiz, 1961. 162 p. (Moscow, Aviatsionnyi institut. Trudy, no. 141)

PARASITES—BATS

Ectoparasites of bats in White Russia I.T. Arzamasov, A.N. Kurskov. Dokl. AN BSSR 6 no. 3:202-203 Mr '62.

PARASITES—BIRDS

New forms of trematodes in birds. V.K. Makarenko. Uch. zap. GGPI no. 27, 183-190 '60.

Toxoplasmosis in wild birds of the U.S.S.R. A.K. Iygiate, V.M. Gusev. Dokl. AN SSSR 143 no. 2:491-492 Mr '62.

PARASITES—CARP

The new genus and species Breviscolex orientalis (Caryophyllaeidae, Cestodes) from fishes of the Amur Basin O.P. Kulakovskaia Dokl. AN SSSR 143 no. 4 1001-1004 Ap '62

PARASITES—DOMESTIC ANIMALS

Agrinskii, N.I. [Insects, ticks, and mites, injurious to farm animals] Nasekomye i kleshchi, vredliashchie sel'skokhoziaistvennym zhivotnym. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1962 287 p. (DA)

Akademiia nauk URSR, Kiev. Instytut zoologii. [Methods of studying a parasitological situation and the control of parasites of domestic animals] Metody izucheniia parazitologicheskoi situatsii i bor'ba s parazitozami sel'skokhoziaistvennykh zhivotnykh 2 dop. i perer. izd. Kiev, 1961 349 p (DA)

PARASITES—FISHES see subdivision under Astrakhan Preserve

PARASITES—GECKOS

New species of Nematoda found in geckos of Central Asia G.S. Markov, O.P. Bogdanov. Izv. AN Turk. SSR. Ser. biol. nauk no. 1 73-77 '62

PARASITES—HEDGEHOGS see subdivision under Barsa-Kel'mes, Island

PARASITES—HERONS

Helminths of herons. V.A. Leonov. Uch. zap. GGPI no. 27:29-37 '60

PARASITES—HERRING-GULL see subdivision under Black Sea Preserve

PARASITES—INSECTS

Lissonota superba Schmiedekn., parasite of the tamarisk moth (Amblypalpis tamarialla) in the southeastern Kyzyl Kum. TS.G. Bronshtein. Trudy UzGU no. 110-125-131 '61

Tachinid fly Pexopsis capitata Mesnil (Diptera, Larvaevoridae), a parasite of the Far Eastern June beetle Holotrichia diomphalia Bates (Coleoptera, Scarabaeidae) [with summary in English] K.B. Borisova. Ent. obozr. 40 no. 3, 581-594 '61

PARASITES—MUSKRATS

Helminthologic characteristics of muskrat. L.S. Shaldybin. Uch. zap. GGPI no. 27 97-101 '60

PARASITES—RODENTIA see subdivision under Black Sea Preserve, Caucasus Preserve; Gorkiy Province, Ivanovo Province

PARASITES—SPIDERS

Spider Olios sericeus (Croneb.) and its parasitoid Pseudagenia rufiventris Rad [with summary in English]. V.I. Sychevskaia. Zool. zhur. 41 no. 3 364-371 Mi '62.

PARASITES—SULTANA BIRD

New trematode from the sultana bird (Porphyrio porphyrio L.) in Azerbaijan. N.A. Feizullaev. Dokl. AN Azerb. SSR 17 no. 9 829-831 '61

PARASITOLOGY

"General problems of parasitology and zoology" by E.N. Pavlovskii. Reviewed by M.S. Gilarov. Zool. zhur. 41 no. 3:468-471 Mr '62.

Konferentsiia po prirodnoi ochagovosti boleznei i voprosam parazitologii Kazakhstana i respublik Srednei Azii. 4th, Alma-Ata, 1959. [Natural focus of diseases and problems of parasitology] Prirodnaia ochagovost' boleznei i voprosy parazitologii; trudy. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR.
No. 3, 1961. 668 p.
(DNLM)

PARASYMPATHOLYTICS

Hyperkinesis of central origin caused by tetridine and its inhibition with choline-sensitizing substances [with summary in English]. N.V. Uskova. Biul. eksp. biol. i med. 52 no. 7, 73-75 Jl '61

PARASYMPATHOMIMETICS

Use of armin for stimulating labor activity. E.A. Beliaeva, A.L. Chaikovskaia. Kaz. med. zhur. no. 1:58-60 Ja-F '62.

PARATHION

Using mixtures containing parathion on citrus plantations [with summary in English]. G.V. Gegenava. Subtrop. kul't. no. 4:71-75 '61.

PARATYPHOID FEVER

Cause of the spring and summer elevation in the morbidity of typhoid-paratyphoid diseases [with summary in English]. E.P. Klimenko. Zhur. mikrobiol. epid. i immun. 33 no. 1:53-57 Ja '62.

"Essays on the epidemiology and clinical aspects of paratyphoid B fever" by S.D. Shapiro, I.S. Zhdanov and L.R. Chapovskaia. Reviewed by M.A. Zeitlenok. Zhur. mikrobiol., epid. i immun. 33 no. 1 131-132 Ja '62.

Immunological changes in children vaccinated with a dry alcoholic typhoid-paratyphoid B divaccine [with summary in English]. I.L. Kovalevskaia and others. Zhur. mikrobiol., epid. i immun. 33 no. 1 46-50 Ja '62.

PARATYPHOID FEVER (Continued)

Shapiro, S. E., and A. K. Piotrovich. [Antibiotic therapy with levomycetin and synthomycin in typhoid and paratyphoid fever] Antibiotikoterapiia levomitsetinom i sintomitsinom brushnogo tifa i paratifov. Pod red. K. V. Bunina. Moskva, Medgiz, 1962. 193 p. (DNLM)

PARENT AND CHILD

For you, women! V mire knig 2 no 3 47-48 Mr '62.

Why does Valerik fight? E. A. Sazhina. Doshk. vosp. 35 no 4 117 Ap '62

PARIS—COMMUNE, 1871

Kuniskii, S. D. [Russian society and the Paris Commune; comments in Russia on the Franco-Prussian War and the Paris Commune] Russkoe obshchestvo i Parizhskaia Kommuna, otkliki v Rossii na franko-prusskuiu voinu i Parizhskuiu Kommunu. Moskva, Izd-vo Akad. nauk SSSR, 1962. 173 p.

"Proceedings of the Paris Commune." Vol. 1. Reviewed by L. G. Grinberg. Izv. vys. uchcb. zav., prav. 6 no. 1 186-190 '62

PARIS—COMMUNE, 1871—BIBLIOGRAPHY see Bibliography—Paris—Commune, 1871

PARKINSON'S DISEASE see Paralysis agitans

PARKS

Composition of a park landscape. L. Rubtsov. Arkhit. SSSR no 3,41-45 '62

PAROTITIS see Mumps

PARQUET FLOORS

Let me tell you about a new parquet floor. IU. Egorov. Mest. prom. i khud. promys. 3 no 3 14-15 Mr '62.

Portable machine tools for parquet work. I. P. Bukharova. Mekh. stroi. 19 no. 3 29-30 Mr '62.

PARSLEY

Drobysheva, N. A. [Carrots, parsley, and parsnips] Morkov', petrushka, pasternak. Moskva, Gos. izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 93 p. (DA)

PARSNIPS

Coumarins from Heracleum sibiricum L. D. G. Kolesnikov, N. F. Komissarenko, V. T. Chernobai. Med. prom. 15 no. 6 32-35 Je '61

Drobysheva, N. A. [Carrots, parsley, and parsnips] Morkov', petrushka, pasternak. Moskva, Gos. izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 93 p. (DA)

Furocoumarins in some types of Pastinaca sativa. N. P. Maksiutina, D. G. Kolesnikov. Med. prom. 16 no. 2 11-14 F '62.

PART-TIME FARMING see subdivision under Vyaz'ma

PARTHOGENESIS (ANIMALS)

Origin and biological role of natural parthenogenesis in the polymorphous group of the Caucasian rocky Lizards Lacerta saxicola Eversmann [with summary in English]. I. S. Darevskii. Zool. zhur. 41 no 3 397-406 Mr '62.

PARTHIA—HISTORY

How the tribes of northern Parthia struggled against Macedonian aggression. F. IA. Kos'ko. Vest. drev. ist. no. 1:113-125 '62.

PARTICLE, DYNAMICS OF see Dynamics of a particle

PARTICLE ACCELERATORS

Komarovskii, A. N. [Structural design of accelerators] Stroitel'nye konstruktsii uskoritelei, izd. 2., perer. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 133 p.

PARTICLE TRACK PHOTOGRAPHY see Photography, Particle track

PARTICLES (NUCLEAR PHYSICS)

Automatic instruments for calculating and plotting charged particle paths, survey. G. E. Levin, G. P. Prudkovskii. Prib. i tekh. eksp. 7 no 1 7-19 Ja-F '62

Cudars, Jazeps. [Elementary particles] Elementardaļinas. Rīga, Latvijas PSR Zinatnu akademijas izdevnieciba, 1961. 86 p. [In Latvian]

Orlov, V. I., and V. N. Trostnikov. [Particles which constitute the world] Chastitsy, iz kotorykh sostoit mir. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 141 p.

PASHENNAIA, VERA NIKOLAEVNA, 1887-

"Storm" of Pashennaia. N. Tolchenova. Ogonek 40 no. 10 26-27 Mr '62

PASHKOV, BORIS KLIMENT'EVICH, 1891-

Seventieth birthday of Professor B. K. Pashkov. L. R. Kontsevich. Nar. Azii i Afr. no 1:213-217 '62.

PASLIADOVICH, MAKAR

"Selected works" by Makar Pasliadovich. Reviewed by IA. Hertsovich. Belarus' 19 no 3:20 Mr '62.

PASSERIFORMES

(see also subdivision under Zeravshan Valley)

Cases of atypic reproduction in some representatives of passerines. L. S. Stepanian. Biul. MOIP, Otd. biol. 67 no. 1 119-120 Ja-F '62.

PASTERNAK, BORIS, 1890-1960

"Lyric and epic poems" by Boris Pasternak. Reviewed by A. Sinyavskii. Novyi mir 38 no 3 261-263 Mr '62

PASTEURELLA PESTIS

Effect of plague microbe toxin on blood proteins and the incorporation of methionine-S^{35} into tissue proteins [with summary in English]. I. V. Domaradskii, I. M. Klimova, A. A. Tokareva. Vop. med. khim. 7 no 6:614-619 N-D '61

PASTURES AND MEADOWS

(see also subdivision under Aksu-Dzhabagly Preserve, Buryat-Mongolia, Goryn Valley, Karelia, Kulyab, Maritime District, Armenia, Neman Valley, Tajikistan)

Improving the use of natural grasslands. F. Akishin. Tekhn. sel'khoz. 33 no. 1:110-111 Ja '62.

Nutrient conditions of meadow soils. N. I. Kuznetsov. Trudy KirgNIIZ no. 3,70-88 '60

Regulation of the water regime of river bottom lands in the non-Chernozem belt. P. A. Volkovskii. Nauch. zap. MIIVKH 19:95-133 '57.

Using land for perennial cultivated pastures in the non-Chernozem zone. G. A. Kuznetsov. Vop. geog. no 54 58-74 '61.

PASTURES AND MEADOWS—CONGRESSES

Geobotanic conference on meadow vegetation held at Minsk on February 11-14, 1961. E. A. Kruganova. Bot. zhur. 47 no. 2:291-292 F '62

PATENT LAWS AND LEGISLATION

Answering our readers' questions. Sov. iust. no. 24 28 D '61

Boguslavskii, M. M. [Bourgeois patent law and Soviet legal rules which protect the rights of inventors] Burzhuaznoe patentnoe pravo i sovetskoe izobretatel'skoe pravo. Moskva, TSentr. biuro tekhn. informatsii, 1960. 54 p. (V pomoshch' rabotnikam po izobretatel'stvu i ratsionalizatsii)

"Patent law" by B. S. Antimonov, E. A. Fleishits. Reviewed by I. Mamiofa. Izobr. i rats. no. 2 33 F '62.

PATENTS

[Bulletin on inventions] Biul. izobr. 39 no. 3 F '62.

[Monthly bulletin on inventions] Ezhemesiachnyi biulleten' izobretenii no. 12 D '48, nos. 8, 11 Ag-N '49.

Patent or a copyright certificate? E. Nemirovskii. Nauka i zhizn' 29 no. 1 87-91 Ja '62

PATENTS—CLASSIFICATION

How to use a patent classifier. E. Nemirovskii. Izobr. i rats. no. 2:29 F '62.

PATHOGENIC FUNGI see Fungi, Pathogenic

PATHOLOGICAL HISTOLOGY see Histology, Pathological

PATHOLOGY

Sveikata ir susirgimai. [Health and diseases] Antrasis pataisytas leidimas. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 358 p. [In Lithuanian] (DNLM)

PATON, BORYS IEVHENOVYCH

B. IE. Paton is the new President of the Academy of Sciences of the Ukrainian S. S. R. Ukraina no 6 3 Mr '62.

PATRIOTISM

Unity of socialist patriotism and proletarian internationalism. S. Titarenko. Polit. samoobr. 6 no. 3 17-26 Mr '62.

PAVEMENTS, CONCRETE

Pavement of prestressed concrete. I. E. TSimbarg. Avt. dor. 25 no 3:27-28 Mr '62.

PAVLOGRAD DISTRICT (OMSK PROVINCE)—PUBLIC HEALTH

State of public health in Pavlograd District, Omsk Province, and prospects for its development. A. P. Demchenko. Zdrav. Ros. Feder. 6 no. 1 6-10 Ja '62.

PAVLOV, IVAN PETROVICH, 1849-1936

I. P. Pavlov's opinion on the purposelessness of creating a special institute for the study of the body's reaction to its external environment. IU. A. Shilinis. Zhur. nevr. i psikh. 62 no. 3:477-478 '62.

PAVLOV, PAVEL ANDREEVICH, d.1924

We should immortalize the memory of a hero of the civil war. D. V. Bykov. Ist. SSSR 6 no. 1 235-237 Ja-F '62.

PAVLOVA, OL'GA NIKOLAEVNA, 1895-

Ol'ga Nikolaevna Pavlova; on her 65th birthday and 40 years as a physician, teacher, and communal worker. T. Sh. Alimov. Med. zhur. Uzb. no. 4:74-75 Ap '60.

PAYMENT see subdivision under Nizhneudinsk

PEACE

Meeting with the friends of peace in Japan. K. Antonov-Ovseenko, Zhur. Moskv. Patr. no 12:43-47 D '61

Problems of peace and war in the works of "Russian enlightenerS." V. D. Lazurenko. Sov. gos. i pravo 12 no 4 116-121 Ap '62

PEACE TREATIES see subdivision under Germany

PEACH

(see also subdivision under Armenia)

Effect of low temperature on the metabolism of two-year old shoots of peach. K. A. Kuropetian. Izv. Akad. Arm. SSR. Biol. nauki 14 no. 11:27-38 N '61

PEACH—VARIETIES see subdivision under Volgograd Province

PEAS

(see also subdivision under Belgorod Province)

"Forty-two centners of peas per hectare" by I. Vol-chenko. Reviewed by T. V. Zemledelie 24 no. 5 96 My '62.

Kavun, V. M. [Grow peas; it pays] Vyrashchivaite gorokh-vygodno. Kyiv, Derzh. vyd-vo sil's'kohospodarsh. lit-ry URSR, 1961. 57 p. (Shkola peredovoho dosvidu) (DA)

Pea, a high-yielding crop. G. V. Zadniprianets. Zemledelie 24 no. 2:47-50 F '62.

Possibilities for increasing pea yields. M. S. Ilga. Zemledelie 24 no. 2 49-52 F '62.

PEAS—DISEASES AND PESTS

Work results on ascochyta disease in pea at the Ivanovo Agricultural Experiment and Plant Breeding Station. I. V. Popova. Trudy Vseras. nauch.-issl. inst. zashch. rastenii 1 no. 2 47-54 '61

PEAS—FERTILIZERS AND MANURES

Role of molybdenum in the increase of pea yields. V. I. Martynenko, V. I. Ivanova. Zemledelie 24 no. 2 72-74 F '62.

PEASANT UPRISINGS see subdivision under Azerbaijan; China, Transcaucasia; Ukraine; Ukraine, Western, Voronezh Government

PEASANTRY

(see also subdivision under White Russia)

Against the distortion of the history of Soviet peasantry by bourgeois historians. A. A. Barsov. Ist. SSSR 6 [illegible] 189-210 My-Ap '62.

Predtechenskii, A. V., ed. [Collected documents and materials on the peasant unrest in Russia in 1826-1849] Krest'ianskoe dvizhenie v Rossii v 1826-1849 gg., sbornik dokumentov. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 984 p. (Krest'ianskoe dvizhenie v Rossii v pervoi polovine XX veka)

PEAT

Drying and moistening of small-sized peat [with a summary in English]. G. I. Kuzhman, S. N. Novichkov. Torf. pro. zhur. 6 no. 3:33-38 Mr '62.

Effect of structural characteristics on the deformation of peat. M. A. Piterman. Dokl. AN BSSR 6 no. 3 185-188 Mr '62

Effect of the beatification of peat on its sub-zero thermal decomposition [with summary in English] IU. V. Varankin. Inzh.-fiz. zhur. 5 no. 1 [illegible]

Effectiveness of using peat as fertilizer and litter. I. Tereguloy. Ekon. sel'khoz. 33 no. 1:51-57 [illegible]

PEAT BOGS

(see also subdivision under Igarka region, Latvia, Vladimir Province; White Russia)

Pine plantations on drained peat bogs. G. F. Rundo. Les. khoz. 15 no 1:33-34 Ja '62

PEAT MACHINERY

A combine for peat. L. I. Kuznetskin. Mekh. torf. i no. 3:25-26 Mr '62.

Gorenshtein, A. B., and N. D. Chubarov. [New machinery for winning of milled peat] Novyye mashiny dlia dobychi torfa frezernym sposobom. Moskva, Gos. energ. izd-vo, 1961. 135 p.

Powerful machine for working in peat fields. Izobr. i rats. no. 2:7 F '62.

Testing the connection piece of a hydraulic excavator with a damper tube. T. E. Alekseenko. Gidr. stroi. 31 no. 1:38-39 Ja '62.

PEAT SOILS

Composition of soil air in peat-bog soils [with summary in English]. M. A. Novikov. Pochvovedenie no 2 81-85 F '62.

Content of air and aeration of humus-peat soils [with summary in English]. B. N. Makarov. Pochvovedenie no. 2 87-92 F '62

Microelements in water of the peat soil. V. M. Terent'eva, M. V. Terent'eva. Biul. Inst. biol. AN BSSR no 6 [illegible] 160 '61.

PECAN

Biology of the fertilization of pecan in humide subtropical areas. M. S. Kvaratskheliia. Agrobiologiia no. 1 151-154 Ja-F '62.

PECHORA—MONASTERIES
Behind a monastery wall (to be concluded) E Vishnevskii Sov profsoiuzy 18 no 4 38-40 F '62
Behind a monastery wall E Vishnevskii Sov profsoiuz 18 no 5 35-37 Mr '62

PECHORA BASIN—COAL
Pechora Basin coals as resources of raw materials for coking V. D. Frishberg. Koks i khim no 2 13-15 '62

PECHORA BASIN—COAL MINES AND MINING
Use of a shielded buffer-type gradient probe to study thick coal seams A S. Grinson. Razved i okh neds 27 no 12;51-54 D '61

PECHORA BASIN—FROZEN GROUND
Seasonal variations in the parameters of the upper part of a frozen stratum G N. Anisimenko Geofiz. razved no 5 66-75 '61

PECHORA VALLEY—BRANCHIOPODA, FOSSIL
New phyllopod genus Petschoria of the Lepidocaridae family V S. Zaspelova. Paleont zhur no 1 168-170 '62

PECHORA VALLEY—FORAMINIFERA, FOSSIL
New Late Carboniferous and Early Permian fusulinids in the Timan-Pechora region M V Konovalova Paleont zhur no 1 47-57 '62.

PECHORO-ILYCH PRESERVE—GAME AND GAME BIRDS
"Population dynamics and annual changes in the ecology of game animals in the Pechora taiga" by V P Teplov. Reviewed by P. B. Iurgenson Zool. zhur 10 no 12, 1903-1906 D '61.

PECTIN
Studying the composition and properties of pectin substances in the different stages of flax stalk growth. A. A. Krasivskaia, Izv. vys. ucheb. zav., tekh tekst. prom., no. 1 60-65 '62.

PEDALIACEAE see subdivision under Chu-Di Mountains

PEDIATRIC RADIOLOGY
"Radiation stress and radiation protection in pediatric X-ray diagnosis [in German]" by L. Hartung Reviewed by G. A. Zedgenidze Vest. rent. i rad. 37 no. 1 80-81 Ja-F '62

PEDIATRIC SOCIETIES see subdivision under Vitebsk Province

PEDIATRICS
Characteristics of uropepsin excretion in healthy children in relation to their age [with summary in English]. R. I. Zeits. Vop. okh. mat. i det. 7 no 2 27-31 F '62.
Effectiveness of therapeutic and preventive measures in a general pediatric hospital. S S Sabirov Med. zhur Uzb. no. 1 41-43 Ja '62.
"Medical pediatric attendance." Reviewed by L. N. Khokhlov and R. L. Zanthang Sov zdrav. 21 no 3 88-90 '62
Organization of surgical aid for children during the neonatal period. S. IA. Doletskii Vop okh mat i det. 6 no. 12 3-10 D '61.
Use of preparations of the phenothiazine series in pediatric practice [with summary in English]. A. V Cheburkin. Vop. okh. mat. i det. 7 no. 2 13-16 F '62.

PEDIATRICS—BIBLIOGRAPHY see Bibliography—Pediatrics

PEDIATRICS—STUDY AND TEACHING
Basic principles of organizing pedagogic and educational work in a pediatric hospital [with summary in English]. N G. Zernov. Vop. okh. mat. i det. 7 no 2 78-80 F '62.

PEENING see Shot peening

PEGMATITES
(see also subdivision under Belomorsk region)
Analysis of the density of prospecting holes in prospecting for deposits of rare metal pegmatites V. D Sermeniuk Razved. i okh. nedr 27 no. 10 22-29 O '61.
Selective flotation of pegmatites IA. M. IAkubovskii Obog. iud. 7 no 1;20-21 '62

PEIPING—DESCRIPTION
Lorenz Lang's journey to Peking in 1715-1716 and his diary. T. K. Shafranovskaia. Strany i nar. Vost. no. 2; 168-205 '61.

PEIPING—THEATER
In China. A. Tishkov Teatr 23 no. 3 121-122 Mr '62.

PEKING see Peiping

PELAGIUS
Saint Augustinus, Pelagius and the Orthodoxy. S. Prechrazhenskii. Zhur. Mosk Patr. no. 12;58-61 D '61.

PELTS see Hides and skins

PELVIS—DISEASES
Treatment of acute and suppurative inflammations of the female pelvis minor with tetracycline hydrochloride [with summary in English]. IU. A. Lapin, L. G. Zhirova, A. IA. Veselov. Antibiotiki 7 no. 4 362-366 Ap '62.

PELVIS—INNERVATION
Osmoreceptors of the pelvic extremities [with summary in English]. L. K. Velikanova Biul. eksp. biol. i med 53 no. 1 15-17 Ja '62.

PEMPHIGUS
Functional change in the adrenal cortex in pemphigus M. I. Dubovyi Vest. derm. i ven no 3 26-32 '62
"Pemphigus" by N D Sheklakov Reviewed by M A Rozental Sov med. 25 no 2 154-155 F '62
Sheklakova, N. D. [Pemphigus] Puzyrchatka. Moskva, Medgiz, 1961 162 p. (DNLM)

PENDZHIKENT REGION—GEOLOGICAL SURVEYS
Petrographical and mineralogical work of the Dzhilau Expedition Trudy Len. ob-va est 72 no 1 77 '61

PENDZHIKENT REGION—GEOLOGY, STRUCTURAL
Structural characteristics of the region of the Dzhilau goldwolframium deposit. N V. Kotov Trudy Len. ob-va est. 72 no. 1, 81-87 '61

PENDZHIKENT REGION—GOLD ORES
Mineralogy of the Dzhilau gold-wolframium deposit L. M. Stupkina. Trudy Len. ob-va est 72 no 1 87-90 '61

PENDZHIKENT REGION—METAMORPHISM (GEOLOGY)
Geological and petrographical characteristics of the Dzhilau goldwolframium deposit. G. M Saranchina Trudy Len ob-va est 72 no 1 78-83 '61

PENDZHIKENT REGION—TUNGSTEN ORES
Mineralogy of the Dzhilau gold-wolframium deposit. L. M. Stupkina Trudy Len. ob-va est. 72 no. 1;87-90 '61

PENGUINS
Basic features of the constitution and distribution of auks and penguins A M Sudilovskaia Nauch. dokl. vys. shkoly, biol. nauki no 1 34-37 '62

PENICILLIN
Case of gumma of the eyelid N V. Golubitskaia. Oft. zhur 17 no 1 60-61 '62
Changes produced by penicillin in Bacillus anthracis. Report No. 2. Appearance of coccoid variants [with summary in English]. I. D. Nestor. Antibiotiki 7 no. 4 296-305 Ap '62
Effect of bactericidal factors from suppurative exudate on the sensitivity to penicillin of the microbes found in the infected focus [with summary in English]. V. N Solov'ev, G A Koniaev Antibiotiki 6 no 11 1016-1021 N '61
Effect of biomycin and penicillin on the vital activity of some algae. L. B. Doliva-Dobrovol'skii and others. Biul. MOIP. Otd. biol. 67 no. 1 154-155 Ja-F '62.
Penicillin-produced changes in Bac. anthracis. Report No 1 Attempted production of the L-form bacteria [with summary in English]. I. D Nestor. Antibiotiki 7 no 3 71-75 Mr '62
Use of phenoxymethylpenicillin (penicillin V) in scarlet fever [with summary in English] N. M. Chirekhkina, V. A Makarova, I. N. Vlasova Pediatriia no. 2, 73-76 '62

PENICILLINASE
Formation of penicillinase by Bac. cereus strain No. 569 [with summary in English]. S. M. Chaikovskaia, A. E. Tebiakina, T. G Venkina. Antibiotiki 7 no. 4 318-321 Ap '62.

PENICILLIUM
Study of the respiration of Penicillium chrysogenum [with summary in English] M M Levitov, O. D. IUdina. Antibiotiki 7 no. 3, 25-30 Mr '62.

PENSIONERS
(see also subdivision under Bezhitsa, Tallinn)
Dynamic assistants. Sots. obesp. 23 no 3 8-9 Mr '62
You should not keep aloof A Turanova. Sots. obesp. 23 no 3;50 Mr '62.

PENSIONERS—SOCIETIES, ETC. see subdivision under Moscow

PENSIONS
(see also subdivision under Murmansk; Syzran'; Vologda Province)
Ancillary actions. V. Piskov. Sots. obesp. 23 no. 3 56-59 Mr '62.
Don't transfer them without checking! A. Il'kevich. Sots. obesp. 23 no 3 17 Mr '62.
Kats, R. R., and V. A. Acharkan. [Pensions from cooperative insurance; paragraph by paragraph commentaries] Pensii po kooperativnomu strakhovaniiu, postateinyi kommentarii. Moskva, Vses. koop. izd-vo, 1958. 157 p. (NNC)
Questions and answers. Sots obesp 23 no. 3 59-60 Mr '62.
Testimony of witnesses. S. Aleksandrov. Sots. obesp. 23 no. 3 18-19 Mr '62

PENTENE
Dehydration of primary n. amyl alcohol and isomerization of 1-pentene on aluminosilicate catalysts. L Kh. Freidlin and others Kin i kat. 3 no. 1 114-117 '62

PENTENYNE
Reaction of dichloro- and carbethoxycarbene with 2-methyl-1-penten-3-yne. I. A. D'iakonov, L P Danilkina. Zhur ob. khim 32 no. 3 1008-1009 Mr '62

PENTOBARBITAL
Selectivity in the extinction of the orientation reflex to sound stimuli in dogs during natural and nembutal sleep [with summary in English] M M. Karimova Zhur. vys. nerv. deiat 11 no 6 1065-1073 N-D '61

PENZA PROVINCE—AMATEUR ART ACTIVITIES
Wings of people's initiative F Medvedev. Sov. profsoiuzy 18 no 6 30-31 Mr '62

PENZA PROVINCE—COMMUNITY LIFE
Let's develop community participation Kul't.-pros. rab 23 no 3 2-4 Mr '62.

PEPPER
Effect of cultivation conditions on variations in the varietal characteristics of peppers. M. A. Musaev, A. S. Ragimov, T. M Gvozdenko. Izv. AN Azerb SSR, Ser. biol. i med nauk no 11 47-56 '61.

PEPTIC ULCER
Analysis of the immediate and late results of treatment of perforating ulcers of the stomach and duodenum by the method of suturing and primary resection [with summary in English] A. K Tuaev. Khirurgiia no 3 52-55 '62.
Choosing the bromine dose in peptic ulcer of the stomach and duodenum E. V. Arkhangel'skaia. Kaz. med. zhur no 5 72 5-O '61
Clinical and morphological characteristics of peptic ulcer in chronic cor pulmonale [with summary in English]. I. P. Lerner and others. Viach. delo no 3 30-34 F '62.
Comparative study of the results of a parallel investigation of dermal capillary resistance in peptic ulcer and hypertension. B IA Rashap. Vrach. delo no. 8 137-138 Ag '61
Effect of vitamin B_{12} on the healing of experimental gastric ulcers induced by atophan [with summary in English]. A S Lazaretnik Viach. delo no 3 25-29 F '62
Etiology of an ulcer of the stomach and duodenum. I M Stel'mashonok Zdrav. Bel. 8 no. 1 36-38 Ja '62.
Immediate and late results of different surgical interventions for perforating ulcers of the stomach and duodenum. IU M. Orlenko, M. P. Brusnitsyna, S N Birjukova. Khirurgiia no. 3 47-51 '62.
IUdin, S. S. [Selected works; surgery of peptic ulcer of the stomach and neurohumoral regulation of gastric secretions in man] Izbrannye proizvedeniia, khirurgiia iazvennoi bolezni zheludka i nevro-gumoral'naia regulitsiia zheludochnoi sekretsii u cheloveka. Moskva, Medgiz, 1962. 364 p.
Late results of resection of the stomach in peptic ulcer [with summary in English] B. L. Meerovich Vest. khir no 9, 32-37 '61
Penetration of a peptic ulcer in an anastomosis into the transverse colon. E. M. Muradinov. Kaz. med. zhur. no. 1;60 Ja-F '62.
"Peptic ulcer in young people and its surgical treatment" by M M Levin Reviewed by I L Bregadze. Vrach. delo no. 8 147-148 Ag '61.
Prevention of peptic ulcer. I. M. Funt 8 no. 1-21-22 Ja '62
Preventive treatment of recurrent peptic ulcers and gastritis. M. D Bykhovets. Vrach. delo no. 8 126 Ag '61
Repeated operations for peptic ulcer of the stomach and duodenum [with summary in English] V. S. Shapkin Vest. khir no 9-21-26 '61.
Repeated resection of the stomach in perforating ulcer of the gastrointestinal anastomosis. T. S. Viliamovskii. Vest. khir. no. 3-120-121 '62.
Results of the surgical treatment of peptic ulcer of the stomach and duodenum [with summary in English] M. I. Genkin Vest khir no. 9, 29-32 '61.
Simultaneous perforation of the stomach and duodenum by ulcers. A. G. Bortnikov. Vest. khir no 8 129 '61.
Some characteristics of the course of peptic ulcer in patients after closed cranial trauma. L. I. Konovalov Vrach. delo no. 8 140-141 Ag '61.
Suturing of perforating gastroduodenal ulcers with a chain-like seromuscular suture. N. A. Telkov. Vest. khir no. 9;121-123 '61
Therapeutic treatment of peptic ulcer. A. I. Gurskaia. Zdrav. Bel. 8 no. 1;25-28 Ja '62.

PEPTIDES
Chemistry of depsipeptides M M Shemiakin Usp khim 31 no 3 269-284 Mr '62
Electron microscope study of the supermolecular structure of poly-γ-benzyl-L-glutamate P V. Kozlov and others Dokl. AN SSSR 143 no 4 905-907 Ap '62
Relative reaction rates of peptide synthesis (aminolysis of n-nitrophenyl esters) IU. I. Khurgin, M. G. Dmitrieva. Dokl AN SSSR 143 no. 3;629-632 Mr '62

PEPTIDES—SPECTRA
Characteristics of the spectra of electronic paramagnetic resonance of synthetic polypeptide films and proteins. M. K. Pulatova, V. N. Regulenkova, L. P. Kaiushin. Biofizika 6 no. 5 540-545 '61.

PERCEPTION
Stochastic theory of perception Report No. 1. Perception of elementary images characterized by equal probability of appearance. L. Arana, E. N Sokolov Dokl. APN 5 no. 4-61-63 '61.

PERCEPTION (Continued)
Stochastic theory of perception Report No 2 Perception of elementary images characterized by variable probability of appearance. L. Arana, I. N. Sokolov Dokl. APN S no. 4:55-58 '61.
Study of optimum methods for checking hypotheses in normal and pathological cases. Report No. 1 Tactile recognition of complex images O. K. Tikhomirov Dokl. APN S no. 4:69-72 '61.

PERCH see subdivision under Barents Sea, Don Valley

PERCHLORATES
Enthalpies of formation of some perchlorates S M Skuratov, A F Vorob'ev, N M Privalova Zhur neorg khim 7 no 3 677-679 Mr '62
Water vapor pressure in the system $Mg(ClO_4)_2$ - $HClO_4$ - H_2O L. S. Lutich, R. S. Smirnova, A. I. Okatova Zhur neorg khim 7 no 2 377-378 F '62

PERCHLORIC ACID
Catalytic deacetylation by means of perchloric acid in the carbohydrate series IU. Zhdanov, G. A. Korol'chenko, G. N. Dorofeenko Dokl AN SSSR 143 no 4 852-854 Ap '62.

PERCHLORIC ACID—SPECTRA
Infrared spectra of perchloric acid and its solutions in the region of 3700 - 2300 cm^{-1} [with summary in English] S. A. Shchukarev, S. N. Andreev, T. G. Balicheva Vest LGU 17 no 4 126-134 '62

PERCOLATION
Evaluating the effect of the deviation from Darcy law on the shape of indicator curves E. A. Bondarev, V. N. Nikolaevskii, Izv. AN SSSR. Otd. tekh. nauk Mekh. i mashinostr. no 1 192-194 Ja-F '62.

PEREROSL'—RURAL LIBRARIES
For the benefit of workers. M Boikiv. Sots kul't no 2 33-34 F '62

PEREYASLAV-KHMEL'NITSKIY—MONUMENTS
In honor of a great friendship Stroi i arkhit 9 no 11 2 of cover N '61.

PERICARDITIS
Surgical treatment of adhesive pericarditis A. G. Karavanov. Grud. khir. 2 no. 1:60-63 Ja-F '60.
Ugloy, F. G., and M. A. Samoilova. [Diagnosis and treatment of pericarditis adhesiva] Diagnostika i lechenie slipchivogo perikardita. [Leningrad] Medgiz, 1962. 175 p. (DNLM)

PERICARDIUM—SURGERY
Effect of bilateral ligation of the aa mammariae internae and pericardectomy on the coronary circulation in an experiment M. N. Tebenkov, E. A. Leperskii, O. D. Kuz'minov Grud khir. 3 no 6:48-51 N-D '61
Experimental pericardioabdominostomy [with summary in English] G D. Mysh Grud khir 1 no 4 32-35 Jl-Ag '59

PERICARDIUM—TUMORS
Pericardial cysts and their treatment. R. P. Askerkhanov Grud. khir. 2 no. 3:108-109 My-Je '60

PERICARDIUM—WOUNDS AND INJURIES
Wounds of the heart and of the pericardium. B M. Gershman. Grud. khir. 2 no 3:102-103 My-Je '60.

PERIMETRY
Significance of quantitative perimetry by Harms method in diseases of the optic nerve apparatus of the eye [with summary in English]. IA. I. Przhibyl'skaia Oft. zhur 17 no 1:24-32 '62

PERIODIC FUNCTIONS see Functions, Periodic

PERIODIC LAW
First complete collection of works on the fundamental chemical law. Reviewed by L. L. Potkov Zhur. VKHO 7 no. 1:98-99 '62.
Ionization potentials and the position of elements in the Mendeleev system I N. Maksimova. Zhur. strukt. khim 3 no 1 70-79 Ja-F '62.

PERIODICALS see subdivision under Novosibirsk

PERIODICALS—INDEXES
Index of "Zhurnal Moskovskoi Patriarkhii" for 1961. Zhur. Mosk. Patr no. 12:73-80 D '61.

PERIODICITY
Daily and seasonal oscillations in the biochemical blood indices in the lower monkeys [with summary in English]. IU. P. Butnev. Biul. eksp. biol. i med. 53 no. 1:51-55 Ja '62.
Daily periodicity of mitotic activity of the corneal epithelium in rats and mice during starvation [with summary in English]. O. T. Movchan. Biul eksp. biol. i med 52 no. 7:103-108 Jl '61.

PERITONEOSCOPE
Laparoscopy in diseases of the liver and biliary tract. A. A. Loginov Klin. med no 3:26-28 '62.

PERITONEUM—SURGERY
Prolongation of life in nephrectomized rabbits by means of peritoneal dialysis [with summary in English]. S. M Shenderov Biul. eksp. biol. i med. 53 no. 2 125-127 F '62.

PERITONEUM—WOUNDS AND INJURIES
Nonuniform changes in the electrical activity of the respiratory muscles in experimental injuries of the peritoneum (Problem of segmental reactions of the respiratory muscles) [with summary in English] T. I Gorlunova Biul eksp biol. i med 52 no 11:30-35 N '61

PERITONITIS
Biliary peritonitis in acute cholecystopancreatitis without perforation of the bile ducts. V. N. Logacheva. Khirurgiia no. 3 110-111 '62
Distribution in various organs and tissues of radioactive phosphorus administered intravenously in infectious peritonitis [with summary in English] F. M. Neiko Biul. eksp biol i med 52 no 7 Ja-40 Jl '61
Effect of anticoagulants on absorption from the abdominal cavity during different phases of peritonitis [with summary in English]. S. M. Lutsenko Pat fiziol i eksp. terap 6 no 1,53-55 Ja-F '62.
Effect of the toxic properties of gastric and intestinal contents on the course of perforating peritonitis in an experiment V. V. Fedorov Kaz med zhur no 5: 49-52 S-O '61
Gas exchange, hemodynamics, and respiratory function of the blood in experimental acute diffuse peritonitis and its treatment N K Doronina Vrach delo no 9: 38-45 Ag '61.
Role of the excitability of the interoceptive apparatus of the small intestine in peritonitis in an experiment. I A. Salikhov Kaz med zhur. no 5:52-55 S-O '61
Treatment of newborn infants with peritonitis [with summary in English] M D. Grashchenko Vop okh mat i det 6 no 12 47-51 D '61.

PERIWINKLE see subdivision under Caucasus, Northern

PERLIN, IL'IA LVOVICH
Professor I. L. Perlin has been awarded the title of "honored worker in science and technology." Izv. vys. ucheb. zav., tsvet met. 5 no. 2,156-157 '62.

PERM—STOMATOLOGY
Organizing stomatological services in Perm. M E. Spiridonov Zdrav Ros Feder. 6 no 2 22-23 F '62

PERM PROVINCE—EDUCATION, PRESCHOOL
Perm Province Department of Education at the collegium of the Ministry of Education of the R S F S R L Oplesnina. Doshk vosp 35 no 3 29-31 Mr '62

PERM PROVINCE—ROAD CONSTRUCTION
Adaiukov, I. K., and A. D. Panferov. [Roads built with the help of the people; practice of road construction in Perm Province] Dorogi - metodom narodnoi stroiki, iz opyta stroitel'stva dorog v Permskoi oblasti. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961. 39 p. (V pomoshch' stroitellu sel'skikh dorog)

PERMEABILITY
Rapid method for the qualitative determination of benzene permeability of lacquer-paint coatings on concrete V. M. Pronin'kova, V. V. Shneiderova Lakokras. mat i ikh prim. no. 5:69 '61
PERMIAK, EVGENII ANDREEVICH, 1902-
E. Permiak's books for preschool children. V. D Razova. Doshk vosp 35 no 3 108-110 Mr '62
"Old witch" by Evgenii Permiak Reviewed by Aleksei Griaznov. Sov. profsoiuzy 18 no 6 47-48 Mr '62.

PERMITTIVITY see Dielectric constants

PERONOSPORALES see subdivision under Trans-Ili Ala-Tau

PEROXIDASE
Changes in the peroxidase and catalase activity of plants subjected to infection Z. IA. Serova. Dokl AN BSSR 5 no 10 475-477 O '61
Dynamics of the distribution of catalase and peroxidase activity in potato plants [with summary in English]. H. Kh. Molotkovs'kyi, M. M. Dudzanivs'kyi. Ukr. bot. zhur. 18 no. 6:11-15 '61.

PEROXIDES
Nitrogen-containing peroxide compounds as initiators of vinyl monomer polymerization Part 1 [with summary in English] N. M. Lapshin and others. Vysokom soed 3 no. 12:1794-1799 D '61.
Synthesis of peroxide organoaluminum compounds. G. A. Razuvaev, A. I. Graevskii. Zhur ob. khim. 32 no 3: 1006-1007 Mr '62.
Use of the O^{18} isotope in studying the mechanism of hydroxybenzaldehyde oxidation by peroxides. N. A. Vissotskaia Dokl. AN SSSR 143 no. 4 847-848 Ap '62.

PEROXYACETIC ACID
Oxidation of aromatic amines by trifluoroperacetic acid L. I. Khmel'nitskii, T. S. Novikova, S. S. Novikov. Izv. AN SSSR Otd. khim. nauk no 3,516-517 Mr '62

PERPETUAL MOTION
"Art of turning and twisting with double transmission." L. Grinitev. Nauka i zhizn' 29 no. 2 102-103 F '62.

PERSIA see Iran

PERSONAL BEAUTY see Beauty, Personal

PERSONAL NAMES see Names, Personal

PESCHANOKOPSKOYE DISTRICT—BOOKSELLING AND BOOKSELLING
Concern for readers A Mironenko Sov knizh. torg 11 no 3:17-18 Mr '62.

PESTEL', PAVEL IVANOVICH, 1793-1826
IAkhin, R. Kh. [P. I. Pestel' and his views on the state and law] Gosudarstvenno-pravovye vzgliady P. I Pestelia. [Kazan'] Izd-vo Kazanskogo univ., 1961. 214 p.

PETROGLYPHS see subdivision under Kamennaya Mogila, Mongolia

PETROLEUM
Using photoelectric fluorimetry for the study of the fluorescence of bitumens and petroleums. B N Bilibina Trudy VNIGRI no 186 432-440 '61.

PETROLEUM—ANALYSIS
(see also subdivision under Apsheron Peninsula, Komi A S.S.R.; Turkmenistan)
Methods for the isolation of spores and pollens from oils and oil-field waters S V Artamonova, A M Medvedeva. Paleont zhur no. 1 157-158 '62
Rybak, B. M. [Analysis of petroleum and petroleum products] Analiz nefti i nefteproduktov. Izd. 3., dop. i perer. Moskva, Gostoptekhizdat, 1962. 887 p.

PETROLEUM—PIPELINES
Bondarchuk, A. P., I. I. Klodnitskii, and M. A. Kuliabin. [Automatic control on tank farms and of petroleum product pipelines] Kontrol' i avtomatizatsiia neftebaz i magistral'nykh nefteproduktoprovodov Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961 193 p.
Shaftless apparatus for gate valves. G. A. Ashit, Stroit. truboprov. 7 no 2 31 F '62.

PETROLEUM—REFINING
(see also subdivision under Baku)
Nature of the effect of high-temperature distillation on high-molecular petroleum compounds. S R Sergienko, G. P. Kurbskii. Izv AN Turk. SSR Ser. fiz.-tekhn. khim i geol nauk no. 6 71-87 '61

PETROLEUM—SPECTRA
Fluorescence parameters of petroleums V M Dorfman-skaia, IU. A. Klubov Dokl AN BSSR 5 no 10 [illegible] O '61

PETROLEUM—STORAGE
Bondarchuk, A. P., I. I. Klodnitskii, and M. A. Kuliabin. [Automatic control on tank farms and of petroleum product pipelines] Kontrol' i avtomatizatsiia neftebaz i magistral'nykh nefteproduktoprovodov Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961 193 p.

PETROLEUM AS FUEL
(see also subdivision under Apsheron Peninsula)
After purification of fuel oil water by aeration in the presence of pyrolusite N. F. Shatonova, S. I. Verkhovskaia, O. K. Mamontova Trudy VNIIT no. 10:211-216 '61
Final cleaning of underlying fuel oil water by flotation L. E. Volkov, I. I. Shmidt. Trudy VNIIT no. 10:241-245 '61.
Technological indices of the operation of tunnel furnaces and dryers fueled by mazut L. A. Trub, L. F. Vasilevich, A. P. Danilevskii Stroi. mat 8 no 2,25-27 F '62

PETROLEUM CHEMICALS
Vsesoiuznyi nauchno-issledovatel'skii institut neftekhimicheskikh protsessov. [Economic effectiveness of petrochemical processes] Ekonomicheskaia effektivnost' neftekhimicheskikh protsessov. Leningrad, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 92 p.

PETROLEUM GEOLOGY
(see also subdivision under Apsheron Peninsula, Aravan Valley; Bashkiria; Caspian Lowland, Caucasus, Emba region, Geokchay region, Krasnoiarsk region, Louisiana; Mangyshlak Peninsula; Olenek Valley, Romashkino region; Siazan' region, Siberia; Tigil' District, Yenisey Valley; Zeya-Bureya Plain)
Accumulation of elements of the iron family in petroleums. S. M. Katchenkov. Dokl. AN SSSR 143 no 2: 420-422 Mr '62.
Russia (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. [Geology of the petroleum areas of the U. S. S. R.] Geologiia neftegazonosnykh raionov SSSR. Moskva, Gos. nauchno-tekhn. izd-vo, 1960. 270 p. plates, maps.
Spore-pollen analysis of petroleums. P. I. Motaleva Trudy VNIGRI no 186.370-374 '61.
Zhdanov, M. A. [Geology of oil and gas fields] Neftegazopromyslovaia geologiia. Moskva, Gostoptekhizdat, 1962. 638 p.

PETROLEUM INDUSTRY see subdivision under Azerbaijan; Pakistan

PETROLEUM INDUSTRY—WATER SUPPLY see subdivision under Kululuk Reservoir region

PETROLEUM PRODUCTS
Pilot plant testing of a newly designed reactor for the contact pyrolysis of petroleum products and tars F. S. Bezmorgin, A. G. Nemchenko, IU. D. Ildikevich Trudy VNIIT no. 10 49-58 '61

PETROLEUM PRODUCTS—TESTING
Device for automatic determination of the color of petroleum products in a flow. N. IA. Dpshtein, A. IA. Shapiro, Avtom. i prib no. 1:48-51 Ja-Mr '62.

PETROLEUM REFINERIES see subdivision under Kostovo

PETROLEUM REFINERIES—EQUIPMENT AND SUPPLIES
Dovzhuk, G. T., K. IA. Ivanets, and V. F. Anastas'in. [Equipment for oil and gas refineries and principles of its design] Oborudovanie neftegazoperabatyvaiushchikh zavodov i osnovy ego rascheta. Moskva, Gostoptekhizdat, 1962. 343 p.

PETROLEUM REFINERIES—SAFETY REGULATIONS see subdivision under Ufa

PETROLEUM WORKERS see subdivision under Kum-Dag, Nebit Dag

PETROLEUM WORKERS—DISEASES AND HYGIENE (see also subdivision under Bashkiria)
Changes in the cholinesterase activity of the blood serum of petroleum refinery workers [with summary in English] S. N. Sinitsyn. Gig. truda i prof. zab. 5 no. 6 22-26 Je '61.
Prevention of the injurious effect of noise from centrifugal pumps on the nervous system and hearing in petroleum workers. V. A. Trofimov. Kaz. med. zhur. no. 1:79-81 Ja-F '62.

PETROLOGY
(see also subdivision under Baltic Shield, Bragin region, Georgia, Magian Valley; Sachkhere District, Shing Valley, Timan Ridge)
Effect of the distribution of rare earth elements in rocks on petrochemical factors and its significance for the solution of petrogenetic problems [with summary in English]. E. E. Vainshtein and others Geokhimiia no. 12:1077-1086 '61

PETROLOGY—CONGRESSES
Fifth All-Union Lithological Conference. T. M. Lapteva, T. M. Telinshenko, N. Bekmuradov Izv. AN Turk SSR Ser. fiz.-tekh., khim. i geol. nauk no. 6 119-121 '61.

PETROPAVLOVKA DISTRICT—BANKS AND BANKING
For efficiency in economic work. A. Panasenko. Den. i kred. 20 no. 3:53-56 Mr '62.

PETROPAVLOVKA DISTRICT—COLLECTIVE FARMS—FINANCE
For efficiency in economic work. A. Panasenko. Den. i kred. 20 no. 3 53-56 Mr '62.

PETROPAVLOVSK—LEATHER INDUSTRY—BY-PRODUCTS
Waste of valuable raw materials. F. Kravchenko. Mest. prom. i khud. promys 3 no. 3:31 Mr '62.

PETROZAVODSK—DIPHTHERIA—PREVENTION
Work in lowering diphtheria morbidity in Petrozavodsk. A. G. Chigoleva-Berenshtein, L. I. Kudiakova, A. M. Kheifits. Vest. AMN SSSR 17 no. 2:56-62 '62

PHAGOCYTOSIS
Dynamics of experimental immune spermophagocytosis [with summary in English]. R. Popivanov, V. Kh. Vylchanov Zhur. mikrobiol., epid. i immun. 33 no. 2 68-70 F '62.
Effect of antibiotic and prednisone treatment on the phagocytic activity of the leukocytes in typhoid fever [with summary in English]. A. F. Podlevskii. Antibiotiki 6 no. 11:1009-1012 N '61.
Effect of the ambient temperature on the dynamics of agglutinins, phagocytosis, and the blood picture in an experiment. N. A. Karavanskaia. Gig. truda i prof. zab. 5 no. 6:47-50 Je '61.
Effect of vitamin B_{12} on phagocytosis [with summary in English]. O. V. Bukharin Zhur. mikrobiol., epid. i immun. 33 no. 2:37-41 F '62.
Effectiveness of vaccine therapy in whooping cough with a study of the phagocyte index [with summary in English]. T. D. Onishchenko, M. G. Kobzeva Pediatriia no. 2:39-43 '62
Morphological reactivity of mantle tissues in Mytilus edulis L. I. G. Mikhailova, E. V. Prazdnikov. Trudy MMBI no. 3:125-130 '61.
Phagocytary reactions during the processes of regeneration and somatic embryogenesis in lower coelenterates. B. P. Tokin, F. N. Ericheva. Trudy MMBI no. 3:113-124 '61.
Phagocytic activity of the leucocytes in typhoid fever [with summary in English]. A. F. Podlevskii. Zhur. mikrobiol., epid. i immun. 33 no. 1 57-62 Ja '62.
Study of the phagocytic process in vitro in a bone marrow histiocyte culture [with summary in English]. O. V. Chakhova, S. M. Sobolev. Biul. eksp. biol. i med. 53 no. 1:74-76 Ja '62.
Studying changes in the phagocytic function of leucocytes and the opsonizing effect of bacteriophage in radiation sickness N. V. Gogebashvili. Soob. AN Gruz SSR 27 no. 3:325-332 S '61

PHANEROGAMS
Species of flowering and cryptogamous plants in the Lapland Preserve [with summary in English] T. P. Nekrasova Trudy Lap. gos. zap. no. 4 127-186 '60

PHARMACEUTICAL RESEARCH
New chemical substances S. N. Kremneva, L. A. Timofeevskaia, G. N. Zaeva Gig. truda i prof. zab. 4 no. 2 60-61 F '60
Principal trends in the works of the All-Union Chemicopharmaceutical Research Institute during the period 1920-1957 A. Khaletskii Med. prom. 16 no. 1:60-63 Ja '62

PHARMACOGNOSY
Anatomy and microchemistry of the leaves of Bergenia crassifolia (L.) Fritsch I. N. Karabasheva Trudy Len. khim.-farm. inst. 12 185-190 '61
Chemical investigation of Transbaikalian species of the gentian family V. N. Karpovich Trudy Len. khim.-farm. inst. 12 201-208 '61.
Fucomma bark as a new medicinal raw material. A. A. Dolgova Trudy Len. khim.-farm. inst. 12 33-40 '61
Investigating some cow parsnip species used in popular medicine L. K. Stakhorskaia. Trudy Len. khim.-farm. inst. 12 275-283 '61
Pharmacognosy of some hawthorn species. Report No. 1. S. S. Liashenko. Trudy Len. khim.-farm. inst. 12 41-54 '61
Preliminary chemical evaluation of Transbaikalian plants used in Tibetan medicine V. B. Kuvaev, K. F. Blinova Trudy Len. khim.-farm. inst. 12 213-262 '61.
Qualitative chemical investigation of some Transbaikalian plants used in Tibetan medicine Report No. 1. K. F. Blinova, K. L. Stukkei Trudy Len. khim.-farm. inst. 12 135-155 '61

PHARMACOGNOSY—BIBLIOGRAPHY see Bibliography—Pharmacognosy

PHARMACY—BIBLIOGRAPHY see Bibliography—Pharmacy

PHARYNX—DISEASES
Acute and chronic catarrhs of the pharynx V. I. Amitin. Med. sestra 21 no. 2 3-9 F '62
Anginas in children caused by a yeastlike fungus from the genus Candida [with summary in English] V. S. Kazarin, M. O. Gasparian Sov. med. 25 no. 2 38-42 F '62

PHASE CONVERTERS
Calculation of the parameters of a static number converter during the starting operation of an electric motor. G. A. Vendelovich. Izv. vys. ucheb. zav., elektromekh. 5 no. 2 235-237 '62.
Servo-type phase shifting devices for obtaining a given shift in a frequency band. L. IA. Mizhuk, V. I. Gol'dgefter, D. G. Levchenko. Avtom. kont. i elek. izm. no. 2: 21-34 '60.

PHASE RULE AND EQUILIBRIUM
Application of mass-action law to adsorption equilibrium. S. IU. Elovin, O. G. Larionov Izv. AN SSSR Otd. khim. nauk no. 3 531-533 Mr '62
Calculating the growth rate of the spherical center of a new phase limited by diffusion through the intermediate region. I. P. Gerkusha, B. IA. Liubov. Fiz. met. i metalloved. 13 no. 2:161-165 '62
Constitutional diagram of the system lead - bismuth - magnesium. P. I. Fedorov, V. I. Chuchmev, A. M. Dolgopolova. Izv. vys. uchob. zav., tsvet. met. 5 no. 2: 58-64 '62.
Constitutional diagrams and thermodynamic activity diagrams for alloy components. A. A. Zhukov. Fiz. met. i metalloved. 13 no. 2:280-287 '62.
Equilibrium in the magnesium-rich part of the system magnesium - aluminum - gallium K. A. Bol'shakov, P. I. Fedorov, E. I. Smarina. Zhur. neorg. khim. 7 no. 3:609-614 Mr '62.
Iron - zirconium phase diagram. V. N. Svechnikov, A. TS. Spektor. Dokl. AN SSSR 143 no. 3:613-615 Mr '62
Phase diagram of alloys of the ruthenium - rhenium system. E. M. Savitskii, M. A. Tylkina, V. P. Poliakova. Zhur. neorg. khim. 7 no. 2:439-441 F '62.
Phase diagram of alloys of the titanium - gadolinium system E. M. Savitskii, G. S. Burkhanov. Zhur. neorg. khim. 7 no. 3:699-701 Mr '62.
Phase diagram of the tantalum - nickel system. I. I. Kornilov, E. N. Pylaeva Zhur. neorg. khim. 7 no. 3: 590-595 Mr '62.
Phase diagram of the vanadium - cerium system. E. M. Savitskii, V. V. Baron, IU. V. Efimov. Zhur. neorg. khim. 7 no. 3:701-703 Mr '62.
Phase equilibrium diagram of the niobium - titanium - aluminum system. I. A. Popov, V. I. Rabezova. Zhur. neorg. khim. 7 no. 2:436-439 F '62.
Phase equilibrium in the systems Ge - AlSb and Si - AlSb V. M. Glazov, Liu Chzhen'-iuan'. Zhur. neorg. khim. 7 no. 3:582-589 Mr '62.
Phase stresses during welding. N. N. Prokhorov, V. S. Ignat'eva. Avtom. svar. 15 no. 4:8-14 Ap '62.
Physicochemical analysis of equilibrium of complex formation in solutions A. K. Babko Zhur. neorg. khim. 7 no. 3 454-462 Mr '62
Physicochemical study of phase transformations in alloys of cobalt with manganese A. T. Grigor'ev, E. M. Sokolovskaia, I. L. Bogatyrev Zhur. neorg. khim. 7 no. 2 441-444 F '62
Structure of eutectic cast iron [with summary in English] K. P. Bunin, L. T. Kalmina Nauk. pratsi Inst. lyv. vyrob. AN URSR 9 45-50 '60
Study of phase hardening during $\gamma \rightleftarrows \alpha$ transformations in iron-manganese alloys I. S. Ershova, I. N. Bogachev Fiz. met. i metalloved. 13 no. 2:300-305 '62
Study of the liquid - vapor equilibrium in high-boiling mixtures under pressures distinct from the atmospheric pressure, as exemplified by the cadmium - zinc system D. M. Chizhikov, IU. V. Tsvetkov, V. M. Edel'shtein Dokl. AN SSSR 143 no. 3:655-657 Mr '62
Temperature dependence of the equilibrium of three liquid phases in four-component systems G. S. Rodysheveskaia, N. I. Nikurashina, R. V. Mertsina Zhur. ob. khim. 32 no. 3 673-676 Mr '62
Thermodynamics of phase transitions in binary alloys I. L. Aptekar', D. S. Kamenetskaia. Dokl. AN SSSR 143 no. 3:636-639 Mr '62
Use of a temperature gradient in the study of phase diagrams. R. N. Kuz'min Zhur. neorg. khim. 7 no. 2 407-411 F '62

PHEASANTS see subdivision under Armenia, Zeravshan Valley

PHENACETIN—TOXICOLOGY
Fatal poisoning in a child by pyraphen and norsulfazol F. IU. K. Razumovskii. Kaz. med. zhur. no. 1:69 Ja-F '62.

PHENANTHROLINE
Physicochemical properties of some uranyl compounds with 1, 10-phenanthroline and 2, 2'-bipyridine V. P. Markov, V. V. TSapkin Zhur. neorg. khim. 7 no. 3 490-497 Mr '62
Study of complex formation between thallium (III) and 1, 10-phenanthroline and 2, 2'-bipyridine by the extraction method F. IA. Kul'ba and others Zhur. neorg. khim. 7 no. 3 680-690 Mr '62

PHENOL CONDENSATION PRODUCTS
Concentrated shale as an organomineral filler in molded powders of phenolic plastics obtained by the emulsion method S. S. Semenov and others Trudy VNIIT no. 10 180-188 '61
Synthesis of dodecylphenolformaldehyde tar and its properties. S. G. Bagazhkov, M. I. Arkhipov Lakokras. mat. i ikh prim. no. 5 16-19 '61

PHENOLOGY
"From work practices in a critical analysis of phenological data of agricultural yearbooks" by G. Z. Ventskevich. Reviewed by A. A. Shigolev. Meteor. i gidrol. no. 3:58-60 Mr '62.
Variability of the beginning dates of developmental phases of potatoes and the accuracy of mean phenological data for a period of many years. O. M. Popovskaia. Meteor. i gidrol. no. 3:37-39 Mr '62.

PHENOLPHTHALEIN
Heterochain polyesters Part 33: Polyarylates based on phenolphthalein [with summary in English]. V. V. Korshak, S. V. Vinogradova, S. N. Salazkin Vysokom. soed. 4 no. 3:338-344 Mr '62.

PHENOLS
Aryl mercury derivatives of keto enols and phenols A. N. Nesmeianov, D. N. Kravtsov. Izv. AN SSSR Otd. khim. nauk no. 3:431-436 Mr '62.
Concerning Liamin's notes. M. D. Kuznetsov, S. G. Faingol'd, A. A. Filippov. Koks i khim. no. 3 64 '62
Cycloalkylation of phenols and their ethers. Part 6. Condensation of phenol with borneol. A. R. Abdurasuleva, S. Achilova. Zhur. ob. khim. 32 no. 3:707-708 Mr '62.
Effect of phenol antioxidants on the assimilation of melted swine fat [with summary in English] F. E. Budagian, L. I. Smirnova. Vop. pit. 21 no. 2:47-50 Mr-Ap '62
Effect of phenols on the solubilization of hydrocarbons in soap solutions P. A. Demchenko, E. P. Skorobogat'ko Ukr. khim. zhur. 28 no. 2 203-205 '62
Experimental data on heat exchange in fever and dinitrophenol hyperthermia [with summary in English] E. S. Cramenitskaia. Biul. eksp. biol. i med. 53 no. 2 72-74 F '62.
Fungicide properties of mixtures of shale oils with some phenol derivatives. G. E. Shaltykov. Trudy VNIIT no. 10 189-195 '61
Heterochain polyesters. Part 34. Polyesters of aromatic dihydroxy compounds with condensed rings [with summary in English]. V. V. Korshak, S. V. Vinogradova, M. A. Iskenderov. Vysokom. soed. 4 no. 3:345-350 Mr '62.
Method for the colorimetric determination of phenols in tar water of the "Slantsy" combine G. E. Sharonov, G. N. Skrynnikova. Trudy VNIIT no. 10 148-159 '61
Methods for the purification of tar water from the thermal processing of shales of the Kashpir deposits B. I. Ivanov, K. A. Golutkina Trudy VNIIT no. 10 203-210 '61.
Our mail M. I. Liamin Koks i khim. no. 3 63 '62.

PHENOLS (Continued)

Potential phenol content of shale oil from semicoking of shales at the "Slants." combine S S Semenov and others Trudy VNIIT no 10 166-174 '61

Properties of phosphorus acid amides Part 1 Reactions of amidophosphites with phenols K A Petrov and others Zhur ob khim 32 no 3 920-923 Mr '62

Reducing losses of butyl acetate in the course of dephenolization of tar water at the "Slantsy" combine L I Shmidt, IU J Kozak Trudy VNIIT no 10 236-239 '61

PHENOLS—SPECTRA

Determination of phenols in water from their ultraviolet absorption spectra V F Avdeenko and others Koks i khim. no 3 49-50 '62

PHENOLS—TOXICOLOGY

Toxic effect on experimental animals of an oleo-mineral emulsion of pentachlorophenol, a new desiccant of the cotton plant L G Plakhova, L I Platonova Med zhur Uzb no 5 70-73 My '60

PHENOMENOLOGICAL PSYCHOLOGY

Study of Charpentier's phenomenon in multiple sclerosis [with summary in French] V E Grechko Zhur nevr i psikh 61 no 8 1150-1152 '61

PHENOTHIAZINE

Use of preparations of the phenothiazine series in pediatric practice [with summary in English]. A V Cheburkin Vop okh, mat i det. 7 no 2 13-16 F '62

PHILIPPINES—COMMERCE

Baryshnikova, O. G. [National bourgeoisie of the Philippines in the struggle for independent foreign trade] Filippinskaia natsional'naia burzhuaziia v bor'be za nezavisimuiu vneshniuiu torgovliu. Moskva, Izd-vo vostochnoi lit-ry, 1962 137 p

PHILIPPINES—ECONOMIC CONDITIONS

Savel'ev, N. A. [Philippines; study of the economy] Filippiny, ekonomicheskii ocherk Moskva, Izd-vo sotsial'no-ekon lit-ry, 1960, 142 p

PHILIPPINES—HISTORY

"The Philippine Republic of 1898 and American imperialism" by A. A. Guber Reviewed by G. I. Levinson. Vop ist no 4 153-156 Ap '62

Spanish-English rivalry in the Philippines in the second half of the 18th and the first half of the 19th century IU. O Levtonova Krat soob Inst nar Az no. 52 31-51 '62

PHILOLOGY, CLASSICAL see Classical philology

PHILOSOPHY

V. I. Lenin's philosophical legacy. Kommunist 38 no. 5 31-42 Mr '62

PHILOSOPHY—BIBLIOGRAPHY see Bibliography—Philosophy

PHILOSOPHY—RESEARCH

Program of the CPSU and the tasks of the departments concerning the development of research in philosophy P N Fedoseev Vest vys shkoly 20 no 2 49-56 F '62

PHILOSOPHY, GERMAN

German fascism and its ideological forerunners. B A. Benediktov Vop ist no 4;198-199 Ap '62

PHLEBITIS

Acute thrombophlebitis of the lower extremities and its treatment M. I. Levin. Med. sestra 20 no 12;6-10 D '61

Anticoagulant treatment in thrombophlebitis of the extremities. F. T Krasnoperov Kaz med zhur no 5; 34-35 S-O '61

Phlebography and its significance in the diagnosis of a postphlebitic syndrome G. G. Sychev Vest. rent i rad. 37 no 1;62-63 Ja-F '62

PHLEGMON

Treating phlegmon in newborn infants [with summary in English] G A Ostromoukhova Vop okh mat i det 6 no 12 52-55 D '61

PHLOMIS

Morphological and anatomical diagnostic characters of the herb of Phlomis pungens Willd T D Bech Trudy Len khim.-farm. inst 12 17-23 '61.

PHONOCARDIOGRAPHY see Heart—Sounds

PHONOGRAPH

In brief about new developments. Radio no. 3, 9 Mr '62.

PHONORECORDS

New phonorecords. Kul't.-pros. rab. 23 no 3 43-44 Mr '62.

PHOSPHATE COATING

Phosphate undercoats and their use in shipbuilding. G. IA. Terlo, E. B. Manto Sudostroenie 28 no. 2;47-49 F '62

PHOSPHATE INDUSTRY—HYGIENIC ASPECTS

Studying the functional state of the thyroid gland in workers of superphosphate and sulfuric acid industries using [131] absorption as an indicator R D. Gabovich, V I Bukhovets, N V Verzhikovskaia Gig truda i prof zab i no 2 26-30 F '60

PHOSPHATES

(see also subdivision under Krasnoyarsk Territory)

Compounds of rare earth elements with dibutyl phosphate Z A. Sheka, E. E Kriss Zhur neorg khim 7 no 3 658-664 Mr '62

Conversion of phosphorous contained in organic-mineral fertilizers and superphosphates. A. P. Kurtesov. Zemledelie 24 no. 2;63-67 F '62.

Present day developments in the production of phosphates I. L. Gofman. Zhur. VKHO 7 no. 1 72-80 '62

PHOSPHATIDES

Mechanism of secretion of phospholipides and nucleic acids in the intestinal juice [with summary in English]. L. M Babushkina Vop med khim 7 no 3 259-265 My-Je '61

PHOSPHINE

Basicity of phosphines and the Hammett equation M. I Kabachnik, G. A Balueva. Izv AN SSSR Otd khim nauk no 3 536-537 Mr '62

Organic insecticides-fungicides. Part 61 Interaction of triphenylphosphine with bis(dialkoxythiophosphone) disulfides, thiuram disulfide, and xanthogen disulfide N. N Mel'nikov, K. D Shvetsova-Shilovskaia, T. L Kalinskaia. Zhur. ob khim 32 no 3 847-846 Mr '62

"Pseudoallyl" rearrangements of tri-(chloromethyl)-phosphine. M. I Kabachnik, E. N. TSvetkov Dokl AN SSSR 143 no. 3,592-595 Mr '62

PHOSPHINIC ACID

Addition of phenyltetrachlorophosphine to ethyl vinyl ether and the transformation of the adduct into various derivatives of β-ethylvinylphenylphosphinic and β-ethylvinylphenylphosphinous acids. K. N. Anisimov, N. E. Kolobova. Izv AN SSSR Otd khim. nauk no 3, 444-448 Mr '62

Carbochain polymers and copolymers. Part 37. Polymerization and copolymerization of diphenyl vinylphosphinate [with summary in English]. E. F. Podlomova and others. Vysokom. soed. 4 no 3;448-451 Mr '62

Glucose phosphinites K. A Petrov, E. E Nifant'ev, A. A Shchegolev Zhur ob. khim. 32 no. 3,1006 Mr '62.

Interaction of arylidichlorophosphines with cyclic oxides Part 1 Derivatives of phenylphosphinic acid L. L. Gefter, I. A. Rogacheva. Zhur. ob khim. 32 no. 3 964-967 Mr '62

Interaction of dialkylphosphorous acids with aldehydes and ketones Part 24. Esters of α-hydroxy-β, β, β'-trichlorisopropylphosphinic acid V. S Abramov, A. L. Shalman. Zhur. ob. khim 32 no 3;827-829 Mr '62.

Regrouping of methylol-(diethylphosphone)-carbinol. A. N. Pudovik, I. V Konovalova Dokl. AN SSSR 143 no. 4 875-878 Ap '62.

PHOSPHINIC CHLORIDE

N-dichlorophosphinyl-N'-aryl-C-chloroformamidines. G. I. Derkach, L. P. Zhuravleva, A. V Kirsanov. Zhur. ob khim. 32 no 3;878-881 Mr '62.

PHOSPHINODITHIOIC ACID

Substitution of chlorine in α-chloromethylmethylalkoxysilanes by residues of diethyl-, dibutyldithiophosphoric, and diphenyldithiophosphinic acids K. A. Andrianov, I. K Kuznetsova. Izv. AN SSSR. Otd. khim nauk no 3; 456-460 Mr '63.

PHOSPHINOUS ACID

Addition of phenyltetrachlorophosphine to ethyl vinyl ether and the transformation of the adduct into various derivatives of β-ethylvinylphenylphosphinic and β-ethylvinylphenylphosphinous acids, K. N Anisimov, N. E. Kolobova Izv. AN SSSR. Otd khim nauk no. 3;444-448 Mr '62

PHOSPHINOUS CHLORIDE

Chloride of unsaturated acids. K. N. Anisimov, N. E. Kolobova. Izv AN SSSR. Otd khim. nauk no. 3;142-443 Mr '62.

PHOSPHOGLUCOMUTASE

Effect of beryllium and some other bivalent cations on the phosphoglucomutase activity of muscles [with summary in English]. Liu IUi-tan [Liu Yu-t'ang]. Vop. med khim. 7 no 6 605-608 N-D '61.

PHOSPHONIUM COMPOUNDS

Separation of phosphonium compounds with an asymmetric phosphorus atom. Gli'm Kamal, G. M. Ruseiskaia. Dokl. AN SSSR 143 no. 3;596-598 Mr '62.

PHOSPHORESCENCE

Phosphorescent wheels. N. Gorskii. Starsh.-serzh. no. 12;15 D '61.

PHOSPHORITES

(see also subdivision under Baikal Lake region)

Ammonia neutralization of solutions obtained by the decomposition of Kara-Tau phosphorites by nitric acid. I. N. Nishanov, V. S. Vyzgo, M. N. Nabiev. Uzb. khim. zhur. 6 no. 1;21-25 '62.

PHOSPHORODITHIOIC ACID

Substitution of chlorine in α-chloromethylmethylalkoxysilanes by residues of diethyl-, dibutyldithiophosphoric and diphenyldithiophosphinic acids. K. A Andrianov, I. K. Kuznetsova. Izv AN SSSR Otd khim. nauk no. 2 156-160 Mr '62

PHOSPHORUS

(see also subdivision under Tien Shan)

Apparatus for obtaining white phosphorus. N. V. Pershchuk. Khim. v shkole 17 no. 2 62-63 Mr-Ap '62.

Dephosphorization of the metal in electric steel melting. B. I. Medovar and others. Avtom. svar. 15 no. 4 Ap '62.

Effect of light on the distribution of phosphorus in plants. V. M Ivanchenko, S. B. Kochanovskii Inst. biol. AN BSSR no. 8 77-81 '61.

PHOSPHORUS—ISOTOPES

Distribution in various organs and tissues of rabbits after phosphorus administered intravenously in infectious peritonitis [with summary in English] I. M. Zolotko Biul. eksp. biol. i med. 52 no. 7;88-10 Jl '61

Effect of internal irradiation on an experimental viral and rickettsial infection. Report No. 2 Effect of radioactive phosphorus on the course of experimental tick-borne exanthematous typhus of northern Asia in guinea pigs. G. A. Dekterinov. Vop. virus. 7 no. 1 119-120 Ja-F '62

Neurovascular changes in patients with erythremia following radioactive phosphorus treatment [with summary in English]. A. E. Dubovaia. Brach. delo no. 2 62-66 F '62.

Treatment of erythremia with radioactive phosphorus. A. I. Kozyreva Vest. rent. i rad. 37 no. 1 [illegible]

PHOSPHORUS—PHYSIOLOGICAL EFFECT

Effect of the seed material and inorganic phosphorus on the fermentation of chlortetracycline of pasture flower media [with summary in English] V. G. [illegible] vich, T. N Ivanitova Antibiotiki 6 no. 11 [illegible] N '61.

PHOSPHORUS ACID

Allylamides and ethyleneimides of phosphonic, phosphinic and phosphorous acids K. A. Petrov, A. F. Chadaeva, V. P. Korotkova Zhur. ob khim 32 no 4 1014-1017 Mr '62

Regrouping of methylol-(diethylphosphone)-carbinol. A. N. Pudovik, I. V Konovalova Dokl. AN SSSR 143 no. 4 875-878 Ap '62.

PHOSPHORUS COMPOUNDS

Content of nucleic acids, anaerobic acid and some phosphorus compounds in guinea pigs during the [illegible] regeneration of skeletal muscles [with summary in English] A. V. Zukharova, L. P. Timofeeva, A. V. [illegible] Vop med khim 7 no 6 608-614 N-D '61

Synthesis of certain organosilicon monomers with phosphorus-containing functional group P. V. Bogdanov, E. A. Chernyshev, A. D. Petrov Dokl AN SSSR 143 no. 4 840-843 Ap '62

PHOSPHORUS METABOLISM

After effect of high temperatures on the phosphorus exchange in plants [with summary in English]. N. I. Petinov, I. I. Razumaev. Izv. AN SSSR. Ser. biol. 26 no. 1;108-111 Ja-F '62.

Comparative effect of nitrogen, phosphorus, and potassium deficiencies on the absorption and metabolism of phosphorus in winter wheat in light and in the dark [with summary in English] L. A Zuev, P. P. Gubler Fiziol rast 9 no 1 11-17 '62.

Effect of papaverine on some processes of carbohydrate-phosphorus metabolism in myocardial tissue [with summary in English]. II. P. Chetverikova, Vop. [illegible] 7 no. 4,372-380 Jl-Ag '61.

PHOSPHORUS ORGANIC COMPOUNDS

Chemical structure and biological activity of phosphorus organic cholinesterase inhibitors [with summary in English]. R. I. Volkova and others. Vop med khim no 3,259-259 My-Je '61.

Duration of the anticholinesterase activity of some phosphorus organic compounds [with summary in English] L. V. Donskaia, R. A. Khaunina. Biul. eksp. biol. i med. 52 no 11;69-72 N '61.

Organophosphorus compounds obtained on the basis of cyclic oxides. E. L. Gefter, M. I Kabachnik Uch. zap. khim. 31 no. 3 295-321 Mr '62.

Use of silica gel in taking samples of air containing mercaptophos vapors. M. A. Trotsenko, V. P Vert Gig truda i prof zab. 4 no 1 53-54 Ja '60

PHOSPHORUS OXIDES

Solubility in the system $CuO - P_2O_5 - H_2O$ at 25° D. M. Kerf, I. P. Sugakevich. Zhur. neorg. khim 7 no. 3 698-699 Mr '62.

PHOSPHORUS SULFIDE

Phosporylation of polymers by phosphorus pentasulfide [with summary in English]. G. F. Belykh, V. K. Kozlov, I. V. Gur'ianova. Vysokom. soed. 3 no. 12 1853-1854 D '61.

PHOSPHORYL CHLORIDE

Aryl-β-amino acids. Part 1. Effect of phosphorus oxychloride on benzyl-5, 6-dihydrouracil. N G Chernova, A I Berlin. Zhur. ob. khim. 32 no. 3 955-958 Mr '62.

$SiCl_4$ - $POCl_3$ - BCl_3 system. L. A. Nisel'son, B. A. Volfovich. Zhur. neorg. khim. 7 no. 2 360-363 F '62.

PHOSPHORYLATION

Action of strophanthin-K on aerobic phosphorylation during its attenuation by some inhibitors [with summary in English]. M. N. Kondrashova, L. V. Nikolaeva. Vop. med. khim. 7 no. 1 364-371 Ja-Ag '61.

Effect of local anesthetics on respiratory phosphorylation [with summary in English]. M. I. Kuzhman. Vop. med. khim. 7 no. 3 311-315 My-Je '61.

Oxidative phosphorylation in the tissues of the skeletal muscles in experimental vitamin P deficiency. N. N. Zaitseva. Vop. med. khim. 7 no. 3 316-319 My-Je '61.

Oxygen absorption and phosphorylation in heart tissue homogenate in experimental aortic stenosis in the rabbit [with summary in English]. M. F. Vinalykh. Vop. med. khim. 7 no. 6 625-628 N-D '61.

PHOSPHOTUNGSTIC ACID

Thermographic study of isomeric ammonium luteophosphotungstate and β-luteophosphotungstic acid. I. A. Nikitina, N. A. Tsvetkov. Zhur. neorg. khim. 7 no. 2 421-342 F '62.

PHOTOCHEMISTRY

Energy of activation of the heat desorption of latent image centers as a function of the number of atoms in them. A. L. Kartuzhanskii. Zhur. nauch. i prikl. fot. i kin. 7 no. 1 57-58 Ja-F '62.

Theory of photoadsorption effect on semiconductors. F. F. Volf'kenshtein, I. V. Karpenko. Kin. i kat. 3 no. 1 72-80 '62.

PHOTOCOLORIMETERS see Colorimeters

PHOTOELASTICITY

Optical phenomena in connection with the passage of oblique rays of light through photoelastic models [with summary in English]. H. Aben. Izv. AN Est. SSR, Ser. fiz.-mat. i tekh. nauk 10 no. 2 87-103 '61.

PHOTOELECTRIC CELLS

Performance of photoelectric cells under pulsed conditions. V. N. Kostin, V. M. Tkachenko. Prib. i tekh. eksp. 7 no. 1 173-176 Ja-F '62.

PHOTOELECTRIC MEASUREMENTS

Determining the brightness of a satellite by photoelectric measurements. D. I. Stepanov. Biul. sta. opt. nabl. isk. sput. Zem. no. 23 15-17 '61.

Electronic photorecorder. N. N. Lebedev, I. Sh. Model'. Prib. i tekh. eksp. 7 no. 1 169-171 Ja-F '62.

Length-measurement circuits with the use of photoresistors. A. A. Lifendiade, A. A. Paushina. Avtom. i prib. no. 1 86-88 Ja-Mr '62.

Low-power high-voltage converter for photoelectronic devices [with summary in English]. B. P. Potapov. Astron. zhur. 39 no. 2 367-369 Mr-Ap '62.

PHOTOELECTRIC MULTIPLIERS

Characteristics of the performance of photomultipliers in recording modulated faint light. L. V. Knanfomaliti. Biul. Abast. astrofiz. obser. no. 26 169-175 '61.

Polarization selectivity of the Sb-Cs photocathode and some problems in the recording of Cherenkov-Vavilov radiation. V. P. Zrelov. Prib. i tekh. eksp. 7 no. 1 159-164 Ja-F '62.

PHOTOELECTRIC MULTIPLIERS—TESTING

Effect of temperature on the spectral sensitivity of photoelectric multipliers. A. L. Oshcherovich, B. M. Glukhovskii, N. S. Shpakov. Prib. i tekh. eksp. 7 no. 1 149-154 Ja-F '62.

Investigating the relationship between the parameters of photoelectric multipliers and temperature. V. V. Matveev, E. E. Minaeva, A. D. Sokolov. Prib. i tekh. eksp. 7 no. 1 111-148 Ja-F '62.

Performance of a secondary-electron open-type multiplier under pulse counting conditions. A. M. Tikhkov. Prib. i tekh. eksp. 7 no. 1 154-157 Ja-F '62.

PHOTOELECTRICITY

Studying the angular distribution of photoelectrons knocked out by Ca^{137} gamma rays from targets with different Z values [with summary in English]. A. A. Rimskii-Korsakov, V. V. Smirnov. Zhur. eksp. i teor. fiz. 42 no. 1:67-68 Ja '62.

PHOTOENGRAVING—HALFTONE PROCESS

Halftone photographic printing plates for etching magnesium printing plates with an emulsion. E. A. Adrozhenko. Poligr. proizv. no. 2:19-20 F '62.

PHOTOGRAPHIC EMULSIONS

Comparison of three kinds of emulsions. O. D. Dokuchaeva, L. IA. Kraush. Astron. tsir. no. 223 8-11 Jl '61.

Effect of some chemical substances on the photographic dichroism. J. A. Januševičiene. Zhur. nauch. i prikl. fot. i kin. 7 no. 1:20-25 Ja-F '62.

Parallelism in the photographic action of benzothiazolotetrazole derivatives and their absorption on the surface of emulsion microcrystals. B. M. Ivanov. Zhur. nauch. i prikl. fot. i kin. 7 no. 1 66-67 Ja-F '62.

PHOTOGRAPHIC EMULSIONS—SPECTRA

Method of measuring the absorption spectrum of emulsion layers. P. V. Meiklar', M. Z. Peshkova. Zhur. nauch. i prikl. fot. i kin. 7 no. 1 66-67 Ja-F '62.

PHOTOGRAPHIC EMULSIONS—TESTING

Energy of activation of the heat desorption of latent image centers as a function of the number of atoms in them. A. L. Kartuzhanskii. Zhur. nauch. i prikl. fot. i kin. 7 no. 1 57-58 Ja-F '62.

PHOTOGRAPHIC INTERPRETATION

Interpretation possibilities of oblique aerial photographs. Z. I. Tolmacheva. Izv. vys. uchob. zav., geod. i aerof. no. 6 113-116 '61.

Optimum time of performing aerial photographic surveying for topographical purposes depending on the state of the soil and the vegetation. I. A. Bogomolov. Izv. vys. uchob. zav., geod. i aerof. no. 6 77-84 '61.

PHOTOGRAPHIC SENSITOMETRY

Isoopacity in electrophotography. V. M. Fridkin. Dokl. AN SSSR 143 no. 1 825-828 Ap '62.

PHOTOGRAPHY

Mikulin, V. [First book on photography, handbook for beginners] Pervaia kniga po fotografii, posobie dlia nachinaiushchikh. Izd. 8., perer. Moskva, Goskinoizdat, 1950. 149 p. (Biblioteka fotoliubitelia)

Vendrovskii, K. V., and B. I. Zhutovskii. [For the amateur photographer-tourist] Fotoliubiteliu-turistu. Pod red. E. A. Iofisa. Moskva, Gos. izd-vo "Iskusstvo," 1961. 99 p. (Biblioteka fotoliubitelia, no. 21)

PHOTOGRAPHY—BIBLIOGRAPHY see Bibliography—Photography

PHOTOGRAPHY—CONGRESSES

Third Hungarian Conference on Scientific and Applied Photography. V. I. Uspenskii, I. I. Levkoev, K. V. Vendrovskii. Zhur. nauch. i prikl. fot. i kin. 7 no. 1 78-80 Ja-F '62.

PHOTOGRAPHY—DEVELOPING AND DEVELOPERS

Effect of the developer's pH on the quantity of developed silver in a developed layer. G. P. Faerman, N. N. Shishkina. Zhur. nauch. i prikl. fot. i kin. 7 no. 1 26-29 Ja-F '62.

Effect of the difference of potentials and of the developing time on the changes occurring in the quantity of developed silver. N. N. Shishkina. Zhur. nauch. i prikl. fot. i kin. 7 no. 1 61-62 Ja-F '62.

PHOTOGRAPHY—EQUIPMENT AND SUPPLIES

[Photographic and motion-picture equipment and optical instruments] Ref. zhur., Otd. vyp. 15. Foto-kinoapp. i opt. prib. nos. 1-3 Ja-Mr '62.

PHOTOGRAPHY—FILMS

Contact screens prepared on a two-layer photographic film. K. B. Janson. Zhur. nauch. i prikl. fot. i kin. 7 no. 1 62-64 Ja-F '62.

PHOTOGRAPHY—INDUSTRIAL APPLICATIONS

Using a camera for determining the bed position of geological structures. A. G. Lukhtanov, A. A. Kokovin. Sbor. nauch. trud. Kaz. GMI no. 19 132-135 '60.

PHOTOGRAPHY—SCIENTIFIC APPLICATIONS

The communist manifesto of our era. Zhur. nauch. i prikl. fot. i kin. 7 no. 1 3-4 Ja-F '62.

A new apparatus for studying the kinematics of moving objects. V. K. Morgunov. Izv. Sib. otd. AN SSSR no. 12 30-36 '61.

PHOTOGRAPHY—STUDY AND TEACHING

Teaching of photography in the institutions of higher learning. Part 4. Organizing the training of specialists in engineering photography in the Leningrad Institute of Motion-Picture Engineering. IU. N. Gorokhovskii. Zhur. nauch. i prikl. fot. i kin. 7 no. 1 76-77 Ja-F '62.

PHOTOGRAPHY, AERIAL

Photographic quality of aerial negatives. V. I. Kazanovich. Geod. i kart. no. 2 40-45 F '62.

Using aerial photography methods for studying current glaciation in high latitude regions. V. D. Dibner. Izv. Vses. geog. ob-va 94 no. 1 61-65 Ja-F '62.

Ways of using color aerial photographic materials for geological purposes. V. N. Briukhanov. Razved. i okh. nedr 28 no. 2 9-14 F '62.

PHOTOGRAPHY, ASTRONOMICAL see Astronomical photography

PHOTOGRAPHY, PARTICLE TRACK

Device for automatic processing of photographic emulsions by the television-raster method. A. K. Voronkov and others. Prib. i tekh. eksp. 7 no. 1 42-49 Ja-F '62.

Photographing particle tracks in connection with the simultaneous measurement of impulse and ionization in large Wilson chambers. M. I. Devishev, D. F. Rakitin, S. V. Riabikov. Prib. i tekh. eksp. 7 no. 1 28-32 Ja-F '62.

PHOTOMETERS

Photoelectric photometer for measuring underwater illumination. G. G. Neuimin, A. N. Paramonov. Okeanologiia 1 no. 5:904-910 '61.

PHOTOMETRY

Diffraction phenomena observed when using the knife and slot shadow photometric method. L. A. Vasil'ev, M. M. Svetnikov. Dokl. AN SSSR 143 no. 3:578-581 Mr '62.

Flame photometric determination of alkali metals in silicate rocks and minerals. E. A. Fabrikova. Trudy Inst. min., geokhim. i kristallokhim. red. elem. no. 6 118-128 '61.

PHOTOMETRY, ASTRONOMICAL

Absolute photographic photometry of Jupiter and Saturn with light filters. V. N. Lebedinets. Uch. zap. KHGU 91 167-238 '57.

Photographic photometry of Venus. V. I. Ezerskii. Uch. zap. KHGU 91:73-165 '57.

Using the 40 cm refractor in plotting a three-color photometric system [with summary in English]. G. N. Salukvadze. Biul. Abast. astrofiz. obser. no. 26 105-127 '61.

PHOTOMICROGRAPHY

Microphotography of tissue cultures in vitro. K. L. Valdman. Vop. virus. 7 no. 1:116-117 Ja-F '62.

Studying the formation processes of calcium hydrosulfoaluminate using photomicrograph equipment. O. M. Astreeva, V. I. Guseva, N. S. Popov. TSement 27 no. 6 23-25 N-D '61.

PHOTONS—SCATTERING

Inelastic photon scattering in the Coulomb field of a nucleus [with summary in English]. S. S. Sannikov. Zhur. eksp. i teor. fiz. 42 no. 1:282-285 Ja '62.

PHOTONUCLEAR REACTIONS

Direct nuclear photoeffect and optical model of the nucleus [with summary in English]. IU. V. Orlov. Zhur. eksp. i teor. fiz. 42 no. 1:247-252 Ja '62.

Photonuclear reactions with emission of deuterons and tritons at energies below 15 Mev. [with summary in English]. IU. M. Volkov, L. A. Kul'chitskii. Zhur. eksp. i teor. fiz. 42 no. 1:108-114 Ja '62.

PHOTOSYNTHESIS

Concerning the structure of the lamellae of chloroplasts. T. N. Godnev, E. V. Khodasevich. Biul. Inst. biol. AN BSSR no. 6, 111-114 '61.

Determining the correction factors for auto-absorption of C^{14} radiations in determining photosynthesis and chemosynthesis in water reservoirs [with summary in English]. IU. I. Sorokin. Mikrobiologiia 31 no. 1 121-128 Ja-F '62.

Diurnal variations in the photosynthesis of tomatoes and cabbage in Transbaikalia. M. V. Efimov, K. A. Shutin. Trudy BKNII no. 4 195-202 '60.

"Half-leaf method" for determining photosynthesis. M. N. Goncharik. Biul. Inst. biol. AN BSSR no. 6 115-122 '61.

On the way to artificial photosynthesis. N. P. Voskresenskaia. Priroda 51 no. 3 103-104 Mr '62.

Productivity and intensity of photosynthesis of some meadow mesophytes in Leningrad Province. L. N. Alekseenko. Nauch. dokl. vys. shkoly, biol. nauki no. 1 140-144 '62.

Productivity of photosynthesis of self-pollinated lines and interlinear hybrids of corn. L. F. Dorovskaia. Nauch. dokl. vys. shkoly, biol. nauki no. 1 145-148 '62.

Translocation of assimilates from potato leaves. M. N. Goncharik, L. P. Rusetskaia, M. I. Marshakova. Biul. Inst. biol. AN BSSR no. 6 123-129 '61.

PHRENIC NERVE

Physiological properties of the sensory fibers of the phrenic and intercostal nerves [with summary in English]. V. D. Glebovskii. Biul. eksp. biol. i med. 53 no. 2 17-22 F '62.

PHTHALANILIC ACID

Effect of phthalazole on some biochemical processes in the large intestine. V. I. Bychkova. Vrach. delo no. 6 24-26 Ag '61.

PHTHALIMIDES

Universal molecular interactions and their effect on the position of the electronic spectra of molecules in two-component solutions. Part 2: Phthalimide derivatives (liquid solutions). N. G. Bakhshiev. Opt. i spektr. 12 no. 3:350-358 Mr '62.

PHTHALOCYANINE

Polymers with a conjugated bond system and heteroatoms in the conjugation chain. Part 20: Synthesis and study of basic physicochemical properties of polymeric phthalocyanines [with summary in English]. A. A. Berlin, L. G. Cherkashkina, E. I. Bakabanov. Vysokom. soed. 4 no. 3:378-382 Mr '62.

PHYLOGENY

The dual nature of functions as a basis for phylogenetic transformations of organs. V. I. Streikovskii. Trudy Inst. paleobiol. AN Gruz. SSR no. 6 35-55 '61.

PHYLOGENY (Continued)

Principles of phylogenetic change in the organs and their importance for the physiological essence of evolutionary transformations of organs and systems [with summary in English] V. G. Kasitanenko Zool zhur 40 no 12: 1759-1769 D '61

PHYSICAL EDUCATION AND TRAINING
(see also subdivision under Kazan, Lithuania)

Chogovadze, A. V. [Physical training as a method for the prevention and treatment of platypodia in school children] Fizicheskaia kul'tura kak metod profilaktiki i lecheniia ploskostopiia u shkol'nikov. Moskva, Medgiz, 1962. 111 p.
(DNLM)

Experience gained in physical culture and health-promoting work among students I F Prusakov Zdrav Ros Feder 6 no 2 37-40 F '62

Let's raise physical education to the level of the present-day needs. A A Vlasov. Sred spets obr. 9 no.3 28-31 Mr '62

Ozolin, N. G. [The athlete's warm-up] Rasminka sportsmena. Moskva, "Fizkul'tura i sport," 1961. 38 p (Bibliotechka sportsmena)

Physical education of the growing generation ranks among the most important tasks in the buildup of communism V G Iakovlev. Teor i prak fiz kul't 25 no 1 7-12 Ja '62

Physical training and health M. Horkin Nauka i zhyttia 11 no 2 44-45 F '62

Planning the training of athletes M L Ukran, N A Logofet Teor i prak fiz kul't 25 no 1 23-29 Ja '62

Poor judgment apparent in certain theoretical views on sports training N F Ivanov Teor i prak fiz kul't 25 no 1 47-50 Ja '62

Some historical aspects of the development of physical training N. I Ponomarev Teor i prak fiz kul't 25 no 1 50-52 Ja '62

Some results of an analysis of the training of participants in the All-Union Spartakiads of 1959 and 1961 V I Chudinov Teor i prak fiz kul't 25 no 1 30-35 Ja '62

Subjects concerning physical training and sports as handled in the Great Medical Encyclopedia IU. V. Bukin Teor i prak. fiz kul't 25 no 1 57-59 Ja '62

Tambian, N. B. [Self-control in the athlete] Samokontrol' sportsmena. Moskva, Izd-vo "Fizkul'tura i sport," 1961. 55 p. (Bibliotechka sportsmena)

Tasks for organizations of physical culture in connection with the decisions of the 22d Congress of the CPSU. Teor i prak fiz kul't 25 no 1 1-6 Ja '62

PHYSICAL EDUCATION AND TRAINING—DICTIONARIES

[Encyclopedic dictionary on physical education and sports in three volumes] Entsiklopedicheskii slovar' po fizicheskoi kul'ture i sportu v trekh tomakh. Moskva, Izd-vo "Fizkul'tura i sport,"
Vol. 1. Absolutnyi rekord - Klinch, 1961. 368 p.

PHYSICAL EDUCATION FOR CHILDREN

Evaluation of movement technique in students Report No 2 New method of evaluation V. G. Podol'skii. Dokl APN 5 no 6 101-106 '61

How to train children to do morning calisthenics. M Cherevkov Otv na vop rab no 11 41-48 '61.

PHYSICAL EDUCATION FOR THE AGED

Do middle-aged and elderly women benefit from physical training? M. P Sotnikova Teor i prak fiz kul't 25 no 1 38-40 Ja '62

PHYSICAL EDUCATION FOR WOMEN

Do middle-aged and elderly women benefit from physical training? M. P Sotnikova Teor i prak fiz kul't 25 no 1 38-40 Ja '62

How to become beautiful. IA. Kiselev. V mire knig 3 no.2 15 F '62.

PHYSICAL FITNESS

Records are accessible to all. Evgenii Chen. Zdorov'e 8 no.1 23 Ja '62.

PHYSICAL GEOGRAPHY see subdivision under Fergana; Ladoga Lake region; Soviet Central Asia, Tula Province

PHYSICAL GEOGRAPHY—MAPS

Isachenko, A. G. [Physicogeographical mapping] Fiziko-geograficheskoe kartirovanie. [Leningrad] Izd-vo Leningr. univ.
Pt. 2. 1961. 267 p.

PHYSICAL LABORATORIES—EQUIPMENT AND SUPPLIES

Vessel with flat parallel walls and the experiments with it. A. V. Postnikov. Fiz v shkole 22 no. 1:63-65 Ja-F '62.

PHYSICAL METALLURGY

Story about a short circuit. M. Koltun. Nauka i zhizn' 29 no 2 67-68 F '62.

Vinarov, S. M. [Physical metallurgy of airplane metals] Aviatsionnoe metallovedenie; uchebnoe posobie. Moskva, Gos. nauchno-tekhn. izd-vo Oborongiz, 1962. 219 p.

PHYSICAL METALLURGY—BIBLIOGRAPHY see Bibliography—Physical metallurgy

PHYSICAL OPTICS see Optics, Physical

PHYSICAL THERAPY

Pasynkov, E. I. [General physiotherapy] Obshchaia fizioterapiia. Moskva, Medgiz, 1962. 350 p.
(DNLM)

PHYSICALLY HANDICAPPED—REHABILITATION
(see also subdivision under Kazan)

Forming the concept of basic geometrical forms in blind deaf-mutes R A Mateeva Dokl APN 5 no 6 121-124 '61

PHYSICIANS, CZECH

One hundred years of the Society of Czech Physicians. M. Matoušek Sov zdrav 21 no. 3 103-104 '62

PHYSICIANS, RUSSIAN see subdivision under India

PHYSICS
(see also subdivision under Kazakhstan)

Byl'ko, N. D. [Physics for secondary special correspondence schools] Fizika dlia zaochnykh srednikh spetsial'nykh uchebnykh zavedenii. Moskva, Gos. izd-vo "Vysshaia shkola "
Pts. 1-2 [Mechanics. Molecular physics and heat] Mekhanika. Molekuliarnaia fizika i teplota. 1961. 323 p.

Shugarov, A. I. [Physics] Fizika. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 419 p. (Uchebniki i uchebnye posobiia dlia sel'skokhoziaistvennykh vuzov)

PHYSICS—ABSTRACTS

[Physics] Ref. zhur.: Fiz. no. 3 '62.

PHYSICS—DICTIONARIES

Turusbekov, M. [Dictionary of physics terms; project] Slovar' fizicheskikh terminov; proekt [Russian-Kirghiz] Frunze, Akad nauk Kirgizskoi SSR, 1960 190 p.

PHYSICS—EXPERIMENTS

Conducting an experiment in front of the whole class in eight-year schools during the study of a new material. I. I. Bulnaeva. Fiz. v shkole 22 no. 1:87-88 Ja-F '62.

Kudriavtsev, B. B. [World in a grain of sand; a story of simple things] Mir v peschinke, rasskaz o prostykh veshchakh. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1961. 157 p.

PHYSICS—LABORATORY MANUALS

Andronikashvili, E. L., and others. [Laboratory works on physics, mechanics, molecular physics, electricity, and magnetism] Laboratornye raboty po fizike, mekhanika, molekuliarnaia fizika, elektrichestvo i magnetizm. Pod red. E. L Andronikashvili. Moskva, Gos izd-vo fiziko-matem. lit-ry, 1961. 182 p.

PHYSICS—PHILOSOPHY

Some philosophical problems in the present-day physical theory of space and time M. Vil'nitskii Komm. Ukr. 37 no 3 60-68 Mr '62

PHYSICS—PROBLEMS, EXERCISES, ETC.

Problems for extracurricular work. A. L. Egorov, V. A. Parniuk. Fiz. v shkole 22 no. 1:77-79 Ja-F '62.

Solving problems with industrial content. O I. Bugaiov. Rad shk 40 no. 3,18-22 Mr '62.

PHYSICS—STUDY AND TEACHING

Analyzing the results of measurements in laboratory work. S. E. Kamenetskii. Fiz. v shkole 22 no. 1 49-54 Ja-F '62.

"Graphic method of teaching physics" by L. I. Reznikov. Reviewed by A. IA. Margulis Mat. v shkole no. 2:71-72 Mr-Ap '62.

Great program of the development of communism as a basis for educational work. Fiz. v shkole 22 no. 1 1-3 Ja-F '62.

Individual assignments on physics for the evening secondary school students. E. I. Larionov. Fiz v shkole 22 no. 1:82-84 Ja-F '62.

Readers' suggestions. Fiz. v shkole 22 no. 1:93-95 Ja-F '62.

Studying the great program of the development of communism in the process of teaching physics. A. L. Egorov. Fiz. v shkole 22 no. 1:32-36 Ja-F '62.

Use of the students' practical experience in teaching physics. A S. Bogoslovskii. Fiz. v shkole 22 no. 1:84-85 Ja-F '62.

Vessel with flat parallel walls and the experiments with it. A. V. Postnikov. Fiz. v shkole 22 no. 1:63-65 Ja-F '62.

PHYSICS, NUCLEAR see Nuclear physics

PHYSIOLOGICAL APPARATUS

Apparatus for clinical investigation of pupillary orientation and photoreactions and the motion of the eyeball and lids in man. O. IE. Liberman. Fiziol. zhur. [Ukr.] 7 no. 6:846-848 N-D '61.

PHYSIOLOGICAL OXIDATION see Oxidation, Physiological

PHYSIOLOGY

Effect of the functional state of the body on the distribution of antibiotics. G. IA. Kivman, E. A. Rodkina, A. P. Iakovlev. Antibiotiki 7 no. 370-378 Ap '62.

"Handbook of physiology Section I Neurophysiology Vol 2 [In English]" Reviewed by P. V. Simonov, I. I. Latash Report No 2 Zhur. nevr i psikh 61 no 1 160-166 '62

PHYSIOLOGY—RESEARCH
(see also subdivision under Ukraine)

Communism means the health of the people. Fiziol. zhur. [Ukr.] 7 no. 6, 721-725 N-D '61.

PHYSIOLOGY, PATHOLOGICAL—PERIODICALS

Journal "Patologicheskaia fiziologiia i eksperimental'naia terapiia" for the past five years. V. N. Kozhevnikov. Fiziol. i eksp terap 6 no 1:89-93 Ja-F '62

PHYTOGEOGRAPHY
(see also subdivision under Germany)

"Geobotany, basic conceptions, trends, and methods" by P. D. Iaroshenko Reviewed by A. A. Nitetsko. Bot zhur. 47 no 3 437-447 Mr '62.

PHYTONCIDES

Amur cork tree and its phytoncidal properties F. S. Gurinovich, D. S. Trukhanovskii. Biul Inst biol AN BSSR no 6:27-35 '61.

Effect of onion phytoncides on gram-positive and gram-negative bacteria A. S. Ryzhikova Trudy Vses in-st sel'khoz. mikrobiol 17 125-130 '60.

PHYTOPATHOGENIC BACTERIA see Bacteria, Phytopathogenic

PHYTOPLANKTON see subdivision under Moscow, Reservoir, Yakimvarskiy Bay

PIA MATER—DISEASES

Fibrosis of the pia mater in schizophrenia [with summary in French] P. B Kazakova Zhur. nevr i psikh 61 no. 8 1244-1250 '61.

PIANO—METHODS

Techniques in piano playing. G. Kogan. Sov. muz no. 3,116 Mr '62.

PIANO MUSIC, JUVENILE—TEACHING PIECES

Mylych, B. O. [Piano scores by Soviet Ukrainian composers written for children and youth] Tvory radians'kykh kompozytoriv Ukrainy dlia dytei ta iunistva. Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry URSR, 1961. 103 p.

PICOLINE

Compounds of trivalent cobalt with pyridine and picoline A. Ganiev. Zhur neorg khim. 7 no. 2 261-264 F '62.

PICRIC ACID

Structure of picric acid solutions in methanol. F. P. Mishchenko, M. K Fedorov. Zhur. strukt. khim. 3 no. 1:15-20 Ja-F '62.

PIECEWORK

For a wider introduction of the piecework bonus system on state farms. V. Ruzykin, B. Tuchkin, I. Cherkasov. Sots. trud 7 no. 3:58-65 Mr '62

PIERS

Design and construction of river terminal facilities T. Sadovskii. Rech. transp. 21 no 2:41-44 F '62

PIEZOELECTRIC OSCILLATORS see Oscillators, Crystal

PIGMENTS

Drying some pastelike pigments in a fluidized bed P. P. Romankov and others. Lakokras. mat. i ikh primen no. 6:61-64 '61

Fluorescence of aggregated forms of bacterioviridin and chlorophyll in connection with the state of pigments in photosynthesizing organisms A. A. Krasnovskii, IU. E. Erokhin, Khim IUK-teian' [Biosynthesis]. Dokl. AN SSSR 143 no. 2,456-459 Mr '62.

Modification of titanium dioxide for pigments possessing different purposes T. A. Ermolaeva. Lakokras mat i ikh prim. no. 5:46-53 '61

Rapid method for determining manganese in pigmentary titanium dioxide. V. A Malevannyi Lakokras mat i ikh. prim. no. 6 89-90 '61

PIKTUPENAI—SWINE

Palikevicius, Pranas. [He takes care of 2500 hogs producers; swine breeder Vytautas Venckaitis' experience at the Piktupenai State Farm] Vienas - 2500 bekonu; Piktupenu tarybinio ukio kiaulin auginto jo Vytauto Venckaicio patyrimas. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 13 p. [In Lithuanian]
(DA)

PILING (CIVIL ENGINEERING)

Driving piles with a position-shifting vibration hammer L. D. Akimova. Sbor. nauch trudov LIsI no. 24:143 '56.

PILING (CIVIL ENGINEERING) (Continued)

Sinking hollow reinforced concrete piles by pressing them down B D Vasil'ev, A I. Prudentov, P. V Andreevskii Stroi t arkhit Len 2J no. 11 26-28 N '61

Sorokin, P. P., and N. IA. TSukerman. [Piling] Svainye raboty. Leningrad, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 213 p. (Serila posobii dlia nachinaiushchikh rabochikh)

Vibratory pile driver for driving in and pulling out posts. V.G. Koselapov Mekh. stroi. 19 no. 3 Mr '62

PINE
(see also subdivision under Buryat-Mongolia, Buzuluk Valley; Pitsunda, Pyshma Valley; Russia, Northern; Ukraine, Western, Volga Hills)

Biochemical interaction between pine and birch M V Kolesnichenko. Les khoz. 15 no 2 10-12 F '62

Characteristics of pine grafting in outdoor growing V.M Piraga. Les khoz 15 no. 3 49-50 Mr '62

Effect of age and growing conditions on the dynamics of the accumulation of chlorophyll in pine and spruce needles G I. Margulik Les khoz 15 no 1 24-25 Ja '62

Effect of the pruning of roots and their treatment with heteroauxin on the growth of pine A N. Baglai Les khoz. 15 no 3 28-30 Mr '62.

Effect of various space arrangements on the development of root systems and growth of pines on rolling sands Chzhan Tsziai' Les khoz 15 no. 2 41-42 F '62

Farming, regeneration, and cuttings in Siberian pine forests. L. I. Krestianin. Les khoz 15 no 1 9-13 Ja '62

Importance and effectiveness of Siberian pine graftings Les khoz. 15 no 3:50 Mr '62

Nekrasova, T. P. [Methods for evaluating and predicting yields from Siberian pine seeds] Metody otsenki i prognoza urozhaev semian kedra sibirskogo. Pod red. G. V. Krylova. Novosibirsk, Izd-vo Sibirskogo otdeleniia AN SSSR, 1960 33 p. (CU) (DA)

Oil content of the seeds of various types of the Siberian pine N. A. Luganskii Les. khoz. 15 no. 2:69-70 F '62

Pine plantations on drained peat bogs G. T Rumiantsev Les khoz 15 no 1 33-34 Ja '62

Red-anthered Scotch pine G. M. Kozubov. Bot. zhur. 47 no. 2:276-280 F '62.

Select and study pines which form cone clusters. E P. Prokazin, T. P Prokazina Les khoz 15 no 2 71-72 F '62

PINK SALMON see subdivision under Soviet Far East, Yamal Peninsula

PINSK—MUSIC

On the banks of the Pina. I. Faddeeva, Sov. muz. 26 no. 3:121-126 Mr '62.

PIONEERS (COMMUNIST YOUTH)
(see also subdivision under Ukraine)

[Be prepared; book of the second "rank" Pioneers] Bud' gotov; kniga pionera II "stupeni." [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia, 1961. 493 p.

The club celebrates its anniversary. Kul't.-pros rab 23 no. 3:32-34 Mr '62

Davydenko, V. IA. [Friends of the Junior Pioneers] Druzi z hovtenlat. Kyiv, Vyd-vo TsK LKSMU "Molod'," 1961 68 p.

Fortieth anniversary of Soviet Pioneers. Kul't. -pros. rab. 23 no. 3,30-31 Mr '62.

May 19th with the elementary school Pioneers. Nach. shkola 30 no. 4 16-19 Ap '62.

Meetings at a camp fire. Kul't. -pros. rab. 23 no. 3 42-43 Mr '62.

New phonorecords Kul't. -pros. rab. 23 no. 3:43-14 Mr '62.

Photographic chronicle of Pioneers. Nach. shkola 30 no 4 20-24 Ap '62.

Pioneer news. Komsom. zhizn' no. 4:21 F '62.

Pioneers are always in front. Kul't. -pros. rab. 23 no. 3:35-36 Mr '62.

"Pioneers' game equipment" by E. Minskin. Book review. Kul't. -pros. rab. 23 no 3:59-61 Mr '62.

Red ties. IU. Apenchenko. Sov. Soiuz no. 4:5-6 '62.

Ring our song! Kul't. -pros. rab. 23 no. 3:44-45 Mr '62.

We can call it "a school for the education of the young disciples of Lenin." V. Dmitrevskii. Kommunist 39 no. 7:71-76 My '62.

What do you know about the homeland of Pioneers? Kul't. -pros. rab. 23 no. 3:45-46 Mr '62.

"Year after year " by Andrei Gusev. Reviewed by A. V. Kulikov Nach. shkola 30 no. 4 93-94 Ap '62.

PIONEERS (COMMUNIST YOUTH)—BIBLIOGRAPHY
see Bibliography—(Communist Youth)

PIONTKOVSKII, IGOR' ANDREEVICH, 1902-

Igor' Andreevich Piontkovskii. Fiz. fiziol. i eksp. terap. 4 no. 1:94 Ja-F '62.

PIPE

Adaptability of elastoplastic pipes to the action of a thermal field and a steady external pressure V.L. Fomin. Izv. AN SSSR. Otd tekh. nauk Mekh i mashinostr. no 1 149-152 Ja-F '62

Bending and the loss of stability of thin-walled pipes under hydrostatic pressure. E L. Aksel'rad Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 1 98-114 Ja-F '62.

Fediushin, N. D [Tables for determining the strength of circular pipes, hollow cylinders and tanks subjected to radial pressure] Tablitsy dlia opredeleniia prochnosti kruglykh trub, polykh tsilindrov i rezervuarov, podverzhennykh radial'nomu davleniiu. Moskva, Mashgiz, 1962. 96 p

PIPE—HYDRODYNAMICS

Creating a uniform gas flow in a discharge pipe. S I Fadeev. Inzh. zhur. 2 no. 1:160-163 '62.

Design of toroidal compensators for axial loading and internal pressure. V.N. Bulgakov. Sbor. trud. Lab. gidr. mash. no. 9 91-102 '61.

PIPE, ASBESTOS-CEMENT

Asbestos-cement pipes should be of better quality. L.V. Chernotskii. Stroi. truboprov. 7 no. 2:11 F '62.

Over-all mechanization of the casting of asbestos-cement pipes on the ATM-3 machine. I. M. Kershenbaum, A. I. Trushchelev Stroi. mat. 8 no. 2:27-28 F '62.

Possibilities of installing asbestos-cement gas pipes having a pressure of 6-12 kg/cm^2. I.V. Borodin. Stroi. truboprov. 7 no. 2:3-6 F '62.

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Temporary instructions for designing underground gas lines of asbestos-cement pipes laid outside of inhabited places and industrial areas] Vremennye ukazaniia po proektirovaniiu podzemnykh gazoprovodov iz asbestotsementnykh trub dlia prokladki vne territorii naselennykh mest i promyshlennykh ploshchadok SN 182-61. Utverzhdeny Gosudarstvennym komitetom Soveta Ministrov SSSR po delam stroitel'stva 17 avgusta 1961 g. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 14 p.

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Temporary technical instructions for installing gas mains of asbestos-cement pipes with a pressure up to 5 kg/cm^2 outside of cities, inhabited places, and industrial enterprises] Vremennye tekhnicheskie ukazaniia na proizvodstvo i priemku rabot po sooruzheniiu magistral'nykh gazoprovodov iz asbestotsementnykh trub s rabochim davleniem do 5 kg/cm^2 vne gorodov, naselennykh punktov i promyshlennykh predpriiatii SN 184-61. Utverzhdeny Gosudarstvennym komitetom Soveta Ministrov SSSR po delam stroitel'stva 26 avgusta 1961. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 22 p.

Sealing the walls of asbestos-cement pipes with high-polymer compounds. V.S. Loginov, E.A. Kashkovskaia, V.V. Tarkhanov. Stroi. i truboprov 7 no 2:9-10 F '62.

Study of asbestos-cement pipes for the construction of gas lines. IU.I. Danilevich. Stroi truboprov. 7 no. 2: 6-8 F '62.

Use asbestos-cement pipes for gas lines in construction. Stroi. truboprov. 7 no. 2:1-2 F '62.

PIPE, CONCRETE

Developing the technology of the production of filler for reinforced concrete pressure pipes. V. P. Chebedev. Stroi. mat. 8 no. 2.11-14 F '62.

Monolithic concrete pipes manufactured at the building site. E. Kh. Bulgakov. Bet. i zhel -bet. 8 no 3 136-137 Mr '62.

PIPE, STEEL

Investigation of pipes made of heat-hardened carbon steel. Z. N. Krasil'shchikov, S. E. Nechaevskaia, E. N. Shvach. Stroi truboprov. 7 no. 2:12-14 F '62.

PIPE BENDING

Bending and gauging pipes with elastoplastic deformation of metal. V.S. Turkin. Trudy TSNIISK no. 7:197-236 '61

PIPE FITTING

Remodeling a device. G. Dolgov. Sel'. mekh. no. 1:27-28 '62.

PIPE MILLS

Equipment for the press-working of steel. A. I. Kagalovskii. Kuz.-shtam. proizv. 4 no. 3: 32-39 Mr '62.

Monitor tops over pipe-drawing shops. A. P. Molchanov, A. I. Tikakov. Prom. stroi. 40 no. 3:18-19 '62.

PIPELINE TRANSPORTATION OF SOLIDS see Hydraulic conveying

PIPELINES

Concerning the adjustment of the spring suspension system of pipelines. B. V. Rudomino. Etek. sta. 33 no. 1:18-21 Ja '62.

Laying pipelines in marshes without digging ditches. A. I. Bershtein, S. L. Kontorer. Stroi. truboprov. 7 no. 2:18-19 F '62.

PIPELINES—ABSTRACTS

[Pipeline transportation] Ref. zhur. Otd. vyp. 45:Trub. transp. nos. 1-3 Ja-Mr '62.

PIPELINES—TECHNOLOGICAL INNOVATIONS

For the builders of natural-gas pipelines. Izobr. i rats. no. 2:5-6 F '62.

PIPERIDINE

Catalytic action of amino acids and amines in reactions of carbonyl compounds. Part 7 Condensation of the enamine base of N-propenylpiperidine with propionaldehyde and acetone A. A. IAsnikov, K I. Matkovskii Ukr khim. zhur 28 no 2 210-212 '62

PIPES, DEPOSITS IN

Pipe damages of boilers converted to mazut firing M. I. Leifman. Prom energ. 17 no 2 18-19 F '62

PIPRADROL

Changes in the higher nervous activity of dogs under the influence of pyridrol [with summary in English] T M. Kucherenko Zhur vys nerv. deiat 11 no 6 1052-1058 N-D '61

PIRYATIN—MUSIC LIBRARIES

Created by art amateurs. G. Seredа Sots kul't. no 2 35 F '62

PISTACHIO see subdivision under Uzbekistan

PISTACHIO—DISEASES AND PESTS

Developmental characteristics of medically used galls of pistachio trees with reference to the relationships between causative agents and host plants E I Slepian Trudy Len khim -farm. inst 12 85-109 '61.

PISTONS

Casting and heat treatment of piston group parts from nodular iron for the IAAZ-204 and IAAZ-206 engines. V V. Dubrov, K. K Prozhoha. Nauk. pratsi Inst. lyv. vyrob AN URSR 9 66-72 '60

Investigating alloys on a hypereutectic silumin base for the manufacture of engine pistons B A. Fomin, A O. Spasskii Sbor. nauch trud. GINTSVETMET no. 33 289-298 '60.

PITSUNDA—PINE

Pitsunda pine grove L. A. Aleshina. Bot. zhur. 47 no 2,273-275 F '62.

PITUITARY BODY

Methods of transmission of secretions from the hypothalamic nuclei to the neurohypophysis [with summary in English]. A. A. Voitkevich Biul eksp biol. i med. 52 no 7:99-103 Jl '61.

Relations between the neurohypophysis and the secretion of the preoptical nuclei of hypothalmus A A. Voitkevich Nauch dokl. vys. shkoly, biol, nauki no 1 93-97 '62.

PLACENTA—DISEASES

Anomalies of the location and detachment of the placenta N. N. Miasnikov Fel'd i akush 27 no. 2, 3-7 F '62

Placenta accreta, N. P Savenkova. Med. zhur. Uzb no. 1:82-83 Ja '62.

PLACENTA PREVIA see Labor, Complicated

PLAGIOCLASE see subidivison uner Pamirs

PLAGIOCLASE—OPTICAL PROPERTIES

Studying the causes of the scattering of the coordinates of twin axes of plagioclases as exemplified by the Korosten' pluton. V. V. Brizhak, I. I. Bok, V. K. Monich. Sbor. nauch. trud. Kaz GMI no, 223-230 '60.

PLAGUE

Combined treatment of experimental plague using antibiotics and gamma globulin. L. E Khudanov and others. Antibiotiki 6 no. 11. 1039-1042 N '61.

Correlation of the typological properties of higher nervous activity and the course of pathological processes [with summary in English]. N. M. Vavilova and others. Zhur. vys nerv. deiat. 11 no 6, 1038-1043 N-D '61

Glycemic reactions to adrenaline, insulin and histamine in plague intoxication [with summary in English] A. G Kratinov, N. M. Khar'kova. Vop. med khim 7 no 3, 277-285 My-Je '61.

Rate of blood flow in experimental plague [with summary in English]. K. M. Mokhin Biul eksp biol. i med. 53 no. 2 47-52 F '62.

PLAGUE—PREVENTIVE INOCULATION

Associated immunization with live and chemical vaccines in experiments. Report No 2. Mechanism of the stimulation of antitoxin production by live EB vaccine [with summary in English]. R A. Saltykov, G. I. Kremlev, E. M. Zemskov. Zhur. mikrobiol., epid. i immun 33 no 2:28-32 F '62.

Determination of the insusceptibility to plague using a polysaccharide allergen [with summary in English]. M. M. Faibich, S. A. Dzbrylgasov. Zhur. mikrobiol., epid. i immun. 33 no 2:48-52 F '62

Duration of the immunity in guinea pigs vaccinated with a complex live vaccine against plague, tularemia, brucellosis and anthrax [with summary in English]. S. L. Borod'ko, L. G. Samsonovich Zhur. mikrobiol., epid. i immun 33 no. 2,25-28 F '62.

PLANETS—OBSERVATIONS

Determining right ascensions of major planets in 1960 on the meridian circle of the Kharkov Astronomical Observatory. K. N. Kuz'menko, V. Kh. Pluzhnikov. Tr. Astron. obser. Khar'kov. no. 24: 31-32. '61.

5th Plenum of the Commission for the Physics of Planets at the Astronomical Council of the U. S. S. R. A. T. Cherunda. Izv. Kom. po fiz. plan. no. 3: 96-99. '61.

PLANETS, MINOR

Photographic observations of minor planets. G. N. Salukvadze. Biul. Abast. astrofiz. obser. no. 26: 89-93. '61.

PLANETS, MINOR—EPHEMERIDES

Akademiia nauk SSSR. Institut teoreticheskoi astronomii. [Ephemerides of minor planets for 1962] Efemeridy malykh planet na 1962 god. Moskva, Izd-vo Akad. nauk SSSR.
Vol. 16. 1961. 173 p.

PLANETS, MINOR—ORBITS

Improving the elements of the orbit of minor planet Amalia (284). A. I. Slastenov. Uch. zap. KHGU. 91: 249-253. '57.

PLANETS, MINOR—SPECTRA

Polychromatic photometry of minor planets. E. V. Sandevoia. Izv. Kom. po fiz. plan. no. 3: 41-45. '61.

PLANING HULLS

Effect of shallow waters on the lift of an underwater wing of end span. M. I. Frenkel'. Trudy LIVT. no. 1: 37-47. '60.

Transverse stability of ships with underwater wings. G. A. Goshev. Trudy LIVT. no. 1: 46-55. '60.

PLANING MACHINES

The 7112 single-column planing machine. V. Z. Bel'skii. Biul. tekh.-ekon. inform. no. 2: 20-22. '62.

PLANKTON RESEARCH see subdivision under Barents Sea

PLANT CELLS AND TISSUES

Weight method for studying the kinetics of the exosmosis of water from the live tissues of plants. A. P. Petrov. Bot. zhur. 47 no. 3: 368-371. Mr. '62.

PLANT COMMUNITIES
(see also subdivision under Uzbekistan)

Methods for the description of associations. E. L. Liubarskii. Bot. zhur. 47 no. 2: 231-232. F. '62.

PLANT DISEASES

Changes in the peroxidase and catalase activity of plants subjected to infection. Z. IA. Serova. Dokl. AN BSSR. 5 no. 10: 475-477. O. '61.

Maleev, F. E. [Microelements in phytopathology] Mikroelementy v fitopatologii. Leningrad, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 119 p.

Outline of some antibiotics suitable for controlling diseases in plants. N. K. Solov'eva and others. Trudy Vses. inst. sel'khoz. mikrobiol. 17: 140-146. '60.

PLANT INTRODUCTION

Moscow. Glavnyi botanicheskii sad. [Native plants of the U. S. S. R.; brief summary of introduction work in the Main Botanical Garden of the Academy of Sciences of the U. S. S. R.] Rastenila prirodnoi flory SSSR, kratkie itogi introduktsii v Glavnom botanicheskom sadu Akademii nauk SSSR. *Moskva, Izd-vo Akad. nauk SSSR*, 1961. 359 p.

Plants as sources of new medicinal preparations and their introduction into cultivation. V. S. Sokolov, I. F. Satsyperova. *Trudy Len. khim.-farm. inst.* 12: 351-359. '61.

PLANT LICE
(see also subdivision under Novosibirsk Reservoir region)

Developmental characteristics of medically used *galls of* pistachio trees with reference to the relationships between causative agents and host plants. E. I. Slepian. Trudy Len. khim.-farm. inst. 12: 85-109. '61.

Who and how milks the insects? V. Tabashchuk. Vokrug. sveta. no. 3: 52. Mr. '62.

PLANT PHYSIOLOGY

Effect of the anatomical and physiological organization and environmental conditions on the salt secretion in *grapes*. G. Z. Berezenko. Trudy Nauch.-issl. inst. sad., vin. 24: 77-81. '60.

Immediate objectives of plant physiology in the light of the resolutions of the 22d Congress of the CPSU. Fiziol. rast. 9 no. 1: 3-6. '62.

Most important problems of plant physiology and biochemistry and prospects for their development during the next twenty years. K. M. Sytnyk. Ukr. bot. zhur. 18 no. 6: 3-10. '61.

Physiological nature of stage development and inflorescence of plants [with summary in English]. A. S. Kruzhilin. Bot. zhur. 47 no. 3: 301-316. Mr. '62.

Timiriazev, K. A. [The life of the plant; ten popular lectures] Zhizn' rastenila; desiat' obshchedostupnykh lektsii. Moskva, Izd-vo Akad. nauk SSSR, 1962. 289 p.

PLANT REGULATORS see Growth promoting substances

PLANT TEMPERATURE

Improved method for measuring leaf temperature. D. G. Chelidze. Subtrop. kul't. no. 4: 118-121. '61.

PLANT TUMORS see Tumors, Plant

PLANTERS (AGRICULTURAL MACHINERY)

MLTI mounted forest planter. G. P. Il'in, N. G. Kashchenko. Les. khoz. 15 no. 3: 73-75. Mr. '62.

Planter for broadcasting sowing. A. N. Pugachev, N. F. Avdeev. Zemledelie. 24 no. 3: 35-41. Mr. '62.

Planter without a furrow opener. G. I. Gorev. Les. khoz. 15 no. 1: 72. Ja. '62.

The ShNK-6 combined corn planter. A. P. Veremeev, E. A. Belinev. Biul. tekh.-ekon. inform. no. 2: 65-66. '62.

PLANTS
(see also subdivision under Novosibirsk)

Concerning the use of trilon B for the determination of calcium in plants. O. H. Tomasheva'ka, H. S. Pirozhenko. Dop. UASHN. 3 no. 2: 22-24. Mr.-Ap. '60.

Contribution of science to agriculture. I. Safronova, V. Maitugin, A. Igitkii. V mire knig. 2 no. 3: 14. Mr. '62.

PLANTS—ASSIMILATION

Concentration gradient of chlorine and sulfur (S^{35}) in plants during different developmental phases. I. D. Rogalev. Dokl. AN SSSR. 143 no. 2: 467-470. Mr. '62.

Duration of the assimilation of $C^{14}O_2$ and of the utilization of assimilates by aerial parts of barley in ontogenesis. V. M. Terent'ev, N. N. Stasenko, Zh. I. Petrovich. Biul. Inst. biol. AN BSSR. no. 6: 135-141. '61.

Effect of growth regulators on the utilization of assimilates from leaves at different canopy levels. N. I. IAkushkina. Fiziol. rast. 9 no. 1: 111-114. '62.

Physiological relations between barley shoots of different age. V. M. Terent'ev, R. I. TSaleva, A. N. Loiko. Biul. Inst. biol. AN BSSR. no. 6: 142-150. '61.

Translocation of assimilates from potato leaves. M. N. Goncharik, L. P. Rusetskaia, M. I. Marshakova. Biul. Inst. biol. AN BSSR. no. 6: 123-129. '61.

PLANTS—EVOLUTION

Paleobiological foundations of the origin of angiosperms. P. A. Mchedlishvili. Trudy Inst. paleobiol. AN Gruz. SSR. no. 6: 97-121. '61.

Plants without roots and flowers. Nauka i zhyttia. 11 no. 2: 34. F. '62.

PLANTS—FROST RESISTANCE
(see also subdivision under Azerbaijan, Caucasus, Northern, Transcarpathia)

Frost resistance of different varieties of alfalfa in White Russia. E. V. Khodasevich. Biul. Inst. biol. AN BSSR. no. 6: 170-174. '61.

PLANTS—METABOLISM

Biosynthesis of *valine and its* keto analogue in sunflower sprouts. V. L. Kretovich, Z. S. Kagan. Dokl. AN SSSR. 143 no. 3: 727-729. Mr. '62.

Effect of *low temperature* on the metabolism of two-year old shoots of peach. K. A. Karapetian. Izv. AN Arm. SSR. Biol. nauki. 14 no. 11: 27-38. N. '61.

Metabolism of placenta and synthesis of fats in the poppy seeds [with summary in English]. V. E. Pontovich. Fiziol. rast. 9 *no. 1: 32-40. '62.*

PLANTS—NUTRITION

Effect of lateral shoots on the feeding of the main stem of the gramineae. V. M. Terent'ev, R. I. TSaleva, A. N. Loiko. Biul. Inst. biol. AN BSSR. no. 6: 151-157. '61.

Formation of vitamins by micro-organisms which inhabit healthy plants. IU. M. Voznakovskaia. Agrobiologiia. no. 1: 103-108. Ja-F. '62.

Lysenko, T. D. [Plant nutrition from soil is the basic problem of agricultural research] Pochvennoe pitanie rastenii - korennoi vopros nauki zemledeliia. 3., dop. izd. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1962. 221 p.
(DA)

Utilization of phosphorus taken by plants via roots or leaves [with summary in English]. O. F. Tueva and others. Izv. AN SSSR. Ser. biol. 27 no. 1: 29-41. Ja-F. '62.

PLANTS—RESPIRATION
(see also subdivision under Kola Peninsula)

Variations in the respiration rate of red clover(*Trifolium pratense* L.) and timothy grass(Phleum pratense L.). Kh. U. Umarov. Bot. zhur. 47 no. 2: 245-250. F. '62.

PLANTS—WATER REQUIREMENTS

Effect of various methods of *watering on the* growth of physiologically active roots. I. N. Rakhteenko, L. A. Krot. Biul. Inst. biol. AN BSSR. no. 6: 56-58. '61.

Effect of wilting on the transformation of nitrogenous substances in leaves [with summary in *English*]. N. V. Subbotina. Fiziol. rast. 9 no. 1: 86-90. '62.

Symposium on plant-water relations in arid and semi-arid conditions, Madrid, 1960. [Plant-water *relations* in arid regions of the U. S. S. R.; reports of Soviet scientists] Vodnyi rezhim rastenii v zasushlivykh raionakh SSR; doklady sovetskikh uchenykh. Moskva, Izd-vo Akad. nauk SSSR, 1961. 274 p.

PLANTS, CULTIVATED
(see also subdivision under Ukraine)

Interspecific relations between weeds and cultivated plants. G. M. Davidovskii. Izv. AN Arm. SSR. Biol. nauki. 15 no. 2: 49-59. '62.

PLANTS, EFFECT OF ANTIBIOTICS ON

Stimulating properties of antibiotics. U. G. Oksentian. Trudy Vses. inst. sel'khoz. mikrobiol. 17: 70-76. '60.

PLANTS, EFFECT OF ARIDITY ON

Ability for synthesis in drought-resisting tomato plants [with summary in English]. P. A. Genkel', R. S. Muromova, N. D. Pronina. Fiziol. rast. 9 no. 1: 80-85. '62.

Symposium on plant-water relations in arid and semi-arid conditions, Madrid, 1960. [Plant-water relations in arid regions of the U. S. S. R., reports of Soviet scientists] Vodnyi rezhim rastenii v zasushlivykh raionakh SSR, doklady sovetskikh uchenykh. Moskva, Izd-vo Akad. nauk SSSR, 1961. 274 p.

PLANTS, EFFECT OF GAMMA RAYS ON

Characteristics of the formation of chromosome aberrations in irradiation of seeds in the state of organic rest [with summary in English]. N. I. Nazhdin, R. I. Dubinina. Zhur. ob. biol. 24 no. 1: 12-24. Ja-F. '63.

Correlation between germination and the survival rate in different species of cultivated plants following irradiation of seeds by various doses of gamma rays of Co^{60}. E. I. Preobrazhenskaia, N. V. Timofeev-Resovskii. Dokl. AN SSSR. 143 no. 2: 448-451. Mr. '62.

Field irradiated by gamma rays. M. Prudnikov. Priroda. 51 no. 3: 47-51. Mr. '62.

PLANTS, EFFECT OF GASES ON

Effect of gases from industrial plants on the growth of trees and shrubs. V. M. Ribchin. Bot. zhur. 47 no. 3: 412-416. Mr. '62.

PLANTS, EFFECT OF GIBBERELLIC ACID ON

Effect of gibberellic acid on some properties of the protoplasm. O. A. Sitnikova. Fiziol. rast. 9 no. 1: 109-111. '62.

PLANTS, EFFECT OF INDOLACETIC ACID ON

Effect of heteroauxin on the growth of the dormant buds of the cacao tree(Theobroma cacao L.). I. I. Zhuz, E. A. IAkovleva. Bot. zhur. 47 no. 2: 280-282. F. '62.

PLANTS, EFFECT OF IODINE ON

Effect of iodine fertilizers on winter wheat yields [in Azerbaijani with summary in Russian]. Sh. M. Lodzh. Dokl. AN Azerb. SSR. 18 no. 1: 59-63. '62.

Physiological role of iodine in plants. V. M. Tereshchenko, N. B. Goloveneva. Biul. Inst. biol. AN BSSR. no. 6: 134. '61.

PLANTS, EFFECT OF LIGHT ON

Content of pigments in potatoes exposed to light in different seasons and later stored in a dark place. A. S. Vechet', M. T. Chalka, K. I. Predkel'. Biul. Inst. biol. AN BSSR. no. 6: 175-178. '61.

Development of the inflorescences of corn as related to their position on the stem and to the length of day. M. K. Martynova. Bot. zhur. 47 no. 2: 284-295. F. '62.

Effect of light on the distribution of phosphorus in wheat plants. V. M. Ivanchenko, S. B. Kochnanvskii. Biul. Inst. biol. AN BSSR. no. 6: 77-81. '61.

Nyctinastic movements as indicators of the light requirement of plants. E. P. Alpatova. Trudy Kirg. GU. no. 4: 108-117. '60.

Significance of light in nitrite reduction in a green leaf [with summary in English]. N. P. Voskresenskaia, E. S. Grishina. Fiziol. rast. 9 no. 1: 7-15. '62.

PLANTS, EFFECT OF MAGNESIUM ON

Effect of phosphorus and magnesium on the respiration of plants cultivated in the Kola Peninsula [with summary in English]. M. G. Zaitseva, D. M. Sedenko, V. A. Pozdniakova. Fiziol. rast. 9 no. 1: 98-105. '62.

PLANTS, EFFECT OF NITROGEN ON

Effect of the dosage of nitrogen fertilizers on the acid complex in grapes. A. M. Zhuravel'. Trudy Nauch.-issl. inst. sad., vin. 24: 55-63. '60.

Effect of various dates of application of nitrogen fertilizers on the yield and quality of sugar beets. E. N. Alekseeva. Trudy Vseros. nauch.-issl. inst. sakh. svekly i sakh. 1 no. 1: 96-100. '60.

PLANTS, EFFECT OF PHOSPHORUS ON

Effect of phosphorus and magnesium on the respiration of plants cultivated in the Kola Peninsula [with summary in *English*]. M. G. Zaitseva, D. M. Sedenko, V. A. Pozdniakova. Fiziol. rast. 9 no. 1: 98-105. '62.

Utilization of phosphorus taken by plants via roots or leaves [with summary in English]. O. F. Tueva and others. Izv. AN SSSR. Ser. biol. 27 no. 1: 29-41. Ja-F. '62.

PLANTS, EFFECT OF RADIATION ON

Vasil'ev, I. M. [Effect of ionizing radiation on plants, radiophysiological studies] Deistvie ioniziruiushchikh izluchenii na rastenila, radiofiziologicheskie issledovaniia. Moskva, Izd-vo Akad. nauk SSSR, 1962. 232 p.

PLANTS, EFFECT OF SALTS ON

Comparative estimation of salt tolerance in farm crops. B. A. Plunovskii. Nauch. zap. MIIVKH. 19: 209-233. '57.

PLANTS, EFFECT OF SALTS ON (Continued)

Effect of growth substances of petroleum origin on the growth, development, and yield of Eragophirum and alfalfa under conditions of qualitatively different soil salinity Z S Azizbekova Dokl AN Azerb SSR 18 no 1 83-88 '62

Effect of the degree of soil salinity on the distribution of plants, N. I. Akzhigitova Trudy TashGU no 187 95-101 '61

Effect of various degrees of soil salinization on the ascorbic acid content of cotton. I. A Poliianskaia Izv AN Turk SSR Ser biol nauk no 1 9-13 '62

Factors determining the salt tolerance of grape vines G. Z. Berezenko Trudy Nauch -issl inst. sad , vin 24 71-76 '60.

Formation of dark-colored substances in plants poisoned by salts. B P. Strogonov, N. I Shevtsova, T. B Kamaukhova Dokl AN SSSR 143 no. 4 984-986 Ap '62

PLANTS, EFFECT OF SODIUM AZIDE ON

Effect of sodium azide on the virescence process of oat seedlings I A Chernavina, M A Borisova Nauch doki vys shkoly, biol nauki no. 1 149-153 '62

PLANTS, EFFECT OF TEMPERATURE ON

After effect of high temperatures on the phosphorus exchange in plants [with summary in English]. N. S. Petinov, I. I. Razumnev. Izv. AN SSSR. Ser. biol. 27 no. 1:105-111 Ja-F '62.

Effect of environmental conditions on the chemical composition of grapes L. V. Milovanova. Trudy Nauch -issl inst sad , vin 24 65-69 '60

Effect of low temperature on the metabolism of two-year old shoots of peach. K. A. Karapetian. Izv. AN Arm. SSR, Biol. nauki 14 no. 11, 27-38 N '61.

Effect of the total of effective temperatures on the phenological phases of woody plants I D Ilkevich, V. I. Parfenov Biul. inst. biol. AN BSSR no. 6:16-26 '61.

Thermostability of cell protoplasm in some varieties of spring wheat [with summary in English]. T. V. Oldimieva, P. D. Uglov. Bot. zhur., 47 no 3 337-343 Mr '62.

PLANTS, EFFECT OF TRACE ELEMENTS ON see subdivision under Buryat-Mongolia

PLANTS, EFFECT OF X RAYS ON

Effect of X rays on plants. G. M. Sagatelian. Vop. radiobiol [AN Arm. SSR] 1:209-221 '60.

PLANTS, EFFECT OF ZINC ON

Dusting corn seed with zinc frit before sowing. G. I., Mokrievich, G. M. Ignatovich. Sbor. nauch. -issl. rab. Azovo-Cher. sel'khoz. inst. 18:73-80 '60.

PLANTS, FLOWERING OF

Physiological nature of stage development and inflorescence of plants [with summary in English]. A. S. Krasnozhilin. Bot. zhur. 47 no 3:301-316 Mr '62

PLANTS, MOTION OF FLUIDS IN

Flow of assimilates during the infiltration of osmotically active substances into leaves [with summary in English] A. A Anisimov and others. Fiziol. rast 9 no 1 16-20 '62

PLANTS, ORNAMENTAL see subdivision under Altai Mountains; Tomsk; Ulan-Ude region

PLANTS, POTTED

Grow lemons and figs B. A. Bykov. Doshk. vosp. 35 no. 4:105-106 Ap '62.

PLANTS, SPACE ARRANGEMENT OF

Effect of fertilizers and various systems of space arrangement on the sugar content of sugar beets. Z. N. Kashtanova. Trudy Vsesoz. nauch. -issl. inst. sakh. svekly i sakh. 1 no 1, 101-107 '60.

Effect of space arrangement on the characteristics of sugar beets in White Russia. V. V. Gaponovich. Agrobiologiia no. 1:144-146 Ja-F '62.

Effect of stand density on the varietal quality of winter wheat seed. F. V. Kovalev. Sbor. nauch. -issl. rab. Azovo-Cher. sel'khoz. inst. 18:105-109 '60.

Effect of various space arrangements on the development of root systems and growth of pines on rolling sands. Chzhan Tszian'. Les. khoz. 15 no. 2:41-42 F '62.

Space arrangement for sunflower in the zone of insufficient moisture. D. N. Belevtsev. Zemledelie 24 no. 3 60-70 Mr '62.

PLASMA (IONIZED GASES)

Attachment on an AR-9 burner for plasma cutting. N. T. Melnichenko, B. I. Mokrov. Avtom. svar. 15 no. 4:88-89 Ap '62.

Concerning the theory of diffusion waves in plasma resting in a longitudinal magnetic field. V. S. Golubev, V. L. Granovskii. Radiotekh. i elektron. 7 no. 4: 683-689 Ap '62.

Generator of plasma V IA Smoliakov Nauka i zhizn' 29 no. 1 19 Ja '62

Propagation of electromagnetic waves in a plasma transversely to an external magnetic field. IU. N. Dnestrovskii, D. P. Kostomarov Zhur. vych. mat. i mat. fiz. 2 no 1 97-106 Ja-F '62.

Rabinovich, M. S , ed. [Plasma physics and magnetohydrodynamics Translated articles] Fizika plazmy i magnitnaia gidrodinamika, sbornik statei. Moskva, Izd-vo inostr lit-ry, 1961 302 p (Problemy fiziki)

Radiation thermal conductivity of completely ionized hydrogen plasma [with summary in English] T. D Kuznetsova, D. A Frank-Kamenetskii Astron zhur 39 no 2:247-255 Mr-Ap '62

Spectral line intensity as a function of the effective ionization potential of an electric arc. V. L Ginzburg, N. P. Glukhovetskaia Opt. i spektr. 12 no. 3 341-349 Mr '62.

Structure of shock waves in a high-temperature dense plasma [with summary in English] V. S Imshennik, Zhur. eksp. i teor. fiz 42 no. 1:236-246 Ja '62

Theory of fluctuations of particle distribution in a plasma [with summary in English]. IU. L. Klimontovich, V. P Silin, Zhur eksp i teor fiz 42 no 1:286-298 Ja '62

PLASMA (IONIZED GASES)—SPECTRA

High-intensity electron-optical system for spectral studies of a plasma. M. M Butslov, A. G. Plakhov, V. V. Shaprin. Opt. spektr. 12 no. 3:419-423 Mr '62.

PLASMIN

Inhibiting action of glycerin on plasmin and trypsin [with summary in English]. N. E. Plotnikova. Vop med. khim. 7 no. 1:381-384 Jl-Ag '61.

PLASTER

Using gas torches with infrared radiation for drying plastered surfaces. N. N. Poliakov. Stroi truboprov. 7 no 2:18 F '62.

PLASTER CASTS, SURGICAL

Device for holding shoulder fragments during the application of plaster casts. A. A Antvatsaturian. Vest. khir. no. 8:116-119 '61.

Pogorel'skii, M. A. [Plaster casts] Gipsovaia tekhnika. Pod red N. P Novachenko. 2 izd., pererab. dop. Kiev, Gos med. izd-vo USSR, 1961. 186 p. (Biblioteka prakticheskogo vracha)
(DNLM)

PLASTIC BEARINGS

Using some polymers in the manufacture of sliding bearings. V. A. Belyi, V. M Shestakov. Sbor. trud. inst. mash. i avtom AN BSSR no 2 93-115 '61.

PLASTIC FOAMS

Foam plastics in aeronautics. G. Bulatov. Av. i kosm. 44 no 3, 62-65 '62

PLASTIC LAMINATES see Laminated plastics

PLASTICITY

And more on the postulate of isotropy. V V Novozhilov, Izv. AN SSSR Otd. tekh. nauk Mekh. i mashinostr no. 1 205-208 Ja-F '62

Effect of the shape and size of graphite on gray cast iron plasticity. V. N. Kolevatov, I. N. Bogachev Fiz met. i metalloved. 13 no 2:258-262 '62.

Initial flow of an inhomogeneous strip caused by the pressing-in of a rough stamp B A. Druianov Inzh zhur 2 no 1 111-116 '62.

Method for solving statically indeterminate problems of the two-dimensional flow of ideally plastic bodies B. A Druianov Dokl AN SSSR 143 no 4:808-810 Ap '62.

More on the postulate of isotropy. A. A Il'iushin. Izv. AN SSSR. Otd. tekh. nauk Mekh. i mashinostr. no. 1 201-204 Ja-F '62.

Plasticity of heat-resistant and stainless steels and alloys at high temperatures. V. S. Bankashvili, I. IA. Tarnovskii, G. A. Khasin. Soob. AN Gruz. SSR 28 no. 2:211-216 F '62.

PLASTICIZERS

Plasticizing of poly (vinyl chloride). V. A. Voskresenskii, V. A. Bylkev, Izv. vys. ucheb. zav., khim. i khim. tekh 4 no 6:1016-1021 '61

PLASTICS

Helits, V. E. [Use of plastics in the manufacture of machinery and instruments] Zastosuvannia plastychnykh mas u mashino-i pryladobuduvanni. Kyiv, Derzh. vyd-vo tekhn. lit-ry URSR, 1960. 68 p.

Koztova, Z. V. [Plastics] Plasticheskie massy. Pod red. G. I. Kotlianina. Moskva, Gos. izd-vo torg. lit-ry, 1962. 77 p

Kropotov, V. N., and N. V. Odnoralov. [Work with plastics; student's manual] Raboty s plasticheskimi massami; posobie dlia uchashchikhsia. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 61 p.

Laboratory synthesis of polybenzyl plastic. L. K. Khristich. Khim. v shkole 17 no. 2 61-62 Mr-Ap '62.

Prospects for the use of plastics in shipbuilding and ship repairs I. Kifushenkov. Rech transp. 21 no. 2:27-29 F '62.

Some physicochemical properties of the "khostafan" plastic and its use in the cartographic industry. IU A. Oknin. Izv. vys. ucheb. zav ; geod. i aerof. no. 5:103-110 '61.

Use of styracryl in the repair and modernization of equipment. G. D. Pekolis. Med prom. 15 no. 6 52-54 Je '61.

PLASTICS IN MEDICINE

Use of plastic (egmass-12) in maxillofacial surgery. S. Z Zainalutdinova. Kaz. med. zhur no. 1 49-51 Ja-F '62

PLASTICS INDUSTRY—HEATING AND VENTILATION

Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Instructions SN 179-61 on the design of heating and ventilation of plants for the production of die-cast plastics] Ukazaniia po proektirovaniiu otopleniia i ventilatsii tsekhov proizvodstva izdelii lit'em pod davleniem zavodov plasticheskikh mass, SN 179-61 Utverzhdeny 15 avgusta 1961 g. Moskva, Gos. izd-vo lit-ry po stroit , arkhit. i stroit. materialam, 1961. 21 p.

PLATE PRINTING

Efremov, S. V., V. A Strugach, and V. A. Dubinskaia [Intaglio printing] Glubokaia pechat'. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 372 p.

PLATE TOWERS

Sieve-plate column with a helical fluid flow. N F Zheleznova. Khim. mash. no. 2 49 Mr-Ap '62.

PLATES, IRON AND STEEL—TESTING

Durability of press mold plates during the press molding of grog products P. I. Solntsev, V. I. Gershkovich Ogneupory 27 no 3 120-126 '62

Durability of press mold plates during the press molding of magnesite and grog refractories V. S. Popov, N. S. Dmitrichenko Ogneupory 27 no 3, 127-130 '62

PLATINUM see subdivision under Ural Mountains

PLATINUM COMPOUNDS

Compounds of platinum with diethanolamine Kh I Gil'dengershel' Zhur neorg khim 7 no 2 233-239 F '62

Crystal chemistry of complex platinum compounds Part I Compounds of quadrivalent platinum G A Kukina Zhur strukt. khim 3 no 1 108-117 Ja-F '62

Platinum tetramine salt of trichlorotrihydroxoplatinic acid A. V. Babaeva, N I Ushakova Zhur neorg khim 7 no. 3 487-489 Mr '62

Studying the effect of certain factors on the sorption of complex chloro acids Pt (IV), Pd (IV), Ir (IV), and Rh (III) by EDE-10P and AN-22F anionites I N Plaksin, A A Kolobkin Sbor nauch trud GINTSVETMET no 33 88-97 '60

Tetramalanine complexes of bivalent platinum L M Volshtein, I O Volodina Zhur neorg. khim 7 no 2 252-257 F '62

PLATINUM COMPOUNDS—MAGNETIC PROPERTIES

Magnetic susceptibility of compounds of platinum with nitrites V I Belova and others Zhur neorg khim 7 no 3 479-481 Mr '62

PLATINUM ELECTRODES see Electrodes, Platinum

PLATINUM GROUP

Former indivisibles L M Ghidin, P I Bobikov, A P Sokolov. Nauka i zhizn' 29 no 1-56-57 Ja '62

So-called "twin intergrowths" of minerals of the platinum group. I I, Shafranovskii. Zap. Vses. min ob-va 91 no. 1:78-80 '62.

PLATINUM-NICKEL ALLOYS see Nickel-platinum alloys

PLAY

Children's interpersonal relations in play B. I. Fishman Doshk. vosp. 35 no. 4 44-51 Ap '62.

Play and work. M. D. Igritskaia. Doshk. vosp. 35 no. 4 51-55 Ap '62.

PLAYBILLS

Fridmanis, J. [My work practices in composing invitations, theater programs and playbills] Mana pieredze ielugumu, programmu un afisu sastkuma veidosana. Riga, Latvijas Valsts izdevnieciba, 1961. 198 p. [In Latvian]

PLAYS FOR CHILDREN see Children's plays

PLEURA—ABSCESS

Treatment of chronic empyema of the pleura [with summary in English]. Z. I. Levina. Grud. khir. 2 no. 1:111-114 Ja-F '60.

Treatment of postoperative empyema of the pleura following pneumonectomy and partial resection of the lungs [with summary in English] I. S. Kolesnikov, S. N. Sokolov. Grud. khir. 2 no. 1:67-72 Ja-F '60.

PLEURA—DISEASES

Characteristics of repeated operations in chronic purulent diseases of the lungs and pleura [with summary in English]. E. S. Lushnikov, A. I. Pirogov. Grud khir 2 no. 3:43-46 My-Je '60.

Histogenesis and structure of pleural adhesions; experimental and clinical studies. Report No 2. V. V. Vakhidov Med. zhur. Uzb. no. 1 54-59 Ja '62.

Significance of pleural biopsy for the purposes of diagnosis, treatment, and examination [with summary in English]. A. Sattler. Grud. khir. 1 no. 3:57-62 My-Je '59.

PLEURA – DISEASES (Continued)

Significance of some functional methods in determining indications for surgical treatment of pleural empyema. V.M. Sergeev, L.I. Klioner. Vest. khir. no. 8, 3-13 '61

PLEURA—SURGERY

Draining the cavities following extrapleural pneumonolysis IU.P. Damlovskii. Zdrav. Kazakh. 22 no. 1 18-21 '62

Treatment of chronic empyema of the pleura [with summary in English] Z.I. Levina. Grud. khir. 2 no. 1:111-114 Ja-F '60.

PLEURA—TUBERCULOSIS

Hemotherapy in brucellosis, sepsis, and pleurisy of tuberculous etiology. G.N. Kalugina. Med. zhur. Uzb. no. 4 38-41 Ap '60.

PLEURISY

Treatment of newborn and nursing infants with acute suppurative pleurisy [with summary in English] B. Peplov. Vop. okh. mat. i det. 6 no. 12 32-35 D '61

PLEUROPNEUMONIALIKE ORGANISMS

Formation of L-form microbes in the body [with summary in English] A.M. Kazancheva. Klin. med. no. 3 32-34 '62

PLIEKSANS, JANIS, 1865-1929

Birkerts, Antons. [J. Rainis' exile in Slobodsk, life and work as seen from correspondence] Rainis Slobodskas trimda, dzives un darba atspulgs vestulos. Riga, Latvijas Valsts izdevnieciba, 1961. 199 p. [In Latvian]

[Rainis, People's Poet of Latvia] Latviesu tautas dzejnieks Rainis. Riga Latvijas PSR Zinatnu akad. Izdevnieciba, 1961. [4] p. illus. [Text in Latvian and Russian]

PLOWING

Efficiency of high-speed plowing in turning over stubble A.M. Briukhov. Zemledelie 24 no. 2 78-79 F '62.

Forces acting on the plowshare and moldboard surface of a plow bottom L.D. Turaev. Trudy Vseros. nauch. issl. inst. sakh. svekly i sakh. 1 no. 2 75-88 '61

If you accept obligations you must carry them out. P. TSelik. Sel'. mekh. no. 3:29 '62.

PLOWS

Concerning the resistance of the friction forces of the working surfaces of plows subject to varying loads. I.P. Mogil'nyi. Dop. UASHN 3 no. 2 59-62 Mr-Ap '60

PLUM see subdivision under Novosibirsk Province

PLUMBING

(see also subdivision under Leningrad)

Liber, I.S., and P.S. Iakovlev. [Sanitary-engineering work in the construction of industrial buildings and apartment houses] Proizvodstvo sanitarno-tekhnicheskikh rabot v promyshlennom i grazhdanskom stroitel'stve. Leningrad, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1962. 318 p.

PLUMBISM see Lead poisoning

PLUTONIUM—ISOTOPES

Data on the biological activity of plutonium-239 [with summary in English] L.A. Buldakov, IU.I. Moskalev, V.N. Strel'tsova. Biul. eksp. biol. i med. 52 no. 11: 57-61 N '61

PNEUMATIC CONTROL

Lemberg, M.D. [Pneumatic control] Pnevmoavtomatika. Moskva, Gos. energ. izd-vo, 1961. 110 p. (Biblioteka po avtomatike no. 46)

Principles of designing mechanisms for pneumatic control systems of crankshaft forging and press working machines. V.I. Vlasov. Kuz.-shtam. proizv. 4 no. 3: 19-24 Mr '62.

PNEUMATIC TOOLS

Design, construction, and use of air legs K.V. Pavlov, V.A. Latyshev. Izv. AN Kh. SSR, Ser. est. i tekh. nauk 3 no. 3 103-114 '61

PNEUMATIC-TUBE TRANSPORTATION

Concerning the use of the pressure drop in the measuring hoppers of pneumatic and hydraulic transportation systems. B.I. Leonchik, F.M. Eremenko. Izv. vys. ucheb. zav., energ. 5 no. 2:106-107 F '62.

Method for designing hydraulic and pneumatic conveying units suggested by A.E. Smoldyrev, N.A. Slezkin, S.A. Korzhaev. Izv. AN SSSR, Otd. tekh. nauk. Mekh. i mashinostr. no. 1 198-200 Ja-F '62.

PNEUMOCOCCAL INFECTIONS

Change in the serotonin content in the blood and organs of rats in experimental pneumococcal infection [with summary in English]. Z.A. Popenenkova, T.N. Zaventsagina. Biul. eksp. biol. i med. 52 no. 11:43-46 N '61.

PNEUMOGASTRIC NERVE see Vagus nerve

PNEUMOMEDIASTINUM

Method of pneumomediastinography and its role in evaluating operability in cancer of the esophagus [with summary in English]. V.S. Pomelov, V.S. Sladkovich. Khirurgiia no. 3:79-84 '62.

PNEUMONIA

Antimicrobial and therapeutic effect of antibiotics of the neomycin series, monomycin and colimycin, in experimental pneumonia with abscesses caused by Kl. pneumoniae [with summary in English]. S. Saidkarimov. Antibiotiki 7 no. 4:339-345 Ap '62.

Case of pneumocystic pneumonia combined with generalized cytomegaly in a child [with summary in English]. E.K. Zhukova. Arkh. pat. no. 3 68-71 '62.

Chronic nonspecific pneumonia in children and its treatment S.M. Gavalov. Med. sestra 21 no. 3 5-12 Mr '62

Clinical aspects and pathomorphology of lesions of the heart in whooping cough complicated by pneumonia [with summary in English] V.P. Braginskaia, I.S. Dergachev. Pediatriia no. 2:34-39 '62.

Clinical aspects of pneumonias and the comparative effectiveness of their treatment with antibacterial preparations [with summary in English] T.D. Skrynnikova. Sov. med. 25 no. 2 3-11 F '62.

Compound treatment of pneumonia in children with early prematurity [with summary in English]. M.A. Drozdova. Vop. okh. mat. i det. 7 no. 1 31-38 Ja '62.

Differential diagnosis of chronic indurative pneumonia and bronchogenic lung cancer A.V. Grigorian, V.G. TSuman, G.L. Volf-Lipshtein. Grud. khir. 3 no. 6: 72-76 N-D '61

Effect of circulatory disorders and pulmonary edema on the appearance and course of infectious processes (pneumonia). Report No. 2: Effect of pulmonary edema produced by thiourea on the development of pneumonia [with summary in English]. N.G. Palkov. Biul. eksp. biol. i med. 52 no. 11:47-50 N '61

Pathomorphological study of untreated influenzal pneumonia in Macaca monkeys [with summary in English]. M.T. Ivanov. Arkh. pat. no. 3 33-39 '62.

Prevention of postoperative pneumonia P.G. Gatsuk. Med. sestra 20 no. 12, 33-36 D '61

Segmentation of pulmonary lesions in pneumonias. L.I. Moskvicheva. Kaz. med. zhur. no. 5, 20-22 S-O '61

Treatment of early pneumonias in influenza using bicillin-3 [with summary in English]. A.A. Alekseeva, T.S. Efimova, T.G. Terent'eva. Antibiotiki 6 no. 11: 975-979 N '61

PNEUMOTHORAX

Electric needle heater for pneumothorax needles. I.M. Rakhnovich. Med. prom. 16 no. 1:51 Ja '62

Vasil'ev, V.A. [Clinical and physiological foundations of the artificial pneumothorax] Kliniko-fiziologicheskie osnovy iskusstvennogo pnevmotoraksa. [Leningrad] Medgiz, 1961. 177 p. (DNLM)

PO, LINA MIKHAILOVNA, 1899-1948

Feat of an artist. V. Lapshin. Iskusstvo 25 no. 2:39-42 '62.

POBEDINSKII, NIKOLAI IVANOVICH, 1861-1923

Nikolai Ivanovich Pobedinskii (1861-1923). I.A. Fridman. Fel'd i akush. 27 no. 1 41-44 Ja '62

PODKAMENNAYA TUNGUSKA VALLEY—FORESTS AND FORESTRY—VALUATION

Studying the growth of forests in the region of the Tunguska meteorite. Les. khoz. 15 no. 1 22-24 Ja '62.

PODKAMENNAYA TUNGUSKA VALLEY—METEORITES

New data on the Tungus meteorite, 1908. K.P. Florenskii. Geokhimiia no. 2:187-189 '62.

PODOL'SK DISTRICT—SWINE

Great potentialities of swine breeding. A. Barbashov. Komm. Mold. 7 no. 2:38-42 F '62.

PODZOL

Effect of green manures and peat on the content and group composition of humus in turf-Podzolic loamy soils [with summary in English]. P.N. Vysotskaia, V.K. Mikhnovskii. Pochvovedenie no. 2, 37-41 F '62.

Effect of various methods of fall plowing on physical properties of turf-Podzolic soils. E.V. Seredinskaia. Nauch. doki. vys. shkoly, biol. nauki no. 1 200-205 '62

POISONING

Use of the operation of partial blood replacement in children with various forms of poisoning. T.N. Nikonova, L.V. Burenkova, P.A. Pak. Zdrav. Kazakh. 22 no. 1: 37-42 '62

POISONOUS ANIMALS see subdivision under Brazil

POISONS—PHYSIOLOGICAL EFFECT

Effect of some ferment poisons on the heart muscle at various temperatures [with summary in English]. I.I. Sabo, E. Vas, A.G. Gridneva. Biul. eksp. biol. i med. 52 no. 11:72-76 N '61

POISONS—SPECTRA

Spectrographic investigation of the products of chemical activity of Fusarium sporotrichiella. L.E. Olifson. Zhur. VKHO 7 no. 1:109 '62.

POISONS, INDUSTRIAL see Industrial toxicology

POKROVKA (ASTRAKHAN-BAZAR DISTRICT)—ANTIQUITIES

Archaeological finds in Astrakhan-Bazar District Sh. Sadykh-zade. Dokl. AN Azerb. SSR 17 no. 9:851-853 '61

POLAND—ADMINISTRATIVE LAW

Systematization of the administrative laws of the Polish People's Republic S.A. Rozmarin. Sov. gos. i pravo 32 no. 3 87-95 Mr '62

POLAND—BORING MACHINERY

A mechanical mole I.I. IUrtsev. Avtom., telem. i svviaz' 6 no. 2 15 F '62.

POLAND—BOUNDARIES

"Poland, Germany, and the Oder-Neisse border line" [in German] Reviewed by A. Akhtamzian. Mir. ekon. i mezhdunar. otn. no. 4:147-150 Ap '62.

POLAND—CITIES AND TOWNS

"Geographical studies on the stimulation of the economic development of small cities" (in Polish) edited by K. Dziewonski and others Reviewed by I.V. Knobel'sdorf. Izv. Vses. geog. ob-va 94 no. 1:92-95 Ja-F '62.

POLAND—COMMERCE

Methods of determining the economic effectiveness of foreign trade in Poland. G. Shagalov. Vnesh. torg. 42 no. 3:10-23 '62.

POLAND—COMMUNISM

"History of Leninist ideas in Poland" [in Polish]. Reviewed by V.I. Svintsov. Ist. SSSR 6 no. 2 211-214 Mr-Ap '62

POLAND—COMMUNIST PARTY

V.I. Lenin's letter to the Polish Communists Kommunist 39 no. 6:16-17 Ap '62.

V.I. Lenin's letter to the Polish Communists Part. zhizn' no. 8:3-4 Ap '62.

POLAND—CONSTITUTION

"Constitution as the fundamental law of the Polish People's Republic" [in Polish] by S. Rozmaryn Reviewed by A. Kh. Makhnenko Sov. gos. i pravo 32 no. 4 144-147 Ap '62.

POLAND—CREDIT

Some problems in the theory of credit in the people's democracies. D. Butakov. Den. i kred. 20 no. 3:37-45 Mr '62.

POLAND—DESCRIPTION AND TRAVEL

Lands which Adenauer would like to annex. Pavlo Kalenychenko. Ukraina no. 6 10-11 Mr '62

POLAND—ECONOMIC GEOGRAPHY

"Geographical studies on the stimulation of the economic development of small cities" (in Polish) edited by K. Dziewonski and others Reviewed by I.V. Knobel'sdorf. Izv. Vses. geog. ob-va 94 no. 1 92-95 Ja-F '62.

POLAND—FISHERIES

"Annals of agricultural sciences Vol. 77 Series B, Animal sciences No. 2" [in Polish] Reviewed by V.M. Ivasik. Vop. ikht. 2 no. 1, 204-205 '62.

POLAND—FISHING BOATS

Polish fishing boats. B. Pradzynski. Ryb. khoz. 37 no. 10:77-83 '61

POLAND—GLASS MANUFACTURE

Development of the Polish glass industry. V. Kozlovskii. Stek. i ker. 19 no. 2:42-43 F '62.

POLAND—PARACHUTE TROOPS

Landing operation. B. Kowalski. Sov. voin. 44 no. 5: 25-27 Mr '62.

POLAND—RAILROADS

Expansion of railroad transportation in the Polish People's Republic. S.V. Makeev. Zhel. dor. transp. no. 3 78-82 Mr '62.

POLAND—SHAFT SINKING

Methods for sinking shafts used in the Polish People's Republic. S.P. Mikhalenkov. Biul. tekh.-ekon. inform. no. 2:87-89 '62.

POLAND—SOCIAL CONDITIONS

"Recollections of a mother" by Marcjanna Fornalska. Reviewed by R. Kovnator. V mire knig 2 no. 2:5-7 F '62.

POLAND—THEATER

In Poland, Marila Chanerle and others. Teatr. 23 no. 3:131-140 Mr '62.

POLAR REGIONS—GEOLOGY—BIBLIOGRAPHY

New literature on minerals and the geology of the Arctic and Antarctic regions Inform. biul. NIIGA no. 16 73-95 '59.

POLAR REGIONS—GEOLOGY, STRUCTURAL

Symmetric sectors in the distribution of principal forms of macrorelief in the Arctic and Antarctic regions in connection with the recent tectonic blocks P.S. Voronov. Inform. biul. NIIGA no. 16, 12-18 '59

POLARIZATION (LIGHT)
Accuracy of determining the optical constants of absorbing substances by the rotating polarizer method A. P. Prishivalko Dokl AN BSSR 5 no 10 433-437 O '61
Fluorescence polarization of complex molecules L G Pikulik, V N Snopko Dokl AN BSSR 6 no 3 155-158 Mr '62
Polarization of clear day sky at the zenith [with summary in English] I K Kokhan Biul Abast astrofiz. obser no. 26 95-104 '61

POLAROGRAPH
Exchange of experience Zav lab. 28 no 2 249 '62

POLAROGRAPHY
Determination of potassium, sodium, and their sum by the method of derivative polarography V D Skobets, I L Aberbarchuk, E. M. Skobets. Ukr khim zhur., 28 no. 2:251-259 '62.
Polarographic method for the simultaneous determination of divalent and tetravalent lead in minium. Z. Edlinskii, M. Filipska. Lakokras mat i ikh prim no. 6 52-55 '61
Polarographic study of oxides of zinc, germanium, chromium, molybdenum, and tungsten on a fused borax background. G V. Shilina, N. V. Ul'ko. Ukr. khim. zhur. 28 no. 2 172-179 '62.
Polarographic study of the Ti^{IV} - Ti^{III} system in solutions of hydrobromic acid A I Korotushinskaia, A. G. Stromberg Zhur neorg khim 7 no 2 291-297 F '62
Polarographic study of water-propanol solutions. O. I. Khotsianovskii Zhur neorg. khim 7 no 2 390-393 F '62
Stradins, Janis. [Polarography of organic nitro compounds] Polarografiia organicheskikh nitrosoedinenii. Riga, Izd-vo Akad. nauk Latvliskoi SSSR, 1961. 162 p. [With summaries in Latvian and English]

POLESYE—AGRICULTURE
Danylevs'ka, M. S., I. N. Hlushchenko, and K. I. Salchuk. [Attacking the Polesye virgin lands] Nastup na polis'ku tsilynu. Kyiv, Kyivs'ke oblasne knyzhkovo-gazetne vyd-vo, 1961. 42 p.
(DA)

POLESYE—ALGAE
Study on seasonal dynamics of the development of Euglenophyta in ponds of the West Ukrainian Polesye [with summary in English]. Z I. Asaul Ukr. bot. zhur. 18 no. 6 56-62 '61

POLIOMYELITIS
(see also subdivision under Latvia, Tashkent)
Clinical aspects of poliomyelitis in vaccinated children E. N. Dronskaia. Med zhur Uzb no 1 36-40 Ja '62.
Clinical treatment of the pontine form of poliomyelitis in children. A. I. Berman, Kh M. Munavarova Med zhur Uzb no 1 34-38 Ja '62.
Efimova, A. V., L. I. Kon'kova, and L. V. Malakhova. [Care of children with the sequelae of poliomyelitis] Ukhod za det'mi s posledstviiami poliomielita. Moskva, Medgiz, 1961. 136 p.
(DNLM)
High frequency currents in the treatment of poliomyelitis in adults [with summary in English] M M. Antkin, M. V. Rumiantseva-Russkikh. Zhur nevr. i psikh. 61 no. 8 1122-1126 '61
Treatment in specialized crèches of groups of infants who have had poliomyelitis. K. I. Ivanova, O P. Zaidel'. Ortop., travm. i protez. no. 2:47-51 '62.

POLIOMYELITIS—PREVENTION see subdivision under Kazakhstan; Kemerovo Province

POLIOMYELITIS VACCINE
Separability of the poliomyelitis virus in those innoculated with live attenuated vaccine. L. N. Astakhova and others. Vop. virus. 7 no. 1:121 Ja-F '62.

POLITICAL CRIMES AND OFFENSES
Russia (1923- U. S. S. R.) Laws, statutes, etc. [Theoretical and practical commentaries on the law of criminal responsibility for political crimes and offenses] Nauchno-prakticheskii komentarii k zakonu ob ugolovnoi otvetstvennosti za gosudarstvennye prestupleniia. [By] V. D. Men'shagin, B. A. Kurinov. Otvet. red. P. S. Romashkin 2., perer. izd. Moskva, Gos. izd-vo jurid. lit-ry, 1961. 111 p.

POLITICAL SCIENCE
Is the so-called "free world" really free? M Akopov. Komm. Ukr. 37 no. 3 50-59 Mr '62
La Boetie, Estienne de. [Discourse on voluntary servitude. Translated from the French] Rassuzhdenie o dobrovol'nom rabstve. 2. izd. Perevod i kommentarii F. A. Kogan-Bernshtein. Moskva, Izd-vo Akad. nauk SSSR, 1962. 146 p. (Akademiia nauk SSSR. Literaturnye pamiatniki)

POLITICAL SCIENCE—STUDY AND TEACHING
Tasks of the party in the field of further development of the Soviet state and socialist democracy. G. A. Borodach, G. A. Konukhov, A. K. Selivanov. Sred. spets. obr. 9 no. 2:51-55 F '62.

POLLEN
Conditions of preservation and viability of corn, strawberry, and apple pollen. A. R. Vernet, K. E Tret'iakova. Trudy TSSBS no. 5 89-97 '61.
Effect of the solution of pollen gametes on the type formation in plants. F. A. Ponomarenko. Agrobiologiia no 1: 132-138 Ja-F '62.
Pollen morphology of the family Hydrangeaceae Dum. V. Sh. Agababian. Izv. AN Arm. SSR, Biol. nauki 14 no. 11 17-26 N '61.
Viability of apple pollen during the development of the flower. V. G. Minaeva. Trudy TSSBS no. 5 99-104 '61.

POLLINATION see Fertilization of plants

POLONIUM
Method for preparing polonium alpha emitters of low activity. I N Plaksin, IU S. Deev, L P Starchik Atom. energ. 12 no 4:322-324 Ap '62

POLONIUM—PHYSIOLOGICAL EFFECT
Effect of small doses of polonium on the intestinal microflora and some indices of natural immunity in dogs. Report No. 3 [with summary in English]. O. R Nemirovich-Danchenko Zhur. mikrobiol., epid. i immun. 33 no. 2 56-62 F '62

POLONSKII, VLADIMIR PAVLOVICH, 1912-
Vladimir Polonskii; on his 50th birthday. Izv. AN Est. SSR. Ser. fiz.-mat. i tekh. nauk no. 1:73-74 '62.

POLTAVA PROVINCE—AGRICULTURAL EXPERIMENT STATIONS
Kiev. Vsesoiuznyi nauchno-issledovatel'skii institut sakharnoi svekly. [Scientific works of the Veselyy Podol Agricultural Experiment Station for 1027-1956] Nauchnye trudy Veselopodolianskoi opytno-selektsionnoi stantsii za 1927-1956 gg. Kiev, Izd-vo Ukrainskoi akad. sel'khoz. nauk, 1961. 156 p.
(DA)

POLTAVA PROVINCE—AGRICULTURE
Komiakhov, V. G. [Organizational work is a guarantee of success] Organizatorskaia rabota - zalog uspekha. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1962. 78 p.

POLTAVA PROVINCE—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK
Komiakhov, V. G. [Organizational work is a guarantee of success] Organizatorskaia rabota - zalog uspekha. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1962. 78 p.

POLTAVA PROVINCE—CORN (MAIZE)
Our experience in the struggle for the high yield of corn. V. Komiakhov Komm Ukr. 37 no. 2:54-61 F '62.

POLTAVA PROVINCE—RETAIL TRADE
A village soviet and a rural consumers' cooperative. Sov. deput. trud no. 3:41-42 Mr '62

POLTAVA PROVINCE—SUGAR BEETS
Kiev. Vsesoiuznyi nauchno-issledovatel'skii institut sakharnoi svekly. [Scientific works of the Veselyy Podol Agricultural Experiment Station for 1027-1958] Nauchnye trudy Veselopodolianskoi opytno-selektsionnoi stantsii za 1927-1956 gg. Kiev, Izd-vo Ukrainskoi akad. sel'khoz. nauk, 1961. 156 p.
(DA)

POLTSAMAA (ESTONIA)—CANNING INDUSTRY
Poltsamaa workers set new boundaries. K Metsis Sov potreb koop 6 no 3 32-33 Mr '62

POLYAMIDES
Polymer synthesis. Part 4: Synthesis of mixed polyamides based on xylylenediamine, hexamethylenediamine, and adipic acid [with summary in English]. S. R Rafikov and others. Vysokom. soed. 4 no 3:414-418 Mr '62.

POLYAMIDES—ELECTRIC PROPERTIES
Electric conductance of a polyamide melt. V. V. Bushin, I. A. Dumanskii, A. V. Dumanskii. Dokl. AN SSSR 143 no. 4:804-805 Ap '62.

POLYARNYY (MURMANSK PROVINCE)—DOUGH
Preparation of liquid leaven at the Polyarnyy Bakery. N. M. Khokhlova, M. N. Loushkina. Khleb. i kond. prom. 6 no. 3:40-41 Mr '62.

POLYELECTROLYTE SOLUTIONS see Electrolyte solutions

POLYETHYLENE
Catalytic polymerization of olefins Part 3. Effect of the Ziegler catalyst composition on the molecular weight of polyethylene [with summary in English]. A. G. Pozamantir, A. A. Korotkov, I. S. Lishanskii. Vysokom. soed. 3 no. 12:1769-1773 D '61.
Control of the wettability of polyethylene films. A. A. Sinegub-Lavrenko. Dokl. AN SSSR 143 no. 4 926-927 Ap '62.
Evaluation of the flexibility of polyethylene chains from sorption data. T. V. Gatovskaia and others. Dokl. AN SSSR 143 no. 3:590-591 Mr '62.

POLYGONACEAE
Investigating some plant species of the buckwheat family with regard to their vitamin content F V Ivanov Trudy Len. khim.-farm. inst. 12 179-184 '61.

POLYHEDRA
Regular polyhedra on a closed surface with the Euler characteristic $X=-1$ A S Gnek. Trudy mat. inst. AN Gruz. SSR 27 103-112 '60
Theory of stereohedrons B. Delaunay, I. I Sandakova Trudy Mat. inst. 64:28-51 '61.

POLYMERIZATION
Carbochain polymers and copolymers Part 37. Polymerization and copolymerization of diphenyl vinylphosphinate [with summary in English] E. F. Rodionova and others. Vysokom. soed 4 no 3,448-451 Mr '62
Energy transfer processes in polymerization reactions [with summary in English]. A. M North. Vysokom soed 3 no 12:1874-1875 D '61
Ion exchange resins as catalysts for polymerization of unsaturated hydrocarbons N G. Poliakovskii, P E. Tulupov, E. F. Fedorov Kin i kat 3 no 1 162 '62
Kinetics and mechanism of the polymerization of α-olefine on complex catalysts Part 5 Kinetics of ethylene polymerization on $TiCl_4$ - $Al(iso\text{-}C_4H_9)_2Cl$ [with summary in English] L N. Meshkova and others Vysokom soed. 3 no. 12 1816-1822 D '61
Measuring the degree of polymerization by the method of dielectric losses [with summary in English] S E. Breeler and others. Vysokom soed. 4 no 3 419-422 Mr '62.
Nitrogen-containing peroxide compounds as initiators of vinyl monomer polymerization Part 1 [with summary in English] N M. Lapshin and others Vysokom soed 3 no 12:1794-1799 D '61
Polymerization of allylbenzene in the presence of a Ziegler type catalytic system A. V. Topchiev, G. I. Chernyi, V. N. Andronov Dokl. AN SSSR 143 no 4 879-882 Ap '62.
Polymerization of isopropenyl heterocyclic compounds Part 2: 2-Isopropenylfuran [with summary in English] A. M. Poliakova, V. V. Korshak, N. A. Lipatnikova Vysokom. soed. 4 no. 3:334-338 Mr '62.
Polymerization of styrene in the presence of the glass fiber treated by titanium tetrachloride [with summary in English]. T. E. Lipatova, L. S Skorynina, IU S Lipatov Vysokom. soed. 3 no. 12 1877 D '61
Polymerization of unsaturated compounds in the presence of metallic potassium and organopotassium compounds in hydrocarbon media [with summary in English] R. V Basova, A. R. Gantmakher. Vysokom. soed. 4 no 3: 361-365 Mr '62.
Relationship between the capacity of organometallic compounds for exchanging organic groups, and their catalytic activity in polymerization [with summary in English] L. M Nazarova, G. E. Aleksandrova. Vysokom soed 3 no 12 1822-1826 D '61
Selective interaction in polymer chains. Part 2: Effect of hydrogen bonds on the kinetics of methyl methacrylate and methacrylic acid copolymerization [with summary in English]. P. Smetlek, S. IA. Frenkel' Vysokom. soed. 4 no. 3:429-432 Mr '62.
Study of the emulsion (latex) polymerization of styrene [with summary in English]. G D. Barezhnoi, P. M Khomikovskii, S. S. Medvedev Vysokom soed. 3 no. 12 1839-1846 D '61.
Synthesis of new derivatives of cellulose and other polysaccharides Part 17 Synthesis of graft copolymers of cellulose and polymethylvinylpyridine [with summary in English]. IU. G. Kriazhev, Z A. Rogovin Vysokom soed 3 no. 12, 1847-1852 D '61
Theory of heterophase polymerization. Part 1-Molecular weight distribution in the suspension polymerization of a water soluble monomer [with summary in English]. S. IA. Frenkel'. Vysokom. soed. 4 no. 3:303-402 Mr '62.

POLYMERS
Apparatus for measuring the dielectric losses and dielectric constant of solid polymer dielectrics G. P Mikhailov, V. A Shevelev, D. A. Dmitrochenko Zav lab 28 no 2 234-236 '62.
"Autohesion and adhesion of high polymers" by S. S. Voiutskii. Reviewed by G. L. Slonimskii. Vysokom. soed. 3 no. 12 1878-1879 D '61.
Coordination polymers. Part 8 Polymers based on aromatic o, o'-dihydroxydicarboxylic acids and bivalent metals [with summary in English]. V. V. Korshak, S V. Rogozhin, V. I. Vaikov Vysokom. soed. 3 no. 12 1808-1815 D '61
Evaluating the packing density of chains of solid polymers Part 3. Crystalline polymers [with summary in English]. A. A. Tager, M V. TSilipotkina, D. M. Romanova Vysokom. soed 3 no. 12:1857-1859 D '61.
Evaluating the packing density of chains of solid polymers Part 4: Isotactic polystyrene [with summary in English]. A. A. Tager, M. V. TSilipotkina. Vysokom soed 3 no 12:1860-1862 D '61
Internal stresses of polymer coatings and methods for measuring them. P. I. Zubov, L. A. Lepilkina. Lakokras mat. i ikh prim. no. 5:19-27 '61.
Methods for increasing frost resistance of polymers. V V Chernaia, R L. Vol'chenko. Usp khim 31 no 3 336-350 Mr '62.

POLYMERS (Continued)

Mokhnach, V. O. [Iodine compounds with high polymers, their antimicrobial and therapeutic properties] Soedineniiaioda s vysokopolimerami, ikh antimikrobnye i lechebnye svoistva, Moskva, Izd-vo Akad. nauk SSSR, 1962. 176 p.

Phenomenon of dimerization in vapors of alkali metals and calculation of their thermophysical properties up to a temperature of 1500°C [with summary in English] L. D. Voliak. Inzh.-fiz. zhur. 5 no. 3:51-57 Mr '62.

Phosphorylation of polymers by phosphorus pentasulfide [with summary in English] G. F. Bebikh, V. K. Kuskov, L. V. Gur'ianova. Vysokom. soed. 3 no. 12:1853-1856 D '61.

Polymers with conjugated bonds and heteroatoms in conjugated chains. Part 10. Some properties of aniline black [with summary in English] V. P. Parini, Z. S. Kazakova, A. A. Berlin. Vysokom. soed. 3 no. 12:1870-1873 D '61.

Radiation and polymers. V. L. Kabanov. Khim. v shkole 17 no. 2:8-15 Mr-Ap '62.

Synthesis of linear polytriethylsiloxyaluminо- and polytriethylsiloxytitanedimethylsiloxanes [with summary in English] Z. N. Nudel'man, K. A. Andrianov, G. B. Fudriavitskaia. Vysokom. soed. 4 no. 3:440-447 Mr '62.

Thermal copolymers of cyclopentadiene with vegetable oils. G. L. Iukhnovskii, A. V. Chernobai. Lakokras. mat. i ikh prim. no. 6:20-22 '61.

Use of polymers in esophageal surgery. T. T. Daurova. Grud. khir. 3 no. 6:100-105 N-D '61.

Utilization of products of the thermal oxidative degradation of styrol-butadiene copolymers as film-forming materials. L. S. Okhrimenko, T. P. Vasil'eva. Lakokras. mat. i ikh prim. no. 5:31-34 '61.

Ways of producing strong and superstrong polymers. V. I. Ivanov. Vest. AN Kir. SSR no. 2:17-24 '61.

POLYMERS—BIBLIOGRAPHY see Bibliography—Polymers

POLYMERS—SPECTRA

Analysis of asymmetrical lines in electron paramagnetic resonance spectra as a method of studying internal movements in polymers. I. A. S. Lebedev, Iu. D. Svetkov, G. M. Zhidomirov. Zhur. strukt. khim. 3 no. 1:21-27 Ja-F '62.

POLYMERS, HIGH see Macromolecular compounds

POLYMETHYLENE COMPOUNDS

Carbochain polymers and copolymers. Part 38. Reaction of isotactic polymethyl methacrylate with polyethylene azelate [with summary in English]. G. S. Kolesnikov, G. T. Gurgenidze. Vysokom. soed. 4 no. 3:452-454 Mr '62.

POLYMYXIN

Chemistry of polymyxin M. Part 5. Identification of fatty acid. A. B. Silaev, E. P. Ilikova, L. A. Baratova. Zhur. ob. khim. 32 no. 3:818-820 Mr '62.

Experimental polymyxin M therapy of bacillary dysentery in monkeys [with summary in English]. I. S. Gvazava, and others. Antibiotiki. 7 no. 4:327-331 Ap '62.

A new variation of the method for determining polymixin in culture fluids. V. D. Kartseva, B. P. Bruns. Med. prom. 15 no. 6:49-50 Je '61.

Study of the effectiveness of polymyxin M in dysentery in an experiment and in the clinic [with summary in English]. Z. V. Ermol'eva and others. Antibiotiki. 6 no. 11:964-968 N '61.

Treatment of dysentery and coli enteritis with a new antibiotic polymyxin M. N. V. Gladkova, A. D. Semenova, I. N. Krasnova. Pediatriia no. 2:65-69 '62.

POLYNEURITIS see Neuritis, Multiple

POLYNOMIALS

Dynamic system linked with the distribution of fractional portions of a second-degree polynomial. N. M. Akulinichev. Dokl. AN SSSR. 143 no. 3:503-505 Mr '62.

Evaluation of polynomials from schemes with preliminary processing of coefficients, and program for automatic calculation of parameters. V. IA. Pan. Zhur. vych. mat. i mat. fiz. 2 no. 1:133-140 Ja-F '62.

Linear polynomial operations. D. L. Berman. Dokl. AN SSSR. 143 no. 4:759-762 Ap '62.

Piecewise polynomial approximation [with summary in German]. I. Peterson. Izv. AN Est. SSR. Ser. fiz.-mat. i tekh. nauk. no. 1:24-32 '62.

POLYPLOIDY

Preliminary study of polyploid radishes produced by treatment with colchicine. E. I. Tarasevich. Dokl. AN BSSR. 5 no. 10:470-474 O '61.

POLYPROPYLENE

Heat of combustion of polypropylene of various structure [with summary in English]. E. Z. Fainberg and others. Vysokom. soed. 4 no. 3:463-467 Mr '62.

POLYSACCHARIDES

Determination of the insusceptibility to plague using a polysaccharide allergen [with summary in English]. M. M. Faibich, S. A. Dzhrylgasov. Zhur. mikrobiol., epid. i immun. 33 no. 2:48-52 F '62.

Influence of bacterial polysaccharides on tissue regeneration under experimental conditions [with summary in English]. A. I. Braude and others. Biul. eksp. biol. i med. 52 no. 7:107-110 Jl '61.

On the occasion of the 150th anniversary of the discovery of the hydrolysis reaction of polysaccharides. D. V. Zheltukhin. Khim. v shkole. 17 no. 2:16 Mr-Ap '62.

Polysaccharides in the epithelium of the cornea and mucous membrane of the eye in embryogenesis [with summary in English]. V. A. Vasil'eva. Arkh. anat. gist. i embr. 41 no. 12:30-33 D '61.

PONCELET, JEAN VICTOR, 1788-1867

Poncelet's autograph. N. M. Beskin. Mat. v shkole. no. 6:96, 204 '61.

POPES

On the Vatican Hill. Volodymyr Vil'nyi. Volov. ateist. no. 3:55-60 Mr '62.

POPLAR see subdivision under Ukraine

POPLAR—FERTILIZERS AND MANURES

Local introduction of fertilizers under poplars. S. I. Slukhai. Dop. UASHN. 3 no. 2:36-38 Mr-Ap '60.

POPOV, ALEKSANDR STEPANOVICH, 1859-1906

Radovskii, M. I. [Aleksandr Stepanovich Popov; a biographic sketch] Aleksandr Stepanovich Popov; biograficheskii ocherk. Moskva, Izd-vo Akad. nauk SSSR, 1956. 205 p. (Akademiia nauk SSSR. nauchno-populiarnaia serila)
(ICMILC)

POPPY

Metabolism of placenta and synthesis of fats in the poppy seeds [with summary in English]. V. E. Pontovich. Fiziol. rast. 9 no. 1:32-40 '62.

Phenology of the embryogenesis of the opium poppy (Papaver somniferum L.). G. M. Il'ina. Nauch. dokl. vys. shkoly, biol. nauki no. 1:116-118 '62.

Shuteev, M. F., and F. G. Nosovets. [Experience in cultivating the opium poppy] Opyt vozdelyvaniia opiinogo maka. Frunze, Kirgizskoe gos. izd-vo, 1961. 43 p.
(DA)

POPULATION

Significance of the geography of population for economic regionalization. V. V. Pokshishevskii. Izv. AN SSSR. Ser. geog. no. 2:116-125 Mr-Ap '62.

POPULISM (NARODNICHESTVO)

Tkachenko, P. S. ["Land and liberty," an organization of revolutionary populists, 1876-1879] Revoliutsionnaia narodnicheskaia organizatsiia "Zemlia i volia" (1876-1879 gg.). Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 206 p.

Two Polish book on Russian populists. V. A. D'iakov, T. G. Snytko. Ist. SSSR. 6 no. 1:209-214 Ja-F '62.

V. I. Lenin's interpretation of the revolutionary populism of the 1870's. Sh. M. Levin. Ist. SSSR. 6 no. 2:19-41 Mr-Ap '62.

PORCELAIN

(see also subdivision under Baranovka)

Rapid drying of porcelain. N. A. Zakharikov, S. A. Blokh. Stek. i ker. 18 no. 11:26-28 N '61.

PORCELAIN—SPECTRA

Exchange of experience. Zav. lab. 28 no. 2:188 '62.

PORTAL HYPERTENSION

Clinical evaluation of splenoportography in the diagnosis of portal hypertension [with summary in English]. S. A. Borovkov. Vest. khir. no. 9:49-55 '61.

Study of blood circulation in the portal and hepatic vein system in portal hypertension [with summary in English]. E. D. Mozhaiskii. Vest. khir. no. 9:55-61 '61.

Surgical treatment of complications in portal hypertension [with summary in English]. Z. K. Duplik. Vest. khir. no. 9:61-64 '61.

PORTAL VEIN—RADIOGRAPHY

Clinical evaluation of splenoportography in the diagnosis of portal hypertension [with summary in English]. S. A. Borovkov. Vest. khir. no. 9:49-55 '61.

PORTLAND CEMENT

Admissible fluctuations of the CaO and MgO content in clinker of fused Portland cement [with summary in German]. M. Killer. Izv. AN Est. SSR. Ser. fiz.-mat. i tekh. nauk. 10 no. 2:143-149 '61.

Theoretical principles of the production of new expanding waterproof compositions based on portland cement. O. P. Mchedlov-Petrosian, L. G. Filatov. Dokl. AN SSSR. 143 no. 2:380-383 Mr '62.

PORTS see Harbors

PORTSMOUTH, TREATY OF, 1905

Kutakov, L. N. [The Treaty of Portsmouth; history of Japanese relations with Russia and the U. S. S. R. from 1905 to 1945] Portsmutskii mirnyi dogovor; ir istorii otnoshenii IAponii s Rossiei i SSSR, 1905-1945 gg. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 289 p.

PORTUGAL—POLITICS AND GOVERNMENT

Heroic struggle of the Portuguese people. Manuel Branko. Vsem. prof. dvizh. no. 3:21-23 Mr '62.

PORTUGAL—TRADE UNIONS

Heroic struggle of the Portuguese people. Manuel Branko. Vsem. prof. dvizh. no. 3:21-23 Mr '62.

POSITRONS

[Annihilation of positrons in solids. Translated with les. Preface by G. S. Zhdanov] Annigilatsiia pozitronov v tverdykh telakh, sbornik statei. Moskva, Izd-vo inostr. lit-ry, 1960. 220 p. [Problemy fiziki]

POSTAGE STAMPS see subdivision under Africa, Tanganyika

POSTAGE STAMPS—COLLECTORS AND COLLECTING

New stamps. Sov. kaluzh. torg. 14 no. 3:16-17 Mr '62.

POSTAL CARDS—COLLECTORS AND COLLECTING

Always ready to help. Sb. Gershuni. Sov. kaluzh. torg. 14 no. 3:16 Mr '62.

POSTAL SERVICE—FOREIGN MAIL

Russia (1923- U. S. S. R.) Glavnoe pochtovoe upravlenie. [Manual for the sorting and classifying of international mail at post offices in the U. S. S. R.] Posobie po obrabotke i oformleniiu mezhdunarodnoi pochty v mestakh mezhdunarodnogo pochtovogo obmena SSSR. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1960. 90 p.

POSTOPERATIVE CARE

Care of patients following an operation for a gastric ulcer. L. S. Gudkova. Med. sestra. 21 no. 2:48-51 F '62.

Management of the postoperative period in operations on the bile ducts [with summary in English]. L. A. Zhukovskaia. Khirurgiia no. 3:14-19 '62.

Postoperative period. M. D. Purik. Med. sestra. 20 no. 12:26-32 D '61.

Preparing a patient for abortion and postoperative care. E. N. Khudiakova. Med. sestra. 20 no. 12:50-51 D '61.

POTASSIUM

(see also subdivision under Lavozero Tundras)

Determining the constant of β-decay of K^{40}. D. G. Fleishman, V. V. Glazunov. Atom. energ. 12 no. 4:320-322 Ap '62.

Interaction of potassium with hydrogen. V. I. Mikheeva, M. M. Sukrakhina. Zhur. neorg. khim. 7 no. 4:869-873 My '62.

POTASSIUM—ANALYSIS

Determination of potassium, sodium, and their admixtures by the method of derivative polarography. V. D. Skobets, I. I. Abarbanchuk, T. M. Skobets. Ukr. khim. zhur. 28 no. 2:251-259 '62.

Photoelectrocolorimetric determination of large amounts of potassium in solution. M. V. Korolenia and others. Izv. vyss. ucheb. zav., khim. i khim. tekh. 4 no. 5:1037-1040 '61.

Rapid determination of potassium as the cobaltinitrite with EDTA ending of the analysis. B. I. Sotbel'tman. Ukr. khim. zhur. 28 no. 2:242-245 '62.

POTASSIUM—PHYSIOLOGICAL EFFECT

Effect of narcotics on the reactivity of the skeletal muscle to acetylcholine and potassium ions [with summary in English]. E. V. Moreva. Biul. eksp. biol. i med. 52 no. 11:65-69 N '61.

POTASSIUM CHLORIDE

Potassium chloride as a saline diuretic [with summary in English]. G. S. Atamanov. Terap. arkh. 34 no. 3:111-115 '62.

Solubility polytherm of the system $K, Cl - KCl - H_2O$. E. K. Akopov. Zhur. neorg. khim. 7 no. 2:305-310 F '62.

POTASSIUM CHLORIDE—PHYSIOLOGICAL EFFECT

Effect of adrenaline on contractures of the fibers of striated muscle in the frog produced with potassium chloride and proserine [with summary in English]. R. S. Rybolovlev. Biul. eksp. biol. i med. 52 no. 11:62-65 N '61.

POTASSIUM COMPOUNDS

Sulfur-containing tricyanonickelate of potassium. A. N. Sergeeva, K. N. Mikhalevich. Zhur. neorg. khim. 7 no. 3:686-688 Mr '62.

POTASSIUM DICHROMATE

Determination of methyl alcohol with potassium dichromate. O. N. Karpov. Izv. vys. uchebn. zav., Neft' i khim. tekh. 4 no. 6:1030-1041 '61.

POTASSIUM IN THE BODY

Comparative evaluation of the results of studying the content of sodium and potassium in the plasma, whole blood and erythrocytes in some internal diseases. N. A. Ardamatskii and others. Terap. arkh. 34 no. 3:81-84 '62.

POTASSIUM ORGANIC COMPOUNDS

Polymerization of unsaturated compounds in the presence of metallic potassium and organopotassium compounds in hydrocarbon media [with summary in English]. R. V. Basova, A. R. Gantmakher. Vysokom. soed. 4 no. 3:361-365 Mr '62.

POTASSIUM SALTS

Valiashko, M. G. [Geochemical features of the formation of deposits of potassium salts] Geokhimicheskie zakonomernosti formirovaniia mestorozhdenii kalinnykh solei Pod red A P. Vinogradova. [Moskva] Izd-vo Mosk. univ., 1962. 396 p.

POTATO BREEDING

Possibility of induced type formation in intervarietal potato hybrids A. M. Favorov, V. G. Vlokh. Agrobiologiia no 1 85-89 Ja-F '62.

POTATOES
(see also subdivision under Lithuania)

Content of pigments in potatoes exposed to light in different seasons and later stored in a dark place A. S. Vecher, M. T. Chaika, K. I. Predkel'. Biul. Inst. biol. AN BSSR no. 6:175-178 '61.

Cooking potato pulp in a combined processing of potatoes. P. A. Chatskii, N. A. Shirobokov. Spirt. prom. 28 no. 2: 28-30 '62.

Dynamics of the distribution of catalase and peroxidase activity in potato plants [with summary in English]. M. Kh. Melotkovs'kyi, M. M. Dudzanivs'kyi. Ukr. bot. zhur. 18 no. 6 11-15 '61.

Effect of fertilizers on the properties of potato seeds O. IU. Romaniuk. Dop. UASHN 3 no. 2 10-11 Mr-Ap '60.

Effect of pinching and mowing of tops on the yield and seed quality of potatoes. R. S. Babaian. Izv. AN Arm. SSR, Biol. nauki 14 no. 11 87-92 N '61.

Problems concerning the economic efficiency of raising potatoes in suburban areas V. P. Horodov. Dop. UASHN 3 no. 2 3-6 Mr-Ap '60.

Results of the study of the separation of healthy potato tubers from degenerated ones O. I. Onyshchenko. Dop. UASHN 3 no. 2 7-9 Mr-Ap '60.

Variability of the beginning dates of developmental phases of potatoes and the accuracy of mean phenological data for a period of many years O. M. Popovskaia. Meteor. i gidrol. no. 3 37-39 Mr '62.

POTATOES—DISEASES AND PESTS

Naumova, N. A. [Potato late blight] Fitoftora kartofelia. Leningrad, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 180 p.
(DA)

POTATOES—STORAGE see subdivision under China

POTATOES—VARIETIES

Roze, Karlis. [New varieties of potatoes] Jaunas kartupelu sakrnes. Riga, Latvijas PSR Zinatnu akad. Izdevnieciba, 1961. 57 p. [In Latvian]
(DA)

POTENTIAL, THEORY OF

Method of quantum Green's functions in the theory of multiple-phonon transitions. S. V. Tiablikov, V. A. Moskalenko. Trudy Mat. inst. 64:267-283 '61.

Oscillatory properties of fundamental functions in third-order boundary value problems. P. D. Kalafati. Dokl. AN SSSR 143 no. 3:518-521 Mr '62.

Solution of the basic boundary value problem for a polyharmonic equation of the fourth order in a plane with the method of potentials. Part 3. O. I. Panich. Izv. vys. ucheb. zav.; mat. no. 6:89-96 '61.

POTENTIOMETER

Use of the EPP-09 automatic electronic potentiometer in recording the radiation flux A. IA. Myl'nikova. Sbor. rab. Tsim. gidromet. obser. no. 2:36-42 '61.

POTENTIOMETRIC ANALYSIS

Quantitative determination of salts and their mixtures with acids and bases by potentiometric titration in a methyl ethyl ketone medium. Z. P. Krashkov, A. N. IArovenko, L. IA. Zel'manova. Dokl. AN SSSR 143 no. 2, 348-350 Mr '62.

POTTED PLANTS see Plants, Potted

POTTERY see subdivision under Kazakh District, Murees Valley

POULTRY
(see also subdivision under Ignalina District, Kalininskiy District, Kanevskaya District, Latvia; Ukraine)

Jackunas, Kazis. [Raising young poultry] Pauksciu pricauglio auginimas. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 44 p. (Zemes ukio pirmunu patyrimas) [In Lithuanian]
(DA)

Pabiaka, R. [Nonutilized reserves in meat production] Neizmantotas rezerves galas razosana. Riga, Latvijas lopkopibas un veterinarijas zinatniski petnieciskais institute, 1961. 12 p. [In Latvian]
(DA)

Petersone, I. [Maintaining poultry on deep litter] Putnu turesana dzilajas kutis. Riga, Latvijas Valsts izdevnieciba, 1961. 21 p. (Lopkopja bibliotekа) [In Latvian]
(DA)

Use of donor blood components by chicken recipients. B. S. Nikol'skii, A. M. Gromov. Agrobiologiia no. 1:125-131 Ja-F '62.

Vegetation and the associated animal world in the waters of Rostov Province and their role and food value in fish culture and poultry husbandry V. G. Mushenko. Sbor. nauch.-issl. rab. Azovo-Chernomor. sel'khoz. inst. 18 111-124 '60.

POULTRY—DISEASES AND PESTS
(see also subdivision under Krivoy Rog Basin)

Chickens as a reservoir of Salmonella [with summary in English]. F. L. Vydrina. Zhur. mikrobiol., epidem. i immun. 33 no. 1 68-72 Ja '62.

POULTRY—FEEDING AND FEEDS

Effect of occupational workloads on the extremities of female workers engaged in the mechanized fattening of poultry [with summary in English] I. N. Nikitskii. Gig. truda i prof. zab. 5 no. 6 19-22 Je '61.

Valdmanis, Andrejs. [Studying standards for vitamin nutrition in swine and poultry breeding, instruction methods] Izuchenie norm vitaminnogo pitaniia v svinovodstve i ptitsevodstve, metodicheskie ukazaniia. Riga, Izd-vo Akad. nauk Latvitskoi SSR, 1961. 37 p.
(DA)

POULTRY WORKERS—DISEASES AND HYGIENE

Effect of occupational workloads on the extremities of female workers engaged in the mechanized fattening of poultry [with summary in English] I. N. Nikitskii. Gig. truda i prof. zab. 5 no. 6 19-22 Je '61.

POWDER METAL PROCESSES

"Industrial technological processes and the use of porous bearings" by A. D. Moshkov, IA. V. Uspenskii, Reviewed by N. Z. Pozdniak. Vest. mash. 42 no. 3 91-92 Mr '62.

Nodulizing the products of the direct production of iron I. I. Rovenskii, A. V. Mertlin. Obog. rud. 7 no. 1 34-36 '62.

POWELLITE

Autoclave leaching of powellite concentrates. V. I. Starshenko, A. Mierkhanov, E. A. Buketov. Sbor. nauch. trud. Kaz. GMI no. 19 236-240 '60.

Secondary concentration and the kinetics of scheelite and powellite flotation S. F. Kuz'kin, I. I. Berlinskii. Sbor. nauch. trud. GINTSVETMET no. 33 217-236 '60.

POWER ENGINEERING
(see also subdivision under Latvia)

Academician G. M. Krzhizhanovskii is the founder of the socialist power engineering. N. A. Karaulov. Izv. AN SSSR, Otd. tekh. nauk, Energ. i avtom. no. 1 31-36 Ja-F '62.

Konfederatov, I. IA. [Present-day power engineering] Sovremennaia energetika. Moskva, Izd-vo "Znanie," 1961. 30 p. (Narodnyi universitet kul'tury. Tekhniko-ekonomicheskii fakul'tet, no. 19)

"An ocean of strength", the past, present, and future of power engineering in the U.S.S.R. by A. Markin. Reviewed by S. Strumilin. Novyi mir 38 no. 3:268-273 Mr '62.

Results of the 16th All-Union Contest for the best proposal for electric and thermal power savings. Prom. energ. 17 no. 2:48-50 F '62.

POWER PLANTS

Efficiency of combined power and chemical raw materials producing heat and electric power plants. IU. N. Plottukh. Izv. Sib. otd. AN SSSR no. 12 97-98 '61.

POWER PLANTS—ABSTRACTS

[Power plants] Ref. zhur. Otd. vyp. 42. Sil. ust. nos. 1-5 Ja-Mr '62.

POWER PRESSES

Characteristics of selecting gear ratio corrections for two- and four-crank presses. V. N. Tynianov. Kuz.-shtam. proizv. 4 no. 3: 24-35 Mr '62.

Equipment for the press-working of steel. A. I. Kagalovskii. Kuz.-shtam. proizv. 4 no. 3: 32-39 Mr '62.

POWER TOOLS

Mechanized tools for assembling operations. V. N. Barmash. Mashinostroitel' no. 3 28-31 Mr '62.

Tarasov, V. M. [Manual electric and pneumatic tools in the woodworking and associated industries] Ruchnoi elektrifitsirovannyi i pnevmaticheskii instrument v derevoobrabatyvaiushchem i soputstvuiushchikh proizvodstvakh; spravochnoe rukovodstvo. Moskva, Goslesbumizdat, 1961. 95 p.

POWER TOOLS—SAFETY MEASURES

Safety measures in the use of electrical tools D. S. Spasskii. Avtom., telem. i sviaz' 6 no. 2 12-14 F '62.

PRAGMATISM see subdivision under United States

PRAGUE—THEATER

In Czechoslovakia Alena Stranska and others. Teatr 23 no. 3:158-161 Mr '62.

PRAIRIES see subdivision under North America

PRANGOS

Making use of anatomic features in the classification of the species of the genus Prangos Lindl. L. V. Kuz'mina. Bot. zhur. 47 no. 2:250-254 F '62.

PRANGOS PABULARIA

Content of coumarin compounds in the different parts and organs of Prangos pabularia Lindl. G. A. Kuznetsova, L. V. Kuz'mina. Bot. zhur. 47 no. 3:401-412 Mr '62.

PRASEODYMIUM—ANALYSIS

Quantitative determination of praseodymium in mixtures of rare earth elements G. IA. Gornyi. Ukr. khim. zhur. 28 no. 2 238-241 '62.

PRASEODYMIUM NITRATE

Solubility isotherm of the system $Pr(NO_3)_3$ - $RbNO_3$ - HNO_3 - H_2O F. M. Perel'man, A. IA. Zvorykin, G. A. Domina. Zhur. neorg. khim. 7 no. 3 641-644 Mr '62.

PRECAST CONCRETE

Effect of the shrinking of monolithic concrete on the design of precast monolithic elements. A. B. Golyshev. Bet. i zhel.-bet. 8 no. 3 120-122 Mr '62.

New technology of manufacturing precast reinforced concrete elements under factory conditions R. S. Molchanov. Sbor. nauch. trudov LISI no. 24 12-29 '56.

PRECAST CONCRETE—CURING

Electric heating of precast reinforced concrete V. S. Kaplin. Bet. i zhel.-bet. 8 no. 3 115-118 Mr '62.

PRECAST CONCRETE CONSTRUCTION

Aleshkin, P. K. [Safety regulations for workers in general brigades engaged in assembling buildings made of large blocks] Pamiatka po tekhnike bezopasnosti dlia rabochikh kompleksnoi brigady po montazhu zdanii iz krupnykh blokov. Izd. 2., perer. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 31 p. (Tekhnika bezopasnosti v stroitel'stve)

Apartment houses with a bearing frame and large room-unit elements. A. Zyaman. Arkhit. SSSR no. 3:18-19 '62.

Construction of filtration plants from large precast elements N. S. Karmeliuk. Prom. stroi. 40 no. 3:7-12 '62.

Elements of a building made of reinforced-concrete panels in an earthquake area. IU. M. Skrinskii. Bet. i zhel.-bet. 8 no. 3 105-109 Mr '62.

Improving the quality of the planning and building of large-panel buildings. Arkhit. SSSR no. 3:7-8 '62.

Makhnovich, A. T. [Guide to safety measures for fitting and assembling panels on a Kozlov rolling mill] Pamiatka po tekhnike bezopasnosti dlia sborshchika-komplektovshchika panelei na prokatnom stane Kozlova. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 11 p. (Tekhnika bezopasnosti)

Makhnovich, A. T. [Guide to safety measures for workers in the manufacture of reinforced-concrete products by vibration rolling, for operators of the Kozlov mill] Pamiatka po tekhnike bezopasnosti dlia rabochikh po izgotovleniiu zhelezobetonnykh izdelii metodom vibroprokata; dlia operatora stana Kozlova. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 15 p. (Tekhnika bezopasnosti v promyshlennosti stroitel'nykh materialov)

Manufacturing reinforced-concrete rings for silos IA. R. Besser. Bet. i zhel.-bet. 8 no. 3 130-131 Mr '62.

Supply of support elements in development mining with power-operated shields. N. S. Poliakov and others. Shakht. stroi. 6 no. 3:19-20 Mr '62.

Using reinforced elements made of air-entrained ash-silicate concrete N. I. Dikerman. Bet. i zhel.-bet. 8 no. 3 103-105 Mr '62.

Water reservoirs of precast reinforced concrete. B. F. Beletskii. Bet. i zhel.-bet. 8 no. 3 122-126 Mr '62.

PRECAST CONCRETE CONSTRUCTION—STANDARDS

Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Directives no. SN 180-61 on the erection of precast concrete structures and their acceptance from the contractors. Directives no. SN 193-61 on the order of assembling complex buildings and structures from precast reinforced-concrete sections] Ukazaniia po montazhu i priemke sbornykh zhelezobetonnykh konstruktsii SN 180-61. Ukazaniia o poriadke vypolneniia proektov slozhnykh zdanii i sooruzhenii iz sbornogo zhelezobetona SN 193-61. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 26 p.

PRECEDENCE

A 1504 list of "state ranks" according to the handwritten copy in the Library of the Academy of Sciences of the U. S. S. R. V. I. Buganov. Trudy Bibl. AN SSSR 5 167-174 '61.

PRECIOUS METALS—METALLURGY—HYGIENIC ASPECTS

Problems of industrial hygiene in the production of secondary precious metals S. E. Sandratskaia. Gig. truda i prof. zab. 5 no. 6 43-45 Je '61.

PRECIPITATION (METEOROLOGY)

Cloud in a tower. N. Shishkin. Sov. Soiuz no. 3:35 '62.

PRECIPITATION (METEOROLOGY)—CONGRESSES

Discussion on the problem of precipitation. V. V. Ovsiannikov. Meteor. i gidrol. no. 3:67 Mr '62.

PRECIPITATION (METEOROLOGY)—MEASUREMENT
Use of many-day self-recording rain gauges and stage recorders. N.A. Zykov. Meteor i gidrol. no 3 50-52 Mr '62

PREDICATES, CALCULUS OF see Calculus of predicates

PREFABRICATED BUILDINGS see Buildings, Prefabricated

PREGNADIENETRIONE
Production of Δ1-dehydrocortisone from dihydrocortisone acetate L V Sokolova, N F Kovylkina, N N Suvorov Med prom 15 no 6 15-17 Je '61

PREGNANCY
Contractile activity of the uterus in pregnancy according to the data of 5-channel external hysterography M. IA. Martynshin. Kaz. med zhur no. 5:56-58 S-O '61
IAgunov, S.A. [Callisthenics at home during pregnancy] Gimnastika berememnykh na domu. 2 , izd. [Leningrad] Medgiz, 1961. 45 p. (DNLM)
Importance of vitamins for the normal course of pregnancy and their effect on lactation E, D Zabludovskaia. Fel'd i akush 27 no. 1 5-10 Ja '62
Labor at 56 years of age. IU. N. Erofeev. Vop. okh. mat. i det 7 no. 2 93-94 F '62.

PREGNANCY—SIGNS AND DIAGNOSIS
Spermaturic reaction in male lake frogs in obstetric and gynecological practice (in particular with the use of dry serum). I V. Kazakov Sov med. 25 no 2 141-145 F '62

PREGNANCY, COMPLICATIONS OF
Case of preserved pregnancy in a patient with pulmonary and meningeal tuberculosis. A. I Marchuk, G N Marushchak Zdrav. Kazakh 22 no 1 75-77 '62.
Chorionepithelioma in completed pregnancy S.A Adintsova, V P. Il'inov. Med zhur Uzb no 1 86-87 Ja '62
Course of pregnancy in aplastic anemia and familial hemolytic anemia T.G. Moiseeva, A. N. Khar chenko. Vop. okh. mat. i det. 7 no 2:91-93 F '62.
Development of the nervous system in children whose mothers suffered from prediabetes during pregnancy [with summary in English]. IU. I. Barashnev. Vop. okh. mat. i det. 7 no. 2 54-61 F '61
Effect of pregnancy on the growth of a malignant tumor (Brown-Pierce carcinoma) studies in an experiment. B L. Basin Med. zhur Uzb. no 1 24-28 Ja '62.
Insulin activity of the blood plasma in young and newborn rabbits in alloxan diabetes produced at various stages of pregnancy [with summary in English] L. L Liberman, S. E Dulzgalovich-Egorova. Biul. eksp biol i med 53 no 2 63-66 F '62
Pregnancy and the course of labor in the case of a double uterus V.S. Pakut', V. P. Shirochina. Zdrav. Bel. 8 no. 1 62-63 Ja '62.
Use of new medicinal substances with hypotensive effect in late toxemias of pregnancy. A. M. Fol. Kaz. med. zhur. no. 1, 56-58 Ja-F '62.

PREGNANCY, EXTRAUTERINE
Case of abdominal extrauterine pregnancy. S. A Ismailova Med zhur Uzb no 1:90 Ja '62,
Case of pregnancy in the free abdominal cavity. N. IA. Nazarkin. Kaz. med. zhur. no. 1:97 Ja-F '62.
Early diagnosis of pregnancy in a rudimentary horn of the uterus F I. Mirzoev. Azerb. med. zhur. no. 12:31-33 D '61.
Pregnancy in the stump of a removed tube L. I Karynbaeva Zdrav. Kazakh 22 no. 1:73-75 '62.
Recurrent extra-uterine pregnancy in the stump of a resected tube. M. I. Slepov. Kaz. med. zhur. no. 5:67 S-O '61.
Repeated extra-uterine pregnancy. M. I. Slepov. Kaz. med. zhur. no. 1:63-64 Ja-F '62.
Unusual course of isthmointerstitial pregnancy. K. N. Syzganova. Kaz. med. zhur no. 5:66-67 S-O '61.

PREGNANEDIONE
Properties of vladril, an intravenous narcotic of steroid structure. G. S. Arutiunian. Med. prom. 15 no. 6 55-58 Je '61

PRELIMINARY EXAMINATIONS (CRIMINAL PROCEDURE)
"Pretrial investigation in Soviet criminal procedure" by V. A. Stremovskii. Reviewed by V. M. Savitskii. Izv. vys. uchsb. zav. ,prav. 6 no. 1:174-176 '62.

PRENATAL CARE
Work of maternity centers on determining the term of pregnancy and prenatal leave. A. L. Kaplan. Vop. okh. mat. i det. 7 no. 2:84-89 F '62.

PRESCHOOL EDUCATION see Education, Preschool

PRESS
(see also subdivision under Bulgaria)
Faktorovich, D. E., and B. P. Mitskevich. [History of the press of foreign Communist and labor parties] Istoriia pechati zarubezhnykh Kommunisticheskikh i rabochikh partii, uchebnoe posobie. Minsk, Izd-vo Belgosuniv., 1960. 94 p. (WU)

PRESSES, HYDRAULIC see Hydraulic presses

PRESTES, LUIS CARLOS, 1898-
Legendary march of Prestes V. Vladimirov Ogonek 40 no 14 26 Ap '62

PRESTRESSED CONCRETE
TSentral'naia nauchno-issledovatel'skaia laboratoriia po stroitel'stvu i stroitel'nym materialam [Temporary instructions for using double-strand cables manufactured for the reinforcement of prestressed reinforced-concrete elements] Vremennye ukazaniia po primeneniiu dvukhpriadnykh stal'nykh kanatov zavodskogo izgotovleniia dlia armirovaniia predvaritel'no napriazhennykh zhelezobetonnykh konstruktsii. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit materialam, 1961 10 p.

PRESTRESSED CONCRETE—TESTING
Calculating the crack resistance of a prestressed reinforced concrete element of annular cross section N. N Zarembo-Vladychanskii Gidrotekhnika no 1 5-13 '61

PRESTRESSED CONCRETE CONSTRUCTION
Karpinskii, V. I [Concrete in a prestressed reinforced spiral band] Beton v predvaritel'no napriazhennoi spiral'noi obolme. Moskva, Orgtransstroi, 1961. 182 p.
Leiman, A. V. [Manufacturing and using prestressed concrete elements in the Sverdlovsk Economic Region] Opyt izgotovleniia i primeneniia predvaritel'no napriazhennykh zhelezobetonnykh konstruktsii v Sverdlovskom rajone. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 50 p.
Russia (1917- R. S. F. S. R.) Ministerstvo stroitel'stva. Tekhnicheskoe upravlenie. [Manual on the manufacture of prestressed reinforced-concrete segmented girders from linear elements] Rukovodstvo po izgotovleniiu sbornykh zhelezobetonnykh predvaritel'no napriazhennykh segmentnykh ferm iz lineinykh elementov. Moskva, TSentr. biuro tekhn. informatsii, 1961. 67 p.

PRETZELS
Completely mechanized section manufacturing pretzels G.I Belen'kii. Khleb. i kond prom. 6 no. 3, 36-38 Mr '62.
Operation of baking oven assembly for pretzel products. A. A Mikhelev and others. Khleb. i kond. prom. 6 no. 3, 28-30 Mr '62

PREVENTION OF CRIME see Crime prevention

PREVENTIVE MEDICINE see Medicine, Preventive

PRIBYL'SKAIA, ZOIA FEDOROVNA, 1925-
Zoia Fedorovna Pribyl'skaia. Med sestra 20 no. 12:62 D '61.

PRICES
Current review of wholesale prices and tariffs P. Ivanov. Kommunist 39 no. 7:53-59 My '62.

PRIME NUMBERS see Numbers, Prime

PRIMERS, WHITE RUSSIAN
Radkevich, A. [White Russian primer] Belaruski lemantar. [Regensburg, 1946] 88 p. (NN)

PRIMROSES
Analysis of the developmental rhythm of the cowslip primrose. A. P. Poshkurlat. Bot. zhur. 47 no. 2: 262-267 F '62.

PRINTING
(see also subdivision under Kaunas)
Marshak, S. IA. [How they printed your book] Kak pechatali vashu knigu. Moskva, Gos. izd-vo detskoi lit-ry, 1960. 1 v. (C)

PRINTING—CONGRESSES
For high-quality output. IU. A. Aleksandrov. Poligr. proizv. no. 2:5 F '62.
For scientific and technological progress in printing processes. M. V. Pashkov. Poligr. proizv. no. 2:12-13 F '62.
Let's improve the equipment and techniques of intaglio printing. O. I. Sopova. Poligr. proizv. no. 2:16-17 F '62
Problems of making ready and rapid relief printing. L. A. Kozarovitskii Poligr. proizv. no 2:13-15 F '62.

PRINTING INDUSTRY
(see also subdivision under Leningrad)
New developments in foreign printing [from foreign journals]. Poligr. proizv. no 2:27-30 F '62.
Raise the quality of printed matter. Poligr. proizv. no. 2: 1-2 F '62.
The scientific-technological community and the quality of output. Kh. Khansen. Poligr. proizv. no. 2:7-8 F '62.
They write to us. N. M. Grishina and others. Poligr. proizv. no. 2, 10-12 F '62.

PRINTING INDUSTRY—BIBLIOGRAPHY see Bibliography—Printing industry

PRINTING INDUSTRY—EQUIPMENT AND SUPPLIES
[Equipment and technology of the printing industry] Ref. zhur., Otd. vyp. 37: Obor. i tekh. poligr. proizv. nos. 1-6 Ja-Mr '62.

PRINTING PLANTS see subdivision under Chekhov

PRIOROV, NIKOLAI NIKOLAEVICH, 1885-1961
In memory of N. N. Priorov V. N. Blokhin. Vest. AMN SSSR 17 no 2, 93-94 '62

PRIPET RIVER—FISHES
Do we need this preserve? Ukraina no 6 31 Mr '62

PRIPET VALLEY—GEOLOGY, STRUCTURAL
Formation of structures of the Pripet Depression in the Permian and the Triassic Z. M Nevmerzhitskaia, V. F. Kurochka Dokl AN BSSR 6 no 3 181-184 Mr '62

PRIPET VALLEY—WILDLIFE, CONSERVATION OF
Do we need this preserve? Ukraina no. 6 31 Mr '62

PRIVATE LIBRARIES see Libraries, Private

PROBABILITIES
Applications of a law, established by Wiman and Vallroy, to a study of the characteristic functions of probability laws I. V. Ostrovskii. Dokl. AN SSSR 143 no 3: 532-535 Mr '62.
Asymptotically-continuous probability processes [with summary in English]. V N. Klimov Teor veroiat i ee prim. 7 no. 1 61-81 '62
Conditional Markoff processes. Lian Chzhi-shuan [Liang Chih-shuang]. Sib. mat zhur. 2 no. 5:684-707 S-O '61.
Martingales on metric spaces [in English] V. I Bunce Teor veroiat. i ee prim. 7 no. 1 82-83 '62.
Probability of large values of nonparametric unilateral criteria of concordance. N. V. Smirnov Trudy Mat. inst. 64:185-210 '61

PROBATION
Release on probation according to the recently enacted rules of criminal procedure. G. I. Kocharov, G. M. Min'kovskii. Sov. gos. i pravo 32 no. 3 127-132 Mr '62.

PROBLEM OF THREE BODIES
Restricted spatial problem of three bodies when the mass of the attracted body is a given function of time. N G Magnaradze Biul. Abast. astrofiz obser. no. 26:215-224 '61
A special case of the restricted problem of three bodies when the attracted body has a variable mass N G Magnaradze Biul Abast astrofiz obser no 26 181-214 '61
Stability of Lagrange's periodic solutions to the bounded problem of three bodies. A. M. Leontovich. Dokl. AN SSSR 143 no 3:525-528 Mr '62

PROCESSES, INFINITE
Principle of duality in a class of infinitely divisible processes. V. M. Zolotarev. Trudy Mat. inst 64 52-60 '61.

PROCTOLOGY—EQUIPMENT AND SUPPLIES
Surgical rectoscope. IU. B. Khudyi, V. A. Bulanov. Med. prom. 16 no. 2:50-61 F '62.

PRODUCE TRADE
(see also subdivision under Latvia; Rostov Province)
"Economics and planning of the state of procurement of produce and raw materials in cooperative societies" by G. IA. Blank. Reviewed by D. Kornilov, N. Lebedev. Sov. potreb. koop. 6 no. 3, 61-62 Mr '62.
Let's make exemplary preparations for the procurement season N Sidorov Sov. potreb. koop. 6 no 3 2-4 Mr '62.

PRODUCTION-LINE METHODS see Assembly-line methods

PRODUCTION STANDARDS
(see also subdivision under Hungary)
Establishing consolidated norms and wages based on the finished product. Sots. trud 7 no. 3:147-149 Mr '62.

PROGRAMMING (ELECTRONIC COMPUTERS)
Bibliography. Zhur. vych. mat. i mat. fiz. 2 no. 2:190-191 Ja-F '62.
Evaluation of polynomials from schemes with preliminary processing of coefficients, and program for automatic calculation of parameters. V. IA. Pan. Zhur. vych. mat i mat. fiz 2 no. 1:133-140 Ja-F '62.
First interdepartmental conference on methods for preparing information for program-controlled machine tools. B. Tamm. Izv. AN Est. SSR. Ser. fiz.-mat. i tekh. nauk no. 1:77-78 '62.

PROGRAMMING (MATHEMATICS)
Cybernetics and planning. O. Bakaiev. Nauka i zhyttia 11 no 2 20-23 F '62
How to get out of the wood? (One of Bellman's problems) V. A. Zalgaller. Mat. pros. no. 6, 101-105 '61.

PROJECT METHOD IN TEACHING
Graduation projects in evening department S S. Mirzoian. Sred. spets. obr. 9 no. 2:30-33 F '62.
Special aspects of comparative method in graduation projects. E. G. Serebriany. Sred. spets obr. 9 no 2: 5-8 F '62.

PROTEINS (Continued)

Characteristics of the spectra of electronic paramagnetic resonance of synthetic polypeptide films and proteins. M.F. Fal'kovich, V.N. Reguzenkova, L.P. Kayushin. Biofizika 6 no.5:518-525 '61.

Diagnostic value of the reaction for C-reactive protein in some surgical diseases (Review of Soviet and foreign literature). S.E. Takachinskii, V.P. Moiseeva, V.N. Kuznetsova. Vest. khir. no.8:18-23 '61.

Distribution of antibiotics in the proteins from water-soluble fractions of the skeletal muscles [with summary in English]. G.I. Kovcharenko. Antibiotiki 6 no.11:1003-1005 N '61.

Effect of animal and plant protein on the requirement of riboflavin in animals [with summary in English]. Go-chen' Fen (Feng Kuo-chên). Vop. pit. 21 no.2:69-76 Mr-Ap '62.

Effect of physical load on the distribution of glycogen and proteins in the heart muscle of white rats [with summary in English]. L.I. Mushkambarov. Biul. eksp. biol. i med. 53 no.1:56-59 Ja '62.

Inclusion of lysine-1-C^{11} into the proteins of transplanted tumors and into the organs of rats [with summary in English]. Pan' Tsi-tsao (Pan Chi-tsiao). Vop. med. khim. 7 no.4:358-362 Jl-Ag '61.

Inclusion of methionine-S^{35} into the liver proteins of rats after the administration of cortisone and during starvation [with summary in English]. V.F. Frankova. Vop. med. khim. 7 no.4:354-356 Jl-Ag '61.

Invisible mediator. D. Knorre. Nauka i zhizn' 29 no.1:47-49 Ja '62.

Mineral composition of the muscle tissue of meat and verification of the correlation between its content of mineral elements and protein [with summary in English]. E.N. Vasil'eva, N.E. Dubinin, T.D. Ivchenkova. Vop. pit. 21 no.2:56-60 Mr-Ap '62.

Quantitative determination of proteins in dinner foods. V.S. Sergeev, M.M. Livshits, Z.G. Karnacheva. Vop. pit. 21 no.2:89 Mr-Ap '62.

Simple device for freeze-drying and concentrating protein solutions [with summary in English]. L.P. Bichin. Vop. med. khim. 7 no.6:648-651 N-D '61.

Structural transformations in fibrillar proteins [with summary in English]. Z.A. Kapralova and others. Vysokom. soed. 4 no.3:321-327 Mr '62.

Structural transformations in globular proteins [with summary in English]. Z.A. Kapralova and others. Vysokom. soed. 4 no.3:328-333 Mr '62.

Study of C-reactive protein in acute surgical diseases of abdominal organs. A.I. Goshkina, E.V. Kolesov. Vest. khir. no.8:24-26 '61.

Utilization of dry soluble protein. Ryb. khoz. 38 no.3:85 '62.

Water-soluble myofibril proteins of the myometrium [with summary in English]. I.I. Ivanov and others. Vop. med. khim. 7 no.4:384-390 Jl-Ag '61.

PROTEUS

Simultaneous action of Cl. perfringens hemotoxin and B. proteus centrifugate in the presence of a specific antigangrene serum [with summary in English]. Ilʹ.I. Donets, N.I. Dumkina. Zhur. mikrobiol., epid. i immun. 33 no.2:84-87 F '62.

PROTHROMBIN

Prothrombin-forming function of the liver in congenital diseases of the heart [with summary in English]. N.G. Zernov. Grud. khir. 2 no.3:3-8 My-Je '60.

PROTONS

Proton detector with a film cathode. V.A. Ergakov, Yu.V. Trebukhovskii. Prib. i tekh. eksp. 7 no.1:158-159 Ja-F '62.

PROTOPLASM

Effect of gibberellic acid on some properties of the protoplasm. O.A. Sitnikova. Fiziol. rast. 9 no.1:109-111 '62.

Nasonov, D.N. [Local responses of protoplasm and propagated excitation] Mestnaia reaktsiia protoplazmy i rasprostraniaiushcheesia vozbuzhdenie. 2. izd. Moskva, Izd-vo Akad. nauk SSSR, 1962. 426 p.

Thermostability of cell protoplasm in some varieties of spring wheat [with summary in English]. T.V. Oleinikova, P.D. Uglov. Bot. zhur. 47 no.3:337-343 Mr '62.

PROTOZOA—CONGRESSES

First International Protozoological Conference in Prague. Yu.I. Polianskii. Zool. zhur. 41 no.3:474-479 Mr '62.

PROTOZOA, PATHOGENIC

Paper chromatography of antibiotic substances produced by a Schizotrypanum cruzi culture [with summary in English]. I.N. Pozmogova. Antibiotiki 7 no.4:321-323 Ap '62.

PRUNING

Lemon tree pruning at the period of its crown formation and fruiting [with summary in English]. N.N. Bunina. Subtrop. kul't. no.4:49-64 '61.

Pruning tea plants in India (from "Assam Review and Tea News, 1957"). Subtrop. kul't. no.4:100 '61.

Sergeenko, V.M. [Pruning fruit trees] Obrezka plodovykh derev'ev. 3. izd. Simferopol', Krymizdat, 1961. 130 p. (DA)

PRUSSIAN BLUE

Determining the degree of rinsing of milori blue. D.S. Gorelik, O.A. Kazakova. Lakokras. mat. i ikh prim. no.5:79-80 '61.

PRUTKOV, KOZ'MA, pseud.

Sukhanova, I.M. [Language and style of Koz'ma Prutkov's parodies] Iazyk i stil' parodii Koz'my Prutkova, leksiko-stilisticheskii analiz. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1961. 266 p.

PSEUDOMONAS LACHRYMANS

Causative organism of cucumber bacteriosis Pseudomonas lachrymans (Smith et Bryan) Berrarts and its characteristics. L.N. Bushkova. Nauch. dokl. vys. shkoly, biol. nauki no.1:165-169 '62.

PSHEKHA VALLEY—GEOLOGY, STRATIGRAPHIC

Recent data on the stratigraphy of lower Jurassic deposits in the basin of the Pshekha River (northwestern Caucasus). G.P. Kornev, K.O. Rostovtsev. Dokl. AN SSSR 143 no.3:666-669 Mr '62.

PSKOV—SPORTS

Sports and work. A. Dlugach. Mest. prom. i khud. promys. 3 no.3:39 Mr '62.

PSKOV GOVERNMENT—REVOLUTION, 1917-1921

Ivanov, S.A. [Bolsheviks of Pskov Government in the struggle for the victory of the October Revolution] Bol'sheviki Pskovskoi gubernii v bor'be za pobedu Oktiabr'skoi revoliutsii. [Pskov] Pskovskaia pravda, 1960. 107 p. (MH)

PSOCIDS

Some new Hemiptera and Psocoptera. E.E. Bekker-Migdisova. Paleont. zhur. no.1:89-104 '62.

PSORIASIS

Pros and cons of psoriasine. E.A. Dosychev, A.I. Kocharova. Vest. derm. i ven. no.3:55-59 '62.

Psoriasis. B.I. Blum. Fel'd. i akush. 27 no.1:36-41 Ja '62.

PSYCHIATRIC CLINICS

Chudnovskii, V.S. [Electroencephalographic studies in a psychiatric clinic] Elektroentsefalograficheskie issledovaniia v klinike psikhicheskikh zabolevanii. Pod red. L.L. Rokhlina. Moskva, M-vo zdravookhraneniia RSFSR, 1960. 77 p. (DNLM)

PSYCHIATRIC HOSPITALS

(see also subdivision under Vasil'kovo)

"The organization of psychiatric care and psychiatric research in the Union of Soviet Socialist Republics [in English]" by N.S. Kline. Reviewed by A.M. Rapoport. Zhur. nevr. i psikh. 62 no.3:453-460 '62.

Work is a cure. A. Kotel'nikov. Sots. obesp. 23 no.3:45-47 Mr '62.

PSYCHIATRIC RESEARCH

"The organization of psychiatric care and psychiatric research in the Union of Soviet Socialist Republics [in English]" by N.S. Kline. Reviewed by A.M. Rapoport. Zhur. nevr. i psikh. 62 no.3:453-460 '62.

PSYCHIATRY

(see also subdivision under France)

Chalisov, M.A., and L.I. Lando. [Biochemical investigations in a psychiatric clinic, methodological instructions] Biokhimicheskie issledovaniia v psikhiatricheskoi klinike, metodicheskie ukazaniia. Pod red. V.M. Banshchikova. Moskva, Gos. nauchno-issl. in-t psikhiatrii, 1960. 37 p. (DNLM)

"Clinical psychiatry" [in English] by William Mayer-Gross, Eliot Slater, Martin Roth. Reviewed by E. Shternberg. Zhur. nevr. i psikh. 61 no.8:1265-1267 '61.

"Neuropathology and psychiatry" (Collected scientific works of neuropathologists and psychiatrists of the Latvian S.S.R.). Reviewed by I.A. Stankevich, A.A. Khachaturian. Zhur. nevr. i psikh. 61 no.8:1271-1273 '61.

"Present-day psychiatry. Study and practice. Vol. 2. Clinical psychiatry [in German]" by H.W. Gruhle and others. Reviewed by E.IA. Shternberg. Zhur. nevr. i psikh. 62 no.3:444-453 '62.

PSYCHOANALYSIS

Psychoanalysis in contemporary French psychiatry. G. Koupernik. Zhur. nevr. i psikh. 61 no.8:1255-1259 '61.

PSYCHOLOGY, CRIMINAL. see Criminal psychology

PSYCHOLOGY, EDUCATIONAL. see Educational psychology

PSYCHOLOGY, INDUSTRIAL

Psychological analysis of the content and methods of training in the adjustment of automatic machine tools and production lines. Report No.3. Some problems on planning, typical for adjustment work on automatic machine tools and production lines. V.IA. Dyneraskii. Dokl. APN 5 no.4:77-80 '61.

PSYCHOLOGY, PATHOLOGICAL

Zeigarnik, B.V. [Pathology of thinking] Patologiia myshleniia. [Moskva] Izd-vo Mosk. univ., 1962. 284 p.

PSYCHOLOGY, PHYSIOLOGICAL

Feelings are within our control. P. Simonov. Znan. sila 37 no.2:20-21 F '62.

Influence of conveyer work on the physiological state of workers. Report No.1. Characteristics of functional changes during the performance of a short operation with a single element. V.G. Asoev. Dokl. APN 5 no.6:15-18 '61.

The material basis of thinking. A.IE. Khyl'chenko. Fiziol. zhur. [Ukr.] 7 no.6:726-731 N-D '61.

Uznadze, D.N. [Experimental basis of the psychology of adjustment] Eksperimental'nye osnovy psikhologii ustanovki. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1961. 210 p. (MH)

PSYCHOLOGY, PHYSIOLOGICAL—EQUIPMENT AND SUPPLIES

Programming electronic device for the automatization of experiments in elaborating temporary connections. M.IU. Ul'ianov, N.M. Kobtakov. Zhur. vys. nerv. deiat. 11 no.6:1134-1136 N-D '61.

PSYCHOPHARMACOLOGY

Psychotropic substances, their classification and the selectivity of their therapeutic action. R.A. Nadzharian. Vest. AMN SSSR 17 no.1:51-58 '62.

Therapeutic effectiveness of psychopharmacological substances. T.N. Morozova. Vest. AMN SSSR 17 no.1:59-65 '62.

PSYCHOSES

Case of adenoma of the pancreas with psychic disorders [with summary in French]. A.I. Kuznetsov. Zhur. nevr. i psikh. 62 no.8:1108-1112 '62.

Characteristics of the blood pressure in the vessels of the brain in hypertensive, atherosclerotic and involutional psychoses [with summary in French]. A.D. Dolgikh. Zhur. nevr. i psikh. 62 no.3:422-427 '62.

Confabulations [with summary in French]. V.I. Zvorykin. Zhur. nevr. i psikh. 62 no.3:397-408 '62.

Hypertonic schizophrenia and its relation to psychoses of an infectious-allergic nature [with summary in French]. A.S. Shmarian. Zhur. nevr. i psikh. 61 no.8:1201-1208 '61.

Psychic disorders in caffeine poisoning [with summary in French]. O.V. Stoliarov, I.I. Volodarskaia. Zhur. nevr. i psikh. 62 no.3:417-421 '62.

Schizophrenic symptoms as a stage in the recovery from infectious psychoses [with summary in French]. I.I. Datengof. Zhur. nevr. i psikh. 62 no.4:601-604 '62.

PSYCHOTROPIC DRUGS

Immunological reactivity in schizophrenia and the effect on it of contemporary therapeutic substances. G.V. Kerbikov. Vest. AMN SSSR 17 no.1:38-43 '62.

PSYCHROMETERS see Hygrometry

PTERIDOPHYTA

Spore tetrads in pteridophytes. A.N. Sladkov. Dokl. AN SSSR 143 no.2:464-466 Mr '62.

PUBERTY

Gliuza, I.O. [Neuropathology in gynecology; applicable in disorders of the ovarian-menstrual cycle, diseases of the uterus and ovaries during the periods of sexual maturation and the climacteric] Nervnaia patologiia v ginekologii; pri narushenilakh ovarial'no-menstrual'nogo tsikla, zabolevaniiakh matki i iaichnikov v period polovogo sozrevaniia i klimaksa. Kiev, Gos. med. izd-vo USSR, 1961. 61 p. (DNLM)

PUBLIC HEALTH

(see also subdivision under Africa; Bozhitsa; Britain; Germany, East; Iosser, Komi A.S.S.R.; Irkutsk Province, Kaluga; Krasnodar; Krasnoyarsk; Pavlograd District, Omsk Province; Taganrog; Turkestan; Uzbekistan; White Russia; Yemen)

Activity of a research institute in aiding public-health agencies. A.G. Shumakov, V.F. Shpinev. Gig. i san. 26 no.9:48-51 S '61.

Approbation of new methods of treatment. P.V. Kosheverov. Sov. zdrav. 21 no.2:34-39 '62.

At a new stage. Fel'd. i akush. 27 no.1:3-4 Ja '62.

Brief news. Kaz. med. zhur. no.1:100 Ja-F '62.

Brief news and information. Gig. i san. 26 no.9:117-120 S '61.

Evolution of social hygiene in capitalistic countries. E.V. IAkubova. Zdrav. Ros. Feder. 6 no.2:41-43 F '62.

For the benefit and happiness of man. Med. sestra 21 no.3:3-5 Mr '62.

PUBLIC HEALTH (Continued)
For the realization of the decisions of the 22d Congress of the CPSU. Zdrav Kazakh. 22 no 1 3-7 '62
Fundamental problems in protecting the health of the population of the Russian Federation in the light of the new program of the CPSU. N. A. Vinogradov. Zdrav. Ros. Feder. 6 no 2 3-8 F '62.
Great program for the building of communism. I. N. Il'in. Kaz. med. zhur. no 5 3-6 S-O '61
Health, the foundation of a happy future. Med. sestra 20 no 12, 3-6 D '61
In the Collegium of the Ministry of Public Health of the R. S. F. S. R. N. I. Gavrilov. Zdrav. Ros. Feder. 6 no 2 11 F '62
Let's align with the progressive. G. A. Mitcrev. Sov. kras. krest. 11 no 4, 1-2 Jl-Ag '61
Method of scientific research work for determining standards in the population's requirements for medical prophylactic service. I. D. Bogatyrev. Sov. zdrav. 21 no. 2 24-27 '62.
More attention to planning the work of district and province publich health departments. P. P. Pospeev. Zdrav. Ros. Feder. 6 no. 2 8-11 F '62
New stage in the development of a prophylactic trend in Soviet public health. Sov. zdrav. 21 no. 3 3-6 '62
Present-day tasks of communal hygiene in the light of the resolutions passed by the 22nd Congress of the CPSU. D. N. Kniazhnyi. Vrach. delo no. 2 5-8 F '62.
Problem of prevention under the conditions of the extensive building of a communist society. M. I. Barsukov. Sov. zdrav. 21 no 3;7-11 '62
Public councils in preventive medicine institutions. V. A. Il'enkova, D. I. Skotnikov, I. Okunev. Sov. zdrav. 21 no 3;52-56 '62.
Public health planning in the light of resolutions adopted by the 22d Congress of the CPSU. I. V. Pustovoi. Zdrav. Ros. Feder. 6 no. 1 3-6 Ja '62.
Role of ventilation engineers in the work of sanitation and epidemiological stations. F. V. Rykhter. Gig. truda i prof. zab. 4 no 2 11-13 F '60
Sekretin, P. M., Iu. I. Alzinbud, and L. V. Svitidova. [Organizing the work of city hygiene and epidemiology institutes] Organizatsiia raboty gorodskikh sanitarno-epidemiologicheskikh uchrezhdenii. Moskva, Medgiz, 1962. 102 p. (DNLM)
Theory and organization of Soviet public health" by G. A. Batkis and I. G. Lekarev. Reviewed by S. IA. Freidlin. Sov. zdrav. 21 no. 3;86 '62.
Twenty-second Congress of the CPSU, a congress of the builders of communism. V. V. Zalesskaia. Zdrav. Kazakh. 21 no. 12;3-7 '61.
Work of volunteer councils at medical institutions. L. V. Zhuravleva, V. K. Ovcharov, P. F. Telenkov. Zdrav. Ros. Feder. 6 no. 1 43-44 Ja '62.
The year 1962. S. V. Kurashov. Zdorov'e 8 no 1 1-2 Ja '62.

PUBLIC HEALTH—ABSTRACTS
Resumes of articles submitted to the editors. Sov. zdrav. 21 no. 3;95-97 '62

PUBLIC HEALTH—BIBLIOGRAPHY see Bibliography—Public health

PUBLIC HEALTH—CONGRESSES
The coming All-Union Congress of Hygienists and Sanitary Physicians. Z. Mogilevchik. Zdrav. Bel. 8 no. 1 70-71 Ja '62.
Conference devoted to Health Day. F. M. Prokopenko. Zdrav. Bel. 8 no. 1;69 Ja '62.
International seminar. M. Pokhvalova. Sov. kras. krest. 11 no 4;27 Jl-Ag '61
Third Congress of the International Medical Association for the Study of Living Conditions and Health. A. I. Stoimakova, N. N. Kvitnitskaia. Vrach. delo no 2 151-152 F '62.

PUBLIC HEALTH—HANDBOOKS, MANUALS, ETC.
"Public health in the U. S. S. R." Reviewed by A. Mikhal'tsev. Sov. kras. krest. 11 no. 4;32 Jl-Ag '61.

PUBLIC HEALTH—PERIODICALS
Activity of the editorial board of the journal, "Sovetskoe zdravookhranenie." Sov. zdrav. 21 no. 3;101 '62.
Crimea Province Section of the All-Union Society of Hygienists and Sanitary Physicians. V. A. Ovsiannikov. Gig. i san. 26 no. 9 102-103 S '61.
Readers' conferences. The Zaporozh'ye Province Section of the All-Union Society of Hygienists and Sanitary Physicians. A. L. Gudimova, B. I. Slavutskaia. Gig. i san. 26 no. 9;101-102 S '61

PUBLIC HEALTH—STATISTICS see subdivision under Rumania

PUBLIC HEALTH—STUDY AND TEACHING
Teaching public health organization in medical schools. G. I. Rozet. Sov. zdrav. 21 no. 3;56-58 '62.

PUBLIC HEALTH, RURAL
(see also subdivision under Grodno Province)
Complex plans for health measures on collective farms. V. P. Barilenko. Sov. zdrav. 21 no. 3;27-31 '62
Conducting preventive medical examinations of women in a rural location. I. P. Furmenko. Sov. zdrav. 21 no. 3; 18-21 '62.
Dispensary care of patients with surgical diseases in a rural medical center. R. L. Ibvang, D. S. Berlinskii. Sov. zdrav. 21 no 3 15-18 '62
Method of determining the capacity of district hospitals. V. I. Pol'chenko. Sov. zdrav. 21 no. 2 27-30 '62
Rural public hygiene is improving. N. Kuptsov. Sov. kras. krest. 11 no 4;30 Jl-Ag '61
Type and structure of local rural and district hospitals. L. I. Il'ovskii. Sov. zdrav. 21 no 2 18-23 '62.
Ways for expanding the rural public health system during the general replanning. M. M. Chumak. Zdrav. Ros. Feder. 6 no 1 6-10 Ja '62

PUBLIC PROSECUTORS
Moscow. Universitet. Kafedra ugolovnogo protsessa. [Organization of the judicial system and public prosecution in the U. S. S. R.] Organizatsiia suda i prokuratury v SSSR. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 308 p.
Program of the "direction of public prosecution in the U. S. S. R." course. A. F. Kozlov. Izv. vys. ucheb. zav., prav. 6 no 1 155-157 '62.

PUBLIC SPEAKING
More about speeches and reports at public meetings. I. Golubnichii. Part. zhizn' no 7 49-51 Ap '62.

PUBLISHERS AND PUBLISHING
Contribution of "Znanie" to the builders of communism. L. Borisov-Eltingof. V mire knig 2 no. 2 9-11 F '62.
First edition of "Capital" in Russia. V. Utkov. Sov. knigotorg. 14 no 3 42-43 Mr '62.
How to produce a good book. A. Sidorov. Sov. knizh. torg. 11 no. 3 40-41 Mr '62.

PUEBLO INDIANS
At the foot of the Rocky Mountains. Vladimir Sosinskii. Vokrug sveta no 3 32-35 Mr '62

PUERPERAL STATE
Dul'tsin, IA. A., and G. R. Robachevskii. [Hygiene of the postnatal period] Gigiena poslerodovogo perioda [Leningrad] Medgiz, 1961. 51 p. (DNLM)

PUGACHEV, EMEL'IAN IVANOVICH, d.1775
Image of Pugachev in the works of V. I. Surikov. V. Nemenov. Iskusstvo 25 no 2;53-57 '62

PUJMANOVÁ, MARIE (HENNEROVA), 1893-
"The career of Marie Pujmanova" by I. A. Bernshtein. Reviewed by I. Chernyavskaia. Vop. lit. 6 no. 2, 227-228 F '62.

PULMONARY ARTERY—DISEASES
Isolated valvular stenosis of the pulmonary artery; its clinical picture, diagnosis, and surgical treatment [with summary in English]. A. A. Vishnevskii, V. I. Burakovskii, T. M. Dmitrian. Grud. khir. 1 no. 3;30-38 My-Je '59.

PULMONARY ARTERY—LIGATURE
Method of temporary occlusion of the pulmonary artery [with summary in English]. D. A. Natradze. Eksp. khir. i anest. 6 no. 5 39-41 S-O '61.

PULMONARY ARTERY—RADIOGRAPHY
X-ray diagnosis of aneurysms of the pulmonary artery [with summary in English]. I. Kh. Rabkin. Vest. rent. i rad. 37 no. 1;29-32 Ja-F '62

PULMONARY ARTERY—SURGERY
Method for shunting the superior vena cava in forming a cavapulmonary anastomosis. M. V. Muraviev, F. N. Romashov, Li T'ing-min. Grud. khir. 2 no 1;43-45 Ja-F '60.
"Secondary" stenosis of the pulmonary artery. V. I. Burakovskii, IU. D. Volynskii. Grud. khir. 1 no 5;24-31 S-O '59.
Some characteristics of oxygen deficiency during cava-pulmonary anastomosis [with summary in English]. L. F. Sherdukalova. Grud. khir. 1 no 4 35-44 Jl-Ag '59.

PULMONARY CIRCULATION
Electrokymographic study of the changes in the pulmonary circulation in lung cancer [with summary in English]. S. IA. Marmorshtein. Vest. rent. i rad. 37 no 1, 10-16 Ja-F '62.
Primary hypertension of the lesser circulation in children [with summary in English]. I. K. Esipova, S. I. Levina. Vop. okh. mat. i det. 7 no. 2 44-49 F '62.
Reactions of the blood vessels of the pulmonary circulation to chemical stimuli. IA. A. Lazaris, I. A. Serebrovskaia. Pat. fiziol. i eksp. terap. 6 no. 1;3-9 Ja-F '62

PULMONARY EDEMA
Effect of circulatory disorders and pulmonary edema on the appearance and course of infectious processes (pneumonia). Report No. 2; Effect of pulmonary edema produced by thiourea on the development of pneumonia [with summary in English]. N. G. Patkov. Biul. eksp. biol. i med. 52 no 11;47-50 N '61.

PULMONARY HEART DISEASE see Cor pulmonale

PULMONARY VEIN
Basic variants of the veins in the superior lobe of the right lung and some problems in segmental resections of the lung in connection with disorders of the venous outflow [with summary in English]. I. S. Kolesnikov, S. N. Sokolov, N. I. Mezhevikin. Grud. khir. 3 no. 6; 62-69 N-D '61.

PULMONARY VEIN—ABNORMITIES AND DEFORMITIES
Rare anomaly of the inferior pulmonary veins. O. M. Matiugina. Grud. khir. 3 no 6, 112-113 N-D '61

PULSE CIRCUITS
Calculation and design of pulse transformers for operation in transistor circuits. O. S. Poturaev. Vych. tekh. no 2 21-38 '61
Lachinov, V. M. [High-speed scaling storage circuits] Bystrodeistvuiushchie pereschetnye nakopitel'nye skhemy. Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 10 p. [With summary in English]
Milenin, V. G., ed. [Design of pulse networks] Raschet impul'snykh skhem. [By] G. A. Baz'i dr. Izd 2., dop. i perer. Moskva, Voen. izd-vo M-va obor. SSSR, 1962. 267 p. [MICROFILM]
Models of "Phantastron" and "Multivibrator." V. V. Dudov, I. M. Makarenko. Vest. protivovozd. oborony no 12 21-24 D '61
Relaxation oscillations caused by current redistribution in tubes with secondary electron emission. O. S. Kolotov. Radiotekh. i elektron. 7 no 4 720-721 Ap '62

PULSE TECHNIQUES (ELECTRONICS)
Analysis of a pulse bridge circuit [with summary in English]. E. E. Il'din. Avtom. i telem. 23 no. 3, 407-412 Mr '62.
Concerning certain applicational possibilities of time delay blocks. P. N. Kopal-Gora. Vych. tekh. no 2 51-55 '61
Generator of high-voltage pulses with millimicrosecond duration. A. A. Vorob'ev and others. Prib. i tekh. eksp. 7 no 1 96-98 Ja-F '62
Generator of millimicrosecond pulses with a high following frequency. B. A. Mamyrin, G. S. Anufriev, I. F. Kalinkevich. Prib. i tekh. eksp. 7 no 1 99-101 Ja-F '62
High-voltage output pulse cascade. B. S. Muravskii. Prib. i tekh. eksp. 7 no 1 109-110 Ja-F '62
Logic networks assuring incongruency of pulses from asynchronous sources. A. D. Talantsev. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no 1 176-180 Ja-F '62
Propagation of a radio pulse above plane homogeneous earth. G. N. Krylov. Radiotekh. i elektron. 7 no 4 578-589 Ap '62
Pulse circuits for controlling the image of multistage electronic optical converters in investigating fast processes. B. A. Demidov, G. A. Ivanov, S. D. Fanchenko. Prib. i tekh. eksp. 7 no 1 102-107 Ja-F '62
Pulse multiplier based on the Hall effect for the analysis of charged nuclear particles. B. V. Gavrilovskii, K. V. Karadzhev, A. IA. Kislov. Prib. i tekh. eksp. 7 no 1 90-94 Ja-F '62

PUMPING MACHINERY
The AL'sB and ATsSN pumping units. IA. F. Gol'dberg. Biul. tekh.-ekon. inform. no 2 12-13 '62
Economic expediency of the continuous operation of a feed turbopump. P. S. Arkhipov, N. N. Travin. Elek. sta. 33 no 2 16-20 F '62
Expediency of introducing a turbopump in the automatic reserve cut-in network of feed pumps. IA. M. Mostvilishker. Elek. sta. 33 no 2 95 F '62
Induction pump for liquid nonmagnetic metals. V. I. D'iakov. Lit. proizv. no. 3 45 Mr '62.
PNR-600/50 electric sinker pump for petroleum tank vessels. M. Rabun, G. Sizov, V. Usachev. Rech. transp. 21 no 2, 34-35 F '62

PUMPING MACHINERY, ELECTRIC
Improvement of a pump. M. Bogdarin. Sel' mekh. no. 3 30 '62
Simplified formulas for determining the power rating of the electric drives of the pumping jacks of deep-pumping equipment. B. M. Pilushch, V. O. Sarkisian. Izv. vys. ucheb. zav., energ. 5 no 2;42-49 F '62
Vertical synchronous motors for driving large pumps. Z. B. Neiman. Vest. elektroprom. 33 no. 3;29-33 Mr '62.

PUNISHMENT
Karpets, I. I. [Individualization of punishment in Soviet criminal law] Individualizatsiia nakazaniia v sovetskom ugolovnom prave. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 149 p.
Principle of the rationality of punishment. F. S. Dagel'. Izv. vys. ucheb. zav., prav. 6 no. 1 145-151 '62

PUSHKIN, ALEKSANDR SERGEEVICH, 1799-1837
A. S. Pushkin's ancestors were outstanding engineers active in water supply engineering; on the 125th anniversary of the great poet's death. F. Nesteruk. Rech. transp. 21 no. 2, 57-59 F '62
A book on the books of Pushkin. N. Smirnov-Sokol'skii. Vop. lit. 6 no. 2;132-138 F '62.
Dialectics of literary succession. D. Blagoi. Vop. lit. 6 no. 2;94-112 F '62.
Feinberg, I. L. [Pushkin's last work] Poslednii trud Pushkina. Moskva, Izd-vo "Pravda," 1962. 47 p. (Biblioteka "Ogonek," no. 6)
In spite of the fawners of tsarism. Uzbekistan 21 no. 2 15 F '62
Kacharin, M. G., and M. A. Shneerson. [Analysis of the language employed by writers, Pushkin, Lermontov, Gogol'] Izuchenie iazyka pisatelei, Pushkin, Lermontov, Gogol'. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 303 p.

PUSHKIN, ALEKSANDR SERGEEVICH, 1799-1837 (Continued)

Our Pushkin Zhurnaliez Zhabbarov Uzbekistan 31 no 2 6 F '62

Symphony of life, on Pushkin's tetralogy. V. Nepomniashchii Vop. lit. 6 no. 2:113-131 F '62.

PUSHKIN, ALEKSANDR SERGEEVICH, 1799-1837—HOMES AND HAUNTS

Dunaeva, E. Boldino Moskva, Goskul'tprosvetizdat, 1951 143 p (MH)

Gessen, A. I. [Naberezhnaia Moiki 12; A. S. Pushkin's last apartment] Naberezhnaia Moiki 12; poslednaia kvartira A. S. Pushkina, Moskva, Gos. izd-vo detskoi lit-ry, 1960. 250 p. (Po dorogim mestam) (RPB)

PUSHKIN—ART

Gladkova, E. S., L. V. Emina, and V. V. Lomus. [The city of Pushkin; historical and artistic monuments] Gorod Pushkin, istoriko-khudozhestvennye pamiatniki. [Leningrad] Lenizdat, 1961. 182 p.

PYLORUS—DISEASES

Large diverticulum of the pyloric segment of the stomach. L. R. Tishchenko Vest rent i rad 37 no 1 69-70 Ja-F '62

PYLORUS—ULCERS

Perforation of a peptic ulcer of the esophagus into the posterior mediastinum with ulcerous stenosis of the pylorus. M. A. Kozlov. Khirurgiia no. 3 120-121 '62.

PYMONENKO, MYKOLA KORNELIOVYCH, 1862-1912

A painter who showed the life of our people IA Zatonats'kyi Ukraina no 6 25 Mr '62

PYRAN

Catalytic transformation of homologs of 2-acetylfuran to trialkyltetrahydropyrans N. I Shuikin and others Izv. AN SSSR. Otd. khim. nauk no 3:491-493 Mr '62.

Chromatographic determination of acrolein dimer in a reaction mixture M L Vlodavets and others Zav. lab 28 no 2 145-146 '62.

PYRAZOLE

Pyrazoles Part 23: Synthesis of 4-substituted 1-heptyl-3, 5-dimethylpyrazoles I I Grandberg, A. N. Kost Zhur ob khim. 32 no. 3 874-878 Mr '62.

PYRAZOLIDINEDIONE—TOXICOLOGY

Case of pyrabutol intoxication. E S. Dobin. Vrach. delo no. 8 131-132 Ag '61

PYRETHRUM

Some cytological characteristics of the formation of club-shaped hairs in Pyrethrum carneum M. B V. K. Shcherbakov. Trudy Len. khim.-farm inst. 12 119-121 '61.

PYRIDINE

Compounds of trivalent cobalt with pyridine and α-picoline A. Ganiev Zhur. neorg khim 7 no 2 261-264 F '62

Efficient utilization of tar water ammonia in the production of light pyridine bases D. S. Petrenko, O D Goritskaia, M. D. Shapiro. Koks i khim. no. 2:31-33 '62.

Interaction of polymers and copolymers of 2-methyl-5-vinylpyridine with aromatic nitro compounds A. V. Topchiev and others. Dokl AN SSSR 143 no. 3,621-624 Mr '62.

Properties of α-aminopyridides of alkanesulfonic acids. A G. Kostaova, E. P. Kosheleva. Zhur ob. khim 32 no 3:1009-1010 Mr '62

Reaction of sodium nitrocobaltate with pyridine A. V. Babaeva, I. B. Baranovskii, G. G. Afanas'eva. Dokl AN SSSR 143 no. 3,587-589 Mr '62

Synthesis of new derivatives of cellulose and other polysaccharides Part 17: Synthesis of graft copolymers of cellulose and polymethylvinylpyridine [with summary in English]. IU G Kriazhev, Z. A. Rogovin Vysokom. soed 3 no 12 1847-1852 D '61

PYRIDINEDICARBOXYLIC ACID

Synthesis of 6-methyl-5-oxypyridine-3, 4-dicarboxylic acid. Khuan Chzhi-khen, [Huang Chih-hêng], G IA. Kondrat'eva Izv. AN SSSR Otd. khim. nauk no 3:525-526 Mr '62.

PYRIDINIUM COMPOUNDS

N-acylpyridinium salts as pyridilic agents in Fridel-Crafts reactions. A. K. Sheinkman, N. F. Kazarinova, E. P. Babin. Zhur. VKHO 7 no. 1:112-113 '62.

PYRIMIDINE

Chemoprophylaxis of tertian and tropical malaria with chloridine in malaria centers with different levels of communicability. A. IA. Lysenko and others. Sbor. rab. po mal. i gel'min. no. 2 205-213 '59.

Conference on the problem of the medical use of pyrimidine derivatives (January 20 - 22, 1961 in Rostov-on-Don) I. F. Grekh. Kaz med zhur. no. 5:92-93 S-O '61.

PYRIMIDINOL

Metabolism of 5-bromo-6-hydroxypyrimidine in the liver of rats [with summary in English]. S. S. Debov. Vop. med. khim. 7 no. 4:401-408 Jl-Ag '61.

PYRITES

(see also subdivision under Alaverdi District; Ural Mountains)

Complete utilization of roasted pyrite P. M. Luk'ianov Zhur VKHO 7 no. 1, 32-34 '62

Technical and economic comparison of different methods of roasting flotation pyrite E M. Liapustina, S L. Krapivner, L. P. Rimskaia Zhur. VKHO 7 no 1 25-32 '62.

PYROCATECHOL

Pyrocatechol complexes of uranyl S IA Shnaiderman, E. V Galinker Zhur neorg khim 7 no 2 279-283 F '62

PYROCATECHOLDISULFONIC ACID

Interaction of sexivalent molybdenum with disodium salt of pyrocatechol-3, 5-disulfonic acid (tailon). A. I Busev, Chzhan Fan'. Izv. vys uchebn. zav., khim. i khim tekh. 4 no 6 905-913 '61

PYROCHLORE see subdivision under Vishnevaya Mountains

PYROGALLOL

Complexes of titanium with pyrogallol. S. IA. Shnaiderman, L. E. Kalinichenko. Izv. vys. ucheb. zav., khim. i khim tekh 4 no 6 897-904 '61

PYROGALLOL—TOXICOLOGY

Case of acute poisoning with pyrogallol. E. A. Teregulov, A. P. Shchekotolo. Kaz. med. zhur. no. 1:69-70 Ja-F '61.

PYROGENAL

Konferentsiia po rezul'tatam eksperimental'nogo issledovaniia i klinicheskogo primeneniia pirogenala, 1st, 1960. [Experimental studies and clinical use of pyrogenal; materials] Eksperimental'nye issledovaniia i klinicheskoe primenenie pirogenala, materialy. Pod red. Kh. Kh. Planel'esa, P. Z. Budnitskoi. Moskva, Akad. med. nauk SSSR, 1961. 256 p. (DNLM)

PYROGENS

Use of sulfozin in the compound treatment of cerebral rheumatism. A. IU. Vylasnovskii, N. N. Laptiova. Kaz. med. zhur. no. 1 43-45 Ja-F '62.

PYROLYSIS

Pilot plant testing of a newly designed reactor for the contact pyrolysis of petroleum products and tars E. S. Bezmozgin, A G Nemchenko, IU. D IUdkevich Trudy VNIIT no. 10 49-58 '61

Vapor phase thermal emethylation of wood-tar oils in a contact pyrolysis reactor E. S. Bezmozgin and others Trudy VNIIT no 10 59-63 '61

PYROMETERS

Suction-type pyrometer for measuring gas temperatures up to 1700°. A. I. Rudnaia, I. I. Fedoniuk. Avtom. i prib. no. 1:70-71 Ja-Mr '62.

PYROPHOSPHATES

Reciprocal system of sodium and calcium pyrophosphates and sulfates A. G. Bergman, V. P. Goriacheva Zhur neorg. khim 7 no. 3 628-632 Mr '62

PYRROLIDINE

Catalytic synthesis of pyrrolidine homologs from furan amines I F Bel'skii Izv AN SSSR Otd khim nauk no. 3:493-496 Mr '62

PYRUVIC ACID

Effect of antibiotics on the pyruvate requirement by resting cells of E coli [with summary in English]. A. I Korotiaev. Mikrobiologiia 31 no. 1 24-28 Ja-F '62.

Mechanism of pyruvic acid oxidation by hydrogen peroxide A. I. Brodskii, M. M. Aleksankin, I. P. Gragerov. Zhur. ob. khim 32 no 3 829-833 Mr '62.

PYSHMA VALLEY—PINE

Improving utilization and restoration of pine forests in the Pyshma Valley. M. I. Gal'perin Les khoz 15 no 2, 28-31 F '62.

Q FEVER

(see also subdivision under Kuybyshev Province)

Clinical course of and some problems in the differential diagnosis of Q fever [with summary in English] L. D. Kniazeva, E. S. Efimova. Sov. med 25 no. 2 75-81 F '62.

Diagnosis of Q fever using the complement fixation inhibition reaction [with summary in English]. I V. Tarasevich Zhur. mikrobiol., epid i immun 33 no. 2: 92-98 F '62.

Outbreak of Pomona type anicteric leptospirosis preceded by Q-fever. I. A. Shifrin and others. Med. zhur Uzb. no. 5:76-78 My '60,

Outbreak of Q fever among students of the Moscow Technological Institute of Meat and Dairy Industry [with summary in English]. N. I. Fedorova and others. Zhur. mikrobiol., epid. i immun. 33 no. 1:114-118 Ja '62.

QUADRATIC RESIDUES see Congruences and residues

QUALITY CONTROL

Quality of goods and conscientiousness of suppliers. A Morgunov, A Tolknechev. Kommunist 38 no 5 70-77 Mr '62.

QUANTUM ELECTRODYNAMICS

Logunov, A. A., I. T. Todorov, and N. A Chernikov. [Surface of singular points of a Feynman diagram] Poverkhnost' osobykh tochek diagrammy Feinmana Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 29 p. [With summary in English]

QUANTUM FIELD THEORY

Axiomatic approach in quantum field theory, and the symmetric properties of elementary particles [with summary in English] IU V Novozhilov, I D Iatsun. Vest LGU 17 no 4 5-10 '62

Calculation of the three-particle forces in the three nucleon problem [with summary in English]. IU P Shcherbin Vest LGU 17 no 4 20-27 '62

Hartree - Fock method as applied to the partial summation of diagrams, and its natural generalization [with summary in English] V. V. Tolmachev Vest LGU 17 no 1 11-19 '62

Majorization of Feynman diagrams for processes involving strange particles [with summary in English] I A Dzabkin, IU A. IAppa Vest LGU 17 no 4 28-36 '62

Regularization of the products of generalized causal functions V A Shcherbina Dokl AN SSSR 141 no 4 815-817 Ap '62

QUANTUM THEORY

Additions and corrections to the article "Methods for determining the probability of transitions and the position of levels from the self-absorption of radiation [with summary in English] S E Frish, O. P Bochkova Vest LGU 17 no. 1 73-74 '62.

Foundation for the quantum defect method. G. F. Novikova. Opt. i spektr. 12 no. 3:333-337 Mr '62.

(n+1)-Groups in a Thomas-Fermi model. V. M. Klechkovskii. Opt. i spektr. 12 no. 3,434-437 Mr '62.

Sokolov, A. A., IU. M. Loskutov, and I M Ternov. [Quantum mechanics] Kvantovaia mekhanika Pod obshchei red. A. A. Sokolova Moskva, Gos. uchebno pedagog. izd-vo M-va prosv. RSFSR, 1962. 591 p.

Theory of a nonideal Bose-gas at nonzero temperatures. IU. A TSerkovnikov. Dokl AN SSSR 143 no 1 042 145 Ap '62

Veselov, M. G. [Elementary quantum theory of atoms and molecules] Elementarnaia kvantovaia teoriia atomov i molekul. Izd 2., dop, Moskva, Gos. izd-vo fiziko-matem lit-ry, 1962. 216 p.

QUARRIES AND QUARRYING see subdivision under Moscow Province

QUARTZ

Excitation of hypersound in quartz [with summary in English]. E. M. Gonapol'skii, A. N. Chernets Zhur eksp. i teor fiz. 42 no 1:12-16 Ja '62

QUARTZ—PHYSIOLOGICAL EFFECT

Combined effect of quartz dust and radon in an experiment [with summary in English] V S Kuzbatova Gig truda i prof zab 4 no 1 22-28 Ja '60

QUARTZ—TOXICOLOGY

Comparative data on the silicogenic influence of different preparations of quartz (Experimental study) [with summary in English] M. I. Nazumov, F. K. Shkiba, V. M. Grubina. Arkh. pat. no 3,13-20 '62

QUARTZITE see subdivision under Karelia

QUEEN MAUD LAND—MOUNTAINS

Reconnaissance of the eastern part of the mountains on Queen Maud Land in the Antarctica M G Ravich and others. Inform biul. NIIGA no 16 30-36 '59

QUINACRINE

Use of acrichine in treating lambliasis of the biliary tracts associated with Botkin's disease. F B Bol'shinovinova Sov med 25 no 2 130-132 F '62

QUINOLINE

Quinocide in the radical treatment and chemoprophylaxis of tertian malaria, 4 years' experience in the Tajik S.S.R. A. IA. Lysenko. Sbor. rab. po mal. i gel'min no. 2, 187-203 '59.

RABBIT BREEDING

Crossbreeding common hare with the domestic rabbit. V. D. Treus, O. P. Stiskidien'ov. Nauk. pratol "Ark" 9:106-109 '61.

RABBITS

New morphologic and experimental data on the innervation of the ureter of a rabbit K. S. Shovchuk Nauch dokl vys. shkoly, biol. nauki no 1:62-66 '62.

RABIES

Antirabies vaccine not producing postvaccinal neuroparalytic complications [with summary in English]. I. A. Svet-Moldavskaia, G. IA. Svet-Moldavskii. Vop. virus. 7 no. 1:68-71 Ja-F '61.

Role of the lymph nodes in the mechanism of natural resistance to rabies [with summary in English] L. P Gorshunova. Zhur. mikrobiol., epid. i immun. 33 no. 2 45-48 F '62.

RADICALS (CHEMISTRY) (Continued)

Rearrangement of radicals in solution. P. Kh. Freidlina, V. N. Kost, M. I. Emel'yanova. Usp. khim. 31, no. 1:3-34 Ja '62.

RADICALS (CHEMISTRY)—SPECTRA

Effect of solvent on the electron paramagnetic resonance spectrum of some free radicals. A. V. Il'yasov. Zhur. struk. khim. 1, no. 1:95-97 Ja-F '62.

Theory of superfine splitting anisotropy in electron paramagnetic resonance spectra of free radicals. I. V. Aleksandrov, S. L. Vetchinkin, S. V. Karrigin. Dokl. AN SSSR 143, no. 4:890-893 Ap '62.

RADIO

Bazhenov, L. I. [Quantum radio physics, a new science] Novaia nauka—kvantovaia radiofizika. Moskva, Izd-vo "Znanie," 1961. 34 p. (Novosibirskii universitet. Kul'turu Estestvennonauchnyi lektsii, no. 25)

[A book for rural radio amateurs] Kniga sel'skogo radiolyubitelia. Pod obshchei red. V. A. Berilanda. Moskva, Izd-vo DOSAAF, 1961. 511 p.

Brammer, Iu. A., and V. D. Malinskii. [Radio engineering] Radiotekhnika. Moskva, Gos. energ. izd-vo, 1961. 695 p.

[MICROFILM]

Development of radio engineering in the Soviet Union. V. I. Siforov, L. S. Gutkin, V. L. Lebedev. Trudy MEI no. 33:243-266 '60.

Fifth Plenum of the Central Committee of the All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy. Radio no. 3:3-4 Mr '62.

Radio Day, facts and figures. Agitator no. 8:22-23 Ap '62.

[Radio engineering abroad] Zarub. radioelek. 17 no. 3 '62.

Semenov, A. A. [Theory of electromagnetic waves; lecture course for radio physicists] Teoriia elektromagnitnykh voln, lektsionnyi kurs dlia radiofizikov. [Moskva] Izd-vo Mosk. univ., 1962. 255 p.

Vlasov, V. F. [Course in radio engineering] Kurs radiotekhniki. Moskva, Gos. energ. izd-vo, 1962. 927 p.

RADIO—ABSTRACTS

[Automatic control and radio engineering] Ref. zhur., Avtom. i radioelektr. no. 2 '62.

RADIO—BIBLIOGRAPHY see Bibliography—Radio

RADIO—EQUIPMENT AND SUPPLIES

Using some electric insulating enamels for coating radio equipment. E. L. Fridman. Lakokras. mat. i kh. prim. no. 6:42-45 '61.

RADIO—INSTALLATION IN AUTOMOBILES

Zav'ialov, S. N. [Two-way radio communication in automobile transportation] Dvukhstoronniaia radiosviaz' na avtomobil'nom transporte. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961. 37 p. (Obmen tekhnicheskim opytom avtotransportnykh predpriiatii)

RADIO—INSTALLATION ON SHIPS

Russia (1923- U.S.S.R.) Rechnoi Registr. [Regulations governing radio equipment on ships navigating the inland waters of the U.S.S.R., rivers, lakes, and canals] Pravila po radiooborudovaniiu sudov vnutrennego plavaniia SSSR; reki, ozera, kanaly. Utverzhdeny prikazom MPF no. 77, 22 marta 1956 g. Moskva, Izd-vo "Rechnoi transport," 1956. 56 p.

RADIO—RECEIVERS AND RECEPTION

In brief about new developments. Radio no. 3:9 Mr '62.

RADIO—REPAIRING

Our consultations. Radio no. 3:60-62 Mr '62.

RADIO, MILITARY

Luminosity effect of radio galaxies [with summary in English]. Iu. P. Pskovskii. Astron. zhur. 39, no. 2:222-228 Mr-Ap '62.

Nature of the emission of radio galaxy Cygnus-A [with summary in English]. N. S. Kardashev, A. D. Kuz'min, S. I. Syrovatskii. Astron. zhur. 38, no. 2:216-221 Mr-Ap '62.

On the threshold of distant worlds. L. Kvantomanitu. Radio no. 3:10-12 Mr '62.

Radio observations of the partial solar eclipse of February 15, 1961 on the 8.1 mm wave. N. P. Barabashov, V. M. Ivanchenko, R. M. Chirkova. Astron. obser. Khar'kov un. no. 24:36-38 '61.

Solar radio emission on the 8 mm wavelength [with summary in English]. A. E. Salomonovich. Astron. zhur. 39, no. 2:280-289 Mr-Ap '62.

RADIO BEACONS

Some results of studying the ice drift by the use of drifting radio beacons. Z. M. Gudkovich, A. IA. Nikolaeva. Probl. Arkt. i Antarkt. no. 8:11-17 '61.

RADIO CLUBS

For mass participation in amateur radio competitions. Radio no. 3:1-2 Mr '62.

Study and keep abreast of technological developments. L. Shlishov. Radio no. 3:5-6 Mr '62.

RADIO DETECTORS

Change in the directed current of electrons in a gas discharge acted upon by a microwave field. G. D. Lobov, V. V. Zakharov. Radiotekh. i elektron. 7, no. 4:852-862 Ap '62.

RADIO DIRECTION FINDERS

Determining the deflection angle if the antenna has been stopped. A. Kalinin. Av. i kosm. 44, no. 3:87-88 '62.

RADIO FILTERS

Coupled resonant cavities degenerating to a form of microwave band filters. E. R. Mustel', G. N. Solov'ev. Radiotekh. i elektron. 7, no. 4:710-713 Ap '62.

Filters for dispatcher-to-train radio communications. N. U. Karakuts. Avtom., telem. i sviaz' 6, no. 2:38-39 F '62.

RADIO FREQUENCY

Communication at frequencies exceeding the maximum usable frequencies in case of scattering in the E layer. E. M. Kovalevskaia. Trudy IZMIRAN no. 19:85-95 '61.

Comparing the minimum usable frequencies calculated by different methods with experiment data. E. M. Zhulina. Trudy IZMIRAN no. 19:116-130 '61.

Monthly forecast of the maximum usable frequencies for the F_2 layer in the form of *world charts* at the Moscow standard time. V. F. Belugin. Trudy IZMIRAN no. 19:140-150 '61.

Testing some methods of calculating the *maximum usable* frequencies for communication lines on the basis of experimental data. V. N. Novysh-Bylinskaia. Trudy IZMIRAN no. 19:71-84 '61.

Verifying the "forecast of the maximum usable frequencies under different conditions of solar activity" on the basis of ionospheric data. Z. V. Voloshinova. Trudy IZMIRAN no. 19:52-70 '61.

RADIO FREQUENCY MODULATION—RECEIVERS AND RECEPTION

Visual aids for radio operators. G. Cherevko. Voen. vest. 41 no. 12:85-87 D '61.

RADIO IN AERONAUTICS

Radio electronics in astronautics. V. IAzdovskii, V. Denisov. Av. i kosm. 44, no. 3:15-18 '62.

RADIO IN AGRICULTURE see subdivision under Rostov Province

RADIO IN NAVIGATION

...e radio-navigation system for the fishing fleet. ...v, A. D. Zakharov. Ryb. khoz. 37 no. 11:...

U.S.S.R.) Rechnoi Registr. [Regulations ... equipment on ships navigating the ... U.S.S.R.; rivers, lakes, and ...radiooborudovaniiu sudov vnutrennego ...i, ozera, kanaly. Utverzhdeny ...77, 22 marta 1956 g. Moskva, Izd-vo ...t," 1956. 56 p.

..., Zuzenko. [Antenna feeding de... ...ustroistva. Moskva, Izd-vo ...l. 815 p.

...L. Kiparenko. [Equipment for ... high and superhigh frequencies] ...lia napriazhenii na vysokikh ... kh. Moskva, Gos. Izd-vo

...letermination of the spectral ...he synchronous detector of a ... V. T. Fedin. Izv. AN SSSR. Otd. ...n. no. 1:181-185 Ja-F '62

Mr '62.

For mass participation in amateur radio ... Radio no. 3:1-2 Mr '62.

Great possibilities. Radio no. 3:15 Mr '62.

Study and keep abreast of technological de... ...I. Shlishov. Radio no. 3:5-6 Mr '62.

YL replies to our inquiries. A. Semenova and ... Radio no. 3:11-15 Mr '62.

RADIO WAVE PROPAGATION IN THE IONOSPHERE ... Ionospheric radio wave propagation

RADIO WAVES

Reflection of radio waves from inclined metal ... M. D. Khaskind. Radiotekh. i elektron. ... Ap '62.

RADIOACTIVE PROSPECTING

Importance of radiometric methods in prospecting ... deposits of nonradioactive minerals. ... ...nedr 27 no. 10:38-43 O '61.

Possibility of radiometric sampling of loose ... a state of natural bedding. A. L. Sen'kin. ... geolr. no. 10:69-71 '61.

Recent data on prospective oil resources of the ... southeastern structures of the Chatkino ... dimorium. M. R. Abdullaev and others. ... SSR 10 no. 1:27-30 '62.

RADIOACTIVE SUBSTANCES

Distribution of radioactive pollutions in ... [with summary in English]. A. I. Apro, V. I. ... Med. rad. 5 no. 1:67-73 Ja '60.

Radioactive contamination of fish. G. V. ... Ryb. khoz. 38 no. 3:29-30 '62.

Radioactivity of the surface layer of soils in ... gions of the Armenian S.S.R. G. P. Petrosian ... others. Vop. radiobiol. [AN Arm. SSR] ...

RADIOACTIVE SUBSTANCES—INDUSTRIAL APPLICATIONS

Devices using radioactive isotopes in ... clamation research operations. V. Kiselev. ... no. 3:21-23 Mr '62.

Moscow. Institut tekhniko-ekonomicheskoi informatsii. [Use of radioactive isotopes and nuclear radiation in hydraulic engineering and construction] Primenenie radioaktivnykh izotopov i iadernykh izlucheniia v ... tekhnike i stroitel'stve. Moskva, (Peredovoi ... tekhnicheskii i proizvodstvennyi opyt. Tema 10) No. 14, 1960. 35 p.

Use of gamma rays in studying the action of a ... ground. A. Khamidov. Trudy VIM 26:94-101 ...

RADIOACTIVE SUBSTANCES—PHYSIOLOGICAL EFFECT

Principal problems of labor hygiene in the ... radioactive minerals [with summary in English]. ... Bykhovskii. Med. rad. 5 no. 1:60-67 Ja '60.

RADIOACTIVITY—MEASUREMENT

Rapid method for estimating the radiation hazard ... the presence of the daughter products of radon ... ...ar. K. P. Makov, N. V. Riabov, K. N. Blo... ...energ. 12 no. 4:315-319 Ap '62.

Symposium on measuring the amount of radioactive ... the human organism. Iu. M. Shtukkenberg. At. ... 12 no. 4:345-350 Ap '62.

RADIOACTIVITY—SAFETY MEASURES

Solve these problems. Voen. vest. 41 no. 12:... ...

RADIOAUTOGRAPHY see Autoradiography

RADIOBIOLOGICAL RESEARCH

Distribution of Co^{60} and some radioisotope fission products among the components of experimental reservoirs [with summary in English]. L. O. Rogatyeva. Izv. AN SSSR, Ser. biol. 27 no. 1:122-126 Ja-F '62.

RADIOBIOLOGY see subdivision under Armenia, ... States

RADIOBIOLOGY—BIBLIOGRAPHY see Bibliography—Radiobiology

RADIOBIOLOGY—CONGRESSES

Radiobiological problems at the 21st International ... of Physiologists. I. A. Piontkovskii. Med. rad. ... no. 1:85-89 Ja '60.

RADIOCHEMISTRY

Radiation and polymers. V. IA. Kabanov. Khim. v ... 17 no. 2:8-15 Mr-Ap '62.

Radiation polymerization of hydrogen-substituted fluoro olefins [with summary in English]. V. A. Kharitonova ... Vysokom. soed. 4 no. 3:471 Mr '62.

RADIODIAGNOSIS see Diagnosis, Radioscopic

RADIOGRAPHY

Advantages of X-ray photographs using hard radiation. M. Svoboda. Med. zhur. Uzb. no. 4:59-60 Ap '60.

Enlargement of X-ray pictures. M. Svoboda. Med. ... Uzb. no. 5:55-59 My '60.

X-ray study of the effect of a hydrostatic pressure ... exceeding 18,000 Kg./cm.^{2} on the structure of ... titanate. S. S. Kabalkina, L. F. Vereshchagin. Dokl. AN SSSR 143 no. 4:816-821 Ap '62.

RADIOGRAPHY, HIGH-SPEED

Signals? What do they mean? I. Leonidov Sov. Soiuz no 3 44-45 '62

RADIOISOTOPES

Possibility of using universal radiometers of the "Fialka" and "Tiss" types for studying β-active preparations [with summary in English]. N. N. Alfimov and others. Med. rad., no. 3 73-77 '62.

RADIOISOTOPES—INDUSTRIAL APPLICATIONS

Application of isotopes in mining engineering. V. Segalin. Sov. shakht. 11 no. 1,21-26 Ap '62

Glazov, N. V. [Using radioisotopes in engineering studies] Primenenie radioaktivnykh izotopov v inzhenernykh issledovaniiakh. Moskva, Gos. izd-vo lit-ry v oblasti atomnoi nauki i tekhn., 1962. 67 p.

Markovs'kyi, IE. A., and V. I. Stetsenko. [Application of radioactive isotopes for testing internal combustion engines] Zastosuvannia radioaktyvnykh izotopiv dlia doslidzhennia dvyhuniv vnutrishn'oho zhoriannia. Kyiv, Vyd-vo Akda nauk URSR, 1961. 45 p.

The RSU-1 follow-up radioisotope level indicator. V. S. Gostishchev, A. D. Kulikov. Biul. -tekh. -ekon. inform. no. 2,26-29 '62

Radioactive isotopes in technology. IE. Markovs'kyi. Nauka i zhyttia. 11 no. 2 21-25 F '62

The second Leningrad conference on the use of radioisotopes in the coal-mining and mining industries. S. D. Panov. Biul. tekh. -ekon. inform. no. 2,76-78 '62

RADIOISOTOPES—PHYSIOLOGICAL EFFECT

Effect of the preliminary administration of radioactive isotopes on the composition of the peripheral blood and survival of animals later exposed to X-ray radiations in fatal doses [with summary in English]. P. I. Lomonos. Biul. eksp. biol. i med. 53 no. 2 79-82 F '62

RADIOISOTOPES—THERAPEUTIC USE

Radiation exposure of the sick and the personnel in some X-ray investigations and in therapeutic application of radioactive isotopes. K. A. Kiandarlian, G. B. Forgoian. Vop. radiobiol. [AN Arm. SSR] 1 41-45 '60

Radioactive isotopes in the diagnosis and treatment of diseases of the internal organs. L. V. Vologo. Zdrav. Bel. 8 no. 1 20-24 Ja '62.

Results achieved by the Conference on the Use of Radioisotopes in Medicine. V. K. Modestov. Atom. energ. 12 no. 4 350-351 Ap '62

RADIOLARIA

Role of the skeleton growth in Radiolaria in their taxonomy [with summary in English]. M. G. Petrushevskaia. Zool. zhur. 41 no. 3 331-341 Mr '62

RADIOLOGISTS—CONGRESSES

First Far Eastern Conference of Roentgenologists and Radiologists. A. Khakham. Vest. rent. i rad. 37 no. 1 84 Ja-F '62

RADIOLOGISTS—EDUCATION AND TRAINING

Training of cadres of radiologists. A. V. Kozlova. Vest. rent. i rad. 37 no. 1 77-79 Ja-F '62

Training of cadres of radiologists. IU. N. Sokolov. Vest. rent. i rad. 37 no. 1 73-77 Ja-F '62

RADIOLOGY—CONGRESSES

Ninth International Congress of Radiologists. V. A. Fanardzian, K. A. Kiandarian. Vop. radiobiol. [AN Arm. SSR] 1;249-258 '60

RADIOLOGY, MEDICAL

In the Subcommittee on Roentgenology. Vest. rent. i rad. 37 no. 1;86 Ja-F '62.

Kutsidi, A. V., N. A. Mikhailov, and L. S. Semashko. [Handbook for the X-ray laboratory technician] Spravochnik rentgenolaboranta. Moskva, Medgiz, 1962. 198 p.
(DNLM)

RADIOLOGY, MEDICAL—CONGRESSES

First All-Russian Congress of Roentgenologists and Radiologists and the First All-Russian Conference on Fluorography (August 28-31, 1961, Kuybyshev Province). M. Kh. Faizullin, A. A. Ziabbarov. Kaz. med. zhur. no. 1;98 Ja-F '62.

Scientific session of the Scientific Research Institute of Roentgenology and Medical Radiology of the Ministry of Public Health of the Georgian S. S. R. A. G. Narsitia. Vest. rent. i rad. 37 no. 1;85-86 Ja-F '62

RADIOMETER

Modified construction of the radiometer "Tiss" for solving some problems in practical dosimetry. A. F. Sobol', V. N. Parmanin, IU. V. Seredin. Med. rad. no. 3 74-76 '62

Possibility of using universal radiometers of the "Fialka" and "Tiss" types for studying β-active preparations [with summary in English]. N. N. Alfimov and others. Med. rad. no. 3 73-74 '62.

RADIOSONDES

Radiosonde ceiling can be raised. G. Buriov. Av. i kosm. 44 no. 3;86-87 '62.

RADIOTELESCOPE see Telescope, Radio

RADIOTHERAPY

Changes in the cardiovascular system during radiotherapy of cancer of the esophagus. I. T. Abasov, Sh. M. Beibutov. Med. rad. no. 3 13-19 '62.

Changes in the nervous system and internal organs during the late periods following radiotherapy [with summary in English]. L. M. Omel'ianenko, M. A. Mer-kova. Med. rad. no. 3 8-13 '62

Isoserological properties of the blood during radiotherapy. R. M. Utinson, M. P. Bogolavlenskaia. Med. rad. no. 3 20-23 '62

Supplementary irradiation of patients in X-ray therapy procedures. E. V. Utekhin. Vest. rent. i rad. 37 no. 1, 47-49 Ja-F '62

RADISHES

Preliminary study of polyploid radishes produced by treatment with colchicine. F. I. Tarasevich. Dokl. AN BSSR. 5 no. 10 470-474 O '61

RADON

Effect of general alpha ray therapy (administration into the stomach of radon water) on disordered lipid metabolism in an experiment [with summary in English]. F. L. Leites. Med. rad. no. 3 45-53 '62

Physiological and dosimetric studies of the effect of radon water administered internally on the secretory function of the stomach [with summary in English]. V. M. Berlabina and others. Med. rad. no. 3 39-45 '62.

RADON—DECAY

Determining the concentration of aerosols formed by the short-lived decay products of radon. N. P. Kartashov, G. A. Popov. Atom. energ. 12 no. 4 335-338 Ap '62

Rapid method for estimating the radiation hazard due to the presence of the daughter products of radon in the air. K. P. Markov, N. V. Riabov, K. N. Stas'. Atom. energ. 12 no. 1 315-319 Ap '62

RADON—PHYSIOLOGICAL EFFECT

Changes in the bioelectric activity of the cerebral cortex in rabbits immediately following inhalation of radon and the application of radioactive bandages [with summary in English]. S. N. Ardashnikov, M. L. Rait. Med. rad. 3 no. 1 18-22 Ja '60

Combined effect of quartz dust and radon in an experiment [with summary in English]. V. S. Kushneva. Gig. truda i prof. zab. 4 no. 1 22-28 Ja '60

RAFTS see subdivision under Novoil'insk

RAILROAD BRIDGES

We use reinforced concrete for wall plate beams. I. M. Kliunov. Put' i put. khoz. 6 no. 3 37 Mr '62.

RAILROAD BRIDGES—MAINTENANCE AND REPAIR see subdivision under Kazakhstan

RAILROAD ENGINEERING

"Prospecting, design and planning of railroads" by A. V. Gorinov. Reviewed by S. S. Ushakov and others. Zhel. dor. transp. no. 3 93-94 Mr '62

Rail and wheel band sections. K. P. Korolev. Put' i put. khoz. 6 no. 3 24-25 Mr '62

[Technical reference book on railroad engineering] Tekhnicheskii spravochnik zheleznodorozhnika. Red. kollegiia A. Γ. Barsanov i dr. Glav. red. E. F. Rudoi. Moskva, Gos. transp. zhel-dor. izd-vo.
Vol. 2. [Technical calculations and design] Tekhnicheskie raschety. Otv. red. toma M. A. Petrov. 1950. 796 p.

Track research car developed by the Novosibirsk Institute. Put' i put. khoz. 6 no. 3 15 Mr '62.

Verigo, M. F., ed. [Evaluating the action of present-day diesel and electric locomotives on track] Otsenka vozdeistviia na put' sovremennykh elektrovozov i teplovozov. [By] M. V. Alekseev i dr. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 42 p.

Zemblinov, S. V. [Graphic method of calculation for planning stations and junction points] Graficheskii raschet stantsii i uzlov. Moskva, Gos. transp. zhel-dor. izd-vo, 1950. 42 p.

RAILROADS
(see also subdivision under Elgava; Poland)

Creation of the material and technical foundations of communism and role of railroad transportation. S. K. Danilov. Zhel. dor. transp. no. 3 8-14 Mr '62

From the editor's mail. Zhel. dor. transp. no. 3 76 Mr '62

Letters to the editor. Put' i put. khoz. 6 no. 3 31 Mr '62.

Make every effort to carry out the fourth year of the seven year plan. N. M. Semenov. Avtom., telem. i sviaz' 6 no. 2 1-3 F '62.

Railroad transportation of the U. S. S. R. during 1961. Zhel. dor. transp. no. 3 43-46 Mr '62.

Shmyrev, A. G. [Handbook on automation and remote control on railroads] Spravochnik po zheleznodorozhnoi avtomatike i telemekhanike. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1962. 311 p.

RAILROADS—ABSTRACTS

[Railroad transportation] Ref. zhur.: Zhel. dor. transp. nos. 1-3 Ja-Mr '62.

RAILROADS—BIBLIOGRAPHY see Bibliography—Railroads

RAILROADS—BRAKES

Automatic brakes for the track motor c
nov. V. I. Polishchuk. Put' i put. khoz
Mr '62

Signaling device for use in testing train b
Avtom., telem. i sviaz' 6 no. 1 24-25

Vinogradov, V. M. [Mechanization of la
operations in the repair of braking equ
nizatsiia trudoemkikh rabot pri remon
oborudovaniia. Moskva, Vses. izdatel
ob"edinenie M-va putei soobshcheniia,

RAILROADS—CARS see subdivision unde
Sverdlovsk

RAILROADS—CARS—CLEANING

Self-propelled car-washing machinery.
A. I. Kolesnikov. Biul. tekh. -ekon. Infe
'62

RAILROADS—CARS—DESIGN AND CON

Use of bent sections in machinery build
tation. I. S. Trishevskii, V. I. Mitroshi
Poroshin. Zhel. dor. transp. no. 3 41

RAILROADS—CARS—MAINTENANCE A

Improving the organization and quality
Zhel. dor. transp. no. 3 18 Mr '62.

RAILROADS—COMMUNICATION SYSTE

Automatic reservation of TU-600 ampli
dev, O. V. Borisov. Avtom., telem. i
28-30 F '62

Filters for dispatcher-to-train radio c
N. U. Kanakuta. Avtom., telem. i svia
F '62

Improve the operational characteristic
N. I. Pavlenko. Avtom., telem. i svia
Mr '62.

Measurement of current in an equivale
ZhR-3 receiver-transmitter. K. M. I
telem. i sviaz' 6 no. 1 33 Ja '62

Measures for improving railroad radio
with selective ringing. A. A. Ustinsk
Avtom., telem. i sviaz' 6 no. 3 21-2

Modernized intermediate stations for
tions. M. I. Gorzih. Avtom., telem.
33-34 F '62

Multiplexing of railroad communicatio
frequency channels. A. A. Kazimov.
sviaz' 6 no. 2 7-9 F '62

Performance of two radio transmitter
a common antenna. A. I. Khanin. A
sviaz' 6 no. 3 31-33 Mr '62.

Prevention of false calls in Z-8 appar
bina. Avtom., telem. i sviaz' 6 no

Radio communications for signalmen
tenance work. N. M. Gneushev, A. I.
telem. i sviaz' 6 no. 1 31-32 Ja '62

Replies to the inquiries of our reader
sviaz' 6 no. 3 11 Mr '62.

Technical consultations. Avtom., tel
45 F '62

Use of the low-frequency section of t
mitter-receiver as a microphone am
Lazarevich. Avtom., telem. i sviaz
'62

RAILROADS—CONSTRUCTION see
Soviet Far East

RAILROADS—COST OF OPERATION

Dubitskii, M. N., and K. E. Ivanov. [
economic efficiency of the measure
tion of track overhauling operations
ekonomicheskoi effektivnosti merop
zatsii kapital'nykh putevykh rabot.
izdatel'sko-poligr. ob"edinenie Min
1961. 92 p. (Moscow. Vsesoiuznyi
vatel'skii institut zheleznodorozhno
Trudy, no. 222)

Zakharov, A. G., and others. [Meth
evaluation of the operational indice
maintenance units of railroads] Me
otsenki pokazatelei ekspluatatsionn
i khozedinits dorogi. Moskva, Vse
ob"edinenie M-va putei soobshchen

RAILROADS—CURVES AND TURNOU

Our method of curve alignment. B
Put' i put. khoz. 6 no. 3 32-33 Mr

RAILROADS—EARTHWORK

Kozhevnikov, K. I. [Tables for the l
roadbeds and earth embankments (
tures] Tablitsy dlia razbivki zheleznogo polotna i zemlianykh d
sooruzhenii. 3. izd., dop. i pere
izdatel'sko-poligr. ob"edinenie M-
nifa, 1962. 178 p.

RAILROADS—ELECTRIC EQUIPMEI

Bipolar operation of a direct contro
skii. Avtom., telem. i sviaz' 6 n

Change of the input network of the I
N. I. Iablonovskii. Avtom., telem
F '62.

RAILROADS – ELECTRIC EQUIPMENT (Continued)

Electric lines along the tracks for power supply to track mechanisms V M Kustov, V P Timofeev, Put' i put khoz 6 no 3 6-9 Mr '62

A more precise calculation of fuses V K Cherkashin Avtom , telem i sviaz' 6 no 2 43 F '62

Parameters of small-sized DT-0, 2-500 and DT-0, 6-500 choke transformers E, A Krumin, G A Stempkovskii Avtom , telem i sviaz' 6 no 2 10-11 F '62

Plank for fastening interchangeable relay plates V, P, Sychev Avtom, , telem i sviaz' 6 no 3 37 Mr '62

A small neutral relay with a thermal switch P. N Shil'tsov Avtom , telem. i sviaz' 6 no 2 44 F '62.

The "Svetofor" Factory is an enterprise of communist labor. Avtom , telem i sviaz' 6 no 2 3 F '62

The VES-3 electric power plant car. A. T. Karpov. Biul. tekh. -ekon. inform no. 2:71-72 '62

We are repairing the contactors of transmitter relays R. V Ageev Avtom., telem, i sviaz' 6 no. 3 34-35 Mr '62

RAILROADS—ELECTRIFICATION

Electrification of transportation and its future development in the light of the plan of the State Commission for the Electrification of Russia. B P. Petrov. Trudy MEI no. 33 223-242 '60.

Speed up the mass electrification of transportation Zhel dor. transp no. 3 3-7 Mr '62

TSetsura, I. A. [Experience in the reorganization of central block signaling systems in connecting with the transfer to a. c. traction] Opyt rekonstruktsii ustroistv STsB pri perekhode na elektricheskuiu tiagu peremennogo toka. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1961. 93 p.

RAILROADS—ELECTRONIC EQUIPMENT
(see also subdivision under Germany, West)

"Automatic control, remote control, and communications in railroad transportation" by D. P. Borisov, A IA Kormilitsyn, K. N. Erpylov Reviewed by N. V. Lupal Avtom., telem i sviaz' 6 no 1 47 Ja '62.

Automatic reservation of TU-600 amplifiers L. F Lebedev, O V Borisov Avtom , telem i sviaz' 6 no 2 28-30 F '62

Automatic speed control system in mechanized hump yards Part 5' Device for determining the length of the runs between uncouplings A. N. Petrov Avtom , telem i sviaz' 6 no 2 4-7 F '62

In the control and adjustment center of the Tiazhin railroad station I A TSetsura Avtom , telem i sviaz' 6 no 2 15-17 F '62

Increase in the measuring limits of a selective IGU-60 heterodyne indicator. N. I IAblonovskii Avtom., telem, i sviaz' 6 no. 3:41 Mr '62

Measurements in PS-4-59 apparatus. A. G. Shapchits, V V Romashevskii. Avtom., telem. i sviaz' 6 no. 3:42 Mr '62

New equipment requires up to date servicing methods. P N. Fedorov Avtom , telem i sviaz' 6 no 1 20-23 Ja '62

Technical consultations Avtom , telem. i sviaz' 6 no 2 46 F '62.

Use of SPD-59 apparatus for operation in high-frequency channels. I M. Zotov. Avtom., telem. i sviaz' 6 no. 3 36-37 Mr '62

Work with transistors A. M. Pogodin, I. I. Ebel' Avtom., telem i sviaz' 6 no 1 26-27 Ja '62.

RAILROADS—EMPLOYEES
(see also subdivision under Komi A. S. S. R.)

In a friendly and cooperative manner. K M. Shvelidze. Avtom., telem, i sviaz' 6 no. 3 33 Mr '62.

Women workers of the nation's main railroad line. B. S. Levfova. Avtom , telem. i sviaz' 6 no. 3:43 Mr '62.

RAILROADS—EMPLOYEES—DISEASES AND HYGIENE

Effect of vibrations on morbidity among female conductors and preventive measures O. I. Barsukova. Gig truda i prof zab. 5 no 8 45-46 Ja '61

RAILROADS—EMPLOYEES—MEDICAL CARE

Prevention of minor wounds. N. S. Achkasov. Med. sestra 21 no. 1:47-48 Ja '62.

RAILROADS—EQUIPMENT AND SUPPLIES

Orlov, A. P. [Machines and mechanisms for switching movements of cars] Mashiny i mekhanizmy dlia manovrovykh peredvizhenii vagonov. Moskva, Vses izdatel'sko-poligr. ob"edinenie M-pa putei soobshchenila, 1960. 113 p.

Rotary skeleton lifter. V. A Fedorov. Put' i put. khoz. 6 no. 3, 38 Mr '62.

Shabalin, N. N., and I. L. Paristyi. [Efficient utilization of the technological equipment of stations; work practices of Bryansk II Station of the Moscow Railroad] Effektivnoe ispol'zovanie tekhnicheskikh ustroistv stantsii; opyt raboty stantsii Briansk II Moskovskoi dorogi. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1962. 44 p.

"Track machinery and mechanisms" by N N. Gulenko, V. E. Gora Reviewed by V. A Ternovskii, M F. Stramous. Put' i put khoz. 6 no 3:46 Mr '62.

Two-sided spring for equipment boxes. V. K. Kopytov Avtom., telem. i sviaz' 6 no. 3:25 Mr '62.

RAILROADS—FREIGHT
(see also subdivision under Portsoglebsk)

[Advanced work methods for workers engaged in freight operations] Peredovye metody truda rabotnikov gruzovogo khoziaistva. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1961. 91 p.

Aksenov, I. IA. [Organization and management of freight transportation on railroads abroad] Regulirovanie perevozok na zarubezhnykh zheleznykh dorogakh Moskva, Gos. transp. zhel-dor. izd-vo, 1958, 170 p.

Rappoport, M. A., and G. M Shteinfer. [Using station facilities in loading and unloading operations; experience of the Sverdlovsk Railroad] Organizatsiia pogruzochno-razgruzochnykh rabot sredstvami stantsii, opyt Sverdlovskoi dorogi. Moskva, Vses izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1962. 33 p.

Will the elimination of penalties contribute to the reduction of the idle time of cars? V. A. Kuprin, L I Malginov. Zhel dor. transp no. 3 49-50 Mr '62

RAILROADS—FREIGHT—BIBLIOGRAPHY see Bibliography—Railroads—Freight

RAILROADS—FREIGHT CARS

Belogortsev, P. G [Dumper-type hopper cars; design, operation, repair] Khoppery-dozatory; ustroistvo, ekspluatatsiia i remont. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1962. 78 p. (Bibliotechka putelsa-mekhanizatora)

The 93 to 100 ton capacity bogie for railroad cars. S. I. Firsov. Biul. tekh. -ekon. inform no 2:67-68 '62

RAILROADS—HUMP YARDS

Automatic device for programming and route assigning in hump yard interlocking systems G. A. Krasovskii, N. I. Gmyzin, V. N. Efimov. Avtom , telem. i sviaz' 6 no. 3: 3-8 Mr '62.

Automatic speed control system in mechanized hump yards. Part 5: Device for determining the length of the runs between uncouplings. A. N. Petrov. Avtom , telem i sviaz' 6 no. 2 4-7 F '62.

Automatic speed regulating system in mechanized hump yards Part 4. Measuring device for uncoupling cars according to weight. N M Fonarev, I. F. Tarasikina. Avtom., telem i sviaz' 6 no 1 16-19 Ja '62

Improving the technology of classification yards. A V. Vinnichenko and others. Zhel. dor. transp no. 3, 36-41 Mr '62.

RAILROADS—JOINT USE OF FACILITIES

Material responsibility in the cooperative use of the means of transportation. IU N. Tikhonchuk. Zhel dor. transp. no 3 68-72 Mr '62

RAILROADS—MAINTENANCE AND REPAIR

Dubitskii, M. N., and K. E. Ivanov. [Determining the economic efficiency of the measures for the mechanization of track overhauling operations] Opredelenie ekonomicheskoi effektivnosti meropriiatii po mekhanizatsii kapital'nykh putevykh rabot. Moskva, Vses. izdatel'sko-poligr. ob"edinenie Min-va putei soob., 1961. 92 p. (Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. Trudy, no. 222)

RAILROADS—MAKING UP TRAINS

Prokof'ev, A. G. [Uniform network marking of railroad cars] Edinaia setevaia razmetka vagonov. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1962. 38 p.

RAILROADS—MANAGEMENT

Organization of local operations in connection with the new types of traction. M. Z. Aizenshtadt. Zhel. dor transp, no. 3 63-65 Mr '62.

Prokof'ev, A. G. [Uniform network marking of railroad cars] Edinaia setevaia razmetka vagonov. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1962. 38 p.

Public participation is a vital force of communism. I. Moshchuk, V. Vasiutovich. Sots. trud 7 no. 3:109-110 Mr '62.

RAILROADS—MODELS

Using models for studying the action of the rolling stock on the track on curves. A. A. Kamaev. Sbor. trud. BITM no. 20:5-42 '61.

RAILROADS—PERIODICALS

Conference of the readers of "Zheleznodorozhnyi transport" Zhel. dor. transp. no. 3:77 Mr '62.

RAILROADS—RAILS

Designing the superelevation of the outer rail according to the load characteristics. T. I. Kharakhuta. Put' i put. khoz. 6 no. 3:20-30 Mr '62.

Lengthening the service life of rails. P. P. TSukanov. Zhel. dor. transp. no. 3:26-32 Mr '62.

Some problems of rail maintenance. N. G. Kogan. Put' i put. khoz. 6 no. 3 22-23 Mr '62.

RAILROADS—RAILS—TESTING

We improved the URD-58 defectoscope V. V. Safonov. Put' i put. khoz. 6 no. 3, 39-41 Mr '62.

RAILROADS—RAILS—WELDING

Rail welding with the method of continuous lengths I. F. Sharov. Put' i put. khoz. 6 no. 3, 20-22 Mr '62.

RAILROADS—REPAIR SHOPS see subdivision Kalikino (Gorkiy Province)

RAILROADS—SIGNALING
(see also subdivision under Germany, West)

"Automatic control, remote control, and communications in railroad transportation" by D. P. Borisov, A IA Kormilitsyn, K. N. Erpylov Reviewed by N. V. Lupal Avtom., telem. i sviaz' 6 no. 1 47 Ja '62.

Circuit for the prevention of the discharge of [illegible] discharges in block system lines A. [illegible] I. N. Matiushin. Avtom., telem. i sviaz' [illegible] '62.

Concerning the shortcoming in the design of switch signaling commutators A. I. Komarov, [illegible] Avtom , telem i sviaz' 6 no. [illegible] '62.

"Electric rail network" by N. F. Kotlyarenko [illegible] by P. V. Matiukov and others. Avtom , telem [illegible] 6 no. 3:47-48 Mr '62

Increase the effectiveness and the state of the [illegible] of automatic control. V. F. Kovlov Avtom [illegible] sviaz' 6 no. 3 45-47 Mr '62

Measurement of rail signaling code current [illegible] works V. M Lapiev Avtom., telem [illegible] 33-34 Ja '62

Replies to the inquiries of our readers Avtom [illegible] sviaz' 6 no. 1 41 Ja '62.

Replies to the inquiries of our readers. Avtom [illegible] sviaz' 6 no. 3 44 Mr '62

Superimposition of audio frequency on rail [illegible] V. A Sharikov. Avtom., telem. i sviaz' [illegible] Mr '62

Synthesis of switching circuits. A. A. [illegible] khov. Avtom , telem. i sviaz' 6 no. 3 [illegible]

The TO-110 album Avtom , telem. i sviaz' [illegible] Ja '62

This is what a signal light network should [illegible] Faib Avtom , telem i sviaz' 6 no [illegible]

Use of a magnetic transducer for switching [illegible] signals. S. I. Afanas'eva, M. H. Libman [illegible] i sviaz' 6 no 2 47-48 F '62

Use of SPD-59 apparatus for operation in high [illegible] channels. I. M. Zotov. Avtom., telem i sviaz' [illegible] 36-37 Mr '62.

We are taking quick advantage of new technological developments. V S Gavrilov Avtom , telem [illegible] no. 1:1-4 Ja '62

RAILROADS—SIGNALING—BIBLIOGRAPHY see Bibliography—Railroads—Signaling

RAILROADS—SIGNALING—BLOCK SYSTEM

Certain problems concerning the construction [illegible] and interlocking systems. B. F. Temerin Avtom telem, i sviaz' 6 no. 3 30 Mr '62.

Changes in a network for switching in a line [illegible] G. F. Listopad. Avtom , telem. i sviaz' [illegible] '62.

The construction of semiautomatic block systems [illegible] be conducted on a large scale. Avtom., telem [illegible] 6 no. 3:1-2 Mr '62.

Device for linking a signal stand and a block [illegible] a polar line network. V. B Murozenko. Avtom [illegible] i sviaz' 6 no 2 42 F '62.

Improve the quality in manufacturing semiautomatic [illegible] apparatus for the RPITs system. I. IA Chaikin, A. A. Munokhin. Avtom , telem i sviaz' [illegible] '62.

Linking-up of semiautomatic relay block systems [illegible] route controlling devices of the Natalyevka [illegible] N. M. Stepanov. Avtom., telem. i sviaz' [illegible] '62.

The mobile IS-60 testing station in checking the [illegible] voltage equipment. P. A Stepkin Avtom [illegible] sviaz' 6 no 2 11-12 F '62

New relay-type semiautomatic block systems for [illegible] sides and railroad stations. P. V. Fedot'ev [illegible] telem. i sviaz' 6 no 1, 37 Ja '62.

RAILROADS—SIGNALING—INTERLOCKING [illegible]

Automatic device for programming and route assigning in hump yard interlocking systems. G. A Krasovskii, N. I. Gmyzin, V. N. Efimov. Avtom., telem, i sviaz' [illegible] 3-8 Mr '62.

Linking-up of semiautomatic relay block systems [illegible] route controlling devices of the Natalyevka [illegible] N. M. Stepanov Avtom., telem. i sviaz' [illegible] '62.

Relay interlocking systems have come into wide use V. P. Maisuradze. Avtom., telem. i sviaz' [illegible] Ja '62.

RAILROADS—SNOW PROTECTION AND REMOVAL see subdivision under Arctic regions

RAILROADS—STATION SERVICE see subdivision Brussels

RAILROADS—STATISTICS

Ivshin, P. IA. [Statistics of the locomotive depot, [illegible] and accounting] Statistika v lokomotivnom [illegible] otchetnost'. Moskva, Vses. izdatel'sko-poligr. [illegible] nenie M-va putei soobshchenila, 1962. 111 p.

RAILROADS—SWITCHING
Orlov, A. P. [Machines and mechanisms for switching movements of cars] Mashiny i mekhanizmy dlia manevrovykh peredvizhenii vagonov Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1960. 113 p.
Replies to the inquiries of our readers Avtom., telem. i sviaz' 6 no 1 41 Ja '62

RAILROADS—TIES
Shvarev, B. L. [Lengthening the service life of wooden ties] Prodlenie sroka sluzhby dereviannykh shpal Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1962. 45 p

RAILROADS—TIES, CONCRETE
Experience in the laying of reinforced concrete ties in track circuit territory. I. F. IUr'evich. Put' i put. khoz. 6 no. 3 10-11 Mr '62.

RAILROADS—TIMETABLES
[Timetable of suburban trains: Moscow - Kashira - Ozherelye, Moscow Railroad, winter 1961/62] Raspisanie dvizhenila prigorodnykh poezdov Moskva-Kashira-Ozherel'e Moskovskoi Zh. D.; zima 1961/62 g. [Moskva] Transzheldorizdat, [1961] 55 p.

RAILROADS—TRACK
Belogortsev, P. G. [Dumper-type hopper cars; design, operation, repair] Khopper-dozatory; ustroistvo, ekspluatatsiia i remont. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1962. 76 p. (Bibliotechka putelsa-mekhanizatora)
Continuous rail track on wooden ties N. G. Cherlov, S. A. Afanas'ev. Put' i put. khoz. 6 no. 3 12 Mr '62
Development of the design of the track superstructure D. M. Mel'nik Zhel. dor. transp. no. 3:32-36 Mr '62.
Eradication of vegetation on tracks. F. A. Belevich Put' i put. khoz. 6 no. 3 31-35 Mr '62
Experimental study of the stability of tracks with continuous rails. S. P. Pershin. Zhel. dor. transp. no. 3 28-30 Mr '62.
Further introduction of progressive designs for track superstructures Zhel. dor. transp. no. 3 47-48 Mr '62.
Need for stricter requirements for the justification of work system selection for a continuous track. S. P. Pershin Put' i put. khoz. 6 no. 3:26-27 Mr '62.
A new type of superstructure is in the making. I. V. Amelichev. Put' i put. khoz. 6 no. 3:13-15 Mr '62.
Povarenkov, S. D., A. S. Moroshkin, and A. D. Trel'iakov. [Maintenance and repair of the railroad track] Soderzhanie i remont zheleznodorozhnogo puti. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1962. 374 p.
Rail joints and the mechanical wear of ties. P. S. Gaidamaka. Put' i put. khoz. 6 no. 3 27-28 Mr '62.
Scientific and technical conference of track specialists of the "Oktiabr'" Railroad. Put' i put. khoz. 6 no 3 0 Mr '62.
We shall fulfill the fourth year's assignments of the five-year plan. Put' i put. khoz. 6 no 3:1-2 Mr '62.

RAILROADS—TRAFFIC
Potentialities of train traffic schedules. I. V. Zubov. Zhel. dor. transp. no. 3:15-19 Mr '62

RAILROADS, INDUSTRIAL
Efficiency of large consolidated transportation units. A. V. Kaiashev. Zhel. dor. transp. no. 3 72-75 Mr '62.
Levliskii, N. K., V. IA. Kochetov, and K. F. Druzhinin. [Organization of intraplant railroad transportation in machinery plants] Organizatsiia vnutrizavodskikh zheleznodorozhnykh perevozok na zavodakh mashinostroenila. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1961. 33 p.
Use of diesel locomotives with hydraulic drive in industrial enterprises G. V. Rudkov, V. P. Lukashevich. Zhel. dor. transp. no. 3, 75-76 Mr '62.

RAILROADS, NARROW-GAUGE see subdivision under Estonia

RAILROADS, SUSPENDED
Isaev, A. S. [Electricity and transportation; from the history of electric railroads and ground trackless electric transportation] Elektrichestvo i transport; iz istorii elektricheskikh zheleznykh dorog i nazemnogo bezrel'sovogo elektrotransporta. [Moskva] Mosk. rabochii, 1961. 108 p.

RAIN AND RAINFALL see subdivision under Georgia, Transcaucasia

RAINIS, J., pseud. see Plieksans, Janis, 1865-1929

RAKHIMOV, I. R., 1849-1927
History of the training of Azerbaijanian specialists at the institutions of higher education in Russia during the 19th century: Dr. I. R. Rakhimov N. A. Tairzade Dokl. AN Azerb. SSR 18 no. 1 99-105 '62.

RAKHIMOV, SABIR, d. 1945
Immortality. V. Groshev. Uzbekistan 21 no. 2:8-9 F '62.

RAKHMANOV, ALEKSANDR NIKOLAEVICH, 1861-1926
Aleksandr Nikolaevich Rakhmanov. By L. I. Lagutiseva Med sestra 21 no. 3:54-55 Mr '62.

RAMAN EFFECT
Raman spectra of systems composed of tin chloride with esters. Part 1. A. D. Dembitskii, T. N. Sumarokova Opt. i spektr. 12 no. 3:369-375 Mr '62.

RAMS
Interrelation between the method of using rams for breeding purposes and the development of their wool V. IU. Shavkun. Nauk. pratsi "Ask.-Nov." 9 45 '61

RANGE FINDING
Kuznetsov, I. T. [Firing with the aid of a range finder] Strel'ba s dal'nomerom. Moskva, Voen. izd-vo M-va oborony SSSR, 1962. 61 p. (Za voenno-tekhnicheskie znanila)

RANK, ORDER OF see Precedence

RARE EARTH CHLORIDES
Vapor hydrolysis of double chlorides of potassium and rare earth elements (La, Ce, Pr, Nd) [with summary in English] G. I. Novikov, A. K. Baev Vest. LGU 17 no. 4 154-160 '62

RARE EARTH COMPOUNDS
Compounds of rare earth elements with dibutyl phosphate. Z. A. Sheka, I. E. Kriss Zhur. neorg. khim. 7 no. 3 658-664 Mr '62

RARE EARTH METALS
(see also subdivision under Lovozero Tundras)
Effect of the distribution of rare earth elements in rocks on petrochemical factors and its significance for the solution of petrogenetic problems [with summary in English]. E. E. Vainshtein and others. Geokhimiia no. 12:1077-1086 '61.
Features of the distribution of rare elements in lead-zinc deposits and the methodology of studying them to calculate the reserves. A. A. Garmash, K. F. Kusnetsov, G. M. Meituv. Trudy Inst. min., geokhim. i kristallokhim. red. elem. no. 5, 56-71 '61
Galvanomagnetic properties of terbium, dysprosium, and holmium. K. P. Belov, S. A. Nikitin Fiz. met. i metalloved. 13 no. 1 43-49 Ja '62
Interaction of liquid magnesium with molten rare earth metal chlorides. G. N. Svalov. Izv. vys. ucheb. zav., tsvet. met. 5 no. 2:67-71 '62.

RARE EARTH SILICATES
Rare earth silicates. Report No. 7: Solid solutions between lanthanum and samarium silicates and gadolinium and dysprosium silicates. I. A. Bondar', S. IA. Galakhov, N. A. Toropov Izv. AN SSSR, Otd. khim. nauk no. 3, 377-382 Mr '62.
Rare earth silicates. Report No. 8: Solid solutions between lanthanum and ytterbium silicates. I. A. Bondar' Izv. AN SSSR Otd. khim. nauk no. 3, 383-388 Mr '62

RARE EARTH SULFATES—THERMAL PROPERTIES
Thermal decomposition of sulfates of some rare earth elements. A. A. Ivakin. Izv. Sib. otd. AN SSSR no. 1:49-54 '62.

RARE EARTHS
Cementation of rare earth elements with alkali metal amalgams M. G. Saiun, K. Kh. TSareva Zhur. neorg. khim. 7 no. 2 227-232 F '62.
Find of epidote containing strontium and rare earths in the Northern Caucasus. G. D. Afanas'ev, V. V. Ploshko, G. M. Varshal. Dokl. AN SSSR 143 no. 3:682-685 Mr '62.
Processing of complex titanium-niobium bearing rare earth minerals by the carbidizing and chlorination method. G. A. Meerson and others. Sbor. nauch. trud. GINTSVETMET no. 3, 175-185 '60.

RARE EARTHS—ANALYSIS
Quantitative determination of praseodymium in mixtures of rare earth elements. G. IA. Gornyi. Ukr. khim. zhur. 28 no. 2:238-241 '62.

RARE EARTHS—SPECTRA
Determination of impurities in the preparations of rare earth elements of the cerium group V. A. Korneev Zav. lab. 28 no. 2 184-188 '62.

RATITAE see subdivision under Askaniya-Nova Preserve

RAUWOLFIA
Prolonged ambulatory use of Rauwolfia preparations in hypertension [with summary in English]. N. D. Abramova, T. Z. Gurevich, V. I. Rovinskii. Sov. med. 25 no. 2:103-105 F '62.

RAVENSBRUECK (CONCENTRATION CAMP)
[They triumphed over death] Oni pobedili smert'. Izd. 2., perer. i dop. [Moskva, Gos. izd-vo polit. lit-ry, 1961] 339 p.
(NN)

RAW MATERIALS
Problems of raw materials for the basic chemical industry V. M. Borisov, N. A. Afanas'ev. Zhur. VKHO 7 no. 1:10-17 '62.

RAYCHIKHINSK REGION—WATER, UNDERGROUND
Water-bearing capacity of capping rocks of the Raychikhinsk brown coal deposit. V. G. Fetisov Amur. sbor. no. 2:269-276 '60.

RAYON SPINNING
Design and calculation of rayon cord characteristics for strength K. I. Konitskii Izv. vys. ucheb. zav., tekh. tekst. prom. no. 1:12-19 '62.

REACTION TIME
Increasing rate of disjunctive reaction resulting from the increasing number of discriminative characteristics in objects. L. B. Filonov. Dokl. APN 5 no. 4, 81-84 '61.

REACTORS (NUCLEAR PHYSICS) see Nuclear reactors

READING (ELEMENTARY)
Can Ivan read better than Johnny Navokina Nach. shkola 30 no. 4 90-91 Ap '62

REARRANGEMENTS (CHEMISTRY)
Furan series. Part 21. Wagner-Meerwein rearrangement in 3, 6-endoxocyclohexane IU. K. IUr'ev, N. S. Zefirov Zhur. ob. khim. 32 no. 3 773-782 Mr '62

RECEPTORS (NEUROLOGY)
Influence of sham feeding on the drinking behavior of esophagectomized dogs [with summary in English]. V. D. Smirnova Biul. eksp. biol. i med. 52 no. 7 28-32 Jl '61.
Morphology of receptors of the rectum under normal and pathological conditions. G. I. Nevzgliad. Vrach. delo no. 8 88-91 Ag '61.
Vascular reflexes from baroreceptors and chemoreceptors in hypothermia. N. Kh. Abdullaev. Med. zhur. Uzb. no. 3 29-32 My '60

RECLAMATION OF LAND See subdivision under Golodnaya Steppe, Kara Kum Canal region

RECLAMATION OF LAND—BIBLIOGRAPHY see Bibliography—Reclamation of land

RECONNAISSANCE, MILITARY see Military reconnaissance

RECORDING INSTRUMENTS
Recording instrument for multiple-bucket dredger operations. A. Kurbatov, Rech. transp. 21 no. 2 54 F '62
Use of ferrite cores with rectangular hysteresis loops in noncontact printing devices. A. K. Romanov. Avtom. i telem. i elek. izm. no. 2:123-136 '60

RECORDS, MEDICAL see Medical records

RECORDS, PHONOGRAPH see Phonorecords

RECREATION AREAS see subdivision under Apsheron Peninsula

RECTIFIERS (PHOTOGRAMMETRY)
Improving the mountain rectifier L. V. Pavlov Geod. i kart. no. 2 45-50 F '62

RECTUM—CANCER
Differential diagnosis of dysentery and cancer of the rectum [with summary in English]. Sh. S. Khaifen Sov. med. 25 no. 2 94-98 F '62.
Possibility of constructing an artificial anus after radical surgery on the rectum in cancer. A. M. Aminev Vest. khir. no. 9:81-84 '61

RECTUM—DISEASES
"Hemorrhagic and suppurative rectocolitis (ulcerative colitis) [in French]" by Roger Cattan and others Reviewed by E. M. Tareev Sov. med. 25 no. 2 155-156 F '62.
Treatment of acute paraproctitis. I. N. Ufanovskii Vest. khir. no. 9:133-134 '61

RECTU
Morp
r

I

F

I

F

REDUCTION, ELECTROLYTIC
Instruments for a rapid determination of the activity and reduction degree of nickel powder V I Lisov, V G Bryukin IU K Didyk Zav lab 26 no 2 247-249 '62
Mechanism of reduction of nitro compounds on the dropping mercury electrode S G Mairanovskii and others Izv AN SSSR Otd khim nauk no 3 523-525 Mr '62

REED (BOTANY)
Characteristic features of reed distribution within its habitat [with summary in English]. E G Mlako Biul. MOIP, Otd biol. 67 no 1 83-95 Ja-F '62

REELS (TEXTILE MACHINERY)
Overall mechanization and automation in reeling V M Burova, I. A. Zapolskii Tekst prom 22 no 2 4-6 F '62

REFLECTING TELESCOPE see Telescope, Reflecting

REFLECTION (OPTICS)
Reflection and transmission of light by plane-parallel layers with negative absorption coefficients. B I. Stepanov. Opt. i spektr 12 no 3 440-443 Mr '62.

REFLEXES
Clinical significance of the hand and mouth reflex [with summary in English] P.S.Babkin Vop. okh.mat.i det. 7 no 1 53-56 Ja '62
Conditioned and unconditioned secretion of glycine-C^{14} and methionine-S^{35} by salivary glands IU. A. Petrovich, R. P Podorozhnaia Dokl AN SSSR 143 no 2 487-490 Mr '62.
Dermovascular reactions in newborn infants S D. Dombek Vop okh.mat i det 7 no 1 56-60 Ja '62
Effect of a conditioned motor defense reflex on the corresponding unconditioned reflex [with summary in English]. N.V Kolchenko Fiziol zhur [Ukr.] 7 no 6 781-792 N-D '62
Perez reflex in newborn infants [with summary in English]. V. V. Balunova. Vop.okh. mat.i det. 7 no 1 51-53 Ja '62
Selectivity in the extinction of the orientation reflex to sound stimuli in dogs during natural and nembutal sleep [with summary in English] M M Karimova Zhur vys nerv deiat 11 no 6 1065-1073 N-D '61

REFORESTATION see subdivision under Lapland State Preserve

REFRACTION, DOUBLE
Optical phenomena arising in the passage of light through a pile of birefringent plates [with summary in English] H. Aben. Izv. AN Est. SSR. Ser. fiz.-mat i tekh. nauk no. 1 16-23 '62.

REFRACTOMETER
Automatic differential refractometer with a photoelectric cell. N G Androsiuk and others. Avtom. i prib. no 1 52-56 Ja-Mr '62

REFRACTOMETRY
New variation of the theodolite-immersion method V.G. Feklichev Trudy Inst. min., geokhim., i kristallokhim. redkikh elem no 8 111-117 '61.
Organoboron compounds Report No 93 Refractions of boron bonds with some elements. B M Mikhailov, T A Shchegoleva, IU N Bubnov. Izv AN SSSR Otd khim nauk no 3 413-419 Mr '62

REFRACTORIES INDUSTRY see subdivision under Zaporozh'ye

REFRACTORIES INDUSTRY—LABOR PRODUCTIVITY
Results of the work of the refractories industry in 1961. Ogneupory 27 no 2 49-52 '62.

REFRACTORIES INDUSTRY—QUALITY CONTROL
Modern methods of testing refractories and their quality control. R S Mil'shenko, G.E. Karas' Ogneupory 27 no 2 94-95 '62.

REFRACTORY MATERIALS
(see also subdivision under Great Britain)
The cement industry's need for refractories. A K Beliaev TSement 27 no 6 5-7 N-D '61
Chrome-magnesite periclase lining of rotary kilns for the burning of cement clinkers M. Sh. Sharafiev, G. V. Orlova. Ogneupory 27 no 3 142-144 '62
Durability of press mold plates during the press molding of grog products P. I. Solntsev, V. I. Gershkovich Ogneupory 27 no 3 120-126 '62
Durability of steel-pouring ladle stoppers I.B Kulichitskaia, N. B. Kuznetsova. Ogneupory 27 no 3 112-114 '62.
Graphite-bearing refractories for ingot mold bottom plates during the top pouring of killed steel. Z. A. Zhikharevich, A. G. Karaulov Ogneupory 27 no 3 104-111 '62.
High-alumina inserts for the continuous casting of steel. E S. Borisovskii, D.S. Rutman, D.B. Min'kov. Ogneupory 27 no. 2 50-53 '62
Life of refractories in tank furnaces of direct heating. V. N Morozov, V. V. Tiurin, N S Snezhinskii Stek i ker 19 no 3 11-13 Mr '62
Refractory materials for glass furnaces" by N V Solomin, Reviewed by F V Oblivalkin. Stek i ker. 18 no 11 17-48 N '61
Service of linings in the clinkering zone N V Il'ina G V Sokhatskaia, M N Shadrina TSement 27 no 6 7-10 N-D '61
Studying service conditions and type of wear of refractories in a 15-ton rotary steel smelting furnace M M Dvorkind and others Ogneupory 27 no 3 111-120 '62
System CaO - $MgO - ZrO_2 - SiO_2$ and its significance for the technology of refractories I. S Berezhnoi, R. A. Kordel' Ogneupory 27 no 2 85-90 '62
Use of a magnesite-chrome lining B IA Merdovskii TSement 27 no 6 11-15 N-D '61
Use of various types of refractories in rotary kilns G IA Korotkii, V V Krupnov TSement 27 no 6 11-17 N-D '61

REFRACTORY MATERIALS—BIBLIOGRAPHY see Bibliography—Refractory materials

REFRACTORY MATERIALS—PERIODICALS
Conference of the "Ogneupory" journal readers in Kiev. G. V Samsonov Ogneupory 27 no 3 148 '62.

REFRACTORY MATERIALS—STANDARDS
New standard for refractory materials for rotary kilns V K Zakharchenkov TSement 27 no 6 15-16 N-D '61

REFRACTORY MATERIALS—STORAGE
Automatically controlled frame bin. D I Konopatskii, G. G Chernavskii Ogneupory 27 no 3 141-146 '62

REFRACTORY MATERIALS—TESTING
Modern methods of testing refractories and their quality control R S. Mil'shenko, G I' Karas' Ogneupory 27 no. 2 94-95 '62

REFRIGERATION AND REFRIGERATING MACHINERY
Using deep freezing in press fitting. G. A. Bobrovnikov. Vest. mash. 42 no 3 45-48 Mr '62

REFRIGERATION AND REFRIGERATING MACHINERY—ABSTRACTS
[Compressors and refrigeration engineering] Ref. zhur. Otd. vyp. 34; Komp. i khol. tekh. nos. 1-5 Ja-Mr '62

REFRIGERATOR SHIPS
Determining the width of the ribband in the holds of refrigerator ships IU. F. Nesterov Ryb khoz 37 no 10:28-30 '61

REFUGEES—POLITICAL ACTIVITIES
Komitet osvobozhdenila narodov Rossii [Manifesto of popular will] Manifest voli narodnoi Munich, Izd-vo TsB SBONRa, 1960. 19 p. (NNC)
Soiuz bor'ba za osvobozhdenie narodov Rossii, Munich. [Materials of the Plenum of R. S. SBONR held during July, 1959] Materialy plenuma R. S. SBONR, iiul' 1959 g. Munich [Izd-vo SBONRa, 1959?] 32 p. (NNC)

REFUGEES, RUSSIAN see subdivision under Canada

REGAR DISTRICT—WOMEN AS FARMERS
Persistent Uguloi. V. Irinina. Sov. deput. trud no 3, 26-27 Mr '62

REGENERATION (BIOLOGY)
Biochemical analysis of the reaction of muscle tissues to radiation injury in case of a mechanical trauma. M. F. Popova. Dokl AN SSSR 143 no 2,444-447 Mr '62.
Bone tissue regeneration in animals at various basal metabolism levels [with summary in English] G V Khomullo Biul eksp biol i med 53 no 2 97-101 F '62
Glycoproteins in the blood serum during the process of bone tissue regeneration after fractures and transplantation [with summary in English] G D Zenkevich Vop med khim 7 no 6 592-598 N-D '61
Influence of bacterial polysaccharides on tissue regeneration under experimental conditions [with summary in English]. A. I. Braude and others Biul. eksp biol i med 52 no 7,107-110 Jl '61
Phagocytary reactions during the processes of regeneration and somatic embryogenesis in lower coelenterates. B. P. Tokin, F. N. Ericheva. Trudy MMBI no 3:113-121 '61.
Reactivity of the endothelium of the lymphatic pouch of frogs following mechanical injury [with summary in English] G.IA.Grafova. Arkh.anat gist.i embr 41 no. 12 34-43 D '61
Regeneration and somatic embryogenesis in Laomedea flexuosa Hincks B. P. Tokin, E. I. Kalinina. Trudy MMBI no. 3:105-112 '61.
Role of argyrophilic fibers in reparative osteogenesis following partial extirpation of the cerebral cortex [with summary in English] M B Rappoport Biul eksp biol i med 53 no. 2 115-117 F '62.
Sizes of mononuclear liver cells and the glycogen content in normal and regenerating liver in rats [with summary in English] Z A. Riabinina Biul. eksp. biol i med 53 no 2 101-105 F '62
Some characteristics of the regenerative capacity of mesothelium [with summary in English]. V F Ivanova. Arkh. anat. gist. i embr. 41 no. 12 18-29 D '61.
Stages in the post-traumatic regeneration of [illegible] lower and higher vertebrates; comparative histological analysis [with summary in English] V. V. [illegible] Arkh. anat. gist. i embr. 41 no 12 81-93 D '61

REGENERATION (BOTANY)
Study of cells during regeneration and the formation of secondary meristems. I. P. Cha[illegible] Dokl AN SSSR 144 no 2 444-446 My '62.

REGIONAL ILEITIS
Interrelationship between terminal ileitis and [illegible] Link. A.M. Ivanov. Vest. khir. no. 8 [illegible]

REHABILITATION
Prognosis of work capacity in patients with [illegible] [with summary in English] V.N [illegible] with 11 no. 9 96-101 '62

REINFORCED CONCRETE
Stamped metal forms used by British plants [illegible] forced concrete products IU V Dmitriev Beton i zhel-bet 8 no 3 147-149 Mr '62

REINFORCED CONCRETE—CURING
Automation of steam curing in chambers A M V[illegible] Beton i zhel-bet 8 no 3 97-102 Mr '62

REINFORCED CONCRETE—TESTING
Full-scale tests of a large panel for covering [illegible] goods. N. N Zatsepin-Vladychanskii, IU I Yas[illegible] skii, A. D Shaikin Gidrotekhnika no 7 60-70 '62

REINFORCED CONCRETE CONSTRUCTION
(see also subdivision under Moscow)
Anchoring concrete structures. A. P [illegible] stroi. 32 no 1,27-30 Ja '62.
Dykhovichnyi, A. I., and IU. A Dykhovichnyi [Reinforced concrete structures and their use in mine construction] Zhelezobetonnye konstruktsii i ikh primenenie v gornom stroitel'stve. Izd 2 Moskva, Gos. nauch.-tekh. izd-vo lit-ry po gornomu delu, 1962. 791 p.
Economics of offshore oil field construction [illegible] reinforced concrete R K. Nachov, I. S. G[illegible] mat. khoz 10 no. 10 14-17 O '61
Installing reinforced concrete supports for [illegible] transmission lines A S Krupskii Stroi mashiny 1151 no. 24 40-45 '56
Kovalenko, A. F. [Reinforced concrete instead of [illegible] Zhelezobeton vzamen metalla. Pod red A. V. Kovalev. Moskva, Mashgiz, 1961 25 p (Bibliioteka mekhanizatora stroitelia Seriia "Za ekonomiiu metalliov i elektricheskoi energii")
Tolmachev, M. A. [Masters of innovations] Mastera novinok [Moskva] Mosk. rabochii, 1961 10 p (Novatory sovnarkhozov)

REINFORCED CONCRETE CONSTRUCTION—[illegible]
Study of the behavior of the walls of reinforced [illegible] bins. I. P. Zhdakhin Bet i zhel-bet [illegible] Mr '62

REINFORCEMENT IN CONCRETE see Concrete reinforcement

REKEMCHUK, ALEKSANDR EVSEEVICH, 1911
Our contemporary. L. Annenskii. V mire knig 27-28 p '62.

RELAXATION
Relaxation for flight crews A. Kavvadzhin Av. i kosm 41 no 3,54-56 '62

RELAYS, ELECTRIC see Electric relays

RELIGION
(see also subdivision under Ukraine)
Antonenko, V. H. [Socialist humanism and Christian "love for one's neighbors] Sotsialisty[illegible] i khrystyians'ka "liubov" do blyzhn'oho Kyiv, Vyd-vo Akad. nauk URSR, 1961. 85 p.
Eryshev, A. A. [Religion is an enemy of the [illegible] friendship of peoples] Religiia - vrag [illegible] i druzhby narodov. Kiev, Izd-vo Akad. nauk [illegible] 56 p.
International news Volov ateist no. 11,60 [illegible]
Moscow. Akademiia obshchestvennykh nauk [Critique of religious ideology] Kritika religioznoi ideologii Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1961 262 p.
Ustemirov, Zh., comp. [We gave up religion] My otkazalis' ot religii. Alma-Ata, Kazakhskoe gos. izd-vo, 1960. 123 p.
Volikovich, L. N. [Religion as the ideological weapon of imperialists] Religiia - ideologicheskoe oruzhie imperialistov. Moskva, Voen. izd-vo M-va oborony SSSR, 1961. 104 p. (Nauchno-populiarnaia biblioteka)
[We gave up religion; stories of former believers] My porvali s religiei; rasskazy byvshikh veruiushchikh. Moskva, Voen. izd-vo M-va oborony SSSR, 1961. [illegible] (Nauchno-populiarnaia biblioteka)

RELIGION—CONTROVERSIAL LITERATURE
Belief in a creator of the world is groundless. [illegible] Volov. ateist no. 3,12-16 Mr '62.
"Socialist humanity and Christian 'love thy neighbor' rule" by V. H. Antonenko. Reviewed by M. [illegible] Volov. ateist no 3 62-63 Mr '62

RELIGION AND COMMUNISM see Communism and religion

RELIGION AND SCIENCE

Successes of natural sciences and new maneuvers of churchmen. I. Druianov. Komm. Vooruzh. Sil. 2 no. 6 51-61 Mr '62.

RELIGION AND SOCIAL PROBLEMS see Church and social problems

RELIGION AND STATE

Reactionary essence of clericalism. F. Kondratkov. Polit. samoobr. 6 no. 3 56-59 Mr '62.

RELIGIOUS LIBERTY

A country of complete religious liberty. I. Brazhnyk. Votsv. mir. 61 no. 11:7-11 N '61.

REMOTE CONTROL

[Automatic control, remote control, and communications on a. c. railroads] Avtomatika, telemekhanika i sviaz' na zheleznykh dorogakh s elektrotiagoi peremennogo toka; sbornik statei. Pod obshchei red. D. A. Bunina. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 201 p.

Calculation of the loss of information in centralized control systems [with summary in English]. M. I. Lanin. Avtom. i telem. 23 no. 3:321-330 Mr '62.

Central control device. M. Kabal'skii, G. I. Avorskii, V. Tymanti. Stroi. i arkhit. 9 no. 11:33-34 N '61.

Experience in operating a frequency remote control system and a signaling system. V. A. Smidovich and others. Elek. sta. 33 no. 2:72-75 F '62.

Methods for connecting additional synchronous rings to the distributor of a remote control system [with summary in German]. A. Gel'b. Izv. AN Est. SSR. Ser. fiz.-mat. i tekh. nauk. 10 no. 2:110-119 '61.

Pisanik, M. N. [Exploitation of stippers by remote control in the Andizhan oil field] Ekspluatatsiia malodebitnykh skvazhin na dispetcherizirovannom neftepromysle Andizh. Moskva, Gos. nauchno-tekhn. izd-vo nefti, i gorno-toplivnoi lit-ry, 1961. 87 p. (Obmen peredovym tekhnicheskim opytom)

Remote control of a long-period vibration pickup. I. S. Maksimov, V. A. Tel'makov. Trudy Inst. fiz. Zem. no. 19:86-90 '61.

Remote control of the welding current. I. N. Vornovitskii, V. I. Krupol'skii. Svar. proizv. no. 1:33 Ja '62.

A remote control system. V. Revnov. Radio no. 3:15-16 Mr '62.

Shnyrev, A. G. [Handbook on automation and remote control on railroads] Spravochnik po zheleznodorozhnoi avtomatike i telemekhanike. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1962. 311 p.

Some results of work on automatic control and mechanization in fields of the Oil Field Administration of the Stalin Petroleum Trust. M. M. Mustafaev. Azerb. neft. khoz. 40 no. 10:28-31 O '61.

Steel pouring from two-stopper ladles with remote control of the stoppers. I. S. Klimashenko, I. A. Sokolov, I. IA. Botnev. Metallurg. 7 no. 1:21-23 Ap '62.

The IO-3 remote control switching apparatus. V. S. Skitalinov. Elek. sta. 33 no. 1:60-64 Ja '62.

RENAL INSUFFICIENCY

Hemodialysis operation ("artificial kidney") in acute renal insufficiency appearing after the intake of sulfanilamides. V. A. Agranenko, N. N. Skachilova, E. V. Chkanikova. Terap. arkh. 34 no. 3:115-119 '62.

Treatment of acute renal insufficiency by hemodialysis using an "artificial kidney" apparatus of Soviet manufacture. M. I. Sorokina and others. Klin. med. no. 1:27-31 '62.

RENT (ECONOMIC THEORY)

Differential land rent and problems of equilibrating economic conditions for raising collective-farm profits. L. Logvinov. Vop. ekon. no. 3:110-126 Mr '62.

Kagarlitskaia, O. T. [Ground rent; development of capitalism in agriculture] Zemel'naia renta, razvitie kapitalizma v sel'skom khoziaistve. [Leningrad] Izd-vo Leningr. univ., 1961. 101 p.

RENTAL AUTOMOBILES see Automobiles, Rental

RENTING OF EQUIPMENT, ETC.

Those who perform services. M. Bury. Belarus' 19 no. 3:10-11 Mr '62.

REPRODUCTION

Cases of atypic reproduction in some representatives of passerines. L. S. Stepanian. Biul. MOIP, Otd. biol. 67 no. 1:119-120 Ja-F '62.

Some problems in the ecology of reproduction of marine bottom invertebrates with pelagic development. S. A. Mileikovskii. Trudy MMBI no. 3:147-169 '61.

REPTILES see subdivision under Latvia

REP'YAVR REGION—GNEISS

Anatexis of aluminiferous gneisses. V. B. Dagelaiskii. Trudy Len. ob-va est. 72 no. 1:55-58 '61.

REP'YEVKA REGION—GEOLOGY, STRATIGRAPHIC

Recent data on upper Devonian deposits on the southeastern slope of the Tokmovo anticline. V. I. Liashenko, N. S. Il'ina. Dokl. AN SSSR. 143 no. 4:928-930 Ap '62.

RESEARCH

(see also subdivision under Akademgorodok Kazakhstan, Kirghizistan, Leningrad, Siberia, Turkmenistan, Ural Mountain region)

Conference on the coordination of scientific research work. M. Tarfelit. Izv. AN Est. SSR. Ser. fiz.-mat. i tekh. nauk. no. 1:75-76 '62.

A great landmark. Sib. mat. zhur. 3 no. 1:3-4 Ja-F '62.

Objectives of the Department of Technology in the light of the decisions of the 22d Congress of the CPSU. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 1:3-6 Ja-F '62.

Special control features in scientific institutions. V. Vikent'ev. Sots. trud. 7 no. 3:93-33 Mr '62.

RESEARCH, INDUSTRIAL

(see also subdivision under Leningrad)

Scientific councils. Biul. tekh.-ekon. inform. no. 2:78 '62.

RESEARCH LIBRARIES see subdivision under Leningrad

RESEMBLANCE, PROTECTIVE see Mimicry (Biology)

RESERPINE

Immunological reactivity of patients with schizophrenia during reserpine treatment. Iu. A. Il'inskii. Vest. AMN SSSR. 17 no. 1:43-51 '62.

Reserpine-anticoagulant treatment of hypertension concomitant with stenocardia. B. P. Kushelevskii and others. Klin. med. no. 3:95-100 '62.

RESERVOIR SEDIMENTATION

(see also subdivision under Mingechaur Reservoir)

Reservoir sedimentation. P. P. Kokoulin. Sbor. rab. Tsim. gidrometeorol. obser. no. 2:19-26 '61.

RESERVOIRS

(see also subdivision under Donets Basin, Volga Valley)

Concerning the design of cooling reservoirs. P. A. Denisov. Elek. sta. 33 no. 2:20-26 F '62.

Fight with surface vegetation in the cooling reservoirs. B. S. Shimanskii. Elek. sta. 33 no. 1:26-30 Ja '62.

Testing the work of a seepage preventing curtain of a reservoir shore. M. M. Biliashevskyi, O. IA. Olinuk, V. O. Pkachenko. Visti Inst. gidrol. i gidr. AN URSR. 18:91-102 '61.

Water reservoirs of precast reinforced concrete. B. F. Beletskii. Bet. i zhel.-bet. 8 no. 3:132-136 Mr '62.

RESERVOIRS—CONGRESSES

The Baikal conference on the study of reservoir shores. N. N. Reutskaia, N. V. Pavolova. Izv. AN SSSR. Ser. geog. no. 2:148-149 Mr-Ap '62.

RESERVOIRS—SANITATION

"Hygiene of reservoirs," edited by N. N. Litvinov. Reviewed by S. I. Vendrov. Izv. AN SSSR. Ser. geog. no. 2:137-141 Mr-Ap '62.

RESIN ACIDS

Resin acids. Part 4. Chemical composition of resin obtained from pine (Pinus silvestris) oleoresin. I. I. Bardyshev, O. T. Pkachenko, Kh. A. Cherches. Zhur. obshch. khim. 32 no. 3:999-1001 Mr '62.

RESINS see Gums and resins

RESINS, SYNTHETIC

Physicochemical properties of resins obtained by polycondensation of benzyl chloride and 1-chloromethylnaphthalene in the presence of chlorides of elements of the fourth group [with summary in English]. O. A. Ospov, V. I. Minkin, O. E. Kashireninov. Vysokom. soed. 3 no. 12:1774-1781 D '61.

Rheologic and thixotropic properties of the dispersion of alkyd resins modified by polyamid resins. A. A. Trapeznikov, T. G. Shalopalkina, T. A. Amfiteatrova. Lakokras. mat. i ikh prim. no. 5:3-10 '61.

RESINS, SYNTHETIC—PATENTS see subdivision under Austria

RESINS, SYNTHETIC—THERMAL PROPERTIES

Thermal decomposition of condensation resins. Part 3. Thermal decomposition of heterochain polyesters (polyarylates) [with summary in English]. B. M. Kovarskaia and others. Vysokom. soed. 4 no. 3:433-439 Mr '62.

RESISTANCE, ELECTRIC see Electric resistance

RESONANCE

Nonautonomous quasilinear system with many degrees of freedom in the general resonance region. P. M. Senik. Ukr. mat. zhur. 14 no. 1:92-96 '62.

RESONATORS, ELECTRIC see Electric resonators

RESORCINOL

Photometric determination of thorium with 4-(2-pyridylazo)-resorcinol. A. I. Busev, V. M. Ivanov. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 6:914-922 '61.

Separation of 4-production mixture of dimethylresorcinols. N. F. Sharonova, V. V. Shamanova. Trudy VNIIP. no. 10:196-202 '61.

RESORTS see Summer resorts

RESOURCES, NATURAL see Natural resources

RESPIRATION

Changes in body temperature and oxygen consumption in rabbits following administration of amytal-sodium [with summary in English]. G. M. Davydova. Biul. eksp. biol. i med. 52 no. 7:48-53 Jl '61.

Characteristics of respiration regulation after some surgical interventions on the chest (Electromyographic study) [with summary in English]. I. A. Panchenko. Biul. eksp. biol. i med. 52 no. 11:27-30 N '61.

Characteristics of the effect of ammazine on respiration and blood pressure in puppies of various ages [with summary in English]. N. V. Ivanov, V. V. Pshenichnikova. Fiziol. zhur. [USSR.] 7 no. 6:762-766 N-D '61.

Clinical aspects and treatment of disorders of respiration in diseases of the nervous system of different etiology [with summary in French]. I. M. Popova, O. A. Khondkarian, V. F. Dubrovskaia. Zhur. nevr. i psikh. 61 no. 8:1117-1121 '61.

Effect of local anesthetics on respiratory phosphorylation [with summary in English]. M. I. Kuzhman. Vop. med. khim. 7 no. 3:243-245 My-Je '61.

Effect of peraccin (acetyl α-aminonicotine) on respiration and arterial blood pressure. Sh. I. Cogniashvili. Soob. AN Gruz. SSR. 27 no. 3:355-362 S '61.

Effect of pure oxygen respiration on the lungs and heart of white rats [with summary in English]. I. S. Balakhovskii, A. R. Mansurov, V. I. IArdovskii. Biul. eksp. biol. i med. 53 no. 2:43-47 F '62.

Embryonic respiratory adaptations in fishes and the characteristics of their development in the miller's-thumb (Cottoidei) of Lake Baikal. S. G. Soin. Vop. ikht. 2 no. 1:127-139 '62.

Functional disturbance of external respiration in patients with bilateral lesions of the lungs [with summary in English]. Z. I. Levina, G. L. Rubanovich. Grud. khir. 2 no. 3:67-73 My-Je '60.

Functional state of the external respiratory apparatus in mitral stenosis [with summary in English]. I. F. Martynov. Grud. khir. 3 no. 6:38-43 N-D '61.

Gas exchange and some characteristics of reactivity in schizophrenia [with summary in French]. M. M. Davydova. Zhur. nevr. i psikh. 61 no. 8:1227-1231 '61.

Gas exchange, hemodynamics, and respiratory function of the blood in experimental acute diffuse peritonitis and its treatment. N. K. Doronina. Vrach. delo no. 8:38-45 Ag '61.

Intensity of gas exchange in water bacteria [with summary in English]. Iu. S. Beliatskaia-Potapenko. Mikrobiologiia. 31 no. 1:135-139 Ja-F '62.

Konferentsiia po fiziologii i patologii dykhaniia. [New developments in the physiology and pathology of respiration, data] Novoe v fiziologii i patologii dykhaniia, materialy. Pod red. V. V. Parina. Moskva, 1961. 279 p.
(DNLM)

Modification of a tracheotomy tube, making possible a change-over from tracheal respiration to oral-nasal respiration. Iu. V. Zotov, V. A. Kozyrev. Vop. neirokhir. no. 2:34-35 '62.

Nonuniform changes in the electrical activity of the respiratory muscles in experimental injuries of the peritoneum (Problem of segmental reactions of the respiratory muscles) [with summary in English]. T. I. Gorunova. Biul. eksp. biol. i med. 52 no. 11:30-35 N '61.

Respiratory function of the lungs and oxygen content in the blood in closed craniocerebral trauma. L. M. Rozhdestvenskii. Vrach. delo no. 8:60-65 Ag '61.

Respiratory phenomenon in varicose venous dilatation of the lower extremities. V. S. Mzhel'skii. Vest. khir. no. 8:49-52 '61.

Significance of collateral ventilation in lung cancer. I. S. Rozenshtraukh. Grud. khir. 3 no. 6:94-100 N-D '61.

State of respiration during surgery on the posterior cranial fossa in children under intratracheal anesthesia [with summary in English]. N. F. Nikolaeva. Vop. neirokhir. no. 2:30-34 '62.

Tracheostomy as a method for preventing respiratory insufficiency after surgery on the esophagus and cardia [with summary in English]. Iu. E. Berezov and others. Vest. khir. no. 3:3-9 '62.

Use of supplementary methods for determining the functional capacity of the lungs. N. A. Leshch. Vrach. delo no. 8:123 Ag '61.

RESPIRATORS

Two cases of treating diphtherial polyneuritis with disorders of respiration by means of "iron lungs." M. V. Kabargina. Pediatriia no. 2:84-85 '62.

RESPIRATORY ORGANS—DISEASES

Active prevention of acute respiratory infections. D. P. Beliatskii, B. B. Rubinshtein. Zdrav. Bel. 8 no. 1:6-9 Ja '62.

Acute respiratory diseases in children caused by the 7a type of adenovirus [with summary in English]. F. G. Epshtein and others. Sov. med. 25 no. 2:81-85 F '62.

Care of neurosurgical patients with respiratory disorders. V. A. Kozyrev. Med. sestra. 20 no. 12:36-39 D '61.

RESPIRATORY ORGANS—DISEASES (Continued)

Indications and contraindications for tracheostomy in some types of respiratory disorders (Clinical and experimental data) D. A. Arapov, IU. V. Isakov. Grud. khir. 3 no. 6:105-111 N-D '61.

Miasnikov, A. L., ed. [Handbook of internal diseases] Rukovodstvo po vnutrennim boleznjam. Leningrad, Medgiz.
Vol. 5. Tushinskii, M. D. [Diseases of the respiratory system] Bolezni sistemy dykhanija. Pod red. A. IA. TSigel'nika. 1960. 398 p. (DNLM)

Occupational diseases of the upper respiratory organs and the ears, and control of these diseases. G. S. Trambitskii, A. E. Tamarina. Med. sestra 21 no. 1:20-24 Ja '62.

Streptococcal diseases of the upper respiratory tract, their prevention and treatment [with summary in English]. P. P. Sakharov. Terap. arkh. 34 no. 3:26-28 '62.

REST

Effect of a shower bath on the restoration period after work [with summary in English]. N. L. Skurat. Gig. truda i prof. zab. 4 no. 11:13-18 N '60.

RESTAURANTS, LUNCHROOMS, ETC.

For the profitableness of public food service. M. Krugler. Sov. potreb. koop. 6 no. 3:23-26 Mr '62.

RESTAURANTS, LUNCHROOMS, ETC.—EQUIPMENT AND SUPPLIES

Vysheteskii, A. N., ed. [Equipment of public food service establishments, electrical refrigerating, and sanitary equipment] Oborudovanie predprijatii obshchestvennogo pitanija; elektricheskoe, kholodil'noe i sanitarno-tekhnicheskoe oborudovanie. Moskva, Gos. izd-vo torg. lit-ry, 1961. 447 p.

RESUSCITATION

Modern theory and practice of resuscitation. G. L. Frenkel'. Vest. AN Kaz. SSR no. 2:25-31 '61.

Role of the autonomic nervous system in the restoration of cardiovascular activity in clinical death [with summary in English]. E. M. Smirenskaia. Grud. khir. 1 no. 3:43-51 My-Je '59.

RETAIL STORES see Stores, Retail

RETAIL TRADE
(see also subdivision under Lugansk; Poltava Province)

Great prospects. B. TSelebrovskii. Sov. potreb. koop. 6 no. 3:20-22 Mr '62.

[Trade abroad, organization, new methods, and equipment of trade and public food service] Torg. za rub., org., nov. metody, tekh. torg. i mass. pit. no. 2 '62.

RETICULO-ENDOTHELIAL SYSTEM

Function of the physiological anticoagulation system in a reticulo-endothelial block [with summary in English]. V. E. Pastorova, G. I. Rosrin, B. A. Kudriashov. Biul. eksp. biol. i med. 52 no. 11:23-26 N '61.

RETINA

Nature of the R membrane in the retina of the frog. A. L. Byzov. Biofizika 6 no. 5:620-623 '61.

RETINA—INNERVATION

Submicroscopic morphology of the ganglion neurons of the retina as a reflection of some characteristics of their metabolism. IU. S. Chentsov, V. L. Borovlagin, V. IA. Brodskii. Biofizika 6 no. 5:590-595 '61.

RETIRED MILITARY PERSONNEL—EMPLOYMENT

His life without shoulder straps. A. Kutsei. Belarus' 19 no. 3:10-11 Mr '62.

Nikitin, G. A., and A. P. Grekov. [They are always in formation] Oni vsegda v stroiu. Moskva, Izd-vo DOSAAF, 1961. 114 p.

RETROPERITONEAL SPACE—TUMORS

Differential diagnosis of traumatic Retroperitoneal hematomas. V. S. Vernik. Vest. khir. no. 8:108-112 '61.

RETROPERITONEAL SPACE—WOUNDS AND INJURIES

Diagnosis of retroperitoneal hematomas in children following severe injuries. I. F. Kharitonov. Kaz. med. zhur. no. 5:42-46 S-O '61.

RETTING

Artificial retting of hemp stalks and bast with electrode heating of the retting liquor. L. I. Kabanov. Tekst. prom. 22 no. 3:40-42 Mr '62.

REVDA (SVERDLOVSK PROVINCE)—INSURANCE, SOCIAL—EMPLOYEES

Creative activity of the masses. Sots. obesp. 23 no. 3:2-5 Mr '62.

REVENUE—CONGRESSES

Conference of state revenue workers. Fin. SSSR 23 no. 3:92-95 Mr '62.

REVERDATTO, VIKTOR VLADIMIROVICH, 1891-

V. V. Reverdatto; on his 70th birthday and the 50th anniversary of his scientific work. G. V. Krylov. Biul. MOIP. Otd. biol. 67 no. 1:133-135 Ja-F '62.

REWARDS (PRIZES, ETC.)

Conferring of diplomas, awarding of medals and valuable gifts to participants in the Exhibition of the Achievements of the National Economy of the U. S. S. R. Med. prom. 15 no. 6:62-64 Je '61.

Innovator's award. Sov. potreb. koop. 6 no. 3:31 Mr '62.

RH FACTOR

Hemolytic disease in newborn infants associated with sensitization to the Rh antigen [with summary in English]. V. A. Taholin, M. A. Umnova. Vop. okh., mat. i det. 7 no. 1:28-31 Ja '62.

Rapid method for determining the Rh factor. A. IA. Ashkenazi. Probl. gemat. i perel. krovi no. 3:59-62 '62.

RHENIUM-MANGANESE ALLOYS see Manganese-rhenium alloys

RHENIUM-RUTHENIUM ALLOYS see Ruthenium-rhenium alloys

RHEUMATIC FEVER
(see also subdivision under Ukraine)

Allergic reaction of the skin in rheumatic fever during the post-attack period [with summary in English]. Z. D. Angulova. Vrach. delo no. 2:49-53 F '62.

Antistreptokinase content of the blood in children during an acute rheumatic attack. Zh. Zh. Rapoport. Kaz. med. zhur. no. 1:72 Ja-F '62.

Chronic tonsillitis and rheumatic fever. F. P. Malomuzh. Med. sestra 21 no. 2:9-14 F '62.

Clinical aspects and pathological anatomy of rheumatic pneumonias. A. M. Khelimskii. Kaz. med. zhur. no. 5:72 S-O '61.

Clinical statistical data on rheumatic fever in children during the period 1955-1960. B. Kairakhodzhaev and others. Med. zhur. Uzb. no. 1:31-34 Ja '62.

Effect of novocaine electrophoresis on the make-up of the peripheral blood in children with rheumatism. F. A. Bogomolova. Azerb. med. zhur. no. 12:23-26 D '61.

Effectiveness of anti-recurrence treatment of rheumatic fever. M. S. Vainshtein. Vrach. delo no. 2:131-135 F '62.

Mixed forms of rheumatic fever in infectious nonspecific polyarthritis. R. M. Benkhin, M. I. Dimant. Vrach. delo no. 8:116-117 Ag '61.

Use of anticoagulants in rheumatism [with summary in English]. V. N. Diachenko. Klin. med. no. 3:100-105 '62.

Use of sulfozin in the compound treatment of cerebral rheumatism. A. IU. Vylasnovskii, N. N. Lapirova. Kaz. med. zhur. no. 1:43-45 Ja-F '62.

RHEUMATIC FEVER—CONGRESSES

Republic Research and Practice Conference on the Problem of Rheumatic Fever. A. L. Mikhnev. Vrach. delo no. 2:148-149 F '62.

RHEUMATIC HEART DISEASE

Antibodies reacting with human heart tissue in antistreptococcic rabbit serum [with summary in English]. I. M. Liampert and others. Zhur. mikrobiol., epid. i immun. 33 no. 2:62-68 F '62.

Cholinesterase activity in rheumatic heart disease [with summary in English]. V. F. Voitik. Terap. arkh. 34 no. 3:54-60 '62.

Comparison of the pathoanatomical changes in chronic endocarditis and rheumatism. G. N. Voronkovskaia. Kaz. med. zhur. no. 5:71-72 S-O '61.

Condition of the fundus in rheumatic heart disease [with summary in English]. E. I. Anina. Oft. zhur. 17 no. 1:50-53 '62.

Electrokymographic study of the contractile function of the myocardium in rheumatism. K. V. Chernetskii. Terap. arkh. 34 no. 2:47-51 '62.

Electrophoretic method of studying the blood serum proteins for diagnosing latently active rheumatism. A. V. Pospelova. Kaz. med. zhur. no. 1:72-73 Ja-F '62.

Rheumatic heart granulomas as a criterion of aggravation of the rheumatic process [with summary in English]. E. K. Berezovskaia. Grud. khir. 1 no. 3:22-30 My-Je '59.

Topographic value of precardiac leads in rheumatic defects of the heart. P. L. Gladyshev. Sov. med. 25 no. 2:34-37 F '62.

Torpid course of rheumocarditis in mitral stenosis preceding and following commissurotomy [with summary in English]. P. A. Kuprianov, T. G. Blestkina. Kardiologiia 1 no. 3:38-45 My-Je '61.

RHEUMATISM
(see also subdivision under Odessa Province)

Bykhovskii, Z. E. [Rheumatic and nonrheumatic diseases of the joints and their sanatorium-health resort treatment] Revmaticheskie i nerevmaticheskie zabolevanija sustavov i ikh sanatorno-kurortnoe lechenie. Moskva, Medgiz, 1962. 338 p. (DNLM)

C-reactive protein in rheumatism and rheumatoid arthritis. N. I. Vinogradov, P. M. Pashinin. Terap. arkh. 34 no. 2:52-56 '62.

Determination of capillary permeability [illegible] the diagnosis of rheumatic fever. V. N. [illegible] delo no. 8:114-115 Ag '61.

Immediate results of hormone therapy of [illegible] rheumatism and rheumatoid arthritis. A. [illegible] Sov. med. 25 no. 9:119-120 [illegible]

Pathomorphological changes in the nervous [illegible] rheumatism [with summary in English]. [illegible] Zhur. nevr. i psikh. 61 no. 8:1153-1159 [illegible]

Skin hydrophilic test in hyperergic inflammation [illegible] experiment on rabbits. M. E. Aleksinskii. Par. fiziol. i eksp. terap. 6 no. 1:83-84 Ja-F '62.

RHIZOSPHERE MICROBIOLOGY

Microflora of the roots of tomatoes and its [illegible] water and soil). T. G. Zinenko, I. V. Lukashik. Inst. biol. AN BSSR no. 6:203-210 '61.

Study of the microflora of the rhizosphere [illegible] light fluorescence microscopy [with summary in English]. D. G. Zviagintsev. Mikrobiologiia [illegible] 115 Ja-F '62.

RHODANINE

Synthesis of thiazolidone derivatives of [illegible] terest. Part 18: N, N'-tetramethylene [illegible] and its 5, 5'-diarylidene derivatives. [illegible] V. M. Vvedenskii, L. I. Petlichnaia. Zhur. [illegible] 32 no. 3:880-881 Mr '62.

RHODES—HISTORY

Olbia and Rhodes according to the numismatic [illegible] Karyshkovskii. Kratk. soob. Inst. arkheol. [illegible] '61.

RIBOFLAVIN

Effect of animal and plant protein on the [illegible] riboflavin in animals [with summary in English] [illegible] chen Fen (Ch'êng Kuo-ch'ên). Vop. pit. 21 [illegible] Mr-Ap '62.

Increased riboflavin production by yeasts [with summary in English]. E. M. Dikanskaia. Mikrobiologiia [illegible] 35-42 Ja-F '62.

RIBONUCLEASE

Possible role of ribonucleic acid in the [illegible] antituberculosis resistance. Report No. 2. [illegible] acid and ribonuclease activity in the organs [illegible] fested with tuberculosis and immunized with [illegible] cine [with summary in English]. [illegible] Biul. eksp. biol. i med. 52 no. 11:108-111 [illegible]

Studying the effect of ribonuclease and deoxyribonuclease on the multiplication of the poliomyelitis [illegible] culture. R. I. Salganik, V. P. Tomilina, [illegible] Izv. Sib. otd. AN SSSR no. 12:78-81 '61.

RICE
(see also subdivision under Chu Valley)

Importance of reduction processes of soils in [illegible] tion [with summary in English]. [illegible] vedenie no. 2:51-57 F '62.

RICKETS

Renal osteodystrophy. A. M. Katina, I. L. [illegible] rent. i rad. 37 no. 1:67-68 Ja-F '62.

Rickets in premature infants during the first [illegible] life [with summary in English]. A. I. [illegible] okh., mat. i det. 7y no. 1:38-42 Ja '62.

RICKETTSIA

Biological properties of attenuated variant [illegible] subjected to ionizing irradiations. [illegible] virus. 7 no. 1:113-119 Ja-F '62.

Serological study of various strains of Rh [illegible] [with summary in English]. K. I. Gogiberidze. [illegible] mikrobiol., epid. i immun. 33 no. 1:107-111 [illegible]

Study of the reactogenic and immunogenic [illegible] of a soluble antigen of R. burneti obtained [illegible] sonics [with summary in English]. N. N. [illegible] virus. 7 no. 1:104-109 Ja-F '62.

RIF REVOLT, 1909

Punitive expedition of the troops of the Spanish in Morocco in 1909. G. I. Volchenkov. Ist. SSSR no. 1:91-99 '62.

RIGA—COMMUNIST PARTY OF THE SOVIET [illegible] PARTY WORK

Wrong methods. F. Khirnyi. Part. zhizn' [illegible] Ap '62.

RIGA—ELECTRIC EQUIPMENT INDUSTRY

Up the hill. E. Kalveras. Sov. profsoiuzy 18 [illegible] Mr '62.

RIGA—HERRING, CANNED

Canned herring delicatessen. V. Z. Lukov. [illegible] 38 no. 3:51-52 '62.

RIGA—KARTS (MIDGET CARS)

Made by pupils. G. Libert. Za rul. 20 no. 3:[illegible] '62.

RIGA—MACHINERY INDUSTRY

One for all. A. Sokolov. Mest. prom. i khud. [illegible] no. 3:19 Mr '62.

RIGA—RACING

Relay race along the Komsomol Embankment. IU Samusevich. Za rul' 20 no.3 15 Mr '62.

RIGA—RAILROADS—CARS

Skromanis, D. [RVR - a citadel of revolutionaries, History of the Riga Railroad Car Plant] RVR - revolucionaru cietoksnis, Rigas vagonu rupnicas vesture. Riga, Latvijas Valsts Izdevnieciba, 1961. 186 p. [In Latvian]

RIGHT OF PROPERTY

"The right of collective farm property" by N.D Kazantsev and others Reviewed by IU G Basin, B.V.Pokrovskii, K A Shaibekov, Sov. gos i pravo 32 no 3 143-145 Mr '62

"The right of property in the U.S.S.R." by D.M.Genkin Reviewed by B.B Cherepakhin, IU.K Tolstoi Sov gos i pravo 32 no 3 140-142 Mr '62

RIMSKII-KORSAKOV, NIKOLAI ANDREEVICH, 1844-1908

Danilevich, L.V [Last operas of N.A.Rimskii-Korsakov] Poslednie opery N.A.Rimskogo-Korsakova. Moskva, Gos. muzykal'noe izd-vo, 1961. 278 p.

RIPPLE MARKS

Periodic bottom structures of the wave flux B.A.Shuliak Okeanologiia 1 no 5:871-885 '61

RISERS (FOUNDING)

Comparing various methods of calculating risers. V.A. Fateev, N.K.Ipatov Lit proizv. no.3 32-35 Mr '62

Design of exothermic risers on steel castings. A.D. Popov. Lit proizv. no 3 40 Mr '62.

Nonuniformity in the performance of gating system feeder heads during the shaped casting of aluminum alloys. Zh.V Tokarev, G.M.Dubitskii. Izv.vys.ucheb.zav., tsvet.met 5 no 2 136-140 '62

RIVERS

Determination of the loss of water from river beds by balance hydrometry. B.S.TSeitlin. Gidr.stroi. 32 no.1:14-16 Ja '62

RIVERS—REGULATION see subdivision under China

ROAD CONSTRUCTION

(see also subdivision under Moscow region, Perm Province; Talovaya region)

Are intermediate storage spaces in quarries needed? I.IA.Kolker Avt dor 25 no.3:17 Mr '62.

Complicated highway crossing on different levels. A.IA. Zhmaylev. Avt dor. 25 no.3:12-13 Mr '62.

Cybernetics should be used in road construction. I.V. Zashchuk. Avt.dor 25 no.3:5-6 Mr '62.

Finishing operations should be carried out in time. D. Kalinin Avt dor. 25 no.3:11-12 Mr '62.

From technical periodicals. A. Ganiushin. Avt. dor. 25 no 3:30 Mr '62.

Oreshkin, B.M. [Organization of earthwork in road construction] Organizatsiia proizvodstva zemlianykh rabot pri stroitel'stve avtomobil'nykh dorog. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 242 p.

Supplementing regulations for assigning automotive transportation and highway construction enterprises and organizations to the managerial, engineering and technical wage groups Biul Gos.kom.po vop.truda i zar. platy no.2 8 '62.

ROAD MACHINERY

Mechanization of construction work on the Moscow Circumferential Highway. S.V.Evstafeev, E.I.Zavadskii. Mekh.stroi. 19 no.3:1-9 Mr '62.

Mechanizing the sorting and washing of gravel materials. A. N. Mikhailov. Avt.dor. 25 no. 3:9 Mr '62.

Meinert, V.A., I.G. Chekrygin, and A.T. Shmakov. [Road-building machinery; a manual for tractor operators] Dorozhno-stroitel'nye mashiny; posobie traktoristu. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1960. 174 p.

Mounted planer of slopes. K. Vakhotov. Avt. dor. 25 no. 3,10-11 Mr '62.

ROAD MACHINERY—ABSTRACTS

[Manufacture of construction equipment and road machinery. Mining Machinery] Ref. zhur. Otd. vyp. 43: Stroi.i dor. mashinostr. Gor. mash. nos. 1-2, 4-6 Ja-Mr '62.

ROAD ROLLERS

Vibratory roller with a mechanical drive. L.N.Levin, N.A.Chechulin. Mekh.stroi. 19 no.3:27 Mr '62.

ROADS see subdivision under Zaokskoye District

ROADS—DESIGN

(see also subdivision under Ukraine)

Plotting perspective projections for determining the visibility on roads. V.N.Sinebriukhov. Avt. dor. 25 no 3: 25-26 Mr '62.

ROADS, CONCRETE

Study and practice of using concrete roads for heavy-duty dump trucks in open pits. M.V.Vasil'ev. Trudy Gor.-geol inst. UFAN SSSR no. 57:137-143 '61.

ROADS, CONCRETE—TESTING

Strength of road concrete. V.S. Gladkov. Avt dor. 25 no. 3:20-22 Mr '62.

ROBBER FLIES

Robber flies of the subfamily Leptogastrinae (Diptera, Asilidae) in the fauna of the U.S.S.R [with summary in English] P.A.Ler Ent.obozr 40 no 3 686-703 '61

ROBOROVSKII, VSEVOLOD IVANOVICH, 1856-1910

Letter from the Russian Geographical Society to the rulers of Lukchun. M.A.Salakhetdinova Strany i nar. Vost. no.2 169-171 '61.

ROCK DRILLS

Design, construction, and use of air legs K.V Pavlov, V.A. Latyshev Izv. AN Kir SSR. Ser. est i tekh nauk 3 no 3 103-114 '61

Manual PR-30Ks rock drill Shakht stroi 6 no 3 3 of cover Mr '62.

New drill bit with expander. P.A Makhin, V.K.Karchevskii. Izv.vys.ucheb.zav., tsvet.met. 5 no.2 17-21 '62.

ROCK PRESSURE—CONGRESSES

Conference on problems of rock pressure and the reinforcement of vertical workings E.A. Mel'nikov. Shakht stroi. 6 no. 3 30 Mr '62.

ROCKETRY

On the threshold of new discoveries. K. Pavlov Av.i kosm. 44 no 3:2-5 '62.

ROCKETRY—ABSTRACTS

[Rocket engineering and space flight equipment] Ref. zhur. Otd. vyp. 41: Raket. tekh. i app. kosm. pol. nos. 1-6 Ja-Mr '62.

ROCKETS (AERONAUTICS)

[Problems of rocket engineering, translations and surveys of foreign periodical literature] Vop. raket. tekh., sbor. perev. i obz. inostr. period. lit. 12 no 3 '62.

The race of rocket and atomic armaments in the most important capitalist countries. N. Isnev Mir ekon. i mezhdunar. otn. no. 4:125-132 Ap '62.

ROCKETS (AERONAUTICS)—FUEL

Fuel consumption of rockets and space vehicles. V Pyshnov. Av i kosm. 44 no. 3:10-14 '62.

ROCKETS (ORDNANCE)

Control of the flight range of a rocket (as revealed by foreign press data). V. Baraniuk. Voen vest 41 no. 2,115-117 F '62.

Pokrovskii, M.K., and IU.F.Kol'tsov. [Recoilless weapons] Bezotkatnye orudiia. Moskva, Voen. izd-vo M-va oborony SSSR, 1962. 66 p. (Za voenno-tekhnicheskie znaniia)

ROCKS—ANALYSIS

(see also subdivision under Kara-Tau)

Estimate of the results of investigating rocks by the fluorescence bituminological method R.D. Rzaeva Dokl. AN Azerb SSR 17 no. 9:803-807 '61.

Titanium determination in magnetite sandstones. I.L. Bagbanly, Kh. L. K. Zeinalova. Dokl. AN Azerb. SSR 17 no. 9:793-796 '61

ROCKS—PERMEABILITY

Map predicting the water potential based on the principle of permeability. L.IA. Tenenbaum. Razved i okh. nedr 27 no.10:43-48 O '61

ROCKS—TESTING

Baron, L.I., B.M. Loguntsov, and E.Z. Pozin. [Determining properties of rocks; reference book] Opredelenie svoistv gornykh porod; spravochnoe posobie. Pod red. L.I.Barona. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1962. 331 p.

Elastic constants of rocks and methods for their determination. A.N. Khanukaev, L.K. Savrasov Izv. AN Kir SSR Ser. est. i tekh. nauk 3 no 3.95-102 '61

Physicomechanical properties of rocks and angles of incline of the sides of some Kazakhstan pits. M.L. Rudakov, A.P. Li. Trudy Gor.-geol. inst. UFAN SSSR no. 57:33-45 '61.

State of and problems in future studies of the stability of pit sides. M.L. Rudakov. Trudy Gor.-geol. inst. UFAN SSSR no. 57:127-136 '61.

ROCKS—THERMAL PROPERTIES see subdivision under Sadon region

ROCKS, CRYSTALLINE AND METAMORPHIC see subdivision under Verkhniye Kayrakty Valley

ROCKS, IGNEOUS

(see also subdivision under Erivan region, Khanka Lake region; Kirghiz Range; Kola Peninsula; Korosten' region; Kuznetsk Ala-Tau; Sikhote-Alin' Range; Talas Ala-Tau; Tien Shan, Tuva A.S.S.R.; Ural Mountains)

Form of the functions of the distribution of minerals in igneous rocks. D.A.Rodionov. Trudy Inst. min., geokhim. i kristallokhim. red. elem. no.6 9-16 '61.

Methodology of studying accessory minerals in igneous rocks. V.V.Liakhovich, D.A.Rodionov. Trudy Inst. min., geokhim. i kristallokhim. red elem. no.6:17-55 '61.

Processes of normal hybridism V.G Lazarenkov Zap Vses. min ob-va. 91 no 1:56-66 '62

ROCKS, SEDIMENTARY see subdivision under Caucasus, Kursk Magnetic Anomaly; Moscow Province; Volga Valley

RODENTIA see subdivision under Ob' Valley

RODENTIA—DISEASES see subdivision under Kuban Valley

RODENTS AS CARRIERS OF DISEASE

Epizootiological role of the increase in the number of small mouselike rodents during spring in the natural nidi of tularemia [with summary in English]. N.V Shchepot'ev Zool.zhur 41 no 3 437-442 Mr '62.

RODRIGUES, CARLOS RAFAEL, 1914-

People and events. Nov.vrem. 26 no 13 12,22,25 Mr '62.

ROERICH, GEORGE NICHOLAS, 1902-1960

In memory of IUrii Nikolaevich Reirikh Strany i nar. Vost. no.2 3-5 '61

ROKHLIN, MARK ISIDOROVICH, 1911-1959

Mark Isidorovich Rokhlin Inform biul NIIGA no 16 69-70 '59

ROLLING (METALWORK)

(see also subdivision under Novokuznetsk)

Changes in the temperature of a strip of beryllium bronze during hot flat rolling S.I Berman. Sbor nauch trud GINTSVETMET no 33 318-323 '60

Device to study the nonuniformity of metal flow during rolling IU P Glebov, P G Kirillov Sbor nauch trud GINTSVETMET no 33 349-354 '60

Method of reducing thickness variations in cold-rolled strip. V Kh Faizullin, V V Kashintsev Stal' 22 no 3 249-252 Mr '62

Production of two-layer sheet steel P. N. Mazurik Metallurg 7 no 4:27-29 Ap '62

Rolling of economical SVP17 shapes for use as mine supports B M. Shum Stal' 22 no 3 243-246 Mr '62

Slippage of strips in the rolls. I S Pobedin, I F Prikhod'ko, V A. Revumov Stal' 22 no. 3 246-248 Mr '62

ROLLING MILLS

(see also subdivision under Nizhniy Tagil, Novokuznetsk)

Changing the grooving of the first stand on the 360 mill. N. I. Peskov, V A. Osokin, A. M. Korchemnyi Metallurg 7 no 4,29-31 Ap '62

Determining the capacity of a rolling mill drive and metal pressure when rolling on smooth rolls I.L Perlin. Izv.vys.ucheb.zav., tsvet.met. 5 no.2 124-128 '62.

Production potentials of small-section and wire mills in plants of the R.S.F.S.R. P I. Berezhkov Biul tekh.-ekon. inform. no. 2,3-5 '62.

ROLLING MILLS—EQUIPMENT AND SUPPLIES

New types of pull-over gear on rolling mills G. N. Krauze, V I Dunaev Stal' 22 no 3 252-254 Mr '62.

Redesigning the feed mechanism of pendulum saws L. N. Gorodetskii, A. L Staroselskii Stal' 22 no 3 255 Mr '62

Replacing bronze by bimetal inserts in rolling mill spindles V S Popov and others Stal' 22 no 3 255-256 Mr '62.

ROLLING MILLS—LIGHTING

Improving natural lighting in rolling mills. V. M. Predtechenskii, B. T. Elagin Prom. stroi. 40 no 3:19-23 '62

ROLLS (IRON MILLS)

Application of automatic hard facing of rolls on the 750 mill L T Shapel', S G Terent'ev, P I Antonov Stal' 22 no 3 256-257 Mr '62

ROMASHKINO REGION—OIL RESERVOIR ENGINEERING

Kostriukov, G.V., and A.D Golikov. [Temperature conditions of the Romashkino oil field] Temperaturnyi rezhim Romashkinskogo mestorozhdeniia. Moskva, Gostoptekhizdat, 1962. 96 p.

ROMASHKINO REGION—PETROLEUM GEOLOGY

Prospecting and conservation of oil pools of the Zay-Karataevskaya area. A.R.Kinzikeev, M.G Malutin. Razved.i okh nedr 28 no 1:25-29 Ja '62.

ROME—HISTORY

Caesar, C. Julius. [Commentaries of Julius Caesar with continuations by others on his wars in Gaul, the Civil War, the Alexandrian, and African wars. Translated from the Latin] Zapiski IUliia TSezaria i ego prodolzhatelei o Gall'skoi voine, o Grazhdanskoi voine, ob Aleksandriiskoi voine, ob Afrikanskoi voine. Perevod i kommentarii M.M. Pokrovskogo. Izd. 2. Moskva, Izd-vo Akad. nauk SSSR, 1962 418 p (Akademiia nauk SSSR. Literaturnye pamiatniki)

"Studies on the history of the Roman Empire in the first century A.D.; the civil war in 69 A.D." by V.A. Gol'denberg. Reviewed by M.M. Slonimskii. Vest. drev. ist. no. 1:137-140 '62.

ROME—SOCIAL CONFLICT

The role of slaves and freedmen in the social struggle in the late period of the Roman Republic E M Shtaerman *Vest drev ist* no 1 24-45 '62.

ROOFING

Kozlovskii, A S [Roofing operations] Proizvodstvo krovel'nykh rabot Moskva, Vses uchebno-pedagog izd-vo Profizdat, 1962. 265 p.

ROOFING, ASBESTOS CEMENT

Akademiia stroitel'stva i arkhitektury SSSR Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. [Laying asbestos cement and tile roofing] Ustroistvo asbestotsementnykh i cherepichnykh krovel', Izd. 2., ispr i perer. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 186 p.

trength and frost-resistance of asbestos-cement in relation to weight by volume, I I Bernet *Stroi mat* 8 no 2 6-9 F '62

ROOFING, TILE

Akademiia stroitel'stva i arkhitektury SSSR, Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. [Laying asbestos cement and tile roofing] Ustroistvo asbestotsementnykh i cherepichnykh krovel', Izd 2 , ispr. i perer. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 186 p.

ROOFS

Monitor tops over pipe-drawing shops A. P. Molchanov, A. I Titakov *Prom stroi* 40 no. 3 16-19 '62

Putting a flat roof on an industrial building L. N. Lavretskii *Prom stroi* 40 no 3 12-15 '62

Translucent reinforced concrete and glass roofs A Kolmovskoi *Stroi i arkhit Mosk* 10 no 12 31-32 D '61

Waterproofing materials for built-up roofs M. Tupolev, E I evitan, I. Shtein *Stroi i arkhit Mosk* 10 no 12 20-23 D '61

ROOFS, SHELL

Three-dimensional structures with *large spans inside* of light metals M. G. Brill' and others *Rasch prostr konstr* no 6 5-38 '61

ROOT ROT

Selection of sugar beet biotypes immune to root rot by the method of artificial induction of infection during the vegetative season I V Popova *Trudy Vseros nauch.-issl inst sakh svekly i sakh* 1 no 2 55-67 '61

ROOTS (BOTANY)

Changes in the anatomic structure of corn roots depending on the place of their formation on the plant [with summary in English] M M Ovchynnykov, V H Nikolaievs'kyi *Ukr bot. zhur* 18 no 6 16-23 '61

Developmental features of the root systems of woody plants in dry farming areas of Uzbekistan L S Polonskaia *Les khoz* 15 no 3 40-44 Mr '62

Effect of cooling on the sowing quality of seeds and growth of root systems of vine crops L. P Tropina. *Trudy TSSBS* no 5 31-36 '61.

Effect of various methods of watering on the growth of physiologically active roots I. N. Rakhteenko, L. A Krot. *Biul Inst biol AN BSSR* no 6 56-58 '61

Root system of woody plants. V.N Kovaleva. *Bot. zhur* 47 no 3 421-426 Mr '62

ROOTS (BOTANY)—MORPHOLOGY

Morphological and anatomical structure of the rhizome and roots of Scopolia carniolica Jacq P.D Mel'nichuk *Trudy Len khim.-farm inst* 12 55-58 '61.

Morphological and anatomical study of *large-rhizome* ferns of the Northern Caucasus D A Murav'eva *Trudy Len khim.-farm inst* 12 59-69 '61.

ROOTS OF EQUATIONS see Equations, Roots of

ROPE—TESTING

Experimental determination of stresses in ropes I V. Davydov, V. P Savvov. *Gidrotekhnika* no 1 96-98 '61.

ROSTOV-ON-DON—COMMUNITY LIFE

Companions of the parks. A. Tereshchenko *Kul't.-pros rab* 23 no 3 22-23 Mr '62

ROSTOV PROVINCE—AGRICULTURE

In close contact with life M. Fomenko *Agitator* no 8 7-14 Ap '62

ROSTOV PROVINCE—AGRICULTURE—EXPERIMENTATION

Let's give more attention to the experimental work of students. V. G. Romanova, N. I. Klinkovskaia. *Shkola i proizv.* 6 no. 1 72-75 Ja '62.

ROSTOV PROVINCE—ECONOMIC GEOGRAPHY

[Rostov Province; nature, population, economy and *culture*] *Rostovskaia oblast'*; priroda, naselenie, khoziaistvo, kul'tura. [Rostov-na-Donu] Rostovskoe knizhnoe izd-vo, 1961. 333 p.

ROSTOV PROVINCE—FRESHWATER BIOLOGY

Vegetation and *the associated* animal world in the waters of Rostov Province and their role and food value in fish culture and poultry husbandry. V. G. Mushenko. *Sbor. nauch.-issl. rab Azovo-Cher. sel'khoz. inst.* 18 111-124 '60

ROSTOV PROVINCE—GRAIN

Centner of grain in 35 minutes M Ageev, G Kanukov *Sov profsoiuzy* 18 no 6 8 Mr '62

Nikitin, M N [High yields, inexpensive bread; from the practice of the "TSelinskii" demonstration state farm] Bogatye urozhai, deshevyi khleb, iz opyta opytno-pokazatel'nogo otdela Lenina sovkhoza "TSelinskii" [Rostov-na-Donu] Rostovskoe knizhnoe izd-vo, 1962. 16 p. (V opytno-pokazatel'nykh khoziaistvakh Dona)

(DA)

ROSTOV PROVINCE—GRAIN—COSTS

Some problems in analyzing grain costs on the state farms of Rostov Province M P. Grigor'ev *Sbor nauch.-issl. rab. Azovo Cher. sel'khoz inst* 18 161-170 '60

ROSTOV PROVINCE—PRODUCE TRADE

Increasing the procurement of meat and milk N. Nikonova *Sov potreb koop* 6 no 3 30 Mr '62

ROSTOV PROVINCE—RADIO IN AGRICULTURE

For rural toilers. A. Koloskov *Part zhizn'* no 8 71-76 Ap '62

ROSTOV PROVINCE—SUNFLOWERS

Space arrangement for sunflower in the zone of insufficient moisture D. N. Belevtsev *Zemledelie* 24 no 3 60-70 Mr '62

ROSTOV PROVINCE—VOCATIONAL EDUCATION

Successes and shortcomings of production training of students in Rostov Province F. Tutiunnikov. *Shkola i proizv* 6 no. 1 87-88 Ja '62

ROTARY HEARTH FURNACES

Device for the rotation of melting furnaces V. A. Shishkin. *Lit. proizv.* no 3 44 Mr '62.

Production of 75-percent ferrosilicon in rotary hearth furnaces V. N Gusarov, B V Voskresenskii, M A Ryss *Stal'* 22 no 3 240-242 Mr '62

ROTARY KILNS see Kilns, Rotary

ROTATING AMPLIFIERS

Composite method for regulating a generator-motor system with a transverse-field amplidyne O V *Popov*. *Izv AN SSSR Otd. tekh nauk Energ. i avtom* no 1 89-100 Ja-F '62.

Large amplidynes. F. A. Gorfainov *Vest elektroprom* 33 no 3 18-24 Mr '62

Transfer functions of a transverse-field amplidyne V V Rudakov *Izv AN SSSR. Otd tekh nauk, Energ i avtom* no 1 79-86 Ja-F '62

ROTATING BODIES

Linear integrals of the equations of motion of a heavy solid rotating about a fixed point P. V. Khalamov *Dokl AN SSSR* 143 no 4 805-807 *Ap '62*

ROTATING DISKS see Disks, Rotating

ROTATION OF CROPS

(see also subdivision under Altai Territory)

Better rotation of crops is the most important condition *for the* improvement of Soviet agriculture M Spivak *Komm Ukr* 37 no 3 23-30 Mr '62

Crop *rotation which* includes row crops is the basis for high spring wheat yields. K. T. Beliaev, M. M. Beliaeva. *Zemledelie* 24 no. 2 16-22 F '62.

Crop rotations including row crops are a key to abundance G A. Nalivaiko. *Zemledelie* 24 no. 2 7-10 F '62.

"Field fertilization and crop rotation" by D. N. Prianishnikov. Reviewed by E Vorotnitskii *V mire knig* 2 no. 3 19 Mr '62

Getting rid of the consequences of grassland farming *more rapidly* *Ekon. sel'khoz* 33 no. 1 11-16 Ja '62.

Inexplicable quiet, from the pages of the agricultural college press *Vest vys shkoly* 20 no 2 76-78 F '62

Nalivaiko, G. A. [Row crop rotations] *O propashnoi sisteme zemledeliia* Moskva, Izd-vo M-va sel'. khoz. RSFSR, 1962. 111 p.

(DA)

Place for sugar beets in a crop rotation *I. T Kovalev Trudy Vseros. nauch.-issl. inst. sakh svekly i sakh* 1 no 2 L3-7 '61

Results of field station experiments in *studying fertilizer* management systems for crop rotations. E. N Alekseeva. *Trudy Vseros nauch.-issl. inst. sakh. svekly i sakh.* 1 no. 1 15-95 '60

Row crop system is the key to fertility *Nach. shkola* 30 no. 4 11-15 Ap '62.

Soil conditions in fields in which crop rotation is used. *IA. Kh. Khafizullin. Sbor. nauch.-issl rab. Azovo-Cher. sel'khoz inst.* 18 3-26 '60.

Vlasiuk, P. A., *and* P. Z. Lisovet. [Effectiveness of the use of organic-mineral fertilizers in grain and sugar-beet crop rotation] *Effektivnost' organo-mineral'nol sistemy udobrenila v zernovo-sveklovichnom sevooborote.* Kiev, Izd-vo Ukr. Akad. sel'khoz. nauk, 1961. 152 p

(DA)

ROTTERDAM—HARBOR

Rotterdam harbor. A. Sukolenov. *Rech. transp.* 21 no. 2 62-63 F '62.

ROUNDWORM

Chlorination of eggs of the roundworm (A [illegible] coloides) with the consideration on the [illegible] Kogan *Ukr. zap. GIPT* no 27, 170-176 '61

ROWING

Rowing in the U. S. S. R and measures for [illegible] development *Teor i prak fiz kult* [illegible] Ja '62

ROZDOL REGION—GLACIAL EPOCH

Interglacial sediments in the vicinity of [illegible] Drogobych area N. IA Kats, S. V Kats [illegible] chetv per no 26 61-73 '61

ROZDOL REGION—PALEONTOLOGY, STRATIGRAPHY

Interglacial sediments in the vicinity of [illegible] Drogobych area N. IA Kats, S. V Kats [illegible] chetv per no. 26 61-73 '61

ROZOV, VENIAMIN IVANOVICH, 1887-1960

Veniamin Ivanovich Rozov. *Vest. khir.*, no. 8 [illegible] '61.

RUANDA-URUNDI—POLITICS AND GOVERNMENT

The triple gamble [with English summary] [illegible] S Wolle *Az i Afr. segl.* no. 3, 31-37 [illegible] '62

RUBBER

Effect of various types of elastomer [illegible] on their adhesion to fiber-forming polymers [illegible] Effect of sulfur vulcanization on the [illegible] to fiber-forming polymers [with summary in English] V. G Raevskii and others. *Vysokom soed* [illegible] 1826-1832 D '61

RUBBER, SYNTHETIC

Hurdles on the path of enthusiasts [illegible] *Smena* 39 no. 6 7 Mr '62

Smirnov, N. I. [Theoretical principles of [illegible] processes of basic organic synthesis and the [illegible] rubbers] *Teoreticheskie osnovy protsessov osnovnogo organicheskogo sinteza i sinteticheskikh kauchukov*; uchebnoe posobie. Leningrad, Severo-Zapadnyi zaochnyi politekhn. in-t.

Vol. 2, 1961. 94 p.

Vulcanization of acrylic rubber [with summary in English] D Sh. Korotkina, R. P. Rishkina *Vysokom soed* 3 no 12 1833-1838 D '61

RUBBER, SYNTHETIC—TOXICOLOGY

Industrial hygiene problems in the manufacture of [illegible] thetic divinyl-nitrile rubbers [with summary in English]. G P Babanov. *Gig. truda i prof. zabol.* 4 7-12 D '60

RUBBER GOODS INDUSTRY

Alekseenko, V. I., and others. [Design and [illegible] new and reorganized factories for artificial [illegible] type) leather] *Proektirovanie novykh i rekonstruiruemykh predpriiatii iskusstvennoi kozhi* [Spravochnik] Moskva, Izd-vo nauchno-tekhn. lit-ry 1951 [illegible] 102 p.

RUBBER INDUSTRY see subdivision under White [illegible]

RUBBER INDUSTRY—HYGIENIC ASPECTS

Industrial hygiene problems in the manufacture of [illegible] thetic divinyl-nitrile rubbers [with summary in English]. G P Babanov. *Gig. truda i prof. zabol.* 4 7-12 '60

RUBBER INDUSTRY—SAFETY MEASURES

Characteristics of injuries in a factory for [illegible] T. A. Dmitrieva. *Kaz. med. zhur.*, no. 5 [illegible]

RUBBER INDUSTRY WORKERS—DISEASES AND HYGIENE

Causes of dermatoses in subjects working with [illegible] and resins [with summary in English] K A. [illegible] *Vest. derm. i ven* no. 3 47-51 '62.

RUBBER TIRES see Tires, Rubber

RUBBERIZED FABRICS

Materials for rubberized rain clothing [illegible] *Kozh.-obuv. prom.* 4 no. 1 27-30 Ja '62.

RUBBERIZED FABRICS—PERMEABILITY

Dependence of gas permeability on the [illegible] elements in materials obtained by [illegible] mers with polymeric fibers. V. G. Raevskii, [illegible] Volutskii, Z. D. Shteinberg. *Izv. vys. ucheb. zav. Ser. khim. tekh.* 4 no 6 1022-1025 '61

RUBIDIUM see subdivision under Lovozero Tundra

RUBIDIUM COMPOUNDS

Properties of rubidium chlorobromoiodate and [illegible] tion of potassium with it B. D. Stepin, V. [illegible] *Zhur neorg. khim.* 7 no. 2 394-400 F '62

RUBIDIUM NITRATE

Solubility isotherm of the system $Pr(NO_3)_3$ - $RbNo_3$ - HNO_3 - H_2O F. M. Perekrestova, A. IA. Zvorykin, G. A. Domina. *Zhur. neorg. khi* [illegible] no. 3 641-644 Mr '62.

RUDNYY—CIVIC IMPROVEMENT
Four years later. Sov. deput. trud no 3 92 Mr '62

RUG AND CARPET INDUSTRY see subdivision under Vitebsk

RUGS AND CARPETS
(see also subdivision under Turkmenistan)
They make good carpets S Avirom, Z. Kil'chevskaia Mest. prom. i khud. promys. 3 no 3 28-30 Mr '62.

RUKHIN, LEV BORISOVICH, 1912-1959
Lev Borisovich Rukhin. Inform biul. NIIGA no 16 71-79 '59

RULED SURFACES see Surfaces, Ruled

RUMANIA—AGRICULTURAL GEOGRAPHY
Geography of the agricultural lands of the Rumanian People's Republic. G A. Pravotorova, A. N Samorukova Izv AN SSSR, Ser. geog. no 2 88-91 Mr-Ap '62

RUMANIA—ATHEISM
The triumph of atheistic ideas S. Maltseniuk Volov ateist no 11 57-59 N '61

RUMANIA—BLACK FLIES
New and little-known species of black flies of the group Eusimulium aureum Fries (Diptera, Simuliidae) from Rumania [with summary in English] E. Sherban. Ent obozr. 40 no. 3;677-685 '61

RUMANIA—COMMERCE—RUSSIA
Soviet-Rumanian trade relations. Vnesh. torg. 42 no 3 6 '62.

RUMANIA—ECONOMIC POLICY
Completion of the building of socialism in the Rumanian People's Republic. Vasile Rausser. Vop ekon. no 3 79-89 Mr '62.

RUMANIA—FLEAS
Fleas (Aphaniptera) of the Rumanian People's Republic. I. Z. Tuskaeva, M. Khamar Nauch. dokl. vys. shkoly, biol. nauki no 1;12-16 '62

RUMANIA—HISTORY
How the new studies of Rumanian historians interpret the formation of the Rumanian language and the Rumanian people. V. V. Karakulakov. Vest. drev. ist. no. 1;144-152 '62.

RUMANIA—MATHEMATICS—STUDY AND TEACHING
New mathematics programs in secondary schools of the Rumanian People's Republic. B. P. Bychkov Mat. v shkole no. 2;67-70 Mr-Ap '62

RUMANIA—ORTHODOX EASTERN CHURCH—PERIODICALS
Review of "Biserica Ortodoxa Romina," journal of the Rumanian Orthodox Church no 7-8, 1960. Zhur. Mosk. Patr. no 12;69-70 D '61.
Review of "Studii Teologice," journal of the theological institutes of the Rumanian Patriarchate no 9-10, 1960. Zhur. Mosk. Patr. no. 12;71-72 D '61.

RUMANIA—PUBLIC HEALTH—STATISTICS
Some methodical problems in conducting health statistics work in the Rumanian People's Republic. V. K. Ovcharov. Sov. zdrav. 21 no. 2,78-83 '62.

RUMANIA—WORLD WAR, 1939-1945
"Rumania during the Second World War, History of Rumanian foreign relations and internal policy from 1939 to 1945" by N. I. Lebedev Reviewed by IU. K. Tomshin, A. A. IAzykova. Vop ist. no 4;147-149 Ap '62

RUMANIAN LANGUAGE—HISTORY
How the new studies of Rumanian historians interpret the formation of the Rumanian language and the Rumanian people. V. V. Karakulakov. Vest. drev. ist. no. 1 144-152 '02.

RUNES
Inversion in runes V IA. Evseev. Trudy Kar fil AN SSSR no. 8 40-56 '57.

RUNOFF
(see also subdivision under Amur Valley; Azerbaijan; Caucasus; Karabakh Range; Katun' Valley; Saratov Province; Soviet Central Asia, Tien Shan; Transcaucasia)
Some errors made in estimating the hydrological role of forests. R A. Safiullin. Izv. Kazan. fil. AN SSSR. Ser. energ. i vod. khoz. no. 2;45-56 '61.
Use of aerial photographs of the snow cover in the upper reaches of the mountain river Angren for hydrological purposes. V. P. Chernogorov. Trudy Sred.-Az. nauch.-issl. gidrometeor. inst. no. 7,3-31 '61.

RURAL LIBRARIES see subdivision under Demidovo; Kalinovka District; Kharkov Province, Pererosl'

RURAL MEDICINE see Medicine, Rural

RURAL SCHOOLS
(see also subdivision under Krasnodar Territory)
Every collective farm and every state farm should have a preschool institution. L. I. Konovalov Doshk. vosp 35 no. 3,38-39 Mr '62.
School for rural youth. V. M. Khachatrian. Dokl. APN S no. 4;53-56 '61.

RURAL WATER SUPPLY see Water supply, Rural

RUSSIA—ADMINISTRATIVE AND POLITICAL DIVISIONS
Changes in administrative and territorial divisions which took place in 1961 Sov. deput. trud no 3 101-102 Mr '62
Pavlovskii, R. S., and M. A. Shafin. [Administrative and territorial divisions in the U. S. S. R.] Administrativno-territorial'noe ustroistvo SSSR. Moskva, Gos. izd-vo *pravd. lit-ry*, 1961. 125 p.

RUSSIA—AIR FORCE
At tactical flying lessons. D. Goldyrev Vest. Vozd. Fl *no 12;28-29 D '61*
Based on party aspects S. Luganskii Av. i kosm. 44 *no 2,33-39 '62.*
Based on party aspects Part 2 S. Luganskii Av. i kosm. 44 no 3 25-31 '62
Combat readiness of the flier. Vest. Vozd. Fl no. 12 1-6 D '61
Communists are in front A. Rytov Av. i kosm. 44 no 2 7-12 '62
Decisive condition for high combat readiness N. A. Kozlov Vest. protivovozd. obor no 12 29-32 D '61
For the skillful and effective guidance of socialist competition. E. Kukel' Komm. Vooruzh. Sil 2 no 2 33-37 Ja '62
Good shoots G. Smirnov Komm. Vooruzh. Sil. 2 no 6 67-70 Mr '62.
A guarantee for the successful interception of aerial targets P. G. Rinbov Vest. protivovozd. obor no 12 33-35 D '61
In the classroom and in flight D. Zemlianskii, V. Sokolov, G. Fomintsev Vest. Vozd. Fl no 12;44-46 D '61
"My business is to report," Vest. Vozd. Fl. no. 12;29 D '61
"Powerful wings" M. Rebrov Vest. Vozd. Fl. no 12; 88-90 D '61
A squadron commander is a delegate to the party congress Vest. Vozd. Fl no 12;6 D '61
The staff and flights in shifts V. Kartashkin Vest. Vozd. Fl no 12;41-43 D '61
We congratulate them on receiving a high decoration Vest. Vozd. Fl no 12,46-47 D '61
We guard the peaceful work of the builders of communism *Av. i kosm. 41 no 2;2-6 '62.*
"Winged squadron" by V. Puntus. Reviewed by V. Lokshin. Av. i kosm. 44 no 2,83-84 '62

RUSSIA—AIR FORCE—OFFICERS
Young officer K. Vershinin Vest. Vozd. Fl no 12,8-14 D '61

RUSSIA—ARMED FORCES
Alertly watch over the building of communism Vest. protivovozd. obor no 12 3-6 D '61
Growing might of the Soviet Armed Forces V. Glazov, I. Zheltikov Komm. Vooruzh. Sil 2 no 6 26-35 Mr '62
How the program of the CPSU promotes the Leninist principles of the development of the Soviet Armed Forces I. Prusenov Komm. Vooruzh. sil 2 no 7;13-22 Ap '62
It's a patriotic duty of each soldier and seaman to excell in his military specialty and political studies Komm. Vooruzh. sil 2 no 7;75-79 Ap '62.
Mighty factor for the security of peoples. Voen. vest. 41 no. 2;3-7 F '62.
Program of the CPSU and the problems of strengthening the Armed Forces of the U. S. S. R. R. Malinovskii. *Kommunist 38 no 7 11-22 My '62*
They will not take us by surprise K. Ivanov. Starsh.-serzh no 12,4-5 D '61.
We guard the creative work of the builders of communism; materials for lectures and talks Komm. Vooruzh. Sil 2 no 2,36-45 Ja '62.
With a great inspiration. Starsh.-serzh. no 12;2-3 D '61.
With the eyes of artists. G. Kucherenko. Sov. voin 14 no. 7;41 Ap '62.

RUSSIA—ARMED FORCES—EDUCATION, NONMILITARY
The book is also a weapon. B. Reznikov Sov. knizh. torg 14 no. 3;6-9 Mr '62.

RUSSIA—ARMED FORCES—OFFICERS
The commander is the sole leader. V. Davidkov. Vest. Vozd. Fl no. 12;15-20 D '61.

RUSSIA—ARMED FORCES—POLITICAL ACTIVITY
Brief news of party and political work. Komm. Vooruzh. Sil 2 no. 2;94-96 Ja '62.
Communism will become a reality. I. Golokolenko and others. Voen. vest. 41 no. 12;8-18 D '61.
Congress of the young builders of communism. Komm. Vooruzh Sil 2 no. 6 2-7 Mr '62.
For the effective propagation of the decisions of the Communist Party. Komm. Vooruzh. sil 2 no. 7 35-41 Ap '62.
Give unremitting attention to the admission of new party members A. Khotochkin Komm Vooruzh. sil 2 no 7 28-34 Ap '62.
The ideological tempering of officers must be at the level of new tasks. Voen vest. 41 no. 12 46-52 D '61.
An important and inspiring subject. N. Goncharov and others. Komm. Vooruzh. sil 2 no. 7 80-83 Ap '62
Let's encourage creative group participation F. Tsybulskii and others Komm Vooruzh Sil 2 no 6 40-45 Mr '62
Members of the Communist Youth League are active assistants of the army and navy party organizations P. Elinov Komm Vooruzh. Sil 2 no 6 8-16 Mr '62.
Secretaries of party organizations should follow the example of the best party workers I. Rumiantsev. Komm. Vooruzh Sil 2 no 2 27-32 Ja '62
There is a living man behind every letter M. Semenov Komm. Vooruzh Sil 2 no 6 36-39 Mr '62
Troop masses must study the historic decisions of the party congress IU. N. Artamoshin Vest. protivovozd. obor no 12 7-9 D '61
We should try to inculcate the spirit of ideological certitude in Soviet servicemen Komm Vooruzh Sil 2 no 2,2-9 Ja '62.
What can we learn from the results of report and election conferences A. Makridin Komm Vooruzh Sil 2 no 2 67-71 Ja '62

RUSSIA—ARMED FORCES—REGULATIONS
Russia (1923- U. S. S. R.) Ministerstvo oborony.
[Garrison duty regulations of the Armed Forces of the U. S. S. R.] Ustav vnutrennei sluzhby Vooruzhennykh sil Soiuza SSR. Moskva, Voen. izd-vo M-va obor. SSSR, 1962 231 p

RUSSIA—ARMY
Early history of the organization of the Soviet Army, October 1917-January 1918 S. M. Kliatskin Ist SSSR 6 no 2 90-106 Mr-Ap '62

RUSSIA—ARMY—ARTILLERY
Close association with servicemen I. Noskov Komm. Vooruzh sil 2 no 7 69-72 Ap '62
A close-knit family V. Orda Komm. Vooruzh sil 2 no 7 57-59 Ap '62
A leader of young artillerists E. Belomestnov Komm. Vooruzh sil 2 no 7 52-57 Ap '62

RUSSIA—ARMY—COMMISSARIAT
We have carried out the suggestions of Communists. N. Kismereshkin Komm. Vooruzh. Sil 2 no 2,61 Ja '62

RUSSIA—ARMY—EDUCATION, NONMILITARY
"Pedagogy; essays on the theory and practice of academic instruction and training of Soviet soldiers" by A. G. Baranov. Reviewed by V. Giga, IA. Ilichenko, I. Kulikov. Voen. vest. 41 no 2 120-123 F '62
Soldiers also have their beacon lights V. Mitroshenkov, Komsom. zhizn' no 4 26-27 F '62
"Your happiness, soldier, and ours, is in work!" G. Osinovskikh Sov. profsoiuzy 18 no 3 18-19 F '62

RUSSIA—ARMY—HISTORY
Samchuk, I. A. [The 13th Guards, combat history of the 13th Guards Poltava Order of Lenin Rifle Division 1941-1945, twice-decorated with the Order of the Red Banner and the Orders of Suvorov and Kutuzov] Trinadtsatala gvardeiskaia, boevoi put' Trinadtsatoi gvardeiskoi Poltavskoi ordena Lenina dvazhdy Krasnoznamennoi ordenov Suvorova i Kutuzova strelkovoi divizii, 1941-1945. Moskva, Voen. izd-vo M-va oborony SSSR, 1962. 293 p.
Savchenko, V. I. [The Latvian Guards] Gvardeiskaia Latyshskaia, Riga, Izd-vo Akad. nauk Latviiskoi SSR, 1961 166 p.

RUSSIA—ARMY—MILITARY LIFE
They became soldiers. V. Miasnikov. Sov. voin. 43 no. 23;17-18 D '61.

RUSSIA—ARMY—NONCOMMISSIONED OFFICERS
Provide excellent teaching for cadets in training units A. Zhil'tsov. Voen vest. 41 no 2 57-60 F '62
Sergeants must have experience in training the soldier M. Kiriukhin. Voen. vest. 41 no 2;75-77 F '62
We remember that we are sergeants G. Lachev Starsh.-serzh no 12 6 D '61
Working with sergeants. P. Lashchenko Voen vest 41 no 2;42-48 F '62

RUSSIA—ARMY—OFFICERS
Officer's school and the training of the will. I. Kirin Voen. vest 41 no 12 53-56 D '61.
Our work with commissioned officers should contribute to the solution of problems raised by the 22d Congress of the CPSU A. Beloborodov Komm Vooruzh. Sil 2 no. 2;19-26 Ja '62

RUSSIA—ARMY—PARACHUTE TROOPS
Close association with servicemen I. Noskov Komm Vooruzh sil 2 no 7 69-72 Ap '62

RUSSIA—ARMY—PAY, ALLOWANCES, ETC
Concern for troops serving extended enlistments. N. Verba. Starsh.-serzh no. 12;24 D '61.

RUSSIA—ARMY—PERSONNEL RECORDS
Life demands. N. Bich and others. Voen vest. 41 no. 12 60-62 D '61.

RUSSIA—ARMY—POLITICAL ACTIVITY
Discussion on the recent congress. Starsh.-serzh. no. 12;6 D '61.

RUSSIA – ARMY – POLITICAL ACTIVITY (Continued)

A leader of young artillerists F. Belomestnov Komm Vooruzh sil 2 no 7 52-57 Ap '62

Let us put the decisions of the 22d Congress into practice T. Nikulin Vrem vest 41 no 2,10-11 F '62

Source of strength and inspiration V Alekseevskii Vrem vest, 41 no 2 12-13 F '62

You should love the work which you were entrusted with V Tatarinov Komm Vooruzh Sil 2 no 2 72-74 Ja '62

RUSSIA—ARMY—SANITARY AFFAIRS

Setting up centers for special processing. N Oserkov Voen vest 41 no.12 99-101 D '61

RUSSIA—CENSUS

Svavitskii, N. A. [Methods of the zemstvo censuses of farmsteads] Zemskie podvornye perepisi, obzor metodologii Moskva, Gosstatizdat, 1961 354 p.

RUSSIA—COMMERCE

"Domestic trade in prerevolutionary Russia" by G A. Dikhtiar Reviewed by V. Tiukov, R Lokshin. Sov torg 35 no 3;54-58 Mr '62

For thrift and economy. IA. Sapel'nikov. Sov torg. 35 no 3 21-24 Mr '62

Let's plan wisely! N. Klepikov Sov. torg 35 no 3 30-32 Mr '62

Molchanov, IU. L. [Trade is the way to peace and friendship] Torgovlia - put' k miru i druzhbe. Leningrad, Ob-vo po rasprostraneniiu polit i nauch. znanii RSFSR, 1961 58 p.

Trade agreements of the U S S.R. with foreign countries Vnesh torg 42 no 3,40-41 '62

RUSSIA—COMMERCE—AUDIO-VISUAL AIDS

Gogol', B., comp. [Economics of Soviet trade, visual aids] Ekonomika sovetskoi torgovli; nagliadnye posobiia. Moskva, Gospolitizdat, 1961. 20 plates.

RUSSIA—COMMERCE—HUNGARY

Soviet-Hungarian trade relations Vnesh torg. 42 no.3 3 '62

RUSSIA—COMMERCE—RUMANIA

Soviet-Rumanian trade relations Vnesh torg 42 no 3 6 '62

RUSSIA—COMMERCE—SWEDEN

Soviet-Swedish trade relations. Vnesh torg. 42 no 3 6 '62.

RUSSIA—COMMERCE—YUGOSLAVIA

Soviet-Yugoslav trade relations Vnesh torg 42 no 3 7 '62.

RUSSIA—COMMUNIST PARTY see Communist Party of the Soviet Union

RUSSIA—CONSTITUTION

Russia (1917– R.S.F.S.R.)Constitution. [Constitution (fundamental law) of the Russian Soviet Federal Socialist Republic, with amendments adopted at the fifth session of the Fifth Supreme Soviet of the R. S. F. S. R.] Konstitutsiia (osnovnoi zakon) Rossiiskoi Sovetskoi Federativnoi Sotsialisticheskoi Respubliki. S izmeneniiami i dopolneniiami, prinlatymi na piatoi sessii Verkhovnogo Soveta RSFSR, piatogo sozyva. Moskva, Gosiurizdat, 1962. 31 p.

Russia (1923– U.S.S.R.) Constitution. [Constitution (fundamental law) of the Union of Soviet Socialist Republics, with amendments adopted at the seventh session of the Fifth Supreme Soviet of the U. S. S. R.] Konstitutsiia (osnovnoi zakon) Soiuza Sovetskikh Sotsialisticheskikh respublik. S izmeneniiami i dopolneniiami, prinlatymi na sed'moi sessii Verkhovnogo Soveta SSSR piatogo sozyva. Moskva, Gos. izd-vo iurid. lit-ry, 1962. 30 p.

Russia (1923– U.S.S.R.) Constitution. [Constitution (fundamental law) of the Union of Soviet Socialist Republics; with amendments adopted at the seventh session of the Fifth Supreme Soviet of the U. S. S. R.] Konstytutsiia (osnovnyi zakon) Soiuzu Radians'kykh Sotsialistychnykh Respublik; iz zminami i dopovnenniamy, pryiniatymy na s'omii sesii Verkhovnoi Rady SRSR p'iatoho sklykannia. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1962. 29 p.

RUSSIA—CULTURE

Al'terovich, O. [For the activist on culture] Aktivistu o kul'ture. Moskva, Izd-vo "Moskovskaia Pravda," 1961. 79 p.

RUSSIA—DEFENSES

Guarding the achievements of communism Nauka i zhyttia 11 no 2 11 F '62.

Notes of an observer. Uzbekistan 21 no.2,2-3 F '62.

RUSSIA—ECONOMIC CONDITIONS

"Development of commodity and monetary relations in the Russian agriculture of the 18th century" by B P. Makovskii. Reviewed by G A Novitskii, A. M. Sakharov. Ist SSSR 6 no. 2 178-187 Mr-Ap '62

Fundamental features of the material and technical basis of communism. I. Kasitskii. Kommunist 38 no.5 96-103 Mr '62.

Great program of the development of communism as a basis for educational work Fiz v shkole 22 no. 1;1-3 Ja-F '62.

His homeland forty-seven years later ... Nov. vrem. 20 no 14,31 Ap '62

"The history of the national economy of the U S.S R 1917-1959", edited by A. P. Pogrebinskii. Reviewed by B Orlov. Vop ekon. no.3 126-130 Mr '62

The impressive program of the building of communism Nar tvorch ta etn 5 no 4 3-8 O-D '61

Mezhvuzovskaia nauchnaia konferentsiia "Ekonomicheskie problemy perekhoda ot sotsializma k kommunizmu," Rostov-on-Don, 1959. [Intercollegiate Conference "Economic Problems of the Transition from Socialism to Communism"] Materialy. Moskva, Vysshaia shkola, 1960. 373 p.
(WU)

Polians'kyi, D. S. [A speech at the 22d Congress of the CPSU, October 23, 1961] Promova na XXII z'izdi KPRS, 23 zhovtnia 1961 roku. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1961. 18 p.

Poulain, J. C. [What they said and what I saw. Translated from the French] Chto govoriat i chto ia videl. [Moskva] Izd-vo VTsSPS Profizdat, 1960 41 p

Program of great victories. Razved. i okh. nedi 27 no 10 1-6 O '61

Russia (1923– U.S.S.R.) TSentral'noe statisticheskoe upravlenie. [Results of fulfilling the state plan for the development of the national economy of the U. S. S. R. in 1960] Ob itogakh vypolneniia gosudarstvennogo plana razvitiia narodnogo khoziaistva SSSR v 1960 godu, soobshchenie. Moskva, Gos. izd-vo polit. lit-ry, 1961. 19 p.

Score 9, 2 1, IU. Apenchenko Sov. Soiuz no. 3;53 '62

Some results of peaceful economic competition between the U. S. S. R. and the U. S. A. and prospects for its future development [with summary in English]. S. D. Zak Vest. LGU no. 5 34-49 '62.

Studying the economy of Russian small enterprises producing commodities in the 19th century. I. D. Koval'chenko Ist.SSSR 6 no.1 74-93 Ja-F '62.

RUSSIA—ECONOMIC POLICY

Basic laws of the transition from socialism to communism. I. Blinder, Komm. Uz. 34 no.2 78-85 F '62

Economic problems in the program of the CPSU. I. Vyshnevets'kyi. Ekon. Rad. Ukr. no.1 86-96 Ja-F '62.

Gvelesiani, G. G. [Principles of the socialist distribution of production] Ob osnovakh sotsialisticheskogo razmeshchenia proizvodstva. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1961 135 p.

Improving the system of state plan indices. B Goncharenko, I. Maevskii. Vop ekon. no 3;22-36 Mr '62.

Let us devote all our strength to the creation of a technical and economic foundation of communism. D. A. Ryzhkov. Mashinostroitel' no 3;4-5 Mr '62

Lukashevich, S. I., and I. B. Levin. [The main economic problem of the Soviet people and how to solve it] Glavnaia ekonomicheskaia zadacha sovetskogo naroda i puti ee reshenila. Minsk, 1962. 36 p. (Obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii Belorusskoi SSR, no. 1)

Main economic task of the party and the people V. Popov. Nauka i zhyttia 11 no 2 7-10 F '62

Material and technical foundation of communism. S. Man'kov. Nauch. dokl. vys shkoly, ekon. nauki 5 no. 1;3-11 '62.

More attention to the voluntary work and economic aspects. Zhukov Mashinostroitel' no. 3-7 Mr '62.

The most important economic objective of the party and the Soviet people. A. Kurskii Komm Vooruzh. Sil 2 no 2;46-54 Ja '62

The program of the CPSU is a new bright chapter in the development of the theory of scientifically based communism. S. A. Fedjukin. Vest. AN Kazakh. SSR 18 no 3;3-13 Mr '62.

Put into practice the resolutions of the 22d Congress of the CPSU. Kozh -obuv. prom 4 no. 1,1-3 Ja '62

The road for the next twenty years. Anatolii Efimov. Sov. Soiuz no. 3;16-17 '62.

Zemliak, K. P. [A story about the seven-year plan, 1959-1965] Rozpovid' pro semyrichku, 1959-1965. Kyiv, Derzh. uchbovo-pedagog. vyd-vo "Radians'ka shkola," 1961. 156 p.

RUSSIA—FEBRUARY REVOLUTION, 1917

Voronkova, S. V. [The February bourgeois democratic revolution in Russia] Fevral'skaia burzhuazno-demokraticheskaia revoliutsiia v Rossii. [Moskva] Izd-vo Mosk. univ., 1961. 38 p.
(CSt-H)

RUSSIA—FOREIGN ECONOMIC RELATIONS

Agreements concerning economic cooperation of the U.S.S.R. with foreign countries. Vnesh. torg. 42 no.3;41-44 '62.

RUSSIA—FOREIGN ECONOMIC RELATIONS—AFGHANISTAN

Example of good neighborliness [with summary in appendix]. E. Mkrtychev. Vnesh. torg. 42 no. 3;7-15 '62.

RUSSIA—FOREIGN ECONOMIC RELATIONS—[illegible]

Fraternal alliance. Sov. soiuz no. 1 [illegible]

RUSSIA—FOREIGN ECONOMIC RELATIONS—COMMUNIST COUNTRIES

Close cooperation of socialist countries [illegible] Komm Vooruzh Sil 2 no. 2,10-18 Ja '62

RUSSIA—FOREIGN ECONOMIC RELATIONS—CZECHOSLOVAKIA

Blood brothers. Gustav Husiska. Sov profsoiuzy 18 no. 6 10-11 Mr '62

RUSSIA—FOREIGN ECONOMIC RELATIONS—[illegible]

Economic contacts between the U.S.S.R. and [illegible] develop and strengthen. N. S. Patolichev, [illegible] Vnesh torg 42 no 3,4-5 '62.

RUSSIA—FOREIGN ECONOMIC RELATIONS—JAPAN

Guests from Japan Sov potreb koop 6 no [illegible] '62

RUSSIA—FOREIGN RELATIONS

A discussion of the history of Russian foreign policy in the prerevolutionary period O. V. Orlik Ist [illegible] no 2 221-228 Mr-Ap '62

Efimov, P. N. [Russian foreign policy from [illegible] 1914] Vneshniaia politika Rossii, 1907-1917 [illegible] skva, Izd-vo In-ta mezhdunarodnykh otnoshenii, 303 p

Moscow. Akademiia obshchestvennykh nauk. [Theses for studying the materials of the 22d Congress of the CPSU, for groups studying the theory of Marxism, policy and international situation of the U.S.S.R. socialist building in the people's democracies, world liberation movement] Programa PSKP XXII kongresa materialu studesanai; PSRS attiistibas stariptautiska stavokla, tautas demokratijas valstu socialistiskas celtniecibas, pasaules atbrivosanas kustibas studesanas teoretiskajiem seminariem [illegible] Latvijas Valsts izdevniecība, 1961. 119 p. [In Latvian]

"The phases of Soviet foreign policy" by M I [illegible] G A Deborin Reviewed by P F Kabanov Ist [illegible] 6 no 2 162-164 Mr-Ap '62

Russia (1923– U.S.S.R.) Komissiia po izdaniiu [illegible] maticheskikh dokumentov. [Documents of Soviet foreign policy] Dokumenty vneshnei politiki SSSR. Moskva, Gos. izd-vo polit. lit-ry.
Vol. 6. [November 20, 1922-December 31, 1923] 20 noiabria 1922 g. - 31 dekabria 1923 goda. 1962. 670 p.

"Russian foreign policy in the 19th and the early 20th centuries, documentary materials of the Russian Ministry of Foreign Affairs." Reviewed by A. M. [illegible] Ist SSSR 6 no 2 168-171 Mr-Ap '62

RUSSIA—FOREIGN RELATIONS—JAPAN

Kutakov, L. N. [The Treaty of Portsmouth; history of Japanese relations with Russia and the U.S.S.R. in 1905 to 1945] Portsmutskii mirnyi dogovor, istoriia otnoshenii Iaponii s Rossiei i SSSR, 1905-1945 gg. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961 [illegible]

RUSSIA—FOREIGN RELATIONS—YEMEN

Vladimirov, L. S. [The beacon of friendship, Port Ahmadi, Yemen] Malak druzhby (Port Akhmadi, Iemen). Moskva, Gos. izd-vo polit. lit-ry, 1961 [illegible]

RUSSIA—GEOGRAPHY see Geography

RUSSIA—HISTORIOGRAPHY

"Historiography of the history of the U.S.S.R. from ancient period to the October Socialist Revolution" Reviewed by A. M. Sakharov Vop ist, no 4 [illegible] '62.

Some results of a discussion of the division of [illegible] of Soviet historiography into successive periods. Nechkina. Ist SSSR 6 no. 2,57-70 Mr-Ap '62

Soviet historical studies devoted to the analysis of economic system of Kievan Rus'. V. V. Mavrodin Ist SSSR 6 no. 1;52-73 Ja-F '62.

Subject matter of Soviet historiography and its [illegible] into successive periods. S. O. Schmidt. Ist. [illegible] no.1,94-104 Ja-F '62.

We should intensify our struggle against bourgeois historiography, work of the Section of Feudalism [illegible] Institute of History of the Academy of Sciences U.S.S.R. L. V Cherepnin. Ist.SSSR 6 no 1 [illegible] Ja-F '62.

RUSSIA—HISTORY

A. I. Hertzen and the revolutionary groups before the organization of the first "Land and liberty" [illegible] society [with summary in English, 220-221] [illegible] Linkov. Vop ist. no. 4;80-97 Ap '62.

Brief notes. Vop. ist. no. 4;171-172 Ap '62

Did a "military and political organization" of [illegible] feudal rulers exist in Russia? V. V. Kargalov. Ist SSSR 6 no. 1;161-166 Ja-F '62.

"Establishment of the Russian centralized state in the 14th and 15th centuries" by L. V. Cherepnin [illegible] by I. I. Smirnov (to be concluded) Ist SSSR 6 [illegible] 138-161 Mr-Ap '62.

Events that stirred up all Russia. IU. Akaunov. [illegible] samoobr. 6 no. 3;124-132 Mr '62.

Foreshadow of revolutionary storm Z Hograd Komm Vooruzh Sil 2 no 6 81-85 Mr '62

"History of revolutionary ideas in Russia" by B.P Kozmin. Reviewed by V. Putintsev. Vop.lit. 6 no.2 225-228 F '62.

[History of the U. S. S. R., a textbook for teachers colleges] Istoriia SSSR; uchebnik dlia pedagogicheskikh institutov. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR.
Pt 1. 1961. 598 p.

Kunitskii, S.D. [Russian society and the Paris Commune; comments in Russia on the Franco-Prussian War and the Paris Commune] Russkoe obshchestvo i Parizhskaia Kommuna; otkliki v Rossii na franko-prusskuiu voinu i Parizhskuiu Kommunu. Moskva, Izd-vo Akad. nauk SSSR. 1962. 173 p.

Krymskaya oblast', Gosudarstvennyi arkhiv. [New documents pertaining to A. Suvorov, F. Ushakov, G. Potemkin-Tavricheskii, and M. Kutuzov; a collection of documentary materials] Novye dokumenty A. Suvorova, F. Ushakova, G. Potemkina-Tavricheskogo i M. Kutuzova, sbornik dokumental'nykh materialov. Pod red. F. S. Zagorodskikh i A. E. Solov'eva. Simferopol'. Arkhivnyi otdel UMDV po Krymskoi oblasti, 1947. 129 p. (K istorii bor'by Rossii za vykhod k Chernomu moriu)
(MH)

The Lena massacre and the crisis of the "governmental system of June 3, 1907" [with summary in English, pp 219-220]. A. IA. Avrekh Vop ist no 4,58-79 Ap '62.

Pankratova, A. M., ed. [History of the U. S. S. R.] Istoriia SSSR; uchebnik dlia 9 klassa srednei shkoly. Moskva, Gos. uchpedgiz. M-va prosv., 1960. 302 p.
(NcU)

A review of the general features of Russian history from the 9th to the middle of the 13th century [with summary in English, pp. 218-219] B. A. Rybakov Vop ist no 4:34-57 Ap '62

A session devoted to the problem "Basic laws and features of the Russian development during the period of imperialism," V. F. Borzunov, K. F Shatsillo Ist. SSSR 6 no 1:219-226 Ja-F '62.

Shapiro, A. L. [Russian historiography in the period of imperialism] Russkaia istoriografiia v period imperializma, kurs lektsii. [Leningrad] Izd-vo Leningr. univ., 1962. 234 p.

Smitman, A. M. [Bulgarian workers' press of the 90's in the 19th century on the beginning of V. I. Lenin's revolutionary activity and on the Russian liberation movement] Bolgarskaia rabochaia pechat' 90-kh godov XIX veka o nachale revoliutsionnoi deiatel'nosti V. I. Lenina, o russkom osvoboditel'nom dvizhenii. Pod red. I. F. Ushakova. Murmansk, Murmanskii gos. pedagog. in-t, 1961. 44 p.

RUSSIA—HISTORY—MAPS

Russia (1923- U. S. S. R.) Glavnoe upravlenie geodezii i kartografii. [The Russian State during the period of the peasants' war and the struggle against the intervention of the Polish and Swedish feudal lords, 1582-1618] Russkoe gosudarstvo v period krest'ianskikh voin i bor'by o interventsiei pol'skikh i shvedskikh feodalov, 1582-1618 gg. Karta sostavlena Nauchno-red. kartosostavitel'noi chasti'iu GUGK v 1939 g.; ispravlena v 1960 g. Avtor IU. V. Got'e. Red. K. V. Martova. Moskva, 1960. col. map.
(OU)

RUSSIA—HISTORY—PERIODICALS

A conference of our readers in Riga. Ist. SSSR 6 no. 1: 271-232 Ja-F '62.

RUSSIA—HISTORY—SOURCES

Poroshotov, R. T. [Follow-up of finds and losses] Po sledam nakhodok i utrat. [Moskva] Izd-vo "Sovetskaia Rossiia," [1961] 202 p.

Some problems in the publication of source materials relating to the history of the collectivization of Soviet agriculture. G. A. Belov. Vop. ist. no. 4:133-139 Ap '62.

RUSSIA—HISTORY—STUDY AND TEACHING

Reviewing the history of the U. S. S. R. T. S. Golubeva, L. S. Gellershtein. Nach. shkola 30 no. 4:85-88 Ap '62.

RUSSIA—INDUSTRIES

From the editor's mail. Sots. trud 7 no. 3:130-136 Mr '62.

Great achievements of the seven-year plan. Komm. Vooruzh. Sil 2 no. 2:83-84 Ja '62.

Large economic regions of the U. S. S. R. according to the new regionalization and problems in developing them. P. M. Alampiev. Izv. AN SSSR. Ser. geog. no. 2:42-57 Mr-Ap '62.

"Let's start to work, comrades! Delegates to the 22d Congress of the CPSU tell their stories." Reviewed by V. Talanov. Part. zhizn' no. 7:75-77 Ap '62.

Organizational work has the last word. V Krivich. Sov. profsoiuzy 18 no. 4:16-19 F '62.

Some problems in developing local industries. N. Evdokimov. Nauch. dokl. vys. shkoly; ekon. nauki 5 no. 1: 53-65 '62.

Some theoretical problems in industrial economics in the light of the program of the CPSU. P. Khromov. Ekon. Rad. Ukr. no. 1:16-24 Ja-F '62.

Soviet exhibitions abroad in 1962 I. Bol'shakov. Vneshn torg 42 no. 3:15-17 '62.

Work of the Economic Committee of the Soviet of Nationalities of the Supreme Soviet of the U S S R and its improvement in the light of the program of the CPSU O. I Ivashchenko. Sov gos i pravo 32 no 4 39-48 Ap '62

RUSSIA—INVASION OF 1812

Russia (1923- U S S R) TSentral'nyi gosudarstvennyi Voenno-istoricheskii arkhiv. [Home guard in the Patriotic War of 1812; collected source materials] Narodnoe opolchenie v Otechestvennoi voine 1812 goda; sbornik dokumentov. Pod red. L. G. Beskrovnogo. Moskva, Izd-vo Akad. nauk SSSR, 1962. 545 p.

RUSSIA—LITERATURES

Akademiia nauk SSSR. Institut mirovoi literatury. [Writers of the peoples of the U. S. S. R.] Pisateli narodov SSSR. Moskva, Izd-vo Akad. nauk SSSR, 1962. 338 p.

Amid periodicals and newspapers. Vop. lit. 6 no. 2 233-234 F '62.

Brief news. Vop. lit. 6 no. 2:249-256 F '62.

First meeting of the Council. Vop. lit. 6 no. 2:50-59 F '62.

RUSSIA—MANUFACTURES

Khudokormov, G. N. [Commodity production and the law of value under socialism] Tovarnoe proizvodstvo i zakon stoimosti pri sotsializme. Moskva, Gos. izd-vo "Vysshaia shkola," 1962. 110 p.

We should try to increase the production of consumers' goods in every possible way. Z TSunts, N. Zaprudskii. Komm. Uz. 34 no. 2, 33-39 F '62.

RUSSIA—NAVY

Authority of the commanding officers of ships D IAroshevich. Komm Vooruzh sil 2 no. 7 23-28 Ap '62.

Ivan Golubets and his friends N. Lanin. Sov. voin 44 no. 5:41-43 Mr '62.

A small ship with important functions. V. Protsenko. Starsh. -serzh. no. 12:20 D '61

We vote "yes!" V. Golub'. Sov. voin 44 no. 5, 28 Mr '62.

RUSSIA—NAVY—EDUCATION, NONMILITARY

Sailors are trained in naval work V Ushanov, I Kopytov Komm. Vooruzh Sil 2 no 6 46-49 Mr '62.

RUSSIA—NAVY—PETTY OFFICERS

Chuprynin, S. IA. [Officers and chief petty officers] Ofitser i starshina. Moskva, Voen. izd-vo M-va oborony SSSR, 1962. 118 p.

RUSSIA—PEERAGE

Buganov, V. I. [Peerage books from the last quarter of the 15th to the beginning of the 17th century] Razriadnye knigi poslednei chetverti XV - nachala XVII v. Moskva, Izd-vo Akad. nauk SSSR, 1962. 263 p.

RUSSIA—POLITICS AND GOVERNMENT

Basic phases in the development of the Soviet socialist state A. P. Kositsyn. Sov. gos. i pravo 32 no. 3, 21-33 Mr '62.

The brightest democracy on earth. Kommunist 39 no. 7: 3-10 My '62.

"Development of the Soviet Socialist Federation" by S. I. IAkubovskaia. Reviewed by D. Zlatopol'skii, O. Chistiakov. Sov. deput. trud. no 3:89-91 Mr '62.

Do away with needless meetings. Sov. deput. trud. no. 3: 39-41 Mr '62.

Drobiazko, S. G. [Committees of the Supreme Soviets of the Union Republics; based on the experience of the White Russian S. S. R.] Komissii Verkhovnogo Soveta soiuznoi respubliki; iz opyta BSSR. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 74 p.

Flourishing of socialist democracy. Voen. vest. 41 no. 2:8-9 F '62.

[Gazette of the Supreme Soviet of the R. S. F. S. R.] Ved. Verkh. Sov. RSFSR no. 12 Mr '62.

[Gazette of the Supreme Soviet of the U. S. S. R.] Ved. Verkh. Sov. SSSR nos. 14-15 Ap '62.

Goncharov, A. F. [Soviet state and law during the reconstruction of the national economy of the U. S. S. R., 1921-1925] Sovetskoe gosudarstvo i pravo v period vosstanovleniia narodnogo khoziaistva SSSR, 1921-1925; lektsii dlia studentov VIUZI. Moskva, M-vo vysshego i srednego spetsial'nogo obrazovaniia RSFSR.
No. 3. 1960. 77 p.

Great democracy of the land of the soviets. M. Zlotnik Belarus' 10 no 3-4-5 Mr '62.

The impressive program of the building of communism. Nar. tvorch. ta etn. 5 no. 4:3-8 O-D '61.

Let's promote public participation in the work of governmental agencies and business enterprises. G. Dubrava Mol komm. no 3, 12-18 Mr '62.

Luk'ianov, A. I., and B. M. Lazarev. [Soviet state and public organizations] Sovetskoe gosudarstvo i obshchestvennye organizatsii. Izd. 2., perer. i dop. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 320 p.

Most progressive and best organized force in Soviet society. E. Osipov. Komm. Vooruzh. Sil 2 no. 6:17-25 Mr '62.

New phase in the development of socialist democracy. M. Khakimov. Komm Uz 34 no. 2 12-21 F '62.

Notes of an observer. Uzbekistan 21 no. 2 2-3 F '62

People are the masters of our state Nauka i zhyttia 11 no 2 6 F '62

Rights and lack of rights, facts and figures Komm Mold 7 no. 2:70-72 F '62

The rule of the people A Rychkov Mol kommunist no 3 3-11 Mr '62

Russia (1923- U. S. S. R.) Verkhovnyi Sovet [Meetings of the Fifth Supreme Soviet of the U S S R, seventh session, December 6-8, 1961 Verbatim report] Zasedaniia Verkhovnogo Soveta SSSR piatogo sozyva, sed'maia sessiia (6-8 dekabria 1961 g.) Stenograficheskii otchet. [Moskva] 1962. 551 p.

Sovereignty of the people Nov. vrem. 20 no. 13 1-2 Mr '62.

The Soviet socialist state belongs to all the people S Golunskii Sov deput. trud no 3 12-18 Mr '62

Standing committees or the boards of volunteers? G. Lambukh, D. Mondich. Sov deput trud no 3:65-67 Mr '62.

The 22d Congress of the CPSU on drawing all Soviet citizens into governing the state and their communities. A. I. Lepeshkin. Sov gos i pravo 32 no 3 11-20 Mr '62

Two worlds and two trends of political development. Kommunist 38 no. 5 13-19 Mr '62.

Work of the Economic Committee of the Soviet of Nationalities of the Supreme Soviet of the U S S R and its improvement in the light of the program of the CPSU O I Ivashchenko. Sov gos i pravo 32 no 4 39-48 Ap '62

RUSSIA—POPULATION

Pokshishevskii, V. V. [Role of the geography of population in the economic regionalization of the U S. S. R., materials for the 3d Congress of the Geographical Society of the U. S. S. R.] Rol' geografii naseleniia v voprosakh ekonomicheskogo raionirovaniia SSSR, materialy k III s"ezdu Geograficheskogo obshchestva Soiuza SSR. Leningrad, Geogr. ob-vo SSSR, 1959. 14 p. (Doklady po probleme Ekonomicheskoe raionirovanie strany)

RUSSIA—POPULATION—STATISTICS

Problems of the statistics of population in V. I Lenin's work I. Maiyi Vest. stat no 4 24-36 '62

RUSSIA—RELATIONS (GENERAL) WITH CHINA

First Chinese comments on the Great October Socialist Revolution IU. M Garushianta. Ist. SSSR 6 no. 1:190-199 Ja-F '62.

Tutaev, M. Z. [Early history of Russo-Chinese revolutionary contacts] U istokov russko-kitaiskikh revoliutsionnykh sviazei. Kazan', Tatarskoe knizhnoe izd-vo, 1961. 177 p.

RUSSIA—RELATIONS (GENERAL) WITH CUBA

Friends from Cuba. Teatr 23 no 3:21 Mr '62

RUSSIA—RELATIONS (GENERAL) WITH FRANCE

Soviet coke chemists visit France. Koks i khim. no 2: 15 '62

RUSSIA—RELATIONS (GENERAL) WITH INDIA

Let's cement our friendship! N. V. TSitsin. Az. i Afr. seg. no 3, 44 Mr '62.

RUSSIA—RELATIONS (GENERAL) WITH NORTH KOREA

Friendship and brotherhood. Sov. Soiuz no. 4:4 '62.

RUSSIA—RELATIONS (GENERAL) WITH THE UKRAINE

"Ukrainian political and economic contacts with Russia in the middle of the 17th century" by F. P. Shevchenko Reviewed by L. N. Pushkarev. Ist. SSSR 6 no 2 174-178 Mr-Ap '62

RUSSIA—RELATIONS (GENERAL) WITH THE UNITED STATES

New step in the development of Soviet-American cultural contacts. S. Romanovskii. Nov. vrem. 20 no. 14 16-17 Ap '62.

Scientific results of Soviet geographers' trip to the United States of America. I. P. Gerasimov. Izv. Vses. geog. ob-va 94 no. 1:51-55 Ja-F '62

RUSSIA—RELATIONS (GENERAL) WITH TURKESTAN

"Influence of Russian culture on the cultural development of the peoples of Central Asia" by L. A. Perepelitsyna. Reviewed by K Buranov. Komm. Uz. 34 no. 2, 93-96 F '62.

RUSSIA—REVOLUTION, 1917-1921
(see also subdivision under Astrakhan Government; Bugul'ma; Chechen-Ingush A. S. S. R.; Estonia; Fergana; Groznyy; Leningrad, Omsk Province, Pskov Government; Siberia; Soviet Far East; Tatar A. S. S. R.; Ukraine)

The beginning of Kochubei's journey. V. Serbinenko. Sov. voin 44 no. 5:30-31 Mr '62.

Boldin, I. V. [Pages from life] Stranitsy zhizni. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 245 p.

"The CPSU is the leader and educator of the Red Army, 1918-1920" by IU. P. Petrov. Reviewed by I. Fomichenko, I. Stavitskii. Komm. Vooruzh sil 2 no. 7:88-93 Ap '62.

RUSSIA – REVOLUTION, 1917-1921 (Continued)

Early history of the organization of the Soviet Army, October 1917-January, 1918 S M Khatskin Ist SSSR 6 no 2 90-106 Mr-Ap '62

Far Eastern Perekop Voen vest. 41 no 2 119 F '62

Lenin's plan for the transition to the socialist revolution E Bugaev Kommunist 39 no 6 19-29 Ap '62

The motherland remembers N Novikov Sov voin. 43 no. 23 19 D '61

V I Lenin's interviews with the correspondents of foreign bourgeois newspapers in 1917-1921 E V Klopov L M Frolimova Ist SSSR 6 no 2 79-90 Mr-Ap '62

"With head upraised" by R. Eideman Reviewed by Dm. Pavlov Sov. voin 44 no. 7 42 Ap '62.

RUSSIA—REVOLUTION, 1917-1921—PERSONAL NARRATIVES

Lenin's flowers. Vas. Il'in. Sov. profsoiuzy 18 no 7, 12-15 Ap '62.

Popov, F. V. [Story about the unforgettable, notes of a Bolshevik] Rasskaz o nezabyvaemom, zapiski bol'shevika Kiev, Gos. Izd-vo polit. lit-ry USSR, 1961. 268 p

Tumanskii, A. K. [Flight through the years] Polet skvoz' gody Moskva, Voen. Izd-vo M-va oborony SSSR, 1962 229 p (Voennye memuary)

RUSSIA—REVOLUTION OF 1905 see subdivision under Kazakhstan

RUSSIA—SOCIAL CONDITIONS

Poulain, J. C. [What they said and what I saw. Translated from the French] Chto govoriat i chto ia videl. [Moskva] Izd-vo VTsSPS Profizdat, 1960 44 p.

RUSSIA—SOCIAL LIFE AND CUSTOMS

The reflection of some elements of material culture in byliny, notes V V Pimenov Trudy Kar fil AN SSSR no 8 30-39 '57

RUSSIA—STATISTICS

Urgent problems of the statistical organs of the R S F S R B Kolpakov Vest stat no 4 12-23 '62

RUSSIA, NORTHERN—BOTANY—ECOLOGY

Basic stages in the development of vegetation in the northern part of the U. S. S. R. in connection with climatic fluctuations and activities of man [with summary in English]. B. A. Tikhomirov. Biul. MOIP, Otd. biol. 67 no. 1 34-58 Ja-F '62

RUSSIA, NORTHERN—CHICKWEED

Chickweed(Stellaria media[L.]Cyr.) in wooded tundras and measures for its control. Sh. R Saitburkhanov Bot zhur. 47 no. 2 213-217 F '62

RUSSIA, NORTHERN—FORESTS AND FORESTRY

"Improvement cuttings and forest regeneration in the North" by I. S Melekhova Reviewed by I F Preobrazhenskii. Les khoz 15 no 3 91-92 Mr '62

RUSSIA, NORTHERN—INDUSTRIES

"Developing industries and transportation in northern U S S R." by S. V. Slavin Reviewed by V. F. Burkhanov. Izv AN SSSR Ser geog no 2:137-139 Mr-Ap '62

RUSSIA, NORTHERN—LABOR LAWS AND LEGISLATION

Volkov, V. F., and L. N. Gorevatyi. [Special benefits for those who work in the Far North regions] L'goty rabotnikam Krainego Severa Moskva, Gos. izd-vo iurid. lit-ry, 1961 54 p. (L'goty po sovetskomu zakonodatel'stvu)

RUSSIA, NORTHERN—LAND

Land resources of the national areas of the Far North and their utilization V. G. Konovalenko Vop. geog. no. 54, 20-40 '61.

RUSSIA, NORTHERN—OCEANOGRAPHIC RESEARCH

Expeditions of the Pevek Arctic Observatory. IU B Konstantinov Probl Arkt i Antarkt no. 8 88-99 '61.

RUSSIA, NORTHERN—PINE

Fruiting of pines in the Far North G. M. Kozubov. Les khoz 15 no. 1 35-36 Ja '62

RUSSIA, NORTHERN—SALMON

Role of feeding and the heating of water in artificial rearing of salmon in the Arctic. E. L. Bakshtanskii Ryb khoz. 37 no 10 15-18 '61.

RUSSIA, NORTHERN—TRANSPORTATION

"Developing industries and transportation in northern U. S. S. R." by S. V. Slavin. Reviewed by V. F. Burkhanov. Izv AN SSSR, Ser. geog no. 2:137-139 Mr-Ap '62

RUSSIA, NORTHWESTERN—SWAMPS

Romanova, E. A. [Geobotanical foundations for a hydrological study of highmoors using aerial photography] Geobotanicheskie osnovy gidrologicheskogo izucheniia verkhovykh bolot (s ispol'zovaniem aerofotos'emki). Leningrad, Gidrometeor. Izd-vo, 1961. 243 p.

RUSSIA, SOUTHERN—STONE AGE

The Neolithic in the Crimea and the Black Sea coast of the Caucasus. A. A. Formozov Mat. i issl. po arkheol. no. 102-89-149 '62.

RUSSIA, SOUTHERN—STRAWBERRIES

Effect of shading and other conditions on the growth and fruiting of strawberries. A. A. Il'inskii Sbor. nauch.-issl. rab Azovo-Chernozem. sel'khoz. inst. 18 125-147 '60

RUSSIAN DRAMA—HISTORY AND CRITICISM

"From the history of Russian dramaturgy at the end of the 19th and beginning of the 20th century" by A. Rubtsov. Reviewed by E Polotskaia. Vop. lit. 6 no. 1, 219-223 Ja '62.

RUSSIAN LANGUAGE—ACCENTUATION

Accentuation G Lebedeva Doshk. vosp. 35 no. 4 81-86 Ap '62.

RUSSIAN LANGUAGE—AFFIXES

Correlation between word-forming suffixes of adjectives in the Russian and Uzbek languages K A. Turusunkulova Obshchestv. nauki v Uz 6 no. 1 58-60 '62

RUSSIAN LANGUAGE—BUSINESS RUSSIAN

Business language in Russian language lessons. M. P. Sorokina Rus. iaz. v shkole 23 no 2:58-60 Mr-Ap '62.

RUSSIAN LANGUAGE—COMPOSITION AND EXERCISES

Compositions in grades 5-6 based on the personal impressions of students. L. M. Busygina. Rus. iaz. v shkole 23 no 2:52-54 Mr-Ap '62

Independent selection of words by students in lexical preparation for composition M. T Baranov Dokl APN 5 no 6 45 48 '61

RUSSIAN LANGUAGE—CONGRESSES

Third Interuniversity Conference of the Kursk-Voronezh Region. G. Denisevich. Rus. iaz. v shkole 23 no 2, 113-114 Mr-Ap '62

RUSSIAN LANGUAGE—CONVERSATION AND PHRASE BOOKS—FRENCH

Lipets, E. E., and L. K. Fedorova. [Russian-French phrase book for pupils in grades 6-8] Russko-frantsuzskii razgovornik dlia uchashchikhsia 6-8 klassov Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 87 p.

RUSSIAN LANGUAGE—DIALECTS

(see also subdivision under Siberia)

Il'enko, V. V. [Reflection of the local Novgorod vocabulary in the literary language of the Great Russian nationality, based on materials from chronicles] Otrazhenie mestnoi novgorodskoi leksiki v literaturnom iazyke velikorusskoi narodnosti, po materialam, letopisei. Dnepropetrovsk, 1958. 28 p. (Mit)

RUSSIAN LANGUAGE—DICTIONARIES—AZERBAIJANI

Akademiia nauk Azerbaidzhanskoi SSR, Baku. Terminologicheskii komitet. [Dictionary of zoological terms, Russian-Azerbaijani] Slovar' terminov po zoologii. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1961 106 p.

Russian-Azerbaijani medical terminology [the letter S]. Azerb. med. zhur. no 12 36-40 D '61.

RUSSIAN LANGUAGE—DICTIONARIES—CHINESE

Zorin, I. N., comp. [Russian-Chinese dictionary of general economics and foreign trade] Russko-kitaiskii obshcheekonomicheskii i vneshnetorgovyi slovar'. Pod red. L. Linshaito. Moskva, Vneshtorgizdat, 1961. 703 p.

RUSSIAN LANGUAGE—DICTIONARIES—CZECH

[Russian-Czech-Slovak pocket dictionary] Karmannyi Russko-Cheshsko-Slovatskii slovar'. Sost. N. R. Buravtseva i IA. Lebedeva Pod red. M. Filkusovoi. 8600 slov. Moskva, Gos. izd-vo inostr. i natsional'nykh slovarei, 1961 597 p.

RUSSIAN LANGUAGE—DICTIONARIES—KIRGHIZ

Turusbekov, M. [Dictionary of physics terms; project] Slovar' fizicheskikh terminov; proekt [Russian-Kirghiz] Frunze, Akad. nauk Kirgizskoi SSR, 1960. 190 p.

RUSSIAN LANGUAGE—DICTIONARIES—SLOVAK

[Russian-Czech-Slovak pocket dictionary] Karmannyi Russko-Cheshsko-Slovatskii slovar'. Sost. N. R. Buravtseva i IA. Lebedeva. Pod red. M. Filkusovoi. 8600 slov. Moskva, Gos. izd-vo inostr. i natsional'nykh slovarei, 1961. 597 p.

RUSSIAN LANGUAGE—DICTIONARIES—TURKMEN

Kerbabaev, B. B. [Russian-Turkmen dictionary of botanical terms] Russko-turkmenskii slovar' botanicheskikh terminov. Ashkhabad, Izd-vo Akad. nauk Turkmenskoi SSR, 1960. 100 p.

RUSSIAN LANGUAGE—GENDER

From the life of a language. S. Berezovskaia. Vop. lit. 6 no 2:185-189 F '62.

RUSSIAN LANGUAGE—GRAMMAR

Zaretskii, A. I. [Materials of an entertaining nature on Russian grammar] Materialy po zanimatel'noi grammatike russkogo iazyka. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 60 p.

RUSSIAN LANGUAGE—ORTHOGRAPHY

Algazina, N. N. [Difficult cases in orthography] Trudnye sluchai pravopisaniia, iz opyta raboty Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1961 83 p. (Pedagogicheskaia biblioteka uchitelia)

Method of working on complex orthographic [illegible] kin Rus. iaz. v shkole 23 no 2, 60 61 Mr-Ap '62

Some causes of the appearance of erroneous [illegible] cal generalizations in students. Report [illegible] ous generalizations arising under the faulty [illegible] lation of rules given in the textbook and [illegible] N. N Algazina Dokl. APN 5 no. 1, 35-38 '61

Some causes of the appearance of erroneous [illegible] cal generalizations in students. Report [illegible] lation of rules leading to the elimination of [illegible] generalizations N. N. Algazina Dokl. APN [illegible] 38-40 '61.

Ushakov, M. V. [Exercises on orthography for [illegible] schools] Upr.azhneniia po orfografii v srednei posobie dlia uchitelia. Izd 4., pererab. i [illegible] uchebno-pedagog. Izd-vo M-va prosv. RSFSR, [illegible] 205 p

RUSSIAN LANGUAGE—PRONOUN

Use of the third person personal pronoun with [illegible] "n" B. I Blinzhev Rus. iaz. v shkole 23 [illegible] Mr-Ap '62

Working on orthography in studying pronouns [illegible] bulatova. Rus. iaz. v shkole 23 no. 1, 64 66 [illegible] '62.

RUSSIAN LANGUAGE—SENTENCES

Compound sentences of the phraseological [illegible] conjunction "chtoby" N. M. Karpenok [illegible] shkole 23 no. 2 26-29 Mr-Ap '62.

RUSSIAN LANGUAGE—SPOKEN RUSSIAN

"Do we speak correctly?" by B. Timofeev, [illegible] Er. Khanpira. Vop. lit. 6 no. 1 205-209 Ja '62

RUSSIAN LANGUAGE—STUDY AND TEACHING (see also subdivision under Mari A. S. S. R.)

Development of expressive reading skills in [illegible] of studying syntax and punctuation A. I [illegible] Rus. iaz. v shkole 23 no. 2:67-71 Mr Ap '62

Editor's mail. Rus. iaz. v shkole 23 no. [illegible] Mr-Ap '62

Exercises in the Russian language as local texts [illegible] Nikerov. Rus. iaz. v shkole 23 no 2, 87 [illegible]

Let's connect the study of the Russian language [illegible] ner work. M. I. Nikitina. Rus iaz. v shkole 41-45 Mr-Ap '62.

Petrova, E. N., and M. IA. Morozova. [Elements of morphology in primary grades] Elementy morfologii v nachal'nykh klassakh. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1961. 143 p. (Akademiia pedagogicheskikh nauk RSFSR, Moscow. Izvestiia, no. 116)

"Present-day Russian language" by P. S. Valgina and others. Reviewed by S. Kriuchkov, I. Mamontov, iaz. v shkole 23 no. 2:108-112 Mr-Ap '62

Russian language in the institutions of higher [illegible] A. A. Shvartsman. Rus. iaz. v shkole 23 [illegible] Mr-Ap '62.

"Russian language textbook. Part I. Phonetics and phonology" by S. G. Barkhudarov, S. I. Ivanova [illegible] viewed by I. R. Palei and others Rus. iaz. v shkole no. 2:103-108 Mr-Ap '62.

Sample test papers N Popov Nach shkola [illegible] 78-85 Ap '62

Some forms of the independent work of grade five students on the Russian language. P. G. Simbirtsev [illegible] iaz. v shkole 23 no 2:45-51 Mr-Ap '61

Suggestions for improving the training of Russian language and literature teachers in pedagogical [illegible] G. M. Makarov. Rus. iaz. v shkole 23 no. 2 [illegible] Mr-Ap '62

They study the Russian language everywhere [illegible] Agitator no. 8 37-40 Ap '62.

Using newspaper material in Russian language [illegible] K. Vinnik. Rus. iaz. v shkole 23 no. 2:54 56 [illegible] '62.

RUSSIAN LANGUAGE—STYLE

Chukovskii, K. I. [Alive as life; a discussion of the Russian language] Zhivoi kak zhizn'; razgovor o russkom iazyka. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1962. 173 p.

Language of "The hero of our time" by M. Iu. Ler[illegible] V. N. Kiseva. Rus iaz. v shkole 23 no 2, [illegible] '62

Lenobl', G. B. [From the word to the image, on the language of Soviet literature] Ot slova – k obrazu: iazyke sovetskoi khudozhestvennoi literatury. Moskva, Sovetskii pisatel', 1961. 169 p.

Nonagreeing verbal predicates and their stylistic [illegible] in the present-day Russian language. I. I. Dolina [illegible] iaz. v shkole 23 no. 2:22-25 Mr-Ap '62

V. I. Lenin's struggle for the purity of the Russian language, F. P. Sorokoletov. Rus. iaz. v shkole 23 [illegible] 1-5 Mr-Ap '62.

RUSSIAN LANGUAGE—SYNTAX

Zero forms in syntax. E. M. Galkina-Fedoruk. [illegible] v shkole 23 no. 2:6-12 Mr-Ap '62.

RUSSIAN LANGUAGE—TECHNICAL RUSSIAN
Correct orthography and technical literacy. Shkola i proizv. 6 no 1 94 Ja '62

RUSSIAN LANGUAGE—TERMS AND PHRASES
Verb and noun phrases in the Russian language. V. P. Surkotin. Rus. iaz. v shkole 23 no. 2:17-21 Mr-Ap '62

RUSSIAN LANGUAGE—TEXTBOOKS
Some thoughts on the Russian language textbook E. A. Martinova Rus iaz v shkole 23 no. 2 84-86 Mr-Ap '62
Suggestions for a Russian language school textbook A. Shaltskii. Rus iaz v shkole 23 no 2,90 Mr-Ap '62
Types of school textbooks on the Russian language. T. A. Shapovalova Rus. iaz. v shkole 23 no 2 86-87 Mr-Ap '62

RUSSIAN LITERATURE
The writer and our times. Vsevolod Ivanov. Vop.lit. 6 no.1:165-160 Ja '62.

RUSSIAN LITERATURE—HISTORY AND CRITICISM
Burlakov, N. S., G. A. Pellsov, and I. P. Ukhanov. [Russian literature of the 20th century, the period before the October Revolution] Russkaia literatura XX v., Dooktiabr'skii period, posobie dlia Pedinstitutov. Izd. 2., ispr. i dop. Moskva, Gos. uchebno-pedagog izd-vo M-va prosv. RSFSR, 1961. 200 p.
Current tasks of literary criticism. I. Anisimov. Vop. lit. 6 no. 2:3-20 F '62.
For the judgement of our readers V mire knig 2 no. 3: 25-26 Mr '62
Humanistic pathos. Dimitr Dimov. Vop.lit. 6 no.2: 119-152 F '62.
Infinite horizons. Mikhai Novikov. Vop.lit. 6 no.2:139-143 F '62.
The most progressive literature. Liudmil Stoianov. Vop.lit. 6 no.2:146-149 F '62.
New features in life and literature. A. Metchenko. Kommunist 38 no 5:85-95 Mr '62.
Olsup, N. A. [Literary sketches] Literaturnye ocherki. Paris, 1961. 261 p.
(MH)
"Poetry of reality" by D. Blagoi. Reviewed by N. Leiferov. V mire knig 2 no. 2:34 F '62.
Readers on books. M. IAkushov and others. V mire knig 2 no 3:31-35 Mr '62.
Shcherbina, V. R. [The age and the individual; literary and critical sketches] Epokha i chelovek; literaturno-kriticheskie ocherki. Moskva, Sovetskii pisatel', 1961. 476 p.
CU MH CtY

RUSSIAN LITERATURE—PERIODICALS
"Izvestiia Akademii nauk SSSR" no 5, 1961. Vop. lit. 6 6 no. 1 230 Ja '62.

RUSSIAN LITERATURE—STUDY AND TEACHING
At the people's universities of culture. E Zhurbina. Vop.lit. 6 no.2:60-69 F '62.
Litvinov, V. V. [Studying the language of literary works in school, a manual for teachers] Izuchenie iazyka khudozhestvennykh proizvedenii v shkole, posobie dlia uchitelei. Moskva, Gos. uchebno-pedagog. izd-vo, 1960. 208 p.
(WU)

RUSSIAN NEWSPAPERS
At the forefront, notes about satirical sketches in Communist Youth League newspapers A Vikhrev. Mol. Komm no. 3 81-84 Mr '62.
"The first Russian newspaper published in 1702-1727" by S. M. Tomarinskii. Reviewed by S. IA. Marlinskii. Ist. SSSR 6 no. 1:186-188 Ja-F '62.
First swallow of a great spring. K. Cherevkov Ogonek 10 no. 14.2 Ap '62.
From the pages of youth newspapers. Komsom. zhizn' no. 5 28-29 Mr '62.
From V. I. Lenin's letter to the editor of "Pravda." Kommunist 39 no 6 17-18 Ap '62.
Important date in the life of the Communist Party and the Soviet people. Kommunist 39 no 6 8-15 Ap '62
"Pages of glorious history; reminiscences about the newspaper 'Pravda,' 1912-1917." Reviewed by A. Okorokov. Kommunist 39 no. 7:120-121 My '62.
We should preserve and develop Leninist traditions in the work of our press. B. Stukalin Part. zhizn' no. 8: 11-17 Ap '62.
Zemtsov, A., and others, comps. [Lenin's Pravda, 1912-1962] Leninskaia "Pravda," 1912-1962. [Moskva, Gazeta "Pravda," 1962] 1 v.

RUSSIAN PAINTINGS see Paintings, Russian

RUSSIAN PERIODICALS
From the history of the circulation of the journal "Sovremennik" in 1859-1861. I. G. Lioretsevich Trudy Bibl. AN SSSR 5:253-262 '61

RUSSIAN PERIODICALS—BIBLIOGRAPHY see Bibliography—Russian periodicals

RUSSIAN PERIODICALS—INDEXES
[Chronicle of periodical articles] Let. zhur. st. nos. 12-14 '62. Vspomogatel'nye ukazateli k nos. 40-52 za 1961 god.

RUSSIAN PLATFORM—BRACHIOPODA, FOSSIL
Polytypic concept of the species and practice of its use in the study of brachiopods V P Makridin Paleont zhur no 1 7-18 '62.

RUSSIAN PLATFORM—GEOLOGY, STRATIGRAPHIC
Recent data on the Helvetian in the southwestern outskirts of the Russian Platform. L. N. Kudrin. Dokl AN SSSR 143 no 3,662-665 Mr '62.

RUSSIAN PLATFORM—GEOLOGY, STRUCTURAL
Eastern boundary of the folded basement of the Russian Platform and its tectonic relationship with the area of Hercynian folding in the Urals I. S. Ogarinov, F. I Khat'lanov. Dokl AN SSSR 143 no 3 678-681 Mr '62
Results of work in studying the structure of the crystalline stratum in some southeastern regions of the Russian Platform I. V. Pomerantseva Prikl geofiz no 31,11-54 '61

RUSSIAN PLATFORM—GRAVITY PROSPECTING
High-precision gravimetry in prospecting for petroleum beds. L. D. Nemtsov. Prikl geofiz no. 31,257-265 '61

RUSSIAN PLATFORM—OSTRACODA, FOSSIL
New Dizigopleurella genus and new species of Ostracoda from Devonian sediments in the Russian Platform R B Samoilova, R F Smirnova. Paleont zhur no 1 79-88 '62

RUSSIAN POETRY—HISTORY AND CRITICISM
Bazanov, V. G. [Outlines of Decembrist literature; poetry] Ocherki dekabristskoi literatury; poeziia. Moskva, Gos. izd-vo khudozh. lit-ry, 1961. 469 p.
I'm going to talk about poetry. IU'ia Sel'vinskii. Vop. lit. 6 no.1 9-14 Ja '62.
"Poetry and our time" by V. Ognev. Reviewed by B. Nadezhdin. V mire knig 2 no. 2:34 F '62.
[The Radishchev poets, Ivan Pnin, Vasilii Popugaev, Ivan Born, Aleksandr Vostokov] Poety-radishchevtsy; Ivan Pnin, Vasilii Popugaev, Ivan Born, Aleksandr Vostokov. Vstup. stat'ia, podgotovka teksta i primechanila Vl. Orlova. Leningrad, Sovetskii pisatel', 1961 437 p. (Biblioteka poeta. Malala serila. Izd. 3.)

RUSSIAN SATELLITES see Communist Countries

RUSSIAN SOCIAL DEMOCRATIC PARTY
Bondarovskaia, E. M., and M. I. Gorbunova. [Second Congress of the Russian Social Democratic Party. The rise of the Bolshevik party. Development of the struggle against the Mensheviks for the strengthening of the party] II s"ezd RSDRP. Vozniknovenie partii bol'shevikov. Razvertyvanie bor'by protiv men'shevikov za ukreplenie partii. Kiev, 1960. 16 p.
(MH)
Burmistrova, T. IU. [Lenin's policy of proletarian internationalism during the establishment of the Russian Social Democratic Party] Leninskaia politika proletarskogo internatsionalizma v period obrazovaniia RSDRP, 1894-1903 gg. [Leningrad] Izd-vo Leningr. univ., 1962. 318 p.
"Pages of glorious history, reminiscences about the newspaper 'Pravda,' 1912-1917." Reviewed by A Okorokov. Kommunist 39 no. 7,120-121 My '62.
A remarkable date in the history of the CPSU, on the 50th anniversary of the Prague Conference. V. Bagdasarov. Komm. Uz. 34 no. 1 68-73 Ja '62.
V. I. Lenin's letter to the editor of "Pravda" Part. zhizn' no 6:4-5 Ap '62
Zashkil'niak, A. S. [V. I. Lenin's struggle to consolidate the Bolshevik Party after the Second Congress of the Russian Social Democratic Party] Borot'ba V. I. Lenina za zmitsnennia Bil'shovits'koi partii pislia II z'izdu RSDRP. [L'viv] Vyd-vo L'vivs'koho univ., 1960. 150 p.
(NNC)

RUSSIAN STUDIES see subdivision under Great Britian

RUSSO, GEORGII ANDREEVICH, 1901-
Sixtieth birthday of Georgii Andreevich Russo. Gidr. stroi. 32 no. 1:63-64 Ja '62.

RUSTAVI—STEELWORKS—TECHNOLOGICAL INNOVATIONS
People, the search for improvement, and automatic machinery. Sergei Stalnikov. Sov. profsoiuzy 18 no 6 20-21 Mr '62

RUSTAVI—WOMEN—EMPLOYMENT
People with hearts of stone Viktor Perel'man. Sov profsoiuzy 18 no. 3:45-46 F '62

RUTHENIA see Transcarpathia

RUTHENIUM-RHENIUM ALLOYS
Phase diagram of alloys of the ruthenium - rhenium system E. M. Savitskii, M. A. Tylkina, V. P. Poliakova Zhur neorg. khim. 7 no. 2 439-441 F '62.

RUTIN
Effect of the method of introducing rutin into the organism on its biological activity. A. S. Lapik. Trudy TSSBS no. 5:77-82 '61.
Vitamin-P treatment of diseases of the liver and gall bladder. V. I. Garkusha. Med. zhur. Uzb. no. 4:30-31 Ap '60.

RUZAYEVKA DISTRICT—STATE FARMS
Ivan Malyshko and his activist group Sov profsoiuzy 18 no 3 8 F '62

RUZAYEVKA DISTRICT—TRADE UNIONS
Ivan Malyshko and his activist group Sov profsoiuzy 18 no 3 8 F '62

RYAZAN PROVINCE—COLLECTIVE FARMS
"Transactions of the Ryazan Expedition. No. 1" Methods of large-scale studies of collective farm geography." Reviewed by A E Osetrov Vop. geog. no 54 150-153 '61

RYAZAN PROVINCE—GEOGRAPHICAL RESEARCH
"Transactions of the Ryazan Expedition. No. 1: Methods of large-scale studies of collective farm geography" Reviewed by A. F Osetrov. Vop. geog no 54 150-153 '61

RYBINSK—GROCERY TRADE
Servicing section in a home. B. Shchebnev. Sov torg 35 no 3:46-47 Mr '62

RYBINSK RESERVOIR REGION—SOIL MOISTURE
Water balance of secondary slightly Podzolic turf soils of the coastal area of the Rybinsk Reservoir Liu Siao-i [Liu Hsiao-i] Nauch dokl vys shkoly, biol nauki no 1 183-188 '62

RYE—CLEANING
Problem concerning the washing of rye. V. Podkovenko. Muk.-elev. prom. 28 no. 2:27 F '62.

RYE BREEDING
(see also subdivision under Bulgaria)
Effect of free transpollination of winter rye varieties on the change in some features of seeds. O O Kedrov-Zikhman, A A. Ritter Biul Inst. biol AN BSSR no. 6: 223-227 '61

RYE SMUT see Ergot

RYL'S'KYI, MAKSYM, 1895-
Odessa, Universytet. Maksym Ryl's'kyi. Odessa, 1960. 316 p.
(MH)

RYTKHEU, IURII
"Farewell of the gods" by IUrii Rytkheu Reviewed by Motlashov. V mire knig 2 no 2 30 F '62

SAAD, PEDRO ANTONIO, 1909-
People and events. Nov. vrem 20 no 14:20, 28 Ap '62.

SABLES
Problems of obtaining higher fecundity of sables in captivity D K Beliaev, L G Utkin Nauch trudy Nauch-issl inst push zver i krol 5 95-115 '60
Some data on breeding sables in captivity D. K Beliaev, L. G Utkin Nauch trudy Nauch -issl inst push zver i krol 5 40-70 '60
Tracks of sables as a basis for studying them and establishing their number O K Gusev Trudy BKNII no 4 69-97 '60

SACHKHERE DISTRICT—PETROLOGY
Lithology and feeding substrate of the coal-bearing series of the Chala coal bed. A. D. Kopaleishvili Soob. AN Gruz SSR 27 no. 3,285-292 S '61.

SACROCOCCYGEAL REGION—TUMORS
Surgical treatment of newborn infants with teratomas of the sacrococcygeal region [with summary in English] G A Bairov, K. L. Dreier Vop okh mat i det 6 no 12 55-60 D '61

SADON REGION—ROCKS—THERMAL PROPERTIES
Thermal properties of rocks from the Sadon mine. V. G. Duganov. Izv. vys. ucheb. zav., tsvet. met. 5 no. 2: 22-26 '62.

SAFETY BELTS
Safety belts. IU. Klemanov. Za rul. 20 no. 3 20-21 Mr '62.

SAFETY GOGGLES
Government standards for protective goggles. A. V. Roslavtsev and others. Med. prom. 16 no 2:23-26 F '62.

SAFETY REGULATIONS
In the State Mine Inspection of the R. S. F. S. R. Bezop. truda v prom. 6 no 3:38-39 Mr '62.
In the State Mine Inspection of the Ukrainian S. S. R. Bezop. truda v prom. 6 no. 3:39 Mr '62.
Manzon, A. I. [Safety regulations and factory sanitation] Tekhnika bezpeky ta vyrobnycha sanitarila. Kyiv, Derzh. vyd-vo tekhn. lit-ry URSR, 1961. 88 p. (Biblioteka avtomobilista)

SAGGERS
Increasing the "turnability" of saggers. S. A. Rabinovich Stek i ker 19 no. 1 35-36 Ja '62

SAHARA—BOTANY
"Flora of the northern and central Sahara" [in French] by P. Ozenda. Reviewed by E. M. Lavrenko. Biul. MOIP. Otd. biol. 67 no. 1.139-146 Ja-F '62.

SAIGA

Bannikov, A.G., ed. [Biology of the saiga] Biologiia saigaka. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961 335 p.

ST. VITUS'S DANCE see Chorea

SAKHALIN—FAULTS (GEOLOGY)

Faulting in the northeastern part of Sakhalin. V.S. Koval'chuk Trudy VNIGRI no 186 381-394 '61.

SAKHALIN—FORESTS AND FORESTRY

Sakhalin forests A.S. Ageenko Les khoz. 15 no 3 23-25 Mr '62

SAKHALIN—GEOLOGY, STRUCTURAL

Role of recent tectonic movements in the formation of local structures in the northeastern shore of Sakhalin. S.D. Gal'tsev-Berlyuk. Izv. AN SSSR, Ser. geog. no 2: 67-70 Mr-Ap '62.

SAKHALIN—MICRO-ORGANISMS

Qualitative composition of microflora in the Eastern Ekhabi, Katangli, Vygelkuty, and Paromay fields (northeastern Sakhalin) I.K. Norenkova Trudy VNIGRI no 186 395-405 '61

SAKHALIN—OIL WELL LOGGING

The technique of interpreting the results of well logging in northeastern Sakhalin. S.P. Kamenev. Prikl. geofiz no 31:266-287 '61.

SAKHALIN—SCHOOLHOUSES

Building preschool institutions on Sakhalin. G. Verstin. Doshk. vosp 35 no. 4:39-42 Ap '62.

SAKHALIN—TEACHERS, TRAINING OF

Training of teachers for technical subjects and work. A.V. Polishchuk. Shkola i proizv. 6 no. 1:76-77 Ja '62

SAKHALIN PROVINCE see Sakhalin

SAKHAROV, DMITRII IVANOVICH, 1889-1961

Dmitrii Ivanovich Sakharov, obituary. N.I. Belogorskaia and others Fiz. v shkole 22 no. 1:109-110 Ja-F '62

SALEKHARD—IONOSPHERE

Akademiia nauk SSSR. Institut zemnogo magnetizma, ionosfery i rasprostraneniia radiovoln. [Materials of ionospheric research: Salekhard] Materialy ionosfernykh issledovanii: Salekhard, Moskva.
- July-Sept., Dec. 1957, 1960, 67 p.
- Jan.-Apr. 1958, 1960, 69 p.
- May-June 1958, 1960, 61 p.
- July-Aug. 1958, 1960, 67 p.
- Sept.-Oct. 1958, 1960, 59 p.

SALES TAX

Procedures for paying turnover tax. D. Shvulm. Den. i kred. 20 no. 3:22-25 Mr '62.

SALICYLIC ACID

Colored complexes of titanium with salicylate A.K. Babko, A.I. Volkova, T.E. Get'man. Zhur. neorg. khim. 7 no. 2 284-290 F '62.

Compound treatment of infectious chorea with salicylic preparations and aminazine [with summary in French] R.IU. Kalinovskaia. Zhur. nevr. i psikh. 61 no. 8:1143-1145 '61.

Syntheses of some thienyl- and thenylamides of 2,3-hydroxynaphthoic and salicylic acids. A.P. Kogerman, B.P. Fedorov. Zhur. ob. khim. 32 no. 3:981-983 Mr '62.

SALINE AND ALKALI SOILS

Characteristics of water balance and mineral nutrition of grapes in saline soils. G.Z. Berezenko Trudy Nauch.-issl. inst. sad., vin. 24:83-88 '60.

SALINE WATERS

Salt lakes of Eastern Siberia and possibilities for their industrial utilization. N.A. Vlasov, L.A. Chernyshev, L.I. Pavlova Trudy BKNII no. 4 51-65 '60.

Significance of the "saliva test" for determining thyroid function in thyrotoxicosis. V.G. Spesivtseva, A.I. Frolova, A.IA. Peregudov. Terap. arkh. 34 no. 3:67-73 '62.

SALIVARY GLANDS

Conditioned and unconditioned secretion of glycine-C^{14} and methitonine-S^{35} by salivary glands. IU.A. Petrovich, R.P. Podorozhnaia. Dokl. AN SSSR 143 no 2, 487-490 Mr '62

Dynamics of secretory and trophic processes during chronic fatigue of the salivary glands [with summary in English] A.A. Muratov. Vrach. delo no 2 15-19 F '62

Morphological changes in the salivary glands in chronic radiation sickness [with summary in English]. A.A. Prokhonchukov, V.V. Pankarovskii. Vrach. delo no. 2: 98-102 F '62.

SALK VACCINE see Poliomyelitis vaccine

SALMON

(see also subdivision under Amur River; Baltic Shield; Russia, Northern, Vyg Valley)

Active selective reaction of young humpback salmon (Oncorhynchus gorbuscha Walb.) in relation to sea water. G.D. Bocharov Trudy MMBI no 3:91-96 '61

Diurnal patter in the nutrition of young salmon (Salmo salar L.). F.IA. Pinskii. Biul. MOIP. Otd. biol. 67 no. 1:52 Ja-F '62.

Effect of some environmental factors on the hatching of embryos in salmonid and coregonid fishes. A.V. Popov, A.I. Zotin. Ryb. khoz. 37 no 11:22-28 '61

Smolt metamorphosis of salmons and its biological importance [with summary in English]. V.S. Ivlev. Zhur. ob. biol. 23 no. 1:72-73 Ja-F '62

Some biological and practical conclusions from the experience in acclimatizing Pacific salmon. A.I. Smirnov. Biul. MOIP. Otd. biol. 67 no. 1:149-151 Ja-F '62.

Survival rate of young humpback salmon (Oncorhynchus gorbuscha Walb.) depending on methods used in transferring them from fresh water into sea water. G.D. Bocharov Trudy MMBI no 3:83-90 '61

SALMON FISHERIES see subdivision under Soviet Far East

SALMONELLA

(see also subdivision under Kuybyshev)

Chickens as a reservoir of Salmonella [with summary in English]. E.I. Vydrina. Zhur. mikrobiol., epid. i immun. 33 no. 1:68-72 Ja '62.

Clinical laboratory characteristics of an outbreak of toxic food infection caused by Salmonella breslau IU.M. Mikhailova, E.G. Mel'nik, V.S. Starshinova Klin. med. no 3 85-87 '62.

Food toxicoinfection related to the consumption of hen's eggs. I.A. Mareskin, I.V. Shantarenko. Gig. i san. 26 no. 9:89-90 S '61.

Role of open wells in rural areas in the epidemiology of Salmonella infections [with summary in English]. I.F. IArmolik. Gig. i san. 26 no. 9:25-30 S '61.

Salmonella infection in children, mainly in infants A.A. Lapakha, E.M. Pik-Iventin, N.I. Shekhina. Pediatriia no. 2:16-21 '62.

Variability of the paratyphoid B and breslau bacilli during the process of their adaptation to levomycetin and streptomycin under various conditions of aeration [with summary in English]. E.G. Livkina, O.V. Gorokhova. Antibiotiki 7 no. 4:305-309 Ap '62.

SALMONELLA PARATYPHI

Morphology of the active and inhibitory phases of immunity in guinea pigs immunized with heated vaccine from the paratyphoid A bacillus [with summary in English]. A.M. Igonin, E.M. Zemskov. Biul. eksp. biol. i med. 52 no. 11:80-84 N '61.

Preliminary results [of the study] on the nature of substances from paratyphoid B bacteria inhibiting the growth of microbes from the enterotyphoid group. Report No. 1 [with summary in English]. N.V. Khatuntseva, A.V. IAkovleva, M.V. Mironova. Zhur. mikrobiol. epid. i immun. 33 no. 1:63-68 Ja '62.

MURIUM

ntibiotics. Report No. 1: Production nts of S. typhimurium from antibiotic vith summary in English]. D.G. n'-iuan' [Chou Kuan-yüan], S.V. iotiki 7 no. 4:291-296 Ap '62.

caused by S. typhimurium in chil- in English]. L.M. Bochkova. 27 '62.

3A

of the study] on the nature of sub- phoid B bacteria inhibiting the rom the enterotyphoid group. mmary in English]. N.V. Khatun- a, M.V. Mironova. Zhur. mikrobiol. o. 1:63-68 Ja '62.

iles to various concentrations of summary in English]. B.N. Kuro- a 31 no 1:72-76 Ja-F '62.

SALT CRYSTALS

Phonon scattering on impurity ions in sodium chloride crystals. E.D. Deviatkova, M.I. Kornfel'd, I.A. Smirnov. Zhur. eksp. i teor. fiz. 42 no. 1:307-308 Ja '62.

SALT DEPOSITS see subdivision under Kara-Bogaz Gol (Gulf)

SALT DOMES see subdivision under Emba region

SALT FISH see Fish, Salt

SALT IN THE BODY

Change in some physiological indices of the water-salt metabolism in adolescents continuously drinking highly mineralized water [with summary in English] I.A. Malovskaia, A.I. Bokina. Biul. eksp. biol. i med. 53 no 1:17-21 Ja '62.

SALTING-OUT

Effect of various reagents on the results of electrophoretic and saline fractionation of blood serum proteins [with summary in English] V.I. Okulov Vop. med. khim. 7 no 6 578-585 N-D '61.

SALTS

Characteristics of salt catalysis during oxidation of alkyl aromatic hydrocarbons. R.V. Kucher, S.D. Kaz'min, M.A. Kovbuz. Izv. vys. ucheb. zav.; khim. i khim. tekh. 4 no. 6:971-976 '61.

Determination of polarization voltage in fused salts by Drossbach's method. IU.K. Delimarskii, A.V. Chetverikov. Ukr. khim. zhur. 28 no. 2:167-171 '62.

Leningrad. Vsesoiuznyi nauchno-issledovatel'skii institut galurgii. [Manual of experimental data on the solubility of salt systems] Spravochnik eksperimental'nykh dannykh po rastvorimosti solevykh sistem. Leningrad, Gos. nauchno-tekhn. izd-vo khim. lit-ry.
- Vol. 3. [Two-component systems, elements of the I group and their compounds] Dvukhkomponentnye sistemy; elementy I gruppy i ikh soedinenii. Sost. A.B. Zdanovskii i dr. Pod red. V.V. Viazovova, A.D. Pol'sha, 1961. 2224 p.

Mixed electrode functions of platinum and other metals in fused salts. A.A. Kolotii. Ukr. khim. zhur. 28 no 2 188-192 '62

New improvements in the production of mineral salts. O.D. Kashkarov. Zhur. VKHO 7 no. 1:68-71 '62

Quantitative determination of salts and their mixtures with acids and bases by potentiometric titration in a methyl ethyl ketone medium. A.P. Kreshkov, A.N. IAroslavenko, I.IA. Zel'manova. Dokl. AN SSSR 143 no. 2: 348-350 Mr '62.

Study of chemical potentials of components of ternary water - salt solutions. Part 1: Method for calculating chemical potentials. $BaCl_2$ - HCl - H_2O system at 25° C [with summary in English]. V.I. Timofeev Vest. LGU 17 no. 4:115-121 '62

Temperature dependence of solubility products of salts with multiatomic ions A.M. Egorov, Z.P. Tifova Zhur. neorg. khim. 7 no. 2 275-278 F '62

SALTS—ELECTRIC PROPERTIES

Electric conductance of melts of reciprocal pairs of salts System Na, Cs ‖ Cl, Br. B.F. Markov, V.D. Prisiashnyi. Ukr. khim. zhur. 28 no. 2:268-269 '62.

SALVAGE

Egorov, K.F., and G.L. Shmigol'skii. [The legal problems of salvage] Pravovye voprosy okazaniia pomoshchi i spasaniia na more. Moskva, Izd-vo "Morskoi transport," 1961. 146 p.

Moshera, V.F. [Maritime law; general losses during the maritime transportation of freight] Morskoe pravo, obshchie ubytki pri morskoi perevozke gruza. Moskva, Izd-vo "Morskoi transport."
- No. 5, 1962. 29 p.

SALVES see Ointments

SAMARKAND—SWIFTS

Effect of the way of life on the anatomic structure of the inner ear of the swift Apus melba petrensis Bonp. M.M. Akhmedov. Trudy UzGU no. 110:43-50 '61.

SAMARKAND—WINE AND WINE MAKING

Samarkand wines. IU. IUdin. Uzbekistan 21 no. 2:22 F '62.

SAMARKAND PROVINCE—BOTANY

Basic characteristics of the vegetation of Samarkand Province. A.D. Li. Trudy TashGU no. 187:47-56 '61.

SAMARKAND PROVINCE—CHERRY—DISEASES AND PESTS

Cherry snout beetle Rhynchites auratus Scop., a dangerous pest of common and sweet cherries in Samarkand Province. M. Parsaev. Trudy UzGU no. 110:119-123 '61.

SAMARKAND REGION—ZYGOPHYLLACEAE—TOXICOLOGY

Toxic effect of Zygophyllaceae on the organism of animals. B. IU. Khamrakulov, D.A. Chiasurov. Trudy UzGU no. 110:79-84 '61.

SAMOGITIA—HISTORY

Dundulis, Dronius, [Lithuanian struggle for Samogitia and Uznemune in the 15th century] Lietuviu kova del Zemaitijos ir Uznemunes XV amziuje Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1960. 316 p. [In Lithuanian] (MH)

SAMOILOV, FEDOR NIKITICH, 1882-1952

Vinogradov, L. Fedor Samoilov. Moskva, Gos. izd-vo polit. lit-ry, 1961. 70 p.

SAMPLING

Methods of sampling ores and minerals of nonferrous metals for trace elements G.G. Klinchanskii Razved. i okh. nedr 28 no.1:11-16 Ja '62.

SAMSONOVA, ANNA ARKHIPOVNA

Anna Arkhipovna Samsonova Med. sestra 21 no 1,61 Ja '62

SANATORIUMS see subdivision under Yessentuki

SAND
(see also subdivision under Selenga Valley)

Thermophysical properties of expanded perlitic sand. B. V. Spektor, T. V. Lozhkina Stroi mat. 8 no. 2:35-36 F '62.

Use of ultrasonic waves to dress quartz sand V.I. Revnivtsev and others. Stek i ker 18 no 11 19-21 N '61.

SAND—TABLES AND READY RECKONERS

Useful tables. I. Glindeshkin. Rech transp 21 no. 2: 55 F '62.

SAND, FOUNDRY

Friction of the foundry mixture against metal surfaces. R. L. Geller, L.S. Fiber i Lit. proizv no 3 31-32 Mr '62.

Loam preparation system for the automatic molding line. L. I. Sankov. Lit. proizv. no 3:19-23 Mr '62

SAND, FOUNDRY—ELECTRIC PROPERTIES

Determining the degree of moisture of molding mixtures by their electric conductivity V.P. Sabunov. Lit. proizv. no. 3:47-48 Mr '62.

SAND, GLASS

Use of vibration-ground sand in making hard glass L. G. Gurvits. Stek i ker. 10 no 1 14-16 Ja '62

SAND-LIME BLOCKS

Technology of manufacturing large silica blocks. V. M Aleksandrov. Sbor nauch. trudov LISI no 24 136-152 '56

SANDWICH CONSTRUCTION

Specification of the approximate theory of sandwich plates with a filler. Kh. M. Mushtary. Izv. AN SSSR, Otd. tekh. nauk. Mekh. i mashinostr. no. 1 125-130 Ja-F '62.

Stability and natural vibration of circular cylindrical sandwich shells [with summary in English]. S. N. Kan Pryki. mekh. 8 no. 2:120-132 '62.

SANITARY CHEMISTRY—CONGRESSES

Third All-Union Conference on problems of industrial and sanitary chemistry. M. S. Rykhovskaia. Gig. truda i prof. zab. 4 no. 11:61 N '60

SANITARY ENGINEERING

Gringauz, F. I. [Sanitary engineering] Sanitarno-tekhnicheskie raboty. Izd. 4., perer. i dop. Moskva, Vses. uchebno-pedagog. izd-vo Profitekhizdat, 1961. 502 p.

Khurin, E. S. [Manual for young sanitary engineers] Spravochnik molodogo santekhnika. Moskva, Vses. uchebno-pedagog. izd-vo Profitekhizdat, 1961. 382 p.

SANITARY ENGINEERING—JOB DESCRIPTIONS

Wage schedule and the establishment of work norms in enterprises manufacturing sanitary equipment and fixtures. L. Kheifets. Sots. trud 7 no. 3:127-130 Mr '62.

SANITARY ENGINEERING—PRODUCTION STANDARDS

Wage schedule and the establishment of work norms in enterprises manufacturing sanitary equipment and fixtures. L. Kheifets. Sots. trud 7 no. 3:127-130 Mr '62.

SANTIAGO—THEATER

In Chili. Maria Canepa. Teatr 23 no. 3:162-163 Mr '62.

SAPOGENINS

Search for steroid sapogenins as sources of raw materials for steroid hormones. O. S. Madaeva Med. prom. 15 no. 6:35-38 Je '61.

SAPONINS

Triterpene saponins. Part 2: Saponins from Gypsophila pacifica roots. A. IA. Khorlin, IU. S. Ovodov, N. K. Kochetkov. Zhur. ob. khim. 32 no. 3:782-791 Mr '62.

SARATOV—CONVEYING MACHINERY

Results of adjusting the guide lines of the ShS-1000 conveyor at the Saratov Technical Glass Plant by the use of the MN-2 microlevels designed by the Moscow Institute for Engineers in Geodesy, Aerial Photography, and Cartography. A. D. Solov'ev, V. A. Karpenko Izv vys. ucheb. zav., geod i aerof. no 6 47-57 '61.

SARATOV PROVINCE—AGRICULTURAL ADMINISTRATION

First results of work according to new methods Part. zhizn' no 8:40-43 Ap '62

SARATOV PROVINCE—EGGS—PRODUCTION

Khudiakova, V.A. [Happiness is near you] Schast'e riadom s tobol. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1961. 25 p.

SARATOV PROVINCE—HOME AND SCHOOL

More on pedagogical propaganda. T. D Davidenko. Doshk vosp. 35 no. 4:88-89 Ap '62

SARATOV PROVINCE—RUNOFF

Turbidity of water from the slopes and soil washout in the trans-Volga portion of Saratov Province G V Nazarov Izv AN SSSR Ser. geog no 2,73-78 Mr-Ap '62

SARCOLYSINE

Effect of "ftorpan" and "ftormetasarkolizin" on the osteogenic sarcomas induced by radioactive strontium-90, morphologic changes in them and in some other experimental tumors. S. A. Papoian. Vop radiobiol. [AN Arm. SSR] 1:149-163 '60.

Effect of "ftormetasarkolizin" and "ftorpan" on the sarcoma-45, resistant to sarcolysine and dopan. S. A. Papoian Vop. radiobiol [AN Arm SSR] 1:165-169 '60.

p-Di(2-chloroethyl) aminophenylalanine (sarcolysine) and its derivatives. Part 8 Cholesterol esters of ethylsarcolysine and p-di(2-chloroethyl)aminophenylacetic acid E. N. Shkodinskaia and others. Zhur. ob khim. 32 no. 3:959-961 Mr '62

SARMATIANS

Sarmatian mounds in Orenburg Province. M.G Moshkova Krat soob. Inst arkheol no 83 115-125 '61

SATELLITES, ARTIFICIAL see Artificial satellites

SATIRE

At the forefront, notes about satirical sketches in Communist Youth League newspapers A Vikhrev Mol komm no 3 81-84 Mr '62

"Box" by G. Drobiz and others. Reviewed by IU. Popov Komsom. zhizn' no. 4:30 F '62.

Weapon of laughter. Boris Efimov. Vop. lit. 6 no. 1 22-24 Ja '62.

SATURN (PLANET)

Absolute photographic photometry of Jupiter and Saturn with light filters V. N Lebedinets. Uch zap. KHGU 91:167-239 '57.

SAVCHENKO, ANTONINA FILIPPOVNA

Antonina Filippovna Savchenko Med. sestra 21 no 2 55-56 F '62

SAVCHENKO, IVAN GRIGOR'EVICH, 1862-1932

I. G. Savchenko, on the 100th anniversary of his birth. Vrach delo no 2 153 F '62

SAVINGS BANKS—ACCOUNTING

Give more attention to efficiency promoters. A. Porozov. Fin SSSR 23 no 3:79-80 Mr '62

SAVITSKII, NIKOLAI NIKOLAEVICH, 1892-

Nikolai Nikolaevich Savitskii, on the 70th anniversary of his birth and the 46th of his medical activities. Terap. arkh. 34 no. 3:9-10 '62.

SAVRASOV, ALEKSEI KONDRAT'EVICH, 1830-1897

Sopotsinskii, O. Alekseĭ Kondrat'evich Savrasov. Moskva, Gos. izd-vo izobraz. iskus., 1960. [48] p. (Mastera russkogo iskusstva) (NN)

SAWFLIES see subdivision under Novosibirsk Reservoir region

SAWMILLS

The RD75-6 and RD75-7 two-level sawmills. M. I. Shwal'-boim. Biul. tekh. -ekon inform no. 2:44-45 '62.

SAWS

Controlling device in setting the saw teeth IU Kh Novoshenin Les khoz 15 no 1 71-72 Ja '62.

Increase the effectiveness of the "Druzhba" gasoline engine saw, review of the proposals of efficiency promoters. N. V. Khramov. Les khoz. 15 no 3 75-78 Mr '62.

The PPD pneumatic wood saw. B. P. Vishnevskii. Biul. tekh. -ekon. inform. no. 2:47-48 '62.

Swing saw for improvement cuttings in shelterbelts. S. T. Shtepa. Les khoz. 15 no. 1:65-69 Ja '62.

SAYAN MOUNTAINS—MAGNETITE

Geological and geophysical characteristics of magnetite deposits of the northern part of the Western Sayan Mountains. V. V. Bogatskii, M. M. Makeev. Razved. i okh. nedr 28 no. 1:5-11 Ja '62.

SCAFFOLDING

Selection of efficient units of stock scaffolding for masonry work. M. A. Plakida Sbor nauch trudov LISI no 24 98-110 '56.

SCALE INSECTS

Scale insects Leucaspis japonica Ckll. and Aspidiotus hederae Vall. as tea pests V.S. Dzhashi Subtrop. kul't. no. 4 13-16 '61.

SCALES (FISHES)

Rings and spawning marks on scales of the White Sea herring (Clupea harengus pallasi maris-albi Berg) L.E Anokhina Vop ikht 2 no 1 140-157 '62

SCARLET FEVER

Use of phenoxymethylpenicillin (penicillin V) in scarlet fever [with summary in English] N. M. Chireshkina, V. A. Makarova, I. N. Vlasova. Pediatriia no 2:73-76 '62

SCATTERING (PHYSICS)

Phonon scattering on impurity ions in sodium chloride crystals. E. D. Deviatkova, M. I. Kornfel'd, I. A. Smirnov Zhur. eksp i teor. fiz. 42 no 1:307-308 Ja '62.

SCATTERING OF LIGHT see Light—Scattering

SCHEELITE
(see also subdivision under Ural Mountains)

Secondary concentration and the kinetics of scheelite and powellite flotation S. F. Kuz'kin, I. I. Berlinskii Sbor nauch trud. GINTSVETMET no 33 217-236 '60

SCHIFF BASES

Certain properties of chelate-type salts of uranyl with Schiff bases I. A. Savich and others Zhur neorg khim 7 no 3 498-509 Mr '62

SCHIZANDRA—PHYSIOLOGICAL EFFECT

Industrial dermatitis caused by Schizandra chinensis tincture A. A. Galinkin Gig truda i prof zab 5 no 6 47 Je '61

SCHIZOPHRENIA

Adrenaline in the blood and schizophrenia [with summary in French] A. L. Gamburg Zhur nevr i psikh 61 no 8 1216-1221 '61

Criteria for the prognosis of schizophrenia. N. M. Zharikov Vest. AMN SSSR 17 no 1 14-17 '62

Current problems in the study of schizophrenia. E. A. Popov Vest AMN SSSR 17 no. 1:3-7 '62

Debatable problem in the concept of so-called hypertoxic schizophrenia. V. A. Romasenko. Vest AMN SSSR 17 no 1:27-32 '62.

Discussions on schizophrenia in contemporary French psychiatric literature T. Papadopulos Zhur nevr i psikh. 61 no 8 1260-1264 '61

Effect of aminazine and reserpine treatment on some indices of oxidative processes in schizophrenics [with summary in English]. V. M. Vashetko. Fiziol. zhur. [Ukr.] 7 no. 6,775-783 N-D '61.

Effect of insulin and electroconvulsive seizure on the aminopherase activity of the blood serum in schizophrenic patients [with summary in English] L. I. Lando Vop med khim 7 no 6 598-604 N-D '61

Evaluation of the clinical significance of anticerebral antibodies in the serum of patients with schizophrenia and other neuropsychic diseases [with summary in French] S. F. Semenov, G. V. Morozov, N. I. Kuznetsova Zhur. nevr. i psikh 61 no 8,1210-1215 '61.

Fibrosis of the pia mater in schizophrenia [with summary in French]. P. B. Kazakova. Zhur nevr. i psikh 61 no 8 1244-1250 '61.

Gas exchange and some characteristics of reactivity in schizophrenia [with summary in French]. M. M. Davydova. Zhur. nevr. i psikh 61 no 8 1227-1231 '61.

Hypertonic schizophrenia and its relation to psychoses of an infectious-allergic nature [with summary in French]. A. S. Shmar'ian Zhur. nevr i psikh. 61 no 8 1198-1203 '61.

Immunological reactivity in schizophrenia and the effect on it of contemporary therapeutic substances O. V. Kerbikov. Vest. AMN SSSR 17 no. 1:35-43 '62.

Immunological reactivity of patients with schizophrenia during reserpine treatment. IU. A. Il'inskii Vest AMN SSSR 17 no. 1,43-51 '62.

In defense of clinical study in connection with the discussions of febrile schizophrenia A Sokolova Zhur nevr i psikh 61 no. 8 1274-1275 '61

Pathoarchitectonics of the cerebral cortex in schizophrenia in the light of the most recent data A D Zurabashvili Zhur nevr. i psikh. 61 no 8 1241-1243 '61

Phylotoxicity and electrophoretic changes in the protein fractions of the blood in schizophrenia [with summary in French]. M. K. T'Saune, M. IA. Upenietse. Zhur. nevr i psikh. 61 no. 8 1222-1226 '61.

Pneumoencephalography in chronic schizophrenia (Preliminary report) [with summary in French]. E. M. Sitnikov. Zhur nevr. i psikh. 61 no 8 1251-1254 '61.

Problems in the clinical aspects and pathogenesis of hypochondriacal schizophrenia. G. A. Rotshtein. Vest. AMN SSSR 17 no. 1:17-27 '62.

Reactivity of the cortical apparatus as a clinical neurodynamic problem. A. D. Zurabashvili. Vest AMN SSSR 17 no. 1:32-35 '62.

Schizophrenic symptoms as a stage in the recovery from infectious psychoses [with summary in French]. F. F. Detengof. Zhur. nevr. i psikh. 62 no. 3:394-395 '62

SCHIZOPHRENIA (Continued)

Transfer of induction relations of the ultraparadoxical phase in the differentiation of the motor analyser (parabiosis as a general pathophysiological basis of aphasia apraxia, agnosia and incoherence of thought in schizophrenia) [with summary in French] K. A Zaimov Zhur nevr i psikh 61 no 8 1204-1209 '61

Treatment of schizophrenia resistant to the standard methods of therapy (second report) G I Zal'tsman, G P Ivanshin, R G Ilesheva Zdrav Kazakh 22 no 1 30-34 '62

SCHIZOPODA see subdivision under Balkhash, Lake

SCHLENKER, SOFIA, 1862-1930

Three nurses By V Schoneich [translated from the Polish] Comments by D I Reitynbarg Med sestra 21 no 2 57-61 F '62

SHMIDT, OTTO IUL'EVICH, 1891-1956

Academician Otto IUl'evich Schmidt, on the 70th anniversary of his birth A. F. Laktionov Izv AN SSSR Ser geog no 2 95-103 Mr-Ap '62

SCHOOL AND COMMUNITY see Community and school

SCHOOL DECORATION

Decorating a kindergarten for holidays T V Rykhlinskaia Doshk vosp 35 no 3 111-115 Mr '62

Decorating a school on the occasion of the 40th anniversary of the Pioneer organization L A Magnitskaia, A V Popov Nach shkola 30 no 4 72-77 Ap '62

SCHOOL EXCURSIONS

Our locality I IA Melamedov Nach shkola 30 no 4 64-66 Ap '62

Training students in conducting industrial field trips V. A. Rudenko. Shkola i proizv. 8 no 1 77-79 Ja '62

SCHOOL GARDENS

Equipping a playground and school garden at a kindergarten T S. Naumenko Doshk. vosp. 35 no 4 42-43 Ap '62

Experimental work on a school plot as a means of inculcating diligence E I. Pokul' Nach shkola 30 no 4 50-54 Ap '62

SCHOOL HYGIENE

(see also subdivision under Lvov, Ukraine)

Experience gained in physical culture and health-promoting work among students L F Prusakov Zdrav Ros Feder 6 no 2 37-40 F '62

Hygienic requirements of a seasonal playground E T Smirnova Doshk vosp 35 no 3 31-35 Mr '62

Schedule and organization of work for pupils in grades 9-11 of secondary schools combining studies with labor in the metal-working industry [with summary in English] L. V. Mikhailova, TS L. Ushakheva. Gig i san 26 no. 9 29-35 S '61.

Some problems in medical attendance for children in school [with summary in English] S. M Leviant. Vop. okh mat. i det. 7 no. 2 74-77 F '62.

SCHOOL MUSIC

Song and dance group of the Junior Pioneers S. I. Kozlova, T I. Goroshko Nach shkola 30 no 4 55-58 Ap '62

SCHOOL SONG-BOOKS

Balakhonov, E. P., O. V. Solonikova, and N. M. Sheremet'eva. [Songs we love, textbook for first-grade pupils] Rodnaia pesnia, uchebnoe posobie dlia uchashchikhsia I klassa. Izd. 2., perer. Leningrad, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 107 p.

Troitskaia, O G. [Methodological instructions for grade three and four song collections] Metodicheskie ukazaniia k sbornikam pesen dlia III i IV klassov. Leningrad, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 70 p.

SCHOOL SUPERVISION

(see also subdivision under Krasnoyarsk Territory, Lithuania, Lugansk Province)

Let's insist on the able supervision of the educational process in correspondence technical schools and departments N I Faians Sred spets obr 8 no. 2 33-36 F '62

Let's raise the work of group methods associations to the level of new requirements. Nach shkola 30 no 4 96 Ap '62.

SCHOOLHOUSES see subdivision under Sakhalin

SCHOOLS—FURNITURE, EQUIPMENT, ETC.

Use and storage of school charts. V. A. Sushchenko. Shkola i proizv 6 no. 1-65-67 Ja '62.

SCHUMANN, ROBERT ALEXANDER, 1810-1856

Kriukov, A. N. [Robert Schumann, 1810-1856, brief sketch of his life and works] Robert Shuman, 1810-1856; kratkii ocherk zhizni i tvorchestva. Leningrad, Gos. muzykal'noe izd-vo, 1961. 100 p. (Knizhka dlia iunoshestva)

SCIATIC NERVE

Experimental paralyses caused by electric injury to the sciatic nerve. R.B.Safrazbekian. Izv AN Arm.SSR Biol nauki 15 no.2-81-87 '62.

SCIENCE

(see also subdivision under Lithuania)

Program of communism and the books on science. M. Vasil'ev V mire knig 2 no 3 11-13 Mr '62

SCIENCE—BIBLIOGRAPHY see Bibliography—Science

SCIENCE—CONGRESSES

Studencheskaia nauchno-tekhnicheskaia konferentsiia vuzov Pribaltiki i Belorussii SSR. 3d, Riga, 1957. [Proceedings of the Third Students' Scientific and Technological Conference of Universities of the Baltic Countries and White Russia] Trudy. Riga, Latvilskii gos univ., 1958. 198 p. (MH)

SCIENCE—MISCELLANEA

Abroad Nauka i zhizn' 29 no 1 92-93 Ja '62

Abroad Nauka i zhizn' 29 no 2 44-46 F '62.

"Mind against the elements" by I. Adabashev. Reviewed by A Kolpakov. V mire knig 2 no. 2 14 F '62.

SCIENCE—STUDY AND TEACHING

Interpretation of the CPSU program in physics, astronomy and electrical engineering lessons L. I. Zakharov. Fiz v shkole 22 no. 1:80-82 Ja-F '62.

Let the scientific messages to the people sound louder and louder M A Lavrent'ev Nauka i zhizn' 29 no 1 71 Ja '62

SCIENCE AND CIVILIZATION

Achievements of science to be used for peace and progress Khim. v shkole 17 no. 2, 3-7 Mr-Ap '62.

There is no limit to the power of man. Vladimir L'vov. Vokrug sveta no 3 8-9 Mr '62

SCIENCE AND STATE

Congress of builders of communism. Uzb. khim. zhur. 6 no. 1:5-6 '62.

SCIENCE FICTION

"After a hundred and a thousand years; the man of the future and Soviet science fiction" by IU Kliurikov Reviewed by A Khailov. Vop lit. 6 no 2:190-192 F '62

Literature and the citizen of the future. K. Zelinskii. Vop. lit. 6 no. 2:21-40 F '62.

Time of dreams and time of achievements T Mashkevych Nauka i zhyttia 11 no 2 2 of cover, 16-17 F '62

"Unavoidability of a strange world" by D. Danin; "Traveling into a strange life" by V Safonov Reviewed by I. Inozemtsev V mire knig 2 no 3:15-16 Mr '62

SCIENCE NEWS

From the pages of foreign periodicals Priroda 51 no. 3:119-120 Mr '62.

The year of great achievements, General Assembly of the Academy of Sciences of the U S.S.R. Priroda 51 no. 3, 3-8 Mr '62.

SCIENTIFIC LIBRARIES

Brief news Trudy Bibl AN SSSR 5 344-348 '61

SCIENTISTS

"People of Russian science." Book review. V mire knig 2 no. 2:13 F '62.

SCIENTISTS—STATISTICS

Number and composition of scientific workers and the training of scientific personnel engaged in research and teaching in the U S S R G Kharatian Vest stat no 4 62-73 '62.

SCIENTISTS, JAPANESE

Big business of America. M. Odzaki Nauka i zhizn' 29 no. 1 108-109 Ja '62.

SCINTILLATION COUNTERS

New scintillation organic single crystals. IU. V. Naboikin and others Prib. i tekh eksp 7 no. 1 57-59 Ja-F '62.

Using the method of high-temperature formation for obtaining thin scintillation crystal plates IA. E. Geguzin, A. A. Shpunt Prib i tekh eksp 7 no 1 59-60 Ja-F '62

SCINTILLATION COUNTERS—TESTING

Determining the resolving power of scintillation counters. IU. A. TSirlin, V. A. Shvets, IU. K Khudenskii. Prib i tekh. eksp 7 no 1 56-57 Ja-F '62

SCLEROSIS, MULTIPLE see Multiple sclerosis

SCOPOLIA see subdivision under Latvia; Ukraine

SCORZONERA see subdivision under Kara-Tau

SCOTT, SIR WALTER, Bart , 1771-1832

Walter Scott. S. Orlov. V mire knig 2 no. 3:30-40 Mr '62.

SCREENING, MEDICAL see Medical screening

SCREENS (MINING)

The 162Gr electric vibratory screen for sinter sifting. A. I. Grishechkin. Biul. tekh. -ekon. inform no. 2:8-9 '62.

New screen size series. N. S. Sason. Obog rud. 7 no 1: 42-44 '62.

SCREW CUTTING

Kuz'min, F. K., and G. I. IAkovlev [Progressive ... for cutting trapezoid screw thread] Progressivnyi metod narezaniia trapetseidal'noi rezby ... 1962. 11 p. (Leningradskii Dom nauchno-tekh. ... propagandy. Opyt novatorov. Seriia, Mekhanicheskaia obrabotka metallov, no 4)

SCROLLS, DEAD SEA see Dead Sea scrolls

SCRUBBER (CHEMICAL TECHNOLOGY)

Concerning Diamin's notes M D Kuz'min ... gold, A. A. Filippov Koks i khim ...

Our mail M I Diamin Koks i khim ...

SCULPTURE

Arkin, D. E. [Sculptural images] Ob ... Moskva, Gos. izd-vo "Iskusstvo," 1961. 180 p.

SCULPTURE, LITHUANIAN

[Soviet Lithuanian art, sculpture] Lietuvos ... dailė; skulptūra, [Kaunas] Valstybinė politi... mokslinės literatūros leidykla, 1961. ... p.

SCYTHIANS

More about the Saunakos Rebellion. V. I. ... Vest. drev. ist. no. 1 3-23 '62

SEA BREAM see subdivision under Atlantic Ocean

SEA ICE

(see also subdivision under Arctic regions; ... Sea; Yenisey Bay)

Turbulent heat exchange between water and ... in the sea. IU. P. Doronin Okeanologiia 1 846-850 '61

SEA ICE—THERMAL PROPERTIES

Effect of the temperature of sea ice on ... S S Chikovskii Probl Arkt i Antarkt ... '61

SEA WATER—OPTICAL PROPERTIES

Examining the spectral brightness of the sea ... airplane. I. V. Semchenko, A. V. Smyslov ... gila 1 no. 5:856-859 '61

Photoelectric photometer for measuring ... lumination G. G. Nuzhnin, A. N. Pavlov ... logiia 1 no. 5, 901-910 '61

SEA-WATER—TEMPERATURE see Deep ... ture

SEAFARING LIFE

On shores far and near. M. Smorodin. Vop. ... 67-82 Ja '62.

SEALING

In the Soviet-Norwegian Commission for ... khoz 38 no 3 81 '62

SEARLESITE

Crystalline structure of searlesite $NaB_2(OH)_3SiO_3$ V. B. Kravchenko, G. B. Bokii Dokl AN ... 690-692 Mr '62

SEASHORE

Bashkirov, G. S. [Dynamics of the shore ... Dinamika pribrezhnoi zony moria. Moskva, ... "Morskoi transport," 1961 210 p.

Method of plotting the intensity distribution ... sandy sediment transport along the shore ... shov Okeanologiia 1 no 5, 815-819 '61

SEBACEOUS GLANDS

Regulation of the functioning of the sebaceous ... IU. F. Korolev. Vest derm. i ven. ...

SECONDARY ELECTRON EMISSION

Relaxation oscillations caused by ... in tubes with secondary electron emission ... tov. Radiotekh. i elektron. 7 no. 4 ...

Secondary emission during the bombardment ... num by neutral atoms and ions of argon. ... R. R. Rakhimov, Kh Dzhurakulov. Dokl ... no. 2:309-311 Mr '62.

SECTS

"Sectarians, their religious beliefs, and ... F. Garkavenko. Reviewed by I. Shul'zhenko ... ateist no. 3:61 Mr '62.

SECURININE

Securinine nitrate M. R. Shtern Farm i ... no. 2 47-50 F '62.

SEDATIVES

Increased sensitivity and decreased ... body of narcotics, sedatives and analgesics ... starvation [with summary in English]. ... Arkh. pat. no. 3, 60-66 '62.

SEDIMENTATION ANALYSIS

Use of sedimentation analysis for determining ... tions of the depositing of shales [with ... man]. N. L. Dilaktorskii, S. S. Baukov, M. M. ... skaia. Izv. AN Est. SSR, Ser. fiz.-mat. i tekh. ... no. 2:130-142 '61.

SEDIMENTATION AND DEPOSITION
(see also subdivision under Antarctic regions; Soviet Far East)
Method of plotting the intensity distribution curve of sandy sediment transport along the shore N. D. Shishov Okeanologiia 1 no 5:915-919 '61
Some problems concerning the zonality of sediment formation in the world ocean P. I. Bezrukov Trudy Okean. kom. 10 no. 3 3-8 '62.
Suspended matter in the ocean. A. P. Lisitsyn. Trudy Okean. kom. 10 no 3.9-37 '62.

SEDIMENTS (GEOLOGY)
(see also subdivision under Black Sea)
Some data on the study of interstitial waters in the Marmara and Mediterranean Seas. E. M. Emel'ianov, V. D. Chumakov. Dokl. AN SSSR 113 no 3 701-704 Mi '62

SEED ADULTERATION AND INSPECTION
Advanced seed controlling laboratories. P. G. Tselykovskii. Zemledelie 24 no. 3 81-82 Mr '62

SEED PRODUCTION
"Biological foundations of alfalfa cultivation for seed production in Western Siberia" by N. M. Savel'ev Reviewed by N. V. Orlovskii Izv. Sib. otd. AN SSSR no 12 105-106 '61
A new system of seed production in action. E. IA. Selina. Zemledelie 24 no. 2 84-88 F '62

SEEDLINGS
Tractor for work on seedlings. A. Razumovskii Sel'. mekh. no. 3 34 '62

SEEDS
Characteristics of the formation of chromosome aberrations in irradiation of seeds in the state of organic rest [with summary in English] N. I. Nuzhdin, R. I. Dozortseva. Zhur. ob biol. 23 no 1 12-23 Ja-F '62.

SEEDS—STORAGE
More attention to the storage and processing of seeds. I. A. Trievitskii. Zemledelie 24 no. 2 26-33 F '62.

SEEPAGE
(see also subdivision under Kakhovka Reservoir)
Application of the method of majorant regions to the determination of seepage rate if the depth of the water-tight layer is unknown [with summary in English] V. I. Lavrik Ukr. mat. zhur. 14 no 1 10-17 '62
Evaporation and seepage losses from reservoirs of the trans-Volga region. A. I. Bredis. Nauch. zap. MIIVKH 19 257-267 '57.
Hydromechanical calculation of seepage through earth dams with impervious facing on the upstream slope and an upstream floor of the apron on a sloping confining bed. A. M. Mikhitarian, M. M. Fomin Visti. Inst. gidrol. i gidr. AN URSR 18 82-92 '61
Measures preventing seepage from farm distributing ditches. V. I. Bugaentsev. Nauch. zap. MIIVKH 19 234-238 '57.
Seepage resistance of sandy banks and slopes. V. V. Aristovskyi. Visti Inst. gidrol. i gidr. AN URSR 18 76-81 '61.
Structural dependence of the filtration speed from the hydraulic gradient M. D. Khaskind. Gidrotekhnika no. 1 16-18 '61.
Testing the work of a seepage preventing curtain of a reservoir shore M. M. Biliashevskyi, O. IA. Oliinyk, V. O. Tkachenko. Visti Inst. gidrol. i gidr. AN URSR 18 93-102 '61.

SEGEZHA—WOODPULP
Operation of the soda recovery system. L. D. Shafranova. Bum. prom. 37 no. 3:24-25 Mr '62.

SEICHES see subdivision under Yakimvarskiy Bay

SEISMIC PROSPECTING
(see also subdivision under Tuugay Gates, Uzbekistan)
Areal grouping I. F. Lozovskaia. Prikl. geofiz. no. 31: 85-100 '61
Nature of the dynamic characteristics of a seismogram of refracted and refracted diffracted waves on models of tectonic benches of various types. A. IA. D'iachkova. Prikl. geofiz no. 31:101-108 '61.
Phase correction for a reflected wave. A. I. Dimakov. Razved. i prom. geofiz no. 39 40-41 '61.
Results of work in studying the structure of the crystalline stratum in some southeastern regions of the Russian Platform. I. V. Pomeranseva. Prikl. geofiz. no. 31:11-54 '61.
Statistical estimation of permissible errors in the apparatus and experiments used in the controlled directional sensitivity method. S. A. Nakhamkin Prikl. geofiz. no 31:55-65 '61.

SEISMIC PROSPECTING—EQUIPMENT AND SUPPLIES
Goniometer for constructing seismic cross sections. P. P. Kozlenko. Razved. i prom. geofiz. no. 39 34-36 '61.
Number of seismographs in combined grouping. B. I. Frizen. Razved. i prom geofiz. no. 39 37-39 '61.
Using a special ruler to make an analytical calculation of effective velocities on hodographs of reflected waves. IU. M. Mistrukov. Razved. i prom geofiz. no. 39 16-33 '61

SEISMOMETERS
Apparatus for photooptical recording of earthquakes by the variable width method and for subsequent reproduction of seismograms. IU. A. Kolesnikov. Trudy Inst. fiz. Zem. no 19 64-68 '61
Approximate transformation of seismograph parameters. Z. I. Aronovich. Trudy Inst. fiz. Zem. no 19 130-135 '61.
Automatic control of recording in the AUZ-1 type seismographs. V. N. Solov'ev Trudy Inst. fiz. Zem. no. 19 40-43 '61.
Automatic seismic recording unit with a magnetic memory. A. N. Vetchinkin, V. B. Preobrazhenskii Trudy Inst. fiz. Zem no 19 52-56 '61
Determining the parameter variations of the electrodynamic seismograph N. V. Shebalin. Trudy Inst. fiz. Zem. no. 19 136-113 '61
Determining the principal constants of the seismograph from the shape of the magnification curve A. G. Moskvina Trudy Inst. fiz. Zem. no 19 113-121 '61.
Four-channel recorder with pen tracing. M. L. Gol'dfarb, V. B. Preobrazhenskii. Trudy Inst. fiz. Zem. no 19 78-80 '61.
GB-type galvanometers for seismic oscillographs. E. S. Borisevich, V. F. Katushkin. Trudy Inst. fiz. Zem. no. 19 63-72 '61
Interchangeable pen-tracing galvanometers. E. S. Borisevich, M. L. Gol'dfarb, V. B. Preobrazhenskii Trudy Inst. fiz. Zem. no 19 81-85 '61
Method of changing the magnification of the electrodynamic seismograph while maintaining its frequency characteristics V. T. Archangel'skii Trudy Inst. fiz. Zem. no 19 122-129 '61.
Movement of the galvanometer loop in the interconnected system "electrodynamic seismograph - seismic galvanometer." M. K. Polshkov. Izv. AN Turk. SSR Ser. fiz.-tekh., khim. i geol. nauk no. 6 54-63 '61
Photoelectric automatic control of the recording of seismic processes L. E. Aronov. Trudy Inst. fiz. Zem. no 19 37-39 '61
Problems in the theory and calculation of the system "electrodynamic seismograph - galvanometer" M. K. Polshkov. Prikl. geofiz no. 31 116-135 '61.
The PSERP-1 seismic recorder with pen tracing. E. S. Borisevich and others. Trudy Inst. fiz. Zem. no. 19 73-77 '61.
Recording instrument with a luminescent memory. E. S. Borisevich, M. L. Gol'dfarb, M. S. Mostagina. Trudy Inst. fiz. Zem. no. 19 57-63 '61
Remote control of a long-period vibration pickup L. S. Maksimov, V. A. Tokmakov. Trudy Inst. fiz. Zem. no. 19 86-90 '61.
Seismic oscillograph of the OSB-IV type. E. S. Borisevich, M. V. Zabelin, M. S. Mostagina Trudy Inst. fiz. Zem. no 19 12-18 '61
Seismic oscillograph of the OSB-V type. E. S. Borisevich, S. A. Kastorskii, M. S. Mostagina. Trudy Inst. fiz. Zem. no. 19 19-24 '61.
Seismograph with optical recording for registering strong and destructive earthquakes. D. P. Kirnos, V. N. Solov'ev. Trudy Inst. fiz. Zem. no 19:25-36 '61.
Selection of efficient technique for determining the constants of electrodynamic seismographs. D. P. Kirnos, A. G. Moskvina, N. V. Shebalin. Trudy Inst. fiz. Zem. no 19, 91-112 '61.
The SEO-1 seismic electrographic oscillograph. E. S. Borisevich and others Trudy Inst. fiz. Zem. no 19 44-51 '61.
Simplified recording apparatus for instrumental observations in the epicentral zones of strong earthquakes. E. Shi-tuan' [Yeh Shih-yüan], D. P. Kirnos, V. N. Solov'ev. Trudy Inst. fiz. Zem. no. 19 5-11 '61.
Stabilizing processes in an electrodynamic seismograph during excitation by abruptly commencing sinusoidal oscillations M. K. Polshkov. Razved. i prom. geofiz no 39 3-15 '61.
Theory of transient phenomena in a seismic amplifier with pi-shaped high-frequency filters and T-shaped low-frequency filters. M. K. Polshkov. Prikl. geofiz. no. 31, 66-76 '61.

SEISMOMETRY
(see also subdivision under Gegechkori District)
Determining the propagation velocities of elastic waves from the difference hodographs of reflected waves M. V. Shneerson. Prikl. geofiz. no 31, 109-115 '61.

SEISMOMETRY—ELECTRONIC EQUIPMENT
Frequency characteristics and simulation of real seismic vibration transducers. L. D. Gik. Avtom. kont. i elek. izm. no. 2:107-122 '60.
Selection of the degree of damping of seismic vibration transducers. L. D. Gik. Avtom. kont. i elek. izm. no. 2: 97-106 '60.

SELENGA VALLEY—SAND
Age and origin of sands in the lower Selenga. V. G. Gerbova. Trudy Kom. chetv. per. no. 20, 138-141 '61.

SELENIUM
Conductivity of the arsenic - selenium - thallium system in a glassy state [with summary in English]. R. L. Müller, T. P. Markova Vest. LGU 17 no. 4 75-80 '62.

SELENOCYANATES
Cadmium selenocyanate complexes A. M. Golub, O. E. Andreichenko Zhur. neorg. khim. 7 no. 3 549-554 Mr '62

SELETSKII, GEORGHA ANDREEVICH
Pride of his group. N. IUsim Komm. Mold. 7 no. 2 43-46 F '62

SELF-DEFENSE (LAW)
"The theory and practice of self-defense" by M. I. IAkubovich Reviewed by P. P. Mikhaitenko I. A. Gel'fand Sov. gos. i pravo 32 no. 3 151-153 Mr '62

SELF-SERVICE STORES see subdivision under Leningrad

SEMANTICS
Moscow. Akademiia obshchestvennykh nauk. [Principles of semantic development in language] Zakony semanticheskogo razvitiia v iazyke, sbornik pod red. T. A. Degtereva. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1961 146 p.

SEMENOVKA (CRIMEA)—ANTIQUITIES
Ancient settlement near the Semenovka village I. T. Kruglikova Krat. soob. Inst. arkheol. no. 83 73-82 '61

SEMENOVKA (CRIMEA)—CITIES AND TOWNS, RUINED, EXTINCT, ETC
Ancient settlement near the Semenovka village I. T. Kruglikova Krat. soob. Inst. arkheol. no. 83 73-82 '61

SEMICARBAZIDE
Reactions between cobalt salts and thiosemicarbazide M. K. Akhmedli, A. M. Sadykova Zhur. neorg. khim. 7 no. 3 510-515 Mr '62

SEMICONDUCTORS
Device for feeding the arc with stabilized current. E. M. Esibian, IU. I. Drabovich. Svar. proizv. no. 1 7-9 Ja '62.
Effect of gamma radiation on some properties of current-conducting coatings O. K. Botvinkin, O. V. Vorobieva Stek. i ker. 19 no. 1 4 Ja '62.
Effect of the additional change in the resistance of semiconductors in a magnetic field caused by the secondary Hall e.m.f. V. V. Serkov. Avtom. i telem. 23 no. 3 383-387 Mr '62
On the so-called "compensation effect" in organic semiconductors [with summary in English]. A. V. Airapetiants and others. Vysokom. soed. 3 no. 12 1876 D '61
Physical properties of semiconductors. A. Prikhod'ko Radio no. 3:36-39 Mr '62.
Practical exercises on the study of semiconductors in group lessons. V. G. Tripol'skii. Fiz. v shkole 22 no. 1 72-77 Ja-F '62
Problems and prospects of scientific studies in the chemistry of semiconductors N. P. Luzhnaia Zhur. neorg. khim. 7 no. 3 449-451 Mr '62
Study of the spectra of autoelectrons emitted by semiconductors A. G. Zhdan, M. I. Elinson, V. B. Sandomirskii Radiotekh. i elektron. 7 no. 4:670-685 Ap '62
Theory of photoadsorption effect on semiconductors F. F. Vol'kenshtein, I. V. Karpenko Kin. i kat. 3 no. 1 72-80 '62

SEMICONDUCTORS—CONGRESSES
Second All-Union Conference on Photoelectric and Optical Phenomena in Semiconductors V. G. Alekseeva, IU. V. Gulliaev Radiotekh. i elektron. 7 no. 4:722 Ap '62

SEMICONDUCTORS—ELECTRIC PROPERTIES
Nonsteady-state method for measuring the thermoelectric and thermophysical characteristics of semiconductors [with summary in English]. I. S. Lisker. Inzh.-fiz. zhur. 5 no. 3:58-65 Mr '62.

SEMICONDUCTORS—THERMAL PROPERTIES
Nonsteady-state method for measuring the thermoelectric and thermophysical characteristics of semiconductors [with summary in English]. I. S. Lisker. Inzh.-fiz. zhur. 5 no. 3:58-65 Mr '62.

SEMIPALATINSK—EFFICIENCY, INDUSTRIAL
Unused possibilities. Kh. Zamanov Mest. prom. i khud. promys. 3 no. 3:18 Mr '62.

SEMIPALATINSK PROVINCE—MANUFACTURES
History of industrial enterprises for the processing of agricultural products in Semipalatinsk Province in the late 19th and early 20th century G. Esengalieva. Trudy Inst. ist., arkheol. i etn. AN Kazakh SSR 11 154-173 '61

SEMIRECH'YE—COMMUNIST YOUTH LEAGUE
Bagriantsev, A. G. [History of the Communist Youth League in Semirech'ye] Iz istorii Semirechenskogo komsomola. Alma-Ata, Kazakhskoe Gos. izd-vo, 1960, 35 p.

SEMIRECH'YE—DUNGANS
Uigur and Dungan peasants in the prerevolutionary Semirech'ye P. G. Galuzo Trudy Inst. ist., arkheol. i etn. AN Kazakh. SSR 11 75-125 '61.

SEMIRECH'YE—UIGURS

Uigur and Dungan peasants in the prerevolutionary Semirech'ye. P. G. Galuzo. Trudy Inst. ist., arkheol. i etn. AN Kazakh SSR 11:75-125 '61.

SENSE ORGANS—INSECTS

Investigation of chemoreception in insects and mites. Report No. 1. Electrophysiological study on chemoreception in crickets. IU. A. Elizarov. Nauch. dokl. vys. shkoly, biol. nauki no. 1:57-61 '62.

SENSE ORGANS—VERTEBRATES

Effect of the developmental rate of the sense organs and living conditions on the development of brain in vertebrates [with summary in English]. B. S. Matveev. Zool. zhur. 40 no. 12:1778-1794 D '61.

SENSES AND SENSATION

Blagoveshchenskaia, N. S. [Topical significance of disorders of hearing, the vestibular function, smell, and taste in brain lesions] Topicheskoe znachenie narushenii slukha, vestibuliarnoi funktsii, obonianiia i vkusa pri porazheniiakh golovnogo mozga. Moskva, Medgiz, 1962. 271 p. (DNLM)

Comparative analysis of touch and sense. Report No. 8. Some methods of sensory training. Van-Chzhi-tsin, V. P. Zinchenko, A. G. Ruzskaia. Dokl. APN 5 no. 4:73-76 '61.

Problems in the biophysics of sense organs; general adequateness theory of the activity of sense organs. P. O. Makarov. Trudy Len. ob-va est. 72 no. 1:139-142 '61.

SENSITOMETRY, PHOTOGRAPHIC see Photographic sensitometry

SEPARATORS (MACHINES)

Constant level regulator of a dephenolization system. A. N. Silka, N. N. Deripasko. Koks i khim. no. 2:39 '62.

Effect of main parameters on the performance of hydrocyclone-thickeners. A. I. Zhevnovatyi. Khim. mash. no. 2:13-17 Mr-Ap '62.

Hydrocyclones of the "M" type. E. I. Kul'kin. Obog. rud. 6 no. 6:57-58 '61.

New designs and composition schemes of hydraulic cyclones. A. I. Zhangarin. Vest. AN Kazakh SSR 18 no. 3:62-71 Mr '62.

Separator for removing clay from crushed stone and gravel. E. IA. Levit. Mekh. stroi. 19 no. 3:18-19 Mr '62.

Use of a magnetic separator for freeing cullet of crown caps. M. V. Arutsev. Stek. i ker. 18 no. 11:38 N '61.

SEQUENCES (MATHEMATICS)

Some generalizations of Mercer's theorem for double sequences [with summary in German]. T. Sõrmus. Izv. AN Est. SSR. Ser. fiz.-mat. i tekh. nauk no. 1:37-49 '62.

Space of converging sequences. L. A. Skorniakov. Dokl. AN SSSR 143 no. 3:536-538 Mr '62.

SERBS see subdivision under Hungary

SERFDOM see subdivision under Ukraine

SERICULTURE—HYGIENIC ASPECTS

Improvement of working conditions at sericultural plants. Z. B. Amanov, A. R. Bogustavskii. Gig. i sanit. 26 no. 2:47-49 F '60.

SERIES

Cardinal number of a set of sequences linearly independent with respect to a relatively regular matrix. I. I. Ogievetskii. Usp. mat. nauk 17 no. 1:209-213 Ja-F '62.

On a limiting case in the theory of periodic solutions of Liapunov's systems. I. M. Volk. Izv. vys. ucheb. zav., mat. no. 6:8-15 '61.

Summability factors in the Cesàro method of negative order [with summary in German]. S. Baron, T. Tammai. Izv. AN Est. SSR. Ser. fiz.-mat. i tekh. nauk no. 1:33-36 '62.

SERIES, DIRICHLET'S

Sums of coefficients of certain Dirichlet series. A. A. Val'fish. Trudy mat. inst. AN Gruz. SSR 27:209-251 '60.

SERIES, DIVERGENT

Summability factors for Cesaro's methods of complex order. I. I. Volkov. Usp. mat. nauk 17 no. 1:161-168 Ja-F '62.

SERIES, INFINITE

Euler, Leonhard. [Introduction to the analysis of infinite series. Translated from the Latin] Vvedenie v analiz beskonechnykh. Moskva, Gos. izd-vo fiziko-matem. lit-ry. 2 v.
Vol. 1. 2. izd. 1961.
(RPB)

SERIES, ORTHOGONAL

Absolute convergence of orthogonal double series. V. G. Chelidze. Trudy mat. inst. AN Gruz. SSR 27:183-194 '60.

SERIES, TAYLOR'S

Sets of convergence of Taylor's series. L. V. Taikov. Usp. mat. nauk 17 no. 1:223-230 Ja-F '62.

SERNO-SOLOV'EVICH, NIKOLAI ALEKSANDROVICH, 1834-1866

Barenbaum, I. E. [N. A. Serno-Solov'evich (1834-1866); outline of his bookselling and book publishing activities] N. A. Serno-Solov'evich, 1834-1866; ocherk knigotorgovo i knigoizdatel'skoi deiatel'nosti. Moskva, Izd-vo Vses. knizhnoi palaty, 1961. 131 p.

SEROTONIN

Change in the serotinin content in the blood and organs of rats in experimental pneumococcal infection [with summary in English]. Z. A. Popenenkova, T. N. Zaveniagina. Biul. eksp. biol. i med. 52 no. 11:43-46 N '61.

SERPUKHOV DISTRICT—CORN (MAIZE)

Each hectare can feed two cows. I. Zhirnov. Agitator no. 8:26-29 Ap '62.

SERRATIA

Relation of some halophiles to various concentrations of sodium chloride [with summary in English]. B. N. Kuznechkin. Mikrobiologiia 31 no. 1:72-76 Ja-F '62.

SERUM

Antibodies reacting with human heart tissue in antistreptococcic rabbit serum [with summary in English]. I. M. Lampert and others. Zhur. mikrobiol., epid. i immun. 33 no. 2:62-68 F '62.

Comparative electrophoretic study of protein fractions in sera which gave an either positive or negative result for the immobilization of Spirochaeta pallida and for the Wassermann reaction. I. R. Rikhsiev. Med. zhur. Uzb. no. 1:70-72 Ja '62.

Comparative study of the protein fractions in brucellosis Vi serum [with summary in English]. T. I. Kharitonova. Zhur. mikrobiol., epid. i immun. 33 no. 1:35-40 Ja '62.

Effect of medicinal preparations on blood serum toxicity caused by ionizing radiations [with summary in English]. V. V. Alpatov, A. V. Shubina. Biul. eksp. biol. i med. 53 no. 1:28-31 Ja '62.

Electrophoretic study of anti-burn sera. M. Z. Rudnitskaia, S. V. Skurkovich. Pat. fiziol. i eksp. terap. 6 no. 1:84-85 Ja-F '62.

Experimental study of antitetanus Diaferm-3 sera additionally treated with aluminum hydroxide [with summary in English]. V. V. Budylina, A. IU. Illiutovich, M. A. Torban. Zhur. mikrobiol., epid. i immun. 33 no. 2:87-92 F '62.

Hyaluronidase and hyaluronic acid in some manifestations of infection and immunity. Report No. 6. Effect of hyaluronidase and hyaluronic acid on the reactivity to tetravaccine and the preventive properties of immune sera [with summary in English]. M. I. Alaverdian. Biul. eksp. biol. i med. 53 no. 1:81-85 Ja '62.

Method for determining the protective properties of sera. A table for finding the value of the PD_{50} and the limits of its fluctuations [with summary in English]. L. S. Kreinin. Zhur. mikrobiol., epid. i immun. 33 no. 2:70-73 F '62.

Simultaneous action of Cl. perfringens hemotoxin and B. proteus centrifugate in the presence of a specific antigangrene serum [with summary in English]. IU. I. Donets, N. I. Dumkina. Zhur. mikrobiol., epid. i immun. 33 no. 2:84-87 F '62.

Ukraine, Ministerstvo zdravookhraneniia. [Cytotoxins in present day medicine] Tsitotoksiny v sovremennoi meditsine. Kiev, Gos. med. izd-vo USSR.
Vol. 2. 1960. 332 p.
(DNLM)

SERUM DIAGNOSIS

Serological diagnosis of diphtheria and its significance in detecting mild forms of diphtheria [with summary in English]. R. O. Alieva. Pediatriia no. 2:76-79 '62.

SERVOMECHANISMS

Choice of parameters of two-channel servosystems with antisymmetrical couplings. A. N. Gerasimov. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no. 1:136-142 Ja-F '62.

Combination-type servo systems with a limited number of derivatives from the control action. V. I. Kostiuk. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no. 1:143-151 Ja-F '62.

Design of extrapolating discrete servo systems. L. T. Kuzin. Vych. tekh. no. 2:38-50 '61.

Optimum transfer number of a reducer in high-speed servomechanisms [with summary in English]. G. A. Nadzhafova. Avtom. i telem. 23 no. 3:342-348 Mr '62.

Synthesis of automatic control systems with presence of random disturbances. Part 2: Determination of the desired transfer function of an automatic control system in the presence of random stationary interference [with summary in English]. N. I. Sokolov. Avtom. i telem. 23 no. 3:331-341 Mr '62.

Vasil'ev, D. V., and G. S. Filippov. [Fundamentals of the theory of servomechanisms] Osnovy teorii rasliecheta sledlashchikh sistem. Moskva, Gos. energ. izd-vo, 1959. 428 p.
(C)

SEVAN, LAKE—ALGAE

Oocystaceae of Lake Sevan. N. A. Legovich. Izv. AN Arm. SSR. Biol. nauki 14 no. 11:81-85 N '61.

SEVAN, LAKE—TROUT

Respiration in larvae and the young of Sevan trouts. I. P. Ryzhkov. Izv. AN Arm. SSR. Biol. nauki 14 no. 12:65-68 D '61.

SEVAN LAKE REGION—ORE DEPOSITS

Abovian, S. B. [Geology and minerals of the northeastern shore of Lake Sevan] Geologiia i poleznye iskopaemye severo-vostochnogo poberezh'ia ozera Sevan. Erevan, Izd-vo Akad. nauk Armianskoi SSR, 1961. 260 p.

SEVASTOPOL—CLOTHING INDUSTRY

Don't be angry, Serezhal V. Zhuravlev. Sov. profsoiuzy 18 no. 5:11-12 Mr '62.

SEVASTOPOL—SIEGE, 1942

Ivan Golubets and his friends. N. Lanin. Sov. voin. 40 no. 5:41-43 Mr '62.

SEVENTH-DAY ADVENTISTS see subdivision under Odessa

SEVERNAYA DVINA see Northern Dvina River

SEVEROURAL'SK REGION—BRACHIOPODA, FOSSIL

Andronov, S. M. [Some representatives of the family Pentameridae from Devonian sediments in the vicinity of Severouralsk] Nekotorye predstaviteli semeistva Pentameridae iz devonskikh otlozhenii okrestnostei g. Severoural'ska. Moskva, Izd-vo Akad. nauk SSSR, 1961. 135 p. 22 plates. (Akademiia nauk SSSR. Geologicheskii institut. Trudy, no. 55)

SEWAGE—ANALYSIS

Determination of pine oil in waste waters from ore-dressing plants. IU. IU. Lur'e, V. A. Panova. Zav. lab. 28 no. 2:154-156 '62.

SEWAGE—PURIFICATION

Afterpurification of fuel oil water by aeration in the presence of pyrolusite. N. F. Shuronova, S. I. Verigo, O. V. Mamontova. Trudy VNIIT no. 10:211-218 '61.

Concentration of digested sludge by elutriation and conditions for using this method. N. A. Maslennikov, T. M. Zhdanova. Sbor. nauch. rab. AKKH no. 6:171-178 '61.

Concentration of excess activated sludge by electrolytic flotation. N. A. Maslennikov, T. M. Zhdanova. Sbor. nauch. rab. AKKH no. 6:230-253 '61.

Dehydration of sewage sediments on vacuum filters. I. V. Turovskii. Sbor. nauch. rab. AKKH no. 6:189-216 '61.

Final cleaning of underlying fuel oil water by flotation. L. E. Volkov, L. I. Shmidt. Trudy VNIIT no. 10:228-245 '61.

Horizontal primary clarifiers and activated sludge precipitation tanks. I. S. Postnikov, M. A. Belkova, S. I. Tsitovich. Sbor. nauch. rab. AKKH no. 6:36-51 '61.

A method of designing one-stage digestion tanks with thermophilic and mesophilic digestion. V. V. Bezenov, L. I. Giunter, D. M. Zeztulin. Sbor. nauch. rab. AKKH no. 6:134-157 '61.

Methods for the purification of tar water from the thermal processing of shales of the Kashpir deposits. I. I. Ivanov, K. A. Galushkina. Trudy VNIIT no. 10:204-216 '61.

Methods of purification of waste waters from the production of foamed polystyrene and styrene copolymer with acrylonitrile. B. I. Ivanov and others. Trudy VNIIT no. 10:217-227 '61.

Modern designs of sand traps. O. V. Damidov. Sbor. nauch. rab. AKKH no. 6:73-87 '61.

Patterns of the process of sewage purification in air tanks with uniform speeds of oxidation. K. G. Arutiunian. Sbor. nauch. rab. AKKH no. 6:3-14 '61.

Prospects for the use of graduated digestion of sewage sediments. V. V. Bezenov, L. I. Giunter. Sbor. nauch. rab. AKKH no. 6:116-133 '61.

Reducing losses of butyl acetate in the course of dephenolization of tar water at the "Slantsy" combine. I. I. Shmidt, IU. A. Kozak. Trudy VNIIT no. 10:236-244 '61.

The role of carbohydrates, fats, and albumins in gas formation during the digestion of sewage sediments in digestion tanks. L. I. Giunter. Sbor. nauch. rab. AKKH no. 6:156-170 '61.

Semi-industrial studies of air tanks or clarifiers developed by the Academy of Municipal Economy at the Kur'ianovskii aeration station. I. S. Postnikov and others. Sbor. nauch. rab. AKKH no. 6:10-35 '61.

Specific resistance of sewage sludge and a method of determining it. N. A. Lukinykh, B. L. Lipman, I. A. Turovskii. Sbor. nauch. rab. AKKH no. 6:217-229 '61.

Thermophilic digestion of sewage sediments. D. M. Zeztulin. Sbor. nauch. rab. AKKH no. 6:105-115 '61.

Tower trickling filters for purifying sewage. D. L. Kharitonov. Sbor. nauch. rab. AKKH no. 6:52-72 '61.

Use of ion-exchange materials for the removal of hexavalent chromium compounds from waste waters. A. T. Shubin, V. M. Tkach, V. M. Novakovskii. Zhur. VKhO 7 no. 1:113-114 '62.

SEWAGE DISPOSAL

Sanitary regulations for discharging sewage into the sea. K. B. Khait. Gig. i san. 26 no. 9:76-79 S '61.

SEWAGE IRRIGATION
(see also subdivision under Noginsk District)
Dynamics of the quantitative distribution of coli bacilli in sewage irrigation soil A. S. Gorodetskii, S. S. Lokshina Gig. i san. 26 no 9 86-89 S '61

SEWER DESIGN
Design of intake conduits of combined sewer with storm drains in the tributaries. M. V. Molokov Sbor. nauch. rab. AKKH no. 6:267-282 '61.
Technical and economic evaluation of completely seperate and combined sewer systems. G. G. Shigorin Sbor. nauch. rab. AKKH no. 6, 254-266 '61.

SEWERAGE
Arrangement of storm mains under a channel bed. B. Beletskii Prom. stroi. i inzh. soor. 3 no 2:38-41 Mr-Ap '61
Construction of a catch basin by an advanced method. E. Kigel' Prom. stroi. i inzh. soor. 3 no 2:42-45 Mr-Ap '61
[redacted]
promyshlennykh predpriiatii, SN 173-61. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam. Pt. I. Utverzhdeny... 13 iiulia 1961 g. 1961 216 p.

SEWING
Liauskiene, Jadvyga, and Marijona Masiokaite. [Cutting and sewing] Kirpimas ir siuvimas. Antrasis leidimas. Vilnius, Valstybine politines ir moksalines literaturos leidykla, 1961. 366 p. [In Lithuanian]
Popkov, V. I., ed. [Handbook for workers of the sewing industry] Spravochnik shveinika. Moskva, Gos. izd-vo 'Tonekhizdat.'
Vol. 2. 1962. 280 p.

SEWING MACHINES
(see also subdivision under Leningrad)
Chervlakov, F. I., and N. V. Sumarokov. [Sewing machines] Shveinye mashiny. 2. izd. perer. i dop. Moskva, Mashgiz, 1962. 407 p.

SEX HORMONES see Hormones, Sex

SEX ORGANS see Generative organs

SEZIMOVO USTI—FACTORIES—SAFETY MEASURES
The idea born in our collective. Karel Ambroz, Stanislav Prosek. Sov. profsoiuzy 18 no. 6 43 Mr '62

SHABAD, LEON MANUSOVICH, 1902-
Leon Manusovich Shabad. Arkh. pat. no 3, 61 '62.

SHAFIRANOVSKII, KONSTANTIN ILLARIONOVICH, 1900-
The 60th birthday of K. I. Shafranovskii, Chief Bibliographer of the Library of the Academy of Sciences of the U. S. S. R. S. P. Luppov, A. Kh. Rafikov Trudy Bibl. AN SSSR 5, 319-343 '61

SHAFT SINKING
(see also subdivision under Czechoslovakia; Poland; South Africa, Republic of)
Concrete linings in mine shafts sunk in frozen ground. B. D. Trinker. Shakht. stroi. 6 no 3, 7-10 Mr '62.
Consultation in answer to a query from V. G. Smirnov. L. G. Kheifets. Shakht. stroi. 6 no. 3, 30 Mr '62.
Designing the reinforcement of mine shafts M. I. Slobodkin. Shakht. stroi. 6 no. 3 14-16 Mr '62
Povzner, D. M. [Shaft sinker] Prokhodchik shakhtnykh stvolov. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 302 p.
Rapid sinking of skip shafts in the Mel'nikov No. 7 Mine I. G. Velikii, N. V. Novikov. Shakht. stroi 6 no. 3 23-24 Mr '62.

SHAFT SINKING—HYGIENIC ASPECTS
Basic problems of occupational hygiene in the sinking of vertical shafts [with summary in English]. M. A. Krapotkina. Gig. truda i prof. zab. 5 no. 6 3-9 Je '61
Physiological changes in the organism of workers engaged in shaft sinking [with summary in English]. N. A. Makarenko. Gig. truda i prof. zab. 5 no. 6, 9-13 Je '61.

SHAFTING
Device for measuring torque on engine shafts (torsion meter). I. Chachkhiani, G. Samykin. Rech. transp. 21 no. 2, 36-38 F '62.

SHAKH-DAG—GLACIERS
Recent glaciers of the Shakh-Dag Massif. B. A. Budagov. Trudy Tbil. NIGMI no 9, 139-141 '61.

SHALAGIN, MIKHAIL MOISEEVICH, 1903-1961
Professor Mikhail Moiseevich Shalagin; obituary. I. V. Kozyreva, I. F. Kharitonov. Kaz. med. zhur. no. 5, 97-98 S-O '61.

SHALE
(see also subdivision under Kashpir; Obshchiy Syrt)
Composition and properties of asphaltite found in a shale bed of one of the mines of the "Slantsy" combine S. S. Semenov, E. V. Glushenkova, N. D. Dokshina Trudy VNIIT no. 10, 23-38 '61.
Concentrated shale as an organomineral filler in molded powders of phenolic plastics obtained by the emulsion method S. S. Semenov and others Trudy VNIIT no 10 180-188 '61
Use of sedimentation analysis for determining the conditions of the depositing of shales [with summary in German]. N. L. Dilaktorskii, S. S. Baukov, M. M. Dilaktorskaia. Izv. AN Est. SSR. Ser. fiz.-mat. i tekh. nauk 10 no. 2 130-142 '61.

SHALE—THERMAL PROPERTIES see subdivision under Estonia

SHALE OILS
Fungicide properties of mixtures of shale oils with some phenol derivatives G. E. Shaltykov. Trudy VNIIT no 10 189-195 '61
Introducing a new method of production of thiosalts-petroleum demulsifying compounds at the Syzran' shale-processing plant V. N. Lapin Trudy VNIIT no 10 175-179 '61
Potential phenol content of shale oil from semicoking of shales at the "Slantsy" combine S. S. Semenov and others. Trudy VNIIT no. 10 166-174 '61

SHALTINSKAIA, MARIA PAVLOVNA, 1923-
Maria Pavlovna Shaltinskaia. Med. sestra 20 no 12: 52-53 D '61

SHANGHAI—TEXTILE INDUSTRY
"Foundation, development, and reorganization of the "Hengfeng" Spinning and Weaving Factory." Reviewed by R. N. Sikacheva Sovr. kit. lit. po obshchestv. naukam no. 45: 53-71 '61

SHARONOV, VSEVOLOD VASIL'EVICH, 1901-
Professor V. V. Sharonov, on the occasion of his 60th birthday and the 40th anniversary of his scientific and pedagogical work. I. A. Parshin Astron. tsir. no. 223 30 Jl '61.

SHATURA—HYDROELECTRIC POWER STATIONS
Three generations of Shatura power engineers. Sov. profsoiuzy 18 no. 7:32-33 Ap '62.

SHCHEDRIN, RODION KONSTANTINOVICH, 1932-
Discussion of the operas "Man's fate" and "Not only love." S. Skrebkov and others Sov. muz. 26 no. 3: 82-87 Mr '62

SHEARS (MACHINE TOOLS)
New manual pneumatic shears. B. L. Smolenskii, M. A. Rokhlenko. Mashinostroitel' no 3:40 Mr '62

SHEBELINKA REGION—BITUMEN—GEOLOGY
Hard bitumens in reservoir rocks of the Shebelinka gas-condensate bed and their nature O. V. Zaritskaia, P. V. Zaritskii Dokl. AN SSSR 143 no. 2:402-404 Mr '62

SHEEP
(see also subdivision under Issyk-Kul' region, Tajikistan)
Effect of ultraviolet irradiation on the productivity in sheep. M. O. Korol'ov, V. I. Mukhin. Nauk. pratsi "Ank.-Nov." 9 51-54 '61.

SHEEP BREEDING see subdivision under Nikolayev Province; South Kazakhstan Province

SHEEP BREEDS
(see also subdivision under Latvia)
Dynamics of wool development in Askaniya sheep. Z. V. Spieshnieva, T. V. Nechyn'onnaia. Nauk. pratsi "Ask.-Nov." 9:35-44 '61.

SHEEPSHEARING see subdivision under Zimovniki District

SHEET-METAL WORK
Objectives of Scientific Technological Society engineers in carrying out the resolutions of the 22d Congress of
Transfer of conical lids to die stamping. V. A. Andreev. Kuz.-shtam. proizv. 4 no. 3: 45 Mr '62.

SHEET METAL WORK—PRODUCTION STANDARDS see subdivision under Kalinin

SHEET STEEL—WELDING
Conditions of spot-welding thin-sheet, low-carbon steel A. I. Guliaev. Avtom. svar. 15 no 4:64-70 Ap '62.
Maslov, IU. A., and V. D. Gorozhanin. [Automatic welding of highly resistant thin-sheet steel] Avtomaticheskaia svarka tonkolistovoi vysokoprochnoi stali. Moskva, Mashgiz, 1961. 30 p.

SHELEKHOV, GRIGORII IVANOVICH, 1747-1795
Polevoi, B. P. [Grigorii Shelekhov, the Russian Columbus; a biographical sketch] Grigorii Shelikhov, Kolumb rossiki; biograficheskii ocherk. [Magadan] Magadanskoe knizhnoe izd-vo, 1960. 46 p.

SHELL MOLDING (FOUNDING)
Dudin, A. A. [Group technology in mechanized shell casting (five-element form of standardization), stenographic record of a lecture delivered in the Leningrad House of Scientific Technological Propaganda during the seminar of Leningrad foundrymen] Gruppovaia tekhnologiia pri mekhanizirovannom kokil'nom lit'e (piatielementnaia forma tipizatsii); stenogramma lektsii, prochitannoi v LDNTP na zaniatiiakh seminara leningradskikh liteishchikov. Leningrad, 1962. 47 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Serliia Liteinoe proizvodstvo)
Metal molds for large aluminum reels. P. F. Sheremeta. Lit. proizv. no 3 45 Mr '62.

SHELL MOLDING (FOUNDING)—EQUIPMENT AND SUPPLIES
Results obtained by adopting a multiposition automatic machine N. V. Shtengel'meier Lit. proizv. no. 3 35-37 Mr '62.

SHELL ROOFS see Roofs, Shell

SHEPHERDS see subdivision under Uzun-Bulak (Kazakhstan)

SHERSHNEV, NIKOLAI FROLOVICH
Hero of the "Pedagogical poem" O. Hryhorenko, Ukraina no. 2, 32 Ja '62.

SHESHMA VALLEY—SOILS
Some data on the characteristics of soils influenced by the local reservoir on the Sheshma River, Tatar A. S. S. R. A. Sh. Fatkullin. Nauch. dokl. vys. shkoly, biol. nauki no 1 189-192 '62

SHEVCHENKO, TARAS, 1814-1861
Doroshenko, Volodymyr. [Happy and sad events in Shevchenko's life; a brief biography] Hore i radist' u Shevchenkovomu zhytti, biografichnyi narys. Philadelphia, 1962. 47 p.
Hrushkin, V. M. [The land which Taras praised in his poems] Zemlia, ospivana Tarasom. [Kyiv] Kyivs'ke oblasne knyzhkovo-gazetne vyd-vo, 1961. 126 p.
"Let me tell you about our bard" by P. T. Fedchenko Reviewed by V. Kostiuk Ukraina no 2:26 Ja '62.
"Our people and the poetry of Shevchenko" by IEvhen Shabliovs'kyi Reviewed by S. Lavrov. Ukraina no 2: 27 Ja '62
Romanchenko, I. S. [Atheistic views of T. H. Shevchenko] Ateizm T. H. Shevchenka. Kyiv, Derzh. vyd-vo khudozh. lit-ry, 1962. 96 p.
Shevchenko in the folk poetry of the Circassians A. I. Bondarenko Nar. tvorch. ta etn. 5 no 4-102-106 O-D '61
"Shevchenko's satire" and "Style of political poetry written by Shevchenko" by IU. O. Ivakin. Reviewed by M. Kotsiubynskaia. Vop. lit. 6 no. 1 212-215 Ja '62.
Slavutych, Yar. [Shevchenko's greatness] Velych Shevchenka. Winnipeg, Nakladom UVAN, 1961 30 p. (Ukrains'ka Vil'na akademiia nauk. Serlia: Literatura, no. 7)
Tkachenko, M. M. [Chronicle of the life and works of T. H. Shevchenko] Litopys zhyttia i tvorchosti T. H. Shevchenka. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 325 p.

SHEVCHENKO IN LITERATURE AND ART
T. Shevchenko in Ukrainian folk songs. A. Sobolev. Ukraina no. 2, 26 Ja '62.

SHIELDING (ELECTRICITY)
Unilateral supply of current to powerful aluminum electrolytic cells. I. Z. Slutskii, IU. I. Ogorodnikov. Izv. vys. ucheb. zav., tsvet. met. 5 no. 2 95-99 '62.

SHIELDING (RADIATION)
New work chambers for radioactive substances I. M. Gimel'shtein, A. N. Murzin, E. IA. Piarish Atom. energ. 12 no 4 353-354 Ap '62.
Use of collimated neutron beams in shielding studies (B-2 unit used with a BR-5 reactor). S. G. TSypin Atom. energ. 12 no 4 300-305 Ap '62.
Use of empirical constants in shield design. B. I. Sinitsyn, S. G. TSypin Atom. energ. 12 no 4:306-314 Ap '62.

SHIFT SYSTEMS
Significance of the diurnal periodicity of physiological functions in evaluating the efficiency of workers in three-shift operations [with summary in English]. G. M. Gambashidze Gig. truda i prof. zab. 5 no. 6 13-18 Je '61.

SHIGELLA
Changes of micro- and macroorganisms in shigella keratoconjunctivitis M. N. Shashikhina. Izv. AN Turk. SSR, Ser. biol. nauk no 1 54-62 '62.
Nature of atypical strains and their significance in the bacteriological diagnosis of dysentery. V. S. Terno. Vrach. delo no. 8 100-102 Ag '61.

SHIGELLA DYSENTERIAE
Detecting dysenteric microbes in the water of the Dnieper River by the phage titer growth reaction and by a bacteriological method [with summary in English]. F. N. Poddubnyi Zhur. mikrobiol., epid. i immun. 33 no. 2 102-106 F '62

SHIGELLA DYSENTERIAE (Continued)

Methods for identifying nonagglutinating dysenteria[l] bacteria. I. L. Borisenko. Zhur. mikrobiol., epid. i immun. 33 no. 1 99 Ja '62

A method for restoring the agglutinability of nonagglutinating dysenterial cultures. S. N. Rzhanova. Zhur. mikrobiol., epid. i immun. 33 no. 1 105 Ja '62

Preliminary results for the study of the nature of substances from [Shigella] bacteria exhibiting the growth-inhibiting effect on the enteropathoid group. Report No. 1 [in summary in English]. N. V. Khitun-tseva, A. V. Mikoleva, M. V. Mironova. Zhur. mikrobiol., epid. i immun. 33 no. 1 63-69 Ja '62

Preserving the virulence of dysenterial bacteria by passing them through the conjunctival sac of guinea pigs [with summary in English]. M. V. Belova. Zhur. mikrobiol., epid. i immun. 33 no. 1 116-21 Ja '62.

Chelation method according to immunogenic properties and their significance in increasing the immunogenic activity of dysentery cultures [with summary in English]. E. N. Mikheeva, I. G. Vasil'eva. Zhur. mikrobiol., epid. i immun. 33 no. 1 12-17 Ja '62.

Study of the specificity and sensitivity of the phage titer growth reaction in tracing dysenterial bacteria in water [with summary in English]. F. N. Poddubnyi. Zhur. mikrobiol., epid. i immun. 33 no. 1 28-31 Ja '62

Survival of dysenteric bacteria on vegetables and fruits in an experiment. M. K. Sharipov. Med. zhur. Uzb. no. 4 27-30 Ap '60

Variability of dysenterial bacteria during culturing in various nutrient media. M. G. Petruk. Zhur. mikrobiol., epid. i immun. 33 no. 1 96-97 Ja '62

SHIKOTAN ISLAND—FISH PROCESSING PLANTS

To the end of the earth. Semen Shurtakov. Ogonek 40 no. 14 22-24 Ap '62

SHING VALLEY—PETROLOGY

Genesis of the silicified rocks in the Shing-Magian region. N. S. Mudrogina, N. I. Nasyrulin. Inform. sbor. VSEGEI no. 46,109-119 '61

SHINGLES (DISEASE) see Herpes zoster

SHIP PROPULSION

Calculating the forces acting on the propeller of a twin-screw vessel. S. I. Devnin, V. V. Timofeev. Sudostroenie 28 no. 2 17-19 F '62

Certain characteristics of the maneuverability of ships equipped with ring nozzles. A. D. Gorman. Trudy LIVT no. 1 20-25 '60

Experimental investigation of the characteristics of water jet propellers using self-propelled models. S. F. Medvedev. Trudy LIVT no. 1 26-36 '60

SHIP PROPULSION, ELECTRIC

Effect of including anchor chain time constants in designing the automatic control of generator-engine systems for electric ship drives. P. I. Gritsenko. Trudy LIVT no. 3 3-6 '60

SHIP RESISTANCE

Materials for the calculation of water resistance to the movements of a freighter in inland navigation. G. K. Avdeev, F. R. Ratner. Trudy LIVT no. 1 11-19 '60

SHIP TRIALS

Determining the speed of ships with the help of marine radar stations. B. A. Maltsev, B. F. Iakovlev. Sudostroenie 28 no. 2 49-53 F '62

SHIPBUILDING

(see also subdivision under Kiev)

Current tasks of shipbuilding for inland navigation in the new seven-year plan. D. D. Pokrovskii. Trudy LIVT no. 3 3-12 '60

Papkovich, P. F. [Works on the structural mechanics of a ship] Trudy po stroitel'noi mekhanike korablia. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl. Vol. I [Flexure of beams and rectilinear frames] Izgib balok i priamolineinykh ram. Pod obshchei red. V. V. Ekimova. 1962. 575 p.

Pokryshchenko, V. F., and E. I. Kravchenko. [Manual of a mold loftsman] Spravochnik rabochego-plazovshchika. Leningrad, Sudpromgiz, 1961. 200 p.

Prospects for the use of [illegible]

Strength characteristics of polyester glass reinforced plastics. M. E. Chernomordik. Trudy LIVT no. 6 61-67 '60

Use of asbestos-glass fabrics in shipbuilding. I. N. Dodonov. Sudostroenie 28 no. 2:59-61 F '62

SHIPBUILDING WORKERS see subdivision under Nikolayev

SHIPPING

World freight traffic and prospects for its expansion. V. S. Tsukrov. Trudy TsNIIMF no. 37 13-42 '61.

SHIPPING—ABSTRACTS

[Water transportation] Ref. zhur., Vod. transp. nos. 1-3 Ja-Mr '62.

SHIPPING—ACCOUNTING

Planning the operations of a vessel. V. I. Nemchikov. Trud. TSNIIMF no. 37:57-69 '61.

Using mathematical methods in planning operations in the merchant marine. N. L. Dmitrieva. Trudy TSNIIMF no. 37 43-56 '61.

SHIPPING—BIBLIOGRAPHY see Bibliography—Shipping

SHIPPING BOUNTIES AND SUBSIDIES

Shipping and shipbuilding subsidies in capitalist countries. Trudy TSNIIMF no. 37 3-18 '61.

SHIPS

Determination of contact stresses during the impact of the stem of the ship against ice. D. E. Khelsin. Probl. Arkt. i Antarkt. no. 8 67-74 '61

SHIPS—AIR CONDITIONING

Work of the Scientific Technological Society for Shipbuilding. S. A. Bogatykh. Sudostroenie 28 no. 2,76-77 F '62.

SHIPS—CARGO

Certain characteristics of the transportation of granular materials by sea. V. I. Kolobtsov. Trudy TSNIIMF no. 37:104-111 '61.

SHIPS—CORROSION

Phosphate undercoats and their use in shipbuilding. G. IA. Terlo, E. B. Manto. Sudostroenie 28 no. 2 47-49 F '62

SHIPS—EQUIPMENT AND SUPPLIES

Put order in the replacement of equipment and supplies. A. Vinogradov. Rech. transp. 21 no. 2:11-13 F '62

SHIPS—MAINTENANCE AND REPAIR

Determining the productive capacity of ship repair enterprises. V. A. Polushkin. Sudostroenie 28 no. 2, 54-55 F '62

Effect of certain technical factors in repairing the hull on the operating qualities of a ship. I. M. Gurevich. Trudy LIVT no. 6 13-21 '60

Efforts to achieve the calling "plant of communist labor." I. Leznov. Rech. transp. 21 no. 2:32-33 F '62.

Gas tempering of parts in ship repair. P. P. Nemkov, E. S. Beliakov. Trudy LIVT no. 6 49-53 '60.

Prospects for the use of plastics in shipbuilding and ship repairs. I. Klushenkov. Rech. transp. 21 no. 2,27-29 F '62.

Repair cycles and the average life of river vessels. V. I. Sergeev. Trudy LIVT no. 6 22-40 '60

Sheluchenko, V. M. [Shipbuilding materials and ship repairs] Sudostroitel'nye materialy i sudoremont. Leningrad, Izd-vo "Morskoi transport," 1961. 332 p.

Some problems of using the thermite process in ship repairing. B. G. Andreev. Trudy LIVT no. 6 15-48 '60

SHIPS—PAINTING

Use of urea-formaldehyde lacquer coatings for wooden decks and floors on ships. Iu. Matasov. Rech. transp. 21 no. 2:38-40 F '62.

SHIPS—WELDING

Electric slag welding of ship parts. L. B. Tonkonogov. Avtom. svar. 15 no. 4:87-88 Ap '62.

[illegible]

[illegible] concrete for sectional reinforced con- [illegible] M. Medvedev, V. G. Batrakov. [illegible]:56-57 F '62.

[illegible] of reinforced concrete. A. N. [illegible]on. inform. no. 2:72-73 '62.

[illegible] see Electricity on ships

[illegible]SES

[illegible] of Marine Fouling and Shipworms. [illegible]logiia I no. 5:031 '61

[illegible]akov. Vokrug. sveta no. 3 29-31

[illegible]ura Lowland

[illegible] I IAKOVLEVICH, 1902-

[illegible].Shlapoberskii. Antibiotiki 7

SHOCK

Ambulance with special facilities for shock treatment. A. I. Lepskov. Vestn. khirurgii [illegible]

Treatment of collapse in myocardial infarct. V. N. Vinogradov, V. G. Popov, A. S. Smetnev. Ter. arkh. 34 no. 3 11-19 '62

SHOCK THERAPY

Effect of insulin and electroconvulsive therapy on aminopherase activity of the blood serum in [illegible]phrenic patients [with summary in English]. I. M. [illegible]. Vop. med. khim. 7 no. 6 598 [illegible] N. D. '61

SHOCK WAVES

Action of a shock wave on an obstacle. A. A. Ivkin, V. A. Smirnov. Inzh. zhur. 2 no. 1 151 [illegible]

Behavior of shock waves at a long distance from the [illegible] of explosion. D. L. Okhotsimskii, Z. P. Vlasova, [illegible] vyssh. ucheb. zaved.; matematika no. 1 104 124 Ja '62

Shock adiabates and zero isotherms of seven metals at high pressures [with summary in English]. L. V. Al'tshuler, A. A. Bakanova, R. F. Trunin. Zhur. eksp. i teor. fiz. 42 no. 1,91-104 Ja '62

Structure of shock waves in a high-temperature deuterium plasma [with summary in English]. V. S. Imshennik. Zhur. eksp. i teor. fiz., 42 no. 1,230-240 Ja '62

SHOE INDUSTRY

(see also subdivision under Georgia, Moscow)

At work, in the theater, in a street and at home. [illegible] Gritsanenko. Obv. na vop. rab. no. 10 [illegible] '61

SHOE MANUFACTURE

The collective of the factory named after Lepse struggles for a high quality of footwear. I. V. [illegible] V. N. Glinsburg. Kozh.-obuv. prom. 1 no. 1 [illegible]

Dimension conformity of rubber galoshes and [illegible] leather footwear. A. A. Pozin, V. P. Tsvetkov. Kozh.-obuv. prom. 1 no. 1, 18-19 Ja '62

Simis, A. M., and B. G. Shulin. [Pattern drafting and manufacture of women's shoe uppers made by stitching and gluing] Konstruirovanie i proizvodstvo zhenskoi model'noi strochechno-kleevoi obuvi. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, [illegible] 77 p.

Vsesoiuznyi institut nauchnoi [illegible] [illegible] myshlennosti i kul'tury odezhdy. [Shoe styles] [illegible] obuvi. Moskva, 1961. 60 p.

SHOE MANUFACTURE—BIBLIOGRAPHY see Bibliography—Shoe manufacture

SHOE MANUFACTURE—EQUIPMENT AND SUPPLIES

Interchangeable bushing for ceramic abrasive [illegible] B. B. Bezobrazov and others. Kozh.-obuv. prom. [illegible] no. 1:35 Ja '62.

SHOLOKHOV, MIKHAIL ALEKSANDROVICH, 1905-

Man and the course of history. Remarks on Sholokhov's "And quiet flows the Don." I. Sozonova. Vop. lit. no. 1:179-192 Ja '62.

SHOOTING, MILITARY

Accurate fire means mastery. Voen. vest. [illegible] 1, 108-110 D '61.

Field firing of a tank platoon. R. Altunganov. Voen. vest. 11 no. 2:86-89 F '62.

Firing on moving targets at the rifle range. [illegible] Voen. vest. 41 no. 12 73-75 D '61.

Firing with the aid of a scale of distance without [illegible] keting the target. A. Droganov. Voen. vest. [illegible] 71-72 F '62.

Nemtsov, S. D. [Dzhikaev's secret] Sekret Dzhikaeva. Moskva, Voen. izd-vo M-va oborony SSSR, 1961. 94 p. (Biblioteka soldata i matrosa)

Out of a machine gun at a moving target. [illegible] Koroli. Voen. vest. 41 no. 12:105-107 D '61.

Planning of preparation fire in the company. P. Klimov. Voen. vest. 41 no. 12,102-105 D '61.

Savchenko, S. S., ed. [Field firing for the personnel of small units] Boevye strel'by v boinaya podgotovka. Moskva, Voen. izd-vo M-va oborony SSSR, 1961. 156 p.

Savchenko, S. S., and A. F. Grechikhin. [Firing from armored carriers] Strel'ba s bronirovannykh [illegible] Voen. izd-vo M-va oborony SSSR, 1962. 83 p.

SHORE PROTECTION

Methods for seashore reinforcement and their research development. A. M. Zhdanov. Trudy Okean. kom. no. 3:113-122 '62.

"Methods of fortifying sandy shores" by R. IA. [illegible] Gidrotekhnika no. 1:103 105 '61.

SHORT STORIES, CHUVASH

Uiar, Khvedor, comp. [Chuvash stories; a collection. Translated from the Chuvash] Chuvashskie rasskazy, sbornik. Moskva, Sovetskii pisatel', 1961. 367 p. (MH)

SHORTHAND, LATVIAN—DICTIONARIES

Latvijas Padomju Socialistiskas Republikas Zinatnes akademija. Stenografijas komisija. [Stenographic dictionary; shorthand of the Unified Stenographic System of the Latvian language] Stenografijas vardnica. Latviesu valodas vienotas stenografijas sistemas saisinataju raksts. Riga, Latvijas Valsts Izdevnieciba, 1961. 260 p. [In Latvian]

SHORTWAVE RADIO see Radio, Shortwave

SHOSTAKOVICH, DMITRII DMITRIEVICH, 1906-
Premiere of the Fourth. Aleksei Nikolaev. Sov. muz. 26 no 3 116-119 Mr '62.

SHOT PEENING
Increasing fatigue resistance by shot peening. Z. P. Grozinskaia, M. IA. Gal'perin Metalloved. i term. obr. met. no. 2:14-15 F '62

SHOULDER JOINT—FRACTURE
Device for holding shoulder fragments during the application of plaster casts. A. A. Antvatsaturian. Vest. khir. no. 6:116-119 '61.

SHOW WINDOWS see subdivision under Smolensk

SHOWER BATHS
Effect of a shower bath on the restoration period after work [with summary in English] N. I. Skurat Gig. truda i prof. zab. 4 no. 11 13-18 N '60.

SHUKHOV, IVAN PETROVICH, 1906-
"Ivan Shukhov; a critico-biographical sketch" by K. Kurova. Reviewed by M. Shatalin. Vop. ist. 6 no. 1:201-205 Ja '62.

SHURAB (LENINGRAD PROVINCE)—HOOKWORM DISEASE
Ancylostomiasis at the Shurab Coal Mine in Leninabad Province, Tajik S.S.R. V. IA. Matveichuk. Shor. trud. po mat. i gel'min. no. 2 229-234 '59.

SHUYA DISTRICT—STOCK AND STOCKBREEDING
We mechanize those processes in stockbreeding which require excessive expenditure of labor N. Sheladev Part. zhizn' no. 8, 41-48 Ap '62

SHVARTS, EVGENII L'VOVICH, 1896-
Simbal, S. I. [Evgenii Shvarts, an account of his life and works] Evgenii Shvarts; kritiko-biograficheskii ocherk. [Leningrad, Sovetskii pisatel', 1961] 269 p. (MH)

SHVEDE, EVGENII EVGEN'EVICH, 1896-
On the 70th birthday of Evgenii Evgen'evich Shvede. I. Demin. Vop. geog. no. 61:162-163 '61.

SIAZAN' REGION—PETROLEUM GEOLOGY
Calculating oil reserves of the Maikop series in the Siazan' field [in Azerbaijani with summary in Russian]. M. M. Guseinov. Azerb. neft. khoz. 40 no. 10:6-8 O '61.

SIBERIA—BOTANICAL GARDENS
Development of the Central Siberian Botanical Garden. K. A. Sobolevskaia. Trudy TSSBS no. 5:3-10 '61.

SIBERIA—CARNIVORA
Sludganov, S. U. [Animals of Siberia; carnivores] Zveri Sibiri; khishchnye. Moskva, Izd-vo Akad. nauk SSSR, 1962. 457 p.

SIBERIA—ETHNOLOGY—MAPS
Akademiia nauk SSSR, Institut etnografii. [Historical and ethnological atlas of Siberia] Istoriko-etnograficheskii atlas Sibiri. Pod red. M. G. Levina i L. P. Potapova. Moskva, Izd-vo Akad. nauk SSSR, 1961. 496 p.

SIBERIA—FISH CULTURE—CONGRESSES
Seventh Plenum of the West Siberian Section of the Ichthyological Commission B. G. Ioganzen Vop. ikht. 2 no. 1, 206-208 '62

SIBERIA—FISHERIES—RESEARCH
Biological fishery research in Siberia B. G. Ioganzen. Vop. ikht. 2 no. 1:3-17 '62

SIBERIA—GAS, NATURAL—CONGRESSES
First interdepartmental coordination conference on "Characteristics of the Distribution of Gas and Oil Fields in Siberia and the Far East" V. N. Sokolov. Inform. biul. NIIGA no. 16:5-7 '59

SIBERIA—GENTIANS
Chemical investigation of Transbaikalian species of the gentian family. V. N. Karpovich Trudy Len. khim.-farm. inst. 12:201-206 '61.

SIBERIA—GEOLOGICAL RESEARCH
Main task A. A. Trofimuk Nauka i zhizn' 29 no. 1:14 Ja '62.

SIBERIA—GEOLOGY, STRATIGRAPHIC
Results of the paleomagnetic study in the southern part of the Siberian Platform and adjacent regions. V. P. Rodionov, E. P. Sidorova Trudy VNIGRI no. 186, 364-384 '61

SIBERIA—GOLD ORES
State and problems of geophysical work on gold. M. I. Kiselev. Geofiz. razved. no. 5 94-103 '61.

SIBERIA—GOOSEBERRIES
Applied biological studies on gooseberry seedlings at the Central Siberian Botanical Garden of the Siberian Branch of the Academy of Sciences of the U.S.S.R. V. N. Vasil'eva. Trudy TSSBS no. 5:105-112 '61.

SIBERIA—LABOR SUPPLY
A team goes to the East A. Rakhovskaia and others Mol. kommunist no. 3 77-80 Mr '62.

SIBERIA—MINES AND MINERAL RESOURCES
Rich, generous Siberian region. M. Dunenkov. Sov. voin. 44 no. 7, 16-17 Ap '62.

SIBERIA—PETROLEUM GEOLOGY
The discoverers of petroleum in Siberia. I. Osipov. Novyi mir 38 no. 3 211-230 Mr '62

SIBERIA—PETROLEUM GEOLOGY—CONGRESSES
First interdepartmental coordination conference on "Characteristics of the Distribution of Gas and Oil Fields in Siberia and the Far East." V. N. Sokolov Inform. biul. NIIGA no. 16 5-7 '59

SIBERIA—RESEARCH
Results of the 22d Congress of the CPSU and tasks of scientific institutions of the Siberian Branch of the Academy of Sciences of the U. S. S. R. Izv. Sib. otd. AN SSSR no. 1 3-1 '62.

SIBERIA—REVOLUTION, 1917-1921
When did the rural toilers of Siberia come to the side of the Soviet regime? D. K. Shelestov. Ist. SSSR 6 no. 1 127-135 Ja-F '62.

SIBERIA—RUSSIAN LANGUAGE—DIALECTS
Tsumaklon, N. A. [Historical chrestomathy on Siberian dialectology] Istoricheskaia khrestomatiia po sibirskoi dialektologii. Krasnoiarsk, 1960. 320 p. (MH)

SIBERIA—STEAM POWER PLANTS
Prospective initial parameters of steam in large condensation electric power plants of central Siberia L. S. Popyrin, N. T. Efimov Izv. Sib. otd. AN SSSR no. 12 3-13 '61

SIBERIA—STEPPE FLORA
Floristic relations between the steppes of Siberia and the prairies of North America [with summary in English]. B. A. Bikerov. Bot. zhur. 47 no. 3 317-336 Mr '62

SIBERIA—STURGEONS
Introduction of Siberian and Far Eastern sturgeons into the waters of Eastern Europe. V. D. Lebedev. Ryb. khoz. 37 no. 10:11-14 '61.

SIBERIA—WHEAT—VARIETIES
"Spring wheat in Siberia" by P. A. Akhtonfel'd. Reviewed by T. Bagdasariants. V mire knig 2 no. 3 20-21 Mr '62

SIBERIA, EASTERN—BUCKWHEAT
"Buckwheat in Eastern Siberia" by A. A. Baertsev Reviewed by N. N. Kuleshov. Zemledelie 24 no. 3:96 Mr '62.

SIBERIA, EASTERN—CARP
Acclimatization of Amur carp in the reservoirs of Eastern Siberia M. G. Askhaev Trudy BKNII no. 4 108-110 '60

SIBERIA, EASTERN—DESCRIPTION AND TRAVEL
Andrei Argentov's journey to northeastern Siberia in 1851. B. A. Val'skaia. Strany i nar. Vost. no. 2:172-187 '61.

SIBERIA, EASTERN—GEOLOGY
History of the development of the northeastern U. S. S. R. in the Riphean and Paleozoic. L. A. Rezanov Izv. vys. ucheb. zav., geol. i razv. 5 no. 2:9-27 F '62

SIBERIA, EASTERN—HYDROLOGY
[Hydrological yearbook] Gidrologicheskii ezhegodnik. Leningrad, Gidrometeor. izd-vo.
1958 Vol. 9, No. 0-6. Pod red. A. A. Vlasovoi. 1961. 576 p.
1959. Vol. 2. [Basin of the Black Sea (exclusive of the Caucasus)] Bassein Chernogo moria (bez Kavkaza).
No. 0-1 [Basin of the Black Sea exclusive of the basin of the Dnieper River] Bassein Chernogo moria bez basseina reki Dnepr. Pod red. O. L. Tselinskoi. 1961. 244 p.

SIBERIA, EASTERN—LAKES
Salt lakes of Eastern Siberia and possibilities for their industrial utilization N. A. Vlasov, L. A. Chernyshev, L. I. Pavlova. Trudy BKNII no. 4 51-65 '60

SIBERIA, EASTERN—LONGEVITY
Longevity among the population of Eastern Siberia. IA. M. Grushko. Sov. zdrav. 21 no. 3:48-51 '62.

SIBERIA, EASTERN—NUTCRACKER (BIRD)
Nesting of the thin-beaked nutcracker in eastern Siberia. I. P. Karpukhin. Biul. MOIP, Otd. biol. 67 no. 1:122-123 Ja-F '62.

SIBERIA, EASTERN—ORE DEPOSITS
Laws of the formation of placers. L. V. Zorin, N. G. Groshenkova. Izv. Vses. geog. ob-va 94 no. 1:97-83 Ja-F '62.

SIBERIA, EASTERN—SOILS
Problems of the soil geography of Eastern Siberia O. V. Makeev, B. V. Nadezhdin Trudy BKNII no. 4 7-18 '60

SIBERIA, WESTERN—ALFALFA
"Biological foundations of alfalfa cultivation for seed production in Western Siberia" by N. M. Savel'ev Reviewed by N. V. Orlovskii Izv. Sib. otd. AN SSSR no. 12 105-106 '61

SIBERIA, WESTERN—CONCRETE
Make efficient use of the raw materials of Western Siberia for the production of porous filler. V. V. Eremenko, L. E. Vrublevskii, I. L. Shemanskii Stroi. mat. 8 no. 2 14-15 F '62

SIBERIA, WESTERN—EARTHWORMS
A new species of earthworm Lisenia malevici sp. n. (Oligochaeta, Lumbricidae) from Western Siberia [with summary in English]. T. S. Perel' Zool. zhur. 41 no. 3 451-456 Mr '62.

SIBERIA, WESTERN—FOREST INSECTS
Most harmful insects in parks of Western Siberia. A. I. Cherepanov, G. O. Krivolutskaia. Trudy TSSBS no. 3 65-75 '60

SIBERIA, WESTERN—INLAND WATER TRANSPORTATION
Scientific Technological Society of Western Siberia is striving for technical progress M. Kaganovskii Rech. transp. 21 no. 2, 22 F '62

SIBERIA, WESTERN—LANDSCAPE GARDENING
Conditions of landscape gardening in the cities of Western Siberia and ways for improving them. L. P. Zubkus. Trudy TSSBS no. 3 5-10 '60.
Further development of landscape gardening and the work of the Academy of Municipal Services on town planting in Western Siberia. K. A. Vinogradov. Trudy TSSBS no. 3 5-10 '60.
Landscape gardening on state farms in virgin land regions. T. N. Kormacheva. Trudy TSSBS no. 3 27-31 '60
Objectives of the research institutions of Western Siberia in landscape gardening. K. A. Sobolevskaia. Trudy TSSBS no. 3:11-17 '60.

SIBERIA, WESTERN—OIL FIELDS
In the depths of Siberia has been discovered one of the largest oil and gas producing districts in the world Sov. Soiuz no. 3, 13 '62
Siberian oil is not a forecast but a reality V. Novoselov. Nauka i zhizn' 29 no. 2, 3-9 F '62.

SIBERIA, WESTERN—OOLITE
Oolitic rocks of the Tyumen' series in the West Siberian Lowland T. I. Gurova. Dokl. AN SSSR 143 no. 2: 398-401 Mr '62.

SIBERIA, WESTERN—SOIL SURVEYS
Characteristics of the aerial photography of soils in Western Siberia [with summary in English]. M. A. Platonenko Pochvovedenie no. 2 42-50 F '62

SIBERIA, WESTERN—TECHNICAL EDUCATION
From the history of manual training and technical education in the schools of Western Siberia in the postwar years, 1945-1956. Report No. 1 Elements of manual training and technical education in teaching physics, chemistry and mathematics in the first postwar years, 1945-1952. M. G. Khitarian. Dokl. APN 5 no. 6 49-52 '61

SIBERIA, WESTERN—WOODY PLANTS—FROST RESISTANCE
Some features of frost resistance in woody plants in the forest-steppe part of Western Siberia. L. A. Sevast'-innova, A. V. Skvortsova. Trudy TSSBS no. 5 11-23 '61.

SIBERIAN PLATFORM—DIAMONDS
Quaternary diamond placers of the Siberian Platform. V. S. Trofimov, IU. V. Bulava. Trudy Kom. chetv. per. no. 26, 7-19 '61

SICILY—SOCIAL CONDITIONS
"The ten pains of death" by Gavin Maxwell. Reviewed by G. Shnitke. Nov. vrem. 20 no. 13 29-31 Mr '62.

SIGHT see Vision

SIGN OF THE CROSS see Cross, Sign of the

SIGNS AND SYMBOLS see subdivision under China

SIKHOTE-ALIN' RANGE—ROCKS, IGNEOUS
Favorskaia, M. A., and others. [Magmatic activity and metallogenic features of the Sikhote-Alin' Range and the Lake Khanka region] Magmatizm Sikhote-Alinia i Prikhankaiskogo raiona i ego metallogenicheskie osobennosti. Moskva, Izd-vo Akad. nauk SSSR, 1961. 327 p. (Akademiia nauk SSSR. Institut geologii rudnykh mestorozhdenii, petrografii, mineralogii i geokhimii. Trudy, no. 45)

SILANE

Halogenation of aromatic silanes Part 9 Photochemical chlorination of phenyldimethylchlorosilane G V Motsarev, V B. Pozerskii Zhur obshch khim 32 no 3 909-915 Mr '62

Interaction at high temperatures of alkenyl and aryl halides with triarylsilanes A D Petrov, F Fisher, Zhur obshch khim 32 no 3 698-704 Mr '62

Substitution of chlorine in α-chloromethylalkoxysilanes by residues of dithyl-, dibutyldithiophosphoric, and diphenyldithiophosphinic acids, K. V Andrianov, I F Kovenitsova Izv AN SSSR Otd khim nauk no 3 459-460 Mr '62

SILICA

Crystalline structure of a new dense silica (SiO_2) modification S M. Stishov, N V. Belov Dokl AN SSSR 143 no 4 951-954 Ap '62

Rapid method of determining the content of SiO_2 in types of glass O S Maksimova, G D Rozhkina. Stekl i ker 18 no.11 22-24 N '61

SILICA—PHYSIOLOGICAL EFFECT

Effect on the organism of artificial dust mixtures (rare metal compounds and silicon dioxide) [with summary in English] O. IA. Mogilevskaia Gig i san 26 no 9 18-24 S '61

SILICA—SPECTRA

Nuclear magnetic resonance study of water vapor adsorption on the silica gel surface V LAvlividze and others Kin i kat 3 no 1 91-98 '62

SILICA GEL

Use of silica gel in taking samples of air containing mercuriphos vapors M A Trotsenko, V P Vendt Gig truda i prof zab 4 no 1 53-54 Ja '60

SILICATES

Effect of macrocrystalline calcium oxide on the strength and structure of gas silicates B N. Vinogradov, E. P Sidorov Izv AN Turk SSR, Ser fiz -tekh , khim i geol nauk no 6 88-94 '61

Flame photometric determination of alkali metals in silicate rocks and minerals E.A Fabrikova Trudy Inst, min ,geokhim, i kristallokhim red elem no 6 118-128 '61

Interaction between cuprous sulfide and zinc-containing silicate melts D. M, Chizhikov, S S Deineka Dokl AN SSSR 143 no 2,388-390 Mr '62

Problems of modern theoretical and experimental chemistry of silicates N A Toropov Zhur neorg khim 7 no 3 452-453 Mr '62

SILICIC ACIDS

Effect of the degree of preliminary dehydration of hydrogels and of water vapor pressure in the drying process on the structure of formed xerogels of silicic acid Z Z Vysotskii, L. F. Divnich, V V. Strelko Ukr. khim zhur 28 no. 2,156-161 '62

SILICIDES

Reaction diffusion in systems Mo - Si, W - Si, and Ta - Si, L F Verkhorobin and others. Fiz. met i metalloved 13 no 1 77-81 Ja '62

SILICOFLAGELLIDAE, FOSSIL

Phylogeny of silicoflagellates. Z I Glezer Paleont zhur no 1 146-156 '62

SILICON

Phase equilibrium in the systems Ge - AlSb and Si - AlSb V M Glazov, Liu Chzhen'-tuan' Zhur neorg khim 7 no 3 592-589 Mr '62

Production of solid solutions of the Ge - Si system from the gas phase A. V Sandulova, P. S, Bogoiavlenskii, M. I. Druniuk Dokl. AN SSSR 143 no 3,610-612 Mr '62

SILICON-ALUMINUM ALLOYS see Aluminum-silicon alloys

SILICON CHLORIDES

$SiCl_4$ - $POCl_3$ - BCl_3 system L. A. Nisel'son, B A Voitovich Zhur neorg khim 7 no 2 360-363 F '62

SILICON-IRON ALLOYS see Iron-silicon alloys

SILICON-IRON-MANGANESE ALLOYS see Iron-manganese-silicon alloys

SILICON-NICKEL-COPPER ALLOYS see Copper-silicon-nickel alloys

SILICON ORGANIC COMPOUNDS

Differential thermal analysis of the heat stability of polyorganosiloxanes and polymetalloorganic siloxanes. K. A. Andrianov, I. F Manucharova. Izv AN SSSR Otd. khim nauk no 3;420-424 Mr '62.

Lel'chuk, S. L., and V. S. Tubianskaia. [Physicochemical properties of some organosilicon compounds] Fiziko-khimicheskie svoistva nekotorykh kremniiorganicheskikh soedinenii. Moskva, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1961. 38 p.

Quantitative determination of hydrogen-containing organosilicon compounds A. P. Kreshkov, V. A. Bork, I A. Shvyrkova, Zav lab. 28 no 2:151-154 '62.

Synthesis and transformations of α,ω-dicyanoalkyltetramethyldisiloxanes. A. D. Petrov, V. M. Vdovin, R. Sultanov. Dokl. AN SSSR 143 no. 3;606-609 Mr '62.

Synthesis and transformations of unsaturated organosilicon compounds Report No 3 Interaction of tertiary γ-siliconacetylenic alcohols with concentrated hydrochloric acid and thionyl chloride M F Shostakovskii and others Izv AN SSSR Otd khim nauk no 3 510-512 Mr '62

Synthesis and transformations of unsaturated organosilicon compounds Report No 4 Synthesis and some transformations of organosilicon diacetylenic alcohols having isolated triple bonds M F Shostakovskii and others Izv AN SSSR Otd khim. nauk no 3 512-515 Mr '62

Synthesis of certain organosilicon monomers with a phosphorus-containing functional group E F Bugerenko, E A Chernyshev, A D Petrov Dokl AN SSSR 143 no 4 840-843 Ap '62

Synthesis of linear polytriethylsiloxyalumino- and polytriethylsiloxytitanodimethylsiloxanes [with summary in English]. Z N, Nudel'man, K, A Andrianov, G. B, Kudriavitskaia Vysokom. soed. 4 no 3:440-447 Mr '62

Synthesis of polyorganosiloxane oligomers containing malonate end groups K A Andrianov, A. A Zhdanov, E. A Kashutina. Izv AN SSSR Otd khim. nauk no 3 454-456 Mr '62

SILICON ORGANIC COMPOUNDS—SPECTRA

Temperature effect on the infrared spectra of silicon organic compounds. Part 2. Liquid hexaethyldisiloxane. G.G. Kirel, M. P. Lisitsa. Opt. i spektr 12 no. 3,376-380 Mr '62.

SILICOSIS see Lungs—Dust diseases

SILK MANUFACTURE see subdivision under Kiev

SILKWORMS

(see also subdivision under Tajikistan)

Data on the content of nucleic acids in silk glands of different varieties of silkworms O N Mamednazarov and others Izv AN Turk SSR Ser. biol nauk no 1 67-69 '62

Effect of DDT spraying of breeding rooms on the rearing of silkworms. E. S. Kalmykov, P IA Leviev. Shor. rab po mal i gel'min. no. 2 139-143 '59.

SILOS

Manufacturing reinforced-concrete rings for silos IA. R. Besser Bet. i zhel -bet 8 no 3 130-131 Mr '62.

SILOXANES

Synthesis and polymerization of α- and β-cynno derivatives of dimethylcyclosiloxanes [with summary in English]. K A, Andrianov, Lora M Volkova, N. V Sokolova Vysokom soed. 4 no. 3;403-408 Mr '62.

SILT see subdivision under Bystraya River; Kazakhstan; Sivash

SILUMIN

Effect of aluminum and silumin on the properties of zinc coatings. A K Riabov Ukr. khim zhur 28 no. 2 260-262 '62

SILVER

Fermi surface in silver [with summary in English], N. E. Alekseevskii, IU P. Gaidukov. Zhur. eksp. i teor. fiz. 42 no. 1;69-74 Ja '62.

SILVER—ELECTROMETALLURGY

Precipitation of gold and silver by anionites from cyanide pulps A I Sinel'nikova, A IU Boilin Shor. nauch trud GINTSVETMET no 33 98-106 '60

SILVER—METALLURGY

Dissolving gold and silver in thiourea solutions, I N Plaksin, M A. Kozhukhova Shor. nauch. trud. GINTSVETMET no 33:117-119 '60

SILVER FOX

Possibility for obtaining two sets of silver fox cubs, in February and in June. G. A. Kuznetsov Nauch trudy Nauch -issl inst. push zver i krol 5 71-94 '60

SILVER HALIDES

Stability of mixed silver halides in solutions IA. D Fridman, Dzh S. Sarbaev, R. A. Veresova. Zhur. neorg. khim. 7 no. 2 305-311 F '62.

SILVER HALIDES—SPECTRA

Nature of the fine structure in the absorption spectrum of silver halides. E. A. Kirillov. Zhur. nauch. i prikl. fot. i kin 7 no. 1 70-76 Ja-F '62.

SILVER IN THE BODY

Role of argyrophilic fibers in reparative osteogenesis following partial extirpation of the cerebral cortex [with summary in English] M. B. Rappoport Biul. eksp. biol i med 53 no 2:115-117 F '62.

SIMFEROPOL—DESCRIPTION

Uspenskaia, V. V. [Simferopol; history and regional study] Simferopol'; istoriko-kraevedcheskii ocherk. Simferopol', Krymizdat, 1961. 196 p.

SIMFEROPOL—HISTORY

Uspenskaia, V. V. [Simferopol; history and regional study] Simferopol'; istoriko-kraevedcheskii ocherk. Simferopol', Krymizdat, 1961. 196 p.

SIMMENTHAL CATTLE

Cross-breeding Buryat and Simmenthal cattle [in the khrakhirs. Trudy BKNII no. 1 111-118 '60

SINGING—INSTRUCTION AND STUDY

Short survey of methodological literature [on vocal] L. G. Menabeni Nauch. -metod. zap. Ural. gos. kons. no. 1 101-117 '61

Significance of artistic vocal music for the training [of] singer's voice O. I. Egorova. Nauch. -metod. zap. Ural. gos. kons. no. 1 129-141 '61.

Significance of ethics in the training of a singer M. P. Pugachenkova Nauch. -metod. zap. Ural. gos. kons. no. 1 87-99 '61.

SINGING—STUDIES AND EXERCISES

Collection of vocal exercises Nauch. -metod. zap. Ural gos. kons no. 1 155-168 '61

Singing process as influenced by some voluntary facial movements. F. I. Obraztsovskaia. Nauch. -metod. zap. Ural gos. kons no. 1 143-154 '61

SINTERING

(see also subdivision under Abagur)

Composition of the gaseous phase during the [sintering] magnetite concentrates. V IA. Miller, A. V [illegible] G. M Matzel' Obog i brad 7 no 1 29-34 '62

Nodulizing the products of the direct production [of] I I Rovenskii, A. V Martin Obog. i brad [illegible] '62

SINTERING—EQUIPMENT AND SUPPLIES

"Mechanical equipment of sintering plants" by L I Neshcheret. Reviewed by D. P. Pal'tykin. Metall [illegible] no 2;11-16 F '62.

Quality of assembling sintering machines and means to prove it III. V. Makarov Metallurg 7 [illegible] '62

SINUSITIS

Inflammation of the accessory sinuses of the [illegible] complications of this condition. A. E. Vartanyan. Med sestra 21 no 2 29-31 F '62.

SITDYKOV, NAZIB KHALIKOVICH, 1900-1961

Assistant professor Nazib Khalikovich Sitdykov [illegible] A. A. Aldarov Kaz. med. zhur. no. 5;87 [illegible]

SIVASH—SILT

Characteristics of carbonate accumulation in the [illegible] silts. M. F. Stashchuk. Dokl. AN SSSR 141 [illegible] 427-429 Mr '62.

SKACHKOV, PETR EMEL'IANOVICH, 1892-

Petr Emel'ianovich Skachkov. V. S. Miasnikov [illegible] Azii i Afr. no 1,219-221 '62

SKARSKAIA, NADEZHDA FEDOROVNA

Skarskaia, N. F., and P. P. Galdchun ov. [On the [illegible] in life; pages of an autobiography] Na stranitsy avtobiografii. Moskva, Gos. [illegible] 1959. 306 p.

(ICU)

SKATES (FISHES) see subdivision under Barents Sea

SKATING

Complexity of jumps in figure skating G. K. [illegible] Teor i prak fiz. kul't 25 no 1 63-66 Ja '62.

Heroes of ice tracks. Smena 39 no. 0;32 Mr '62.

Nevskii, IU. G. [Learn to dance on skates, teach [illegible] dances on the ice] Uchites' tantsevat' na kon'kakh [illegible] desiat' prostykh tantsev na l'du. Moskva, Izd-vo "Fizkul'tura i sport," 1961. 55 p.

Petrov, N. I. [Skating] Kon'kobezhnyi sport. Moskva, Izd-vo "Fizkul'tura i sport," 1961. 307 p.

Please don't fall. M. Iskrin. V mire knig 2 [illegible] F '62.

Stepanenko, E. P. [Skating; a beginner's textbook [for] physical-training groups] Kon'kobezhnyi sport, [illegible] posobie dlia sektsii kollektivov fizicheskoi kul'tury (dlia zaniatii s nachinaiushchimi). 2. izd. Moskva, Izd-vo "Fizkul'tura i sport," 1961. 170 p. (V [illegible] instruktoru obshchestvenniku)

Winter triumphs. A. Vit. Sov. Soiuz no. 3;51-55 '62.

SKATING—COMPETITIONS see subdivision under Moscow

SKI TROOPS

Skis are a soldier's weapons also. A. Pekhterev. Starsh. -serzh. no. 12;11 D '61.

SKIN

Autoradiographic study of skin epithelium in tissue cultures by F. M. Lazarenko's method [with summary in English]. L. I. Chekulaeva. Arkh. anat. gistol. i [illegible] 41 no. 12;57-63 D '61.

Method for studying the effect of medicinal ointments, cleansing preparations and cosmetics on skin [illegible] in guinea pigs. E. A. Ievleva. Vest. derm. i ven [illegible] 83-85 '62.

Skin hydrophilic test in hyperergic inflammations [illegible] experiment on rabbits. M. E. Agrinskii. Pat. fiziol. i eksp. terap. 6 no. 1;83-84 Ja-F '62.

Skin reactions to shale oils (Experimental study) [with summary in English]. Kh. T Vakhter. Vest. derm. i ven. no. 3;37-42 '62.

SKIN—ABNORMITIES AND DEFORMITIES

Congenital anomalies in the development of the integument [with summary in English]. S.IA. Golosovker. Vop. okh. mat. i det. 7 no. 1 46-50 Ja '62.

SKIN—BLOOD SUPPLY

Dermovascular reactions in newborn infants. S.D. Dombek. Vop. okh. mat. i det. 7 no. 1 56-60 Ja '62.

SKIN—CALCIFICATION

Clinical aspects of disseminated calcinosis of the skin. A. V. Bogatyreva. Vest derm i ven. no 3, 80-83 '62

SKIN—CARE AND HYGIENE

Biological "gloves." E. V. Olenicheva Fel'd i akush 27 no 2 37-38 F '62.

Bochkareva, E.A. [Care of the facial skin] Ukhod za kozhoi litsa. Alma-Ata, Kazakhskoe Gos. Izd-vo, 1961. 69 p.

Skin hygiene. G S Zel'din Med. sestra 21 no 2 53-55 F '62

Why blue spots appear on the skin. G. Dubrov. Sel'. mekh no. 1:25 '62.

SKIN—DISEASES
(see also subdivision under Temir-Tau, Karaganda Province)

Age distribution of patients with dermatoses [with summary in English] A. IA. Bratlovskii Vest. derm. i ven no 3:8-14 '62.

Case of pustulosis vacciniformis in a 7-month-old child. P. M. Silnev. Vop. okh. mat. i det. 7 no. 1, 94-95 Ja '62.

Causes of dermatoses in subjects working with rubber and resins [with summary in English]. K. A. Lopukhova Vest. derm. i ven no 3, 47-51 '62

Chen-shiu therapy of some skin diseases. G. Z. Mukhamedtarov. Kaz. med. zhur. no. 1:54-56 Ja-F '62.

Cold agglutinins and cryoglobulins in dermatoses related to the effect of cold [with summary in English]. P. Mikhailov, N. Berova. Vest. derm. i ven. no 3:14-18 '62.

Cytodiagnosis of some dermatoses [with summary in English] K. A. Telegina Vest derm. i ven no 3:33-37 '62.

Golosovker, S. IA. [Skin diseases in children] Kozhnye zabolevaniia detskogo vozrasta. [Leningrad] Medgiz, 1960. 44 p. (Nauchno-populiarnaia meditsinskain literatura) (DNLM)

Industrial dermatitis caused by Schizandra chinensis tincture. A A. Galinkin Gig. truda i prof zab 5 no 6 47 Je '61.

Multiple abscesses of the skin in children. S. IA. Golosovker. Vop. okh. mat. i det. 7 no. 2, 42-44 F '62.

Organizing the control of occupational dermatitis in glass wool production. O. A. Kiselev. Gig. truda i prof. zab. 4 no. 11:50-51 N '60.

Prognostic significance of complement titer in the blood serum in pyodermas. V. S. Krylova Kaz. med zhur. no. 5:74 S-O '61.

Pyodermia in the neonatal period IA E. Atlas. Med sestra 21 no. 3:18-21 Mr '62.

Sidaravicius, Bronius. [Occupational dermatoses] Profesines dermatozes. Vilnius, Valstybine polines ir moksliines literaturos leidykla, 1961. 74 p. (Gydytojo bibliioteka) [In Lithuanian] (DNLM)

Study of the protein fractions in the blood serum in radiation dermatitis. A. T. Sosnovskii. Zdrav. Bel. 8 no. 1 54-55 Ja '62.

Unusual localization of dermatosis bullosa. R. Kh. Shamsutdinova. Kaz. med. zhur. no. 5:69-70 S-O '61.

"Vitreous body" in some skin diseases. K. M. Izhevskii. Vest. derm. i ven no. 3:51-54 '62.

SKIN—INFLAMMATION

Case of toxicodermatitis caused by urotropine in the treatment of trichomonal colpitis. M. K. Manukian. Fel'd. i akush. 27 no. 1:53-54 Ja '62.

SKIN—INNERVATION

Nerve structures in granulating tissues of skin wounds [with summary in English]. G. I. Grushkun. Arkh. pat. no. 3:53-60 '62.

SKIN—RADIOGRAPHY

Sensitivity of skin chromatophores to ionizing radiations [with summary in English] R. I. Pogosian. Biul. eksp. biol. i med. 53 no. 2:82-84 F '62.

SKIN—TRANSPLANTATION

Dermatome for taking elongated skin grafts. N. E. Povetiianoi. Ortop., travm. i protez. no 2:55-56 '62.

Strengthening intestinal sutures with free skin transplantation in extra-abdominal closure of intestinal fistulae by the Mulgaigne-Panas method [with summary in English]. P. D. Kolchenogov. Vest. khir no 9:78-81 '61.

Treatment of nonhealing ulcers of the lower extremities with skin transplantation. Z. P. Lubegina. Vest. khir. no. 3:81-84 '62.

SKIN—WOUNDS AND INJURIES

New agent for treating minor skin injuries. V. T. Chaikovskii. Fel'd. i akush. 27 no 2:38-40 F '62.

Sanitation of minor occupational skin wounds. M. A. Teitel'man. Med. sestra 21 no. 1:39-41 Ja '62.

Stages in the post-traumatic regeneration of the skin in lower and higher vertebrates; comparative histological analysis [with summary in English] V. V Raivid Arkh anat. gist. i embr. 41 no 12 64-71 D '61.

SKIN DIVING see Diving, Submarine

SKIS AND SKIING
(see also subdivision under Zakopane, Poland)

Comparative study of the efficiency of two variants of an initial training method in slalom L F Egupov Teor i prak fiz kul't 25 no 1 35-37 Ja '62

Evaluation of the technique exhibited in ski-jumping competitions V A Voronov Teor i prak fiz kul't 25 no 1 60-61 Ja '62

Methodology of the use of visual training aids in skiing courses for beginners K K Kops Teor i prak fiz kul't 25 no 1 61-63 Ja '62

Skis, rucksack and song. V. Rogal'skii, photos by V Gippenreiter. Zdorov'e 8 no 1 24 Ja '62.

SKUJINS, ZIGMUNDS

"The grandchildren of Columbus" by Zigmunds Skujins. Reviewed by A. Gromova. Novyi mir 38 no. 3:257-260 Mr '62.

SKULL

Characteristics of the clinical syndromes of neurinomas of the acoustic nerve in relation to the shape of the skull [with summary in English] A S. Gabrielian Vop neirokhir. no 2:27-30 '62.

SKULL—WOUNDS AND INJURIES

Aleksandrov, N. N., and others. [Wounds of the skull and brain in acute radiation sickness] Ranenila cherepa i golovnogo mozga pri ostroi luchevoi bolezni. Pod red. V. N. Shamova. [Leningrad] Medgiz, 1962. 174 p. (DNLM)

Matveeva, A. I. [Replacement of skull defects with regenerating bone, the destruction method] Zameshchenie defektov cherepa regenerirulushchei kost'iu; metod destruktsii. Moskva, Izd-vo Akad nauk SSSR, 1962. 136 p. illus. (DNLM)

Some characteristics of the course of peptic ulcer in patients after closed cranial trauma I I Konovalov. Vrach. delo no. 8 140-141 Ag '61

SLAG

Determining water activity in slag by electrochemical methods. L. N. Barmin, O. A Esin, S. K Chuchmarev. Trudy Ural. politekh inst no. 93 28-36 '59

Effect of slag basicity on its penetrability to gas S K. Chuchmarev, L. N. Barmin Trudy Ural politekh inst. no. 93 39-43 '59

Electrochemical properties and the structure of molten slag O A. Esin. Trudy Ural politekh inst no 93 5-27 '59

Slag-forming capacity of the ash fraction of oil shales E. S. Bezmozgin, V M. Anisimova. Trudy VNIIT no 10 160-165 '61

Viscosity of the molten system CaO - MnO SiO_2. Sh. M. Mikiashvili, A. IU. Arsenishvili, A. G. Bukhrashvili. Soob. AN Gruz. SSR 27 no. 3:313-320 S '61.

SLAG—ANALYSIS

Effect of slag composition on the quality of high manganese steel castings. I. I. Raev, I. B. Kharaz. Lit. proizv no 3, 8-10 Mr '62.

SLAG—ELECTRIC PROPERTIES

Electrochemical properties of cupola slags. A. A. Chechulin. Lit. proizv. no 3:28-31 Mr '62.

Semiconductor properties of slags P. M. Shurygin Trudy Ural. politekh. inst. no. 93 84-91 '59.

SLAG—MAGNETIC PROPERTIES

Magnetic properties of slags. P. M. Shurygin. Trudy Ural politekh. inst no 93 92-99 '59.

SLASH (LOGGING) see subdivision under Latvia

SLAVERY see subdivision under China; India

SLAVGOROD—FACTORY LIBRARIES

Your communal occupation L. Vikhotskii Sov. profsoiuzy 18 no 3 33 F '62.

SLAVIANOV, NIKOLAI NIKOLAEVICH, 1878-1958

Gordeev, D. I. [Nikolai Nikolaevich Slavianov; his life and work] Nikolai Nikolaevich Slavianov, zhizn' i deiatel'nost'. Moskva, Izd-vo Akad. nauk SSSR, 1962. 135 p. (Akademiia nauk SSSR, Laboratoriia gidrogeologicheskikh problem. Trudy, vol. 43)

SLAVIC FOLKLORE see Folklore, Slavic

SLAVNIN, ALEKSANDR IPPOLITOVICH, 1900-1960

In memory of Aleksandr Ippolitovich Slavnin, obituary. Med. zhur. Uzb. no. 4:76 Ap '60.

SLEEP

Selectivity in the extinction of the orientation reflex to sound stimuli in dogs during natural and nembutal sleep [with summary in English]. M. M. Karimova Zhur. vys. nerv deiat 11 no. 6 1065-1073 N-D '61.

Some immunological indices in children who sleep out of doors during the fall-winter season O I Smirnova. Med. zhur. Uzb. no. 1, 81 Ja '62.

SLEEP THERAPY

Compound treatment of rheumatic chorea [with summary in French] E I Minakova Zhur nevr. i psikh. 61 no 8 1136-1142 '61

SLIDE RULE

Extracting roots on a slide rule without a logarythmic scale A Khadzhi, Nauka i zhizn' 29 no. 1 102-104 Ja '62

Slide rule for determining the weight and length of tubes and solid blanks IU. V. Tishinskii. Metallurg 7 no 2: 35 F '62.

SLOPES (PHYSICAL GEOGRAPHY)
(see also subdivision under Volga Valley)

Seepage resistance of sandy banks and slopes V. V. Aristovs'kyi. Visti Inst gidrol i gidr AN URSR 18 76-81 '61

SLOVAK NAMES see Names, Slovak

SLUICE GATES

Hydraulic investigation of rooflike gates of river dams M. M Bilitashevs'kyi Visti Inst gidrol i gidr. AN URSR 18 24-37 '61

SMALLPOX

Comparative study of Soviet and foreign smallpox vaccines [with summary in English]. S.S. Marennikova, E.B. Gurvich, Z.I. Ogorodnikova. Vop. virus. 7 no 1 62-66 Ja-F '62.

Effect of ionizing radiation on the immunity to smallpox vaccine. IU. B. Fedorova. Vop. virus. 7 no. 1 120-121 Ja-F '62.

Effect of ionizing radiation on the susceptability of animals to smallpox vaccine virus. IU. B. Fedorova. Vop virus 7 no. 1:120- Ja-F '62.

SMALLPOX—PREVENTION
(see also subdivision under Iraq)

Antiepidemic measures for eradicating a focus of smallpox [with summary in English] T E Boldyrev and others Zhur. mikrobiol., epid i immun. 33 no 2: 116-119 F '62.

SMELTING FURNACES

Electric power regulator for electric smelting furnaces. V. S. Lerner, IU. N. Machil'skii. Avtom. i prib. no. 1 64-66 Ja-Mr '62.

Studying service conditions and type of wear of refractories in a 15-ton rotary steel smelting furnace M. M. Dvorkind and others. Ogneupory 27 no. 3:134-140 '62

SMELTING FURNACES—MAINTENANCE AND REPAIR

New method of daubing steel-smelting furnace hearths. B P Okhrimovich and others. Ogneupory 27 no. 2 81-85 '62.

SMETANA, BEDRICH, 1824-1884

Bedrich Smetana, 1824-1884. E. B. Nesterova. Nauch.-metod. zap. Ural. gos. kons. no. 4, 235-248 '61.

SMIDTS, ALEKSANDRS, 1892—BIBLIOGRAPHY see Bibliography—Smidts, Aleksandrs, 1892-

SMIRNOV-SOKOL'SKII, NIKOLAI PAVLOVICH, 1898-1962

Nikolai Pavlovich Smirnov-Sokol'skii, 1898-1962. V. Lidin. V mire knig 2 no. 2:48 F '62.

SMOKED FISH see Fish, Smoked

SMOLENSK—SHOW WINDOWS

Smolensk show windows. Sov. knizh. torg. 14 no. 3:20 Mr '62.

SMOLENSK PROVINCE—FOREST MANAGEMENT

We are improving Smolensk Province forests V. D Novosel'tsev. Les khoz. 15 no 2 79-80 F '62

SMOLENSK PROVINCE—GOITER

Some problems of water supply in Smolensk Province as related to the incidence of endemic goiter E B Demko, F. V. Lakhturova. Gig. i san. 26 no. 9:82 S '61.

SMOLENSK PROVINCE—WATER SUPPLY

Some problems of water supply in Smolensk Province as related to the incidence of endemic goiter. E B Demko, F. V. Lakhturova. Gig. i san. 26 no. 9:82 S '61.

SMUGGLING

Gold fever. Nov. vrem. 20 no. 14:27-28 Ap '62.

Interpretation of smuggling in Soviet criminal law as well as in Soviet laws governing the imposition and collection of customs duties. A. A. Fesenev. Izv. vys ucheb. zav., prav. 6 no. 1:81-92 '62.

SMUTS

Breeding wheat for the resistance to loose smut. I. P. Ryzhei. Trudy KirgNIIZ no. 3:12-17 '60.

SNAKES see subdivision under Kamyzyak region

SNOW
(see also subdivision under Antarctic regions, Elbrus region; Transcaucasia)

Snow evaporators. M. I. Iveronova. Trudy Tbil. NIGMI no. 9 185-190 '61.

SNOW FENCES
Machine for erecting snow fences with wide gaps. V. K. Savinykh, V. A. Khokhlov. Avt. dor. 25 no. 3:3 of cover Mr '62.
Mystery of a snowstorm. S. Efimov. Nauka i zhizn' 29 no. 1:66-68 Ja '62.

SNOW LINE see subdivision under Tseya Glacier

SNOW PLOWS
There is a snowplow on a cross-country route. P. Belenev. Starsh. serzh. no. 12:19 D '61.

SNOW REMOVAL
Getting an airfield ready. V. Radkevich. Starsh. serzh. no. 12:14 D '61.

SNOW SURVEYS see subdivision under Angren Valley, Azerbaijan, Daghestan, Georgia, Kzylcha Valley

SNYATYN DISTRICT—DAIRYING
Leliuk, H. S. [On the initiative of M. Kh. Savchenko] Za pochynom M. Kh. Savchenko. Kyiv, Derzh. vyd-vo sil's'kohospodars'koi lit-ry URSR, 1961. 25 p. (DA)

SOAKING PITS see Furnaces, Heating

SOCCER
Brief comments on soccer. N. Starostin. Sel'. mekh. no. 1:45-46 '62.
Bulusov, M. P. [Soccer in the U. S. S. R.] Futbol v SSSR. Leningrad, Ob-vo po raspr. polit. i nauchn. znanii RSFSR, 1961. 65 p.
Chile, forecasts and hopes. M. Merzhanov. Sov. Soiuz no. 4:50-53 '62.
Important events in association football. M. Mykhailov. Ukraina no. 6:29 Mr '62.
A soccer marathon is beginning. A. Paramonov. Sov. voin. 44 no. 7:30-32 Ap '62.
Soccer starts! Mikhail Aleksandrov. Ogonek 40 no. 14:30-31 Ap '62.
Sushkov, M. P. [Soccer; manual for section of physical education groups (exercises for beginners)] Futbol; uchebnoe posobie dlia sektsii kollektivov fizicheskoi kul'tury (dlia zaniatii s nachinaiushchimi). 5., perer. i dop. izd. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1961. 235 p. (V pomoshch' instruktoru-obshchestvenniku)
Vit, A. IA., and V. G. Vladimirov. [Soccer abroad, 1960] Futbol za rubezhom, 1960 g. Moskva, Izd-vo "Fizkul'tura i sport," 1961. 238 p.
Voinov, IU. N. [On soccer fields, a sportsman's notes] Na futbol'nykh maridianakh, zapiski sportsmena. Kyiv, Vyd-vo TsK LKSMU "Molod'," 1961. 191 p.

SOCIAL CLASSES
(see also subdivision under States, New)
A letter to the editor. Z. I. IAmpol'skii. Vest. drev. ist. no. 1:200-201 '62.

SOCIAL CONDITIONS
Comments on the importance of social conditions in the problem of longevity. A. N. Sverchkov. Sov. zdrav. 21 no. 3:47-48 '62.

SOCIAL CONFLICT see subdivision under Czechoslovakia, Rome

SOCIAL GROUP WORK
How to win the hearts of young people. IU. Kharlamov. Mol. komm. no. 4:112-116 Ap '62.
Our youth should participate in cultural work and sports activities. V. Smirnov, M. Zaitsev. Mol. komm. no. 3:53-58 Mr '62.

SOCIAL GROUP WORK—PERIODICALS
For the creative coverage of crative work. N. Shibik. Komm. Ukr. 37 no. 3:93-96 Mr '62.

SOCIAL INSURANCE see Insurance, Social

SOCIAL PROBLEMS
How we struggle against antisocial groups. P. P. Lukanov. Sov. gos. i pravo 32 no. 3:133-135 Mr '62.
They were sentenced by the Soviet public. A. Nikitina. Sov. deput. trud. no. 3:67-68 Mr '62.

SOCIAL PSYCHOLOGY
Kriazhev, P. E. [Society and personality]-Obshchestvo i lichnost'. Moskva, Gos. izd-vo polit. lit-ry, 1961. 92 p.

SOCIAL SCIENCE RESEARCH see subdivision under Kazakhstan

SOCIAL SCIENCES
Program of the CPSU and some features of the development of the objective world [with summary in English]. V. I. Sviderskii. Vest. LGU no. 5:60-74 '62.
Results and objectives of research in the Department of Social Sciences of the Academy of Sciences of the Uzbek S. S. R. Obshchestv. nauki v Uz. 6 no. 1-5:10 '62.

SOCIAL SCIENCES—BIBLIOGRAPHY see Bibliography—Social sciences

SOCIAL SCIENCES—STUDY AND TEACHING
All-Union Congress of the Heads of Social Science Departments at the Institutions of Higher Learning. D. I. Chesnokov and others. Vest. vys. shkoly 20 no. 2:11-34 F '62.
Urgent task of the institutions of higher learning is to raise the quality of teaching the social sciences. Vest. vys. shkoly 20 no. 2:3-10 F '62.

SOCIALISM
Levitin, S. A. [Complete and final victory of socialism in the U. S. S. R., the triumph of Leninism] Polnaia i okonchatel'naia pobeda sotsializma v SSSR - triumf leninizma. Moskva, Sovetskii Rossiia, 1960. 94 p. (CSt-H)

SOCIALIST COMPETITION
(see also subdivision under Czechoslovakia; Latvia, Leningrad Economic region)
Competition of machine accounting centers of the State Bank branches. A. Ivanchenko. Den. i kred. 20 no. 3:49-53 Mr '62.
For the skillful and effective guidance of socialist competition. E. Kukel'. Komm. Vooruzh. Sil 2 no. 2:33-37 Ja '62.
Markon, A., and A. Leites. [Enterprise of communist labor. Translated from the Latvian] Predpriiatie kommunisticheskogo truda. Riga, Latviiskoe gos. izd-vo, 1961. 64 p. (Po dorogam semiletki)
Nezym, IU. S. [Struggle for a high title] U borot'bi za vysoke zvannia. Kyiv, Derzh. vyd-vo tekhn. lit-ry URSR, 1961. 22 p.
Our "Beacon Light" evening gatherings. V. Moroziuk. Nar. tvorch. ta etn. 5 no. 1:153-154 O-D '61.
Our IUrii Gagarin. L. Fisher. Sov. profsoiuzy 18 no. 7:9 Ap '62.
Production and distribution. A. Petrov. Mol. komm. no. 3:75-78 Mr '62.
Shchipko, L. M. [Miner Evgen Skliarov] Prokhidnyk IEvhen Skliarov. Kyiv, Derzh. vyd-vo tekhn. lit-ry URSR, 1961. 16 p. (Udarnyky semyrichky)
Toward new achievements. Sov. shakht. 11 no. 4:2-3 Ap '62.
Up the hill. E. Kalverse. Sov. profsoiuzy 18 no. 6:28 Mr '62.
Work practices of the brigades of communist labor in the "Trekhgornaia Factory" named after F. E. Dzerzhinskii. L. S. Bunakov, I. V. Kosolapov. Izv. vys. ucheb. zav., tekh. tekst. prom. no. 1:3-10 '62.
Worker takes a pledge. A. Kon'kov. Sov. profsoiuzy 18 no. 6:26-28 Mr '62.

SOCIALIST PARTIES
A declaration of political bankrupts. Kh. Momdzhian. Kommunist 39 no. 7:105-116 My '62.

SOCIALIST PROPERTY
Collective farms as a means of the communist education of Soviet peasants [with summary in English]. E. A. Chernov. Vest. LGU no. 5:75-85 '62.
The development of socialist property during the large-scale building of communism. D. Rosin. Komm. Ukr. 37 no. 3:31-40 Mr '62.

SOCIALIST REALISM
Kostenko, A. Z. [Typification in the literatures of socialist realism] Typizatsiia v literaturi sotsialistichnoho realizmu. Kyiv, Radians'kyi pys'mennyk, 1962. 372 p.

SOCIETY AND ART see Art and society

SOCKEYE SALMON see subdivision under Pacific Ocean

SODA INDUSTRY
Present state of the soda industry in the U. S. S. R. and ways of developing it. M. I. Rabinovich. Zhur. VKHO 7 no. 1:35-38 '62.

SODIUM
Gasometric and gravimetric methods for determining oxygen in sodium and their use for analyzing the contents of oxide traps. F. A. Kozlov. Atom. energ. 12 no. 4:332-333 Ap '62.

SODIUM—ANALYSIS
Determination of potassium, sodium, and their sum by the method of derivative polarography. V. D. Skobets, I. L. Abarbarchuk, E. M. Skobets. Ukr. khim. zhur. 28 no. 2:251-259 '62.
Determination of sodium in aluminum alloys by the spectral method. V. V. Gusarskii, N. I. Tarasevich. Zav. lab. 28 no. 2:183-184 '62.

SODIUM ALGINATE
Extending the storage time of slightly salted herring packed in boxes. L. A. Liubavina. Ryb. khoz. 37 no. 10:59-61 '61.

SODIUM BROMIDE
Hematological and pathomorphological changes in mice from the highly-leukemic line Afb under the influence of sodium bromide. E. B. Aslamazova. Probl. gemat. i perel. krovi no. 3:44-47 '62.

SODIUM BROMIDE—PHYSIOLOGICAL EFFECT
Effect of sodium bromide and caffeine on the disinhibition phase of tones of inhibition [with summary in English]. M. K. [illegible] nervy deiat. 11 no. 6:1053-1058. N '61.

SODIUM CARBONATE
Formation of soda as a result of sulfate [illegible]. S. A. Durov, N. O. Petrova, [illegible]. SSSR 143 no. 4:849-851 Ap '62.
Interaction of sodium carbonate with sulfur [illegible] fluidized bed. T. I. Kunin, V. [illegible]. ucheb. zav., khim. i khim. tekh. [illegible].
Solubility in the system Na_2CO_3 - Na_2SO_4 [illegible] and 50°. D. M. Korf, L. N. Alyamova. Zhur. [illegible]. 7 no. 3:696-698 My '62.

SODIUM CHLOROPLATINATE
Interaction of sodium chloroplatinate with [illegible]. N. K. Pshenitsyn, I. V. Prokof'eva. [illegible]. 7 no. 2:258-260 F '62.

SODIUM HYDRIDE
Effect of sodium hydride on ethyl aluminum [illegible] dibromide. I. I. Zakharkin, V. V. Gavrilenko, Izv. AN SSSR Otd. khim. nauk [illegible] '62.

SODIUM IN THE BODY
Comparative evaluation of the results of [illegible] content of sodium and potassium in the [illegible] blood and erythrocytes in some internal [illegible]. N. A. Ardamatskii and others. [illegible]. 81-85 '62.

SODIUM LACTATE
Effect of sodium lactate solutions on [illegible] [with summary in English]. I. I. Lebedinskii, [illegible] horova. Fiziol. zhur. (Ukr.) 7 no. [illegible].

SODIUM NITROCOBALTATE
Reaction of sodium nitrocobaltate with [illegible]. Babaeva, I. B. Baranovskii, G. [illegible]. SSSR 143 no. 3:587-589 Mr '62.

SODIUM SALTS
Study of the system NaCl - [illegible]. E. A. Rashkovskaia, T. V. Mo[illegible]. Ukr. khim. zhur. 28 no. 2:162-167 '62.

SODIUM SELENATES
Heat of formation of sodium selenate [illegible]. Selivanova, T. A. Sazykina. Zhur. [illegible]. no. 3:536-539 Mr '62.
Solubility in the system Na_2CO_3 - Na_2SO_4 [illegible] and 50°. D. M. Korf, L. N. Alyamova. [illegible]. 7 no. 3:696-698 Mr '62.

SODIUM THIOSTANNATE
Sodium thiostannates. N. N. Sevrikuk. [illegible]. GINTSVETMET no. 33:34-42 '60.

SOIL, PODZOLIC see Podzol

SOIL BIOLOGY—BIBLIOGRAPHY see [illegible] Soil biology

SOIL CHEMISTRY
Importance of reduction processes of [illegible] tion [with summary in English]. [illegible]. vedenie no. 2:51-57 F '62.

SOIL CHEMISTRY—BIBLIOGRAPHY see [illegible] Soil chemistry

SOIL CONSERVATION
(see also subdivision under Kuban Valley [illegible])
Erosion control as a factor in attaining [illegible]. Sobolev. Les. khoz. 15 no. 1:7-8 Ja '62.
Kholup'iak, K. L. [More effective forest [illegible] erosion control] Pidvyshchennia efektyvnosti [illegible] zilnykh lisovykh nasadzhen'. Kyiv, [illegible]. Akad. sil's'kohospodars'kykh nauk, 1961. [illegible]. (DA)

SOIL FERTILITY
(see also subdivision under Azov Sea [illegible])
Effect of perennial grasses on soil fertility [illegible] yields. E. N. Alekseeva. Trudy Vses. [illegible] inst. sakh. svekly i sakh. [illegible] no. 1:[illegible].
"Field fertilization and crop rotation" [illegible] nikov. Reviewed by E. Vorotnitskii. [illegible] no. 3:19 Mr '62.

SOIL FERTILITY—BIBLIOGRAPHY see [illegible] Soil fertility

SOIL FORMATION—BIBLIOGRAPHY see [illegible] raphy—Soil formation

SOIL MECHANICS
Effect of structural characteristics [illegible] of peat. M. A. Piterman. Dokl. AN [illegible] 188 Mr '62.
Maslov, N. N. [Principles of soil mechanics [illegible] ing geology] Osnovy mekhaniki gruntov [illegible] geologii. Moskva, Nauchno-tekhn. [illegible] mobil'nogo transporta i shosseinykh [illegible] 707 p.

Maslov, N.N. [Problem of the stability and deformation of soils in the light of foreign materials at the Fourth International Conference on Soil Mechanics and Foundation Engineering] Problema ustoichivosti i deformatsii gruntov v svete zarubezhnykh materialov IV Mezhdunarodnogo kongressa po mekhanike gruntov i fundamentostroeniiu. Moskva, Gos. energ. izd-vo, 1961 195 p

Rectilinear consolidation of soil V.K Turkin Inzh zhur 2 no 1 149-159 '62

Stability of a slope under the action of a percolation flow at limiting equilibrium O IA Garlavi Inzh zhur 2 no 1 201-206 '62

SOIL MICRO-ORGANISMS
(see also subdivision under Kirghizistan; Moldavia)

Adsorption of micro-organisms by soil particles [with summary in English] D G Zviagintsev Pochvovedenie no 2 19-25 F '62

Interrelation between azotobacters and other soil micro-organisms A.K Panosian and others Izv AN Arm SSR Biol nauki 15 no 1 13-21 '62

Production of growth substances by nonsporeforming bacteria isolated from some soils of Siberia A I. Sokorenko, I. L Klevenskaia Izv Sib otd AN SSSR no. 12:92-96 '61.

SOIL MICRO-ORGANISMS—BIBLIOGRAPHY see Bibliography—Soil micro-organisms

SOIL MOISTURE
(see also subdivision under Azov Sea region; Rybinsk Reservoir region)

Apparatus for determining the surface density and moisture of soils, N. Gal'per Zemledelie 24 no 3:93-94 Mr '62

Characteristics of water balance and mineral nutrition of grapes in saline soils G Z Berezenko Trudy Nauch.-issl. inst. sad., vin. 24 83-89 '60

Effect of thermal-gradient mechanisms of the migration of soil and ground moisture, and water movements in frozen ground [with summary in English] A M Globus, Pochvovedenie no 2 7-18 F '62

Soil water balance for urban tree planting I. A. Kiot and others. Biul. inst. biol AN BSSR no 6 72-76 '61

Some results of experimental determination of water losses from the soil, N.M Zhivova, Nauch. zap. MIIVKH 19:134-143 '57.

SOIL PERCOLATION

Interaction of two levels in nonstationary percolation N. R. Vagabova Inzh zhur 2 no 1 192-195 '62

Seepage from a shallow channel, allowing for the incline of a natural stream of ground water A R TSitsishvili Trudy mat. inst AN Gruz SSR 27 159-166 '60

SOIL PHYSICS
(see also subdivision under Kamennaya Steppe)

Apparatus for determining the surface density and moisture of soils N Gal'per, Zemledelie 24 no 3 93-94 Mr '62.

Effect of thermal-gradient mechanisms of the migration of soil and ground moisture and water movements in frozen ground [with summary in English] A. M Globus Pochvovedenie no 2 7-18 F '62

Hydrophysical properties of eroded soils in the Donets Basin [with summary in English] N. K Shikula Pochvovedenie no 2 98-104 F '62

Some features of the radiation balance of sugar beet fields in the Chu Valley A. G. Toropova. Trudy KirgNIIZ no. 3,46-50 '60.

SOIL PHYSICS—BIBLIOGRAPHY see Bibliography—Soil physics

SOIL RESEARCH

Lomonosov and soil research. S. A. Aliev. Izv AN Azerb SSR, Ser. biol i med. nauk no. 11:79-81 '61.

SOIL STABILIZATION
(see also subdivision under Ukraine)

Soil preparation for tree planting on steep slopes and its effect on run-off and wash. Kh. M. Mustafaev. Izv AN Azerb. SSR, Ser. biol i med. nauk no 11:109-111 '61.

Using filter-press waste for soil stabilization L. A. Kniazuk, F. I. Khatset. Avt. dor. 25 no. 3:15-16 Mr '62.

SOIL SURVEYS see subdivision under Siberia, Western

SOIL TEMPERATURE
(see also subdivision under Amur Province)

Effect of the variability of the heat conductivity coefficient of the soil on the latter's temperature [with summary in English] V. V Shapovalov Inzh.-fiz zhur 5 no. 1 64-71 Ja '62.

Effect of thermal-gradient mechanisms of the migration of soil and ground moisture, and water movements in frozen ground [with summary in English] A. M. Globus Pochvovedenie no 2 7-18 F '62

SOILS
(see also subdivision under Armenia; Baikal Lake region; Crimea; Danube Valley; Sheshma Valley; Siberia, Eastern, Zeya-Bureya Plain)

Chemical and mineralogical composition of fractions of mechanical elements of the soil complex of the light-colored Chestnut soil subzone A D Voronin Nauch dokl. vys shkoly, biol. nauki no 1 193-199 '62

Nutrient conditions of meadow soils N I Kuznetsov Trudy KirgNIIZ no 3,79-88 '60

[Soil regions of the U. S. S. R.] Pochvennoe raionirovanie SSSR. Pod red. D. G. Vilenskogo. [Moskva] Izd-vo Mosk. univ., 1960.
Vol. 1-2.
(MH)

SOILS—ALUMINUM CONTENT

Polarographic determination of exchangeable aluminum in soils I L. Abarbanchuk, K P Kostitsyna, F M Skobets Pochvovedenie no 2 111-116 F '62

SOILS—ANALYSIS

Effect of salinity on the results of determining the specific weight of soils. S. Gaidamak and others Sbor. nauch. trud. Kaz GMI no. 19 197-198 '60.

Simplest multicelled rotator for agrochemical laboratories. V.I. Bulaev. Zemledelie 24 no. 2:83 F '62.

Use of phenolate-hypobromite reaction in agrochemical studies, determination of soil ammonia. Report No 1 O B Gasparian, O V Grigorian Izv AN Arm SSR Biol nauki 14 no. 12 111-113 D '61

SOILS—BIBLIOGRAPHY see Bibliography—Soils

SOILS—CHLORINE CONTENT

Determination of chlorine ion in cloudy and colored soil extracts [with summary in English] N K Krupskii, A. M Alekseandrova, M V Stetsenko Pochvovedenie no 2 109-113 F '62

SOILS—CLASSIFICATION see subdivision under Central Black Earth region, Soviet Far East

SOILS—LIMING see Liming of soils

SOILS—MICROBIOLOGY
(see also subdivision under Altai Mountains, Pamirs; Ukraine, Yench'uan District, Shensi Province)

Action of herbicides on soil microflora [with summary in English] S. M. Mashtakov and others. Mikrobiologiia 31 no 1 85-89 Ja-F '62

Micro-organisms as a source of vitamin accumulation in soils. N. E. Gvamichava Soob AN Gruz SSR 28 no. 2;223-226 F '62.

SOILS—NITROGEN CONTENT see subdivision under Amur Valley

SOILS—ZINC CONTENT see subdivision under Azov Sea region

SOKAL' DISTRICT—CONSTRUCTION INDUSTRY

Report of our work D. Shutova'lyi, A. Mita', Sil'. bud. 11 no. 11;3-5 N '61

SOKOLOV, BORIS PAVLOVICH

Academician of the soil Mark Popovskii Nauka i zhizn' 29 no 2 34-37 F '62

SOLAR RADIATION
(see also subdivision under Ladoga, Lake)

Effect of solar radiation on the temperature of the earth's crust. N. M Frolov. Dokl AN SSSR 143 no. 4 935-938 Ap '62

Solar radio emission on the 8 mm. wavelength [with summary in English] A. E. Salomonovich Astron. zhur 39 no 2;260-269 Mr-Ap '62

Use of the EPP-09 automatic electronic potentiometer in recording the radiation flux A IA. Myl'nikova. Sbor. rab. Tsim. gidromet. obser no 2 36-42 '61.

SOLAR SPECTRUM see Spectrum, Solar

SOLDER AND SOLDERING

Impulse soldering iron V. A. Sulin Nauka i zhizn' 29 no 2 96-97 F '62

SOLDIERS

Fellow from Chirchik. N. Ekubov. Uzbekiston 21 no. 2 12 F '62.

Relay race S. Ulidoshev. Uzbekiston 21 no. 2,13 F '62.

SOLDIERS—EDUCATION, NONMILITARY

The schools of mass work F Podoprigora. Komm Vooruzh sil 2 no. 7 74 Ap '62.

SOLDIERS—SONGS AND MUSIC

In the footsteps of a song. L. Seregina. Sov. voin 44 no. 7:44-45 Ap '62.

SOLID SOLUTIONS see Solutions, Solid

SOLIDIFICATION

Directional properties and solidification characteristics of variously shaped ingots S IA. Skobio Stal' 22 no 3 219-223 Mr '62

SOLIDS

Determining the elasticity limit of real solids. R. I. Garber, T. T. Mogil'nikova Fiz. met. i metalloved 13 no. 2,314-316 '62

Factors influencing the surface activity of solids J A Hedvall Kin. i kat 3 no 1 3-12 '62

Radical recombination in solid organic substances Part 1 Investigation by the defreezing method V. K. Ermolaev, IU. N. Molin, N IA. Buben Kin. i kat. 3 no 1 58-64 '62

SOLIDS—DENSITY—MEASUREMENT

Measuring the density of solid bodies with a gradient tube M IA Kats Prib. i tekh. eksp 7 no 1 178-181 Ja-F '62

SOLOV'EV, ZINOVII PETROVICH, 1876-1928

Z. P. Solov'ev, on the 85th anniversary of his birth B. D. Petrov Sov. zdrav 21 no 3,84-88 '62

SOLOV'EVA, TAT'IANA IVANOVNA

Tat'iana Ivanovna Solov'eva Med. sestra 21 no 3 57 Mr '62

SOLSKI, LUDWIK, 1855-1954

Solski, Ludwik. [Reminiscences. Translated from the Polish] Vospominaniia. Zapis' Al'freda Voitsitskogo. Moskva, Gos. izd-vo "Iskusstvo," 1961. 587 p.

SOLUBILITY

Determining the solubility product for thorium tetrafluoride N S Nikolaev, IU. A Luk'ianychev Atom. energ. 12 no 4 334-336 Ap '62

Effect of phenols on the solubilization of hydrocarbons in soap solutions P A Demchenko, L. P Skorobogat'ko Ukr. khim. zhur. 28 no 2 203-205 '62

Investigating the ordering phenomena in Cu-Al alloys Part 2 Alloys near the solubility limit V. E. Panin, V. P. Fadin, L. A. Solov'ev Fiz. met. i metalloved. 13 no. 2 219-224 '62

Leningrad. Vsesoiuznyi nauchno-issledovatel'skii institut galurgii [Manual of experimental data on the solubility of salt systems] Spravochnik eksperimental'nykh dannykh po rastvorimosti solevykh sistem. Leningrad, Gos. nauchno-tekhn. izd-vo khim. lit-ry.
Vol. 3. [Two-component systems; elements of the I group and their compounds] Dvukhkomponentnye sistemy; elementy I gruppy i ikh soedinenila. Sost. A. B Zdanovskii i dr. Pod red. V. V. Viazovova, A. D. Pel'sha, 1961 2224 p.

Reciprocal solubility in water systems containing uranyl nitrate and nitrates of other elements [with summary in English] M A IAkimov, N P Nosova Vest. LGU 17 no 4 106-114 '62

Solubility diagram of the system KCl - $CrCl_3$. S. N. Shkol'nikov, A. M. Volkov. Izv. vys. ucheb. zav., tsvet. met. 5 no. 2 65-66 '62.

Solubility in the system CuO - P_2O_5 - H_2O at 25° D M. Korf, I P Sugakevich Zhur. neorg. khim. 7 no 3 698-699 Mr '62

Solubility in the system Na_2CO_3 - Na_2SeO_3 - H_2O at 25 and 50° D M. Korf, L. N. Alymova Zhur. neorg. khim. 7 no 3 696-698 Mr '62.

Solubility of strontium and calcium nitrates at 0°C S. B. Stepina, G. S. Sedel'nikov, R. V. Kostikova Zhur. neorg. khim. 7 no 3 633-640 Mr '62.

Solubility polytherm of the system LiCl - KCl - H_2O. E. K. Akopov Zhur. neorg. khim. 7 no 2 385-389 F '62

Study of the TiO_2 - SO_3 - H_2O system by the solubility method at 25, 50 and 75° C V. I. Belokoskov Zhur. neorg. khim. 7 no 2 379-384 F '62.

Temperature dependence of solubility products of salts with multiatomic ions. A. M. Egorov, Z. P. Titova. Zhur. neorg. khim. 7 no. 2 275-278 F '62.

SOLUTION (CHEMISTRY)

Adsorption from solutions of nonelectrolytes using solid adsorbents. S. IU. Elovich, O. G. Larionov. Izv. AN SSSR Otd. khim. nauk no 3 529-531 Mr '62

Effect of fluctuations in concentration and of the stability of a solution on the scattering of light and other phenomena [with summary in English]. L. I. Lisnianskii, M. F. Vuks Vest. LGU 17 no 4 67-72 '62.

Quenching of fluorescence in solutions by foreign substances in the region of high concentrations of the fluorescent substance. L. A. Kilianskaia, P. I. Kudriashev, B. IA. Sveshnikov Dokl. AN SSSR 143 no 3;563-566 Mr '62.

SOLUTIONS, SOLID

Ordering of solid solution based on α-Mn N. V. Ageev, V. Sh. Shekhtman. Dokl. AN SSSR 143 no 4 922-924 Ap '62.

Production of solid solutions of the Ge - Si system from the gas phase. A. V. Sandulova, P. S. Bogoiavlenskii, M. I. Droniuk Dokl. AN SSSR 143 no. 3 610-612 Mr '62.

Rare earth silicates. Report No. 7: Solid solutions between lanthanium and samarium silicates and gadolinium and dysprosium silicates I. A Bondar', S. IA Galakhov, N. A Toropov. Izv. AN SSSR, Otd. khim. nauk no 3;377-382 Mr '62

Rare earth silicates. Report No. 8: Solid solutions between lanthanum and ytterbium silicates. I A Bondar', Izv. AN SSSR Otd. khim. nauk no. 3:383-388 Mr '62.

SOLUTIONS, SOLID—THERMAL PROPERTIES

Theory of the heat capacity of weak substitutional solid solutions at low temperatures A. I. Rezanov, S. I. Masharov. Fiz. met. i metalloved. 13 no 1:3-9 Ja '62

SOLVATION

Effect of the solvent on the reactivity and other physicochemical characteristics of polar particles Part 2 Calculating the effects of a medium in the kinetics of decomposition of tert-butyl chloride and the mechanism of the reaction E. S Rudakov Kin. i kat 3 no 1 18-30 '62

SOLVATION (Continued)

Resolvation of cadmium and lead ions in acetone-aqueous and acetone-alcoholic solutions P K Migal', N Kh Grinberg Zhur neorg khim 7 no 3 531-535 Mr '62

Study of the resolvation of certain metal ions in non-aqueous systems by the polarographic method P K Migal', N Kh Grinberg Zhur neorg khim 7 no 3 527-530 Mr '62

SOLVENTS

Acid rust solvent. A. Struchkov Rech transp 21 no 2; 53 F '62

Distillation of solvents directly from battery extractors IU N Slavianov, N IA Regak Med prom 15 no 6 44-47 Je '61

Distribution of molybdenum and tungsten in the system hydrobromic acid - organic solvent F.G Znarovskii, V G Sakhno Ukr khim.zhur 28 no 2 145-150 '62.

Effect of solvent on the electron paramagnetic resonance spectrum of some free radicals A V Il'iasov Zhur struk khim 3 no 1 95-97 Ja-F '62

Effect of solvents on the process of photochemical and thermal cis-trans-isomerization of perinaphthithioindigo, M A Mostoslavskii, V A Izmail'skii, M M Shapkina Zhur VKHO 7 no 1 108-109 '62

Effect of solvents on the ultimate mobility of ions A M. Shkodin Izv vys ucheb zav, khim i khim tekh 4 no 6, 941-942 '61

SOMALIA—ECONOMIC ASSISTANCE, RUSSIAN

Somali Republic D TSineva. Vnesh torg. 42 no 3 33-36 '62.

SOMALIA—ECONOMIC CONDITIONS

Somali Republic. D. TSineva. Vnesh.torg. 42 no.3 33-36 '62

SOMALIA—HISTORY

"The Republic of Somalia" by A. M. Khazanov. Reviewed by R. T. Muradian. Nar. Azii i Afr no 1;203-205 '62

SONAR

Struggle in silence A. Kuznetsov. Starsh.-serzh. no 12 13 D '61

SONGBIRDS see subdivision under White Russia

SONGS

[Songbook] Pesennik. [Sost. Ol'ga Lozhkina. Kirov] Kirovskoe knizhnoe izd-vo, 1960. 430 p. (NNC)

SONGS—HISTORY AND CRITICISM

"Aim for the future!.." (results of the discussion on songs). Sov muz 26 no 3 56-63 Mr '62

SONGS, MONGOLIAN

G Balint's unpublished Mongolian texts. G. Kara. Nar. Azii i Afr no. 1,161-164 '62.

SONGS, SUMERIAN

A Sumerian song about Gilgamesh and its glyptic inscriptions. V. K. Afanas'eva. Vest. drev. ist. no. 1 74-93 '62.

SONGS, UKRAINIAN

Ukrainian songs promoting the building of socialism I. P Pestonuk Nar tvorch ta etn 5 no 4 14-21 O-D '61

SOPHORA

Comparative study of the amino acid composition of the linden flower (Tilia) and of sophora buds (Sophora japonica) [with summary in English] S. L IAnkov Vop. pit 21 no 2;39-41 Mr-Ap '62.

SORBENTS

Effect of the amount of sorbent on the immunogenic property of botulin anatoxins [with summary in English]. A. P Labinskii Zhur mikrobiol., epid i immun 33 no 2 78-84 F '62

SORGHUM

(see also subdivision under Tajikistan)

Increasing vitality of hybrid sorgo in the first generation. B N. Malinovskii. Agrobiologiia no. 1;148-151 Ja-F '62.

SORPTION

Evaluation of the flexibility of polyethylene chains from sorption data T. V. Gatovskaia and others. Dokl. AN SSSR 143 no. 3,590-591 Mr '62

Sorption of germanium from aqueous solutions of its dioxide on Al_2O_3, Fe_2O_3, and MgO. L V Tarasaev, M. IA. Shpirt Zhur. neorg. khim. 7 no. 2 434-435 F '62.

Sorption of water vapors on calcium hydrosilicates. K. G. Krasil'nikov. Dokl. AN SSSR 143 no 4 911-914 Ap '62.

Thermodynamic theory of the sorption of ions of organic substances G. V. Samsonov, A. A. Seleznova. Dokl AN SSSR 143 no 4 919-921 Ap '62

SOSNOVKA DISTRICT—RURAL CONDITIONS

Let us tell you about the village of Viryatino in Tambov Province. A. Popov, V. Zhitnikov. Sov. deput. trud. no 3;69-72 Mr '62.

SOUND—PHYSIOLOGICAL EFFECT

Changes in the initial response of the auditory zone of the cerebral cortex and temporary connection [with summary in English]. V. A. Ilmyrina-Novi. Fiziol. zhur [Ukr.] 7 no.6 745-751 N-D '61.

SOUNDPROOFING MATERIALS see Acoustical materials

SOUTH AFRICA, REPUBLIC OF—LABOR PASSPORTS

A pass is a passport to slavery M. Wilton. Vsem. prof. dvizh no 3 38-40 Mr '62.

SOUTH AFRICA, REPUBLIC OF—POLITICS AND GOVERNMENT

End the suffering of millions Moses Mabhida Vsem. prof dvizh no 3 34-38 Mr '62

The Fuehrer of the South African Reich [with English summary in insert] S Valiev Az i Afr sег. no. 3 28-29 Mr '62.

SOUTH AFRICA, REPUBLIC OF—SHAFT SINKING

Record speed of shaft sinking at the "Western Reefs" Mine (Republic of South Africa) [from "The South African Mining and Engineering Journal," no. 3588, 1961]. Sanekht. stroi. 6 no. 3 29 Mr '62.

SOUTH AFRICA, REPUBLIC OF—SOCIAL CONDITIONS

Villain, Jean. [A republic behind barbed wire. Translated from the German] Respublika za kolliuchei provolokoi. Moskva, Izd-vo "Pravda," 1962. 47 p. (Biblioteka "Ogonek," no. 5)

SOUTH AFRICA, REPUBLIC OF—TRADE UNIONS

End the suffering of millions. Moses Mabhida Vsem. prof dvizh no. 3;34-38 Mr '62

SOUTH KAZAKHSTAN PROVINCE—MALARIA—PREVENTION

Eliminating malaria in South Kazakhstan Province. M V. Pankina, E. I. Balkashina. Zdrav. Kazakh. 21 no. 12; 38-40 '61.

SOUTH KAZAKHSTAN PROVINCE—SHEEP BREEDING

The look and the heart S. Selivorstov Sov deput. trud. no. 3;25 Mr '62

SOUTH OSSETIA see Ossetia, South

SOVIET BLOC see Communist Countries

SOVIET CENTRAL ASIA—AGRICULTURAL WORKERS

Soveshchanie rabotnikov sel'skogo khoziaistva respublik Srednei Azii, Azerbaidzhana i tuzhnykh oblastei Kazakhstana, Tashkent, 1961. [Materials of the Conference of Agricultural Workers of Central Asia, Azerbaijan, and Southern Areas of Kazakhstan] [Materialy] Tashkent, Gos. izd-vo Uzbekskoi SSR, 1962. 358 p. (Za rabotu, tovarishchi khlopkoroby!) (DA)

SOVIET CENTRAL ASIA—BOTANICAL RESEARCH

Ecological experimental method for solving problems of the historical development of the flora of Central Asia. M. V Kul'tiasov. Trudy TashGU no. 187;81-86 '61

SOVIET CENTRAL ASIA—BOTANY, MEDICAL

Plants of Central Asia as a source of medicinal raw material. S. S. Sakhobiddinov. Trudy TashGU no. 187, 210-215 '61.

SOVIET CENTRAL ASIA—ETHNOLOGY

Akademiia nauk SSSR. Institut etnografii. [Materials for a historicoethnographic atlas of Central Asia and Kazakhstan] Materialy k istoriko-etnograficheskomu atlasu Srednei Azii i Kazakhstana. Moskva, Izd-vo Akad. nauk SSSR, 1961. 197 p. (DC)

SOVIET CENTRAL ASIA—FLOODS

Flash flood chronicles, their compilation and preliminary generalization. P. M. Mashukov. Trudy Sred.-Az. nauch.-issl. gidrometeor. inst. no. 7;103-117 '61.

SOVIET CENTRAL ASIA—GAS, NATURAL—PIPELINES

Two thousand kilometers of romance. B. Nosik Vokrug sveta no. 3 1-4 Mr '62

SOVIET CENTRAL ASIA—GEOLOGY—CONGRESSES

First Conference of Young Geologists from Central Asia and Kazakhstan K. Kuliev Izv AN Turk. SSR Ser fiz.-tekh., khim. i geol nauk no 6 121 '61

SOVIET CENTRAL ASIA—GEOLOGY, STRATIGRAPHIC

Central Asian and Kazakh organization committee of the conference on the study of the Quaternary Period. G. F. Tetiukhin. Trudy Kom chetv per no. 20 176-177 '61

Study of the Quaternary period in Central Asia. V. V Popov. Trudy Kom. chetv. per. no. 20;177-180 '61.

SOVIET CENTRAL ASIA—GLACIERS

Observations on the state of mountain glaciers carried out by institutions of the Hydrometeorological Service of Central Asia I. A Il'in Trudy Tbil. NIGMI no. 9 180-185 '61.

SOVIET CENTRAL ASIA—LAGOCHILUS

Anatomy of vegetative organs in Central Asian species of the genus Lagochilus Bge. G. P. IAkovlev. Trudy Len khim.-farm.inst. 12 123-131 '61.

SOVIET CENTRAL ASIA—MUSIC

Vinogradov, V. S. [Development of national music cultures in the U. S. S. R.] Vopr.ony razvitiia natsional'nykh muzykal'nykh kul'tur v SSSR; sbornik statei Moskva, Sovetskii kompozitor, 1961. 303 p.

SOVIET CENTRAL ASIA—PHYSICAL GEOGRAPHY

Murzaev, E. M. [Central Asia; studies of nature] Srednaia Aziia, ocherki prirody. Moskva, Gos. izd-vo geogr. lit-ry, 1961. 246 p.

SOVIET CENTRAL ASIA—RUNOFF

Flood centers of mountain rivers in Central Asia P. M. Mashukov, L. M. Murza Trudy Sred.-Az. nauch.-issl. gidrometeor. inst. no 7;77-82 '61.

SOVIET CENTRAL ASIA—SPHALERITE

Distribution of gallium in sphalerites from lignite-sulfide deposits O. V. Vershkovskaia, V. A. Kuz'mina, D. A. Rodionov. Trudy Inst. min., geokhim i kristallokhim. red. elem. no. 6, 3-8 '61

SOVIET CENTRAL ASIA—TULIPS

Regions of Central Asia in which the contemporary forms of tulips developed. Z. P. Buchantseva. Izv. Vys. TashGU no 187, 212-215 '61

SOVIET CENTRAL ASIA—TURKS

Three vanished peoples. L. N. Gumilev. Strany i nar. Vost. no. 2;103-113 '61.

SOVIET CENTRAL ASIA—WALNUT

Walnut forests of Central Asia and silvicultural measures for their regeneration. E. V. Mikhailova Izv. TashGU no. 187, 216-223 '61.

SOVIET CENTRAL ASIA—WORMWOOD

Sin'kovskii, L. P. [Wormwood species of the subgenus Seriphidium as forage plants and experiments in introduction in Central Asia] Polyni iz podroda Seriphidium, ikh kak kormovye rastenita i opyt vvedeniia ikh v kul'turu v Srednei Azii. Stalinabad, 1959. 100 p. (Akademiia nauk Tadzhikskoi SSR, Stalinabad Institut zhivotnovodstva i veterinarii Trudy, vol. 3, no. 4)

SOVIET FAR EAST—BREAKWATERS

Protecting the roadstead water area from waves in the open shore areas of the Far East. V. I. Ildiakov, Gidrotekhnika no 1 75-76 '61.

SOVIET FAR EAST—FISHERIES

Ways of utilizing new fishery objects in the Far East M. Drozdov. Ryb. khoz. 37 no. 10;48-50 '61

SOVIET FAR EAST—GEOLOGY

Krishtofovich, A. N. [Selected works] Izbrannye trudy. Moskva, Izd-vo Akad. nauk SSSR.

Vol. 2. [Works in geology, stratigraphy, and paleobotany; Far East] Geologicheskie, stratigraficheskie i paleobotanicheskie raboty; Dal'nii Vostok. 1962. 532 p.

SOVIET FAR EAST—HISTORY

"The remote past of the Soviet Far East; studies in the ancient and medieval history" by A. P. Okladnikov. Reviewed by N. I. Rinbov, M. G. Shtein. Ist. SSSR 6 no 6 188-189 Ja-F '62.

SOVIET FAR EAST—MINORITIES

From primitive rural communes to socialism (the transformation of the social and economic relations of small nationalities in northeastern Siberia M. I. Kulikov, V. A. Kriuk. Ist SSSR 6 no 2 42-50 Mr-Ap '62

SOVIET FAR EAST—PALEOBOTANY

Krishtofovich, A. N. [Selected works] Izbrannye trudy. Moskva, Izd-vo Akad. nauk SSSR.

Vol. 2. [Works in geology, stratigraphy, and paleobotany; Far East] Geologicheskie, stratigraficheskie i paleobotanicheskie raboty; Dal'nii Vostok. 1962. 532 p.

SOVIET FAR EAST—PINK SALMON

Reproduce the stocks of the Far Eastern pink salmon R. S. Semko Ryb. khoz 38 no. 3;3-7 '62

SOVIET FAR EAST—RAILROADS—CONSTRUCTION

Protection of tracks from erosion on the Far Eastern railroads M. I. Milshtein. Amur. sbor no 2;202-211 '60

SOVIET FAR EAST—REVOLUTION, 1917-1921

First written history of the Far East Republic [centers in Vladivostok. Z. L. Dicharov. Ist. SSSR 6 no. 1 187-191 Ja-F '62.

SOVIET FAR EAST—SALMON FISHERIES

Reproduction of Pacific salmons. G. P. Vilatova Ryb khoz. 38 no. 3 12-13 '62.

SOVIET FAR EAST—SEDIMENTATION AND DEPOSITION

Vertical zonality of the runoff of suspended sediments in rivers of the southern part of the Far East. M. IA. Tregubova. Amur. sbor. no. 2;62-72 '60.

SOVIET FAR EAST—SOILS—CLASSIFICATION

Soil classification in the middle and lower Amur Basin and the Maritime Territory A. I. Kachilani, G. A. Tregubov. Amur sbor. no 2 277-295 '60

SOVIET FAR EAST—TRACE ELEMENTS

First coordinating conference on trace elements of the Far East E. P. Ozhigov. Izv. Sib. otd. AN SSSR no. 1 109-111 '62

SOVIET UNION see Russia

SOVIETS

How the deputies of the soviets report to their voters N. Starovoitov. Sov. deput trud no. 3;94-98 Mr '62

Important stage in the development of soviets. L. Grigorian. Polit. samoobr. 6 no. 3 27-36 Mr '62

Role of the soviets of workers' deputies is growing V Nizhnik Komm Ukr. 37 no. 2 48-53 F '62

The "school of government." V. Gazarian. Sov. deput trud. no. 3;32-37 Mr '62

Sheremet, K. F., and G. V. Barabashev. [Organization and work of the soviets] Sovetskoe stroitel'stvo. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 458 p.

Vasil'ev, V. I. [What a deputy should know] Chto nuzhno znat' deputatu. Moskva, Sovetskaia Rossiia, 1961. 61 p. (CSt-H)

Vishniakov, V. G. [How the executive committees of local soviets receive their constituents] Priem naselenila v ispolkomakh mestnykh Sovetov. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 89 p.

SPACE AND TIME

Infinity of the universe. B. M. Gimmel'farb. Fiz. v shkole 22 no. 1:96-98 Ja-F '62

SPACE BIOLOGY

Biology and the conquest of space. N. Sisakian Av. i kosm. 44 no. 2;24-30 '62.

SPACE FLIGHT

Liapunov, B. V. [Rockets and interplanetary flights] Rakety i mezhplanetnye polety. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 121 p. (Nauchno-populiarnaia biblioteka)

Radio electronics in astronautics. V. IAzdovskii, V. Denisov. Av i kosm 44 no 3,15-18 '62.

Space navigation. V. Seleznev. Av. i kosm. 44 no. 2; 31-38 '62

SPACE FLIGHT—PHYSIOLOGICAL EFFECT

Resistance of animals to the impact load factor acting in the direction close to the longitudinal axis of the body [with summary in English]. E. M. IUganov, I. I. Kas'ian, V. I. IAzdovskii. Izv. AN SSSR. Ser. biol. 27 no. 1;90-95 Ja-F '62.

SPACE LAW

A discussion of legal problems in the study of outer space at the International Astronautical Conference I. I Cheprov, V. S Vereshchetin Sov gos. i pravo 32 no 4 126-130 Ap '62.

SPACE PERCEPTION

Perception by students of the three-dimensional and flat images of objects. Report No. 3. Perception of shape. N. V. Medestova. Dokl. APN 5 no. 4;41-44 '61

SPACE SCIENCES

Gorlov, O., and V. Borisov. [Animals in outer space] Zhivotnye v kosmose. Moskva, Izd-vo "Znanie," 1960. 93 p.

Kroshkin, M. G. [Man penetrates outer space; scientific research by means of rockets and artificial satellites] Chelovek pronikaet v kosmos, nauchnye issledovaniia s pomoshch'iu raket i sputnikov. Moskva, Voen. izd-vo M-va oborony SSSR, 1961. 158 p. (Nauchno-populiarnaia biblioteka)

SPACE VEHICLES—ABSTRACTS

[Rocket engineering and space flight equipment] Ref. zhur. Otd. vyp. 41: Raket. tekh. i app. kosm. pol. nos. 1-6 Ja-Mr '62.

SPACE VEHICLES—ATMOSPHERIC ENTRY

"Return from outer space" by V. A. Parfenov. Reviewed by IU. Gusev. Starsh.-serzh. no. 12;40 D '61.

Through the air shield of a planet. T. M. Mel'kumov. Sov. voin. 43 no. 23;22-24 D '61.

SPACE VEHICLES—PROPULSION SYSTEMS

Fuel consumption of rockets and space vehicles. V. Pyshnov. Av. i kosm. 44 no. 3;10-14 '62

SPACES, GENERALIZED

Asymptotic behavior of compositions of measures in certain symmetrical spaces. V. N. Tutubalin. Dokl. AN SSSR 143 no. 2;286-288 Mr '62.

Generalization of spaces with constant curvature. S. I. Fedishchenko. V. M. Chernyshenko. Trudy Sem. po vekt. i tenz. anal. no. 11;269-276 '61.

Generalization of subprojective spaces. P. T. Stepanenko. Ukr. mat. zhur. 14 no. 1:96-100 '62.

Imbedding theorems for fractional spaces K. K Golovkin, V. A. Solonnikov. Dokl AN SSSR 143 no 4 767-770 Ap '62

Metric invariants of surfaces in quasi-elliptic spaces. L. M. Es'kina, A. P Skakal'skaia. Dokl AN Azerb. SSR 18 no 1 7-10 '62

Models of elliptic spaces A. S. Solodovnikov Trudy Sem. po vekt. i tenz. anal no 11;293-305 '61

One class of Riemann Spaces. G. I. Kruchkovich. Trudy Sem po vekt. i tenz anal no. 11;103-128 '61

One theorem by I. M. Gel'fand I Zinger Usp mat nauk 17 no. 1 169-176 Ja-F '62

Phenomenon of discontinuity of the scalar product in spaces with indefinite metric J. Bognar. Usp. mat nauk 17 no. 1 157-159 Ja-F '62

Principal homogeneous spaces defined over a field of functions. I. R. Shafarevich Trudy Mat inst 64;316-346 '61.

Projective two-dimensional Finsler spaces with special metrics. V. K. Kropina. Trudy Sem. po vekt i tenz anal no. 11;277-292 '61.

Ranks of systems of sets and the dimensionality of spaces. A. Arkhangel'skii Dokl AN SSSR 143 no. 4 755-758 Ap '62.

Reflections from surfaces in quasi-elliptic spaces. N. T. Abbasov. Dokl AN Azerb. SSR 17 no 9:769-772 '61

Singular Finsler space determined with an accuracy to Caratheodory's transformations N. I. Kubanov Sib. mat. zhur. 2 no. 5;655-671 S-O '61.

Some instances of the generation of periodic motions in n-dimensional space. L. P. Shil'nikov. Dokl AN SSSR 143 no. 2;289-292 Mr '62.

Spaces with a special set of geodesic lines. V. M. Chernishenko Trudy Sem. po vekt. i tenz. anal no. 11; 253-268 '61.

Spaces with common geodesics. A. S. Solodovikov. Trudy Sem. po vekt i tenz. anal no. 11;43-102 '61

Theory of surfaces in space with a decomposing absolute. E. A. Khatipov. Trudy Sem. po vekt. i tenz. anal. no. 11; 311-314 '61

SPACESHIPS

Liapunov, B. V. [Rockets and interplanetary flights] Rakety i mezhplanetnye polety. Moskva, Voen. izd-vo M-va obor. SSSR, 1962. 121 p. (Nauchno-populiarnaia biblioteka)

SPACESHIPS—PROPULSION SYSTEMS

So it will be. Av. i kosm. 44 no. 2;20-23 '62.

SPANISH AMERICA see Latin America

SPARK-EROSION MACHINING see Electric metal cutting

SPECIFIC GRAVITY

Rapid method for determining the specific gravity of film materials E. S. Khoroshaia, G. I. Kovrigina, V. I Alekseenko. Zav. lab. 28 no 2:205 '62.

SPECIFIC GRAVITY—STUDY AND TEACHING

Studying the topic "Specific gravity" in the sixth grade of secondary schools. F. A. Shchepot'ev Fiz. v shkole 22 no. 1,54-55 Ja-F '62.

SPECTROCHEMISTRY

Orlov, A. G., and B. T. Molekh. [Spectrochemical analysis of chlorine, bromine, and iodine in elementary tellurium] Spektrokhimicheskoe opredelenie khlora, broma i ioda v elementarnom tellure. Leningrad, 1962. 10 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Kontrol' kachestva produktsii, no. 1)

SPECTROGRAPH

Theory of a sectional magnetic spectrograph having a homogeneous field and rectilinear boundaries [with summary in English] V. R. Saulit Vest. LGU 17 no. 4:37-56 '62.

SPECTROMETER

Interference spectrometer with selective amplitude modulation. V. M. Arkhipov. Opt. i spektr. 12 no. 3;446-448 Mr '62.

SPECTROMETRY

Analytical application of nuclear magnetic resonance spectroscopy of high resolving power; survey. IU IU. Samitov. Zav lab. 28 no. 2:167-173 '62.

SPECTROPHOTOMETER

Automatic control of spectral analyzer. N. F Vollerner, V. G. Kriksunov Prib. i tekh eksp. 7 no. 1 117-122 Ja-F '62.

Solar infrared spectrophotometer at the Abastuman Observatory [with summary in English]. TS S. Khetsuriani Biul. Abast. astrofiz. obser. no. 26:129-160 '61.

Spectral analyzer of process recordings. V. A. Zverev and others. Prib i tekh. eksp. 7 no. 1 110-117 Ja-F '62

SPECTROPHOTOMETRY

Determining the zero-point of spectrophotometric temperatures [with summary in English]. M. V. Dolidze, M. F. Maznyi, L. M. Fishkova. Biul. Abast. astrofiz. obser. no. 26:161-167 '61.

Peshkova, V. M., and M. I. Gromova [Practical manual on spectrophotometry and colorimetry] Prakticheskoe rukovodstvo po spektrofotometrii i kolorimetrii. [Moskva] Izd-vo Mosk. univ., 1961. 172 p.

Quantitative determination of SH groups in whole and protein-free blood by the spectrophotometric method [with summary in English] Kh. M Rubina, L. A. Romanchuk. Vop med khim. 7 no 6 652-655 N-D '61.

Spectrophotometric and photometric characteristics of MS 14 opal glass. N. A. Voishvillo. Opt. i spektr. 12 no. 3,443-445 Mr '62.

Spectrophotometric study of dissociation constants of 1, 1-dinitropentane, 1, 1-dinitrohexane, and 1, 1-dinitrodecane S S Novikov and others Izv AN SSSR. Otd khim nauk no 3 520-523 Mr '62

SPECTRUM, INFRARED

Investigating by infrared spectroscopy the interaction of beryl and spodumene with reagents V. I. Bogdanov, Sin Vei-chzhun [Hsing Wei-chung]. Obog rud 6 no 6 35-38 '61.

Investigation of the effect of light on the aging of cellulose nitrate by infrared spectroscopy A. V. Uvarov, S V IAkubovich Lakokras mat i ikh prim no 6:49-52 '61

Use of infrared spectroscopy for investigating the structure of surface chemical compounds and adsorption A V Kiselev, V I Lygin Usp khim 31 no 3 351-364 Mr '62

SPECTRUM, MOLECULAR see Molecular spectra

SPECTRUM, SOLAR

Spectrophotometry of the K Ca^+ line in the chromospheric flare of August 30, 1960. L. I. Kiiseenko, R. M Chirkova. TSir Astron. obser. Khar un. no. 24:25-30 '61.

SPECTRUM ANALYSIS

(see also subdivision under United States)

Akademiia nauk SSSR. Institut geokhimii i analiticheskoi khimii. [Spectral determination of rare and dispersed elements in minerals, rocks, soils, plants, and natural waters] Spektral'noe opredelenie redkikh i rasseiannykh elementov; v mineralakh i porodakh, pochvakh, rastenilakh i prirodnykh vodakh. [By] T. F. Borovik-Romanova i dr. Moskva, Izd-vo Akad. nauk SSSR, 1962. 239 p.

Exchange of experience Zav. lab. 28 no 2 249 '62.

Modification of the method of addition in spectral analysis. V. A. Korneev. Zav. lab 28 no 2 182-183 '62.

Optical properties of Chlorella pyrenoidosa suspensions. S. V Tageeva, A. B Brandt, V. S Korshunova. Biofizika 6 no 5 572-581 '61

Problems of achieving higher accuracy and sensitivity in the spectral analysis of powder specimens, survey. IA. D. Raikhbaum. Zav. lab 28 no 2:173-175 '62.

Scientific and technological seminar of workers of chemical and spectrum analysis laboratories. A. V. Tkachenko Zav lab 28 no 2.253 '62.

Spectra and structure of halo derivatives of trinitromethane V A Shliapochnikov, A A Fainzil'berg, S S Novikov. Izv. AN SSSR Otd khim. nauk no. 3 519-520 Mr '62.

Spectral line intensity as a function of the effective ionization potential of an electric arc. V. L. Ginzburg, N. P. Glukhovetskaia. Opt. i spektr. 12 no. 3 344-349 Mr '62.

Using spectrum analysis for the division and correlation of Lower Paleozoic sediments in the southern slope of the Anabar Massif S. S Filatov Trudy VNIGRI no 186 406-431 '61.

SPECTRUM ANALYSIS—EQUIPMENT AND SUPPLIES

Universal registration device for luminescence spectrum analysis. M. I. Mekshenkov, A. P. Andreitsev. Biofizika 6 no. 5:615-619 '61.

SPEECH

Effect of extrastimuli on the speech reactions of a child [with summary in English]. Z. V. Denisova. Zhur. vys. nerv. deiat 11 no 6 991-998 N-D '61

SPEECH, DISORDERS OF

Prevention of dysarthria in infants. E. F. Rau. Med. sestra 21 no. 3:32-37 Mr '62.

Some physiological mechanisms of speech disorders. N. A. Kryshova. Trudy Len. ob-va est. 72 no. 1:137-138 '61.

They can speak again. L. Semenov. Ukraina no. 2:15 Ja '62.

SPEECH THERAPY

(see also subdivision under Kirov Province)

Rehabilitation training in gnostico-practical and speech disorders and a "disinhibitory" treatment with galanthamine. E. N. Pravdina-Vinarskaia, G. B Rudais. Dokl APN 5 no 6 113-116 '61

SPENDIAROV, ALEKSANDR AFANAS'EVICH, 1871-1928

Tigranov, G. [A. Spendiarov; from letters and reminiscences] A. Spendiarov; po materialam pisem i vospominanii. Erevan, 1963. 189 p. (CLU)

SPERANSKII, ALEKSEI DMITRIEVICH, 1887-1961

Significance of V. D. Speranskii's ideas and studies in infectious pathology and immunology. D. F. Pletnyi. Zhur. mikrobiol., epid. i immun. 33 no. 1 6-12 Ja '62.

SPERMATIC CORD

Therapeutic and differential diagnostic values of novocaine anesthesia of the spermatic cord in renal colic. A. I. Pavlov. Kaz. med. zhur. no. 5 46-48 S-O '61.

SPERMATOGENESIS IN ANIMALS

Qualitative and quantitative indices of spermatogenesis in eland bucks. O. P. Stieklien'ov. Nauk. prats. "Ask - Nov." 9 101-105 '61.

SPERMATOPHYTA see Phanerogams

SPERMATOZOA

Cytophotometric determination of the amount of desoxyribonucleic acid in the sexual cells of various genotypes. D. K. Beliaev, I. I. Kiknadze, A. I. Sheruditlo. Dokl. AN SSSR 143 no. 4 958-960 Ap '62.

Dynamics of experimental immune spermophagocytosis [with summary in English]. R. Popivanov, V. Kh. Vylchanov. Zhur. mikrobiol., epid. i immun. 33 no. 2 68-70 F '62.

Method for sperm examination in childless marriages. M. A. Kunin. Sov. med. 25 no. 2 138-140 F '62.

SPERMATURIA

Spermaturic reaction in male lake frogs in obstetric and gynecological practice (in particular with the use of dry serum). I. V. Kazakov. Sov. med. 25 no. 2 141-145 F '62.

SPHALERITE see subdivision under Soviet Central Asia

SPHERE

Conformal deformation in two-parameter families of spheres. R. M. Geidel'man. Izv. vys. ucheb. zav., mat. no. 6 16-24 '61.

SPHYGMOMANOMETER

Attachment to an electromanometer for continuous measurement of arterial and venous pressure during operations [with summary in English]. IU. S. Petrosian, A. T. Sokolov. Grud. khir. 2 no. 1:115-117 Ja-F '60.

SPIDERS--PARASITES see Parasites--Spiders

SPILLWAYS

Calculation of relationships for determining the pressure on the bottom in the section of head and tail water conjugation below low-head gate dams in the presence of a dentated sill on the apron and a deepened pavement at its end. M. M. Pyvovar. Visti Inst. gidrol. i gidr. AN URSR 18 19-23 '61.

Calculation of stilling wells under conditions of the discharge of water into an empty afterbay. I. IU. Lypai. Visti Inst. gidrol. i gidr. AN URSR 18 48-54 '61.

Discharge capacity of shaft spillways with rectangular and oval contours in the horizontal section. I. L. Rozovs'kyi, P. K. TSvietkov. Visti Inst. gidrol. i gidr. AN URSR 18 38-43 '61.

Distribution of velocities and pressures in the outlet cross section of a horizontal pipe during discharge into the atmosphere. I. L. Rozovs'kyi. Visti Inst. gidrol. i gidr. AN URSR 18 44-47 '61.

SPILLWAYS--CONGRESSES

Coordinating conference on problems of the hydraulics of high-pressure spillway structures. I. I. Levi, M. F. Skladnev, L. V. Moshkov. Gidr. stroi. 32 no. 1 59-61 Ja '62.

SPINA BIFIDA

Complications after surgery for myelocele [with summary in English]. V. I. Rostotskaia. Vop. neirokhir. no. 2 37-41 '62.

SPINAL ANESTHESIA

Experimental study of the use of ephedrine for preventing arterial hypotension in high spinal anesthesia [with summary in English]. B. M. Kupchik. Eksp. khir. i anest. 6 no. 5 22-26 S-O '61.

SPINAL CORD--DISEASES

Acousticomyelitic syndrome in brucellosis. M. I. Gabrielian, N. B. Saniukovich. Med. zhur. Uzb. no. 5:19-21 My '60.

Characteristics of variations in skin temperature in focal lesions of the spinal cord. Sh. Sh. Shamansurova. Med. zhur. Uzb. no. 4:50-52 Ap '60.

SPINAL CORD--SURGERY

Effect of sectioning the posterior columns of the spinal cord on the conditioned motor food reflexes in dogs [with summary in English]. P. M. Pogorelova. Zhur. vys. nerv. deiat. 11 no. 6 1089-1093 N-D '61.

SPINAL CORD--TUMORS

Clinical aspects and surgical treatment of late spinal complications (cholesteatomas) following tuberculous meningitis treated by the endolumbar administration of streptomycin. E. A. Azarova, I. V. Vovnianko, V. E. Eiginson. Zdrav. Kazakh. 22 no. 1 15-17 '62.

Postpuncture cholesteatomas of cauda equina and the spinal cord [with summary in English]. IU. S. Brodskii, B. A. Pel'ts. Vrach. delo no. 2:83-88 F '62.

Spinal epidermoids (cholesteatomata) following repeated endolumbar administration of streptomycin [with summary in English]. IU. S. Brodskii, B. A. Pel'ts. Vrach. delo no. 8 65-70 Ag '61.

Using the scanning method for closer localization of tumors of the spinal cord [with summary in English]. F. M. Lisss, B. I. Smagin. Med. rad. 5 no. 1 51-52 Ja '60.

SPINAL CORD--WOUNDS AND INJURIES

Functional state of the adrenal cortex in injury of the spinal cords. A. S. Grinshpun, O. G. Kogan. Zdrav. Kazakh. 22 no. 1 35-37 '62.

SPINE--ABNORMITIES AND DEFORMITIES

X-ray measurement of the extent of scoliosis. E. Kosina. Ortop., travm. i protez. no. 2:52-55 '62.

SPINE--PUNCTURE

Postpuncture cholesteatomas of cauda equina and the spinal cord [with summary in English]. IU. S. Brodskii, B. A. Pel'ts. Vrach. delo no. 2:83-88 F '62.

SPINE--RADIOGRAPHY

X-ray measurement of the extent of scoliosis. E. Kosina. Ortop., travm. i protez. no. 2 53-55 '62.

SPINE--SURGERY

Graft closing the arches for a lumbar arthrodesis. Karl Hirsch. Ortop., travm. i protez. no. 2:30-33 '62.

SPINE--TUMORS

Benign osteoblastoma. A. I. Aizenshtat, B. M. TSerliuk. Vest. khir. no. 8 101-104 '61.

SPINNING

Continuing the discussion of the problem "Correct way of analyzing the yarn breakage on spinning machinery spindles." M. S. Strel'skii. Tekst. prom. 22 no. 2: 9-11 F '62.

Effect of the passage conditions of the product through the flyer on the properties of the roving. I. I. Finkel'shtein. Izv. vys. ucheb. zav., tekh. tekst. prom. no. 1: 73-80 '62.

Polarkov, A. S. [General technology of asbestos fiber spinning] Obshchaia tekhnologiia priadenila asbestovogo volokna. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1961. 256 p.

Possibilities of the method of worsted spinning. V. D. Gusev. Tekst. prom. 22 no. 3 45-49 Mr '62.

SPINNING MACHINERY

Combined wool-spinner-twister. G. G. Khrushchev, V. K. Afanas'ev, G. I. Adrova. Tekst. prom. 22 no. 2, 30-32 F '62.

Possibilities of increasing the size of packages on existing spinning machines. R. A. Kruchinina. Izv. vys. ucheb. zav., tekh. tekst. prom. no. 1 66-72 '62.

Reducing the unevenness of the intermediate roving. R. A. Kononova. Tekst. prom. 22 no. 2, 35 F '62.

Rope stapling of synthetic filament fibers on the "Pacific Converter" machine. V. E. Slyvakov. Tekst. prom. 22 no. 2:21-26 F '62.

Self-lubricating ceramic metal rollers made with graphitic iron. M. I. Borisov and others. Tekst. prom. 22 no. 3:60-62 Mr '62.

Setting of the rollers of spinning machine drafters. A. M. Nerobeev. Tekst. prom. 22 no. 3:55-56 Mr '62.

Studying the mechanism of the traverse of the PN-275-I spinning machine. A. A. Markevich, G. A. Samarskii. Izv. vys. ucheb. zav., tekh. tekst. prom. no. 1:151-157 '62.

SPINNING MACHINERY--CLEANING

Portable air blower for spinning machines. K. F. Zaitsev. Tekst. prom. 22 no. 2:37-38 F '62.

SPINNING MACHINERY--TESTING

Dynamometer testing stand for the general testing of spindles. V. E. Bulakin. Izv. vys. ucheb. zav.; tekh. tekst. prom. no. 1 169-170 '62.

SPIROSCOPE

Spirodynamometer [with summary in English]. A. A. Talakov. Biul. eksp. biol. i med. 52 no. 11:121-122 N '61.

SPIROSCOPY

Physiological basis of surgical approaches to the esophagus [with summary in English]. P. P. Firsova, E. A. Pechatnikova, Akhmet-Nagib. Vest. khir. no. 3:9-14 '62.

SPIVAK, LIDIA VASIL'EVNA

Lidia Vasil'evna Spivak and her team. Z. M. Morgulis. Med. sestra 21 no. 3 57-59 Mr '62.

SPLANCHNIC NERVES see Nerves, Splanchnic

SPLEEN

Changes in the pancreas and spleen in cholemia [with summary in English]. L. N. Popova. Vest. khir. no. 9: 64-70 '61.

Investigating some transformations of nucleotides from aqueous extracts of the liver and spleen of animals. A. V. Kotel'nikova, V. V. Solomatina. Dokl. AN SSSR 143 no. 2 452-455 Mr '62.

SPLEEN--DISEASES

Torsion of the stomach, spleen and tail of the pancreas. N. G. Zuev. Khirurgiia no. 3, 118-119 '62.

SPLEEN--RADIOGRAPHY

Clinical evaluation of splenoportography in the diagnosis of portal hypertension [with summary in English]. V. A. Borovkov. Vest. khir. no. 9:49-55 '61.

Effectiveness of splenoportography in metastasis symptoms of cancer of the stomach and pancreas [with summary in English]. L. I. Kraitser and others. Vest. khir. no. 9:45-49 '61.

SPLEEN--SURGERY

New technic for placing knotted sutures on regional wounds of parenchymatous organs. V. I. Vinnikov. Khirurgiia no. 3:102-103 '62.

Postsplenectomy syndrome in osteomyelosclerosis and myelofibrosis. K. A. Khasanova. Probl. gemat. i perel. krovi no. 3 19-26 '62.

Thoracoabdominal transpleural approach in splenonephrectomy [with summary in English]. N. I. Lubnabe-vskii. Grud. khir. 1 no. 5:99-102 S-O '59.

SPLEEN--TUMORS

Lymphogranulomatosis of the spleen in a child. G. I. Stepanova. Vest. khir. no. 8 94-95 '61.

SPLENIC ARTERY--ABNORMITIES AND DEFORMITIES

Filling defect of the stomach caused by pressure of the splenic artery. A. N. Mironov. Vest. khir. no. 9:124 '61.

SPODUMENE

Interaction of β-spodumene with sulfuric acid. III. I. Ostroushko, K. I. Filippova, L. A. Ignat'eva. Zhur. neorg. khim. 7 no. 2 241-251 F '62.

Interaction of minerals containing rare alkali elements with salts and oxides during sintering and melting. Part 7. Decomposition of spodumene by calcium chloride. V. D. Pliushchev. Izv. vys. uchab. zav., khim. i khim. tekh. 4 no. 6 1011-1015 '61.

Investigating by infrared spectroscopy the interaction of beryl and spodumene with reagents. V. I. Bugdaeva, Sin Vei-chzhun [Hsing Wei-chung]. Obog. rud 6 no. 5 35-38 '61.

SPORADIC E (IONOSPHERE)

Characteristics of the E_s layer and their use in radio forecasts. T. S. Kerblai. Trudy IZMIRAN no. 19 [illegible] '61.

Parameters of small-scale inhomogeneities in the sporadic E layer, according to observations made in Ashkhabad. N. M. Erofeev, O. Ovezgel'dyev. Izv. AN Turk. SSR. Ser. fiz.-tekh., khim. i geol. nauk no. 6 39-44 '61.

SPORES (BOTANY)

Germination of resting spores of Chaetoceros lauderi Ralfs. N. F. Mikhailova. Dokl. AN SSSR 143 no. 3 741-742 Mr '62.

Guide for the identification of the spores of the ferns of the subfamily Pteridea Diels in the flora of the U.S.S.R. A. N. Sladkov. Nauch. dokl. vys. shkoly, biol. nauki no. 1 129-134 '62.

Spore tetrads in pteridophytes. A. N. Sladkov. Dokl. Akad. SSSR 143 no. 2:464-466 Mr '62.

SPORTS

(see also subdivision under Germany, West; Pakistan)

Our youth should participate in cultural work and sports activities. V. Smirnov, M. Zaitsev. Mol. kommunist no. 3 53-58 Mr '62.

Saying goodbye to winter. A. Vit. Sov. fotos no. 4:24-25 '62.

SPORTS FOR WOMEN

Golden foil. Ul. Vel'tau. Belarus' 19 no. 3 25 Mr '62.

SPORTS MEDICINE

Practical use of the phonocardiographic method in sports medicine. R. D. Dibner. Teor. i prak. fiz. kul't. 24 no. 1, 67-71 Ja '62.

SPRAY PAINTING

Aerosol spraying of paint materials. G. P. Glazin, P. G. Vasil'ev. Lakokras. mat. i ikh prim. no. 5, 64-67 '61.

Spraying paint materials in a high-voltage electric field with a slit sprayer. V. L. Gots and others. Lakokras. mat. i ikh prim. no. 5:74-78 '61.

SPRAYING AND DUSTING EQUIPMENT

Improvement of the spraying of citrus orchards on steep slopes with insecticides and fungicides by means of mechanical filling of pressure tanks and using rational ways [with summary in English]. B. P. Karasiuk. Subtrop. kul't. no. 4:65-70 '61.

SPRAYING AND DUSTING IN AGRICULTURE

Mastauskis, St. [Protecting field crops from pests] Lauko kulturu apsauga nuo kenkeju. Treciasis pataisytas ir papildytas leidimas. Vilnius, Valstybinis politines ir mokslines literaturos leidykla, 1961. 511 p. [In Lithuanian]

(DA)

SPRING see subdivision under White Russia

SPRINGS (MECHANISM)—TESTING

Investigating the effect of some methods of hardening on the relaxation resistance of helical cylindrical springs F. P. Vasil'ets Sbor. trud. Inst. mash. i avtom. AN BSSR no. 2: 81-92 '61

SPRUCE

Effect of age and growing conditions on the dynamics of the accumulation of chlorophyll in pine and spruce needles G. I. Murgalik Les. khoz. 15 no. 1 24-25 Ja '62.

SPUTNIKS see Artificial satellites

STABILITY OF SHIPS

Transverse stability of ships with underwater wings G. A. Goshev Trudy LIVT no. 1 48-55 '60

STACK ACCESS IN LIBRARIES see Open and closed shelves

STAGE LIGHTING

Neon lights up the stage I. Bebing. Teatr 23 no. 3:21 Mr '62

STAGING (CONSTRUCTION) see Scaffolding

STAINS AND STAINING (MICROSCOPY)

Comparative evaluation of a stain for the tuberculosis bacilli in a flotation layer of pleural exudate after Ziehl-Neelsen and Ogol' K. B. Staroselskaia, E. V. Gritsevskaia, R. I. Stepova. Kaz. med. zhur. no. 1: 76-77 Ja-F '62.

Staining of blood lipoproteins separated by means of paper electrophoresis [with summary in English] A. G. Teregulov, V. F. Bogoyavlenskii. Vop. med. khim. 7 no. 6 639-642 N-D '61

STALINGRAD see Volgograd

STALINGRAD HYDROELECTRIC POWER STATION see Volga Hydroelectric Power Station (22d Congress of the CPSU)

STALINGRAD PROVINCE see Volgograd Province

STALINSK see Novokuznetsk

STAINLESS STEEL see Steel, Stainless

STAMMERING

Correction of stuttering by manual work N. A. Cheveleva. Dokl. APN 5 no. 6 117-120 '61

External inhibition and disinhibition in the interrelationship between signaling systems in stutterers [with summary in English] V. A. Kurshev Zhur. vys. nerv. deiat. 11 no. 6 985-990 N-D '61

STAMPED ENVELOPES

Artistic stamped envelopes Sov. knizh. torg. 14 no. 3 48 Mr '62.

STANDARDS, ENGINEERING

[Information index of standards] Inform. ukaz. stand. 23 no. 1 '62.

STANISLAV PROVINCE—JEHOVAH'S WITNESSES

Vivid and persuasive lectures. D. Koretskyi. Volov. ateist no. 11:33-34 N '61

STANISLAVSKII, KONSTANTIN SERGEEVICH, 1863-1938

"Collected works in eight volumes" by K. S. Stanislavskii Reviewed by E. Poliakova Teatr 24 no. 3:64-69 Mr '62.

STAPHYLOCOCCAL DISEASE

Chistovich, G. N. [Pathogenesis of staphylococcal infections; microbiological, pathological, and immunological aspects] Patogenez stafilokokkovoi infektsii; mikrobiologicheskie, obshchepatologicheskie i immunologicheskie aspekty. [Leningrad] Medgiz, 1961. 215 p. (DNLM)

Clinical course of sepsis in children during the first months of life [with summary in English]. A. P. Makarova. Vop. okh. mat. i det. 7 no. 1:21-26 Ja '62.

Experimental observations on group associated immunization with anatoxin aerosols (tetanus and staphylococcal) [with summary in English]. I. F. Titarenko Zhur. mikrobiol., epid. i immun. 33 no. 2 8-14 F '62

Use of lysozyme in curing carriers of pathogenic Staphylococci [with summary in English]. Z. V. Ermol'ev and others. Antibiotiki 7 no. 4:360-361 Ap '62.

STAPHYLOCOCCUS

(see also subdivision under Sverdlovsk)

Detoxifying and disintoxifying properties of mycerin in relation to the botulinus and staphylococcus toxins [with summary in English]. V. N. Derkach. Antibiotiki 6 no. 11 1008-1009 N '61.

Staphylococcal enterotoxin and methods for determining it in food products [with summary in English]. O. N. Sirotinina. Zhur. mikrobiol., epid. i immun. 33 no. 1. 90-94 Ja '62.

STARCH

Ageev, L. M., S. Z. Ivanov, and V. A. Smirnov. [Technology of sugar substances, general course] Tekhnologiia sakharnykh veshchestv, obshchii kurs. Pod red. P. M. Silina. Moskva, Pishchepromizdat, 1961. 488 p.

Synthesis and decomposition of starch in concentrate drops A. I. Oparin and others Dokl. AN SSSR 143 no. 4 980-983 Ap '62

STARFISHES

Destruction of gastric tissues in the starfish Asterias rubens L. as a response to changes in the environmental conditions V. A. Sokolov, L. A. Astaf'eva Trudy MMBI no. 3,55-60 '61

Tactile conditioned reflex in the starfish Asterias rubens L. V. A. Sokolov Trudy MMBI no. 3 49-54 '61

STARS

Alksnis, Andrejs. [Stars and nebulae] Zvaigznes un miglaji. Riga, Latvijas PSR Zinatnu akademijas Izdevnieciba, 1961. 96 p. [In Latvian]

Emission star HD 51585 [with summary in English] V. P. Arkhipova Astron. zhur. 39 no. 2 363-365 Mr-Ap '62

Identification of exciting stars and the determination of the parameters of emission nebulae from radio-astronomy data [with summary in English] A. D. Kuz'min, R. L. Noskova Astron. zhur. 39 no. 2 241-247 Mr-Ap '62

Plotting the distribution function of stellar orbit elements based on the velocity-distribution function R. M. Dzigvashvili. Biul. Abast. astrofiz. obser. no. 26 183-190 '61

STARS—CATALOGS

Catalog of the right ascensions of stars in the vicinity of the pole A. P. Gulliev Soob. GAISH no. 104 71-77 '61

STARS—CLUSTERS

Star cluster in the vicinity of γ Cygni M. V. Dolidze Astron. tsir. no. 223 11-12 Jl '61

STARS—SPECTRA

Nonthermal emission in the spectra of nonstationary stars and the origin of cosmic rays L. M. Gordon Uch. zap. KIGU 91.15-71 '57.

Spectra of stars around NGC6604, NGC6913 and Tr 1 E. K. Kharadze, R. A. Bartaia Biul. Abast. astrofiz. obser. no. 26 35-79 '61

STARS, DOUBLE

Spectroscopic binary α Virginis (Spica) [with summary in English]. N. L. Magalashvili, IA. I. Kumsishvili Biul. Abast. astrofiz. obser. no. 26 13-19 '61

STARS, DOUBLE—BIBLIOGRAPHY see Bibliography—Stars, Double

STARS, NEW

Dynamics of the envelopes of novae [with summary in English] V. G. Gorbatskii. Astron. zhur. 39 no. 2. 198-206 Mr-Ap '62

Novae as a possible source of cosmic rays [with summary in English] E. R. Mustel' Astron. zhur. 39 no. 2 185-197 Mr-Ap '62

Outbursts of supernovae and the interstellar medium [with summary in English] I. S. Shklovskii Astron. zhur. 39 no. 2. 209-215 Mr-Ap '62.

Supernova in NGC 1362 G. V. Zaitseva Astron. tsir. no. 223 1-2 Jl '61

STARS, VARIABLE

BB Herculis. Iu. V. Fridel'. Per. zvezdy 13 no. 4 303-305 Mr '61.

Eclipsing variable DS Andromedae A. Alksnis Per. zvezdy 13 no. 4. 300-302 Mr '61

Eclipsing variable RZ Comae Berenices [with summary in English]. R. D. Holokadze. Per. zvezdy 13 no. 4 259-265 Mr '61.

Electrophotometric observations of variable stars O. P. Vasil'ianovskaia. Biul. Inst. astrofiz. AN Tadzh. SSR no. 30 13-27 '61

Electrophotometry of δ Ceti [with summary in English] N. L. Magalashvili, IA. I. Kumsishvili Biul. Abast. astrofiz. obser. no. 26 3-11 '61

Investigating variable stars in the globular cluster M3-NGC 5272 [with summary in English]. B. V. Kukharkin, N. P. Kukharkina. Per. zvezdy 13 no. 4 239-247 Mr '61.

Maxima and elements of RR Lyrae-type stars G. A. Lange Astron. tsir. no. 223 14-17 Jl '61

Maxima of Mira Ceti-type stars T. G. Nikulina. Per. zvezdy 13 no. 4 295-296 Mr '61.

Minima of V 560 Ophiuchi. V. G. Karetnikov. Astron. tsir. no. 223 22-23 Jl '61

Plenum of the Committee on Variable Stars of the Academy of Sciences of the U.S.S.R A. A. Batyrev Per. zvezdy 13 no. 4. 233-238 Mr '61.

RR Lyrae-type stars in the distant vicinities of globular clusters [with summary in English] N. E. Kurochkin. Per. zvezdy 13 no. 4 248-254 Mr '61.

Regularities in the luminosity curves of RW Aurigae-type variables F. I. Lukatskaia Astron. tsir. no. 223 18-22 Jl '61.

SS Cygni [with summary in English] I. A. Sokolova. Per. zvezdy 13 no. 4 273-283 Mr '61

Specification of the elements of eclipsing variable V 729 Cygni V. Sazonov. Astron. tsir. no. 223 26-27 Jl '61

Twelve uninvestigated variable stars G. S. Filatov Astron. tsir. no. 223 24-26 Jl '61

Two variable stars [with summary in English]. F. A. Safanova Per. zvezd. 13 no. 4 266-272 Mr '61

Two variable stars in Aquila V. P. Fedorovich Per. zvezd. 13 no. 4 296-299 Mr '61

V 393 Cygni V. Sazonov Per. zvezdy 13 no. 4 302-303 Mr '61

V 733 Aquilae V. Sativaldyev Astron. tsir. no. 223 23-24 Jl '61

Variable star kZP 1596 = 211 1935 V. P. TSesevich, V. M. Grigorevskii Per. zvezdy 13 no. 4 290-295 Mr '61

Variations in brightness of the magnetic variable star HD 153882 [with summary in English] P. F. Chugainov Per. zvezdy 13 no. 4 255-258 Mr '61

Visual observations of four variable stars [with summary in English] T. A. Azarnova Per. zvezdy 13 no. 4 284-289 Mr '61

STARS, VARIABLE—SPECTRA

Spectrophotometry of AG Pegasi V. P. Arkhipova, O. D. Dokuchaeva, B. A. Vorontsov-Vel'iaminov Astron. tsir. no. 223 17-18 Jl '61

STARVATION

Daily periodicity of mitotic activity of the corneal epithelium in rats and mice during starvation [with summary in English] O. T. Movchan Biul. eksp. biol. i med. 52 no. 7,103-106 Jl '61

Glycogen content of the liver and muscles in rats in relation to time following administration of chloropropamide and the duration of starvation [with summary in English] S. G. Genes, L. M. Mavarevich-Gal'perin, S. N. Ushenko. Biul. eksp. biol. i med. 52 no. 7 65-68 Jl '61

Inclusion of methionine-S^{35} into the liver proteins of rats after the administration of cortisone and during starvation [with summary in English]. V. F. Trufanov. Vop. med. khim. 7 no. 4 351-358 Jl-Ag '61.

STATE, THE

Against anticommunist theories of the state. S. L. Zivs. Sov. gos. i pravo 32 no. 3 96-107 Mr '62

Functions of the present-day imperialist state M. P. Tret'iakov. Izv. vys. ucheb. zav., prav. 5 no. 1 53-62 '62

STATE AND CHURCH see Church and state

STATE FARMS

(see also subdivision under Altai Territory, Kustanay Province, Latvia; Novaya Usman' District; Ruzayevka District, Tselinograd Province)

Advice from machinery operators to stock breeders. V. Sidel'nikov. Sel'. mekh. no. 3:16 '62.

Landscape gardening on state farms in virgin land regions T. N. Kormacheva. Trudy TSSBS no. 3 27-31 '60.

Out of sight, out of mind V. Liutikov Sov. profsoiuzy 18 no. 3 9 F '62

State farms as leading socialist enterprises in agriculture, T. Basiuk. Ekon. sel'khoz. 33 no. 1 96-107 Ja '62.

Utilization of land resources on collective and state farms of the R.S.F.S.R., economic review N. Chernyshev. Ekon. sel'khoz. 33 no. 1 82-89 Ja '62.

STATE FARMS—ACCOUNTING—STUDY AND TEACHING

Nozhkina, A. A. [Problem for teaching practice on accounting in state farms] Zadacha dlia uchebnoi praktiki po bukhgalterskomu uchetu v sovkhozakh. Moskva, Gosstatizdat TsSU SSSR, 1961. 45 p.

STATE FARMS—MANAGEMENT see subdivision under Estonia

STATES, NEW—ECONOMIC POLICY

Economic policy of the governments of underdeveloped countries. O. Ul'rikh. Mir ekon. i mezhdunar. otn. no. 4:85-98 Ap '62.

STATES, NEW—GOVERNMENT OWNERSHIP

Bourgeois economists on the role of the state sector in underdeveloped countries N. Shmelev. Mir. ekon. i mezhdunar. otn. no. 4 87-92 Ap '62.

STATES, NEW—SOCIAL CLASSES

The class structure of underdeveloped countries R. Avakov, G. Mirskii. Mir. ekon. i mezhdunar. otn. no. 4. 68-82 Ap '62.

STATIC FREQUENCY CHANGERS see Frequency multipliers

STATICS—PROBLEMS, EXERCISES, ETC

Krivoshei, V. D. [Manual for the solution of problems in theoretical mechanics; statics] Rukovodstvo po resheniiu zadach teoreticheskoi mekhaniki; statika. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1961. 287 p.

STATISTICAL MECHANICS
Equations for the correlation functions of a system of short-range Coulomb particles in equilibrium V. L. TSepliaev Dokl. AN SSSR 143 no. 4 829-831 Ap '62

STATISTICS
Statistical problems discussed in newspapers and journals Vest. stat. no. 4 87-88 '62.

STATISTICS, MATHEMATICAL see Mathematical statistics

STATISTICS, MEDICAL see Medical statistics

STATUTE OF LIMITATIONS see Limitation of actions

STATUETTES see subdivision under Olbia (Borysthenes)

STAVROPOL—GRAIN MILLING
Concerning the work of the mixed fodder department of the Stavropol grain milling combine. M. Kashkurevich Muk.-elev. prom. 28 no. 2 24 F '62.

STAVROPOL TERRITORY—AMATEUR THEATRICALS
After practical training P. Kameneva Kul't.-pros. rab. 23 no. 3 21 Mr '62.

STEAM BOILERS, MARINE see Boilers, Marine

STEAM ENGINEERING—STUDY AND TEACHING
Demonstrating the role of a condenser in a steam power installation. M. M. Terent'ev Fiz. v shkole 22 no. 1 67-68 Ja-F '62

STEAM ENGINES
Kazanskii, A. M. [Study, adjustment and testing of steam engines] Issledovanie, naladka i ispytanie parovykh mashin. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 119 p.

STEAM ENGINES, MARINE see Marine engines

STEAM POWER PLANTS see subdivision under Siberia

STEAM TURBINES
Concerning the utilization of reserve power of turbine and boiler units A. E. Gel'tman, A. A. Piskarev Elek. sta. 33 no. 2 2-6 F '62
Gorshkov, A. S., V. E. Doroshchuk, and N. V. Kuznetsov, eds. [Increasing the steam parameters and operating capacity of units in heat engineering] Povyshenie parametrov para i moshchnosti agregatov v teploenergetike, sbornik statei. Moskva, Gos. energ. izd-vo, 1961. 513 p.
Some problems of dynamics in the regulation of boiler-turbine units V. K. Bogdanov Energomashinostroenie 8 no. 1 9-15 Ja '62.
Steam and gas installations S. A. Khristianovich. Nauka i zhizn' 29 no. 1 15-18 Ja '62

STEAM TURBINES—BLADES
Titanium moving blade of the last stage of a steam turbine. V. F. Poznakhirev. Sbor. trud. Lab. gidr. mash. no. 9. 140-153 '61.

STEAM TURBINES—COOLING
Some characteristics of the cooling of steam-turbine elements. D. A. Pereverzev. Sbor. trud. Lab. gidr. mash. no. 9. 124-139 '61.

STEAM TURBINES—TESTING
Effect of the height of blades on some characteristics of single-row turbine stages M. E. Deich and others Energomashinostroenie 8 no. 1 6-9 Ja '62
Kitamkin, S. L. [Thermal testing of steam-turbine systems in electric power plants] Teplovoe ispytanie paroturbinnykh ustanovok elektrostantsii. Moskva, Gos. energ. izd-vo, 1961. 407 p.
Stage characteristics in connection with small u/C_0 values Tu-Zhen-iun (T'u Jeng-yung) Energomashinostroenie 8 no. 1 20-23 Ja '62

STEAMPIPES
Concerning the tendency toward brittle decomposition of the 12KhMF steel used in the steam pipes of electric power plants R. L. Zaidel'man. Elek. sta. 33 no. 2 10-13 F '62.
Improve the quality of pipes for boiler units. A. V. Parshin. Bezop. truda v prom. 6 no. 3. 31 Mr '62.

STEAMPIPES—SAFETY MEASURES
Prevent pipe breakage in steam boilers. B. K. Naumov. Bezop. truda v prom. 6 no. 3. 16-17 Mr '62.

STEEL
Alekseenko, M. F. [Structure and properties of heat-resistant, structural and stainless steels] Struktura i svoistva teplostoikikh konstruktsionnykh i nerzhaveiushchikh stalei. Moskva, Gos. nauchno-tekhn. izd-vo Oborongiz, 1962. 215 p.
Extrastrong acid-resistant steel for the chemical machinery manufacture. M. B. Shapiro and others. Khim. mash. no. 2. 26-31 Mr-Ap '62.
Use of 08kp steel for the production of bimetal S. F. Bakuma, IU. IA. Zil'berg, K. M. Khrushchova. Stal' 22 no. 3. 267-268 Mr '62

STEEL—ANALYSIS
Differentiation analysis of chromium carbide in niobium steels N. M. Popova, A. F. Platonova. Zav. lab. 28 no. 2 164-165 '62

STEEL—COLD WORKING
Recrystallization of cold-drawn stainless steel. L. A. Dolinskaia and others Metalloved. i term. obr. met. no. 2 31-36 F '62

STEEL—CORROSION
Mechanism of steel corrosion in carbon tetrachloride. V. M. Chistiakov, S. A. Balezin. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 6 955-957 '61

STEEL—FATIGUE
Electron microscopy on the fatigue of St. 10 and EIAIT steels V. S. Ivanova, E. S. Kostakina. Metalloved. i term. obr. met. no. 2 32-34 F '62
Investigating fatigue strength of steel under operating conditions of crane mechanisms. L. V. Konovalov. Vest. mash. 12 no. 3. 21-24 Mr '62

STEEL—HARDENING
Effect of hardening by low-temperature heating of cast unannealed carbon steel I. I. Khoroshev. Metalloved. i term. obr. met. no. 2. 11-14 F '62.
Hardenability of bearing steel. N. N. Kachanov. Metalloved. i term. obr. met. no. 2. 7-11 F '62
Increasing the impact toughness of 30GSL and SL-2 steel at low temperatures. G. I. TSyganenko, S. V. Tristan Lit. proizv. no. 3. 42-43 Mr '62.

STEEL—HEAT TREATMENT
Effect of preliminary plastic deformation on the properties of spring bands following heat treatment. V. IA. Zuhov, S. V. Grachev. Metalloved. i term. obr. met. no. 2. 46-47 F '62
Uralvagonzavod, Nizhniy Tagil. [Progressive heat-treating techniques] Peredovaia tekhnologiia termicheskoi obrabotki. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 143 p.

STEEL—METALLOGRAPHY
Interphase tension at the boundary of steel, slag, and products of their deoxidation G. F. Konovalov, S. I. Popel' Trudy Ural. politekh. inst. no. 93. 73-79 '59.
Investigating the substructure of electrical steel in connection with elastic deformation. V. M. Finkel', V. N. Berezovskii Fiz. met. i metalloved. 13 no. 2. 308-274 '62
Mechanism of crack growth in steel. V. M. Finkel' and others. Fiz. met. i metalloved. 13 no. 2. 263-267 '62.
Metallographic method of revealing the substructure of electrical steel S. A. Shved Fiz. met. i metalloved. 13 no. 2 225-232 '62
Regions of coherent rearrangement of crystal lattices during martensite transformations in carbon steel V. I. Arkharov, Z. V. Korendiaseva. Fiz. met. i metalloved. 13 no. 1 97-106 Ja '62.
Studying the orientation of the low-temperature carbide phase Fe_xC. M. P. Arbuzov, B. V. Khaenko. Fiz. met. i metalloved. 13 no. 2. 294-299 '62

STEEL—METALLURGY
Bogorodskii, A. L. [Steel smelting in open-hearth furnaces] Plavka stali v martenovskikh pechakh. Pod red. L. M. Volpianskogo. Moskva, Mashgiz, 1961. 45 p. (Nauchno-populiarnaia biblioteka rabochego-litoishchika, no. 18)
Crystalline structure and orientation of the carbide phase of low-tempered steel. M. P. Arbuzov, B. V. Khaenko. Dokl. AN SSSR 143 no. 3. 574-577 Mr '62.
Dephosphorization of the metal in electric slag remelting. B. I. Medovar and others. Avtom. svar. 15 no. 4. 6-7 Ap '62.
Effect of small quantities of addition alloys on the oxidation of low-carbon steel V. P. Zhukova, N. S. Smirnov. Metalloved. i term. obr. met. no. 2. 45-46 F '62.
From the editors [discussion of S. M. Baranov's letter with critical remarks on V. S. Mes'kin's book "Principles of alloying steel"]. Metalloved. i term. obr. met. no. 2. 60 F '62.
Improved technology of the smelting of ShKh-15 steel for ball bearings. M. I. Zuev and others. Prom. energ. 17 no. 2. 12 F '62.
Kalinnikov, E. S. [Vacuum in the production of steel] Vakuum v proizvodstve stali. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1962. 150 p.
Konferentsiia po fiziko-khimicheskim osnovam proizvodstva stali. 5th, Moscow, 1959. [Physical and chemical principles of steel production; proceedings of a conference] Fiziko-khimicheskie osnovy proizvodstva stali; trudy konferentsii. Moskva, Izd-vo Akad. nauk SSSR, 1961. 355 p.
(CU)
Leibenzon, S. A., and A. F. Tregubenko. [Steelmaking by the electric slag remelting method] Proizvodstvo stali metodom elektroshlakovogo pereplava. Moskva, Metallurgizdat, 1962. 237 p.
Mechanism of the desulfuration of steel. V. N. Shikhov. Trudy Ural. politekh. inst. no. 93. 111-122 '59.
New technology for the manufacture of silver steel from R18 tool steel. IA. Kh. Sartan. Metallurg 7 no. 2. 31-33 F '62.
Refining converter steel in the ladle with liquid synthetic slag S. G. Voinov and others Stal' 22 no. 4. 329-331 Mr '62.

STEEL—TESTING
Distribution of cracks in carbon steel V. M. Finkel', L. A. Kutkin Fiz. met. i metalloved. 13 no. 1. 114-120 Ja '62.
Effect of induction hardening on the properties of steel. K. Z. Shepeliakovskii. Metalloved. i term. obr. met. no. 2. 15-19 F '62
Methods for plotting deformation diagrams in impact tension tests of steel. Zav. lab. 28 no. 2. 212-213 '62
Pearlite EP44(TsZh10) steel with relaxation tests at temperatures ranging from 565°C to 600°C. I. I. Volkova, Z. N. Petropavlovskaia. Energomashinostroenie 8 no. 1. 33-36 Ja '62
Quality of 1Kh10N2AG5 (EP26) steel. A. Golikov. Metalloved. i term. obr. met. no. 2. 40-41 F '62.

STEEL—THERMAL PROPERTIES
Effect of heat treatment on the heat conductivity and electric conductivity of 15Kh12VMF (EI802) steel I. K. Kirzhizhanovskii Metalloved. i term. obr. met. no. 2. 48-49 F '62
Temperature relation of the heat conductivity and the electric resistivity of 45 steel with various pearlite V. G. Mikriukov. Metalloved. i term. obr. met. no. 2. 52 F '62.

STEEL—WELDING
Friction welding in the manufacture of turbine rotors L. A. Shternin, E. S. Komarcheva, I. G. Val'tsev. Avt. svar. proizv. no. 1. 11-16 Ja '62.

STEEL, HEAT RESISTANT
Use of EI802 steel for work at 600° I. S. Trubnikov, V. V. Voeikov Metalloved. i term. obr. met. no. 2. 49-51 F '62.

STEEL, STAINLESS
Cutting of stainless steel with standard cutters. V. D. Taran, IU. A. Kalachev. Svar. proizv. no. 1. 44-45 Ja '62.
Production of ocular trephines from KhI10 stainless steel T. A. Slinkova, G. S. Keilin. Med. prom. 16 no. 2. 42 F '62.

STEEL, STAINLESS—BRITTLENESS
Brittleness of austenitic steels [from "Ilevan Metall urgie," no. 8, 1960] Metalloved. i term. obr. met. no. 2. 58-59 F '62.

STEEL, STAINLESS—CONGRESSES
Some results of the International Symposium on Stainless Steels. A. A. Babakov Metalloved. i term. obr. met. no. 2. 56-57 F '62.

STEEL, STAINLESS—CORROSION
Theory of the intercrystallite corrosion of stainless steels. Fiz. met. i metalloved. 13 no. 1. 82-95 Ja '62

STEEL, STAINLESS—ELECTROMETALLURGY
Pouring of stainless steel with addition of magnesium alloy chips. V. P. Frantsov and others. Stal' 22 no. 3. 238-239 Mr '62.

STEEL, STAINLESS—HARDENING
Increasing the toughness of stainless chromium steel L. N. Saratovskii, V. S. Liashchenko, M. D. Abramov. Metalloved. i term. obr. met. no. 2. 20-22 F '62.

STEEL, STAINLESS—METALLOGRAPHY
New 1Kh18N2AG5 stainless steel. D. A. Odinokii. Stal' 22 no. 3. 264-267 Mr '62.
Structure and properties of 1Kh18N2AG5 (EP26) stainless steel. D. A. Odinokii, V. M. Vozdvizhenskii Metalloved. i term. obr. met. no. 2. 36-39 F '62

STEEL, STAINLESS—METALLURGY
Use of titanium sponge in the making of stainless steel N. S. Vachugova Metallurg 7 no. 2. 25 F '62

STEEL, STAINLESS—TESTING
Chromium-manganese-nickel-nitrogen stainless steels with titanium, niobium and molybdenum. A. P. Gulyaev, IU. S. Medvedev. Metalloved. i term. obr. met. no. 2. 21-26 F '62.

STEEL, STAINLESS—WELDING
ANF-16 flux for the mechanized welding of stainless steels. I. I. Kumysh. Avtom. svar. 15 no. 4. 91-93 Ap '62.

STEEL, STRUCTURAL
Ways of saving steel in the construction of steel roofs in consolidated industrial buildings. I. Sereberennikov. Prom. stroi. i inzh. soor. 3 no. 2. 21-24 Mr-Ap '61.

STEEL, STRUCTURAL—TESTING
Development of plastic deformations in structural steels in a uniform and nonuniform stressed state. V. I. Trofimov. Trudy TSNIISK no. 7. 321-331 '61.

STEEL ALLOYS
Conference on the coordination of research on low alloy steels. I. M. Leikin, O. A. Torpanova. Stal' 22 no. 3. 268-269 Mr '62.

STEEL ALLOYS (Continued)

Effect of aluminum on the structure and properties of medium-carbon phosphorus steel with high nitrogen content V. N. Svechnikov, I. Kh. Trush. Metalloved i term. obr. met., no. 2, 2-6, F '62

STEEL ALLOYS—CORROSION

Intercrystalline corrosion of type 1Kh18N9T steels in distilled water. V. V. Gerasimov, V. N. Aleksandrova. Metalloved. i term. obr. met., no. 2, 53, F '62

STEEL ALLOYS—HARDENING

Effect of high temperature thermomechanical treatment on the fine crystal structure of austenitic steels and alloys. M. G. Lozinskii and others. Fiz. met. i metalloved., 13, no. 1, 137-141, Ja '62

STEEL ALLOYS—HEAT TREATMENT

Improving the mechanical properties of lightweight rolled shapes made of carbon and low-alloy steels. L. Z. Freidenzon. Stal', 22, no. 3, 262-263, Mr '62

STEEL ALLOYS—WELDING

Automatic welding of low-alloy 16KhSND steel in an atmosphere of carbon dioxide. N. N. Belous. Svar. proiz., no. 1, 28-31, Ja '62

STEEL CASTINGS

Effect of slag composition on the quality of high manganese steel castings. I. I. Raev, L. B. Khaina. Lit. proizv., no. 3, 8-10, Mr '62.

Hygienic characteristics of a new method for casting steel [with summary in English]. L. P. Bobrova. Gig. truda i prof. zab., 4, no. 2, 17-20, F '60

STEEL INDUSTRY

(see also subdivision under Donets Basin, Georgia, India; Nowa Huta, Poland; Sverdlovsk Province, Ukraine; Volgograd; Zaporozh'ye; Zhdanov)

Complete automation of industry is a decisive factor in carrying out the party's resolutions. B. M. Zvenigorodskii, A. B. Chelnokhkin. Stal', 22, no. 3, 193-196, Mr '62

Our work commission. I. Degtiarev. Sov. profsoiuzy, 18, no. 5, 24-26, F '62

The studio of the steel industry. Sov. profsoiuzy, 18, no. 6, 14-15, Mr '62.

STEEL INDUSTRY—HYGIENIC ASPECTS

Some industrial hygiene problems in the operation of electric steel furnaces [with summary in English]. F. M. Shleifman, A. P. Okhrimenko, N. A. Horodianskii. Gig. truda i prof. zab., 4, no. 12, 12-15, D '60

STEEL INDUSTRY—QUALITY CONTROL

Efficiency of the new forms of quality control. I. Koton. Sots. trud, 7, no. 3, 123-126, Mr '62.

STEEL INDUSTRY—SAFETY MEASURES see subdivision under Zhdanov

STEEL INGOTS

Directional properties and solidification characteristics of variously shaped ingots. S. IA. Skoblo. Stal', 22, no. 3, 219-223, Mr '62

Improvement of steel structure during the vibration of steel being crystallized. A. A. Romanov, P. V. Umrikhin. Trudy Ural. politekh. inst., no. 93, 136-151, '59.

Rapid heating of stainless steel ingots in soaking pits with central heating. E. P. Blokhin and others. Stal', 22, no. 3, 276-279, Mr '62

Use of large R18 steel ingots and the technology of their forging. M. IA. Dzugutov, IU. V. Vinogradov. Kuz.-shtam. proizv., 4, no. 3, 11-14, Mr '62.

STEEL PIPE see Pipe, Steel

STEELWORKS

Light of socialism. Liudovit Pad. Uzbekiston, 21, no. 1, 8 Ja '62.

STEELWORKS—TECHNOLOGICAL INNOVATIONS see subdivision under Rustavi

STEFANYK, VASYL' SEMENOVYCH, 1871-1936—BIBLIOGRAPHY see Bibliography—Stefanyk, Vasyl' Semenovych, 1871-1936

STEPANAVAN DISTRICT—HYBRID CORN

Cytological and embryological investigation of some hybrids of corn and their parental forms in Stepanavan District [in Armenian with summary in Russian]. S. A. Sogomonian. Izv. AN Arm. SSR, Biol. nauki, 14, no. 12, 85-89, D '61.

STEPPE FLORA see subdivision under Dzhida Valley; Kazakhstan; Siberia

STEREOCHEMISTRY

Stereochemistry of cyclic compounds. Part 46. Configuration of adducts of trans-1-vinyl-6-keto-9-methyl-Δ¹-octalin with maleic anhydride. V. F. Kucherov, L. M. Mil'shtein, L. A. Gurvich. Zhur. ob. khim., 32, no. 3, 765-773, Mr '62.

STERILITY

Method for sperm examination in childless marriages. M. A. Kunin. Sov. med., 25, no. 2, 138-140, F '62.

STERILITY IN PLANTS

Sterility in Unshiu tangerines and its relation to desoxyribonucleinic acid [with summary in English]. L. S. Kapanadze. Subtrop. kul't., no. 1, 76-80, '61.

STERILIZATION

Letter to the editor concerning G. P. Stepanov's article, "Sterilization of Francke's needles by heating for the purpose of preventing viral hepatitis." S. N. Fel'dman and others. Zhur. mikrobiol., epid. i immun., 33, no. 1, 158-159, Ja '62.

STERILIZATION—EQUIPMENT AND SUPPLIES

Device for surface gram sterilization [with summary in English]. A. P. Ordin. Mikrobiologiia, 31, no. 1, 158-159, Ja-F '62

STERNBERGIA see subdivision under Azerbaijan

STEROID HORMONES

Characteristics of the course of experimental cytotoxic nephritis under the influence of steroid hormones [with summary in English]. L. R. Poliantseva. Pat. fiziol. i eksp. terap., 6, no. 1, 63-69, Ja-F '62

STEROIDS

New possibility of building up a ring system of the CD steroid molecule. V. I. Gunar, S. I. Zav'ialov. Izv. AN SSSR, Otd. khim. nauk, no. 3, 527-529, Mr '62

Search for steroid sapogenins as sources of raw materials for steroid hormones. O. S. Madaeva. Med. prom., 15, no. 6, 35-38, Je '61

Secretion of 17-ketosteroids in chronic hepatitis, cirrhosis of the liver, Botkin's disease. I. G. Daniliak. Kaz. med. zhur., no. 1, 29-30, Ja-F '62.

STETSENKO, KYRYLO HRYHOROVYCH, 1882-1922

The folk song sources of K. Stetsenko's work. L. O. Parkhomenko. Nar. tvorch. ta etn., 5, no. 4, 55-62, O-D '61

K. H. Stetsenko. IEvhen Krotevych. Ukraina, no. 2, 20, Ja '62.

STILBENE—SPECTRA

Synthesis and ultraviolet absorption spectra of p-monohalo-substituted derivatives of trans-stilbene. L. IA. Malkes, A. I. Timchenko, L. L. Nagornaia. Zhur. ob. khim., 32, no. 3, 893-896, Mr '62.

STILLBIRTH

Morphological bases for the concepts, "intrauterine asphyxia" and "birth injury" in born infants. A. A. Kulikovskaia. Vop. okh. mat. i det., 7, no. 1, 8-15, Ja '62.

STILL-LIFE PAINTING

Remarks on still-life painting. N. Tret'iakov. Iskusstvo, 25, no. 2, 20-21, '62.

STOCK AND STOCKBREEDING

(see also subdivision under Chechen-Ingush A.S.S.R., Kirghizistan; Latvia, Mordovo District; Shuya District; Tajikistan; Ukraine)

Bieliukiene, Sabina. [What a livestock breeder should know about vitamins] Ka turi zinoti gyvulių anglintojui apie vitaminus. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 79 p. [In Lithuanian] (DA)

Esaulov, P. A., and S. S. Shain. [Fundamentals of stockbreeding, textbook for students of the 9th grade in rural schools] Mal sharunshyfygy negizderi, auyl-selo mektebinin IX klasyna arnalgan oku kuraly. Alma-Ata, Kazakstyn memlekettik oku-pedagogika baspasy, 1960. 197 p. [In Kazakh] (DA)

Karmyshev, Abdykadyr. [Our practices of mechanizing livestock farms] Nash opyt mekhanizatsii truda v zhivotnovodstve. Frunze, Kirgizskoe gos. izd-vo, 1960. 57 p. (Peredovoi opyt v sel'skom khoziaistve Kirgizii) (DA)

Use of biostimulants in stockbreeding. A. M. Nazarenko. Shkola i proizv., 6, no. 1, 43-47, Ja '62.

STOCK AND STOCKBREEDING—FEEDING AND FEEDS see subdivision under Orgeyev District; Telenesht District; Tiraspol' District

STOILOW, SIMION, 1887-1961

Simion Stoilow, an obituary. Usp. mat. nauk, 17, no. 1, 135-148, Ja-F '62.

"STOLBY" STATE PRESERVE

["Stolby" State Preserve] Gosudarstvennyi zapovednik "Stolby." [Krasnoiarsk, Krasnoiarskoe knizhnoe izd-vo, 1961] 1 v. (chiefly illus.) [MICROFILM]

STOMACH

Characteristics of compensation of functional disturbances of the stomach and small intestine following resection of the esophagus [with summary in English]. G. A. Orlov. Grud. khir., 1, no. 4, 66-71, Jl-Ag '59.

Clinical roentgenological observations of dynamical changes in gastric activity prior to and following pneumonectomy [with summary in English]. V. I. Struchkov, P. N. Demidkin. Grud. khir., 1, no. 4, 53-62, Jl-Ag '59

Compensation of gastric secretion and evacuation following intrathoracic resections of the esophagus for esophageal tumors [with summary in English]. E. V. Loskutova. Grud. khir., 2, no. 3, 85-92, My-Je '60

Experimental histological study of the changes in the epithelium of the stomach in prolonged regular recurrent thermal stimulation [with summary in English]. L. A. Sharai. Arkh. anat. gist. i embr., 41, no. 12, 44-56, D '61

New method of forming an isolated gastric pouch [with summary in English]. E. I. Rozova. Biul. eksp. biol. i med., 52, no. 7, 119-120, Jl '61

Secretory and evacuatory function of the stomach in mitral stenosis. G. D. Tretiak. Vrach. delo, no. 8, 123-124, Ag '61.

STOMACH—ABNORMITIES AND DEFORMITIES

Case of a thoracic stomach. S. A. Peper. Med. zhur. Uzb., no. 4, 68-69, Ap '60.

STOMACH—CANCER

"Cancer of the cardiac part of the stomach" by IU. E. Berezov. Reviewed by N. I. Krakovskii. Eksp. khir. i anest., 6, no. 5, 57-59, S-O '61

Cancer of the cardial segment of the stomach, combined with a large fibroma of the lesser omentum. I. B. Akaevskii. Khirurgiia, no. 3, 119-120, '62.

Cancer of the stomach and tuberculosis of the liver. G. N. Abzhigitov. Khirurgiia, no. 3, 103-104, '62.

Changes in the intra-organic lymphatic system of the rabbit stomach after damage of its wall by a Brown-Pearce tumor. V. N. Balashev. Biul. eksp. biol. i med., 52, no. 11, 106-110, N '61

Effectiveness of splenoportography in metastasis symptoms of cancer of the stomach and pancreas [with summary in English]. L. I. Kraitsar and others. Vest. khir., no. 9, 45-49, '61.

Reticulosarcoma of the stomach. T. Burghele, B. Proca. Khirurgiia, no. 3, 69-74, '62

State of the carbohydrate function of the liver after resection of different segments of the stomach and gastrectomy in cancer. N. N. Kuznetsov. Khirurgiia, no. 3, 41-46, '62.

STOMACH—DISEASES

Clinical aspects and treatment of gastric tetany. A. A. Nikishenko. Vrach. delo, no. 2, 35-37, F '62

Diverticula of the stomach. A. F. Adrianovskii. Kaz. med. zhur., no. 5, 36-39, S-O '61.

Diverticula of the stomach. S. S. Avedisov, I. M. Inoiatov. Khirurgiia, no. 3, 99-101, '62.

Effect of Morshin mineral water on gastric leucopedesis. M. V. Polishchuk. Vrach. delo, no. 2, 141-143, F '62

Filling defect of the stomach caused by pressure of the splenic artery. A. N. Mironov. Vest. khir., no. 9, 126, '61

Gastric secretory function in the treatment of peptic ulcer and chronic gastritis with Vitamin B_1 and nicotinic acid. V. I. Chernov, IA. I. Tomashevskii. Vrach. delo, no. 8, 138-139, Ag '61.

Physiological role of nutritional disorders in the etiology of diseases of the gastrointestinal tract [with summary in English]. N. I. Putilin. Vrach. delo, no. 2, 9-15, F '62.

Torsion of the stomach, spleen and tail of the pancreas. N. G. Zuev. Khirurgiia, no. 3, 118-119, '62.

STOMACH—INFLAMMATION

Preventive treatment of recurrent peptic ulcers and gastritis. M. D. Bykhovets. Vrach. delo, no. 8, 125, Ag '61.

Zhulkovskii, V. K. [Gastritis and ulcer] Gastrits un čulas slimība. Riga, Latvijas Valsts izdevnieciba, 1961. 78 p. (Veselibas biblioteka) [In Latvian] (DNLM)

STOMACH—INNERVATION

Reflex reactions of the gustatory receptors of the tongue in direct excitation of the gastric receptors [with summary in English]. N. S. Zaiko, E. S. Lokshina. Biul. eksp. biol. i med., 53, no. 1, 12-14, Ja '62.

STOMACH—SECRETIONS

Effect of a single use of Dzhermuk mineral water on the secretory and motor functions of stomach by the method of prolonged lavage [in Armenian with Russian summary]. S. G. Khodzhumian. Izv. AN Arm. SSR, Biol. nauki, 14, no. 11, 73-79, N '61.

Effect of some milk products on the secretory function of the stomach [with summary in English]. L. E. Mkrichian. Vop. pit., 21, no. 2, 33-36, Mr-Ap '62.

Experimental data on the effect of mineral waters from the Dzhusaly Springs on the secretory function of the stomach. A. L. Kornakova. Zdrav. Kazakh., 22, no. 1, 50-53, '62.

Gastric secretory function during folic insufficiency due to the administration of aminopterin. S. IA. Mikhlin, M. F. Nesterin. Vrach. delo, no. 8, 3-6, Ag '61.

Investigating the secretory function of the stomach. G. B. Petriashvili. Soob. AN Gruz. SSR, 27, no. 3, 333-339, S '61.

IUdin, S. S. [Selected works; surgery of peptic ulcer of the stomach and neurohumoral regulation of gastric secretions in man] Izbrannye proizvedeniia, khirurgiia iazvennoi bolezni zheludka i neiro-gumoral'naia reguliatsiia zheludochnoi sekretsii u cheloveka. Moskva, Medgiz, 1962. 364 p.

STOMACH – SECRETIONS (Continued)

Physiological and dosimetric studies on the effect of radon water administered internally on the secretory function of the stomach [with summary in English] V. M. Dernabina and others, Med rad no 3 38-45 '62

Probeless determination of the functional state of gastric secretion N. A. Bisikalova, B. M. Shchepotin Vrach. delo no 2 136-139 F '62

Regeneration of the mucous membrane of the stomach and decreased secretion after partial excision of the mucosa [with summary in English] L. Chirnitză and others, Stud. cercet. fiziol. 7 med 52 no 11 115-118 N '61

STOMACH—SURGERY

Acute cholecystitis after resection of the stomach. M. D. Sklyarets. Vest. khir. no. 3 119-120 '62.

Acute pancreatitis as a complication after resection of the stomach. V. A. Zakharov. Vest. khir. no. 3 105-107 '62.

Analysis of the immediate and late results of treatment of perforating ulcers of the stomach and duodenum by the method of suturing a primary resection [with summary in English] A. K. Tuaev. Khirurgiia no 3 52-55 '62

Change in the protein fractions of the blood serum before and after resection of the stomach. T. A. Kadoshchuk Vest. khir. no. 9 37-44 '61

Effect of gastric resection on carbohydrate metabolism A. F. Ageev. Kaz. med. zhur. no 5,39-42 S-O '61

Functional characteristics and morphological changes of the stomach following transpleural resection of the esophagus and cardia [with summary in English] IU. S. Liadov. Grud. khir. 2 no. 1 99-104 Ja-F '60

Immediate and late results of different surgical interventions for perforating ulcers of the stomach and duodenum. IU. I. Orlenko, M. P. Brusnitsyna, S. N. Birmanova. Khirurgiia no. 3 47-51 '62.

Introduction of the small intestine through and gastroenterostomic opening into the stomach. F. A. Kadyrov, S. N. Ventsamanov. Khirurgiia no. 3 115-117 '62.

Late results following resection of the stomach for exclusion in ulcers of the duodenum. I. K. Ivinskaia. Khirurgiia no. 3 55-58 '62

Late results of resection of the stomach in peptic ulcer [with summary in English] B. L. Meerovich Vest. khir. no. 9 32-37 '61

Morphological changes in the adrenals and functional disorders in the sympathoadrenal system following gastric resection I. V. Stantsev, F. N. Kazantsev Sov. med. 25 no. 2 63-70 F '62

Multiple retrograde invagination of the small intestine into the stomach through a gastrointestinal anastomosis P. I. Kulpin. Vest. khir. no. 3 122-124 '62.

New methods of including the duodenum in digestion after resection of the stomach [with summary in English]. A. S. Gadzhiev, N. S. Zhigalko Khirurgiia no. 3 65-69 '62.

Pathogenesis and prevention of complications following operations to replace the stomach with a loop of jejunum. N. S. Timofeev Vest. khir. no. 9 10-21 '61

"Peptic ulcer in young people and its surgical treatment" by M. M. Levin. Reviewed by I. L. Bregadze Vrach. delo no. 8 147-148 Ag '61

Reconstructive gastrojejunoduodenoplasty in pathological syndromes after resection of the stomach. IU. T. Komorovskii. Vest. khir. no. 3 32-43 '62.

Repeated operations for peptic ulcer of the stomach and duodenum [with summary in English] V. S. Shapkin Vest. khir. no. 9 21-29 '61

Repeated operations on the stomach. K. A. Muzhka Vrach. delo no. 8 103-106 Ag '61.

Repeated resection of the stomach in perforating ulcer of the gastrointestinal anastomosis. T. S. Viliamovskii. Vest. khir. no. 3 120-121 '62.

Resection of the stomach for a congenital anomaly in the [illegible] of different segments of the stomach and gastrectomy in cancer. N. N. Kuznetsov. Khirurgiia no. 3, 41-46 '62.

Tracheostomy as a method for preventing respiratory insufficiency after surgery on the esophagus and cardia [with summary in English]. IU. E. Berezov and others Vest. khir. no. 3, 3-9 '62.

STOMACH—TUMORS

Case of a primary gastric sarcoma L. G. Khachiev. Med. zhur. Uzb. no. 4 67-68 Ap '60

Leiomyoma of the cardiac portion of the stomach. IU. S. Khomiakov, O. I. Zhmur Grud. khir. 1 no 4 94-95 Jl-Ag '59

STOMACH—ULCERS

Changes in the secretory activity of the stomach in patients with ulcers following administration of large amounts of the Borzhomi mineral water. TS. P. Dzhugeli Soob. AN Gruz. SSR 27 no. 3;363-367 S '61

Penetration of a gastric ulcer into the left cardiac ventricle. N. I. Timofeeva, B. A. Kronrod Grud. khir. 2 no. 3 100-102 My-Je '60.

Peptic ulcers I. S. Savoshchenko. Sov. klin. 1 med. 11 no. 1 22-23 Jl-Ag '61

Perforation of peptic ulcer in association with hemorrhage E. A. Gropianov, N. B. Sitkovskii Vrach. delo no. 8 121-125 Ag '61.

Role of chronic diseases of the abdominal organs in the course of peptic ulcer N. A. Aushev Vrach. delo no. 8 10-13 Ag '61

Simultaneous perforation of the stomach and vermiform process. I. E. Korzhev. Vest. khir. no. 1 121-122 '62

Threefold perforation of the stomach by an ulcer R. M. Borushkov Vest. khir. no. 9 127 '61

Treatment of gastric ulcer with tetamon-I IU. K. Ol'shanetskaia Vrach. delo no. 8 20-24 Ag '61.

Use of hexonium in the treatment of gastric ulcer. A. P. Okushev, L. S. Dmitrienko. Vrach. delo no. 8 14-20 Ag '61

Zhulovskii, V. K. [Gastritis and ulcer] Gastrity i iazvennaia bolezn'. Riga, Latvijas Valsts izdevniecibā, 1961. 76 p. (Veselibas bibliotēka) [in Latvian] (DNLM)

STOMATOLOGY

(see also subdivision under Perm)

Urgent problems in modifying reports and records of stomatological services to the public G. V. Bazhan, G. A. Novgorodtsev Zdrav. Ros. Federa. 6 no. 1 11-13 Ja '62

STONE, CAST

To the agenda of the Technical Committee of the Moscow City Economic Council. N. Mikhalev. Izobr. i rats. no. 2 8-9 F '62.

STONE, CRUSHED

Separator for removing clay from crushed stone and gravel. F. IA. Levit. Mekh. stroi. 19 no. 3 18-19 Mr '62.

STONE AGE see subdivision under Balkhash Lake region; Chingiz-Tau, Gomel' Province, Molodova, Kel'mentsy District, Nezviska region, Russia, Southern

STONE IMPLEMENTS see subdivision under Cheremosh Valley, Crimea, Moscow Province

STONECUTTING

Gas torches for drilling and working stone. A. V. Bolotov. Mekh. stroi. 19 no. 3 16-17 Mr '62

STONY TUNGUSKA VALLEY see Podkamennaya Tunguska Valley

STOPING (MINING)

(see also subdivision under Kirghizistan)

Comparing methods of drawing and loading ore in shrinkage stope mining N. G. Ialymov Izv. AN Kir. SSR Ser. est. tekh. nauk 3 no. 3 65-75 '61

STORAGE BATTERIES

Device for cleaning storage batteries. F. Voloshchenko Voen. vest. 41 no. 2 108-109 F '62

STORAGE BATTERIES—HYGIENIC ASPECTS

"Labor hygiene in the production, repair, and charging of lead storage batteries" by A. A. Krasnovskii and T. S. Karacharov. Reviewed by V. D. Baitenev Gig. truda i prof. zab. 4 no. 2 55-56 F '60.

STORES, RETAIL

(see also subdivision under Hungary)

Store interiors K. L. Iogansen Stroi. i arkhit. Len. 23 no. 11 23-25 N '61.

on under Murman Coast, Tsellino-

see Magnetic storms

STRABISMUS

Forceps-localizer for recession operation in strabismus [with summary in English] N. I. Pul'man Oft. zhur. 17 no. 1 59-60 '62.

STRAINS AND STRESSES

Approximate energy method of determining stresses producing plastic flow in metals. A. D. Tomlenov. Kuz.-shtam. proizv. 4 no. 3 8-11 Mr '62.

Calculating ultimate shearing stress in suspensions with particles having a rigid dipole moment M. P. Volarovich, A. M. Gutkin Dokl. AN SSSR 143 no. 4 896-897 Ap '62.

Comparative results of long-duration relaxation tests of ring specimens manufactured by different methods. A. M. Borzdyka, V. A. Uzhikhk. Zav. lab. 28 no. 2 211-214 '62

Determination of residual stresses in the brake drums of airplane wheels F. I. Filatov, A. I. Kolpashnikov. Zav. lab. 28 no. 2 223-224 '62.

Determining the values of forces needed for [illegible] displacement of parts. M. I. Voronin. [illegible] no. 3 69-70 Mr '62

Effect of a creep on the stressed state of [illegible] triangular wedge [with summary in English] [illegible] Shul'man Inzh.-fiz. zhur. 5 no. 1 103-[illegible]

Effect of the hardness of material and ball [illegible] on the sensitivity to stress concentration [illegible] M. L. Lurovskii, V. IA. Il'ichev. Vest. mash. [illegible] no. 3 17-19 Mr '62.

Measuring lattice parameters and [illegible] first order by means of X rays M. M. [illegible] met. i metalloved. 11 no. 1 116-118 Ja '61

Method for investigating stress relaxation in [illegible] ing in a rapid body frame B. M. Bukhmin [illegible] 28 no. 2 209-211 '62

Optical phenomena in connection with the passage of oblique rays of light through photoelastic models [with summary in English]. R. Aben Izv. AN [illegible] Ser. fiz.-mat. i tekh. nauk 10 no. 2 97-104 '61

Using electronic computers in the solution of [illegible] biharmonic problems [with summary in English] M. I. Dlugach, A. I. Shynkarenko Prykl. mat. i [illegible] 160-179 '62.

STRASHENY DISTRICT—VITICULTURE

Stones will produce wine. I. Barokli. [illegible] no. 3,26 Mr '62

STRAWBERRIES see subdivision under Rostov [illegible]

STRAZHESKO, NIKOLAI DMITRIEVICH, 1876-[illegible]

Academician N. D. Strazhesko's 85th birthday. [illegible] Mikhailov, K. F. Duplenko. Fiziol. zhur. [illegible] 841-845 N-D '61.

STREAM CROSSING, MILITARY

Layout of a passage through ice. L. Berdichev [illegible] 41 no. 12 84-87 D '61

STREAM MEASUREMENTS

Eipre, T. F. [Analysis of methods used in computing daily discharges of rivers] Analiz sposobov [illegible] lenin ezhednevnykh raskhodov vody rek. Pod red. V. V. Ukhanova. Leningrad, Gidrometeor. [illegible] 90 p. 11 diagrs.

Integrator pole for measuring the mean velocity of flow of water at the vertical observation [illegible] metering section. V. E. Vid. Meteor. i [illegible] 55-57 Mr '61.

New method of float observations during the [illegible] nacle. S. Vinokurov Rech. transp. [illegible] '62.

Roughness coefficient of small river and [illegible] into during low-water periods in connection with filling of the stream channel with deposits [illegible] the discharge measurement technique [illegible] Izv. Kazakh. fil. AN SSSR, Ser. energ. i [illegible] 67-78 '61

Use of many-day self-recording rain gauge [illegible] recorders. N. A. Zykov. Meteor. i gidrol. [illegible] Mr '62

STREET LIGHTING

Russia (1917- R. S. F. S. R.) Ministerstvo [illegible] nogo khoziaistva. [Outside lighting in cities] Na[illegible] osveshchenie gorodov. Moskva, 1961. 63 p.

STRENGTH OF MATERIALS

Comments on the article "Effect of the boundary body on the development of brittle-breaking [illegible] published in "Izvestiia AN SSSR, OTN, Mekhanika i mashinostroenie," no. 3, 1961. G. I. Barenblatt, [illegible] Cherepanov. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 1 153 Ja-F '62.

Filonenko-Borodich, M. M., and others. [Strength of materials course] Kurs soprotivleniia materialov. Pod obshchei red. M. M. Filonenko-Borodicha. [illegible] perer. Moskva, Gos. izd-vo fiziko-matem. lit-ry. Pt. 1. 1961. 356 p.

Graphic solution of rupture problems with a [illegible] field of stresses M. A. Lipson. Inzh. zhur. [illegible] 138-146 '62.

Laws governing variations in the creep strength of [illegible] under high-speed loading and at low temperatures and their significance in estimating the danger of [illegible] failure. G. V. Uzhik, IU. IA. Voloshenko-Klin. [illegible] Dokl. AN SSSR 143 no. 4 802-804 Ap '62.

Problem of the viscous plastic flow considering [illegible] strengthening of the material K. N. Smirnov [illegible] zhur. 2 no. 1 200-203 '62

Pysarenko, H. S., and V. T. Troshchenko. [Statistical theory of strength and its application to certain [illegible] materials] Statystychni teorii mitsnosti ta ikh zastosuvannia do metalokeramichnykh materialiv. Kyiv, [illegible] Akad. nauk URSR, 1961. 104 p.

Regularities in the changes of the yield point at [illegible] speeds of loading and low temperatures [illegible] shenko-Klimovitskii Izv. AN SSSR. Otd. tekh. [illegible] Mekh. i mashinostr. no. 1 154-156 Ja-F '62

[Statistical methods for investigating the strength of materials in the manufacture of machinery] Statisticheskie voprosy prochnosti v mashinostroenii. Moskva, Mashgiz, 1961. 72 p.

STREPTOCOCCAL INFECTIONS

Some histochemical data on experimental streptococcal myocarditis V P Lavrov. Zhur. mikrobiol., epid. i immun. 33 no. 1 129 Ja '62

Streptococcal diseases of the upper respiratory tract, their prevention and treatment [with summary in English]. P P Sakharov. Terap. arkh. 34 no. 3 20-28 '62.

STREPTOCOCCUS

Antibodies reacting with human heart tissue in antistreptococcic rabbit serum [with summary in English] I M Lampert and others. Zhur. mikrobiol., epid. i immun. 33 no. 2 62-68 F '62

STREPTOMYCIN

Clinical aspects and surgical treatment of late spinal complications (cholesteatomas) following tuberculous meningitis treated by the endolumbar administration of streptomycin F. A. Azarova, I. V. Vovnianko, V. F. Figinson. Zdrav. Kazakh. 22 no. 1 15-17 '62

Determining the calcium in a calcium chloride complex of streptomycin by the complexometric titration method. L. P. Snezhnova. Med. prom. 16 no. 2 49 F '62.

Obtaining streptomycin-producing variants under the influence of actinophages of "zero" mutants of the LS-1 strain of Act. streptomycini [with summary in English] S. I. Alikhanian, A. F. Tetelatnik. Mikrobiologiia 31 no. 1:51-60 Ja-F '62

Production of highly purified streptomycin sulfate by means of carboxy cation exchange resins L. F. IAkhontova and others. Med. prom. 15 no. 6 26-32 Je '61

Results of the experimental and clinical study of pantomycin [with summary in English] E. N. Lazareva and others. Antibiotiki 6 no. 11:959-963 N '61.

Role of amides in the biosynthesis of streptomycin [with summary in English]. V. A. Severina, S. V. Gorskaia, I. V. Grancheva. Vop. med. khim. 7 no. 4 125-133 Jl-Ag '62.

Spinal epidermoids (cholesteatomata) following repeated endolumbar administration of streptomycin [with summary in English]. Iu. S. Brodskii, B. A. Pel'ts. Vrach. delo no. 8:65-70 Ag '61

Variability of the paratyphoid B and breslau bacilli during the process of their adaptation to levomycetin and streptomycin under various conditions of aeration [with summary in English]. E. G. Livkina, O. V. Gorokhova. Antibiotiki 7 no. 4:305-309 Ap '62.

STRESS (PHYSIOLOGY)

Acute adrenocortical insufficiency; survey of the pertinent literature. V. A. Kovanev. Grud. khir. 2 no. 1:122-127 Ja-F '60.

Determining the physical and mental strain of work [with summary in English]. A. M. Volkov. Gig. truda i prof. zab. 4 no. 11:10-13 N '60.

Effect of certain external factors on blood lipids [with summary in English] G. A. Glezer, L. A. Miasnikov. Kardiologiia 1 no. 3:75-78 My-Je '61

Effect of overstraining the process of differential inhibition on the microstructure of the thyroid gland in white rats [with summary in English] N. E. Kovaleva. Biul. eksp. biol. i med. 53 no. 2 67-72 F '62

Effect of physical load on the distribution of glycogen and proteins in the heart muscle of white rats [with summary in English]. L. I. Muzykant. Biul. eksp. biol. i med. 53 no. 1:56-59 Ja '62.

Physiological criteria and methods for determining the physical strain of any work [with summary in English]. M. V. Lelnik. Gig. truda i prof. zab. 4 no. 11:3-10 N '60.

Some medical theories in the West (Selye concept). IA. IA. Gordon. Med. zhur. Uzb. no. 4:5-11 Ap '60.

STRIKES AND LOCKOUTS
(see also subdivision under Great Britain)

Class struggle in capitalist countries Sov. profsoiuzy 16 no. 3 40-41 F '62

STRIKES AND LOCKOUTS—COAL MINING see subdivision under Decazeville, France

STRIKES AND LOCKOUTS—GOLD MINING see subdivision under Bodaybo District, Lena Valley

STRIKES AND LOCKOUTS—MACHINERY INDUSTRY see subdivision under Great Britain

STRIKES AND LOCKOUTS—SHIPBUILDING WORKERS see subdivision under Great Britain

STRIP MINING
(see also subdivision under Kazakhstan)

Analysis of proposed solutions for conveyor haulage of the overburden in coal pits. Trudy Gor.-geol. inst. UFAN SSSR no. 57:3-15 '61.

Coordination of calculations of the stability of pit sides and the technology and parameters of mining operations M. L. Rudakov. Trudy Gor.-geol. inst. UFAN SSSR no. 57 83-90 '61.

Determination of the depth limit of pits based on labor indices. B. V. Faddeev. Trudy Gor.-geol. inst. UFAN SSSR no. 57:47-49 '61.

Determination of the slope angle of a temporarily preserved pit side. V. S. Khokhriakov. Trudy Gor.-geol. inst. UFAN SSSR no. 57:101-108 '61.

Economic limits of changes in the depth of ore pits. L. E. Zubrilov. Trudy Gor.-geol. inst. UFAN SSSR no. 57:51-57 '61.

Mel'nikov, N. V. [Open-pit mining handbook for the engineer and technician] Spravochnik inzhenera i tekhnika po otkrytym gornym rabotam. Izd. 4, perer. i dop. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 799 p.

New method of determining the boundaries of open mining operations V. A. Shestakov, G. V. Seliverstov, E. G. Baranov. Izv. AN Kir. SSR Ser. est. i tekh. nauk 3 no. 3 47-64 '61

Preventing the sliding of pits sides M. L. Rudakov. Trudy Gor.-geol. inst. UFAN SSSR no. 57 59-65 '61.

Searching for deposits suitable for open-pit mining V. S. Ogarkov. Razved. i okh. nedr. 27 no. 12 5-10 D '61

State of and problems in future studies of the stability of pit sides. M. L. Rudakov. Trudy Gor.-geol. inst. UFAN SSSR no. 57 127-136 '61

Using conveyor haulage in ore pits. G. V. Parfenov. Trudy Gor.-geol. inst. UFAN SSSR no. 57 17-22 '61

Zvlagintseva, K. M. [Economics of strip mining of coal for coking] Ekonomika otkrytoi dobychi uglei dlia koksovaniia. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 83 p. (CU)

STRIP MINING—EQUIPMENT AND SUPPLIES

[Handbook for the operator and mechanic of open-pit mine equipment] Spravochnik mekhanika ugol'nogo kar'era. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 639 p.

STROMATOPOROIDEA

IAvorskii, V. I. [Stromatoporoidea of the Soviet Union] Stromatoporoidea Sovetskogo Soiuza. Part 3. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1961. 62 p. 38 plates. (Leningrad, Vsesoiuznyi geologicheskii institut. Trudy, vol. 44)

STRONTIUM

Find of epidote containing strontium and rare earths in the Northern Caucasus G. D. Afanas'ev, V. V. Ploshko, G. M. Varshal. Dokl. AN SSSR 143 no. 3:682-685 Mr '62

STRONTIUM—ISOTOPES

Effect of "ftorpan" and "ftormetasarkolin" on the osteogenic sarcomas induced by radioactive strontium-90, morphologic changes in them and in some other experimental tumors. S. A. Papoian. Vop. radiobiol. [AN Arm. SSR] 1 119-161 '60

Effect of the season of the year on the sensitivity to antibiotics of the intestinal microflora in dogs under the chronic influence of Sr^{90} [with summary in English] O. G. Alekseeva, G. M. Livitsina. Med. rad. no. 3:58-61 '62.

Osteogenic sarcomas induced by radioactive strontium-90 and the possibility of their utilization for experimental chemotherapy. S. A. Papoian, S. G. Ambartsumian. Vop. radiobiol. [AN Arm. SSR] 1:137-139 '60

X-ray characteristics of the osteogenic sarcomas caused by radioactive strontium-90 in rats S. A. Papoian, F. A. Khurobian, S. G. Ambartsumain. Vop. radiobiol. [AN Arm. SSR] 1:141-147 '60

STRONTIUM IODIDE

Preparation of anhydrous strontium and barium iodides and study of their interaction in molten state K. A. Bol'shakov and others. Zhur. neorg. khim. 7 no. 3 605-608 Mr '62

STRONTIUM METABOLISM

Effect of the rhythm of strontium-90 intake on the kinetics of its elimination from the bones [with summary in English] IU. M. Moskalev. Biul. eksp. biol. i med. 53 no. 1:59-62 Ja '62.

STRONTIUM NITRATE

Solubility of strontium and calcium nitrates at 0°C S. B. Stepina, G. S. Sedel'nikov, R. V. Kostikova. Zhur. neorg. khim. 7 no. 3:633-640 Mr '62.

STRONTIUM PERCHLORATE

Strontium perchlorate L. I. Chudinova. Zhur. neorg. khim. 7 no. 2:431-434 F '62

STROPHANTHIN

Action of strophanthin-K on aerobic phosphorylation during its attenuation by some inhibitors [with summary in English]. M. N. Kondrashova, L. V. Nikolaeva. Vop. med. khim. 7 no. 4:363-371 Ag '61.

STRUCTURAL ALUMINUM see Aluminum, Structural

STRUCTURAL FRAMES

In the interests of developing frame construction IA. Gel'man, L. Lukin, I. Spivanovskii. Stroi. i arkhit. Mosk. 10 no. 12:30-31 D '61.

IUdin, V. K. [Design of three-dimensional frames] Raschet prostranstvennykh ram. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1961. 141 p.

Koperin, V. V., and V. K. Vasil'ev. [Manufacture and assembly of industrial metal structures] Izgotovlenie i montazh tekhnologicheskikh metallokonstruktsii. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1962. 210 p.

Stability of centrally compressed rods and frames under elastoplastic conditions. G. E. Bel'skii. Trudy TSNIISK no. 7:239-267 '61.

Stability of cross braces in three-dimensional rod systems V. I. Trofimov. Rasch. prostr. konstr. no. 6 67-86 '61

STRUCTURAL FRAMES—TESTING

Bearing capacity of frames under elastoplastic conditions V. V. Gelmmerling, G. E. Bel'skii. Trudy TSNIISK no. 7 33-62 '61

STRUCTURAL FRAMES—WELDING

Economic evaluation of the efficiency of welded structures A. I. Faerman. Svar. proizv. no. 1 16-18 Ja '62.

STRUCTURAL STEEL see Steel, Structural

STRUCTURES, THEORY OF

"Designer's handbook for calculations and theory" edited by Professor A. A. Umanskii. Reviewed by P. M. Varvak, V. I. Kyrychenko, V. G. Chudnovskyi. Prykl. mekh. 8 no. 2 228-230 '62

Papkovich, P. F. [Works on the structural mechanics of a ship] Trudy po stroitel'noi mekhanike korablia. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl. Vol. 1. [Flexure of beams and rectilinear frames] Izgib balok i ploskonlinelnykh ram. Pod obshchei red. V. V. Ekimova. 1962. 575 p.

Problems of the strength and stability of building structures A. V. Gemmerling. Trudy TSNIISK no. 7 6-32 '61

Using the kinematic method in investigating the mobility and designing three-dimensional structures I. E. Livshits. Rasch. prostr. konstr. no. 6. 115-138 '61

STRUMILIN, STANISLAV GUSTAVOVICH, 1877-

On the 85th birthday of Academician S. G. Strumilin Vop. ekon. no. 3 159-160 Mr '62

STRYCHNINE—TOXICOLOGY

Effect of a super high-frequency electromagnetic field on strychnine poisoning in white mice M. S. Bychkov. Trudy Len. ob-va est. 72 no. 1 110-111 '61

STUDENT ACTIVITIES see subdivision under Lvov, Ukraine

STUDENT EMPLOYMENT

Establishing work norms for students. A. F. Antonov. Shkola i proizv. 6 no. 1:14-16 Ja '62.

STUDENT TEACHING see subdivision under Kalinin Province; Moscow

STUDENTS, FOREIGN see subdivision under Moscow

STURGEONS
(see also subdivision under Siberia)

Correlating the duration of the periods of maturation and embryonic development in the sturgeons Acipenser güldenstaedtii and A. stellatus T. A. Detlaf, S. E. Zubova. Dokl. AN SSSR 143 no. 3:746-748 Mr '62.

STUTTERING see Stammering

STYLE IN DRESS see Fashion

STYRENE

Determination of α-methylstyrene in air. Uch. zap. Mosk. nauch.-issl. inst. san. i gig. no. 5 47-48 '60

Determination of isopropylbenzene hydroperoxide, dimethylphenylcarbinol, and α-methylstyrene in air. M. V. Alekseeva, E. G. Kachmar, V. A. Khrustaleva. Uch. zap. Mosk. nauch.-issl. inst. san. i gig. no. 5 5-16 '60

Determination of styrol and its chlorine derivatives in the blood V. A. Filov, V. IA. Rusin. Gig. truda i prof. zab. 4 no. 12 47-50 D '60

Evaluating the packing density of chains of solid polymers Part 4. Isotactic polystyrene [with summary in English] A. A. Tager, M. V. Tsilipotkina. Vysokom. soed. 3 no. 12 1860-1862 D '61

Polymerization of styrene in the presence of the glass fiber treated by titanium tetrachloride [with summary in English]. T. E. Lipatova, L. S. Skoryna, IU. S. Lipatov. Vysokom. soed. 3 no. 12 1877 D '61.

Study of the emulsion (latex) polymerization of styrene [with summary in English] G. D. Berezhnoi, P. M. Khomikovskii, S. S. Medvedev. Vysokom. soed. 3 no. 12 1839-1846 D '61.

Utilization of products of the thermal oxidative degradation of styrol-butadiene copolymers as film-forming materials L. S. Okhrimenko, T. P. Vasil'eva. Lakokras. mat. i ikh prim. no. 5 31-34 '61

STYRENE—DIPOLE MOMENTS

Dipole moments and structure of some fluorine-substituted styrenes. V. N. Vasil'eva and others. Dokl. AN SSSR 143 no. 4 844-846 Ap '62

STYRENE—SPECTRA

Electronic paramagnetic resonance spectra of polystyrene radicals. I. S. Milevskaia, M. V. Vol'kenshtein. Opt. i spektr. 12 no. 3:381-386 Mr '62.

STYRENE COMPOUND POLYMERS

Methods of purification of waste waters from the production of foamed polystyrene and styrene copolymer with acrylonitrile B. I. Ivanov and others. Trudy VNIIT no. 10 217-227 '61

SUBMARINE BOATS
(see also subdivision under Black Sea)

How we try to raise the professional qualifications of seamen. IU Stepantsev Kommi Vooruzh. Sil 2 no 2: 57-60 Ja '62

In spite of the gale B. Volokhov Sov voin 44 no 5-8 Mr '62

The ocean depths will be subject to them. G Kotnitskii Sov voin 44 no 7-8-G Ap '62.

On the signal bridge on a rough sea. V. Shchechin. Starsh serzh no 12 12-13 D '61

A petty officer serves in the fleet. V. Nikolaev Starsh serzh no 12,7 D '61.

SUBMARINE GEOLOGY
(see also subdivision under Aral Sea, Norwegian Sea)

Configuration of the ocean bottom and tectonic problems. G. B. Udintsev. Trudy Okean. kom 10 no. 3 38-44 '62.

SUBMARINE TOPOGRAPHY see subdivision under Arctic Ocean, Atlantic Ocean, Pacific Ocean

SUBSTITUTION (CHEMISTRY)

Deuterium exchange method of studying the electron acceptor and electron donor properties of substituents in aromatic rings A I Shatenshtein, IU I. Ranneva, T T Kovalenko Zhur ob khim 32 no 3 967-971 Mr '62

Substitution of the mercury atom combined with a saturated carbon atom by halogen. Report No 5. Interaction of benzyl mercury chloride with bromine in the presence of ammonium in polar solvents I P Beletskaia, T A Azizian, O A Rueto. Izv AN sSSR Otd khim nauk no 3 424-430 Mr '62

SUBSTITUTIONS see Groups, Theory of

SUBWAYS see subdivision under Kiev, Leningrad, Moscow

SUBWAYS—HYGIENIC ASPECTS see subdivision under Moscow

SUCCINIC ACID

Vinyl monomers based on dicarboxylic acids Part 1 Monoesters of adipic and succinic acids. G N Freidlin and others Zhur. ob khim. 32 no. 3 782-791 Mr '62

Vinyl monomers based on dicarboxylic acids. Part 2 Vinyl alkyl esters of succinic and adipic acids G.N. Freidlin and others. Zhur ob khim 32 no 3 795-798 Mr '62

SUDAN—COMMERCE

Petrov, P. A. [Sudan; economy and foreign trade] Sudan; ekonomika i vneshniaia torgovlia. Moskva, Vneshtorgizdat, 1961 78 p.

SUDAN—ECONOMIC CONDITIONS

Petrov, P. A. [Sudan, economy and foreign trade] Sudan; ekonomika i vneshniaia torgovlia. Moskva, Vneshtorgizdat, 1961. 78 p.

SUDAN—FINANCE

Fedorov, T. [Finances and credit of the Sudan] Finansy i kredit Sudana. Moskva, Gosfinizdat, 1962. 119 p.

SUDAN GRASS see subdivision under Tajikistan; Vakhsh Valley

SUDAN GRASS—DISEASES AND PESTS

Bacteriosis in Sudan grass and the possibility of using antibiotics for its control. N A Shisheleva, M. G Prisiagina Trudy Vses inst sel'khoz mikrobiol 17 103-114 '60

SUFFOCATION see Asphyxia

SUGAR

Method of purifying sugar crumbs. S. D Savostianov. Khleb. i kond. prom. 6 no. 3 45-46 Mr '62.

SUGAR BEET BREEDING

Breeding nonflowering sugar beets. N IA Artiushenko. Trudy Vseros. nauch. -issl. inst. sakh. svekly i sakh. 1 no. 1 8-14 '60.

Development of tetraploid forms of sugar beets Report No. 1: Preparation and selection of Co polyploids during the first year of vegetation. V. E. Bormotov, V. N. Zagrekova, A. M. Shcherbakova Biul. Inst biol AN BSSR no. 6 233-238 '61.

SUGAR BEETS
(see also subdivision under Chu Valley, Kuban, Poltava Province; Ukraine, White Russia, Zhashkov District)

All-Russian Scientific Research Institute of Sugar Beets and Sugar and its tasks. V. G. IAtsenko. Trudy Vseros. nauch. -issl. inst. sakh. svekly i sakh 1 no. 1 3-7 '60.

Cultivation practices for monospermous sugar beets A D Kas'ianchuk Trudy Vseros. nauch -issl inst sakh svekly i sakh. 1 no 2 22-31 '61

Dynamics of growth, sugar accumulation, and yield in sugar beets under cross cultivation D. A. Akimaliev Trudy KirgNIIZ no. 3 34-45 '60.

Dynamics of the fermentation processes in preparing ensilage from sugar beet tops with sulfur preparations. M. A. Ter-Karapetian, V. A. Petrosian. Izv. AN Arm. SSR Biol. nauki 15 no 2 39-47 '62.

[Manual on sugar-beet seed production] Spravochnik po sveklovichnomu semenovodstvu. Moskva, Izd-vo M-va sel'. khoz RSFSR, 1961. 90 p.
(DA)

Place for sugar beets in a crop rotation I T Korolev Trudy Vseros nauch -issl inst sakh svekly i sakh 1 no 2 3-7 '61

Results of field station experiments in studying fertilizer management systems for crop rotations E. N. Alekseeva. Trudy Vseros nauch -issl. inst sakh svekly i sakh 1 no. 1 15-95 '60

Single seeds in sugar beets. I. F. Golev. Agrobiologiia no 1 155-156 Ja-F '62.

Zadeti, I. I. [Feeding farm animals with beet pulp] Hodivlia sil's'kohospodars'kykh tvaryn zhomom. Vyd 2., perer i dop. Kyiv, Derzh. vyd-vo sil's'kohospodars'koi lit-ry, URSR, 1960 101 p
(DA)

SUGAR BEETS—DISEASE AND PEST RESISTANCE

Selection of sugar beet biotypes immune to root rot by the method of artificial induction of infection during the vegetative season I V Popova Trudy Vseros nauch -issl inst sakh svekly i sakh 1 no 2 55-67 '61

SUGAR BEETS—DISEASES AND PESTS

Harm of cicadas to sugar beets and winter grain crops E E Makarenko Trudy Vseros nauch -issl inst. sakh svekly i sakh 1 no 2 32-35 '61

SUGAR BEETS—FERTILIZERS AND MANURES

Effect of farm manure and organic-mineral mixtures on the yield and sugar content of sugar beets in leached Chernozems. V. D. Likholat. Agrobiologiia no 1:115-120 Ja-F '62.

Effect of fertilizers and various systems of space arrangement on the sugar content of sugar beets Z. N. Kashtanova. Trudy Vseros. nauch. -issl inst sakh. svekly, i sakh. 1 no. 1 101-107 '60

Effect of various dates of application of nitrogen fertilizers on the yield and quality of sugar beets. E. N. Alekseeva. Trudy Vseros. nauch -issl inst. sakh svekly i sakh. 1 no. 1 96-100 '60

Vlasiuk, P. A., and P. Z. Lisoval. [Effectiveness of the use of organic- mineral fertilizers in grain and sugar-beet crop rotation] Effektivnost' organo-mineral'noi sistemy udobrenila v zernovo-sveklovichnom sevooborote Kiev, Izd-vo Ukrainskoi Akad. sel'khoz. nauk, 1961. 152 p.
(DA)

SUGAR BEETS—IRRIGATION see subdivision under Kirghizistan

SUGAR INDUSTRY see subdivision under Kharkov Province

SUGAR RESEARCH

All-Russian Scientific Research Institute of Sugar Beets and Sugar and its tasks. V. G. IAtsenko Trudy Vseros. nauch. -issl inst. sakh. svekly in sakh. 1 no. 1 3-7 '60.

SUGAR WORKERS—DISEASES AND HYGIENE

Prevention of abscesses at a sugar factory. M. S. Bogomaz, A. G. Boiko Med sestra 21 no. 1 49-50 Ja '62.

SUGARS

Ageev, L. M., S. Z. Ivanov, and V. A. Smirnov. [Technology of sugar substances, general course] Tekhnologiia sakharnykh veshchestv, obshchii kurs. Pod red. P. M. Silina. Moskva, Pishchepromizdat, 1961. 488 p.

SUGARS—ANALYSIS AND TESTING

New colorimetric method for determining reducing sugars P. S. Fedorov Trudy KirgNIIZ no 3:64-67 '60.

SUGGESTION SYSTEMS

Boboshko, K. K. [Pulse of the seven-year plan; studies on new machinery and their creators] Pul's semyrichky; narysy pro novu tekhniku ta ii tvortsiv. Kyiv, Vyd-vo TsK LKSMU 'Molod',' 1961. 146 p.

Give more attention to efficiency promoters A. Porozov. Fin SSSR 23 no. 3 79-80 Mr '62

SUKHUMI—ANTIQUITIES

Atlantides of the Black Sea. IU. Gurlev Nauka i zhizn' 29 no. 2 39-43 F '62.

SULFAMETHAZINE

Compound treatment of experimental melioidosis with antibiotics and sulfodimesin [with summary in English]. L. E. Khundanov and others Antibiotiki 6 no. 11 1013-1016 N '61.

SULFANILAMIDES

Clinical aspects of pneumonias and the comparative effectiveness of their treatment with antibacterial preparations [with summary in English] T. D. Skrynnikova. Sov. med. 25 no. 2 3-11 F '62.

SULFANILAMIDES—TOXICOLOGY

Hemodialysis operation ("artificial kidney") in acute renal insufficiency appearing after the intake of sulfanilamides. V. A. Agrancnko, N. N. Skachilova, E. V Chkanikova. Terap. arkh. 34 no. 3 115-119 '62.

SULFANILIDES

Sulfanilides Part 1 N-sulfonyl-arylglycine-dialkyls M S. Malinovskii and others. Zhur. ob khim 32 no 3 726-728 Mr '62

Sulfanilides Part 2 N-sulfanyl derivatives of thi M. S Malinovskii, Z F Solomko, L. P Glushko Zhur ob khim 32 no 3 728-731 Mr '62.

SULFANILIMIDES

Sensitivity of golden hamsters (Cricetus auratus, W. 1939) to some antibiotics and sulfanilimide pr [with summary in English]. A S Gruden'kov, I Gusev Antibiotiki 6 no 11 1031-1033 N '61

SULFATES

The feeding of sulfate into the drying drum has beneficial anized B. G Pronin, A. N. Nesvit. Stek i ker, no. 2 34 F '62

Formation of soda as a result of sulfate ion sorption S A. Durov, N O Perova, E. L Raspopov. Dokl AN SSSR 143 no. 4 849-851 Ap '62

Reciprocal system of sodium and calcium pyrophosphates and sulfates A G Bergman, V P Gorlachova Zh neorg khim 7 no 3 628-632 Mr '62

Ternary system of lithium, sodium, and lead sulfates A G Bergman, E. L Hakumakaia, V. V. Kelopdan Zh neorg khim 7 no 3 621-624 Mr '62

SULFATHIAZOLE—TOXICOLOGY

Fatal poisoning in a child by pyraphen and norsulfazol I. IU. K. Razumovskii. Kaz. med. zhur. no. 1 69 Ja '62.

SULFIDES

Organic insecticides-fungicides. Part 84 Interaction of triphenylphosphine with bis(dialkoxythiophosphinoyl) disulfides, thiuram disulfide, and xanthogen disulfide N N. Melnikov, K. D. Shvetsova-Shilovskaia, I. I Italinskaia Zhur ob khim. 32 no 3 847-848 Mr '62

Reactions of metal halide alcoholates. Part 11 New method of synthesizing thio ethers of the aromatic series I I Lupkin, N. I. Panova. Zhur ob khim 32 no. 3 745-748 Mr '62.

Spectrographic determination of thallium and germanium in sulfide minerals. L. I. Serdobova. Trudy Inst. min., geokhim, i kristallokhim. red. elem. no. 6 128-137 '61.

SULFIDES—METALLURGY

Gold behavior in polysulfide solutions at high temperatures and pressures. I. A. Kakovskii, N. G. Chistiakova, vys. ucheb. zav., tsvet. met. 5 no. 2 104-111 '62.

Structure of the sulfide - slag boundary. V. V. Kh Trudy Ural. politekh inst. no. 93 80-83 '60.

SULFIDES—OPTICAL PROPERTIES

Comparative quantitative characteristic of optical stants of some "pink" sulfides. L. S Volynskii, I. Loginova. Trudy Inst. min., geokhim. i kristallokhim red. elem. no. 6 72-85 '61.

SULFINIC ACIDS

Amino sulfides and amino sulfones. Part 20. Addition of arylsulfinic acids to unsaturated α,β-compounds. I. Kh. Fel'dman, V. N. Mikhailova. Zhur. ob. khim 32 no. 3 944-949 Mr '62.

SULFONATION

Sulfonation reactions. Part 54: Sulfonation of toluene isolation of m-toluenesulfonic acid. A. A. Spryskov Izv. vys. ucheb. zav., khim. i khim tekh 4 no 6 941 '61.

SULFONIC ACIDS
(see also subdivision under Synthesis)

Esters of N-carbethoxyaminoalkanesulfonic acids I. S Levchenko, E. S. Kozlov, A V. Kirsanov Zhur. ob k 32 no. 3 882-886 Mr '62

Properties of α-aminopyridides of alkanesulfonic acids A. G. Kostanova, L. P. Kosheleva. Zhur. ob. khim 32 no. 3 1009-1010 Mr '62.

SULFOXIDES

Asymmetric organosulfonic acyl peroxides as initiators of vinyl polymerization [with summary in English] V. R. Likhterov and others. Vysokom. soed 4 no 3 357-360 Mr '62.

SULFUR

Concentration gradient of chlorine and sulfur (^{35}S) in plants during different developmental phases. L. K. Rogalev. Dokl. AN SSSR 143 no. 2 467-470 Mr '62.

SULFUR—SPECTRA

Wavelengths of forbidden lines of sulfur in nebulae [with summary in English]. V. F. Esipov. Astron. zhur. 39 no. 2 365-367 Mr-Ap '62.

SULFUR BACTERIA see Bacteria, Sulfur

SULFUR COMPOUNDS

Production of sulfur-free benzene from light oils by chemical refining. V. E. Privalov and others Koks i khim no. 3 42-44 '62.

SULFUR DIOXIDE

Interaction of sodium carbonate with sulfur dioxide in a fluidized bed. T. I. Kunin, V. S. Epifanov. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 6 902-907 '61

SULFUR DIOXIDE (Continued)

Nephelometer with automatic recording for short recording of sulfur dioxide concentrations in the air. N. V. Lobkina. Prikl. mekh. i fiz. atmosf. no. 5, 169-170 '61.

SULFUR DIOXIDE—TOXICOLOGY

Experimental data on the effect of small concentration of sulfur oxides on the animal organism. K. A. Bushtueva. Prikl. mekh. i fiz. atmosf. no. 5, 126-141 '61.

Recent data on the reflexogenic effect of sulfur dioxide and sulfuric acid aerosol on man. K. A. Bushtueva. Prikl. mekh. i fiz. atmosf. no. 5, 118-125 '61.

SULFUR TRIOXIDE

Soul. of the $TiO_2-SO_3-H_2O$ system by the solubility method at 25, 50 and 75° C. V. I. Belokonev. Zhur. neorg. khim. 7 no. 2, 379-384 F '62.

SULFURIC ACID

By-product coke plants are in need of acids free of nitrous compounds. V. I. Gladushko. Koks i khim. no. 3, 44-45 '61.

Interaction of β-spodumene with sulfuric acid. M. I. Ostroushko, K. I. Filippova, I. V. Ignat'eva. Zhur. neorg. khim. 7 no. 2, 241-251 F '62.

Solubility and mechanism of solution of quadrivalent lead. L. V. Vennikova, M. M. Isaeva, B. N. Kabanov. Dokl. AN SSSR 143 no. 2, 377-379 Mr '62.

Study of the interaction of sulfuric acid and glycerol in aqueous solution by methods of physicochemical analysis. D. P. Belotskii, N. P. Novaliovskii, N. N. Midonova. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 6, 1035-1037 '61.

SULFURIC ACID—TOXICOLOGY

Experimental data on the effect of small concentrations of sulfur oxides on the animal organism. K. A. Bushtueva. Prikl. mekh. i fiz. atmosf. no. 5, 126-141 '61.

Recent data on the reflexogenic effect of sulfur dioxide and sulfuric acid aerosol on man. K. A. Bushtueva. Prikl. mekh. i fiz. atmosf. no. 5, 118-125 '61.

SULFURIC ACID INDUSTRY

Present state and objectives of the sulfuric acid industry in the next seven years. A. G. Amelin. Zhur. VKHO 7 no. 1, 18-24 '62.

SULFURIC ACID INDUSTRY—HYGIENIC ASPECTS

Studying the functional state of the thyroid gland in workers of superphosphate and sulfuric acid industries using I^{131} absorption as an indicator. R. D. Gabovich, V. I. Bukhovets, N. V. Verzhikovskaia. Gig. truda i prof. zab. 4 no. 2, 26-30 F '60.

SULTANA BIRD—PARASITES see Parasites—Sultana bird

SUMMER HOMES

Zhohol', L. IA. [Summer homes] Zhytla dlia litn'oho vidpochynku. Kyiv, Derzh. vyd-vo lit-ry z budivnytstva i arkhit. URSR, 1961. 48 p.

SUMMER RESORTS

Akademiia stroitel'stva i arkhitektury SSSR. Institut obshchestvennykh zdanii i sooruzhenii. [Instructions for planning small summer resort towns] Ukazaniia po proektirovaniiu letnikh gorodkov otdykha. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 13 p.

SUMY PROVINCE—BUILDING MATERIALS INDUSTRY

We are increasing the output of fire-proof building materials. S. Kulishov. Stil' bud. 11 no. 11:12-13 N '61.

SUN

Relation of the ionization of the D_2 layer to solar activity and the sine of the zenith angle of the sun. N. P. Benkova, R. V. Konnova. Trud. IZMIRAN no. 19, 113-115 '61.

SUN—CORONA

Integral brightness of the solar corona of June 30, 1954. L. K. Kovai'. Uch. zap. KHGU 91, 241-248 '57.

Structure of the solar corona of February 15, 1961, from observations in Dzhankoy [with summary in English]. A. T. Nesmianovich. Astron. zhur. 39 no. 2, 270-272 Mr-Ap '62.

Visual colorimetry of the solar corona during the eclipse of February 15, 1961. V. V. Sharonov. Astron. tsir. no. 223, 4-7 Jl '61.

SUNFLOWER SEED

Effectiveness of growing high-quality sunflower seeds on seed plots. V. M. Suslov. Zemledelie 24 no. 3, 55-60 Mr. '62.

SUNFLOWER SEED OIL

Effect of prolonged nutrition with sunflower oil on the course of experimental hypertension [with summary in English]. T. A. Braksh and others. Vop. pit. 21 no. 2, 11-16 Mr-Ap '62.

SUNFLOWERS

(see also subdivision under Rostov Province; Tajikistan)

Nucleoles in sunflowers after fertilization. E. G. Simonian. Izv. AN Arm. SSR, Biol. nauki 14 no. 11:39-44 N '61.

SUNSPOTS

Fine structure of the spot formation zone. [with summary in English] I. I. Pavlenkova. Astron. zhur. 39 no. 2, 273-277 Mr-Ap '62.

SUPERCONDUCTIVITY

Investigating ternary solid solutions on a basis of superconducting compounds. N. N. Zhuravlev, G. E. Zhdanov, F. M. Smirnova. Fiz. met. i metalloved. 13 no. 1, 62-70 Ja '62.

Method for preparing the superconducting compound Nb_3Sn with summary in English. F. E. Lange. Zhur. eksp. i teor. fiz. 42 no. 1:42-43 Ja '62.

Quantization of a magnetic flux in the case of a superconducting cylinder [with summary in English]. V. L. Ginzburg. Zhur. eksp. i teor. fiz. 42 no. 1:299-302 Ja '62.

SUPERCOOLING

Role of supercooling and the form of the curves of cooling during the formation of globular graphite [with summary in English]. A. A. Horshkov, R. A. Sidorenko. Chern. Si-shen' (Chiten Hsi-shen). Nank. prakt. Inst. lyv. vyrob. AN URSR 9 30-41 '60.

SUPERSONIC NOZZLES

Calculation of a isymmetrical isentropic flows of a real gas. O. N. Katkova, A. N. Kraiko. Zhur. vych. mat. i mat. fiz. 2 no. 1, 125-132 Ja-F '62.

SUPPORT (DOMESTIC RELATIONS)

Judicial practice in cases concerning the support of children. K. Titova. Sov. iust. no. 21, 23-24 D '61.

SUPPURATION

Effect of bactericidal factors from suppurative exudate on the sensitivity to penicillin of the microbes and in the infected focus [with summary in English]. V. N. Solovlev, G. A. Konnaev. Antibiotiki 6 no. 11:1016-1021 N '61.

SURFACE-ACTIVE AGENTS

Processing clay muds with surfactants. L. A. Dem'ianova. Razved. i okh. nedr. 28 no. 1, 21-25 Ja '62.

Studying the dispersion of vatsol dyes with surface-active agents. V. V. Paškevičius. Tekst. prom. 22 no. 2, 55-F '62.

SURFACE CHEMISTRY

Factors influencing the surface activity of solids. J. A. Hedvall. Kim. i kat. 3 no. 1, 3-12 '62.

Interphase tension at the boundary of steel, slag, and products of their deoxidation. G. F. Konovalov, S. I. Popel'. Trudy Ural. politekh. inst. no. 93, 73-79 '59.

Structure of the sulfide - slag boundary. V. V. Khlynov. Trudy Ural. politekh. inst. no. 93, 80-84 '59.

Use of infrared spectroscopy for investigating the structure of surface chemical compounds and adsorption. A. V. Kiselev, V. I. Lygin. Usp. khim. 31 no. 3, 351-381 Mr '62.

SURFACE ENERGY

Statistical electron theory of the interfacial energy of metals at the crystal - melt boundary. S. N. Zadumkin. Fiz. met. i metalloved. 13 no. 1, 24-32 Ja '62.

SURFACE TENSION

Surface tension and density of liquid alloys in the copper - aluminum system. IU. V. Naidich, V. N. Eremenko, I. F. Kinchenko. Zhur. neorg. khim. 7 no. 2, 343-336 F '62.

Temperature dependence of the heat of vaporization and surface tension of liquids. Sh. S. Bagdasarian. Dokl. AN Azerb. SSR 17 no. 9, 773-777 '61.

Temperature dependence of the surface tension of cesium. O. A. Timofeevicheva, V. B. Fiziev, A. V. Pershikov. Dokl. AN SSSR 143 no. 3, 618-620 Mr '62.

SURFACES

Infinitesimal bends in the "slide" of surfaces of revolution with negative curvatures [with summary in English]. V. I. Mikhailovskii. Ukr. mat. zhur. 14 no. 1, 18-29 '62.

Metric invariants of surfaces in quasi-elliptic spaces. L. M. Eshkina, A. P. Shakal'skaia. Dokl. AN Azerb. SSR 18 no. 1, 7-10 '62.

Reflections from surfaces in quasi-elliptic spaces. N. T. Abbasov. Dokl. AN Azerb. SSR 17 no. 9, 769-772 '61.

Theory of surfaces in space with a decomposing absolute. E. A. Khatipov. Trudy Sem. po vekt. i tenz. anal. no. 11, 311-314 '61.

SURFACES, DEFORMATION OF

Conformal deformation in two-parameter families of spheres. R. M. Geidel'man. Izv. vys. ucheb. zav., mat. no. 6, 16-24 '61.

SURFACES, FERMI see Fermi surfaces

SURFACES, ORTHOGONAL

Conformal deformation in two-parameter families of spheres. R. M. Geidel'man. Izv. vys. ucheb. zav., mat. no. 6, 16-24 '61.

SURFACES, RULED

Multidimensional ruled surfaces in Euclidean space. IU. G. Lumiste. Mat. sbor. 55 no. 4, 411-420 D '61.

SURGERY

(see also subdivision under United States)

Hypnosis in surgical practice. I. P. Arkhipov. Kaz. med. zhur. no. 1, 71-75 Ja-F '62.

SURGERY—STUDY AND TEACHING

Organization of preclinical surgical practice, experience gained at the Medical School of the Academy of Medical Sciences of the U. S. S. R. S. M. Rovnov, E. V. Gembitskaia. Med. sestra 20 no. 12, 46-50 D '61.

SURGERY, OPERATIVE

Mintuoj, Vladas. [Light is still on in the operating room] Operacinejė dar šviesu. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 201 p. [In Lithuanian]
(DNLM)

Reply to Prof. A. M. Anoshin's criticism of our operations. V. N. Ryzhikh. Eksper. khirurg. i anest. 6 no. 5, 61-63 S-O '61.

Zil'ber, A. P. [Surgical position and anesthesia; circulatory and respiratory reactions to posture in anesthesiology] Operatsionnoe polozhenie i obezbolivanie; postural'nye reaktsii krovoobrashcheniia i dykhaniia v anesteziologii. Petrozavodsk, Gos. izd-vo Karel'skoi ASSR, 1961. 250 p.
(DNLM)

SURGICAL DRAINAGE see Drainage, Surgical

SURGICAL INSTRUMENTS AND APPARATUS

Apparatus for suturing the pulmonary root, small type (UKL-10). A. M. Geselevich and others. Grud. khir. 1 no. 3, 118-122 My-Je '59.

Comparative evaluation of the mechanical suture of the bronchial stump by means of UKB-25 and UKL-60 apparatus in experimental pneumonectomy [with summary in English]. F. A. Malafeev. Grud. khir. 2 no. 3, 49-52 My-Je '60.

Dermatome for taking elongated skin grafts. N. E. Povstianoi. Ortop., travm. i protez. no. 2, 55-56 '62.

Dilator-lever for the anal canal. M. Z. Sigal, K. V. Kabanov. Vest. khir. no. 8, 106-108 '61.

Effective use of Frankel's scarificator. G. M. Fedorov. Vrach. delo no. 6, 135-136 Ag '61.

Electric needle heater for pneumothorax needles. I. M. Rabinovich. Med. prom. 16 no. 1, 51 Ja '62.

New suturing instruments for chest surgery and the technique of preparing them for an operation. V. R. Belkin, N. S. Gorkin. Med. sestra 20 no. 12, 40-45 D '61.

Production of ocular trephines from KH18 stainless steel. T. A. Situlkova, G. S. Kellin. Med. prom. 16 no. 2, 50-52 F '62.

Prospects for developing the technical equipment for chest surgery. M. G. Ananiev, A. M. Geselevich. Grud. khir. 1 no. 4, 3-6 Jl-Ag '59.

Protective surgical mask for use in tonsillectomy. G. M. Kosul'nikova. Med. sestra 20 no. 12, 45-46 D '61.

Spare parts for man. IU. Rybchinskii. Sov. Soiuz no. 4, 20-21 '62.

Use of metals in surgery. E. N. Boikovitinova, V. G. Shakhmatov. Med. prom. 15 no. 6, 7-11 Je '61.

SURGICAL NURSING

"Work of a nurse in the surgical department" by D. I. Patmenenkov. Reviewed by V. IA. Braitsev. Med. sestra 20 no. 12, 53-55 D '61.

SURGICAL OPERATIONS see Operations, Surgical

SURGICAL PLASTER CASTS see Plaster casts, Surgical

SURGICAL SOCIETIES see subdivision under Andizhan; White Russia

SURGICAL THERAPEUTICS see Therapeutics, Surgical

SURIKOV, VASILII IVANOVICH, 1848-1916

"Boiarynia Morozova." A. Varshavskii. Znan.sila 37 no. 2, 31-37 F '62.

Image of Pugachev in the works of V. I. Surikov, V. Kolenov. Iskusstvo 25 no. 2, 53-57 '62.

SURKHAN-DARYA PROVINCE—TICKS

Ixodidae in Surkhan-Darya Province. T. E. Kuklina. Uzb. biol. zhur. 6 no. 1, 51-56 '62.

SURVEYING

(see also subdivision under Argentina)

Adjustment of linear intersections by the method of conditional equations. K. N. Terpugov. Geod. i kart. no. 2, 19-22 F '62.

Brief news. Geod. i kart. no. 2, 77-78 F '62.

Comprehensive observations on the deformations of a navigable lock. A. G. Il'in, N. A. Budenkov. Izv. vys. ucheb. zav., geod. i aerof. no. 5, 17-53 '61.

Computing topographical volumes by methods of approximate integration. M. P. Strokin. Izv. vys. ucheb. zav., geod. i aerof. no. 6, 39-46 '61.

"Fundamentals of engineering geodesy" by B. I. Gerzhul. Reviewed by S. G. Gorodetskii. Gidrotekhnika no. 1, 103 '61.

Marking the centers of geodetic stations by two wall marks. P. F. Degterev. Geod. i kart. no. 2, 30-34 F '62.

SURVEYING (Continued)

Russia (1923- U.S.S.R.) Gosudarstvennaia inspektsiia po zemlepol'zovaniiu i zemleustroistvu [Directions for plane-table and theodolite surveys at a scale of 1:10,000] Nastavlenie po proizvodstvu menzul'nykh i teodolitnykh s"emok v masshtabe 1:10,000. [Izd 3, ispr.] Moskva, Izd-vo geodez lit-ry, 1961. 327 p. [MICROFILM]

SURVEYING—BIBLIOGRAPHY see Bibliography—Surveying

SURVEYING—INSTRUMENTS

Painting rods. IA. I. Pazenkov. Geod. i kart. no. 2:31-36 F '62.

SURVEYOR'S COMPASS

Practice of using the PAB-43 compass in the large-scale geological mapping. V. A. Petrov. Razved. i okh. nedr 27 no. 10:52-53 O '61.

SURVIVAL (AFTER AIRPLANE ACCIDENTS, SHIPWRECKS, ETC.)

Bombard, Alain. [Alone on the ocean. Translation of Naufrage volontaire] Odin v okeane. Kyiv, Molod', 1959. 173 p.

SUSLIKS see subdivision under Kazakhstan

SUSPENDED RAILROADS see Railroads, Suspended

SUSPENDED SENTENCE see Probation

SUSPENSIONS (CHEMISTRY)

Some regularities characterizing a pseudoliquefied layer and a constrained fall [with summary in English]. IU. P. Gupalo. Inzh.-fiz. zhur. 5 no. 1:96-98 Ja '62.

SUTURES

Apparatus for suturing the pulmonary root, small type (UKL-40). A. M. Geselevich and others. Grud. khir. 1 no. 3:118-122 My-Je '59.

Comparative evaluation of the mechanical suture of the bronchial stump by means of UKB-25 and UKL-60 apparatus in experimental pneumonectomy [with summary in English]. G. A. Malafeev. Grud. khir. 2 no. 3:48-52 My-Je '60.

New suturing instruments for chest surgery and the technique of preparing them for an operation. V. R. Belkin, N. S. Gorkin. Med. sestra 20 no. 12:40-45 D '61.

New technic for placing knotted sutures on regional wounds of parenchymatous organs. V. I. Varlamov. Khirurgiia no. 3:102-103 '62.

Suturing of perforating gastroduodenal ulcers with a chain-like seromuscular suture. N. A. Telkov. Vest. khir. no. 9:121-123 '61.

SVANETIA—CHURCH DECORATION AND ORNAMENT

Date of paintings of the church of Dzhgraag located in the fields behind the village of Adishi (upper Svanetia). T. S. Sherkiakova. Soob. AN Gruz. SSR 27 no. 3:377-384 S '61.

SVANETIA—HYDROELECTRIC POWER STATIONS

From the cold rocks of Svanetia. I. Moskhi. Ogonek 40 no. 9:1-2 F '62.

SVERDLOVSK—CLOTHING INDUSTRY

Let's struggle for better quality. S. Mokin. Mest. prom. i khud. promys. 3 no. 3:8 Mr '62.

SVERDLOVSK—RAILROADS—CARS

Uralvagonzavod, Nizhniy Tagil. [Advanced technological processes of mechanical assembling] Peredovaia tekhnologiia mekhanosborochnogo proizvodstva. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 102 p.

SVERDLOVSK—STAPHYLOCOCCUS

Change in the sensitivity to antibiotics of pyogenic staphylococci isolated in Sverdlovsk during 1951-1958 [with summary in English]. N. N. Samoilovich. Antibiotiki 6 no. 11:1031-1039 N '61.

SVERDLOVSK—WAGES—MACHINERY INDUSTRY

Voronkov, I. I. [Organization of work and wages in a machinery manufacturing plant] Organizatsiia truda i zarabotnoi platy na mashinostroitel'nom zavode. Moskva, Mashgiz, 1961. 263 p.

SVERDLOVSK DISTRICT—INSURANCE, SOCIAL—EMPLOYEES

Inconspicuous profession. A. Gorbovskaia. Sots. obesp. 23 no. 3:22-23 Mr '62.

SVERDLOVSK PROVINCE—EDUCATION, PRESCHOOL

Disseminating progressive experience. L. Blinovskova. Doshk. vosp. 35 no. 4:30-33 Ap '62.

SVERDLOVSK PROVINCE—INDUSTRIAL MANAGEMENT

Public bureau of economic analysis. A. Kubyshev. Den. i kred. 20 no. 3:46-49 Mr '62.

SVERDLOVSK PROVINCE—INDUSTRIES

Pokarevich, V. M., and S. V. Sergeev. [Developing the industries of Sv... the seven-year skol oblasti v gi knizhnoe izd-vo semiletnem plane]

SVERDLOVSK PROVINCE—IRON INDUSTRY

In the Ferrous Metallurgy Section of the Technical and Economic Committee of the Sverdlovsk Economic Council. R. V. Vlasov. Biul. tekh.-ekon. inform. no. 2:83-84 '62.

SVERDLOVSK PROVINCE—IRON MINES AND MINING

Generalization of experience in the working of small Ural iron-ore deposits. P. V. Vaganov, A. N. Ikonnikov, P. V. Kompaneets. Trudy Gor.-geol. inst. UFAN SSSR no. 57:73-82 '61.

SVERDLOVSK PROVINCE—MANGANESE ORES

Role of diagenesis in the formation of manganese ores. L. E. Shterenberg, G. I. Karaseva, V. B. Rychkova. Dokl. AN SSSR 143 no. 2:430-433 Mr '62.

SVERDLOVSK PROVINCE—METAL INDUSTRIES—TECHNOLOGICAL INNOVATIONS

Creative cooperation. V. Mezenov. Mest. prom. i khud. promys. 3 no. 3:25 Mr '62.

SVERDLOVSK PROVINCE—STEEL INDUSTRY

In the Ferrous Metallurgy Section of the Technical and Economic Committee of the Sverdlovsk Economic Council. R. V. Vlasov. Biul. tekh.-ekon. inform. no. 2:83-84 '62.

SVETLYI—DESCRIPTION

Where the steppe blossomed with feather grass... V. Dneprov, A. Dneprov. Kul't.-pros. rab. 23 no. 3:5-8 Mr '62.

SVETOGORSK—PAPERMAKING MACHINERY

Paper pulp composition regulator. I. I. Plakhov, A. D. Rumiantsev. Bum. prom. 37 no. 3:28-29 Mr '62.

SVOBODINA, ALEKSANDRA PETROVNA, 1911-

Aleksandra Petrovna Svobodina. Med. sestra 21 no. 1:60 Ja '62.

SWAMPS

(see also subdivision under Russia, Northwestern, Ulus Koymarskiy region)

Drainage of low moors. S. F. Averianov. Nauch. zap. MIIVKH 19:3-76 '57.

SWEDEN—COMMERCE—RUSSIA

Soviet-Swedish trade relations. Vnesh. torg. 42 no. 3:6 '62.

SWEDEN—COURTS

Lectures on the Soviet Union in Sweden, notes and impressions. K. P. Gorshenin. Sov. iust. no. 24:21-22 D '61.

SWEDEN—JUVENILE DELINQUENCY

Lectures on the Soviet Union in Sweden, notes and impressions. K. P. Gorshenin. Sov. iust. no. 24:21-22 D '61.

SWEDEN—MINING ENGINEERING

Upraise mining practices in Swedish mines, from data in foreign publications. E. N. Bakhrushin. Izv. vys. ucheb. zav., tsvet. met. 5 no. 2:162-166 '62.

SWEDEN—THEATER

In Sweden. Ernst-Hugo Oregord and others. Teatr. 23 no. 3:164-167 Mr '62.

SWEET CLOVER

Plant sweet clover in Solonetz and sandy soils. N. V. Artiukov. Zemledelie 24 no. 3:51-55 Mr '62.

Sweet clover can help to grow tree belts. N. V. Artiukov. Put' i put. khoz. 6 no. 3:17 Mr '62.

SWIFTS see subdivision under Samarkand

SWIMMING

Little about many things. Znan.sila 37 no. 2:43 F '62.

[Swimming; rules of competition] Plavanie; pravila sorevnovanii. Utverzhdeno TSentral'nym sovetom Soiuza sportivnykh obshchestv i organizatsii SSSR 13 aprelia 1961 goda. Moskva, Izd-vo "Fizkul'tura i sport," 1961. 30 p.

SWINE

(see also subdivision under Latvia; Lithuania; Piktupenai, Podol'sk District)

Evaluation of the physical characteristics of swine by means of measurements and type of bristle in relation to certain characteristics of their growth. IU. K. Svechyn. Dop. UASHN 3 no. 2:48-50 Mr-Ap '60.

I cultivate corn and fatten pigs. G. Plotnikov. Sel'. mekh. no. 3:12-14 '62.

Light the beacon, Mikhail Petrovich! IU. Falatov. Sov. profsoiuzy 18 no. 6:10-11 Mr '62.

SWINE—DISEASES AND PESTS

Brazaitis, Juozas. [Infectious swine diseases] Infekcines kiaulių ligos. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 152 p. [In Lithuanian] (DA)

SWINE—FEEDING AND FEEDS

(see also subdivision under Khorol District, Kirghizistan; Omsk Province)

Metabolism and pulmonary gaseous interchange in swine fed with ensiled potatoes. M. M. Karpus'. Dop. UASHN 3 no. 2:41-47 Mr-Ap '60.

A school in a swine fattening center. I. Martinin. Agitator no. 8:61 Ap '62.

Valdmanis, Andrejs. [Studying standards for vitamin nutrition in swine and poultry breeding; instruction methods] Izuchenie norm vitaminnogo pitaniia svinovodstve i ptitsevodstve; metodicheskie ukazaniia. Riga, Izd-vo Akad. nauk Latvilskoi SSR, 1961. 37 p. (DA)

SWINE BREEDING

(see also subdivision under Ukraine)

Comparative studies on some biological characteristics of hybrid swine. M. T. Balashov and others. Sb. trudy Ural. "Ask.-Nov." 9:3-9 '61.

SWINE HOUSES AND EQUIPMENT

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Norms and technical specifications for designing swine breeding farms (SN 127-60)] Normy i tekhnicheskie usloviia proektirovaniia svinovodcheskikh ferm (SN 127-60). Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 24 p.

SWITCHING THEORY

Martynov, E. M. [Noncontact switching devices] Beskontaktnye perekliuchaiushchie ustroistva. Izd. 2., perer. i dop. Moskva, Gos. energ. izd-vo, 1961. 145 p. (Massovaia radiobiblioteka, no. 397)

SWITZERLAND—DAMS

Materials from the Seventh International Congress on Large Dams. Gidrotekhn. stroi. 32 no. 1:44-49 Ja '62.

SYDNONE IMINES

Sydnones and sydnone imines. Part 6. Study of the formation of 1,4-dimethylethylene-bis-1-methylhydrazine. V. G. IAshunskii, L. F. Kholodov. Zhur. ob. khim. 32 no. 3:865-869 Mr '62.

SYDNONES—SPECTRA

Intensity of carbonyl band in infrared spectra of sydnones. B. E. Zaitsev, IU. N. Sheinker. Izv. AN SSSR. Otd. khim. nauk no. 3:407-412 Mr '62.

SYKTYVKAR—BALLET

The first Komi ballet. A. Osipov. Sov. muz. no. 3:92-93 Mr '62.

SYMMETRY (BIOLOGY)

Symmetry of arterial vessels of the prostate gland. A. U. Agaian. Soob. AN Gruz. SSR 27 no. 3:311-315 ... '62.

SYMPATHETIC NERVOUS SYSTEM see Nervous system, Sympathetic

SYMPATHOMIMETICS

Treatment of bronchial asthma and asthmoid bron... with inhalations of isadrine aerosol. A. V. ... Kaz. med. zhur. no. 1:34-36 Ja-F '62.

SYMPHONY ORCHESTRAS see subdivision under Moscow

SYNCHRONOUS MOTORS see Electric motors, Synchronous

SYNOVIAL MEMBRANES—DISEASES

Exudate in acute traumatic serous synovitis of the knee joint and its change under the influence of the... therapy, clinical experimental study. A. V. ... Ortop., travm. i protez. no. 2:38-41 '62.

SYNTHETIC FABRICS

Furs from a conveyer. Sov. Soiuz no. 3:14-15 '62.

SYNTHETIC RUBBER see Rubber, Synthetic

SYNTHETIC TEXTILE FIBERS see Textile fibers, Synthetic

SYPHILIS

Complications in the treatment of syphilis with ... vocillin, arsenic-containing drugs, and salts of ... metals. R. A. Kapkaev. Med. zhur. Uzb. no. 4:54-... Ap '60.

SYPHILIS—DIAGNOSIS—WASSERMANN REACTION

Comparative electrophoretic study of protein fract... in sera which gave an either positive or negative ... for the immobilization of Spirochaeta pallida and for the Wassermann reaction. I. R. Rikhsiev. Med. zhur. Uzb. no. 1:70-72 Ja '62.

SYR DARYA—FLOOD FORECASTING

Flood flow in the Syr Darya River during stoppage ... flow of ice. V. V. Arkhipov, P. M. Mashukov. Tr. ... Sred.-Az. nauch.-issl. gidrometeor. inst. no. 7 ... 91 '61.

SYR DARYA—ICE ON RIVERS, LAKES, ETC

Flood flow in the Syr Darya River during stoppage ... flow of ice. V. V. Arkhipov, P. M. Mashukov. Tr. ... Sred.-Az. nauch.-issl. gidrometeor. inst. no. 7 ... '61.

SYRINGES

Semiautomatic machine for drawing scales on syringe cylinders F P Danil'chenko and others. Stek i ker 19 no 1 33-34 Ja '62.

SYRINGOMYELIA

Malignant exophthalmos in Parkinsonism and syringomyelia [with summary in French] D. R. Shtul'man Zhur. nevr. i psikh 62 no 3 367-373 '62

Pathogenesis, diagnosis and treatment of syringomyelia. A. M. Molchanova. Kaz. med. zhur no. 5 78-79 S-O '61

SYSTEMS (CHEMISTRY)

Complex formation in the system titanium(IV) - diantipyrylmethane - thiocyanate A K. Babko, M M Tanasiko Zhur neorg khim 7 no 3 562-570 Mr '62.

Electric conductance of melts of reciprocal pairs of salts System Na, Cs ‖ Cl, Br. B F Markov, V. D Prisiazhnyi Ukr. khim. zhur. 28 no. 2 268-269 '62

Equilibrium in the system titanium(IV) - diantipyrylmethane - thiocyanate - ethanol A K. Babko, M M Tananaiko Zhur neorg khim 7 no 3 571-575 Mr '62

Exchange reactions in the quinary reciprocal system consisting of eight salts with two double compounds V I Posypaiko, N S Dombrovskaia Zhur neorg khim 7 no 3 615-649 Mr '62

Fusibility curve of the ternary system consisting of cadmium, sodium, and lead chlorides I I. Il'iasov, A G. Bergman Zhur neorg. khim 7 no 2 356-359 F '62

Fusibility curve of the ternary system consisting of lithium, potassium, and ammonium nitrates A G Bergman, K. Nogoev Zhur neorg khim 7 no 2 351-355 F '62

Interaction between metallic compounds Ni_3Al and Ni_3Nb R. S Mints, G F. Belieaeva, IU S Malkov Dokl. AN SSSR 143 no. 4 871-874 Ap '62

Isotherm-isobar course of concomitant liquid and vapor near the binodal curve and the curve of vapor compositions of ternary demixing solutions [with summary in English] N P Markuzin Vest LGU 17 no 4 90-95 '62

Kinetic characteristics of thermal decomposition of mechanical mixtures and solid solutions of nickel and cobalt formates. V V. Sviridov, A. A. Sai Dokl AN BSSR 5 no 10 448-451 O '61

Leningrad. Vsesoiuznyi nauchno-issledovatel'skii institut galurgii. [Manual of experimental data on the solubility of salt systems] Spravochnik eksperimental'nykh dannykh po rastvorimosti solevykh sistem. Leningrad, Gos. nauchno-tekhn. izd-vo khim. lit-ry.

Vol. 3. [Two-component systems, elements of the I group and their compounds] Dvukhkomponentnye sistemy, elementy I gruppy i ikh soedinenii. Sost. A. B Zdanovskii i dr., Pod red. V. V. Vinzovova, A. D. Pel'sha, 1961. 2224 p.

Melting diagram of the reciprocal system consisting of sodium and cadmium bromides and iodides I I Il'iasov and others Zhur neorg khim 7 no 3 618-620 Mr '62

Melting diagram of the ternary reciprocal system of cadmium and thallium bromides and iodides I.I.Il'iasov, S D Dionis'ev, A G Bergman Zhur neorg khim 7 no 3 625-627 Mr '62

Metability of the ternary system of sodium, potassium, and cesium chlorides I I. Il'iasov, A. G. Bergman. Zhur neorg khim. 7 no 3 695-696 Mr '62

Physicochemical analysis of systems consisting of sodium tripolyphosphate, the soluble salt of a bivalent metal, and water L. I. Prodan, N F. Ermolenko. Dokl AN BSSR 5 no 10 442-447 O '61.

Pseudoternary carbide systems [from "Metall," no. 9, 1960]. Metalloved i term obr. met no. 2:59 F '62.

Quaternary reciprocal system consisting of Na, K, Ba ‖ Cl, SO_4 N V Khakhlova, N. S. Dombrovskaia Zhur neorg. khim 7 no 2 364-370 F '62

Reciprocal solubility in water systems containing uranyl nitrate and nitrates of other elements [with summary in English] M A IAkimov, N. F. Nosova. Vest LGU 17 no 4 106-114 '62.

Reciprocal system consisting of nitrites and nitrates of rubidium and barium. T. A. Andreeva, P. I. Protsenko. Izv. vys. ucheb. zav. ;khim. i khim. tekh 4 no 6:892-896 '61.

Reciprocal system of sodium and calcium pyrophosphates and sulfates. A G. Bergman, V. P. Goriacheva. Zhur. neorg. khim. 7 no 3 628-632 Mr '62.

Relation between the dielectric constant of the solvent and the viscosity of electrolyte solutions. Part 2: Systems AgBr, $AlgBr_6$ - C_6H_6 and AgBr, Al_2Br_6 - C_2H_5Br. E A. Gorenbein, P. I. Smolentsev. Ukr. khim. zhur. 28 no. 2:185-187 '62.

Sectioning of the constitution diagram of multicomponent systems according to apex indexes with complex formation between components. N. S. Dombrovskaia, O. S. Dombrovskaia. Zhur. neorg. khim 7 no 3:650-652 Mr '62

Solubility isotherm of the system $Pr(NO_3)_3$ - $RbNo_3$ - HNO_3 - H_2O. F. M. Perel'man, A. IA. Zvorykin, G. A. Demina. Zhur. neorg khim. 7 no. 3:641-644 Mr '62.

Study of chemical potentials of components of ternary water - salt solutions Part 1 Method for calculating chemical potentials $BaCl_2$ - HCl - H_2O system at 25° C [with summary in English] V I Timofeev Vest LGU 17 no 4 115-121 '62

Study of the system NaCl - RNH_2 - CO_2 - H_2O at 25°. E A. Rashkovskaia, T V Mozharova, L. T. Usenko. Ukr. khim. zhur. 28 no. 2 162-167 '62.

System CaO - MgO - ZrO_2 - SiO_2 and its significance for the technology of refractories. A.S Berezhnoi, R.A Korduiuk. Ogneupory 27 no 2:85-90 '62.

The system $CaSO_4$ - Na_2SO_4 - NaCl + H_2O at 25°C A. S Kolosov Izv Sib otd. AN SSSR no 12 64-71 '61

Temperature dependence of the equilibrium of three liquid phases in four-component systems G S Rodyshevskaia, N I. Nikurashina, R. V Mertsilin. Zhur. ob. khim 32 no 3 673-676 Mr '62.

Ternary system of lithium, sodium, and lead sulfates A.G Bergman, E.L. Bakumenkaia, V V. Keropian. Zhur neorg khim 7 no 3 621-624 Mr '62

Vapor pressure of the systems KCl - C_2H_5OH - H_2O, $CaCl_2$ - C_2H_5OH - H_2O and $CH_3OC_{10}H_7$ - C_2H_5OH - H_2O. V F Sergeeva, M. A. Mishchenko Zhur ob. khim 32 no 3 676-683 Mr '62

Water vapor pressure in the system $Mg(ClO_4)_2$ - $HClO_4$ - H_2O L. S Lilich, R S Smirnova, A I Okatova. Zhur neorg khim 7 no 2:377-378 F '62.

X-ray diffraction study of solid phases in ternary aqueous systems consisting of nickel, sodium, and aluminum sulfates at 25-65° C V G. Kuznetsov, B. Imanakunov. Zhur. strukt. khim. 3 no.1,51-63 Ja-F '62.

SYZRAN'—PENSIONS

This is the real concern, O. Platonova Sots. obesp. 23 no. 3:60 Mr '62.

SYZRAN'—SULFONIC ACIDS

Introducing a new method of production of thiosalts-petroleum demulsifying compounds at the Syzran' shale-processing plant V. N Lapin Trudy VNIIT no 10 175-179 '61

TABLES, MATHEMATICAL see Logarithms

TABLETS (MEDICINE)

Research in the field of the production of tablets soluble in the intestine S. A. Nosovitskaia, R. M Safiulin. Med. prom 15 no. 2:19-23 F '62.

TACHINID FLIES

Tachinid fly Pexopsis capitata Mesnil (Diptera, Larvaevoridae) a parasite of the Far Eastern June beetle Holotrichia diomphalia Bates (Coleoptera, Scarabaeidae) [with summary in English]. K. B. Borisova Ent obozr 40 no 3 584-594 '61

TAENIA

Helminthologic characteristics of muskrat. L. S. Shaldybin. Uch. zap GGPI no. 37:97-101 '60

TAGANROG—BLOOD DONORS

Work at Taganrog. V. Klimenkova. Sov. kraa. krest 11 no 1:20 Ja-Ag '61

TAGANROG—PUBLIC HEALTH

Work at Taganrog. V. Klimenkova. Sov. kraa. krest 11 no. 4,20 Ja-Ag '61.

TAGORE, SIR RABINDRANATH, 1861-1941

Classic of Indian literature. L. Demkina. Vop. lit. 6 no. 2:160-162 F '62.

TAILORING

(see also subdivision under Minsk)

Sukharev, M. I., and L. S. Fedoseeva. [Use of nonwoven fabrics (fibrous paper type) in the manufacture of men's jackets] Ispol'zovanie netkanykh materialov (tipa voloknistoi bumagi) pri izgotovlenii muzhskogo pidzhaka. Leningrad, 1961. 18 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serila: Shveinaia promyshlennost', no. 5)

TAJIKISTAN—ADMINISTRATIVE AND POLITICAL DIVISIONS

[Administrative and territorial division of the Tajik S. S. R. as of January 1, 1960] Administrativno-territorial'noe delenie Tadzhikskoe gos. izd-vo, 1960. 170 p.

[MICROFILM]

TAJIKISTAN—ASCARIDS AND ASCARIASIS

Dynamics of ascariasis in regions where mountain dwellers settle down in valleys. S. L. Al'f and others. Sbor. rab. po mal. i gel'min, no. 2:223-227 '59.

Epidemiology of ascariasis in high mountain regions of Tajikistan and measures for eradication. S. L. Al'f and others. Sbor. rab. po mal. i gel'min. no 2:219-222 '59.

TAJIKISTAN—COURTS

"History of Soviet courts in Tajikistan" by Sh. Razykov. Reviewed by V. A. Ivanov. Izv. vys. ucheb. zav. ,prav. 6 no. 1:185-186 '62.

TAJIKISTAN—EARTHWORMS

Differences in earthworm population in dark Sierozem and meadow-swamp soils and the effect of soil cultivation on the changes in their population in Tajikistan [with summary in English]. B. Vallakhmedov, T. S. Perel' Zool. zhur. 40 no. 12:1808-1814 D '61.

TAJIKISTAN—EDUCATION

First original pedagogical books in the Tajik language in the 11th century M. A Aripov Dokl APN 5 no 6 53-54 '61

TAJIKISTAN—EDUCATION OF CHILDREN

Education of children among the Tajiks in the remote historical past. M. A. Aripov Dokl APN 5 no. 4:45-48 '61.

TAJIKISTAN—FEEDS

Economic bases for the development of a stable feed supply for stockbreeding in mountain areas of the Tajik S. S. R. K. G. Voronina Trudy Inst. zhiv i vet. AN Tadzh SSR 5 no 6:153-191 '61.

TAJIKISTAN—MALARIA

Chemoprophylaxis of tertian and tropical malaria with chloridine in malaria centers with different levels of communicability. A. IA. Lysenko and others Sbor. rab. po mal. i gel'min. no. 2 205-213 '59.

Comparative evaluation of various methods for the detection of persons sick with malaria in Tajikistan. E I. Pastovskaia, A. K. Ivanenko. Sbor. rab. po mal. i gel'min. no 2 21-24 '59.

Introduction. M IA. Rasulov. Sbor. rab. po mal. i gel'min. no. 2:3-4 '59.

Materials toward the improvement of methods for the use of DDT as an antimalarial drug in the zone of propagation of Anopheles superpictus. E. S Kalmykov, A. IA. Lysenko. Sbor. rab. po mal. i gel'min. no. 2 33-47 '59.

Principal results of three years' work for the extermination of malaria as a mass disease in the Tajik S. S. R A. IA Lysenko and others. Sbor. rab. po mal. i gel'min. no. 2 5-19 '59

Quinocide in the radical treatment and chemoprophylaxis of tertian malaria; 3 years' experience in the Tajik S. S. R. A IA. Lysenko. Sbor. rab. po mal. i gel'min no. 2:187-203 '59.

TAJIKISTAN—MILLET

Experiments in the cultivation of sorghum and milletlike forage crops in unimproved dry areas of southern Tajikistan L. P. Sin'kovskii. Trudy Inst zhiv i vet AN Tadzh SSR 5 no 6 3-50 '61

TAJIKISTAN—MINERALS IN SOIL

Grabovskaia, O. A. [Desalinization processes of soils in the valleys of southern Tajikistan during reclamation] Protsessy rassoleniia pochv dolin IUzhnogo Tadzhikistana pri melioratsii. Stalinabad, Izd-vo Akad. nauk Tadzhikskoi SSR, 1961. 271 p (Akademiia nauk Tadzhikskoi SSR, Stalinabad. Institut pochvovedeniia. Trudy, vol. 10)

TAJIKISTAN—MOSQUITOES

Effective season of the infection of Anopheles superpictus with malaria germs. E. S. Kalmykov Sbor. rab. po mal. i gel'min. no. 2:153-173 '59.

Materials toward the improvement of methods for the use of DDT as an antimalarial drug in the zone of propagation of Anopheles superpictus. E. S Kalmykov, A IA Lysenko. Sbor. rab. po mal. i gel'min. no 2 33-47 '59.

Observations on the ecology of Anopheles superpictus in the hill zone of central Tajikistan. B. N. Kazanteev. Sbor. rab. po mal. i gel'min no. 2 125-138 '59.

TAJIKISTAN—MOSQUITOES—EXTERMINATION

Data on the acclimatization of gambusia in the Tajik S. S R. B. N. Kazantsev. Sbor. rab. po mal. i gel'min. no 2 175-185 '59.

TAJIKISTAN—OPERA

"Distinguished bridegroom." IA. Solodukho. Sov. muz. 26 no. 3:94-96 Mr '62.

TAJIKISTAN—PASTURES AND MEADOWS

Ecologic conditions of the maintenance of sheep on alpine summer pastures on the Peter I Range. M. A. Ermolenko Trudy Inst zhiv. i vet AN Tadzh SSR 5 no. 6 111-137 '61

TAJIKISTAN—SHEEP

Ecologic conditions of the maintenance of sheep on alpine summer pastures on the Peter I Range. M. A Ermolenko Trudy Inst zhiv. i vet. AN Tadzh. SSR 5 no. 6 111-137 '61.

TAJIKISTAN—SILKWORMS

Application of DDT in regions of silkworm breeding of greater or less productivity. L. IA. Il'iashenko. Sbor. rab. po mal. i gel'min. no. 2:145-149 '59.

TAJIKISTAN—SORGHUM

Experience in the cultivation of Sudan grass and sorghum x Johnson grass hybrid without irrigation in the most southern regions of Tajikistan L. P. Sin'kovskii. Trudy Inst. zhiv. i vet. AN Tadzh. SSR 4 no 5-83-128 '60.

TAJIKISTAN – SORGHUM (Continued)

Experiments in the cultivation of sorghum and milletlike forage crops in unimproved dry areas of southern Tajikistan. L. P. Sinitskovskii. Trudy Inst. zhivotnovod. AN Tadzh. SSR 5 no. 6 3-50 '61

TAJIKISTAN—STOCK AND STOCKBREEDING

Economic bases for the development of a stable feed supply for stockbreeding in mountain areas of the Tajik S. S. R. K. G. Voronina. Trudy Inst. zhivotnovod. AN Tadzh. SSR 5 no. 6 153-191 '61

TAJIKISTAN—SUDAN GRASS

Cultivation of Sudan grass in dry areas of Tajikistan. A. P. Saverkin. Trudy Inst. zhivotnovod. AN Tadzh. SSR 4 no. 5 3-81 '60

Experience in the cultivation of Sudan grass and sorghum × Johnson grass hybrid without irrigation in the most southern regions of Tajikistan. L. P. Sinitskovskii. Trudy Inst. zhivotnovod. AN Tadzh. SSR 4 no. 5 83-128 '60

TAJIKISTAN—SUNFLOWERS

Special aspects of cultivating sunflowers for ensilage in irrigation and dry-farming areas of Tajikistan. V. N. Litvinov. Trudy Inst. zhivotnovod. AN Tadzh. SSR 5 no. 6 51-109 '61.

TAJIKISTAN—WOMEN—EMPLOYMENT

Mistresses of their destiny. M. Karimova. Sov. profsoiuzy 18 no. 5 9-10 Mr '62

TALAS ALA-TAU—GEOLOGICAL TIME

Absolute age of alkali rocks in the northwestern part of the Talas-Ala-Tau. K. A. Abdrakhmanov and others. Izv. AN Kazakh. SSR. Ser. geol. no. 4 89-91 '61

TALAS ALA-TAU—MAGNETITE

Mineralographic characteristics of magnetite ores in the Irusu Massif. A. B. Batalov. Izv. AN Kazakh. SSR. Ser. geol. no. 4 50-64 '61

TALAS ALA-TAU—ROCKS, IGNEOUS

Absolute age of alkali rocks in the northwestern part of the Talas-Ala-Tau. K. A. Abdrakhmanov and others. Izv. AN Kazakh. SSR. Ser. geol. no. 4 89-91 '61.

Geologic and petrographic features of the alkali intrusion in the Irusu Massif of the Talas Ala-Tau. K. A. Abdrakhmanov. Izv. AN Kazakh. SSR. Ser. geol. no. 4 31-49 '61.

TALC see subdivision under Akatuy region

TALES

Notes on N. E. Onchukov's compilation "Northern tales." K. V. Chistov. Trudy Karel. fil. AN SSSR no. 8 5-29 '57

TALES, AVARIC

Akademiia nauk SSSR. Dagestanskii filial. Institut istorii, iazyka i literatury. [Avarian folk tales] Avarskie narodnye skazki. Makhachkala, Dagestanskoe knizhnoe izd-vo, 1958. 227 p.
(MH)

TALES, MALAYAN

The Johore edition of the "Tale about Hang Tuah." B. B. Parnikel'. Nar. Azii i Afr. no. 1:147-155 '62.

TALL OIL

Using tall oil for the preparation of rosin-containing alkyd resins. L. N. Luchanskii, A. V. Davydov, B. Sh. Sheinfel'd. Lakokras. mat. i ikh. prim. no. 6 75-77 '61

TALLINN—EDUCATION, COOPERATIVE

First results of the organization of students' production work. V. P. Pohjane. Sred. spets. obr. 9 no. 2 22-24 F '62.

TALLINN—PENSIONERS

"From the work experience of the 'council of pensioners' in the Central District of Tallinn" [in Estonian] by E. Vorontsov and others. Reviewed by M. Emel'ianova. Sov. deput. trud. no. 3 91 Mr '62.

TALOVAYA REGION—ROAD CONSTRUCTION

Let us carry out the seven-year plan of road construction in five years. I. Ovchinnikov. Avt. dor. 25 no. 3,4 Mr '62.

TAMAN'—ANTIQUITIES

Ancient layers of Hermonassa. I. B. Zeest. Krat. soob. Inst. arkheol. no. 93 53-58 '61.

TAMAN'—BURIAL

Archaeological excavations of the Hermonassa necropolis in 1956-1957. N. P. Sorokina. Krat. soob. Inst. arkheol. no. 83 46-52 '61

TAMAN'—CLASSICAL ANTIQUITIES

Archaeological excavations of the Hermonassa necropolis in 1956-1957. N. P. Sorokina. Krat. soob. Inst. arkheol. no. 83 46-52 '61.

TAMAN' PENINSULA—VASES, GREEK

Panathenaic amphora from the Zelenskiy burial mound. M. I. Maksimova. Krat. soob. Inst. arkheol. no. 93 15-20 '61.

TAMARISK see subdivision under Kyzyl Kum

TAMBOV PROVINCE—ATHEISM—STUDY AND TEACHING

Religion is poison, take care of your children! I. Ovsiannikov. Kul't.-prosv. rab. 23 no. 3 25 Mr '62

TANDLER, JULIUS, 1869-1936

A distinguished man - Julius Tandler. G. Gliazer. Sov. zdrav. 21 no. 3:102 '62

TANGANYIKA—ECONOMIC CONDITIONS

Torch of freedom over Kilimanjaro [with English summary in insert]. V. Kuznetsov. Az. i Afr. seg. no. 3 20-22 Mr '62.

TANGANYIKA—FOREIGN ECONOMIC RELATIONS—GERMANY, WEST

Bonn and Tanganyika. I. Sivtsev. Nov. vrem. 20 no. 13: 18-19 Mr '62.

TANGANYIKA—POSTAGE STAMPS

Stamps of independent Tanganyika. O. Orestov. Az. i Afr. seg. no. 3,60 Mr '62

TANGERINE

Sterility in Unshiu tangerines and its relation to desoxyribonucleinic acid [with summary in English]. I. S. Kapanadze. Subtrop. kul't. no. 4,76-80 '61.

TANGUT LANGUAGE—VOCABULARY

New dictionaries in the collection of Tangut manuscripts of the Leningrad Branch of the Institute of the Peoples of Asia of the Academy of Sciences of the U.S.S.R. E. I. Kychanov. Strany i nar. Vost. no. 2:231-242 '61.

TANK VESSELS

Power plant on the tank vessel "Mir." I. A. Zaitsev, P. A. Kiriushkin. Sudostroenie 28 no. 2:37-40 F '62.

Tank vessel "Druzhba." A. P. Dorokhov. Sudostroenie 28 no. 2:1-5 F '62.

Tank vessel "Mir." I. A. Zaitsev. Sudostroenie 28 no. 2:5-9 F '62

TANK VESSELS—EQUIPMENT AND SUPPLIES

PNR-600/50 electric sinker pump for petroleum tank vessels. M. Raben, G. Sizov, V. Usachev. Rech. transp. 21 no. 2,34-35 F '62.

TANK WARFARE

Nemtsev, S. D. [Dzhikaev's secret] Sekret Dzhikaeva. Moskva, Voen. izd-vo M-va oborony SSSR, 1961. 34 p. (Biblioteka soldata i matrosa)

Only forward! L. Saltykov. Voen. vest. 41 no. 2:15-17 F '62.

Rapidity and decisiveness. V. Kovalets. Voen. vest. 41 no. 2:53-56 F '62.

"Tank units in battle" by L. S. Stetsiuk. Reviewed by V. Vlasov. Starsh.-serzh. no. 12:25 D '61.

Tanks attack on the virgin snow. T. Kudriavtsev. Voen. vest. 41 no. 2:22-25 F '62.

Tanks cooperate with infantry. K. Pilipenko. Voen. vest. 41 no. 2:14-15 F '62.

TANKS

Fediushin, N. D. [Tables for determining the strength of circular pipes, hollow cylinders and tanks subjected to radial pressure] Tablitsy dlia opredeleniia prochnosti kruglykh trub, polykh tsilindrov i rezervuarov, podverzhennykh radial'nomu davleniiu. Moskva, Mashgiz, 1962. 96 p.

One-dimensional nonstationary gas inflow and outflow from tanks with limited capacity. A. F. Ostpov. Inzh. zhur. 2 no. 1 29-40 '62

TANKS—WELDING

Mechanized argon-arc welding of the aluminum part of oil tanks. A. M. Gofner, V. V. Zheltenkov. Avtom. svar. 15 no. 4:85-87 Ap '62.

TANKS (MILITARY SCIENCE)

Field firing of a tank platoon. R. Altuganov. Voen. vest. 41 no. 2:96-99 F '62.

The flowers are growing. I. Skarinkin. Sov. voin. 44 no. 5:6-7 Mr '62.

From the general to the particular. A. Lovi. Voen. vest. 41 no. 2:100-102 F '62.

Train specialists of a high class. I. Iakovlev, K. Zhidkov. Voen. vest. 41 no. 12:56-59 D '61.

Wear will be less. A. Belev. Starsh.-serzh. no. 12:10 D '61.

TANKS (MILITARY SCIENCE)—COLD WEATHER OPERATION

Determining the passability of terrain. A. Slobodianiuk. Voen. vest. 41 no. 12:26-28 D '61.

There is a snowplow on a cross-country route. P. Belenev. Starsh.-serzh. no. 12:19 D '61.

There is snowy ground ahead. I. Iziumov. Starsh.-serzh. no. 12:8-9 D '61.

TANNENBERG, BATTLE OF, 1410

Dundulis, Bronius. [Lithuanian struggle for Samogitia and Uznemune in the 15th century] Lietuviu kova del Zemaitijos ir Uznemunes XV amziuje. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1960. 316 p. [In Lithuanian]
(MH)

TANNING

Effect of the scalding temperature on the wear resistance of sole leather. G. I. Kutianin, K. G. Karlinov. Kozh.-obuv. prom. 4 no. 1:23-25 Ja '62

TANNING—TECHNOLOGICAL INNOVATIONS

New technological processes in the leather industry. I. Iu. Irgei, V. N. Khodosova. Biul. tekh.-ekon. inform. no. 2:49-51 '62

TANNING MATERIALS

Methods of anatomical and microchemical determination of ephedrine and tanning substances in the almost leaf Ephedra L. M. Khashimuratov. Bot. zhur. 47 no. 2 236-238 F '62

TANNING MATERIALS—STORAGE

Experience in the storage of crushed willow bark. M. I. Karpman. Kozh.-obuv. prom. 4 no. 1:27 Ja '62

TANNINS

Distribution of tannins in different organs of Potentilla erecta (L.) Raeusch. I. V. Selenina. Trudy Len. khim.-farm. inst. 12 267-273 '61.

Relationship between the accumulation of tannins and certain ecological and biological characteristics of plants. Data on materials on the study of tannin plants of the Far East S. S. R. TS. P. Tkachuk. Trudy Len. khim.-farm. inst. 12:295-296 '61

TANNU-TUVA see Tuva A.S.S.R.

TANTALUM

Effect of tantalum on physicomechanical and cutting properties of tungsten carbide-cobalt alloys. V. I. Funke, V. IA. Lider, V. S. Panov. Vest. mash. 42 no. 3:79-82 Mr '62.

State of niobium and tantalum in tartaric acid solutions. I. P. Alimarin, O. M. Petrukhin. Zhur. neorg. khim. 7 no. 2 401-406 F '62.

TANTALUM-NICKEL ALLOYS see Nickel-tantalum alloys

TAOISM

"Lao-tzu" by Ch'e Tani. Reviewed by V. A. Rubin. Sovr. kit. lit. po obshchestv. naukam no. 45:163-165 '61

TARASHCHA DISTRICT—FERTILIZERS AND MANURES

We use machinery in the production and application of fertilizers. S. Vinnichenko. Part. zhizn' no. 7:41 42 Ap '62.

TARASOVA, ALLA KONSTANTINOVNA, 1908-

Serafima lives "normally." Z. Vladimirova. Teatr 23 no. 3:36-37 Mr '62

TARBAGATAY RANGE—CORALS, FOSSIL

Convergence of Liopora and Nyctopora genera of the tabulate corals of the Lower Ordovician in the Tarbagatay Range. O. B. Bondarenko. Paleont. zhur. 1 58-65 '62

TARGETS (MILITARY SCIENCE)

Electrified truck for moving targets. A. Radovskii. Voen. vest. 41 no. 12:111-112 D '61

TARIFF

Current review of wholesale prices and tariffs. P. Ivanov. Kommunist 39 no. 7:53-59 My '62.

TARIM VALLEY—BOTANY

Comparative characteristics of the flood plain vegetation of Amu Darya and Tarim Rivers (southern Sinkiang). M. P. Petrov. Trudy TashGU no. 187:64-76 '61

TARTARIC ACID

Copper plating from an electrolyte containing a complex copper alkali salt of tartaric acid. I. N. Gludkii, V. A. Marchenko. Izv. vys. ucheb. zav.; khim. i khim. tekh. 4 no. 6:1003-1005 '61.

Manufacturing tartaric acid and crude alcohol from grape pomace by applying the battery diffusion. K. V. Marenkov, G. M. Shubina, V. E. Rogov. Trudy Nauch.-issl. inst. sad., vin. 24 35-40 '60.

State of niobium and tantalum in tartaric acid solutions. I. P. Alimarin, O. M. Petrukhin. Zhur. neorg. khim. 7 no. 2:401-406 F '62.

TASHAUZ PROVINCE—CORN (MAIZE)—FERTILIZERS AND MANURES

Effect of fertilizers on corn yields in Tashauz Province. T. B. Bazanova. Izv. AN Turk. SSR. Ser. biol. nauk no. 1 14-20 '62.

TASHKENT—CONIFERAE

Microbiota decussata Kom. in the Botanical Garden of the Academy of Sciences of the Uzbek S. S. R. T. I. Slavkina. Trudy TashGU no. 187:257-260 '61.

TASHKENT—HINDI LANGUAGE—STUDY AND TEACHING

They study Hindi. Z. Ravshan. Uzbekiston 21 no. 15 Ja '62.

TASHKENT—HISTORICAL MUSEUMS

The Historical Museum of the Academy of Sciences of the Uzbek S. S. R. T. Faiziev. Sov. etn. no. 1 103-104 Ja-F '62.

TASHKENT—LEPTOSPIRA BIFLEXA

Some characteristics of Leptospira strains from irrigation ditches in Tashkent. I I Ashmarin Med zhur. Uzb. no 4 37-41 Ap '60.

TASHKENT—MINERAL WATERS

Principles and methods in treating diseases of the digestive system with Tashkent mineral water. R. A. Kitsenovich. Med. zhur Uzb. no. 4,16-19 Ap '60.

TASHKENT—POLIOMYELITIS

Work of the diagnostic ward during the poliomyelitis epidemy of 1959 A. P. Udalova, L. B Uvarova Med zhur Uzb no 1 49-50 Ja '60

TASHKENT—TEXTILE INDUSTRY

How the party organization of the Tashkent Textile Combine carries out the decisions of the 22d Congress of the CPSU on ways to increase production and improve quality. Part. zhizn' no 7:30-33 Ap '62

TASHKENT—THLADIANTHA

Thladiantha dubia and its cultivation in Tashkent. P. O. Gushchin. Trudy TashGU no 6 224-230 '61.

TASHKENT PROVINCE—ALGAE

Algae of the irrigation systems of Tashkent Province M. Kuchkarova Uzb. biol. zhur. 6 no. 1;35-39 '62

TASHKENT PROVINCE—COTTON GROWING

Overall mechanization ensures success. K. Mudaliev. Komm. Uz. 34 no. 2;71-77 F '62.

TASHKENT PROVINCE—MEDICAL SOCIETIES

Annual report of the Tashkent Province Pathoanatomical Society for 1959. G. N. Terekhov, N. P. Kruf'ko. Med zhur. Uzb no. 1;73 Ap '60.

TASHKENT REGION—WINTERFAT

Changes in the ontogenesis of the old-world winterfat (Ceratoides C. A. M.) under the conditions of Tashkent. L. A. Rotkova, I. S Borodin. Trudy TashGU no 197 149-158 '61.

TASTE

Reflex reactions of the gustatory receptors of the tongue in the art excitation of the gastric receptors [with summary in English]. N. S. Zatko, E. S. Lokshina. Biul. eksp biol i med. 53 no. 1-12-14 Ja '62

TATAR A.S.S.R.—BENTONITE

Bentonite clays of the Tatar A.S.S.R. A. IA. Kalashnikova, N. V Kirsanov, R. D Pozdnev. Lit. proizv. no 3;1-6 Mr '62.

TATAR A.S.S.R.—BOOKSELLERS AND BOOKSELLING

Increase the participation of the community. A. Emel'ianov. Sov. knizh. torg 14 no 3;18 Mr '62.

TATAR A.S.S.R.—DIPLOPODA

Ecology of Diplopoda in the Tatar A.S.S.R. [with summary in English]. M. M. Aleinikova, L. L. Lokshina. Zool. zhur. 41 no. 3;372-377 Mr '62.

TATAR A.S.S.R.—ELECTRIC POWER DISTRIBUTION

Problem concerning the electric power supply of the oil bearing regions of the Tatar A. S. S. R. V. V. Sivel'kin, A. G. IAkovlev Trudy Kazan. fil AN SSSR Ser. energ i ved khoz no. 2;109-116 '61

TATAR A.S.S.R.—ELECTRIFICATION

Agricultural power engineering problems of the Tatar A. S. S. R. IU. V. Skobel'tsyn Trudy Kazan. fil AN SSSR Ser. energ i ved khoz. no. 2,5-8 '61.

Analytical method for determining the engineering and economic indices of electric power supply to agricultural districts as applied to small zones V. T. Ol'shevskaia. Trudy Kazan fil. AN SSSR. Ser. energ. i ved khoz no. 2;17-32 '61.

Basis for choosing the sequence of the electrification of agricultural districts in the Tatar A. S. S. R V. A. Kapustin. Trudy Kazan. fil. AN SSSR. Ser. energ. i ved. khoz. no 2,9-16 '61.

Electric power consumption and operational indices of the electrification of agricultural districts of the Tatar A. S. S. R. N. I. Bednov, V. A. Kapustin. Trudy Kazan. fil AN SSSR. Ser. energ. i ved. khoz. no. 2;49-58 '61

Simplified method for the preliminary design determination of the engineering and economic indices of electric power supply systems to small agricultural zones. V. T. Ol'shevskaia Trudy Kazan fil. AN SSSR. Ser energ. i ved khoz. no. 2;33-48 '61.

TATAR A.S.S.R.—EMPLOYEES, TRAINING OF

We study communism. O. Dantlov. Mol. komm. no. 4;96-101 Ap '62.

TATAR A.S.S.R.—FUEL

Problem concerning the fuel power resources of the agricultural districts of the Tatar A. S. S. R. V. A Kapustin, S. G. Appel'. Trudy Kazan. fil. AN SSSR. Ser. energ. i ved. khoz. no. 2;59-73 '61.

TATAR A.S.S.R.—GOITER

Endemic goiter in children in some regions of Tatarstan and its prevention. F. G. Tazetdinova. Kaz. med. zhur. no. 5;83-85 S-O '61.

TATAR A.S.S.R.—OIL FIELDS—BUILDINGS AND STRUCTURES

Sokolov, G. D. [Industrialization of the construction of oil field installations, practice of the Tatar Economic Council] Industrializatsiia stroitel'stva neftepromyslovykh ob"ektov, iz opyta Tatarskogo sovnarkhoza. Kazan', TSentr. biuro tekhn informatsii, 1960. 37 p

TATAR A.S.S.R.—OIL WELL DRILLING

The highest speed and the lowest cost of drilling M. Grin'. Agitator no 8 30-33 Ap '62

TATAR A.S.S.R.—REVOLUTION, 1917-1921

Kommunisticheskaia partiia Sovetskogo Soiuza. Tatarskii oblastnoi komitet. Partiinyi arkhiv. [The Tatar Bolsheviks during the civil war and foreign armed intervention, August 1918-December 1920, collected documents and source materials] Bol'sheviki Tatarii v gody inostrannoi voennoi interventsii i grazhdanskoi voiny, avgust 1918-dekabr' 1920, sbornik dokumentov i materialov Kazan', Tatarskoe knizhnoe izd-vo, 1961 706 p.

TATAR A.S.S.R.—STATISTICS, VITAL

Basic data on the natural movement and morbidity of the population of the Tatar A. S. S. R. from 1910 to 1960. Kaz. med. zhur. no. 1 81-87 Ja-F '62.

TATAR LANGUAGE—PHONETICS

Baichura, U. Sh. [The phonetics system of the Tatar language, in connection with certain other Turkic and Finno-Ugrian languages] Zvukovoi stroi tatarskogo iazyka, v sviazi s nekotorymi drugimi tiurkskimi i finno-ugorskimi iazykami. [Kazan'] Izd-vo Kazanskogo univ.
Pt. 2. 1961. 390 p.

TATAR LITERATURE—BIBLIOGRAPHY see Bibliography—Tatar literature

TAX ACCOUNTING see subdivision under Leningrad

TAXATION OF SALES see Sales tax

TAYLOR'S SERIES (MATHEMATICS) see Series, Taylor's

TAZ PENINSULA—GEOLOGY

Geology of the Taz Peninsula IU F. Andreev, Zh M Belorusova. Trudy VNIGRI no 166 176-202 '61

THILISI see Tiflis

THILISSKAYA—BOOKSELLERS AND BOOKSELLING

Old friends. IU. Bezelianskii, IU Khachaturov Sov potreb koop. 6 no. 3,9-11 Mr '62

TEA see subdivision under Azerbaijan; India

TEA—DISEASES AND PESTS

Scale insects Leucaspis japonica Ckll. and Aspidiotus hederae Vall. as tea pests. V. S. Dzhashi. Subtrop. kul't. no. 4,13-16 '61.

TEA—FROST RESISTANCE see subdivision under Krasnodar Territory

TEA MACHINERY

SSH-6G universal machine for tea plantations on mountain slopes [with summary in English]. I. N. Bobokhidze. Subtrop. kul't. no. 4-3-12 '61.

TEA TRADE—HYGIENIC ASPECTS

Problems of occupational hygiene in the tea industry. G. Z. Pitskhelauri. Gig. truda i prof. zab. 4 no. 11,44-45 N '60.

TEACHERS

Let's talk about the main thing. A V. Svirdov and others. Doshk. vosp. 35 no. 4,16-29 Ap '62

They do not age. A. F. Kolesnikova Doshk vosp 35 no 3,95-96 Mr '62.

What a teacher should be like. A. Nikolaicheva Doshk vosp 35 no 3 6-8 Mr '62

TEACHERS—SALARIES, PENSIONS, ETC.
(see also subdivision under Germany, East)

In the Ministry of Education of the R. S F. S R Nach shkola 30 no. 4,89-90 Ap '62

TEACHERS, TRAINING OF
(see also subdivision under Komi A. S. S. R.; Kuybyshev Province; Norway, Orenburg, Sakhalin)

The education of future educators (conclusion) B. Khandros. Ukraina no. 6,21-22 Mr '62.

Suggestions for improving the training of Russian language and literature teachers in pedagogical institutes, G. M. Makarov. Rus. iaz v shkole 23 no. 2;77-79 Mr-Ap '62.

Training mathematics teachers according to the new programs, L. M Volov. Mat. v shkole no. 2;82 Mr-Ap '62.

Training students in conducting industrial field trips. V. A. Rudenko. Shkola i proizv. 6 no. 1;77-79 Ja '62.

TEACHING
(see also subdivision under Erivan, Lipetsk Province)

Are these innovations expedient? M. P. Saukh. Rad. shk. 40 no. 3 58-59 Mr '62.

Means of encouraging the participation of correspondence students in group consultations I I Poltoratskii Sred spets obr 9 no 2 13-18 F '62

Relationship between logic and pedagogy V G Farber Dokl APN 5 no 6 31-36 '61

We are for the lecture and practice method of education D S Liudmilov Rad shk 40 no 3 57-58 Mr '62

TECHNETIUM

Technetium as a corrosion inhibitor A. A. Pozdniakov, S. S Rodin Zhur. VKHO 7 no 1,116-117 '62

TECHNICAL EDUCATION
(see also subdivision under Noril'sk, Siberia, Western)

Content of industrial and technical activity, some problems of technical education L. V Berman Dokl APN 5 no 6 5-10 '61

Frenkel', S. Sh. [Laboratory exercises and problems on milling work] Laboratornye raboty zadachi po frezernomu delu. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1961. 180 p

Let us disseminate technical knowledge among young people IU Shramko Za rul. 20 no 3-1-2 Mr '62.

School and the age M. Skatkin. Sov. Soiuz no 4 14-19 '62

Seminars for highway transport workers organized by the All-Union Scientific Research Institute for Road Construction and Maintenance and by the Exhibition of the Achievements of the National Economy Avt dor 25 no 3 31-32 Mr '62.

Some factors of good working habits. V. A. Sukhomlinskii. Shkola i proizv. 6 no. 1;7-11 Ja '62.

Special subject teacher and production. A P Maslov. Sred. spets. obr. 9 no 3 31-34 Mr '62.

Stollarov, IU. S. [Let's teach students present-day technology; reorganizing the extracurricular work on technology] Shkol'nikam - sovremennuiu tekhniku; o perestroike vneklassnoi raboty po tekhnike. Moskva, Izd-vo "Znanie," 19621 31 p. (Novoe v zhizni, nauke, tekhnike Seriia 11: Pedagogika, no. 3)

TECHNICAL SOCIETIES—CONGRESSES

Honorary members and members of the central board elected by the Second Congress of the Scientific and Technological Society of the Machinery Industry Mashinostroitel' no. 3,10-11 Mr '62.

TECHNICIANS IN INDUSTRY

Methods for classifying the work performed by engineers and technicians according to its complexity. IA. Gomberg. Sots. trud 7 no. 3-76-81 Mr '62.

Shortcoming in planning the number of engineers and technicians. L. El'iashev. Fin. SSSR 23 no. 3;41-46 Mr '62.

TECHNOLOGICAL INNOVATIONS
(see also subdivision under Dnepropetrovsk Province, Estonia, Kazan; Virgin Territory)

Advertising board. Izobr. i rats. no. 2 32-33 F '62.

Coevals of the future V. Issev Nauka i zhizn' 29 no 2 69 F '62.

Consultations. Izobr. i rats. no. 2 25 F '62.

Exchange of news and practice. Izobr. i rats. no 2 18-19 F '62.

Following up our articles. Izobr. i rats. no. 2;35 F '62.

From foreign countries. Izobr. i rats. no. 2-38-39 F '62.

From the notebook of the IR technologist. Izobr. i rats. no. 2;36-37 F '62.

Good news. Sov. profsoiuzy 18 no 4 14-15, 17 F '62

In the whole world. Znan. sila 37 no. 2;51-53 F '62.

Introduce the industrial application of electric and electronic fields in the national economy. V I Popokov, V. V. Grigor'ev, A. I. But. Prom energ. 17 no 2,1-4 F '62.

Inventor and his remuneration. I. Osipov. Izobr. i rats. no. 2,23 F '62.

Kaleidoscope of inventions and discoveries. Znan. sila 37 no. 2,52-53 F '62.

New developments in the field of science and technology. Ukraina no. 2;19 Ja '62

News of science and technology Fiz. v shkole 22 no. 1-19-20 Ja-F '62.

Our correspondence-design office. Izobr. i rats. no. 2;10-12 F '62.

Our news stories. Ukraina no. 6-20 Mr '62

Readers' letters. Izobr. i rats. no. 2 24, 30 F '62.

Research by means of the ruble Izobr. i rats. no. 2-1-2 F '62.

Suggested, created, introduced. Izobr. i rats. no. 2-20-21 F '62.

"Unfortunately there was a saving," I. Emanuilov. Izobr. i rats. no. 2 30 F '62.

TECHNOLOGICAL INNOVATIONS—BIBLIOGRAPHY see Bibliography—Technological innovations

TECHNOLOGY

Boboshko, K. K. [Pulse of the seven-year plan, studies on new machinery and their creators] Puls semyletchky, nauchno pro novu tekhniku ta yi tvortsiv. Kyiv, Vyd-vo TsK LKSMU "Molod'," 1961. 146 p.

Technological division of labor and the scientific basis for the classification of workers. E. Kulikova. Sots. trud. 7 no. 3:16-24 Mr '62.

TECHNOLOGY—BIBLIOGRAPHY see Bibliography—Technology

TECHNOLOGY—RESEARCH see subdivision under Kazakhstan

TECHNOLOGY AND CIVILIZATION

Gapochka, M. P. [Role of production in the life of society] Rol' proizvodstva v zhizni obshchestva. Moskva, Izd-vo "Znanie," 1962. 38 p. (Narodnyi universitet kul'tury. Obshchestvenno-politicheskii fakul'tet, no. 17)

TEDER, KRISTJAN, 1901-1960

Teder, Kristjan. [Kristjan Teder, 1901-1960; a catalog of his works] Kristjan Teder, 1901-1960. Kataloog. Tartu, 1961. 40 p. illus.

TEDZHEN RESERVOIR—CARP

Materials on the biology of the Transcaspian Varicorhinus capoeta heratensis (Keyserling) in the Tedzhen Reservoir. F. D. Mukhamedieva. Nauch. dokl. vys. shkoly, biol. nauki no. 1:23-28 '62.

TEEN-AGE see Adolescence

TEETH

Structure of teeth in the embryos of toothed whales [with summary in English]. V. A. Plotkin. Zool. zhur. 40 no. 12:1901-1902 D '61.

TEETH—CARE AND HYGIENE

This depends on us.... N. M. Chuprynina. Sov. krasnoarmeets. 11 no. 1:21 Ja-Ag '61.

TEETH, ARTIFICIAL

Improve the quality of dental prostheses. M. Marshak. Zdrav. Bel. 8 no. 1:75 Ja '62.

TEETH, FOSSIL

Differences in the molars of various order numbers in the mammoth. V. V. Shchegolova. Dokl. AN SSSR 5 no. 10:465-469 O '61.

TEETHING see Dentition

TEICHOIC ACID

Isolation and some properties of teichoic acid from Actinomyces streptomycini brass. I. B. Naumova, A. N. Belozerskii, G. A. Shafikova. Dokl. AN SSSR 143 no. 3:730-733 Mr '62.

TELECOMMUNICATION—BIBLIOGRAPHY see Bibliography—Telecommunication

TELEMETERING

Elements of a pulse-time telemetering system [with summary in English]. A. A. Abdullaev, I. A. Nabiev. Avtom. i telem. 23 no. 3:396-406 Mr '62.

Experience in operating a frequency remote control system and a signaling system. V. A. Smidovich and others. Elek. sta. 33 no. 2:72-75 F '62.

Kupershmidt, IA. A., V. S. Malov, and A. M. Pshenichnikov. [Present-day telemetering systems] Sovremennye telеizmeritel'nye sistemy. Moskva, Gos. energ. izd-vo, 1961. 86 p. (Biblioteka po avtomatike, no. 44)

Remote measuring systems with controlled current in the TRT-1 network. Prom. energ. 17 no. 2:41 F '62.

Some methods for increasing the interference proofness of pulse-code modulation signals and the use of these methods in a distant telemetering system. A. A. Zhuzin-Zinchenko, V. A. Lutskii. Avtom. i prib. no. 1:21-25 Ja-Mr '62.

Transistorized phase telemetering device with a magnetic attachment. IU. M. Gorskii, E. M. Manevich. Elek. sta. 33 no. 2:75-83 F '62.

TELEMETERING—EQUIPMENT AND SUPPLIES

Contactless pulse-frequency telemetering device using transistors [with summary in English]. S. G. Sukhotin, V. G. Uvarov, O. K. Shapovalova. Avtom. i telem. 23 no. 3:413-416 Mr '62.

TELENESHTY DISTRICT—STOCK AND STOCKBREEDING—FEEDING AND FEEDS

Pritula, IU. V. [Antibiotics in the feeding of farm animals, from the practices of the production and use of antibiotic feed supplements on collective farms in Orgeyev, Teleneshty, and Tiraspol' Districts] Antibiotiki v kormlenii zhivotnykh; iz opyta proizvodstva i primeneniia kormovykh antibiotikov v kolkhozakh Orgeevskogo, Teleneshtskogo i Tiraspol'skogo raionov. Kishinev, Gos. izd-vo "Kartia moldovenaske," 1960. 14 p. (DA)

TELEOSTEI

Some problems of systematics and philogenesis of lower Teleostei. B. M. Mednikov. Biul. MOIP, Otd. biol. 67 no. 1:155-156 Ja-F '62.

TELEPHONE

Line attachment to a VRT-59 device. L. M. Somina, V. I. Shadrin. Elek. sta. 33 no. 2:92-93 F '62.

TELEPHONE—EQUIPMENT AND SUPPLIES

Telephone apparatus with transistor amplifiers. N. V. Bespalov, I. S. Malkis. Avtom., telem. i sviaz' 6 no. 2:25-26 F '62.

TELEPHONE, AUTOMATIC

[Relay-terminal rural (VRS-20M) automatic telephone exchange with a capacity of twenty numbers, a collection of articles with a supplementary schematics folder] Sel'skaia releinaia obonechnaia ATS emkost'iu 20 nomerov (ATS VRS-20M); informatsionnyi sbornik s prilozheniem al'boma skhem. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1961. 127 p. (Tekhnika sviazi)

———— [Album of diagrams for the information collection on communications technology] Al'bom skhem k informatsionnomu sborniku po tekhnike sviazi. 1961. 23 p.

TELEPHONE LINES

"TPKSh" cables. A. M. Pogodin. Avtom., telem. i sviaz' 6 no. 2:44-45 F '62.

TELESCOPE

Determining the brightness equation for the 400 mm astrograph of the Main Astronomical Observatory of the Academy of Sciences of the Ukrainian S. S. R. B. I. Kozarenko. Soob. GAISH no. 104:42-54 '61.

Determining the optical center of the plate of the great astrograph of the Moscow Observatory. L. A. Golovina. Soob. GAISH no. 101:55-60 '61.

Using the 10 cm refractor in plotting a three-color photometric system [with summary in English]. G. N. Salukvadze. Biul. Abast. astrofiz. obser. no. 26:105-127 '61.

TELESCOPE—TESTING

Determining the temperature changes of the scale of the 380 mm astrograph of the Moscow Observatory according to measurements in Pleiades. T. I. Golikova. Soob. GAISH no. 104:61-67 '61.

TELESCOPE, RADIO

Design of the photoelectric guide for a solar radio telescope [with summary in English]. L. V. Ksanfomaliti. Biul. Abast. astrofiz. obser. no. 26:177-181 '61.

TELESCOPE, REFLECTING

A new mirror-lens objective [with summary in English]. T. S. Belorossova, N. V. Merman, M. A. Sosnina. Astron. zhur. 39 no. 2:330-334 Mr-Ap '62.

TELESCOPE, ZENITH

Considering temperature effect in determining the screw-turn value of the eyepiece micrometer of the ZT-180 zenith telescope by the method of wide scale pairs [with summary in English]. A. A. Gurshtein. Astron. zhur. 39 no. 2:345-348 Mr-Ap '62.

TELESCOPE, ZENITH—TESTING

Instrumental errors of a photographic zenith tube and their investigation [with summary in English]. V. A. Naumov. Astron. zhur. 39 no. 2:335-344 Mr-Ap '62.

TELEVISION

An art which is being born. Vl. Sappak. Vop. lit. 6 no. 1:43-66 Ja '62.

Radio Day, facts and figures. Agitator no. 8:22-23 Ap '62.

TELEVISION—EQUIPMENT AND SUPPLIES

Why do the screens go out? IA. Miletskii. Ogonek 40 no. 9:30-31 F '62.

TELEVISION—PRODUCTION AND DIRECTION

This is how it is done, feuilleton. IAn. Polishchuk. Ogonek 40 no. 9:31-32 F '62.

TELEVISION—RECEIVERS AND RECEPTION

Alekseev, K. A. [Tuning and adjustment of television receivers] Nastroika i reguliuvannia televizoriv. Kyiv, Derzh. vyd-vo tekhn. lit-ry URSR, 1961. 140 p.

Faults in the automatic gain control networks of a television receiver. L. IAnin. Radio no. 3:25-26 Mr '62.

Highly sensitive video receivers. V. Kanuper. Radio no. 3:28-30 Mr '62.

Horizontal sweep stages in "Zaria-2," "Volkhov," and "Sputnik" television receivers. A. Andreeva. Radio no. 3:27 Mr '62.

"Luch" television receiver using a 35LK2B picture tube. Radio no. 3:26 Mr '62.

Samoilov, G. P. [Maintenance of a television receiver] Ukhod za televizorom. Pod obshchei red. A. M. Kanevoi. Moskva, Gos. energ. izd-vo, 1961. 37 p. (Massovaia radiobiblioteka, no. 388)

TELEVISION—REPAIRING

Device for tuning television and radio receivers. IU. Ol'khovatov. Radio no. 3:32-35 Mr '62.

TELEVISION BROADCASTING

Window into the world. Iraklii Andronikov. Ogonek 40 no. 9:25-29 F '62.

TELEVISION IN SCIENCE

Device for automatic processing of photographic emulsions by the television-raster method. A. K. Volkov, [illegible] and others. Prib. i tekh. eksp. 7 no. 1:42-49 Ja-F '62.

TELEVISION STATIONS
(see also subdivision under Kiev)

Backstage of a telecenter. M. Kvartsev, D. Ukhtomskii. Ogonek 40 no. 9:28-29 F '62.

TELLURIDES see subdivision under Armenia

TELLURIUM

Orlov, A. G., and B. T. Melekh. [Spectrochemical analysis of chlorine, bromine, and iodine in ultrapure tellurium] Spektrokhimicheskoe opredelenie khlora, bromа iioda v elementarnom tellure. Leningrad, 1962. 10 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia Kontrol' kachestva produktsii, no. 1)

TEL'PUGOV, VIKTOR PETROVICH

"I am in a good mood" by V. P. Tel'pugov. Reviewed by B. Dubrovin. V mire knig 2 no. 2:79 Mr '62.

TEMIR-TAU (KARAGANDA PROVINCE)—CONSTRUCTION WORKERS

Parquet in a steppe. B. IAroshevskii. Sov. stroi. no. 3:36-38 '62.

TEMIR-TAU (KARAGANDA PROVINCE)—SKIN—DISEASES

Skin diseases in children in Temir-Tau. N. D. Sil'[illegible]. Zdrav. Kazakh. 21 no. 12:24-27 '61.

TEMPERATURE see subdivision under Barents Sea, Kara Sea

TEMPERATURE—MEASUREMENT

Exchange of experience. Zav. lab. 28 no. 2:[illegible] '62.

Temperature measurement at high-speed heating and cooling. V. T. Cherepin. Zav. lab. 28 no. 2:203 '62.

Use of a temperature gradient in the study of phase diagrams. R. N. Kuzmin. Zhur. neorg. khim. 7 no. 2:407-411 F '62.

TEMPERATURE—PHYSIOLOGICAL EFFECT

Correlating the duration of the periods of intrauterine and embryonic development in the sturgeons Acipenser ruthenus denstaedtii and A. stellatus. T. A. Detlaf, S. I. Zolotova. Dokl. AN SSSR 143 no. 3:745-748 Mr '62.

Destruction of gastric tissues in the starfish Asterias rubens L. as a response to changes in the environmental conditions. V. A. Sokolov, L. A. Antufeva. Trudy MMBI no. 3:55-60 '61.

Effect of overheating on changes in the content of free amino acid in blood and organs of albino rats. I. I. Pevzner, F. F. Sultanov. Izv. AN Turk. SSR, Ser. biol. nauk no. 2:48-53 '62.

Effect of some ferment poisons on the heart muscle in various temperatures [with summary in English]. I. Sabo, E. Vas, A. G. Gridneva. Biul. eksp. biol. i med. 52 no. 11:72-76 N '61.

Effect of temporary increase of the environmental temperature of the forked mutations of Drosophila melanogaster on the characters of the offspring. P. G. Svetlov, G. F. Korsakova. Dokl. AN SSSR 143 no. 1:[illegible] '62.

Effect of the ambient temperature on the dynamics of agglutinins, phagocytosis, and the blood picture in an experiment. N. A. Karavanskaia. Gig. truda i prof. zab. 5 no. 6:47-50 Je '61.

Iodine number of lipids and heat resistance of the somatic tissue of lake frogs (Rana ridibunda Pall.) living in cold and warm springs. V. P. Ushakov, M. A. Gorbunova. Dokl. AN SSSR 143 no. 2:447-449 Mr '62.

Maximum permissible air temperature under conditions of high humidity, intensive air currents, and different temperatures of surrounding walls. F. F. Medvedeva. Gig. truda i prof. zab. 4 no. 2:45-47 F '60.

TEMPERATURE REGULATORS

Device for automatic temperature control in [illegible] furnaces. M. B. Usbitskii. Stek i ker. 19 [illegible] 20 Ja '62.

Klimovitskii, M. D., and V. A. Karlik. [Brief handbook on temperature control in ferrous metallurgy] Kratkii spravochnik po teplovomu kontrolu v chernoi metallurgii. Moskva, Metallurgizdat, 1962. 376 p.

TEMPERING

Changes in the magnetic and crystal structure of alloy 2-F during tempering. L. M. Magat, M. G. Lukhinskaia, F. S. Shur. Fiz. met. i metalloved. 13 no. 2:190-198 '62.

Gas tempering of parts in ship repair. F. P. Nemik, E. S. Beliakov. Trudy LIVT no. 6:49-53 '60.

TEMPLES
(see also subdivision under Egypt)

A letter to the editor. Z. I. IAmpol'skii. Vest. drev. ist. no. 1:200-201 '62.

TENDON OF ACHILLES—SURGERY

Case of bilateral habitual dislocation of the tendons of the peroneal muscles. B.I.Bushkin. Ortop., travm.i protez. no.7 63-64 '62.

TENDON OF ACHILLES—WOUNDS AND INJURIES

Diagnosis and treatment of injuries of the Achilles tendon A.D. I.I. L.E. Lyskovets-Chernetskaia. Vest. khir. no.9.86-92 '61

TENDONS—SURGERY

Primary suture of the flexor tendons of the hand and fingers and its late results. V.M.Knishevitskii. Vest. khir. no.3:74-77 '62.

Use of vinyl chloride for reconstruction of tendon sheaths. V.A.Katonin. Vest.khir. no.3:78-80 '62.

TENDRIAKOV, VLADIMIR FEDOROVICH, 1923-

Our contemporary. L.Anninskii. V mire knig 2 no.2: 27-29 F '62.

TENOTOMY

Effect of tenotomy on the content of some trace elements in the muscles [with summary in English]. V.R Sorokva Vop. med khim 7 no.3 306-309 My-Je '61.

TENT-CATERPILLARS

Biology and economic importance of Pachyneuron solitarius Retz. L.M Orlov Les.kho 15 no.3 56-57 Mr '62

TENT-CATERPILLARS—BIOLOGICAL CONTROL

Contribution of science to agriculture. I. Safronova, V. Maliugin, A. Iglitskii V mire knig 2 no.3:14 Mr '62.

TER-TATEVOSIAN, D.

IUslin, A. G. [Ter-Tatevosian's First Symphony; an explanation] Pervaia simfoniia D. Ter-Tatevosiana; poiasnenie. Moskva, Sovetskii kompozitor, 1960. 30 p. (MIR)

TEREK DELTA—FISHES

Partially migratory fishes of the Terek Delta D. Z. Demin Vop ikht 2 no.1 90-99 '62

TEREK VALLEY—LOCUST (TREE)

Propagation of black locust in Terek-Kuma sands by seeding O.S. Krasnopol'skaia Les.khoz 15 no.3 45-48 Mr '62

TERMINAL ILEITIS see Regional ileitis

TERMITES—CONGRESSES

Termites in humid tropics; an international symposium in India. M.S. Gilarov. Ent.oboz. 40 no.3:713-716 '61

TERNOPOL—LEATHER, ARTIFICIAL

Made from artificial leather. I Rozum Ukraina no 6: 10 Mr '62

TERNOPOL PROVINCE—CORRESPONDENCE SCHOOLS AND COURSES

Correspondence institute. M Bel. Sots kul't. no 2 21 F '62.

TERNOVSKII, SERGEI DMITRIEVICH, 1896-1960

In memory of Sergei Dmitrievich Ternovskii. Vop. okh. mat. i det. 6 no 12 85-87 D '61.

TERPENES—OPTICAL PROPERTIES

Optical activity and conformation of some alicyclic terpenes. M V Vol'kenshtein, I.O Levitan Zhur strukt. khim 3 no 1.87-92 Ja-F '62.

TERRAMYCIN

Effect of terramycin on phytopathogenic bacteria. N.D Buianova Trudy Vses. inst sel'khoz. mikrobiol 17 37-50 '60

Sanitary and hygienic characteristics of terramycin production. G.A. Mitrev, R.A. Loginova, I.M. Novikova. Gig.i san. 26 no.9:85-88 S '61.

TERRESTRIAL MAGNETISM see Magnetism, Terrestrial

TESLENKO, ARKHYP IUKHYMOVYCH, 1882-1911

Folklore and the work of Arkhyp Teslenko. M.S. Hrudnyts'ka, A.T. Syz'ko. Nar. tvorch. ta etn 5 no 4 128-136 O-D '61

Stories which come from the heart. Volov. ateist no. 3: 48 Mr '62.

TESTICLE

Effect of X rays on the dog testicle. G.M. Sagatelian. Vop. radiobiol. [AN Arm SSR] 1:199-208 '60.

Testicular synthesis of creatine. A.M. Alekseeva, A.V Tkachenko. Vop. med. khim 7 no.3 324-325 My-Je '61

TESTING MACHINES

New flaw detectors. A.L. Dorofeev. Zav. lab 28 no.2:252-253 '62.

Suggestions for the adoption of flaw detection equipment in industry. L.P. Lesnichenko. Zav. lab. 28 no 2. 251-252 '62.

TESTING MACHINES—ABSTRACTS

[Precision instruments and testing equipment] Ref. zhur. Otd. vyp. 40: Prib. toch. mekh. i isp. ust. no.1 Ja-Mr '62.

TETANUS

Active-passive prevention of tetanus Significance of the antigenic properties of tetanus anatoxin [with summary in English]. L. A. Chernaia, L. G Kovtunovich. Zhur. mikrobiol., epid. i immun. 33 no 2 20-25 F '62

Case of a tetanus syndrome following A_2 influenza (winter, 1959) N M. Madzhidov, U G. Ganiev Med zhur Uzb no 5:83-84 My '60.

Experimental study of antitetanus Diaferm-3 sera additionally treated with aluminum hydroxide [with summary in English] V V. Budylina, A IU Illiutovich, M. A Torban Zhur mikrobiol., epid i immun 33 no 2 87-92 F '62

Interrelation between allergies and the level of tetanus antitoxic immunity [with summary in English] L. G. Kovtunovich, E. A. Shablovskaia. Biul. eksp. biol i med 52 no 11:85-88 N '61

Routes of penetration of the tetanus toxin into the central nervous system and some problems in the pathogenesis of experimental tetanus Report No. 3: Experiments on monkeys and dogs [with summary in English] G. N. Kryzhanovskii and others Biul eksp. biol. i med 52 no 11:35-43 N '61.

Use of antitetanus serum in treating tetanus [with summary in English] G N Kryzhanovskii and others Klin med no. 3 68-75 '62

Use of curarelike preparations in combination with endotracheal respiration in severe forms of tetanus [with summary in English] L M Popova and others Klin med no 3 75-80 '62

TETANUS ANTITOXIN

Active-passive prevention of tetanus. Significance of the antigenic properties of tetanus anatoxin [with summary in English]. L. A. Chernaia, L. G. Kovtunovich Zhur mikrobiol., epid. i immun 33 no 2 20-25 F '62

Comparative study of the sensitizing properties of purified sorbed as well as of natural tetanus anatoxins [with summary in English] L G Kovtunovich, E. A Shablovskaia Zhur. mikrobiol., epid i immun. 33 no. 2 14-19 F '62

Experimental observations on group associated immunization with anatoxin aerosols (tetanus and staphylococcal) [with summary in English]. I. F. Titarenko Zhur. mikrobiol., epid. i immun 33 no 2:8-14 F '62

Use of antitetanus serum in treating tetanus [with summary in English] G N Kryzhanovskii and others Klin med. no 3 68-75 '62

TETANY

Clinical aspects and treatment of gastric tetany. A A Nikishenko. Vrach. delo no. 2:35-37 F '62.

TETRACYCLINE

Comparative study of the distribution of combined "antibiolymphin" (streptomycin, neomycin) preparations and tetracycline in the bodies of experimental animals after their parenteral administration [with summary in English]. B. Lukáš and others. Antibiotiki 7 no 3:75-79 Mr '62.

Effect of antibiotics of the tetracycline group on the catalase activity of the liver [with summary in English]. R. P. Porfir'eva Biul. eksp biol i med. 52 no. 11:54-57 N '61.

Effect of tetracycline on general motor and food activity of animals during the development of experimental focal infection [with summary in English]. A. M. Chernukh, N. A. IUshchenko. Antibiotiki 7 no. 4:349-352 Ap '62.

Fractional composition of serum proteins in guinea pigs infected with Cl. perfringens and treated with ekmonovocillin-1 or tetracycline [with summary in English]. IU. S. Tatarinov, IU. D. Chirkin. Antibiotiki 7 no. 4: 335-339 Ap '62.

Minimizing the irritating action of tetracyclines on the gastrointestinal tract by means of novocaine [with summary in English]. T. L. Savel'eva, V. A. Lenartovich. Antibiotiki 6 no 11:998-1003 N '61

Treatment of acute and suppurative inflammations of the female pelvis minor with tetracycline hydrochloride [with summary in English]. IU. A. Lapin, L. G. Zhirova, A. IA. Veselov. Antibiotiki 7 no. 4:362-366 Ap '62.

Treatment of brucellosis by intramuscular administration of tetracycline [with summary in English]. V. R. Sobolev, IU. F. Shcherbak. Antibiotiki 7 no 3 79-83 Mr '62.

TETRALOGY OF FALLOT

Characteristics of the histostructure of the cardiac vessels in dextrad division of the bulbus cordis (tetralogy of Fallot) [with summary in English]. N. V. Arkhangel'skaia. Grud. khir. 2 no. 1:53-60 Ja-F '60.

TETRAZOLOBENZOTHIAZOLE

Parallelism in the photographic action of benzothiazolotetrazole derivatives and their absorption on the surface of emulsion microcrystals. B. M. Ivanov. Zhur. nauch i prikl. fot. i kin. 7 no 1:64-66 Ja-F '62.

TETRIDINE—PHYSIOLOGICAL EFFECT

Hyperkinesis of central origin caused by tetridine and its inhibition with choline-sensitizing substances [with summary in English]. N. V. Uskova. Biul. eksp. biol. i med. 52 no. 7:73-75 Jl '61.

TEVOSIAN, IVAN FEDOROVICH, 1902-

Outstanding worker in Soviet Metallurgy. Metallurg 7 no. 2:5 F '62.

TEXTBOOKS

Regulations of the open contest on textbooks for general technical schools with industrial training. Fiz. v shkole 22 no 1 105-106 Ja-F '62

Rules for the open contest Rus. iaz. v shkole 23 no 2: 118-119 Mr-Ap '62

TEXTBOOKS—COMPETITIONS

Regulations of the open contest on textbooks for general technical schools with production training Mat. v shkole no 2 61-62 Mr-Ap '62

TEXTILE FABRICS

(see also subdivision under Moscow)

Assortments of woolen fabrics. L. G. Leites, N. P. Antipova, L. G. Natarova Tekst prom 22 no 3 5-7 Mr '62.

Fabrics made of blended cotton and synthetic fibers T. A. Ivanova, S. P. Poznianskaia Tekst prom 22 no 3,18-19 Mr '62

Manufacture of fabrics from a blend of cotton and synthetic fibers. V. D. Shatalov Tekst prom 22 no 8, 26-28 Mr '62

Method of design and calculation of loom-state fabrics V. A Vorob'ev Tekst prom 22 no 3,59-62 Mr '62

New silk fabrics for men's shirts. S. S. Blushgens, I. A. Dimitrieva Tekst prom 22 no 3 7-9 Mr '62

Orders for textile fabrics. G. Sukhil Sov. torg 35 no. 3 15-18 Mr '62

A wider assortment, a better quality of linen fabrics I. I. Lukovskaia. Tekst prom 22 no 3:10-13 Mr '62

TEXTILE FABRICS—BIBLIOGRAPHY see Bibliography—Textile fabrics

TEXTILE FABRICS—DRYING

Drying of fabrics in a pseudofluidized bed of inert grained material. V.D Gvozdev Izv.vys.ucheb. zav., tekh tekst.prom no.1 121-126 '62.

Drying of fabrics under longitudinal blowing by the drying agent at high velocities. P I Khrantlov, N M Ragozina, F K Smirnova. Izv vys.ucheb.zav., tekh.tekst. prom no.1 131-138 '62

TEXTILE FABRICS—TESTING

Automatically controlled inspection machine M. G. Kachurin Tekst. prom 22 no. 3:82-83 Mr '62

Developing more accurate methods for testing fabrics for strength R V. Laseneva Tekst. prom 22 no 3, 85-87 Mr '62.

TEXTILE FACTORIES

Purifying the waste water of textile enterprises. E.S. Razumovskii. Sbor. nauch. rab. AKKH no.6:88-104 '61.

TEXTILE FACTORIES—AIR CONDITIONING

Automatically controlled system for round-the-year air conditioning. M. M Khasanov Tekst prom. 22 no 2 67-73 F '62

TEXTILE FIBERS, SYNTHETIC

New silk fabrics for men's shirts. S. S. Blushgens, I. A. Dimitrieva Tekst prom 22 no 3:7-9 Mr '62

Noise abatement in shops producing synthetic fibers. V. N Miakshin. Prom. stroi 40 no 3:26-28 '62

Our experience in the processing of lavsan fiber. B. E. Golovastikov. Tekst prom 22 no 3:20-23 Mr '62

Performance characteristics of drying systems for stables. A.D Kudriavtseva. Izv.vys ucheb.zav., tekh.tekst.prom. no.1:130-142 '62.

Practice work in studying chemical fibers. T.G.Miasoedova. Khim.v shkole 17 no.2:50-54 Mr-Ap '62.

Pressure dyeing of lavsan. V. I. Kaplan, V. V. Brazauskas, M. A. Cineliene Tekst. prom. 22 no 3,69-71 Mr '62.

Processing of lavsan fibers in combing. V. I Kuznetov, T. M. Nikol'skaia Tekst prom. 22 no 3:23-25 Mr '62.

Rope stapling of synthetic filament fibers on the "Pacific Converter" machine V. E. Slyvakov. Tekst prom. 22 no 2:21-26 F '62

Smyrnov, L. S., and V. M. Kersek. [New goods from synthetic fibers] Novi vyroby z khimichnykh volokon. Kyiv, Derzh. vyd-vo tekhn. lit-ry URSR, 1961. 17 p.

TEXTILE FINISHING

Low-shrinkage finishing of rainwear fabrics. M. I. Strakhov Tekst prom 22 no. 2:52-53 F '62.

Manufacture of fabrics from a blend of cotton and synthetic fibers. V. D Shatalov. Tekst. prom 22 no. 3: 26-28 Mr '62

New "carbozoline" softeners I. P. Kniaginina and others. Tekst. prom 22 no 3:68-69 Mr '62.

Practice in the application of the new form of recording the movement of the fabric through finishing processes V. A. Chekmarev, S. F. Faer Tekst. prom 22 no 2 11-12 F '62

TEXTILE INDUSTRY

(see also subdivision under Cheboksary, China; Shanghai; Tashkent, Tiflis; Yegor'yevsk)

All-Union interuniversity scientific and technical conference on the synthesis and application of dyes. P.V. Moryganov. Izv.vys.ucheb.zav., tekh.tekst.prom. no.1 171-173 '62.

TEXTILE INDUSTRY (Continued)

Brief notes on new developments in foreign technology Tekst prom 22 no 2:83-86 F '62

Brief notes on new developments in foreign technology Tekst prom 22 no 3:88-89 Mr '62

Follow-up of published articles. Tekst prom 22 no 3: 94-96 Mr '62

For a further improvement of the assortment and quality of fabrics A. S. Bogaeva. Tekst prom 22 no 3,1-4 Mr '62

Modern artistic finishing of textile fabrics A. K. Nedachin, S. E. Pestel'. Tekst prom 22 no 3:28-30 Mr '62

On the road of technological progress. IU. D. Masenko Tekst prom 22 no 2:1-3 F '62

TEXTILE INDUSTRY—BIBLIOGRAPHY see Bibliography—Textile industry

TEXTILE INDUSTRY—FINANCE

Meerovich, G. M. [Analysis of the financial operations of a textile enterprise] Analiz finansovoi deiatel'nosti predpriiatiia tekstil'noi promyshlennosti. Pod red. M. A. Biruna. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1961. 90 p.

TEXTILE INDUSTRY—HYGIENIC ASPECTS see subdivision under Lithuania

TEXTILE INDUSTRY—LABOR PRODUCTIVITY see subdivision under Moscow

TEXTILE INDUSTRY—TECHNOLOGICAL INNOVATIONS

After the report meeting. IA. Sukhorukov. Sov. profsoiuzy 18 no. 7:30-31 Ap '62.

"Methods for calculating savings due to the introduction of inventions and innovations in the textile industry" by P. I. Girshin. Reviewed by G. Ozhimkov. Izobr i rats. no. 2 33 F '62.

TEXTILE MACHINERY

Automatic machine for manufacturing woven resistor tapes O. E. Sofiyestrov Biul. tekh.-ekon. inform no. 2 53-54 '62

Consultation Tekst prom 22 no 2,95 F '62.

Consultation Tekst prom 22 no 3 93 Mr '62.

Paths and entry and exit angles of the wiring in the napping of fabrics. N. S. Makhova. Izv. vys. ucheb. zav., tekh. tekst. prom. no. 1 158-166 '62.

Possibility of increasing the size of bobbins in the rewinding and warping of cotton yarn. S. G. Goritskii. Izv. vys. ucheb. zav.; tekh. tekst. prom. no. 1 89-97 '62

Systems for the automation of production lines. IA. I. Grushevskii. Tekst. prom. 22 no 2,6-8 F '62

The UP-1 universal tying-in machine. A. P. Filimonov. Biul. tekh.-ekon. inform no 2:51-53 '62

TEXTILE MACHINERY—CLEANING

Type P-5 lint blower. F. I. Raag. Tekst. prom 22 no 3:56-59 Mr '62

TEXTILE MACHINERY—MAINTENANCE AND REPAIR

Discussion on the "Handbook on maintenance and repair of textile equipment" by S. I. Belen'kii. Tekst prom 22 no. 2,87-88 F '62

TEXTILE RESEARCH see subdivision under France

TEXTILE WORKERS see subdivision under Kherson, Moscow

THAILAND—CHINESE

Policy of the Thailand Government toward the Chinese minority V. I. Iakol'deskii. Krat. soob. Inst. nar. Az. no. 52:17-30 '62.

THALLIUM

im system
T. L. Miul-
l '62
f metallic
A. Rat'kov-
r '62

on an
eva, TS.
.

rmanium
nst. min.,
137 '61.

D and
e extrac-
neorg. khim

alloys

suri

THEATER

(see also subdivision under: Benares; Bucharest, Budapest; Buenos Aires; Bulgaria, Caracas; France, Germany, East; Great Britain, Havana, Italy, Kherson, Leningrad, Lvov Province, Montevideo, Moscow, New York (City); Oslo, Peiping, Poland, Prague, Santiago, Sweden, Tokyo; Ulan Bator, Uzbekistan)

Buchelis, T. I. [The theater abroad] Teatr za rubezhom. Moskva, Izd-vo "Znanie," 1961. 38 p. (Narodnyi universitet kul'tury. Fakul'tet literatury i iskusstva, no. 28)

Forty years ago on October 27, 1921. Teatr 23 no. 3: 71-75 Mr '62

In the Institute of the History of Art Teatr 23 no. 3 32 Mr '62

Ten years ago on October 27, 1951. Teatr 23 no 3:70 Mr '62.

The theater abroad. Teatr 23 no. 3 80-93 Mr '62.

Thirty years ago on October 27, 1931. Teatr 23 no. 3: 75-77 Mr '62

Forty years on the way. V. Popov. Sov. voin 11 no. 7 16 Ap '62.

Twenty years ago on October 27, 1941 Teatr 23 no. 3: 77-79 Mr '62.

THEATER—ANECDOTES, FACETIAE, SATIRE, ETC

Artists publish a newspaper. An. Filatov Teatr 23 no. 3,28 Mr '62.

THEATER—MUSEUMS AND COLLECTIONS see subdivision under Moscow

THEATER—PRODUCTION AND DIRECTION

(see also subdivision under Moscow)

"The performance and the stage-director" by A. D. Popov. Reviewed by N. K. Teatr 23 no. 3:70 Mr '62.

THEATER—SOCIETIES, ETC.

No 16 Gorkiy Street. IU. Smelkov. Teatr 23 no. 3:16-20 Mr '62

THEATER PROGRAMS

Fridmanis, J. [My work practices in composing invitations, theater programs and playbills] Mana pieredze ielugumu, programmu un afišu salikuma veidošana. Riga, Latvijas Valsts izdevniecība, 1961. 198 p. [In Latvian]

THEATERS see subdivision under Moscow

THEODOLITES

Investigating the limb deformation in precision theodolites I. M. Konopal'tsev Izv. vys. ucheb. zav., geod. i aerof. no. 6 33-37 '61

Study of the TTZ-G1 theodolite. V. V. Zelenkov, M. P. Shmatkova, E. P. Mastitskii. Sbor. nauch. trud. Kaz. GMI no. 19 109-112 '60.

THEOLOGY—BIBLIOGRAPHY see Bibliography—Theology

THEORY OF ERRORS see Errors, Theory of

THERAPEUTICS—CONGRESSES

Twelfth session of the Therapeutical Institute of the Academy of Medical Sciences of the U. S. S. R. G. E. Perchikova Kardiologiia 1 no 3 80-92 My-Je '61.

THERAPEUTICS, SURGICAL

Lidskii, A. T., ed. [Differential diagnosis of the principal surgical diseases in tabular form] *Differentsial'naia diagnostika vazhneishikh khirurgicheskikh zabolevanii v tabliitsakh.* Moskva, Medgiz, 1961. 271 p. (Biblioteka praktichesk ogo vracha)
(DNLM)

THERMAL ANALYSIS

Differential thermal analysis of the heat stability of polyorganosiloxanes and polymetalloorganic siloxanes. K. A. Andrianov, I. F. Manucharova Izv. AN SSSR. Otd. khim. nauk no. 3:420-424 Mr '62.

Thermographic study of isomeric ammonium luteophosphotungstates and β-luteophosphotungstic acid. E. A. Nikitina, N. A. TSvetkov. Zhur. neorg. khim. 7 no. 2: 325-332 F '62

THERMAL DIFFUSIVITY

Method for the rapid determination of the coefficients of thermal diffusivity and heat conductivity of nonconducting materials [with summary in English] V. I. Smekalin. Inzh.-fiz. zhur. 5 no 1:99-101 Ja '62.

THERMAL STRESSES

Moscow. Inzhenerno-fizicheskii institut. [Strength and deformations in nonhomogeneous thermal fields] Prochnost' i deformatsiia v neravnomernykh temperaturnykh polakh; sbornik nauchnykh rabot *pod red.* IA. B. Fridmana. Moskva, Gosatomizdat, 1962. 264 p.

Thermoelasticity problem for a plate [with summary in English]. V. I. Makhovikov. Inzh.-fiz. zhur. 5 no. 3:95-102 Mr '62.

THERMIONIC EMISSION

Some results of measurements of the diffusion parameters of organic liquids using the pulse method. L. N. IUrova and others. Atom. energ. 12 no. 4.331-332 Ap '62.

THERMOCHEMISTRY

Laboratory apparatus for the automatic gravimetric control of thermal processes. V. V. Pokin, V. I. Smirnov Zav. lab. 28 no. 2 240-242 '62

THERMOCOUPLES

Automatic control of liquid cast iron temperature measurements. M. D. Lifshits. Lit. proizv. no. 1 41-42 Mr '62

Carborundum tips with nitride bonding for immersion thermocouples K. S. Kutateladze, I. N. Zelgmeister, R. A. Pirumova Stal' 22 no. 3 237 Mr '62

Temperature measurement at high-speed heating and cooling. V. T. Cherepin Zav. lab. 28 no. 2 204 '62

THERMODYNAMICS

Determination of thermophysical coefficients by methods involving regular operating conditions of the third kind [with summary in English] P. M. Ryzhkin. Inzh.-fiz. zhur. 5 no. 1 59-63 Ja '62

Intensification of convective heat and mass exchange in pipes using a swirling two-phase flow. B. Z. Shchukin. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no. 1 101-110 Ja-F '62

Science of fire and cold. I. I. Novikov, S. S. Kutateladze, A. I. Leont'ev Nauka i zhizn' 29 no. 1 98-99 Ja '62

THERMODYNAMICS—STUDY AND TEACHING

Studying the conditions for the work of heat engines. N. N. TSvetkova Fiz. v shkole 22 no. 1:31-36 Ja-F '62.

THERMOELECTRIC APPARATUS AND APPLIANCES

High-sensitivity thermoelectric instruments. [V. V. Solonenkov] Biul. tekh.-ekon. inform. no. 2,20-21 '62

THERMOELECTRICITY

Measurement of thermoelectromotive force and temperature resistance in the temperature range from 20 to [illegible]. I. V. Kolomoets. Zav. lab. 28 no. 2 [illegible]

Thermoelectromotive force of alloys. I. R. [illegible] Fiz. met. i metalloved. 13 no. 2:173-179 '62

THERMOMETERS—TESTING

Estimating the quality of deep-sea thermometers. [V. I. Bobrov, L. A. Mustakov. Meteor. i gidrol. no. 4 44-49 Mr '62.

THERMOPLASTICS

Kulkov, V. V. [Mechanical processing of thermoplastics; verbatim report of a lecture] Mekhanicheskaia obrabotka termoreaktivnykh plastichesk ikh mass; stenogramma lektsii. Leningrad, 1962. 22 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy *Serila: Mekhanicheskaia obrabotka materialov*)

THIADIAZINE

Hypothiazide as a diuretic and hypotensive agent. I. P. Pollantseva, A. I. Mozai Sov. med. 25 no. [illegible] F '62.

Observations on the diuretic effect of hypothiazide. V. A. Sribner Vrach. delo no. 3:118-119 Ap '61

Use of hypothiazide in the compound treatment of hypertension. G. Z. Iakhyaevhanetova, G. V. Kiknadze, [illegible] med. zhur. no. 1:31-34 Ja-F '62.

THIADIAZOLE SULFONAMIDE

Diuretic action of novurit and diacarb in insufficiency. U. B. Sharapov. Kardiologiia 1 no. [illegible] 72-80 My-Je '61

THIAMINE

Cholesterol metabolism, acetylation, and thiamine [abstract in summary in English]. IU. M. Ostrovskii Biul. eksp. biol. i med. 52 no. 7,62-64 Jl '61.

Effect of X-ray irradiation on the metabolism of thiamine (vitamin B_1) in the body [with summary in English] M. M. Kubarova Vop. pit. 21 no. 2:76-80 Mr-Ap '62

Increasing the radioresistance of nerve tissue by thiamine preparations combined with narcotics. P. E. Mirzoev, P. Moshchinskii, E. P. Skorobogatova Dokl. AN SSSR 143 no. 4:976-978 Ap '62.

Gastric secretory function in the treatment of peptic ulcer and chronic gastritis with Vitamin B_1 and nicotinic acid. V. I. Chernov, IA. I. Tomashevskii. Vrach. delo no. [illegible] 138-139 Ag '61.

THIAZOLE

Improved method for producing acetylamino-thiazole. B. G. IAsnitskii, E. B. Dol'berg, G. I. Kovalenko Med. prom. 15 no. 6:42-43 Je '61.

Thiazolocyanines. Part 9: Synthesis of thiazolocyanines from thiazole derivatives with heterocyclic residues as substituents. E. D. Sych, E. D. Smaznaia-Il'ina. Zh. ob. khim. 32 no. 3 984-990 Mr '62.

THIAZOLIDINEDIONE—SPECTRA

Synthesis of thiazolidone derivatives of biological interest. Part 17: Ultraviolet spectra of 2,4-thiazolidinedione-2-hydrazone. N. M. Turkevich, A. I. Pas-lenko, Zhur. ob. khim. 32 no. 3:977-979 Mr '62

THIAZOLOCARBOCYANINE

Thiazolocyanines. Part 8: Synthesis of thiazolocarbocyanines from thiazole derivatives with heterocyclic residues as substituents. E. D. Sych, E. D. Smaznaia-Il'ina. Zh. ob. khim. 32 no. 3:984-990 Mr '62.

THICKNESS MEASUREMENT
Device for measuring the thickness of thin layers of a viscous liquid I IA Zhivotkin, I I Stavnitser Zav lab 28 no 7 931-936 '62

THIOCARBONATES
Interaction of 3-aminopropene-1, 2-thiocarbonate with ammonia and amines V. S Ilin, G. A Razuvaev Dokl AN SSSR 143 no 3 633-635 Mr '62

THIOCYANATES
Complex formation in the system trivalent ferric ion - nitron - thiocyanate. Part 1 Isolation and study of the extractibility of nitron - thiocyanate complex of iron by means of dichlorethane. A S Babenko, V N. Tolmachev Ukr khim. zhur 28 no. 2 149-155 '62
Complex formation in the system titanium (IV) - diantipyrylmethane - thiocyanate. A. K Babko, M M Tananaiko Zhur neorg khim 7 no 3 562-570 Mr '62
Equilibrium in the system titanium (IV) - diantipyrylmethane - thiocyanate - ethanol. A K Babko, M. M Tananaiko. Zhur neorg khim 7 no 3 571-575 Mr '62
Hydration of sulfocyanides in the presence of hydrogen chloride. M. N. Zil'berman, A IA Lazaris, M. A. Chernyshova. Zhur. VKHO 7 no 1.109-110 '62.
Infrared absorption spectra of rhodanide complexes of zirconium. IU. IA. Kharitonov, I A Rozanov Izv AN SSSR, Otd khim nauk no 3.402-407 Mr '62

THIOLS
Some sulfhydryl compounds of trivalent iron I. A. Kakovskii, E. A. Vershinin, A. N Grebnev. Dokl. AN SSSR 143 no. 3;649-652 Mr '62
Synthesis and conversions of substituted vinyl ethers. Part 12 Vinylation of alkyl thiols by tert-butylacetylene M. F. Shostakovskii and others. Zhur ob. khim 32 no. 3;709-714 Mr '62

THIONALIDE
Interaction of sodium chloroplatinate with thionalide N K Pshenitsyn, I V Prokof'eva Zhur neorg khim 7 no 2 258-260 F '62

THIONYL CHLORIDE
Synthesis and transformations of unsaturated organosilicon compounds Report No 3. Interaction of tertiary γ-silicon-acetylenic alcohols with concentrated hydrochloric acid and thionyl chloride. M F Shostakovskii and others Izv. AN SSSR Otd khim nauk no 3 510-512 Mr '62

THIOPHENE
Poisoning of nickel catalysts with thiophene. G. D. Liubarskii, I B Avdeeva, N V Kul'kova Kin. i kat 3 no 1 123-132 '62.

THIO-TEPA
Latvijas Padomju Sotsialistiskas Republikas Zinatnu Akademija. Organiskas sintezes institūts. [Thio-TEPA] TioTEPA. Rīga, Izd-vo Akad. nauk Latviiskoi SSR, 1961. 180 p.

THIRST
Influence of sham feeding on the drinking behavior of esophagectomized dogs [with summary in English] V. B. Smirnova Biul eksp. biol i med. 52 no 7-28-32 Jl '61.

THIRTY YEARS' WAR, 1618-1648
New interpretation of Wallenstein's policy in the cities of northern Germany. A. S. Ivan, B. F. Porshnev. Vop. ist. no 4.186-189 Ap '62.

THLADIANTHA see subdivision under Tashkent

THORIUM
(see also subdivision under Kazakhstan, Tien Shan)
Angular anisotropy and energy distribution of Th^{232} fission fragments [with summary in English]. B. D. Kuz'minov, L. S. Kutsaova, I. I. Bondarenko. Zhur. eksp. i teor. fiz. 42 no. 1;105-107 Ja '62.
Behavior of metallic thorium and some of its compounds in various media G. B. Bokova Gig. truda i prof. zab 1 no 1.49-50 Ja '60.

THORIUM—ANALYSIS
Photometric determination of thorium with 4-(2-pyridylazo)-resorcinol. A. I. Busev, V. M. Ivanov. Izv. vys. ucheb. zav. khim. i khim tekh 4 no. 6;914-922 '61.

THORIUM FLUORIDE
Determining the solubility product for thorium tetrafluoride. N. S. Nikolaev, IU. A Luk'ianychev. Atom. energ 12 no. 4;331-336 Ap '62.

THORN TREE see Hawthorn

THOUGHT AND THINKING
Educational influence of mathematics lessons A. IA. Khinchin Mat. pros. no. 6.7-28 '61.
Experimental procedure for the development of thought activity based on the indication of progressively increasing generalization N. V. Grodskaia Dokl APN S no. 6.69-72 '61.
Principle of "parallelism in form and content of thinking" and its significance for traditional logical and psychological research. Report No. 3. Basic contradiction in the method of formal logic. G. P. Shchedrovitskii, V. A. Kostelovskii. Dokl. APN S no. 4;95-100 '61.

THREE BODIES, PROBLEM OF see Problem of three bodies

THROAT—DISEASES
Amitin, V. I. [Catarrh of the throat (pharynx and larynx)] Katar'y gorla (glotki i gortani). Moskva, Medgiz, 1961. 26 p (Nauchno-popullarnaia meditsinskaia literatura)
(DNLM)
"Angina" by A V Korchagin Reviewed by V N Shchekin Med sestra 21 no 2 62-63 F '62

THROMBOSIS
Acute thrombophlebitis of the lower extremities and its treatment. M. I. Levin Med sestra 20 no 12.6-10 D '61
Calcified thrombus of the superior vena cava. Arkh. pat. no 3 74-76 '62.
Thrombo-embolic lesions of the brain and internal organs IA. IA. Gordon, Sh. Sh Shamansurov. Med. zhur Uzb no. 5 7-11 My '60
X-ray study of the heart and vessels of the lesser circulation in thrombosis of the left atrium I. Kh Rabkin, G M Solov'ev, E A. Grigorian Terap. arkh 34 no 2 25-30 '62.

THRUSHES
Isolation of a tick-borne encephalitis virus from Oriocichla dauma L. L. G. Tatarinova. Vop. virus. 7 no 1 110 Ja-F '62.

THYMUS GLAND—SURGERY
Surgical treatment of myasthenia (thymectomy) [with summary in English] A. S. Chechulin, V S. Lobzin, L. V. Dogel'. Grud. khir 3 no. 3;92-99 My-Je '60

THYMUS GLAND—TUMORS
X-ray diagnosis of tumors of the thymus gland [with summary in English]. L. S. Rozenshtraukh. Vest. rent. i rad 37 no. 1.33-39 Ja-F '62.

THYROID GLAND
Correlation between erythrocyte and blood plasma radioactivity as an index of the functional state of the thyroid gland [with summary in English]. E. D. Chebotareva. Med. rad. no. 3 6-8 '62
Dynamics of radioactive iodine (I131) absorption by the thyroid gland in multiple sclerosis [with summary in French]. S. B Savenko, I N Tauber Zhur nevr i psikh 61 no 8 1146-1149 '61
Effect of overstraining the process of differential inhibition on the microstructure of the thyroid gland in white rats [with summary in English]. N. E. Kovaleva. Biul. eksp. biol. i med. 53 no 2 67-72 F '62.
Effect of 6-methylthiouracil on the thyroid gland in vitamin A shortage of excess [with summary in English]. N. B. Lutsiuk Vrach delo no. 8.45-49 Ag '61.
Function of the thyroid gland in cardiovascular diseases. G. A. Kazarian. Vop radiobiol [AN Arm. SSR] 1: 229-240 '60.
Functional state of the thyroid gland in silicosis. G. Kh Lazidi, T. L Gubenko. Gig. truda i prof zab 4 no. 12 42-43 D '60.
Significance of the "saliva test" for determining thyroid function in thyrotoxicosis V. G. Spasivtseva, A. I Frolova, A. IA. Peregudov. Terap. arkh. 34 no. 3.67-73 '62.
Study of the functional activity of the thyroid gland in lesions of the nervous system of occupational etiology [with summary in English]. M. N Ryzhkova, M. I. Smirnova Gig truda i prof zab 5 no 6 34-39 Je '61
Studying the functional state of the thyroid gland in workers of superphosphate and sulfuric acid industries using I^{131} absorption as an indicator. R. D. Gabovich, V. I Bukhovets, N. V. Verzhikovskaia Gig. truda i prof. zab. 4 no. 2;26-30 F '60

THYROID GLAND—CANCER
Treatment of malignant neoplasms of the thyroid gland with radioactive iodine [with summary in English] L. L. Likhovetskaia, L. I. Lushina. Vest. rent. i rad. 37 no. 1: 43-47 Ja-F '62.

THYROID GLAND—DISEASES
Dynamic clinical ballistocardiographic studies in thyrotoxicosis and endemic hyperthyroid goiter in connection with surgical and conservative treatment [with summary in English]. E. N. Dormidontov. Terap. arkh. 34 no. 3;60-67 '62.
Hashimoto's thyroiditis. R. V. Sliafeeva. Vrach. delo no. 8;54-59 Ag '61.
Late results of liver function tests in thyrotoxicosis treated with radioactive iodine. N. Kh. Khamidov. Terap. arkh. 34 no. 2;72-76 '62.

THYRONINE
Synthesis of L-3, 5, 3'-triiodothyronine. L. M. Morozovskaia, L. I. Ershova, N. N. Suvorov. Med. prom. 15 no. 1;10-16 Ja '62.

THYROTOXICOSIS
Fridberg, D. I. [Neurological analysis of thyrotoxicosis] Nevrologicheskii analiz tireotoksikoza. Moskva, Medgiz, 1961. 286 p.
(DNLM)

TIAPKINA, ANNA IVANOVNA
Anna Ivanovna Tiapkina By F O Aizenshtein Med sestra 21 no 3 56 Mr '62

TIBESTI MASSIF
Painted "moon landscape" Nauka i zhyttia 11 no 2 31 F '62

TIBET—HISTORY
Bogoslovskii, V. A. [Outline history of the Tibetan people, the formation of a class society] Ocherk istorii tibetskogo naroda, stanovlenie klassovogo obshchestva Otvet. red. IU. N. Rerikh. Moskva, Izd-vo vostochnoi lit-ry, 1962. 192 p.
Leningrad. Universitet. [The Tibetan chronicle "Bright annals of royal lineage." Translated from the Tibetan] Tibetskaia letopis' "Svetloe zertsalo tsarskikh rodoslovnykh." Vstup. stat'ia, perevod i kommentarii B. I Kuznetsova. [Leningrad] 1961 122 p.

TIBET—NOMADS
Nomadic tribes of Tibet IU N Rerikh. Strany i nar. Vost. no. 2 7-12 '61.

TIBIA—FRACTURE
Two cases of intraosseous fixation in open fractures of the bones of the shin. D. L. Muratov. Vest. khir. no. 3: 133-134 '62

TICKS
(see also subdivision under Surkhan-Darya Province; Turkmenistan)
Karyological foundation of the systematic subdivision of the ticks belonging to the genus Argas Latr (Ixodoidea, Argasidae) of the "Reflexus" group [with summary in English]. IU L Goroshchenko. Zool. zhur 41 no 3. 358-363 Mr '62.
Materials on ticks belonging to the subfamily Argasinae Report No. 1. Adult ticks and larvae of the genus Argas Latr of the "Reflexus" group [with summary in English] N. A. Filippova. Zool. zhur 40 no 12 1815-1826 D '61
Porous connective tissue of Ixodes ticks [with summary in English]. V. A. TSvileneva Arkh. anat. gis. i embr. 11 no. 12 79-88 D '61.

TICKS AS CARRIERS OF DISEASE
Activity of the properdin system in tick-borne encephalitis [with summary in French] A. P Ierusalimskii, I. L. Chertkov Zhur nevr i psikh 62 no 3.341-346 '62
Case of laboratory infection in man with the virus of tick-borne encephalitis [with summary in French]. E. M. Vizen, A. N Kniazev. Zhur nevr i psikh 62 no 3. 333-338 '62
Current status of the problem of tick-borne encephalitis and urgent problems in its study A. G. Panov. Zhur nevr i psikh. 62 no 3 321-322 '62
Cytopathogenic action of the tick-borne encephalitis virus on human and animal tissue culture cells [with summary in English]. A. V. Dubov. Vop. virus 7 no. 1.39-43 Ja-F '62.
Data for the study of protein metabolism in Far Eastern vernal tick-borne encephalitis [with summary in French]. N. I. Makarevich. Zhur nevr i psikh. 62 no 3.339-343 '62
Hemagglutinins of Japanese and tick-borne encephalitis in sheep embryo kidney culture [with summary in English]. S. IA. Gaidamovich, S. M. Tuang, N. G. Titova. Vop. virus. 7 no. 1.43-49 Ja-F '62
Inactivation of the tick-borne encephalitis virus by the photodynamic action of methylene blue [with summary in English]. M. I. Blinova. Vop. virus. 7 no. 1 59-62 Ja-F '62.
Interaction between the tick-borne encephalitis virus and susceptible cells in vitro. Report No. 4. Phases of virus development in single-layer cultures [with summary in English]. O. G. Andzhaparidze, N. N. Bogomolova. Vop virus. 7 no. 1.35-39 Ja-F '62.
Isolation of a tick-borne encephalitis virus from Oriocichla dauma L. L. G. Tatarinova. Vop. virus. 7 no. 1: 110 Ja-F '62.
Multiplication of the virus of tick-borne encephalitis in a culture of chicken embryo fibroblasts and its release from the cells [with summary in English]. N. G. Titova. Vop. virus. 7 no 1.50-55 Ja-F '62.
"Tick-borne encephalitis (encephalomyelitis)" by A. N. Shapoval Reviewed by D. Kulmov and A. Ierusalimskii. Zhur. nevr i psikh 62 no 3.486-488 '62

TIDAL POWER
Some oceanographic calculations in the design of tidal electric power stations A. A. Dmitrieva, V. M. Alkhshuler. Uch zap. LGU no 309.3-54 '61.

TIDES
Internal tidal waves in a multilayered sea; numerical solution of the problem. V. R. Fuks Uch. zap. LGU no. 309;92-96 '61.

TIEN SHAN—ANTIMONY
Geology of the Zeravshan-Gissar antimony-mercury belt. P. D. Vinogradov. Inform. sbor. VSEGEI no. 46;17-35 '61.

TIEN SHAN—GEOLOGY
Correlation of the Upper Paleozoic geological development of the Kurama and southern Gissar zones (southern Tien Shan). A. T. Tarasenko. Inform. sbor VSEGEI no. 46;3-16 '61.

TIEN SHAN—GEOLOGY, STRATIGRAPHIC

Letter to the editor M. N Gramm. Trudy Kom chetv per no. 26 173-175 '61

Upper Paleozoic volcanic formation and overlying sediments in the Naryn trough (Tien Shan) E. I Zubtsov, E. I Zubtsova. Inform. sbor VsEGEI no 46,51-57 '61

TIEN SHAN—MERCURY

Geology of the Zeravshan-Gissar antimony-mercury belt P. D. Vinogradov. Inform. sbor VSEGEI no 46:17-35 '61

TIEN SHAN—PHOSPHORUS

Phosphorus in granitoids of the central Tien-Shan [with summary in Russian]. A. B Vistelius Geokhimiia no 2 116-133 '62.

TIEN SHAN—ROCKS, IGNEOUS

Isolation of Middle Paleozoic intrusions in the northern Tien Shan. S. A. Leskov Inform sbor VSEGEI no 46, 103-107 '61

TIEN SHAN—RUNOFF

Analysis and forecasting of seasonal runoff for rivers flowing from the mountain ranges of the western Tien Shan P. S. Mashukov, V. V Tikunova Trud. Sred - Az nauch -issl gidrometeor. inst no 7 32-76 '61.

TIEN SHAN—THORIUM

Behavior of uranium and thorium in the intrusive complex of increased alkalinity as revealed by the Kzyl-Ompul Massif in the northern Tien-Shan [with summary in English] L. L. Leonova, R. D Gavrilin, V. V. Bagreev Geokhimiia no 12:1053-1058 '61

TIEN SHAN—URANIUM

Behavior of uranium and thorium in the intrusive complex of increased alkalinity as revealed by the Kzyl-Ompul Massif in the northern Tien-Shan [with summary in English] L. L. Leonova, R. D Gavrilin, V. V. Bagreev Geokhimiia no 12:1053-1058 '61

TIEN SHAN—WEEDS

Basic distribution pattern of weeds in the agricultural belt of northern and western Tien Shan. V. S Kornilova Trudy Inst. bot AN Kazakh. SSR 11 58-100 '61.

TIFLIS—LABOR AND LABORING CLASSES

Search goes on Viktor Perel'man Sov profsoiuzy 18 no 5 16-18 Mr '62

TIFLIS—TEXTILE INDUSTRY

Two per cent. IU. Zviagin. Sov. deput trud. no. 3,24 Mr '62

TIFLIS REGION—FISHES, FOSSIL

Fishes of the Dabakhanka series in Georgia P. G Danil'chenko Paleont zhur no 1 111-126 '62.

TIGIL' DISTRICT—GAS, NATURAL—GEOLOGY

Characteristics of the preliminary estimation of reservoir properties in terrigenous sediments of the Tertiary complex in western Kamchatk IU N Grigorenko, L. Z. Lipkov Trudy VNIGRI no 186 342-353 '61.

TIGIL' DISTRICT—PETROLEUM GEOLOGY

Characteristics of the preliminary estimation of reservoir properties in terrigenous sediments of the Tertiary complex in western Kamchatka IU N Grigorenko, L Z Lipkov Trudy VNIGRI no 186 342-353 '61

TIGIRETSKIY RANGE—ILVAITE

Ilvaite in skarns of the Inya iron-ore deposit. V. A. Shadrina, S G. Ankinovich. Sbor. nauch. trud. Kaz GMI no 19 171 '60.

TIGIRETSKIY RANGE—ORE DEPOSITS

Geological and mineralogical description of rocks and ores of the Inya iron-ore deposit and some problems of its genesis. L. P Shadrin, I. I. Bok. Sbor. nauch. trud. Kaz GMI no. 19 208-216 '60.

TIGULO-BEREZANKA REGION—ANTIQUITIES

Archaeological explorations in the Tigulo-Berezanka region in 1958 N. N Pogrebova Kratk. soob. Inst arkheol. no 83 110-114 '61.

TILE ROOFING see Roofing, Tile

TILES

Improving the manufacture of enameled glass tiles for facing G. I. Voskoboinikov, M. I. Reznikov. Stek. i ker 19 no 3 15-18 Mr '62

Manufacture of air-entrained ash and sand lightweight tiles. V. I Filichakov, O. D. Bobrov. Strol. mat. 8 no. 2:23-25 F '62

More on tiles of the Pir-Guseln Mausoleum. N. A. Sarkisov. Dokl. AN Azerb. SSR 17 no 9:845-850 '61.

[Production of bricks, tiles, and drainpipes] Plytu gerpiu ir drenu gamyba. [By] V. Jasiukevicius ir kiti. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 258 p. [In Lithuanian]

TILLAGE

Detailed study of the characteristics of various fields for the point of view of cultivation practices. V. M. Mearson. Vop. geog. no. 54 96-109 '61.

For the correct use of land. Sel'. mekh. no. 1:1-3 '62.

Methods for preparing sugar beet fields for spring crops V G. IAtsenko Trudy Vseros. nauch. -issl inst sakh svekly i sakh. 1 no. 2 20-21 '61.

Soil cultivation for barley grown after sugar beets. L. I. Khramtsov. Sbor nauch. -issl rab Azovo-Chernozem sel'khoz inst. 18 101-103 '60

TILLAGE—BIBLIOGRAPHY see Bibliography—Tillage

TIMAN RIDGE—FORAMINIFERA, FOSSIL

New Late Carboniferous and Early Permian fusulinids in the Timan-Pechora region M V Konovalova Paleont. zhur. no 1 47-57 '62.

TIMAN RIDGE—INSECTS, FOSSIL

Description of the first winged insect from the Devonian sediments of the Timan Ridge (Insecta, Pterygota) [with summary in English] B. B. Rodendorf Ent oboz 40 no 3 485-489 '61

TIMAN RIDGE—PETROLOGY

Some data on the petrography of the Izhma-Omra complex in the southern Timan Ridge N P. Patrikeeva Izv vys ucheb zav., geol i razv 5 no 2 97-99 F '62

TIME PERCEPTION

Transformation of conditioned reflexes to time [with summary in English] B G Khametov Zhur vys nerv deiat 11 no 6 1106-1111 N-D '61

TIME STUDY see subdivision under Donets Basin

TIMOTHY GRASS

Variations in the respiration rate of red clover (Trifolium pratense L.) and timothy grass (Phleum pratense L.) Kh U Umarov Bot zhur. 47 no 2:245-250 F '62

TIN

Studying the Fermi surface in tin by the cyclotron resonance method [with summary in English] M. S Khaikin Zhur. eksp. i teor. fiz. 42 no. 1,27-34 Ja '62

TIN CANS

Large cans for fishery products. M. A. Kuznetsov, B. I. Shilmovich Ryb. khoz. 37 no 11:69-72 '61.

TIN CHLORIDE

Raman spectra of systems composed of tin chloride with esters. Part 1. A. D. Dembitskii, T. N. Sumarokova. Opt. i spektr. 12 no. 3 369-375 Mr '62.

TIN-GERMANIUM ALLOYS—ELECTROMETALLURGY

Electrodeposition of tin-germanium and antimony-germanium alloys. S. I. Skliarenko, I. I Lavrov, S. V. IAkobson. Izv. vys. ucheb. zav., tsvet. met. 5 no. 2: 129-134 '62.

TIN ORGANIC COMPOUNDS

Reactions of trialkylalkoxystannanes with unsaturated compounds I. F Lutsenko, S. V. Ponomarev, O. P. Petrii. Zhur. ob khim. 32 no 3:896-900 Mr '62.

Tin and lead hydrocarbons with 1, 3-cryno radicals. V. S Zavgorodnii, A. A Petrov. Dokl. AN SSSR 143 no 4 855-858 Ap '62.

TIN PLATE

Machine for lubricating tin plate. Ryb. khoz. 37 no. 10: 89-90 '61

TIN PLATING

Exchange of experience Zav lab 28 no. 2 207-208 '62

TIRASPOL' DISTRICT—STOCK AND STOCKBREEDING—FEEDING AND FEEDS

Pritula, IU. V. [Antibiotics in the feeding of farm animals; from the practices of the production and use of antibiotic feed supplements on collective farms in Orgeyev, Telenesht, and Tiraspol' Districts] Antibiotiki v kormlenii zhivotnykh, iz opyta proizvodstva i primeneniia kormovykh antibiotikov v kolkhozakh Orgeevskogo, Teleneshtskogo i Tirnspol'skogo raionov. Kishinev, Gos. izd-vo "Kartia moldovenieske," 1960. 14 p. (DA)

TIRES, RUBBER

(see also subdivision under Omsk)

Nahula, H. IE. [Motor-vehicle tires] Avtomobil'ni shyny. Kyiv, Derzh. vyd-vo tekhn. lit-ry URSR, 1961. 99 p. (Biblioteka avtomobilista)

TISSUE CULTURE

Autoradiographic study of skin epithelium in tissue cultures by F. M. Lazarenko's method [with summary in English]. L. I. Chekulaeva. Arkh. anat. gist. i embr. 41 no. 12 57-63 D '61.

Comparative study of the sensitivity of various tissue cultures to the influenza and para-influenza viruses [with summary in English]. L. IA. Zakstel'skaia, Fah I-lan [Fang I-lang]. Vop. virus. 7 no. 1:71-79 Ja-F '62.

Cytopathogenic action of the tick-borne encephalitis virus on human and animal tissue culture cells [with summary in English]. A. V. Dubov. Vop. virus 7 no. 1:39-43 Ja-F '62.

Interaction of tissue culture cells with viruses isolated from rheumatics. Report No. 2. Fluorescence in microscopy and cytochemical investigation A. N. Mosolov. Izv Sib. otd. AN SSSR no 12 82-86 '61

Luminescence microscopic study of tissue cultures in the initial stages of the interaction with the Sendai virus [with summary in English]. A. G. Bukrinskaia, F. I. Ershov, V. M. Zhdanov. Vop. virus 7 no. 1:18-22 Ja-F '62.

Microphotography of tissue cultures in Rio K. I Valdman. Vop virus. 7 no. 1:116-117 Ja-F '62

Oncogenic action in rats of tissue cultures previously exposed to the effect of human breast cancer extracts [with summary in English] G. I Dobrokhotova [illegible] biol i med. 53 no. 9 85-88 F '62

Study of the phagocytic process in vitro in [illegible] histiocyte culture [with summary in English] [illegible] Chakhova, S. M. Sobolev Biul eksp. biol i med. no 1 74-76 Ja '62.

Study of the properties of the Coxsackie virus [illegible] Report No. 1 Its properties in a tissue culture [illegible] summary in English]. F. G Haelin Vop. virus no. 1:100-104 Ja-F '62.

TISSUE EXTRACTS

Tissue therapy of certain diseases under polyvalent conditions O. Z Mirosbnichenko Vrach. delo [illegible] 97 Ag '61

TISSUES—PERMEABILITY

Role of hyaluronidase in the mechanism of [illegible] increase in tissue barrier permeability under the [illegible] of ionizing radiation [with summary in English] [illegible] Arlashchenko Med. rad 5 no 1 [illegible]

TISSUES—TRANSPLANTATION

Late results of plastic operations on circular defects of the trachea using pedunculated musculoperiosteal and musculocostal flaps [with summary in English] [illegible] Amirov. Grud khir. 2 no 1:86-90 Ja-F '60

Tissue therapy in severe forms of trachoma. A. N. Kruglov, M. S. Zarbeeva, Kaz. med. [illegible] Ja-F '62.

TITANIUM

Drawing of titanium wire through a rotating die [illegible] V. Z Zhilkin Sbor. nauch. trud GIN1SVI [illegible] 355-363 '60

Reflection of the microheterogeneity of the original melts in the structure of augen-dioritic [illegible] titanium [with summary in English] M. F [illegible] Geokhimiia no. 2 147-153 '62.

Spin-lattice relaxation time for the Ti^{3+} ion in [illegible] [with summary in English]. L. S. Kornienko, P. P Pashinin, A. M Prokhorov Zhur. eksp. i teor. fiz. 42 no. 1:65-66 Ja '62.

Titanium determination in magnetite sandstones [illegible] Bagbanly, Kh. L. K. Zeinalova Dokl. AN Azerb. [illegible] no. 9:793-796 '61.

Use of titanium sponge in the making of stainless [illegible] N. S Vachugova Metallurg 7 no 2 [illegible]

TITANIUM—HYDROGEN CONTENT

Kinetics of hydrogen absorption by titanium A. F Grodshtein Izv. Sib. otd. AN SSSR. no 3, 43 [illegible]

TITANIUM—ISOTOPES

Isotopic effect during distribution of titanium [illegible] between water and ether E. M Kuznetsova, [illegible] kurin, O. T. Nikitin Zhur neorg khim 7 [illegible] Mr '62

TITANIUM—SPECTRA

Spectral determination of small quantities of titanium dust M. V Nifontova. Gig. truda i prof. zabol. 4 [illegible] 51-53 Ja '60

TITANIUM ALLOYS

Deep drawing of titanium and titanium alloy [illegible] parts. S. IA. Sorokin, B. P. Medvedov. [illegible] proizv. 4 no. 3: 14-17 Mr '62.

TITANIUM ALLOYS—WELDING

Effect of certain alloying elements on the corrosion cracking of welded joints in titanium alloys [illegible] Gurevich, L. N. IAgupol'skaia Avtom. svar. [illegible] 39-47 Ap '62.

TITANIUM-ALUMINUM-NIOBIUM ALLOYS see Titanium-aluminum alloys

TITANIUM BORIDE

Thermodynamics of making titanium and chromium borides by the boron carbide method A. N Krestovnikov, M. S Vendrikh Sbor. nauch. trud Gi[illegible] no. 33 3-7 '60

TITANIUM CHLORIDE

Production of titanium trichloride. I. V. Blitfuk [illegible] Zhur VKHO 7 no. 1:119-120 '62

TITANIUM CHLORIDE—SPECTRA

New analysis of the oscillatory structure of the [illegible] of titanium monochloride in the region of 12[illegible] Shenlavskaia, IU. IA. Kuzinkov, V. M. Tatevskii, [illegible] spektr. 12 no. 3:359-363 Mr '62.

TITANIUM COMPOUNDS

Absorption of titanium (IV) by ion exchangers. [illegible] Nabivanets. Zhur. neorg khim 7 no 2 [illegible]

Colored complexes of titanium with salicylate A. P Babko, A. I. Volkova, T. E. Gel'man Zhur [illegible] 7 no. 2 284-290 F '62.

Complex formation in the system titanium (IV) - [illegible] pyrylmethane - thiocyanate A. K. Babko, M. M [illegible] naiko Zhur neorg khim 7 no 3 562-570 Mr '62

TITANIUM COMPOUNDS (Continued)

Complexes of titanium with pyrogallol. S. IA Shnaiderman, L. E. Kalinichenko. Tr. vys. ucheb. zav., khim. i khim. tekh. 4 no. 6 897-901 '61

Electromigration of titanium (IV) ions in a medium of nitric, hydrochloric and sulfuric acids. B. I. Nabivanets. Zhur. neorg. khim. 7 no. 2 412-416 F '62

Isotopic effect during distribution of titanium compounds between water and ether. E. M. Kuznetsova, N. V. Zakurin, O. T. Nikitin. Zhur. neorg. khim. 7 no. 3 676-677 Mr '62

Polarographic study of the Fe^{IV}-Ti^{III} system in solutions of hydrochromic acid. A. I. Karyakina, A. G. Stromberg. Zhur. neorg. khim. 7 no. 2 291-297 F '62

TITANIUM COMPOUNDS—SPECTRA

Equilibrium in the system titanium(IV) - diantipyrylmethane - thiocyanate - ethanol. A. K. Babko, M. M. Tananaika. Zhur. neorg. khim. 7 no. 3 571-575 Mr '62

TITANIUM-GADOLINIUM ALLOYS

Phase diagram of alloys of the titanium - gadolinium system. E. M. Savitskii, G. S. Burkhanov. Zhur. neorg. khim. 7 no. 3 699-701 Mr '62

TITANIUM ORES

Processing of complex titanium-niobium bearing rare earth minerals by the carbidizing and chlorination method. G. A. Meerson and others. Sbor. nauch. trud. GINTsVETMET no. 33 175-185 '60

TITANIUM ORES—ANALYSIS

Correlation of chemical and mineralogical analyses in the study of ancient titanium placer deposits. A. R. Sushon. Tr. vys. ucheb. zav., tsvet. met. 5 no. 2 3-8 '62.

TITANIUM OXIDE

Interaction between titanium dioxide and hydrofluoric acid. IU. A. Buslaev, V. A. Bochkareva, N. S. Nikolaev. Izv. AN SSSR Otd. khim. nauk no. 3 380-382 Mr '62

Modification of titanium dioxide for pigments serving different purposes. T. A. Efimoleva. Lakokras. mat. i ikh prim. no. 5 46-50 '61.

Rapid method for determining manganese in pigment-rich titanium dioxide. V. A. Malevannyi. Lakokras. mat. i ikh prim. no. 6 59-60 '61

Study of the TiO_2 - SO_3 - H_2O system by the solubility method at 25, 50 and 75° C. V. I. Belokoskov. Zhur. neorg. khim. 7 no. 3 679-684 F '62.

Thermodynamics of the reduction reaction of titanium oxides. A. N. Krestovnikov, A. I. Lomov. Sbor. nauch. trud. GINTsVETMET no. 33 8-12 '60

TITANIUM SULFIDES—MAGNETIC PROPERTIES

Magnetic susceptibility of titanium sulfides TiS - Ti_2S_3. G. M. Loginov, Kh. Damen. Zhur. neorg. khim. 7 no. 4 882-883 Mr '62.

TITANYL SULFATE

Determination of the composition and stability of titanyl sulfate complexes by ion exchange chromatography. B. I. Nabivanets. Zhur. neorg. khim. 7 no. 3 690-693 Mr '62

TITMICE see subdivision under Karpogory District; Moscow region

TITOV, GERMAN STEPANOVICH, 1935-

Aviation and outer space. G. Titov. Vest. Vozd. Fl. no. 12 22-27 D '61

From different countries and continents. Av. i kosm. 44 no. 3 00-01 '62

Litapunov, B. V. [Rockets and interplanetary flights] Rakety i mezhplanetnye polety. Moskva, Voen. izd-vo M-va obor. SSSR, 1962. 121 p. (Nauchno-popularnaia biblioteka)

The origin of a heroic deed. M. Chetyrko. Volov. ateist no. 11 55 N '61.

Thousands of new letters and telegrams. Av. i kosm. 44 no. 2 03-04 '62.

TITOVA, ALEKSANDRA IVANOVNA, 1902-

Professor Aleksandra Ivanovna Titova. Pediatriia no. 2 81 '62.

TITRATION

Titration of antibiotics by diffusion in agar from holes cut in the agar layer. G. V. Kochetkova, R. S. Ukholina. Med. prom. 16 no. 1 49-50 Ja '62.

TKIBULI REGION—COAL MINES AND MINING

In the Sabiliasuri gorge. G. Bagdasarov. Sov. shakht. 11 no. 4 10-11 Ap '62

TOBACCO

Effect of gibberelin on the growth and yield of tobacco in connection with the dates of treatment. M. Kh. Chailakhian and others. Izv. AN Arm. SSR. Biol. nauki 15 no. 2 3-11 '62.

TOBACCO—ANALYSIS

Separation of nicotinic alkaloids and determination of their amount by paper chromatography. E. S. Avundzhian. Izv. AN Arm. SSR. Biol. nauki 15 no. 2 89-93 '62.

TOBACCO—VARIETIES

Physiological and biochemical characteristics of the types of tobacco marked by heterosis [with summary in English] T. B. Dairkanbaev, Zh. L. Lukpanov, Zh. Kalekenov. Fiziol. rast. 9 no. 1 60-68 '62.

TOCOPHEROL

Oxidative phosphorylation in the tissues of the skeletal muscles in experimental vitamin E deficiency. N. N. Zaitseva. Vop. med. khim. 7 no. 3 313-319 My-Je '61

TOERNEBOHMITE see subdivision under Ural Mountains

TOGUCHIN—WOODWORKING INDUSTRIES

Erroneous style of supervision. I. Vlasenko. Mest. prom. i khud. promys. 3 no. 3 31 Mr '62.

TOKYO—THEATER

In Japan. A. Bilfukov. Teatr. 23 no. 3 168-169 Mr '62

TOLBACHIK VOLCANO—LAVA

Tolbachik lavas. Leonid Paseniuk. Vokrug sveta no. 3 47-48 Mr '62

TOLERANCE (ENGINEERING)—STANDARDS

[Tolerances and fits] Dopuski i posadki. Izdanie ofitsial'noe. Moskva, Gos. izd-vo standartov, 1960. 67 p. (SSSR. Gosudarstvennye standarty)

TOLMACHEV, VASILII ALEKSANDROVICH, 1902-

In memory of Vasilii Aleksandrovich Tolmachev; obituary. Trudy Lab. ozeroved. 12:281-283 '61

TOLSTOI, LEV NIKOLAEVICH, 1828-1910

Kontsevich, I. M. [Reasons for the spiritual downfall of L. N. Tolstoi] Istoki dushevnoi katastrofy L. N. Tolstogo. Munich, 1960. 108 p. (CLU)

"Tolstoi, the writer", a collection of studies. Reviewed by N. Prianishnikov. Novyi mir 38 no. 3 263-268 Mr '62.

Vinogradov, B. S. [L. N. Tolstoi in the Caucasus as recalled by his contemporaries] L. N. Tolstoi na Kavkaze v zapisiakh sovremennikov. Groznyi, Checheno-Ingushskoe knizhnoe izd-vo, 1961. 115 p. (Grozny Checheno-Ingushskii nauchno-issledovatel'skii institut istorii, iazyka i literatury. Trudy, vol. 3)

TOLSTOI, LEV NIKOLAEVICH, 1828-1910—HOMES AND HAUNTS

Enikolopov, I. K. [Lev Nikolaevich Tolstoi in Georgia] Lev Nikolaevich Tolstoi v Gruzii. Tbilisi, Izd-vo Soiuza pisatelei Gruzii "Zaria Vostoka," 1960. 84 p.

Minokin, M. V. [Lev Tolstoi in Orel Province] Lev Tolstoi v Orlovskom krae. [Orel] Orlovskoe knizhnoe izd-vo, 1960. 53 p. (CU)

TOLUENE

Interaction of allyl halides and benzyl chloride with germanium hydrides. V. F. Mironov and others. Izv. AN SSSR Otd. khim. nauk no. 3 460-465 Mr '62

Mechanism of the effect of alkaline sulfur solutions on nitro derivatives of toluene and diphenylmethane. R. S. Tbekhanskii, N. N. Zobova, V. F. Ushenina. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 6 985-987 '61

Physicochemical properties of resins obtained by polycondensation of benzyl chloride and 1-chloromethylnaphthalene in the presence of chlorides of elements of the fourth group [with summary in English] O. A. Osipov, V. I. Minkin, O. E. Kashireninov. Vysokom. soed. 3 no. 12 1774-1781 D '61.

Sulfonation reactions. Part 54: Sulfonation of toluene and isolation of m-toluenesulfonic acid. A. A. Spryskov. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 6 981-984 '61.

TOLUENESULFONIC ACID

Sulfonation reactions. Part 54: Sulfonation of toluene and isolation of m-toluenesulfonic acid. A. A. Spryskov. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 6 981-984 '61

TOLUIDINE

Cyanoethylation of p-toluidine by β-substituted propionitriles. P. F. Buckus and others. Zhur. ob. khim. 32 no. 3 820-823 Mr '62.

TOMATOES

(see also subdivision under Transbaikalia)

Microflora of the roots of tomatoes and beans raised in water and soil. T. G. Zimenko, I. V. Kabalova. Biul. Inst. biol. AN BSSR no. 6 203-210 '61.

Taraunovs, V. [Tomatoes] Tomati. Riga, Latvijas Valsts Izdevnieciba, 1961. 136 p. [In Latvian] (DA)

TOMATOES—VARIETIES

Ability for synthesis in drought-resisting tomato plants [with summary in English] P. A. Genkel', R. S. Morozova, N. D. Pronina. Fiziol. rast. 9 no. 1 80-85 '62.

Some vegetative and generative phenomena of determinate tomatoes [with summary in English] N. Kolev, Kh. Sharenkova. Fiziol. rast. 9 no. 1 75-79 '62.

TOMSK—BOTANY, MEDICAL

Raising medicinal plants in Tomsk. L. N. Bereznegovskaia. Trudy Len. khim.-farm. inst. 12 305-309 '61.

TOMSK—PARKS

University park in Tomsk, history, present condition and plans for its improvement. S. V. Gudoshnikov. Trudy TSSBS no. 3 113-119 '60.

TOMSK—PLANTS, ORNAMENTAL

Cultivation of perennial ornamental plants in Tomsk. A. F. Chigaeva. Trudy TSSBS no. 3 131-137 '60.

TOMSK PROVINCE—BUCKWHEAT

Developmental characteristics of buckwheat in northern Tomsk Province. B. F. Germanov, L. E. Gorbuk. Agrobiologiia no. 1 99-102 Ja-F '62.

TONGUE—ABNORMITIES AND DEFORMITIES

Short frenulum linguae in children. L. L. Gol'dzand. Med. sestra 21 no. 3 31 Mr '62

TONGUE—DISEASES

Medial tongue fistula resulting from nonclosure of the thyroglossal duct. N. S. Gulieva. Vrach. delo no. 2 144-145 F '62

TONIAEVA, RIMMA IVANOVNA, 1924-

Rimma Ivanovna Toniaeva. Med. sestra 21 no. 3 56-57 Mr '62.

TONSILS—DISEASES

Chronic tonsillitis and rheumatic fever. F. F. Malomuzh. Med. sestra 21 no. 2 9-14 F '62

Content of hyaluronidase and hyaluronic acid in the blood serum in chronic tonsillitis. I. P. Danilov. Zdrav. Bel. 8 no. 1 33-35 Ja '62.

Pathohistological study of the nerve elements in the palatine tonsils in chronic tonsillitis. R. N. Kaiumova. Med. zhur. Uzb. no. 5 41-43 My '60

Prevention of chronic tonsillitis. T. A. Vainshtein. Med. sestra 21 no. 2 14-18 F '62

TONSILS—INNERVATION

Pathohistological study of the nerve elements in the palatine tonsils in chronic tonsillitis. R. N. Kaiumova. Med. zhur. Uzb. no. 5 41-43 My '60.

TONSILS—SURGERY

Cerebral complications following tonsillectomy [with summary in English] M. IA. Berdichevskii. Sov. med. 25 no. 2 52-57 F '62

Protective surgical mask for use in tonsillectomy. G. M. Kosul'nikova. Med. sestra 20 no. 12 45-46 D '61

TOOL STEEL

Cast cutting tools. N. D. Tiuteva, IU. A. Evtiushkin. Lit. proizv. no. 3 38-39 Mr '62

New technology for the manufacture of silver steel from R18 tool steel. IA. Kh. Sartan. Metallurg 7 no. 2 31-33 F '62.

TOOL STEEL—METALLOGRAPHY

Effect of the rate of heating on the austenitic grain size in rapid tool steels. A. P. Gulaev, R. P. Loshchinskaia. Fiz. met. i metalloved. 13 no. 2 233-240 '62

TOPOGRAPHIC MAPS

Representation of agricultural land use of topographic maps. N. V. Shubina. Izv. vys. ucheb. zav., geod. i aerof. no. 6 97-106 '61.

TOPOGRAPHICAL SURVEYING

Regulations for the performance of topographical surveys at the scale of 1:25,000 in mountain regions. Geod. i kart. no. 2 3-10 F '62

TOPOGRAPHICAL SURVEYING—CONGRESSES

Conference of topographers of the Siberian Geological Survey. A. V. Butkevich, M. A. Mitnikov. Razved. i okh. nedr 28 no. 2 62-63 F '62

TOPOGRAPHICAL SURVEYING—PROBLEMS, EXERCISES, ETC.

Lapkina, N. A. [Practical work in topography and cartography; a manual for students] Prakticheskie raboty po topografii i kartografii; posobie dlia studentov. Moskva, Gos. uchbeno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 119 p.

_____ Maps.

TOPOLOGY

A. I. Markushevich's duality principle. V. I. Gorgula. Dokl. AN SSSR 143 no. 2 269-271 Mr '62.

Approximation of bicompacts by projection spectra. I. A. Shvedov. Trudy mat. inst. AN Gruz. SSR 27 11-14 '60.

Bicompact expansions and dimensionality. E. G. Skliarenko. Trudy mat. inst. AN Gruz SSR 27, 113-114 '60

Case of generalization of Dini's derivative numbers. A. IA. Vol'pert. Trudy mat. inst. AN Gruz SSR 27, 71-83 '60

Cauchy directions and the complementation of regular spaces. G. IA. Areshkin. Trudy mat. inst. AN Gruz SSR 27 85-102 '60

Closed multiple-valued mappings of B-sets. A. D. Taimanov. Trudy mat. inst. AN Gruz SSR 27 52-56 '60.

Effectuation of Archimedean linear K-spaces. A. I. Veksler. Sib. mat. zhur. 3 no. 1 7-16 Ja-F '62.

Exact sequences of homology groups on arbitrary subsets in a polyhedron. N. T. Tynianskii. Trudy mat. inst. AN Gruz SSR 27 15-25 '60

TOPOLOGY (Continued)

Outline of the basic ideas of topology (conclusion) V. G Boltianskii, V A Efremovich Mat. pros no 6 107-138 '61

Reciprocally single-valued correspondence between bicompacta and certain classes of spectra. B A Pasynkov Trudy mat inst AN Gruz SSR 27 43-52 '60

Regular polyhedra on a closed surface with the Euler characteristic X=-1 A S Grek Trudy mat inst AN Gruz SSR 27 103-112 '60

Rotation of a weakly continuous vector field IU G Borisovich Trudy mat. inst. AN Gruz SSR 27 27-42 '60

Space of converging sequences L. A. Skorniakov. Dokl AN SSSR 143 no 3 536-538 Mr '62

Strongly paracompact spaces. V. Ponomarev Dokl AN SSSR 143 no. 4 791-795 Ap '62

Theory of stereohedrons B Delaunay, I I Sandakova Trudy Mat inst 64:28-51 '61

Topological and structural completeness of normalized and linear topological structures A I Veksler Dokl AN SSSR 143 no 2:262-264 Mr '62

Torsion of spaces with infinitesimal connectivity A I Sirota Trudy Mat inst AN Gruz SSR 27 3-9 '60.

TORCHIN—HISTORICAL MUSEUMS

Through the initiative of local historians. G Gurtovyi. Sots kul't no. 2 43-44 F '62

TORLIUN, ANTONINA

"There is no beehive without drones" by A. Torliun. Reviewed by Iv. Statyvka. Ukraina no 2:26 Ja '62

TORQUE—MEASUREMENT

Device for measuring torque on engine shafts (torsion meter) I. Chachkhiani, G. Samykin. Rech transp 21 no 2,36-38 F '62.

Use of photoelectric and ohmic transducers for simultaneous measurement of torque. N. N. Luchinskii. Trudy VIM 28,108-126 '60.

TORZHOK—CLOTHING INDUSTRY

Garment cutters from Torzhok. L. Davydov. Mest. prom. i khud. promys. 3 no. 3 34-35 Mr '62.

TOSNO DISTRICT—COMMUNITY CENTERS

"They didn't encourage our valuable initiative." Sov deput trud no. 3:77-78 Mr '62.

TOUCH

Stochastic theory of perception Report No 4 Tactile perception of letter images L. Arana, E N Sokolov Dokl APN 5 no 6 61-64 '61

Study of optimum methods for checking hypotheses in normal and pathological cases. Report No 3 Disorders in tactile recognition of complex images Experiment on a patient with a local disturbance in a brain lobe O K Tikhomirov. Dokl APN 5 no 6 65-68 '61

TOURANE, VIETNAM—DESCRIPTION

In a faraway bay. Petro Bielov Ukraina no 6 26-27 Mr '62

TOURISTS, AMERICAN see subdivision under Ukraine

TOWERS, PACKED see Packed towers

TOWERS, PLATE see Plate towers

TOXEMIA

Comparative results in treating early pregnancy toxemias with bromine, caffeine and aminazine K. A. Kurysheva, F. N. Plushchev. Sov. med 25 no. 2 132-135 F '62.

Use of new medicinal substances with hypotensive effect in late toxemias of pregnancy. A. M. Foi. Kaz. med. zhur. no. 1,56-58 Ja-F '62.

TOXINS AND ANTITOXINS

Associated immunization with live and chemical vaccines in experiments. Report No 2: Mechanism of the stimulation of antitoxin production by live EB vaccine [with summary in English]. R. A. Saltykov, G. I. Kremlev, E. M. Zemskov. Zhur mikrobiol , epid. i immun. 33 no 2 28-32 F '62.

Detoxifying and disintoxifying properties of mycerin in relation to the botulinus and staphylococcus toxins [with summary in English]. V. N. Derkach. Antibiotiki 6 no. 11 1006-1009 N '61.

Effect of plague microbe toxin on blood proteins and the incorporation of methionine-S^{35} into tissue proteins [with summary in English]. I. V. Domaradskii, I. M. Klimova, A. A. Tokareva. Vop. med khim. 7 no. 6 614-619 N-D '61

Effect of the amount of sorbent on the immunogenic property of botulin anatoxins [with summary in English] A P. Labinskii Zhur mikrobiol., epid. i immun. 33 no 2 78-84 F '62.

Interrelation between allergies and the level of tetanus antitoxic immunity [with summary in English]. L. G. Kovtunovich, E. A. Shubiovskaia. Biul eksp. biol. i med. 52 no. 11:85-88 N '61.

Radiomimetric properties of oxidized oleic acid, IU. B. Kudriashov Nauch. dokl. vys. shkoly, biol nauki no. 1: 102-104 '62.

Staphylococcal enterotoxin and methods for determining it in food products [with summary in English]. O. N. Sirotinina. Zhur. mikrobiol , epid. i immun 33 no 1 90-94 Ja '62.

Study of botulin anatoxins. Report No 4 Botulin anatoxin type [with summary in English]. A. A Vorob'ev. Zhur mikrobiol , epid. i immun. 33 no. 1 72-79 Ja '62.

Study of the immunogenic effectiveness of a gangrene dianatoxin (perfringens and oedematiens) in human revaccinations L. G Podgornaia Zhur. mikrobiol , epid. i immun 33 no. 2:123-124 F '62

TOXOPLASMOSIS

(see also subdivision Caucasus)

Clinical aspects of acquired toxoplasmosis (chronic form). F. D. Zabugin, M. G. Smaitina Zhur nevr i psikh 62 no 3,413-416 '62

TOY INDUSTRY

(see also subdivision under Moscow)

Closer to life. G. A Sherer. Doshk. vosp 35 no. 4 112-113 Ap '62.

TRACE ELEMENTS

(see also subdivision under Novosibirsk Reservoir, Soviet Far East, Transbaikalia, Ural Mountains)

Applying trace element fertilizers to grain crops in the Chernozem soils of the northern part of the Sea of Azov region. M. N. Khoroshkin Sbor. nauch.-issl rab. Azovo-Cher. sel'khoz. inst. 18:59-64 '60

Coprecipitation of some minor elements of natural waters and calcium carbonate T. P. Popova Geokhimiia no 12:1125-1128 '61

"Distribution of trace elements in caustic biolithes, organisms, sedimentary rocks, and oil field waters" by D. I. Zul'fugarly Reviewed by E S. Burkser Dokl AN Azerb SSR 18 no 1,107-108 '62

Effect of trace elements on the activity of actinomyces and the resistance of cotton to verticillium wilt. S. A. Askarova, R. IA. Ioffe. Uzb. biol zhur 6 no. 1:5-9 '62

Effect of trace elements on the carbohydrate content of the cotton plant. V. I Alieva Dokl AN Azerb SSR 18 no 1 77-81 '62

Foliar feeding of corn with trace element fertilizers. V. V. Ageev. Zemledelie 24 no. 3:76-77 Mr '62.

Malenev, F. E. [Microelements in phytopathology] Mikroelementy v fitopatologii. Leningrad, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 119 p.

Methods of sampling ores and minerals of nonferrous metals for trace elements G. G. Klinchanskii. Razved i okh. nedr 28 no 1,11-16 Ja '62.

Microelements in water of the peat soil. V. M. Terent'ev, M. V. Terent'eva. Biul. Inst. biol. AN BSSR no 6:158-160 '61.

Petrilchuk, D. I., and L. A. Slashcheva. [Manganese and its importance in agriculture] Marganets i ego znachenie v sel'skom khoziaistve. Frunze, Kirgizskoe gos. izd-vo, 1960. 45 p
(DA)

Trace elements in potable water of Lvov Province and endemic goiter. E. P. Novikova. Gig i san 26 no. 9 80-82 S '61.

TRACE ELEMENTS IN THE BODY

Absorption of some micro- and macroelements in patients suffering from chronic enterocolitis [with summary in English]. A. M. Krasnova. Terap. arkh. 34 no. 3:73-81 '62.

Effect of tenotomy on the content of some trace elements in the muscles [with summary in English]. V R. Soroka. Vop. med khim. 7 no 3 306-309 My-Je '61.

TRACHEA—EXPLORATION

Tracheobronchoscopic examination of patients with pulmonary tuberculosis. M. V. Shesterina. Kaz. med. zhur. no. 5:17-20 S-O '61.

TRACHEA—INNERVATION

Morphology of the neural apparatus of the human trachea. A. E. Tarasenko. Trudy Len. ob-va est. 72 no. 1: 104-105 '61.

TRACHEA—SURGERY

Indications and contraindications for tracheostomy in some types of respiratory disorders (Clinical and experimental data). D. A. Arapov, IU. V. Isakov Grud. khir 3 no. 6:105-111 N-D '61

Late results of plastic operations on circular defects of the trachea using pediculated musculoperiosteal and musculocostal flaps [with summary in English]. F. F. Amirov. Grud. khir. 2 no. 1:86-90 Ja-F '60.

Modification of a tracheotomy tube, making possible a change-over from tracheal respiration to oral-nasal respiration. IU. V. Zotov, V. A. Kozyrev Vop. neirokhir. no. 2:34-35 '62.

Suction of films and mucus from the respiratory passages after a tracheotomy in diffuse croup. M. V. Rostapshov., I. V. Shterental' Pediatriia no. 2:48-50 '62.

Sudden death in tracheotomized patients. M. I. Fedorov. Kaz. med. zhur. no. 1:75-76 Ja-F '62.

Tracheostomy as a method for preventing respiratory insufficiency after surgery on the esophagus and cardia [with summary in English]. IU. E. Berezov and others. Vest. khir. no. 3:3-9 '62.

TRACTOR INDUSTRY see subdivision under Volgograd

TRACTORS

Antipov, V. V. [Repair and adjustment of the fuel equipment of diesel tractors] Remont i regulirovanie toplivnoi apparatury dizel'nykh traktorov [Stratov] Stratovskoe knizhnoe izd-vo, 1961. 126 p.

Gurevich, A. M., and E. M. Sorokin. [Tractors and motor vehicles] Traktory i avtomobili. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 567 p.

Minskii avtomobil'nyi zavod [Catalog of parts for the MAZ-501 logging tractor and the MAZ-502 and MAZ-502A motortrucks] Katalog detalei lesnogo [illegible] tiagacha MAZ-501 i gruzovykh avtomobilei MAZ-501 i MAZ-502A Moskva, Mashgiz, 1961. 447 p.

Our help to high-speed operators. A. Plaxiev Sel'mekh no 1:17-20 '62

Puller tool for the driving wheel of the [illegible] tractors. M. M Gordin. Mekh. strol. [illegible] '62.

Silvicultural valuation of the new tractors A [illegible] I. V. Bolgov Les kho 15 no. 1 58-65 Ja '62

Traction calculations for tractors. M. I. Bigeev. Nauch.-issl. rab. Azovo-Cher. sel'khoz. inst. 19:141-159 '60

Tractor for work on seedlings. A. Rozumovskii Sel'mekh. no. 3:34 '62

TRACTORS—ABSTRACTS

[Tractors and agricultural machinery] Ref. zhur. Ser. 1 vyp. 44 Trakt. i sel'khoz. mash. 1961. 1-6 Ja '62

TRACTORS—COLD WEATHER OPERATION

Heating the tractor cab. P. Erukh. Sel'. mekh. [illegible] '62.

Word to the designers. N. I Prendzhonov Sel'mekh no. 3 32 '62

TRACTORS—DESIGN AND CONSTRUCTION

"Kirovets" V Naumov, I Sterkin Nauka i zhizn' 29 no 2 25-28 F '62

TRACTORS—ELECTRIC EQUIPMENT

Method for improving the electric lighting [illegible] F. Usatiuk. Sel' mekh. no. 3,31 '62

TRACTORS—ENGINES

Determination of the power rating of an engine [illegible] N Zhdanovskii, A. Morshin. Sel'. mekh. [illegible] '62

Makhaldiani, V. [Research in the field of motor [illegible] and tractor engines] Issledovanila v oblasti avtomobil'nykh i tornykh dvigatelei. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1961. 313 p. [In Georgian]

TRACTORS—EQUIPMENT AND SUPPLIES

Device for removing roller bearings. D. Dmitrikin Sel'mekh. no 3:32-33 '62

TRACTORS—HYDRAULIC EQUIPMENT

Adjusting valves in hydraulic distributors. V. [illegible] Sel'. mekh no. 1:28 '62.

TRACTORS—IGNITION

Ignition system of an engine. V. Anokhin Sel'mekh no. 3:37-40 '62.

TRACTORS—MAINTENANCE AND REPAIR

Fastening of a carriage. I. Demidov. Sel'mekh [illegible] 31-32 '62.

Replacement of a connecting link. V. Lozovskii Sel'mekh. no. 3:31 '62.

Russia (1917- R. S. F. S. R.) Ministerstvo sel'skogo khoziaistva. Upravlenie organizatsii truda i [illegible] platy. [Collection of consolidated approximate [illegible] norms for the repairing of agricultural equipment] Sbornik ukrupnennykh primernykh normativov vremeni na remont sel'skokhoziaistvennoi tekhniki. Moskva, Izd-vo M-va sel'. khoz. RSFSR.
Pt. 1. [Tractors, combines and motortrucks] Traktory, kombainy i avtomobili 195 p.

TRACTORS—PRODUCTION STANDARDS

Dokuchaeva, A. P. [High production use of [illegible] tractors] Vysokoproizvoditel'noe ispol'zovanie [illegible] traktornogo parka. Moskva, Izd-vo "Znanie," 1961. 38 p. (Narodnyi universitet kul'tury: Sel'skokhoziaistvennyi fakul'tet, no. 18)

TRACTORS—SAFETY MEASURES

Vinogradov, M. I. [Safety measures in transportation operations] Tekhnika bezopasnosti na transportnykh rabotakh. [Moskva, Izd-vo M-va sel'. khoz. RSFSR, 1961]. 13 p. (Pamiatka rabotnika sel'skogo khoziaistva) (DA)

TRACTORS—TRANSMISSION DEVICES

My suggestion. F. Usatiuk. Sel'. mekh. no. 1,31 '62

TRACTORS—WHEELS

Fastening rear wheels of the "Belarus" tractor. [illegible] Sel'. mekh. no. 1:30 '62.

TRADE UNION MEETINGS

Consultation on the order of preparing and conducting trade-union meetings. Razved. i okh. nedr 27 no.10:62-63 O '61.

TRADE UNIONS
(see also subdivision under Africa; Asia, Azerbaijan; Brazil; British Guiana, Bulgaria; Buryat-Mongolia, Cuba, France, Germany, West, Gorkiy, Grigor'yevka, Aktyubinsk Province, Hungary; Latvia, Portugal, Ruzayevka District, South Africa, Republic of, Tselinograd, Ukraine, United States)

Active members are our support A. Kumanin Sov. shakht 11 no 4:33-34 Ap '62

After the report meeting... IA Suldornikov. Sov. profsoiuzy 18 no. 7 30-31 Ap '62.

Answering the questions of activists Sov profsoiuzy 18 no 5 24 Mr '62

Blood brothers Gustav Hnilička. Sov. profsoiuzy 18 no 6 40-41 Mr '62.

"Collections of scientific works by the labor safety institutes of the All-Union Central Council of Trade Unions." Reviewed by N V Mezentseva, O IA Mogilevskaia Gig truda i prof zab 1 no 12 53-54 D '60

Community participation in trade-union work Sov profsoiuzy 18 no 3 2-4 F '62

Executive organs of the World Federation of Trade Unions Vsem prof dvizh no 2 33-39 F '62

Fifth Plenum of the Central Committee of the Trade Union of Prospecting Workers I I Kirilkhin, E S Krivenko Razved i okh nedr 28 no 2 54-57 F '62.

Grains of useful practice. Sov profsoiuzy 18 no 6 29 Mr '62.

"History of the trade-union movement in the U.S.S.R." Reviewed by L.E Voronchikhin, G.M Derenkovskii Ist. SSSR 6 no 1 174-176 Ja-F '62.

In trade-union committees. Mest prom. i khud promys. 3 no. 3 7 Mr '62.

Let us talk frankly. V. Tsvganov. Sov. profsoiuzy 18 no. 7:28-30 Ap '62.

Let's address a living word to the voters! Sov. profsoiuzy 18 no 3 5 F '62.

Organizational work has the last word. V Krivich Sov profsoiuzy 18 no 1 16-19 F '62

Out of sight, out of mind V Liutikov Sov profsoiuzy 18 no 3 9 F '62

Patriotic activities. I Trubachev. Sov shakht. 11 no. 4:6 Ap '62.

People talk, advise and criticize P. Nekaev and others Sov profsoiuzy 18 no 4 26-27 F '62

Pichugin, N.N [Trade-union work at a construction site] Profsoiuznaia rabota na stroike [Moskva] Izd-vo VTsSPS Profizdat, 1961. 70 p. (NjP)

Program of trade-union activities in defense of workers' interests and rights at the present-day stage Vsem. prof dvizh no 2:3-23 F '62

Rodionova, E.I. [Essays on the history of the trade-union movement among medical workers] Ocherki istorii professional'nogo dvizhenila meditsinskikh rabotnikov. Moskva, Medgiz, 1962. 247 p.

[Trade union of agriculture workers; concise historical study] Profsoiuz rabochikh sel'skogo khoziaistva, kratkii istoricheskii ocherk [Moskva] Izd-vo VTsSPS Profizdat, 1961. 245 p.

Use the people's funds in a businesslike manner V Borisov Sov profsoiuzy 18 no 6 22-23 Mr '62

Vavilkin, V.M. [How to prepare for and conduct a trade-union meeting] Kak podgotovit' i provesti profsoiuznoe sobranie. 2., pererab. izd. [Moskva] Izd-vo VTsSPS Profizdat, 1961. 61 p. (Bibliotechka profsoiuznogo aktivista)

Work in the Lenin way. Sov. profsoiuzy 18 no. 7 2-3 Ap '62.

"The World Federation of Trade Unions in the service of the workers of the entire world" by L. Satian Reviewed by V. G. Chumachenko. Vop ist no. 4:175-178 Ap '62.

TRADE UNIONS—CONGRESSES

Congress open to the whole world Vsem. prof. dvizh. no 2:1-2,4 F '62

Decisions of the congress call for action Norman Jeffry Sov profsoiuzy 18 no 3 30 F '62

Fifth World Congress of Trade Unions. L. P. Kirikunova. Razved i okh nedr. 28 no 2 52-54 F '62.

I took part in the constituent congress of the World Federation of Trade Unions Roy Stanley. Vsem. prof. dvizh. no 2:32 F '62.

In the anticipation of the Second International Conference of the Workers of the Textile, Clothing, Leather, Shoe and Fur Industries Jaroslav Mewald. Vsem. prof. dvizh no. 3:14-16 Mr '62.

In the Central Committee of the Trade Union of Prospecting Workers. A. I. Smirnov. Razved. i okh. nedr 28 no. 1:59-61 Ja '62.

International Forum of Proletarian Solidarity. IA. Brodskii Metallurg 7 no. 2:2 of cover, 36-37, 3 of cover F '62

March 8th, day of women workers. Vsem. prof. dvizh no. 3:1-2 Mr '62.

Meeting of Soviet geologists with leaders of foreign mining trade unions participating in the 5th World Congress of Trade Unions N. F. Kuprianenko Razved. i okh. nedr. 28 no 2 61-62 F '62.

United action of department store employees. Domenico Banchieri. Vsem. prof. dvizh no. 3:47-48 Mr '62.

TRADEMARKS

Trade-mark on metal L. Sukhareva Izobr. i rats. no 2 37 F '62.

TRAFFIC SIGNS AND SIGNALS

Pushkarenko, V. I. [Traffic signs and signals] Dorozhnye signal'nye znaki i ukazateli. [Krasnodar] Krasnodarskoe knizhnoe izd-vo, 1961. 146 p.

Traffic signs and the training and practice of drivers. R Getmanov. Za rul. 20 no. 3 24-25 Mr '62.

TRAGIC, THE

Problems of tragedy and our times. E. Starinkevich. Vop. lit. 6 no. 2 70-93 F '62.

TRAJECTORIES

Phase trajectories of systems with optimum operating speeds in relation to given regions in the phase plane A. B Savvin Izv AN SSSR Otd tekh nauk Energ i avtom no 1 126-132 Ja-F '62

TRAKAI—DESCRIPTION

Medonis, Ar. [Trakai. Translated from the Lithuanian] Trakai. Vil'nius, Gos izd-vo polit. i nauchn lit-ry Litovskoi SSR, 1961. 62 p.

TRANQUILIZING DRUGS

Effect of aminazine and reserpine treatment on some indices of oxidative processes in schizophrenics [with summary in English]. V. M. Vashetko Fiziol. zhur. [Ukr.] 7 no. 6:775-783 N-D '61.

TRANS-ILI ALA-TAU—FUNGI, PHYTOPATHOGENIC

Fungi of the Trans-Ili Ala-Tau. B. K. Kalymbetov Vest. AN Kazakh. SSR 18 no. 3:46-53 Mr '62

TRANS-ILI ALA-TAU—PERONOSPORALES

New Peronosporaceae of the Trans-Ili Alatau. B. Kalymbetov. Trudy Inst. bot. AN Kazakh. SSR 11 203-209 '61.

TRANSAMINASES

Comparative study of the activity of transaminases in malignant tumors [with summary in English]. T. T. Berezov. Vop. med. khim. 7 no. 4 117-125 Jl-Ag '61.

Depression of the activity of glutamic-pyruvic aminophersase with DL-cycloserine and other compounds [with summary in English] E. D. Vyshepan, K. I. Ivanova, A. M Chernukh. Biul eksp. biol i med 52 no 7:76-80 Jl '61

Diagnostic value of determining the transaminase activity in Botkin's disease in children V. I. Osipova Pediatriia no 2:56-60 '62

Effect of insulin and electroconvulsive seizure on the aminopherase activity of the blood serum in schizophrenic patients [with summary in English]. L I Lando Vop med khim 7 no 6 598-604 N-D '61.

Relation between transaminase and bacterial antihyaluronidase in the blood serum in mitral stenosis of rheumatic origin [with summary in English]. A N Bakulev, E. P. Stepanian. Grud. khir. 2 no. 1:15-20 Ja-F '60

Significance of transaminase activity in blood serum for the differential diagnosis of parenchymatous and obstructive jaundice [with summary in English] G M Lerer, E K IUzefovich. Vrach. delo no 2 37-40 F '62

TRANSBAIKALIA—BOTANY, MEDICAL

Preliminary chemical evaluation of Transbaikalian plants used in Tibetan medicine V. B. Kuvaev, K. F. Blinova Trudy Len khim.-farm inst 12 213-262 '61.

Preliminary investigation of plants used in Oriental prescriptions for cardiovascular diseases V N. Karpovich. Trudy Len. khim.-farm. inst. 12 195-200 '61

Qualitative chemical investigation of some Transbaikalian plants used in Tibetan medicine Report No. 1 K. F. Blinova, K. L. Stukkei Trudy Len khim.-farm. inst. 12 135-155 '61.

Qualitative investigation of some Transbaikalian plants with regard to their flavonoid content. M N Bobrova Trudy Len. khim.-farm. inst. 12 157-163 '61

Use of Transbaikalian plants in Tibetan medicine. A. P. Guseva. Trudy Len khim.-farm inst. 12:363-366 '61.

TRANSBAIKALIA—CABBAGE

Diurnal variations in the photosynthesis of tomatoes and cabbage in Transbaikalia M V Efimov, K A. Shuin Trudy BKNII no. 4 195-202 '60.

TRANSBAIKALIA—CHILDREN—GROWTH

Physical development of children in eastern Transbaikalia [with summary in English]. V. V. Kalibernyi. Vop. okh. mat. i det. 7 no. 2:80-84 F '62.

TRANSBAIKALIA—FLUORITE

Some genetic features of fluorite mineralization in western Transbaikalia. V. N. Gusel'nikov. Izv vys ucheb zav., geol. i razv. 5 no. 2. 28-31 F '62.

TRANSBAIKALIA—GALLIUM

Gallium in the oxidation zone of some polymetallic deposits of eastern Transbaikalia. M. F. Kulikova. Dokl. AN SSSR 143 no. 2:423-426 Mr '62.

TRANSBAIKALIA—ORES—ANALYSIS

Using correlation analysis in solving some geochemical problems as revealed by the study of a molybdenum deposit in eastern Transbaikalia. V. A. Goganov, A. M. Kropachev. Geokhimiia no. 2:184-186 '62.

TRANSBAIKALIA—TOMATOES

Diurnal variations in the photosynthesis of tomatoes and cabbage in Transbaikalia M V Efimov, K A Shuin Trudy BKNII no 4 195-202 '60

TRANSBAIKALIA—TRACE ELEMENTS

Behavior of trace elements in the oxidation zone of complex metal deposits in eastern Transbaikalia [with summary in English] M. F. Kulikova Geokhimiia no 2 154-163 '62.

TRANSCARPATHIA—ARCHITECTURE

Sova, P. P. [Architectural monuments of Transcarpathia] Arkhitekturnye pamiatniki Zakarpat'ia. Uzhgorod, Zakarpatskoe obl. knizhno-gazetnoe izd-vo, 1961. 44 p. illus.

TRANSCARPATHIA—MILK—COSTS

Hidden potentialities for reducing milk costs on collective farms of Transcarpathian Province R Zarits'ka Ekon. Rad. Ukr no. 1 84-88 Ja-F '62.

TRANSCARPATHIA—MONASTERIES

The past won't come back V. Lendiel. Volov. ateist no 11, 29-30 N '61

TRANSCARPATHIA—PEASANT UPRISINGS

Hrabovets'kyi, V. V. [The peasant unrest in Trascarpthia in the second half of the 17th and the first half of the 18th century] Selians'kyi rukh na Prikarpatti v druhii polovyni XVII-persh. polovyni XVIII st Kyiv, Vyd-vo Akad. nauk URSR, 1962. 209 p.

TRANSCARPATHIA—PLANTS—FROST RESISTANCE

Recurrence of hazardous winter minimum air temperatures with an isogram covering areas of the cultivation of tea and other subtropical crops in Azerbaijan, piedmont zones of Northern Caucasus, and Transcarpathia. G.G. Meladze Subtrop kul't. no. 1 122-124 '61

TRANSCAUCASIA—ALBEDO

Albedo of some cultivated plants and other natural surfaces IA A TSutsiridze Trudy Tbil NIGMI no 8 34-41 '61

TRANSCAUCASIA—ANTIQUITIES

Ancient site of man in the U S S R. and Quaternary paleogeography V P Liubin, A D Kolbutov Trudy Kom chetv per no 26 71-88 '61.

TRANSCAUCASIA—AVALANCHES

Occurrence of snow avalanches in the mountains of Transcaucasia Trudy Tbil NIGMI no 9 105-108 '61

TRANSCAUCASIA—CYPRINODONTES, FOSSIL

Cyprinodontidae in Triassic sediments of Transcaucasia. V. V. Bogachev. Izv. AN Arm. SSR, Geol. i geog nauki 15 no. 1 17-31 '62.

TRANSCAUCASIA—ELECTRIC LINES—OVERHEAD

Solid deposits on electric transmission and communication lines in Transcaucasia V. M. Gigineishvili. Trudy Tbil. NIGMI no 8 21-33 '61.

TRANSCAUCASIA—FLOOD FORECASTING

Methods of estimating the effect of the snow cover on the regimen of Transcaucasian rivers in hydrological forecasts. V. F. Poklepa. Trudy Tbil NIGMI no 9 79-85 '61.

TRANSCAUCASIA—ICE

Solid deposits on electric transmission and communication lines in Transcaucasia V. M. Gigineishvili Trudy Tbil NIGMI no 8 21-33 '61

TRANSCAUCASIA—PALEOGEOGRAPHY

Ancient site of man in the U S S R. and Quaternary paleogeography V P Liubin, A. D Kolbutov Trudy Kom chetv. per no 26-74-88 '61

TRANSCAUCASIA—RAIN AND RAINFALL

Synoptic aerological conditions producing showers in Transcaucasia and the development of methods for their prediction S. U. Gunila, F. T. Kharchilava Trudy Tbil NIGMI no 8 10-20 '61

TRANSCAUCASIA—RUNOFF

Mean runoff of Transcaucasian rivers and the effect of physicogeographical factors on it G N Khmaladze. Trudy Tbil NIGMI no. 8 42-62 '61

TRANSCAUCASIA—SNOW

Characteristics of the distribution of water in the snow of the Transcaucasian mountains. G. N. Khmaladze. Trudy Tbil. NIGMI no. 9.64-78 '61.

TRANSDUCERS

Bogomolov, V. N. [Devices using Hall transducers and magnetoresistance transducers] Ustroistva s datchikami Kholla i datchikami magnitosoprotivleniia. Moskva, Gos. energ. izd-vo, 1961. 167 p. (Biblioteka po avtomatike, no. 42)

Use of photoelectric and ohmic transducers for simultaneous measurement of torque. N. N. Luchinskii. Trudy VIM 28:108-126 '60.

TRANSDUCTORS see Magnetic amplifiers

TRANSFORMATIONS (MATHEMATICS)

Classical groups Spectral analysis of finite-dimensional representations D P Zhelobenko Usp mat nauk 17 no 1 27-120 Ja-F '62

Inverse problem of dispersion for equations with singularities V F Korop Sib mat zhur 2 no 5 672-693 S-O '61

Self-adjoint extension of commutative symmetric operators R S Ismagilov Usp mat nauk 17 no 1 177-181 Ja-F '62

TRANSFORMATIONS, FOURIER see Fourier Transformations

TRANSFORMERS, ELECTRIC see Electric transformers

TRANSISTOR AMPLIFIERS

Relay-type transistor amplifier with parallel feedback [with summary in English]. R. A. Lipman. Avtom. i telem. 23 no. 3 371-382 Mr '62

Telephone apparatus with transistor amplifiers N V Bespalov, I S Malkis Avtom. telem i sviaz' 6 no 2 25-26 F '62

Transistorized IF amplifier. A. IUr'ev, V Mitonov Radio no 3 43-44 Mr '62

TRANSISTOR CIRCUITS

Calculation and design of pulse transformers for operation in transistor circuits O S Poturaev Vych tekh no 2 21-39 '61

Transistor current regulator for electromagnets B F Anufriev and others Prib i tekh eksp 7 no 1 129-131 Ja-F '62

TRANSISTORS

Bogomolov, V. N. [Devices using Hall transducers and magnetoresistance transducers] Ustroistva s datchikami Kholla i datchikami magnitosoprotivleniia. Moskva, Gos energ. izd-vo, 1961 167 p. (Biblioteka po avtomatike, no. 42)

Problem concerning the inertness of p-n diodes with forward biased junctions and high current densities L. I Baranov Radiotekh. i elektron 7 no 4 693-701 Ap '62

Work with transistors A M. Pogodin, I I Ebel' Avtom. telem i sviaz' 6 no 1 26-27 Ja '62

TRANSISTORS—TESTING

Elatomtsev, V. I [Universal measuring device with a transistor and electron-tube tester] Universal'nyi izmeritel'nyi pribor s ispytatelem radiolamp i tranzistorov. Moskva, Gos energ. izd-vo, 1961. 39 p (Massovaia radiobiblioteka, no. 410)

Testing of transistors by means of ohmmeters of milliammeters I L Ebel' Avtom. telem i sviaz' 6 no 2 26-27 F '62

TRANSITION METAL COMPOUNDS

Nature of chemical bond in carbonyls and nitrosyls of transition metals E M Shustorovich Zhur struk khim 3 no 1 103-105 Ja-F '62

TRANSONIC AERODYNAMICS see Aerodynamics, Transonic

TRANSPORTATION

(see also subdivision under Russia, Northern)

Kibal'chich, O. A. [Ways of expansion and improvement of passenger travel in Soviet transportation] Puti razvitila i uluchshenila passazhirskikh perevozok na transporte SSSR. Moskva, Izd-vo ekon. lit-ry, 1962. 73 p. (Ekonomicheskoe sammobrazovanie)

Methodical basis for the distribution of transportation in the integrated transportation system of the U. S. S. R. I. Solov'ev Rech transp 21 no 2:4-7 F '62

Research on the development of transportation in the U S S. R. A V. Gorinov Izv. AN SSSR Otd tekh nauk Energ i avtom no 1 16-23 Ja-F '62

Transportation today and tomorrow. Sov. profsoiuzy 18 no. 7:10-11 Ap '62.

TRANSPORTATION—ABSTRACTS

[Industrial transportation] Ref. zhur. Prom. transp. nos. 1-3 Ja-Mr '62.

TRANSPORTATION, AUTOMOTIVE

Supplementing regulations for assigning automotive transportation and highway construction enterprises and organizations to the managerial, engineering and technical wage groups Biul. Gos kom. po vop. truda i zar. platy no. 2 3 '62.

[Translations of foreign periodical literature on problems of automotive transportation] Shor. perev mat. iz inostr period. lit. po vop. avt. transp nos 7-9 '61

TRANSPORTATION, AUTOMOTIVE—ABSTRACTS

[Automotive and city transportation] Ref. zhur. Avt. i gor. transp. nos. 1-3 Ja-Mr '62.

TRANSPORTATION, AUTOMOTIVE—FINANCE

Firsov, V. K. [Fixed assets and working capital of an automotive transportation enterprise] Osnovnye i oborotnye fondy avtotransportnogo predpriiatila. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1962. 31 p. (Bibliotechka po ekonomike avtomobil'nogo transporta)

TRAUMATISM

Care of patients with traumata A. P. Skobiin Med. sestra 21 no 1,20-36 Ja '62

Nature of central inhibition in mechanical trauma [with summary in English] V R. Manukian, P V. Simonov Pat fiziol i eksp terap 6 no 1:43-49 Ja-F '62.

Prevention of minor wounds N. S. Achkasov Med sestra 21 no 1 47-48 Ja '62

TRAVEL IN LITERATURE

"Unavoidability of a strange world" by D Danin, "Traveling into a strange life" by V Safonov Reviewed by I. Inozemtsev V mire knig 2 no 3 15-16 Mr '62

TRAVELERS, ARABIAN

Sinbad and Ahmad ibn Mādjid. T. A. Shumovskii. Strany i nar. Vost. no. 2 160-168 '61

TRAVELERS, RUSSIAN see subdivision under Kirghizistan

TRAVELING-WAVE TUBES

Sovetov, N. M. [Circuit for the engineering design of a backward-wave tube using a helix] Skhema inzhenernogo rascheta lampy obratnoi volny na spirali. Moskva, Izd-vo "Sovetskoe radio," 1961. 51 p.

TRAVERSES (SURVEYING)

Improving the construction of the main geodetic base in cities S N Marchenko Geod i kart no 2 22-30 F '62

TRAVERTINE see subdivision under Caucasus

TRAWLS AND TRAWLING

(see also subdivision under Barents Sea, Denmark)

Shock absorbers of the trawl. S. L. Fridman. Ryb. khoz 37 no 10 42-45 '61

Slip forms of a trawler trawling from the stern and calculation of their basic elements. S L. Fridman Ryb. khoz 37 no 11 48-53 '61

TREE FELLING

Felling trees with the extraction of roots at the Boyarka Forest Station I. M Zima, V S Kurilo Les khoz. 15 no. 1:26-28 Ja '62

TREE PLANTING

Soil water balance for urban tree planting. L. A. Krot and others. Biul. Inst. biol AN BSSR no 6:72-76 '61

Some characteristics of the growth of trees in cities and the question of cultivation practices. L. O. Mashinskii. Trudy TsSBS no. 3:33-40 '60

TREES

"Structure and life of our forest trees" by M Busgen Les khoz 15 no 3 92-93 Mr '62.

TREES—DISEASES AND PESTS

(see also subdivision under Novosibirsk)

Plant nematodes of forest plantations in Gorkiy Province K. A L'vova Uch. zap GGPI no. 27:160-169 '60.

TREES, FOSSIL see subdivision under Chelyabinsk region

TREMATODA

(see also subdivision under Kamchatka, Kura Lowland; Ukraine)

New forms of trematodes in birds. V. K. Makarenko. Uch zap GGPI no 27:183-190 '60.

Observations on the regeneration in flukes. O. K. Trinkler Uch zap GGPI no. 27:177-182 '60.

Teratology of trematodes [with summary in English]. V. N. Alekseev, S. M. Lopukhova. Zool zhur. 41 no. 3 453-454 Mr '62.

TRIAL PRACTICE

Legal proceeding in the courts of first instance. V. K. Puchinskii. Sov gos. i pravo 32 no. 3 44-55 Mr '62

TRIALS (POLITICAL CRIMES AND OFFENSES) see subdivision under Leipzig

TRIANGULATION

Adjusting the increase of coordinates in linear triangulation by the method of conditional equations IU. A Gordeev Izv vys ucheb zav , geod i aerof no 6 3-21 '61

Adjustment of an isolated triangle with six measured elements and the intersection of two given lines at known angles by the method of conditional equations M. N. Ivanov, V A Polevoi Izv vys ucheb. zav , geod i aerof. no 6 27-32 '61

Determining the closure error for plumb bobs by an experimental method. I. A. Kuznetsov, N. A. Krlakunov. Sbor. nauch. trud. Kaz GMI no. 19:71-78 '60.

Improvement in the insertion of a point in a triangle I. T. Polynskii, S. Temirgaliev, E. P. Mastitskii. Sbor. nauch. trud. Kaz GMI no. 19:40-46 '60.

Measurement of horizontal angles in second-order triangulation P A. Gaidaev Izv vys ucheb zav , geod i aerof no 6 23-25 '61

Multigroup adjustment of triangulation systems with observed directions by the method of conditioned observations. L F. Dilachenko Izv. vys. ucheb zav , geod. i aerof no 5 3-19 '61.

TRIANGULATION SIGNAL TOWERS

Shishkin, V. N. [Construction of geodetic signals] Postroika geodezicheskikh znakov. Izd. 2. Moskva, Izd-vo geodez. lit-ry, 1961. 197 p.

Shishkin, V. N. [Manual on the construction of geodetic signals] Rukovodstvo po postroike geodezicheskikh znakov. Izd 3 , dop Moskva, Izd-vo geodez. lit-ry, 1961 317 p.

Using masts to hoist targets in the construction of geodetic signals M I Korolochkin Izv vys ucheb zav , geod i aerof no 6 59-62 '61

TRIAZENE

Rearrangements of triazenes Part 3 Rearrangement of aromatic compounds with a fixed triazene system V M Berezovskii, L S Tul'chinskaia Zhur. obs. khim 32 no. 3 853-857 Mr '62

TRICHOMONIASIS

Characteristics of the microscopic diagnosis of genitourinary trichomoniasis in men I. I. IPin Vest. dermat i ven no 3,63-67 '62

Posttrichomonal urethritis N S. Liakhovitskii Sov med 25 no 2 91-94 F '62

TRIGONOMETRICAL FUNCTIONS

Determining the trigonometric functions with the help of functional equations M. IA. TSyrkin. Mat prosv no 6 245-251 '61

TRIMETHYLAMINE

Rate of water exchange in marine bony fishes. B. B Vartapetian. Dokl. AN SSSR 143 no 1:721-723 Mr '62

TRINIDAD—INDIANS

Indians of Trinidad Island. A D. Dridzo. Strany i nar. Vost. no. 2 89-102 '61.

TRIOCTYLAMINE

Extraction of certain strong monobasic acids with trioctylamine. O. I. Zakharov-Nartsissov, A. V Ochkin Zhur neorg. khim. 7 no 3 665-670 Mr '62

TRITERPENES

Triterpene saponins Part 2: Saponins from Gypsophila pacifica roots A IA. Khorlin, IU S Ovodov, N K Kochetkov Zhur. ob khim 32 no 3,782-791 Mr '62

TRITONS (TRITIUM IONS)

Photonuclear reactions with emission of deuterons and tritons at energies below 15 Mev. [with summary in English]. IU. M. Volkov, L. A. Kul'chitskii Zhur. eksp. i teor. fiz. 42 no 1:108-114 Ja '62

TROLLEY BUSES

Popov, V. A., and others. [Operation, maintenance, and repair of trolley bus rolling stock] Ekspluatatsiia i remont podvizhnogo sostava trolleibusa. Pod obshchei red. V. A. Popova. Moskva, Izd-vo M-va kommun. kh-va RSFSR, 1961. 471 p.

TROPICAL PLANTS see subdivision under Crimea

TROSNA DISTRICT—AGRICULTURE

We should love our farms. N. Sikulina. Mol. kolkh no. 4:70-72 Ap '62.

TROUT see subdivision under Sevan, Lake

TRUCK DRIVERS

Wages of motortruck drivers. T. Komarova. Sel' mekh no. 3:24-25 '62.

TRUSHKINA, ANNA FEOKTISTOVNA, 1900-

Anna Feoktistovna Trushkina. Med. sestra 21 no 1 59 Ja '62

TRUSSES

Bearing capacity of bolt-fastened support trusses for electric lines. V. I. Trofimov. Trudy TsNIISK no. 4 63-96 '61

Evaluating the reduction of the bearing capacity of steel trusses on the account of curving of separate rods. V. I. Trofimov. Trudy TsNIISK no. 7 186-196 '61

TRUSTS, INDUSTRIAL

International cartels in the airplane industry. I. I Ivanikov. Mir. ekon. i mezhdunar. otn. no 4:110-113 Ap '62.

TRYPSIN

Inhibiting action of glycerin on plasmin and trypsin [with summary in English]. N. D. Plotnikova. Vop. med. khim 7 no. 4:381-384 Jl-Ag '61.

TRYPTOPHAN

Distribution and accumulation of protein tryptophan in the embryonic tissues of amphibians and mammals [with summary in English]. I. L. IUshkevich, B. V. Kedrovskii. Izv. AN SSSR. Ser. biol. 27 no. 1,96-101 Ja-F '62.

TSARSKOYE SELO see Pushkin

TSELINNYY KRAY see Virgin Territory

TSELINOGRAD—APARTMENT HOUSES

Contributions of housing construction workers to the virgin land. Strol. i arkhit. Len. 23 no. 11-32 N '61.

TSELINOGRAD—TRADE UNIONS

What it means to count K. Shubnikov. Sov profsoiuzy 18 no 5 4-6 Mr '62.

TSELINOGRAD PROVINCE—FORESTS AND FORESTRY

Unprecedented windfall. A.P.Romanov Priroda 51 no.3:74-75 Mr '62.

TSELINOGRAD PROVINCE—STATE FARMS

What it means to count K. Shubnikov Sov profsoiuzy 18 no 5 4-6 Mr '62

TSELINOGRAD PROVINCE—STORMS

Unprecedented windfall. A.P.Romanov. Priroda 51 no.3:74-75 Mr '62.

TSEYA GLACIER

Studying the glaciers of the Caucasus Kh IA Zakiev Trudy Tbil NIGMI no 9 190-192 '61

TSEYA GLACIER—ATMOSPHERIC TEMPERATURE

Some characteristics of temperature distribution in the layer of air immediately above the glacier Kh IA. Zakiev. Trudy Tbil NIGMI no 9 136-138 '61.

TSEYA GLACIER—SNOW LINE

Snow line in the mountains. Kh IA Zakiev. Trudy Tbil NIGMI no 9 15-17 '61.

TSIMLYANSK HYDROELECTRIC POWER STATION—LOCKS (HYDRAULIC ENGINEERING)—MAINTENANCE AND REPAIR

Functioning of the vertical keys in the structures of the Tsimlyansk hydroelectric development. V. M. Palumbo, S. A. Kalkova, L. G. Dubinin. Gidr. stroi. 32 no. 1, 25-26 Ja '62.

TSIMLYANSK RESERVOIR—TEMPERATURE

Heat balance of Tsimlyansk Reservoir I S Shpak Sbor rab Tsim. gidromet. obser. no. 2 27-35 '61.

TSIMLYANSK RESERVOIR REGION—ATMOSPHERIC TEMPERATURE

Effect of Tsimlyansk Reservoir on the temperature and humidity of the air. S.S Golubinskii Sbor. nauch.-issl. rab. Azovo-Chernomor. gos. sel'khoz. inst. 18 35-39 '60.

TSIMLYANSK RESERVOIR REGION—HUMIDITY

Effect of Tsimlyansk Reservoir on the temperature and humidity of the air. S.S.Golubinskii. Sbor. nauch.-issl. rab. Azovo-Chernomor. sel'khoz. inst 18 35-39 '60

TSIMLYANSK RESERVOIR REGION—WINDS

Wind regimen in the region of Tsimlyansk Reservoir V N. Tervinskii Sbor rab Tsim gidromet obser no 2 5-15 '61

TSIOLKOVSKII, KONSTANTIN EDUARDOVICH, 1857-1935

Gift of foresight. V. Semenov. Av. i kosm. 14 no 3 6-8 '62.

Our road toward the stars. A. Erokhin Mol. komm no. 4:32-38 Ap '62.

TSKHALTUBO REGION—WINDS

Effect of easterly winds on changes in the natural ionization of the air and the condition of patients at the Tskhaltubo Health Resort. L. A. Sergeev. Trudy Len.-obva est. 72 no. 1:118-121 '61

TSVETKOV, MIKHAIL ALEKSEEVICH, 1875-1960

M. A. TSvetkov, 1875-1960; obituary P. I. Malov. Vop. geog. no. 54 172-173 '61.

TSVETKOV-ROZANOV, ALEKSANDR IVANOVICH, 1892-

This is what Communists are like M. Solomonov. Sots. obesp. 23 no. 3:49 Mr '62.

TUBERCULIN

Dynamics of skin tuberculin sensitivity in the antibacterial treatment of tuberculosis in the clinic and in an experiment [with summary in English]. E. Z. Mirzoian, A. A. Kaminskaia Sov med 25 no. 2 85-90 F '62.

TUBERCULIN—TESTING

Use of venous stasis "under the tourniquet" for evaluating tuberculin tests P. L. Vinnikov Kaz. med zhur. no. 5:12-17 S-O '61.

TUBERCULOSIS

(see also subdivision under Yakutia)

Case of preserved pregnancy in a patient with pulmonary and meningeal tuberculosis A. I. Marchuk, G. N Marushchak. Zdrav Kazakh. 22 no. 1 75-77 '62.

Case of tuberculosis with multiple localizations in an infant. E. B. Brium, I. V. Znamenskaia. Vest rent i rad. 37 no. 1:66-67 Ja-F '62.

Characteristics of the form and course of pulmonary tuberculosis (according to autopsic data). Z. K. Chkhaidze. Soob. AN Gruz. SSR 27 no 3:369-376 S '61

Dynamics of skin tuberculin sensitivity in the antibacterial treatment of tuberculosis in the clinic and in an experiment [with summary in English] F. Z. Mirzoian, A. A. Kaminskaia. Sov. med 25 no 2:85-90 F '62

Extrapericostal pneumolysis with lucite balls in the surgical treatment of pulmonary tuberculosis [with summary in English]. N. V. Antelava, T. G. Gogotishvili. Grud. khir 1 no. 4:50-56 Jl-Ag '59.

Gamperis, Jurgis. [Tuberculosis is curable] Tuberkuliozė - išgydoma. Vilnius, Valstybinė politinės ir mokslinės literatūros leidykla, 1961. 19 p. [In Lithuanian]
(DNLM)

One of the causes of pseudocavern formation N. A. Vasil'ev Vest rent i rad 37 no 1,56-57 Ja-F '62

Out-of-town seminar on tuberculosis T Komar, A Zubets. Zdrav. Bel 8 no.1 71 Ja '62

Possible role of ribonucleic acid in the mechanism of antituberculosis resistance Report No 2 Ribonucleic acid and ribonuclease activity in the organs of mice infected with tuberculosis and immunized with BCG vaccine [with summary in English] E. B Lishnevskaia Biul eksp biol. i med 52 no 11 88-91 N '61

Some new organizational patterns and methods of tuberculosis control in the R. S. F. S. R. N. S Al'tshuler Zdrav Ros Feder 6 no 2 13-17 F '62

Thoracoplasty with pneumolysis and fixation of the apex in tuberculosis [with summary in English] IA V Kakitelashvili. Grud. khir. 2 no 3:59-55 My-Je '60

Tracheobronchoscopic examination of patients with pulmonary tuberculosis M V. Shesterina Kaz med zhur no 5,17-20 S-O '61

Use of the UKL-60 apparatus in pulmonary resections in tuberculosis. S B Sokolov Grud khir 3 no 6,91-91 N-D '61

TUBERCULOSIS—HOSPITALS AND SANATORIUMS

Prevention of colds in the "Amurskii" Children's Tuberculosis Sanatorium N A Golodintseva Med sestra 21 no 3 38-39 Mr '62

TUBERCULOSIS—PREVENTION

Kornblium, O. I. [Tuberculosis and its prevention. Translated by A. Vitolins] Tuberkuloze un tas profilakse. Riga, Latvijas valsts izdevniecība, 1961. 27 p. (Veselības bibliotēka) [In Latvian]
(DNLM)

TUBERCULOSIS—STATISTICS

Dynamics of the tuberculous process in patients in the third group of the dispensary classification T. IA Il'ina. Zdrav. Kazakh 22 no 1 26-29 '62

TUBERCULOSIS IN POULTRY see subdivision under Latvia

TUBES

Designing the process of pressure cladding of bimetal tubes. E. P. Unksov, L. G. Stepanskii. Kuz.-shtam. proizv. 4 no. 3, 3-8 Mr '62

New method of manufacturing finned tubes. N. S. Brusnichkin, K. N. Seferov Khim mash no 2 31-33 Mr-Ap '62.

TUGULYM DISTRICT—WOMEN IN PUBLIC LIFE

What happened to Deputy Chernenko? Sov. deput trud no. 3:93 Mr '62

TULA—BAKERS AND BAKERIES

On new frontiers. Khleb. i kond. prom. 6 no. 3 26-28 Mr '62.

TULA—GRAIN MILLING

The grain milling combine of Tula is an enterprise of communist labor. P Cherniaev. Muk.-elev. prom. 28 no. 2 11-13 F '62.

TULA—GUNSMITHING

Tula craftsmen. O. Knorring. Ogonek 40 no. 9, 6 F '62.

Tula gunsmiths. Sov. Soiuz no. 3:24 '62.

TULA BASIN—COAL MINES AND MINING

P. A. Lapshin brigade of communist labor A V. Chernyshev, A. A. Zhded. Shakht. stroi. 6 no. 3 24-25 Mr '62.

TULA PROVINCE—FARM MANAGEMENT

Shchadilov, A. I. [Structure of arable crop acreage] O strukture posevnykh ploshchadei. [Tula] Tul'skoe knizhnoe izd-vo, 1962. 22 p (Bibliotechka polevoda)
(DA)

TULA PROVINCE—PHYSICAL GEOGRAPHY

Principal difference in the natural conditions of the territory of Tula Province. K. V. Zvorykin. Vop geog. no. 54 41-57 '61.

TULAREMIA

Case of excessive reactivity to tularemia vaccination. E. A. Zykina Vrach. delo no 2 143-144 F '62

Duration of the immunity in guinea pigs vaccinated with a complex live vaccine against plague, tularemia, brucellosis and anthrax [with summary in English]. S. L Borod'ko, L. G. Samsonovich. Zhur. mikrobiol., epid. i immun 33 no. 2 25-28 F '62

Effect of antibiotics on the course of experimental tularemic infection in white mice exposed to the action of ionizing radiations [with summary in English]. M. M. Kirvel'. Zhur. mikrobiol., epid i immun 33 no 2: 98-102 F '62.

Epizootiological role of the increase in the number of small mouselike rodents during spring in the natural nidi of tularemia [with summary in English]. N. V. Shchepot'ev. Zool zhur. 41 no. 3 437-442 Mr '62.

Migrations of water voles Arvicola terrestris L. and their role in the formation of epizootics of tularemia [with summary in English]. V. A. Kraft. Zool. zhur. 40 no. 12,1883-1891 D '61

TULIP TREE

Expand the culture of tulip tree. O T Istratova Les khoz 15 no 3 27-28 Mr '62

TULIPS see subdivision under Soviet Central Asia

TUMORS

Growth and metastasis of transplanted tumors in rats following different methods of transplantation [with summary in English] N S. Kiseleva Pat. fiziol i eksp. terap 6 no 1 56-58 Ja-F '62

Immunity to tumors Vop. virus. 7 no. 1 122 Ja-F '62.

Inclusion of lysine-1-C^{14} into the proteins of transplanted tumors and into the organs of rats [with summary in English]. Pan' Ish-tsao (Pan Chi-tsao) Vop. med. khim 7 no 4 358-362 Jl-Ag '61

Influence of hibernation on the development of experimental tumors in susliks and gerbils [with summary in English] Z. IA. Belogrudova. Biul. eksp. biol i med 52 no. 7,96-98 Jl '61

Influence of some components of nucleic acids and of their precursors on the inclusion of glycine-1-C^{14} and tyrosine-1-C^{14} in proteins of normal and tumorous tissues [with summary in English] S IA. Davydova. Biul eksp. biol i med 52 no 7 56-61 Jl '61

Interaction of SE-polyoma virus with the cells of embryonic hamster tissue [with summary in English]. I.S. Ilin, L.A Zil'ber Vop. virus 7 no 1 22-27 Ja-F '62.

Multiple lipoma A N Velikoretskii Fel'd i akush 27 no 2 58 F '62

Specific antigen of human sarcomatous tumors [with summary in English] V S. Korosteleva Biul eksp biol i med 52 no 7:84-89 Jl '61

TUMORS—INNERVATION

Innervation of fibroadenomas of the human mammary gland. V. D. Dyshlovoi Med zhur Uzb no 1 28-31 Ja '62

TUMORS, PLANT

Plant tumors as possible models in theoretical and experimental oncology E I Slepian Trudy Len khim.-farm inst 12 345-349 '61

TUNA FISH

Mastering the fishing of tuna V. M. Kirillov. Ryb khoz. 37 no 11:42-45 '61.

TUNDRAS

Genesis of conical hills in the Arctic tundras N G Zagorskaia. Inform. biul NIIGA no 16 18-22 '59.

TUNGSTEN

Interaction of a molecular beam of BaO with the surface of heated W IU. G Ptushinskii, B. A Chuikov Radiotekh i elektron 7 no 4,687-692 Ap '62.

TUNGSTEN—METALLURGY

Investigating the processing of tungsten concentrates. G A Meerson and others Sbor. nauch trud. GINTSVETMET no 33:161-174 '60

TUNGSTEN—SPECTRA

Mossbauer effect on tungsten isotopes [with summary in English]. O. I. Sumbaev, A. I Smirnov, V S Zykov Zhur. eksp. i teor. fiz. 42 no 1:115-123 Ja '62.

TUNGSTEN BROMIDE

Distribution of molybdenum and tungsten in the system hydrobromic acid - organic solvent F. G. Zharovskii, A. G. Sakhno. Ukr. khim. zhur. 28 no 2 145-150 '62

TUNGSTEN-CHROMIUM-MOLYBDENUM ALLOYS see Chromium-tungsten-molybdenum alloys

TUNGSTEN ORES

(see also subdivision under Pendzhikent region)

Lugov, S. F. [Where and how to search for tungsten ores] Gde i kak iskat' vol'framovuiu rudu. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr SSSR, 1960. 28 p (Bibliotechka uchastnika geologicheskogo pokhoda)

TUNGUSIC LANGUAGES—VERB

Sunik, O. P. [The verb in the Tungusic-Manchu Languages, morphology and form of the verb] Glagol v tunguso-man'chzhurskikh iazykakh, morfologicheskaia struktura i sistema form glagol'nogo slova. Moskva, Izd-vo Akad. nauk SSSR, 1962. 383 p.

TUNGUSKA VALLEY, PODKAMENNAYA see Podkamennaya Tunguska Valley

TUNNELS see subdivision under Moscow

TURBINES

Calculation of the characteristics of radial turbine stages. A. N. Sherstiuk. Izv vys. ucheb zav. ;energ 5 no 2: 59-66 F '62

Problem concerning the origination of a break at the base of a turbine stage. A. A. Tereshkov. Izv vys ucheb zav ,energ 5 no. 2 50-58 F '62

TURBODRILLS

Mechanism of flushing a well in the area of the turbodrill spindle M.K.Seid-Rza, A.A.Movsumov, T.G. Faradzhev. Azerb. neft. khoz. 40 no.10 18-19 O '61.

TURBODRILLS (Continued)

Shumova, Z.I. [Practical guide on the operation of turbodrills] Prakticheskoe rukovodstvo po eksploatatsii turboburov Moskva, Gostoptekhizdat, 1962. 209 p.

TURBOGENERATORS

Causes of damage of the stator winding insulation of the VGS- $\frac{700}{100}$ -48 hydrogenerator Kh P Fernandes Elek sta 33 no 2 36-40 F '62.

Concerning a certain reserve for decreasing the mechanical losses in turbogenerator bearings P. L. Suris Elek sta 33 no 2 86-87 F '62

Effect of the lacquer coating on the heating of the rotor G S Degtl' Elek sta 33 no 1 81-82 Ja '62

TURBOGENERATORS—COOLING

Increase in the permissible load of turbogenerators with indirect hydrogen cooling of the windings during the change-over to operation with increased hydrogen pressure Elek sta 33 no 2 96 F '62.

TURBOGENERATORS—WINDINGS

Concerning the parameters of a turbogenerator having a special excitation winding G. A Kovalikov Izv AN SSSR Otd tekh nauk Energ. i avtom no 1 70-78 Ja-F '62

TURBOMACHINES

Epifanova, V. I. [Low-temperature radial turboexpanders] Nizkotemperaturnye radial'nye turbodetandery, Moskva, Mashgiz, 1961. 399 p. diagrs.

TURBULENCE

At the session of the Department of Technical Sciences of the Academy of Sciences of the Ukrainian S.S.R. D.I.Grinval'd. Meteor. i gidrol no.3:67 Mr '62.

Calculating the transition from a laminar boundary layer to a turbulent one caused by a turbulent incident flow [with summary in English] L. F. Kozlov. Inzh. -fiz. zhur. 5 no. 3:103-106 Mr '62.

Equations for turbulent motion of incompressible fluids. G.S Bashkirov. Gidrotekhnika no.1:46-52 '61.

Turbulent flow about a rotating cylinder. L. A. Dorfman. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no.1 172-173 Ja-F '62.

TURGAY GATES—ECONOMIC CONDITIONS

From the history of the economic development of Turgay. N T. Agafonov. Strany i nar. Vost. no. 2:114-129 '61.

TURGAY GATES—GEOLOGY, STRUCTURAL

Basic characteristics of the tectonics of the northern part of the Turgay trough V. P. Gorskii Inform. sbor. VSEGEI no. 16 13-22 '59.

TURGAY GATES—MAGNETITE

Results of geophysical and geological prospecting for magnetites in the Turgay Gates. V A. Bugaito, Z. IA. Segal', D. D Toporkov Izv AN Kazakh SSR Ser geol. no 4.3-18 '61

TURGAY GATES—SEISMIC PROSPECTING

Results of verifying the interpretation of gravity anomalies in seismic prospecting by the refraction correlation method in the southern part of the Turgay Gates B A Kulubekov. Izv AN Kazakh. SSr Ser. geol no. 4 81-83 '61

TURGENEV, IVAN SERGEEVICH, 1818-18 3

"Turgenev in Bulgaria during the second half of the 19th century" (in Bulgarian) by V. Velchav. Reviewed by Marita Gurgulova-Kostova. Vop. lit. 6 no.1:231-232 Ja '62.

TURKESTAN—PUBLIC HEALTH

Work of Russian female physicians in Turkestan. A. IA. Karasev. Med. zhur. Uzb. no 5:60-63 My '60

TURKESTAN—RELATIONS (GENERAL) WITH RUSSIA

"Influence of Russian culture on the cultural development of the peoples of Central Asia" by L. A. Perepelitsyna. Reviewed by K. Buranov. Komm. Uz. 34 no. 2:93-96 F '62.

TURKESTAN—WOMEN—RIGHTS OF WOMEN

History of the emancipation of women in Central Asia R. Kh Aminova. Ist SSSR 6 no 2 106-120 Mr-Ap '62

TURKESTAN RANGE—DIKES (GEOLOGY)

Dike belt in the northern slope of the Turkestan Range. N. S. Torshin. Inform. sbor. VSEGEI no. 46:95-102 '61.

TURKEY—FOREIGN RELATIONS

Turkish press on the foreign policy of their country. M. Vik. Nov. vrem. 20 no. 13-19 Mr '62.

TURKEY—LIBRARIES, NATIONAL

The National Library of Turkey. A. Kh. Rafikov. Trudy Bibl. AN SSSR 5:229-244 '61.

TURKEY—MEDICINE

Turkish medical manuscripts in the collection of the Institute of the Peoples of Asia of the Academy of Sciences of the U.S.S.R. L. V. Dmitrieva. Strany i nar. Vost. no. 2:251-257 '61.

TURKEY—POLITICS AND GOVERNMENT

Hanusets', O. I. [Turkish governmental system in the period of the Turkish Republic] Derzhavnyi ustrii Turechchyny v period respubliky. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 94 p.

TURKIC FOLKLORE see Folklore, Turkic

TURKISH LITERATURE—HISTORY AND CRITICISM

Some remarks about modern Turkish prose [with summary in English, p 227]. L. N Starostov. Nar Azii i Afr no. 1:100-125 '62

TURKMENISTAN—BARLEY

Hordeum lagunculiforme Bacht. and Hordeum spontaneum C Koch from the Turkmen S. S. R. F. Kh. Bakhteev, E. M. Darevskaia. Bot zhur. 47 no 2:267-272 F '62.

TURKMENISTAN—COURTS

Turkmen S. S. R. Laws, statutes, etc. [Statutes on elections to the district (city) people's courts of the Turkmen S. S. R. Adopted by decree of the Presidium of the Supreme Soviet of the Turkmen S. S. R., October 28, 1960] Polozhenie o vyborakh raionnykh (gorodskikh) narodnykh sudov Turkmenskoi SSR. Utverzhdeno Ukazom Prezidiuma Verkhovnogo Soveta Turkmenskoi SSR ot 28 oktiabria 1960 goda. Ashkhabad, Turkmenskoe Gos. izd-vo, 1960. 19 p.

TURKMENISTAN—FERULA

Pharmacognostic study of some Turkmenian Ferula species E V Shiktorova. Trudy Len. khim. -farm. inst 12 111-118 '61

TURKMENISTAN—FORAGE PLANTS

Problem of organizing a highly efficient feed supply in Turkmenistan V. V. Nikitin Izv AN Turk SSR. Ser biol nauk no 1 3-8 '62

TURKMENISTAN—GEOLOGY

Ali-Zade, A. A. [Akchagyl stage in Turkmenistan] Akchagyl Turkmenistana. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr Vol. 1. 1961. 299 p.

TURKMENISTAN—GEOLOGY, STRATIGRAPHIC

Prozorovskii, V. A., and others. [Neocomian in western Turkmenia] Neokom Zapadnoi Turkmenii. Leningrad, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry Leningr. otd-nie, 185 p. 20 plates. (Leningrad, Vsesoiuznyi geologicheskii institut. Trudy, vol. 51)

TURKMENISTAN—GEOLOGY, STRUCTURAL

Recent data on the deep geological structure of southeastern Turkmenistan K. K. Mashrykov, K. E. Fomenko. Izv. AN Turk SSR Ser. fiz. -tekh., khim. i geol. nauk no.6 46-53 '61.

TURKMENISTAN—INSURANCE, SOCIAL

Turkmenistan. Sots. obesp 23 no. 3 39-41 Mr '62.

TURKMENISTAN—PALYGORSKITE

Palygorskite from Paleogene deposits of southeastern Turkmenistan. E. A. Shabaeva. Dokl. AN SSSR 143 no no. 4 930-942 Ap '62.

TURKMENISTAN—PETROLEUM—ANALYSIS

Investigating the Kamyshlzha petroleum; well No 1. S F. Moiseikov, V. S Tolstenev, V. S. Dragunskaia. Izv. AN Turk SSR. Ser. fiz. -tekh., khim. i geol nauk no 6 112-115 '61.

TURKMENISTAN—RESEARCH

The 22d Congress of the CPSU and problems of science. S. R. Sergienko Izv. AN Turk. SSR. Ser. fiz. -tekh., khim. i geol. nauk no. 6 3-12 '61.

TURKMENISTAN—RUGS AND CARPETS

With Turkmenian women craftsman. IA. Sokolov. Mest. prom. i khud. promys. 3 no. 3 32-33 Mr '62.

TURKMENISTAN—TICKS

Haemaphysalis Warburtoni, a new form of tick found in Turkmenistan. E. B. Kerbabaev. Izv AN Turk SSR. Ser. biol nauk no. 1 77-80 '62.

TURKMENISTAN—WIND EROSION

Experimental investigation of the wind erosion of sands. P. N. Senkevich. Izv. AN Turk. SSR. Ser. biol. nauk no. 1: 21-30 '62.

Wind conditions and dynamics of the relief of shifting sands in Kotur-Tepe District, western Turkmenistan. S. Bairamov. Izv. AN Turk. SSR. Ser. biol. nauk no. 1: 31-41 '62.

TURKMENISTAN—WINTER

Climatic characteristics of November and December in Turkmenistan N. IA. Miagkov. Izv. AN Turk. SSR. Ser. biol. nauk no 1:88-94 '62

TURKS see subdivision under Soviet Central Asia

TURNER, GENRIKH IVANOVICH, 1858-1941

G. I. Turner on exhibit at and among the resources of the Military Medical Museum of the Ministry of Defense of the U.S.S.R. Biographical material. V. I. Selivanov. Ortop., travm. i protez. no. 2:78-81 '62.

TURNOVER (BUSINESS)

(see also subdivision under Irkutsk Province)

Kalinin, I. I. [Standardization of inventories and ways to accelerate the turnover of merchandise] Normirovanie tovarnykh zapasov i puti uskoreniia oborachivaemosti tovarov. Moskva, Gos. izd-vo torg lit-ry, 1962. 108 p.

TUROV, POLAND—COAL MINES AND MINING

Turov First and Turov Second IU Popkov Vokrug sveta no. 3, 10-12 Mr '62

TUROV, POLAND—ELECTRIC POWER PLANTS

Turov First and Turov Second IU. Popkov Vokrug sveta no 3 40-42 Mr '62.

TURPENTINE

New colorimetric method for the determination of turpentine vapors in the air. L. A. Zil'berg. Gig. truda i prof. zab. 4 no 11:57-58 N '60.

TURPENTINE OIL

Determination of pine oil in waste waters from ore dressing plants. IU. IU. Lur'e, V A Panova. Zav. lab. 28 no. 2,154-156 '62

TURPENTINING

Treinis, A. M. [Tapping trees] Podsochka lesa. Moskva, Goslesbumizdat, 1961. 356 p. (DA)

TURTLES

Comparative physiological analysis of complex conditioned reflex movements. Report No. 4: Conditioning under different motor reflexes in turtles K. A. Ioffanis Nauch dokl. vys. shkoly, biol nauki no. 1:60 '62

TUTAYEV REGION—PALEOBOTANY, STRATIGRAPHY

Interglacial sediments with fossil flora found near Tutayev on the Volga River [with summary in English] R. N. Gorlova and others. Biul. MOIP. Otd. biol 67 no. 1,59-82 Ja-F '62.

TUVA A.S.S.R.—BENTONITE

Modified bentonite rocks in the Devonian of the Tuva and Minusinsk Depressions G. N Brovkov, V. T. Frolova Dokl AN SSSR 143 no 4 943-946 Ap '62

TUVA A.S.S.R.—CRANE FLIES

Crane flies (Diptera, Tipulidae) of Tuva [with summary in English] E. N. Savchenko. Zool. zhur 40 no 12 1893-1896 D '61.

TUVA A.S.S.R.—ROCKS, IGNEOUS

Composition and age of the Baytayginskiy intrusive complex in northwestern Tuva. V. E. Kudriavtsev Inform. sbor VSEGEI no. 16:67-74 '59.

TYPHOID FEVER

Cause of the spring-summer elevation in the morbidity of typhoid-paratyphoid diseases [with summary in English]. E. P. Klimenko. Zhur. mikrobiol., epid. i immun. 33 no. 1 53-57 Ja '62.

Effect of antibiotic and prednisone treatment on the phagocytic activity of the leukocytes in typhoid fever [with summary in English]. A. F. Podlevskii. Antibiotiki 6 no. 11:1009-1012 N '61.

Epidemiology of typhoid fever [with summary in English] L. I. Kalitseva, L. V. Kolotilova, M. N. Blankovskaia Zhur. mikrobiol., epid. i immun. 33 no. 1 50-51 Ja '62.

Experimental reproduction of typhoid fever in guinea pigs and rabbits [with summary in English]. I. N. Morgunova, S. L. IAgud, IU. A. Barshtein. Zhur. mikrobiol., epid. i immun. 33 no. 1:40-45 Ja '62.

Phagocytic activity of the leucocytes in typhoid fever [with summary in English]. A. F. Podlevskii. Zhur. mikrobiol., epid. i immun. 33 no. 1,57-62 Ja '62.

Shapiro, S. E., and A. K. Piotrovich. [Antibiotic therapy with levomycetin and synthomycin in typhoid and paratyphoid fever] Antibiotikoterapiia levomitsetinom i sintomitsinom brliushnogo tifa i paratifov. Pod red. K. V. Bunina. Moskva, Medgiz, 1962. 103 p. (DNLM)

TYPHOID FEVER—PREVENTION

Study of the typhoid bacteria carrier state Report No. 1 Comparative study of four methods of detecting the typhoid bacteria carrier state. G. Kh Avdzhiev, N S Kozlova Zhur. mikrobiol., epid. i immun. 33 no. 2:109-115 F '62.

TYPHOID FEVER—PREVENTIVE INOCULATION

Immunological changes in children vaccinated with adsorbed alcoholic typhoid-paratyphoid B divaccine [with summary in English]. I. L. Kovalevskaia and others. Zhur. mikrobiol., epid. i immun. 33 no. 1:46-50 '62.

TYPHUS FEVER

Effect of internal irradiation on an experimental viral and rickettsial infection. Report No. 2: Effect of radioactive phosphorus on the course of experimental tick-borne exanthematous typhus of northern Asia in guinea pigs. G. A. Bektemirov. Vop. virus. 7 no. 1: 119-120 Ja-F '62.

TYUMEN' PROVINCE—GEOLOGICAL SURVEYS

Life will come. N. Muravina. Ogonek 40 no 14-21 Ap '62

TWAIN, MARK, pseud see Clemens, Samuel Langhorne, 1835-1910

TWIST DRILLS

Cast drills. L. Popov. Izobr. i rats. no. 2 22 F '62.

2,4-D

Effect of herbicides, chlorine derivatives of phenoxyacetic acid, on the formation of conditioned reflexes in white rats. A M. Shevchenko. Dokl AN BSSR 6 no 3 199-201 Mr '62.

TYPESETTING

Fridmanis, J. [My work practices in composing invitations, theater programs and playbills] Mana pieredze ielugumu, programmu un afisu salikuma veidosana. Riga, Latvijas Valsts izdevnieciba, 1961. 198 p. [In Latvian]

TYPEWRITERS

With the trade-mark "Moscow." V. Vinogradov Mest. prom. i khud. promys. 3 no. 3:9-11 Mr '62.

TYPEWRITING

Typewriting school. B I Berezin Nauka i zhizn' 29 no 2:74-78 F '62.

TYROSINE

Influence of some components of nucleic acids and of their precursors on the inclusion of glycine-1-C^{14} and tyrosine-1-C^{14} in proteins of normal and tumorous tissues [with summary in English] S IA. Davydova Biul. eksp. biol. i med. 52 no 7,58-61 Jl '61.

Oxidation of tyrosin in animal bodies and adaptive formation of enzymes participating in its metabolism S. IA. Kaplanskii, Van Chzhun-lun' [Wang Chung-yen] Vop. med. khim. 7 no 3 227-242 My-Je '61

Synthesis of dihaloid-substituted β-tyrosines. V P Mamaev, L. S. Sandakhchiev Izv. Sib. otd. AN SSSR no. 1:68-77 '62

UBINSKOYE, LAKE—BREAM

Morphological characteristics of bream acclimatized in Lake Ubinskoye. V. M. Volgin Vop ikht. 2 no 1 79-80 '62.

UCH-KURGAN HYDROELECTRIC POWER STATION

Current for factories and water for virgin lands. Uzbekistan 21 no 2,14b-14c F '62.

UDDER

Effect of the vacuum level on the motor function of the teat sphincter in a buffalo udder. M.G.Aliev. Izv.AN Azerb.SSR.Ser.biol.i med.nauk no. 11:115-115-127 '61.

UDDER—DISEASES

R'ins, A. I. [Diseases of the udder] Bolezni vymeni. Leningrad, Gos. izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 151 p.
(DA)

UFA—ALCOHOL

Chromatographic methods employed at the Ufa synthetic alcohol plant A. IA Kantor Zav lab 28 no. 2:250 '62.

UFA—PETROLEUM REFINERIES—SAFETY REGULATIONS

New organization of the operations of technical inspection in a plant. B. I. Mikorin. Bezop truda v prom. 6 no. 3:25-26 Mr '62

UFA—WASHING MACHINES

Life span is prolonged. S. Elistratov. Mest. prom. i khud. promys. 3 no. 3:11-12 Mr '62.

UIGURS see subdivision under China; Semirech'ye

UKRAINE—ADULT EDUCATION

Continuous district seminars: March 1962. Sots kul't no. 2,21 F '62.

UKRAINE—AGRICULTURAL EXHIBITIONS—GUIDEBOOKS

Kiev. Vystavka peredovogo dosvidu v narodnomu hospodarstvi Ukrains'koi RSR. [Guidebook to the Pavilion "Industrial crops and industries that process them."] Pavil'ion tekhnichni kul'tury i promyslovist' po ikh pererobtsi; putivnyk. Kiev, Derzh. vyd-vo sil's'kohospodars'koi lit-ry URSR, 1961. 38 p. (Peredovogo dosvidu v narodnomu hospodarstvi USSR)

UKRAINE—AGRICULTURAL GEOGRAPHY

"Agricultural zones of the Ukrainian S S. R." by I. F. Mukomel'. Reviewed by A. D. Kachanov. Rad. shk 40 no. 3:92 Mr '62.

"Agricultural zones of the Ukrainian S. S. R." by I. F. Mukomel'. Reviewed by M. M. Palamarchuk. Izv. AN SSSR. Ser. geog. no. 2:139-142 Mr-Ap '62.

UKRAINE—AGRICULTURE

Agricultural workers are facing new tasks. Komm. Ukr. 37 no. 3:3-10 F '62.

[Auxiliary branches in agricultural production] Pidsobni haluzi s.-h. vyrobnytstva. Kyiv, Derzh. vyd-vo sil's'kohospodars'koi lit-ry URSR, 1961. 471 p.
(DA)

For the further improvement of agriculture. B. Vol'tovs'kyi. Ekon. Rad. Ukr. no. 1 11-17 Ja-F '62.

Great meeting of rural toilers. Marklian Vynokurov. Ukraina no. 2:1-2 Ja '62.

[Happy season of planting, Kievan beacons] Shchasliyvyi zasiv, Kyivs'ki maiaki. [Kyiv] Kyivs'ke oblasne knyzhkogo-gazetne vyd-vo, 1961 86 p

Let's bring the experience of Shiyakhova to rural workers N. Onopchenko. Sots. kul't no 2 40-41 F '62.

Prospective development of agriculture in the Ukraine. N. Bubnovskii. Ekon. sel'khoz. 33 no. 1,19-30 Ja '62.

This is of nationwide as well as of trade-union concern V Klimenko Sov profsoiuzy 18 no 6 2-4 Mr '62

UKRAINE—AGRICULTURE—EXPERIMENTATION

Strengthening the connection between research and agriculture S. I. Sofianchuk, P E. Kurilo Rad shk 40 no 3 26-33 Mi '62

UKRAINE—AMATEUR ART ACTIVITIES

Amateur art activities in the Ukraine on the occasion of the 22d Congress of the Communist Party of the Soviet Union L Nosov Nar tvorch ta etn 5 no 4 148 O-D '61

Contemporary folklore and its future. K. S Davletov Nar. tvorch ta etn. 5 no 4 9-13 O-D '61

UKRAINE—AMATEUR MOTION PICTURES

Pictures are taken by motion-picture amateurs in villages V Perlovych Nar. tvorch ta etn 5 no 4 151-152 O-D '61

UKRAINE—APARTMENT HOUSES

Let's put series 1-480 on the production line. IA. Shteinberg, G. Grauzhis. Stroi. i arkhit. 9 no. 11 15-17 N '61.

UKRAINE—ARCHITECTURE

In the Union of Ukrainian Architects Stroi. i arkhit 9 no 11 38 N '61

UKRAINE—ART INDUSTRIES

Traditions and new trends in folk art. B. S. Butnik-Siver-s'kyi. Nar. tvorch ta etn. 5 no. 4 94-101 O-D '61.

UKRAINE—ATHEISM

The salesmen of God. Voiov. ateist no. 11:44-45 N '61.

Tireless propagandists of atheism Voiov. ateist no. 11: 28 N '61

We should try to persuade each religious person. Voiov. ateist no. 3:2-4 Mr '62

UKRAINE—AUTOMOBILE RACING

Make better use of the experience and forces of the community. G. Zinger. Za rul. 20 no. 3:6-7 Mr '62.

UKRAINE—BANKS AND BANKING

Bank and the planning of capital investments. B. Lisitsyn. Fin. SSSR 23 no 3-52-59 Mi '62.

UKRAINE—BIRDS OF PREY

Zhezherin, V. P. [Predatory birds of the Ukraine and their protection] Khyzhi ptakhy Ukrainy ta ikh okhorona. Kyiv, Derzh. uchebovo-pedagog. vyd-vo "Radians'ka shkola," 1961. 41 p. (Biblioteka iunoho naturalista)

UKRAINE—BOARDING SCHOOLS

Makarenko's traditions in a boarding school I V. Pukha. Rad. shk 40 no 3-12-13 Mr '62

UKRAINE—BUILDING—SAFETY MEASURES

Conference on labor safety and accident prevention. Stroi i arkhit. 9 no 11 36-39 N '61.

UKRAINE—CATTLE BREEDING

Heredity of high butterfat production in the red steppe cattle. P. M Buina. Nauk. pratsi "Ask.-Nov." 9-55-66 '61.

UKRAINE—CERAMIC PLANTS

Manufacturing industrial ceramic forms and parts at brick factories in the Ukraine. G. M. Baklanov. Stroi. mat 8 no. 2:9-11 F '62.

UKRAINE—CHURCH HISTORY

Kostruba, Teofil. [Selected works] Vybrani tvory. 2. vyd. Toronto, "Dobra knyshka."
Vol. 4. [How Moscow abolished the Ukrainian Church] IAk Moskva nyshchyla ukrains'ku TSerkvu, 1961. 96 p.

UKRAINE—COAL MINES AND MINING

Shchipko, L. M. [Miner Evgen Skliarov] Prokhidnyk IEvhen Skliarov. Kyiv, Derzh. vyd-vo tekhn. lit-ry URSR, 1961. 16 p. (Udarnyky somyrichky)

UKRAINE—COLLECTIVE FARMS—FINANCE

Business accounting on collective farms. S. Kovaliushko. Ekon. Rad. Ukr. no. 1:105-110 Ja-F '62.

UKRAINE—COLLECTIVE FARMS—INCOME DISTRIBUTION

Strengthen the group form of material stimulation of collective farmers' work. D. Bidenko, V. Petrovych. Ekon. Rad. Ukr. no. 1:81-86 Ja-F '62.

UKRAINE—COLLECTIVE FARMS—INTERFARM CO-OPERATION

Accounting and reports of interfarm organizations. P. Galitsyn. Den. i kred. 20 no. 3:64-66 Mr '62.

Kozlova, T. A., M. V. Lemekha, and L. O Olesnevich. [By common efforts; from the experience of interfarm production contacts] Spil'nymy zusyliiamy; z dosvidu mizhkolhospnykh vyrobnychykh zv'iazkiv. Kyiv, Vyd-vo Akad nauk URSR, 1961. 52 p.
(DA)

UKRAINE—COMMUNIST PARTY OF THE SOVIET UNION

Bielousov, S. M. [CPSU, inspirer and organizer of the building of communism in the Ukraine] KPRS, natkhennyk i organizator komunistychnoho budivnytstva na Ukraini. Kyiv, Akad. nauk URSR, 1960. 58 p.
(MH)

UKRAINE—COMMUNIST PARTY OF THE SOVIET UNION—CONGRESSES

Kommunisticheskaia partiia Ukrainy. 22 s"ezd, Kiev, 1961. [Materials of the 22d Congress of the Communist Party of the Ukraine] Materialy. Kiev, Gos. izd-vo polit lit-ry USSR, 1961. 119 p

UKRAINE—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Objectives of ideological work in the light of the decisions of the 22d Congress of the CPSU A Skaba Komm Ukr. 37 no 3 10-22 Mr '62

UKRAINE—COMMUNIST PARTY OF THE SOVIET UNION—PERIODICALS

Readers' conferences of "Kommunist Ukrainy." Komm. Ukr. 37 no 2:95-96 F '62.

UKRAINE—COMMUNIST YOUTH LEAGUE

Glorious deeds of the Communist Youth League of the Republic. IU El'chenko. Komm Ukr 37 no 2-82-70 F '62

A school of social maturity. IU. Torsuev. Mol. komm. no. 1:73-78 Ap '62.

Their friends and their group train them O Vladimirov. Komsom. zhizn' no. 5 12-14 Mi '62.

Toward a united objective. V. Pazenok. Za rul. 20 no. 3:3 Mr '62.

We shall try to equal our heroes V. Kulik Mol komm no 3 41-45 Mr '62.

UKRAINE—CONSTRUCTION INDUSTRY

For further development of specialization. I. Pishchik. Prom. stroi i inzh. soor. 3 no 2:1-6 Mr-Ap '61.

In villages and collective farms of the Ukraine. Sil' bud. 11 no. 11,22 N '61

Let's secure the complete fulfillment of the yearly building plan M. Kolotii Sil'. bud 11 no 11:10-11 N '61

UKRAINE—CONSTRUCTION INDUSTRY—ACCOUNTING

Accounting and reports of interfarm organizations. P. Galitsyn. Den. i kred. 20 no. 3 64-66 Mr '62.

UKRAINE—CONSTRUCTION INDUSTRY—FINANCE

Bank and the planning of capital investments B. I lisitsyn. Fin SSSR 23 no 3-52-59 Mr '62.

UKRAINE—CORN (MAIZE)

Agrometeorological conditions for growing corn as a stubble crop in the south of the Ukrainian S S.R. A.B. Potoker. Meteor. i gidrol no. 3,21-26 Mr '62.

[Corn grower's library] Bibliotechka kukurudzovoda. [Kyiv] Kyivs'ke oblasne knyzhkovo-gazetne vyd-vo, 1961. 8 pamphlets.
(DA)

Hitalov, O. V. [Over-all mechanization for corn growing] Kukurudzi - kompleksnu mekhanizatsiiu. Kyiv, Derzh. vyd-vo sil's'kohospodars'koi lit-ry URSR, 1961. 62 p. (Shkola peredovoho dosvidu)
(DA)

UKRAINE—CORN BREEDING

Academician of the soil Mark Popovskii. Nauka i zhizn' 29 no. 2 34-37 F '62.

UKRAINE—CREDIT

Verba, P. I. [Role of credit in the development of the industries of regional economic councils; based on materials of the Ukrainian S. S. R.] Rol' kredita v razvitii promyshlennosti sovnarkhozov; na materialakh Ukrainskoi SSR. [Khar'kov] Khar'kovskoe knizhnoe izd-vo, 1961. 149 p.

UKRAINE—CULTURE

"Development of Soviet Ukrainian culture; 1917-1920" by I. D. Zolotoverkhii Reviewed by V. Gorak, I. Shevchenko. Komm Ukr. 37 no 2-91-93 F '62.

Living sprouts of communism. G. Shablii. Sots. kul't. no. 2:1-3 F '62.

UKRAINE—DESCRIPTION AND TRAVEL

[Sights of the Ukraine] Vyznachni mistsia Ukrainy. 2., pererovlene i dopovnene vydannia. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1961. 795 p.

UKRAINE—ECONOMIC CONDITIONS

The economy of the Ukrainian S.S.R. in 1962. P. Rozenko. Ekon. Rad. Ukr. no. 1:3-10 Ja-F '62.

UKRAINE—ECONOMIC ZONING

Khudyakov, I. A., L. M. Korchakhin, and I. A. Velichko [Economic regionalization of the Ukrainian S. S. R., materials for the 3d Congress of the Geographical Society of the U. S. S. R.] Ob ekonomicheskom rayonirovanii Ukrainskoi SSR, materialy k III s"yezdu Geograficheskogo obshchestva Soyuza SSR. Leningrad, Geogr. ob-vo SSSR, 1959. 16, 2 p. (Doklady po probleme: Ekonomicheskoe rayonirovanie strany)

UKRAINE—EDUCATION

Let's solve the urgent problems of school work in a creative way. Rad. shk. 40 no. 3 3-8 Mr '62

Prospects for the development of the school network and its organizational structure. E. S. Berezniak. Rad. shk. 40 no. 3 60-65 Mr '62

Remarks on the program and textbook on the history of pedagogics. L. P. Smolii. Rad. shk. 40 no. 3 66-67 Mr '62.

UKRAINE—EUCOMMIA

Comprehensive utilization of eucommia plantations. S. Sh. Chitashvili. Les. khoz. 15 no. 1 47-48 Ja '62

UKRAINE—FARM MECHANIZATION

Hitalov, O. V. [Over-all mechanization for corn growing] Kukurudzi - komplekseu mekhanizatsiiu. Kyiv, Derzh. vyd-vo sil's'kohospodars'koi lit-ry URSR, 1961. 62 p. (Shkola peredovoho dosvidu)
(DA)

How Sashko became Aleksandr Vasil'evich Ivan Vinnichenko. Ogonek. 40 no. 10 6-9 Mr '62.

UKRAINE—FARMHOUSES

Changes in the planning of dwellings for collective farms. L. M. Panchenko. Nar. tvorch. ta etn. 5 no. 4 92-94 O-D '61

UKRAINE—FIREBRICK

Prospects for using and expanding the production of lightweight refractories in the Ukrainian S. S. R. V. D. Dsigier, R. L. Kamenetskii. Ogneupory. 27 no. 3 116-120 '62

UKRAINE—FISH CULTURE

Blue fields. V. Movchan. Ogonek. 40 no. 9 8 F '62

UKRAINE—FOLKLORE

Homin, Les', pseud. [Liberation War of 1648-1654 in folklore] Vyzvol'na viina 1648-1654 rr. u narodnii tvorchosti. Kyiv, Radians'ka shkola, 1960. 188 p.
(MH)

UZBEKISTAN—FOLKLORE STUDIES

Folklore study expeditions of the Institute of Art, Folklore, and Ethnology of the Academy of Sciences of the Ukrainian S. S. R. during the summer of 1961. P. Fedorovych. Nar. tvorch. ta etn. 5 no. 4 148-150 O-D '61

Our folklore group. L. Dudko. Nar. tvorch. ta etn. 5 no. 4 154 O-D '61

UKRAINE—FOX HUNTING

At the break of dawn. Ukraina no. 6 30 Mr '62

UKRAINE—FUNGI

New species of Fungi imperfecti from the left-bank area of the Ukrainian forest steppe [with summary in English]. V. S. Bukhalo. Ukr. bot. zhur. 18 no. 6 99-101 '61

UKRAINE—GEOGRAPHY

Rudnyts'kyi, Stepan. [Elementary geography of the Ukraine] Pochatkova geografiia Ukrainy. 3. poprav. i poshyrene vyd. Dop., red. i oformlennia B. Romanenchuka. Philadelphia, Kyiv [1961] 216 p.
(IU)

UKRAINE—HEALTH RESORTS, WATERING PLACES, ETC.

Development of sanatoriums and health resorts in the Ukraine. I. A. Struev. Vrach. delo. no. 8 110-113 Ag '61

UKRAINE—HIGHWAY TRANSPORT WORKERS

Highway transport workers in the Ukraine fulfill their pledges. G. Kapustin. Avt. dor. 25 no. 3 1-2 Mr '62

UKRAINE—HISTORY

Dikti, Andrei. [Undistorted history of the Ukraine-Rus'] Neizvrashchennaia istorii Ukrainy-Rusi. New York, Izd-vo "Pravda o Rossii."
Vol. 2. 1961. 384 p.

Homin, Les', pseud. [Liberation War of 1648-1654 in folklore] Vyzvol'na viina 1648-1654 rr. u narodnii tvorchosti. Kyiv, Radians'ka shkola, 1960. 188 p.
(MH)

UKRAINE—HISTORY—PERIODICALS

The voice of Ukrainian historians, a review of articles published in 1957-1961 in "Ukrains'kyi istorychnyi zhurnal." S. A. Vol'skii and others. Ist. SSSR. 6 no. 1 166-171 Ja-F '62.

UKRAINE—HOSPITALS

Oldest hospital in the Ukraine. M. S. Bednyi, V. G. Tkhor. Sov. zdrav. 21 no. 2 60-63 '62.

UKRAINE—HYDROELECTRIC POWER STATIONS

Didkovs'kyi, M. M. [Problem of the "Great Dnieper."] Problema Velykoho Dnipra. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 43 p.

UKRAINE—INDUSTRIAL BUILDINGS

New progressive types of industrial buildings. M. Medvedev, G. Diatlan. Stroi. i arkhit. 9 no. 11 19-23 N '61.

UKRAINE—INDUSTRIES

Verba, P. I. [Role of credit in the development of the industries of regional economic councils, based on materials of the Ukrainian S. S. R.] Rol' kredita v razvitii promyshlennosti sovnarkhozov, na materialakh Ukrainskoi SSR. [Khar'kov] Khar'kovskoe knizhnoe izd-vo, 1961. 143 p.

UKRAINE—LABOR AND LABORING CLASSES—STATISTICS

Statistical indices. Ekon. Rad. Ukr. no. 1 126-128 Ja-F '62.

UKRAINE—LABOR PRODUCTIVITY

For the further increase of labor productivity in the industry of the Republic. L. Radzilevs'ka. Ekon. Rad. Ukr. no. 1 125 Ja-F '62.

UKRAINE—LAND TENURE

Akademiia nauk URSR, Kiev. Instytut istorii. [Collected documents and source materials concerning the abolition of serfdom in the Ukraine] Otmena krepostnogo prava na Ukraine; sbornik dokumentov i materialov. Kiev, Izd-vo Akad. nauk USSR, 961. 426 p.

UKRAINE—LEARNED INSTITUTIONS AND SOCIETIES

Plenum of the Ukrainian Association for Spreading Political and Scientific Knowledge. Nauka i zhyttia. 11 no. 2 28 F '62

UKRAINE—LIME

Locally mined lime for mortars. I. Slobodianyk and others. Sil'. bud. 11 no. 11 14-15 N '61.

UKRAINE—LUNGS—DUST DISEASES

Fourteenth Plenum of the Republic Committee of the Ukrainian Academy of Sciences on Silicosis Control. V. F. Shpinev. Vrach. delo. no. 8 153-154 Ag '61

UKRAINE—MACHINERY INDUSTRY—COSTS

Role of price in the business accounting of industry. O. Ahafonov. Ekon. Rad. Ukr. no. 1 40-47 Ja-F '62.

UKRAINE—MANUFACTURES

Problems in developing light industry. I. Ryzhkov, O. Shkuratov. Ekon. Rad. Ukr. no. 1 33-39 Ja-F '62.

UKRAINE—MAPLE

Kokhno, M. A. [Maple in the wooded steppe regions of the Ukraine; biological characteristics and ecology] Kleny lisostepovykh dibrov Ukrainy; biologichni osoblyvosti ta ekologiia. Kyiv, Vyd-vo Akad. nauk URSR, 1962. 49 p.

UKRAINE—MECHANICS

"Development of mechanics in the Ukraine during Soviet rule" by G. M. Savin, V. V. Georgievs'kaia. Reviewed by I. Z. Shtokalo. Prykl. mekh. 8 no. 2;227 '62

UKRAINE—MEDICAL COLLEGES

Links between the institute and institutions of public health, on the 25th anniversary of the Ukrainian Strazhesko Research Institute of Clinical Medicine. K. M. Sherstnev. Vrach. delo no. 8 107-110 Ag '61.

UKRAINE—MONEY

Give more attention to strengthening currency circulation. M. Berkov. Ekon. Rad. Ukr. no. 1 48-53 Ja-F '62.

UKRAINE—MOTION PICTURES IN EDUCATION

Motion pictures in educational work. R. I. Zapruds'ka. Rad. shk. 40 no. 3 50-53 Mr '62.

Use of educational motion pictures in class. L. V. Chashko. Rad. shk. 10 no. 3 47-50 Mr '62.

With the help of motion pictures. Z. I. Abolikhina. Rad. shk. 40 no. 3 54-56 Mr '62

UKRAINE—MOTORCYCLE RACING

Make better use of the experience and forces of the community. G. Zinger. Za rul. 20 no. 3 6-7 Mr '62.

UKRAINE—MUSHROOMS

Fotyniuk, F. I. [Mushrooms] Hryby. L'viv, Knyzhkovo-zhurnal'ne vyd-vo, 1961. *103 p.*

UKRAINE—OAK—DISEASES AND PESTS

Conditions for the formation of the nidi of oak leaf miners in forests of the southeastern Ukraine. L. G. Apostolov. Nauch. dokl. vys. shkoly; biol. nauki. no. 1 17-22 '62.

UKRAINE—OPHTHALMOLOGY

"History of ophthalmology in the Ukraine" by R. Z. Kopit and others. Reviewed by V. A. Rukin. Oft. zhur. 17 no. 1 62-63 '62.

UKRAINE—ORTHODOX EASTERN CHURCH

How they spend the donations of religious people. K. Siavuta. Voiov. ateist no. 11 17-19 N '61.

UKRAINE—PEASANT UPRISINGS

"The peasant unrest in the right-bank Ukraine after the Reform of 1861, *1865-1900" by D. P. Polda.* Reviewed by I. L. Boliasnyi. Ist. SSSR. 6 no. 2 171-174 Mr-Ap '62

UKRAINE—PHYSIOLOGY—RESEARCH

At the Sixth Congress of the Ukrainian Physiological Society. R. S. Zlatin. Fiziol. zhur. [Ukr.] 7 no. 6 849-851 N-D '61.

UKRAINE—PIONEERS (COMMUNIST YOUTH)

Pioneers learn communism. [U. N.] Pchenko. Rad. shk. 40 no. 3 9-11 Mr '62

UKRAINE—PLANTS, CULTIVATED

Kiev. Vyatavka pervedovoho dosvidu v narodnomu hospodarstvi Ukrains'koi RSR. [Exhibition of plants growing under natural conditions, a guide] Naturnyi pokaz roslynnitstva; putivnyk. Kyiv, Derzh. vyd-vo sil's'kohospodars'koi lit-ry URSR, 1961. 24 p.
(DA)

UKRAINE—POLITICS AND GOVERNMENT

Babii, B. M. [The Soviet Ukrainian state during the reconstruction of the national economy, 1921-1925] Ukrains'ka Radians'ka derzhava v period vidnovy narodnoho hospodarstva, 1921-1925 rr. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 303 p.

Ukraine. Verkhovnyi Sovet. [Meetings of the Fifth Supreme Soviet of the Ukrainian S. S. R., third session, April 15-17, 1950; verbatim report.] Zasidannia Verkhovnogo Soveta Ukrainskoi SSR, piatogo skvytannia, pershia sesiia, 15-17 aprelia 1950 goda. Stenohrafichesk. otchet. Kiev, Gos. izd-vo polit. lit-ry USSR, 1950. 203 p.
(NJP)

UKRAINE—POPLAR

Poplar breeding and propagation network in the Ukraine. N. V. Starova. Les. khoz. 15 no. 2 36-38 F '62

UKRAINE—POULTRY

Romanko, O. I. [More poultry] Bil'she ptytsi. Uzhgorod, Zakarpats'ke oblasne knyzhkovo-hazetne vyd-vo, 1961. 16 p.
(DA)

UKRAINE—PSYCHOTHERAPY—CONGRESSES

Twenty-first Scientific Conference of the Ukrainian Psychoneurological Research Institute. A. L. Abasheev-Konstantinovskii. Vrach. delo. no. 8 151-153 Ag '61

UKRAINE—RELATIONS (GENERAL) WITH RUSSIA

"Ukrainian political and economic contacts with Russia in the middle of the 17th century" by F. P. Shevchenko. Reviewed by L. N. Pushkarev. Ist. SSSR. 6 no. 2 174-178 Mr-Ap '62.

UKRAINE—RELIGION

Religious survivals in the mode of life and the struggle against them. V. Iu. Kelembetova. Nar. tvorch. ta etn. 5 no. 4 27-34 O-D '61

UKRAINE—REVOLUTION, 1917-1921

Dikti, Andrei. [Undistorted history of the Ukraine-Rus'] Neizvrashchennaia istorii Ukrainy-Rusi. New York, Izd-vo "Pravda o Rossii."
Vol. 2. 1961. 384 p.

UKRAINE—RHEUMATIC FEVER

Study on the effectiveness of hospital supervision of patients with rheumatic fever. V. A. Korolitch. Vrach. delo no. 2 128-132 F '62

UKRAINE—ROADS—DESIGN

Architectural and spatial design of roads. N. Ornatskii, A. Kiselevskii. Stroi. i arkhit. 9 no. 11 26-30 N '61

UKRAINE—SCHOOL HYGIENE

Healthy childhood is a guaranty of a long life. D. F. Chebotar'ov. Rad. shk. 40 no. 3 86-88 Mr '62

UKRAINE—SCOPOLIA

Morphological and anatomical structure of the rhizome and roots of Scopolia carniolica Jacq. I. D. Mel'nichuk. Trudy Len. khim.-farm. inst. 12 56-58 '61.

UKRAINE—SERFDOM

Akademiia nauk URSR, Kiev. Instytut istorii. [Collected documents and source materials concerning the abolition of serfdom in the Ukraine] Otmena krepostnogo prava na Ukraine; sbornik dokumentov i materialov. Kiev, Izd-vo Akad. nauk USSR, 1961. 426 p.

UKRAINE—SOCIAL LIFE AND CUSTOMS

New trends in the mode of life of the colonist collective farmers in the middle Dnieper Valley. D. M. Kosarik, O. F. Kuvent'ova. Nar. tvorch. ta etn. 5 no. 4 35-38 O-D '61.

UKRAINE—SOIL CONSERVATION

[How we control soil erosion] Iak my borotsmosia z eroziieiu gruntiv. Kyiv, Derzh. vyd-vo sil's'kohospodars'koi lit-ry URSR, 1961. 12 p.
(DA)

UKRAINE—SOIL STABILIZATION

Construction of large-panel buildings on sagging soil and over mines. I. Litvinov. Stroi. i arkhit. 9 no. 11 7-11 N '61.

UKRAINE—SOILS—MICROBIOLOGY

Antagonistic properties of actinomyces isolated from soils in the Ukraine [with summary in English]. L. D. Kaliuzhnaia and others. Antibiotiki. 7 no. 3 19-24 Mr '62.

UKRAINE—STATISTICS

"The economy of the Ukrainian S.S.R. in 1960", statistical collection. Reviewed by I. Kyforenko. Ekon. Rad. Ukr. no. 1 117-119 Ja-F '62

UKRAINE—STEEL INDUSTRY

Prospects for the further development of ferrous metallurgy in the Ukrainian S.S.R. I. Bormatenkyi, M. Petrashchenko. Ekon. Rad. Ukr. no. 1 25-32 Ja-F '62

"Zaporozhstal'" quickens its pace. L. Il'ko, L. Bermant. Komm. Ukr. 37 no. 2 71-76 F '62.

UKRAINE—STOCK AND STOCKBREEDING

[Intensive stockbreeding] Intensyvne vedennia tvarynnytstva. Za red. I. H. Zorina. Kyiv, Derzh. vyd-vo sil'skohospodars'koi lit-ry URSR, 1961. 303 p. (DA)

UKRAINE—STUDENT ACTIVITIES

Their friends and their group train them. O. Vladimirov. Komsom. zhizn' no. 5 12-14 Mr '62.

UKRAINE—SUGAR BEETS

[Advanced methods for growing sugar beets] Peredovi metody vyrashchuvannia tsukrovykh buriakiv. Kyiv, Derzh. vyd-vo sil'skohospodars'koi lit-ry URSR, 1961. 163 p. (Posibnyky dlia shkil peredovoho dosvidu) (DA)

UKRAINE—SWINE BREEDING

Linear and interlinear breeding of the Ukrainian white steppe swine. L. K. Ilchenko, K. P. Haidukhanova. Nauk. pratsi "Ask.-Nov." 9 16-20 '61.

UKRAINE—TOURISTS, AMERICAN

It happened on a highway. H. Serbin. Vitchyzna, ateist no. 11, 38-39 N '61

UKRAINE—TRADE UNIONS

Our mainstay. Ukraina no. 6 3 Mr '62.

This is of nationwide as well as of trade-union concern. V. Klimenko. Sov. profsoiuzy 18 no. 6 2-4 Mr '62.

"Trade unions of the Ukraine after the victory of the Great October Revolution" by A. Slutskii. Reviewed by N. Gorlach. Sov. profsoiuzy 18 no. 7 47-48 Ap '62.

UKRAINE—TREMATODA

Zdun, V. I. [Trematode larvae in freshwater mollusks of the Ukraine] Lychynky trematod v prisnovodnykh malliuskakh Ukrainy. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 142 p.

UKRAINE—VIEWS

[The Ukraine in photographs; album compiled from photographs shown at two photo-exhibitions: "Soviet Ukraine", 1960 and "The seven-year plan in action", 1961] Ukraina u fotoilustratsiiakh; al'bom pobudovano na osnovi ekspozytsii respublikans'koi fotovystavky "Radians'ka Ukraina", 1960 r. Ta robit ukrains'kykh fotomaistriv, predstavlenykh na Vsesoiuznii vystavtsi "Somyrichka v dii," 1961 r. Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry URSR, 1961. [11] p. illus.

Supplement [In English, French, and German]

UKRAINE—VIRUS DISEASES

Parapoliomyelitis infections in the Ukraine. N. F. Golub. Vrach. delo no. 2 103-106 F '62.

UKRAINE—VISITORS, FOREIGN

Our guests tell their stories. Ukraina no. 6 10 Mr '62.

UKRAINE—VITICULTURE

[Technological charts for grape cultivation] Tekhnologicheskie karty po vozdelyvaniiu vinograda. Kiev, Gos. izd-vo sel'khoz. lit-ry USSR, 1961. 141 p. (DA)

UKRAINE—WATER, UNDERGROUND

Babinets, A. E. [Underground waters in the southwestern part of the Russian Platform; distribution and conditions of formation] Podzemnye vody iugo-zapada Russkoi platformy; rasprostranenie i usloviia formirovaniia. Kiev, Izd-vo Akad. nauk USSR, 1961. 377 p.

UKRAINE—WORLD WAR, 1939-1945

Balkovyi, P. M. [Home guard of the Soviet Ukraine] Narodne opolchennia Radians'koi Ukrainy. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 102 p.

UKRAINE—YOUTH—SOCIETIES, ETC.

Our "Beacon Light" evening gatherings. V. Moroziuk. Nar. tvorch. ta etn. 5 no. 4 153-154 O-D '61

UKRAINE, WESTERN—CLERGY

How Babyniuk marched to the East. A. Petriv. Vitchyzna, ateist no. 3:25-26 Mr '62.

UKRAINE, WESTERN—PEASANT UPRISINGS

Stebili, F. I. [How the peasants of eastern Galicia struggled against feudal oppression in the first half of the 19th century] Borot'ba selian Skhidnoi Halychyny proty feodal'noho hnitu v pershii polovyni XIX st. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 183 p.

UKRAINE, WESTERN—PINE

Resistance of white pine in forest plantations [with summary in English]. S. V. Shevchenko. Ukr. bot. zhur. 18 no. 6:81-88 '61.

UKRAINIAN ART see Art, Ukrainian

UKRAINIAN DRAMA

Bilousov, M. M. [Actor at the theater] Aktor u teatri. Literaturnyi zapys N. Kasteliii. Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry URSR, 1960. 38 p. (Bibliotechka z pytan' mystetstva, Teatr. Dekada ukrains'koi literatury ta mystetstva) (MII)

UKRAINIAN FOLKLORE see Folklore, Ukrainian

UKRAINIAN LANGUAGE—DICTIONARIES

Akademiia nauk URSR. Instytut movoznavstva. ["Leksikon slavenorossk" by Pamva Beryndа] Leksykon slovenoros'kyi Pamvy Beryndy. Pidhotovka tekstu i vstupna stattia V. V. Nimchuka. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 271 p. (Pam'iatky ukrains'koi movy XVII st. Serlia naukovoi literatury)

UKRAINIAN LANGUAGE—GRAMMAR

Trukh, Andrii. [Ukrainian language; a grammar of the Ukrainian language, a manual for youth] Ukrains'ka mova, gramatyka ukrains'koi movy - pidruchnyk dlia iunatstva. Monder, Alta, Vyd-vo O. O. Vasyliian, 1917. 93 p. (InU)

UKRAINIAN LITERATURE—BIBLIOGRAPHY see Bibliography—Ukrainian literature

UKRAINIAN LITERATURE—COLLECTIONS

Tymoshenko, P. D., comp. [Reader of materials related to the history of the Ukrainian literary language] Khrestomatiia materialiv z istorii ukrains'koi literaturnoi movy. Kyiv, Derzh. uchbovo-pedagog. vyd-vo "Radians'ka shkola."
Pt. 2. 1961. 346 p.

UKRAINIAN LITERATURE—HISTORY AND CRITICISM

Literature of genuine humanism. Konstantin Volynskii. Sov. Ukr. 12 no. 1:161-166 Ja '62

Works of Ukrainian writers. V mire knig 2 no. 3:29 Mr '62.

Zasenko, O. IE. [Literary criticism and articles] Literaturno-krytychni narysy i statti. Kyiv, Derzh. vyd-vo khudozh. lit-ry, 1962. 540 p.

UKRAINIAN LITERATURE—PERIODICALS

"Radians'ke literaturoznavstvo" no. 5, 1961. Vop. lit. 6 no. 2:230-231 F '62

UKRAINIAN PAINTERS see Painters, Ukrainian

UKRAINIAN PERIODICALS

For the creative coverage of creative work. N. Shibik. Komm. Ukr. 37 no. 3:93-96 Mr '62

UKRAINIAN POETRY—HISTORY AND CRITICISM

Kysel'ov, Iosyp. [Epic poetry; an account of present-day Ukrainian epic poetry] Epichna poeziia; narysy suchasnoi ukrains'koi epichnoi poezii. Dop. ta perer. vyd. Kyiv, Derzhlitvydav, 1961. 232 p. (MII)

UKRAINIAN SONGS see Songs, Ukrainian

ULAN BATOR—THEATER

In Mongolia. Inna Lomakina. Teatr. 23 no. 3 127-128 Mr '62

ULAN-UDE—ECONOMIC GEOGRAPHY

Dondukov, TS. TS. [Ulan-Ude, capital of Soviet Buryatia; historical and regional study] Ulan-Ude - stolitsa Sovetskoi Buriatii; istoriko-kraevedcheskii ocherk. Ulan-Ude, Buriatskoe knizhnoe izd-vo, 1961. 129 p.

ULAN-UDE—HISTORY

Dondukov, TS. TS. [Ulan-Ude, capital of Soviet Buryatia; historical and regional study] Ulan-Ude - stolitsa Sovetskoi Buriatii; istoriko-kraevedcheskii ocherk. Ulan-Ude, Buriatskoe knizhnoe izd-vo, 1961. 129 p.

ULAN-UDE REGION—PLANTS, ORNAMENTAL

Introduction of ornamental plants in the Ulan-Ude region. Z. G. Shunkova. Trudy TSSBS no. 3:107-112 '60

ULCERS

Clinical characteristics of nonspecific ulcerous colitis. S. L. Erez, A. G. Ryklina, A. S. Bondarev. Kaz. med. zhur. no. 1, 19-22 Ja-F '62.

Treatment of the moist stage of eczema and protracted ulcers. I. K. Vozniuk. Fel'd. i akush. 27 no. 2:42-43 F '62.

UL'IANOV, ALEKSANDR IL'ICH, 1866-1887

Semanov, S. N. [In the name of the people; outline of Aleksandr Ul'ianov's life and struggle] Vo imia naroda; ocherk zhizni i bor'by Aleksandra Ul'ianova. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 156 p.

ULTRABASITE see subdivision under Ural Mountains

ULTRASONIC TESTING

Determining the location of flaws in ultrasonic testing. A. I. Ioffe. Zav. lab. 28 no. 2:242-245 '62.

Elastic constants of rocks and methods for their determination. A. N. Khanukaev, L. K. Savraseva. Izv. AN Kir. SSR. Ser. est. i tekh. nauk 3 no. 3:95-102 '61.

Investigation on ultrasonic quality control of butt welds in AMg6 aluminum alloys. Avtom. svar. 15 no. 4:54-56 Ap '62.

Problem in achieving the highest sensitivity in the echo-method of ultrasonic flaw detection. A. S. Golubev, L. G. Merkulov, V. A. Shchukin. Zav. lab. 28 no. 2 196-199 '62

Samoilov, V. N. [Ultrasonic waves and principles of ultrasonic flaw detection] Ultrazvuk i printsipy ul'trazvukovoi defektoskopii. Pod red. N. L. Brikhatova. Moskva, Mosk. in-t inzhenerov zhel-dor. transp. im. I. V. Stalina, 1961. 62 p.

Ultrasonic instrument for measuring electrolyte concentration. V. A. Nosov and others. Avtom. i prib. no. 1:56-59 Ja-Mr '62.

ULTRASONIC WAVES

Kapustin, A. P. [Effect of ultrasound on the kinetics of crystallization] Vliianie ul'trazvuka na kinetiku kristallizatsii. Moskva, Izd-vo Akad. nauk SSSR, 1962. 106 p.

Samoilov, V. N. [Ultrasonic waves and principles of ultrasonic flaw detection] Ul'trazvuk i printsipy ul'trazvukovoi defektoskopii. Pod red. N. L. Brikhatova. Moskva, Mosk. in-t inzhenerov zhel-dor. transp. im. I. V. Stalina, 1961. 62 p.

ULTRASONIC WAVES—INDUSTRIAL APPLICATIONS

Application of ultrasonic waves in fabric dyeing. E. I. Chuzh, S. P. Domoroslov. Tekst. prom. 22 no. 2:54 F '62

Conference on the use of ultrasonic waves in the heat treatment of alloys. N. S. Fedotenko. Metalloved i term. obr. met. no. 2:54-56 F '62

Determining the frequency dependence of ultrasound absorption from the spectra of transient waves. M. B. Rapoport. Prikl. geofiz. no. 31:77-84 '61.

Effect of ultrasonic waves on the process of scale formation in steam boilers. N. K. Lopyrev, L. G. Shevaldyshev. Trudy LIVT no. 6 54-60 '60.

Radchenko, L. A. [Ultrasonic techniques in the manufacture of electronic devices, a survey] Ul'trazvukovye metody v tekhnologii proizvodstva elektronnykh priborov; obzor. Leningrad, 1961. 69 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Serlia Elektricheskie metody obrabotki materialov)

Three-dimensional working of materials of electro-erosion and ultrasonic waves. A. L. Livshits, B. Kh. Mechetner. Fiz. v shkole 22 no. 1 4-19 Ja-F '62.

Use of ultrasonic waves to dress quartz sand. V. I. Revnivtsev and others. Stek. i ker. 18 no. 11 19-21 N '61.

Use of ultrasonic waves to prepare a stable drawing emulsion. B. A. Agranat, F. I. Zaretskii. Sbor. nauch. trud. GINTSVETMET no. 33 369-378 '60

Using ultrasonic techniques for preventing scale formation. N. S. Il'in. Biul. tekh.-ekon. inform. no. 2, 34-37 '62.

Using ultrasonics in electric engineering. K. K. Namitokov. Avtom. i prib. no. 1:72-76 Ja-Mr '62.

ULTRASONICS

Study of the reactogenic and immunogenic properties of a soluble antigen of R. burneti obtained using ultrasonics [with summary in English]. N. N. Urakov. Vop. virus. 7 no. 1:104-109 Ja-F '62.

ULTRAVIOLET RAYS—PHYSIOLOGICAL EFFECT

Effect of ultraviolet irradiation on the productivity in sheep. M. O. Korol'ov, V. I. Mukhin. Nauk. pratsi "Ask.-Nov." 9 51-54 '61.

Effect of ultraviolet rays on the pathogenic serotypes of Escherichia coli. R. A. Ter-Pogosian, Z. P. Gorialnova. Vop. radiobiol. [AN Arm. SSR] 1,123-125 '60.

Konferentsiia po biologicheskomu deistviiu ul'trafioletovogo izluchenila. 6th, Leningrad, 1958. [Transactions of the Conference on the Biological Effect of Ultraviolet Radiation] Trudy konferentsii. Moskva, Medgiz.
Vol. 3. [Ultraviolet radiation; biological effect, therapeutic, preventive, and hygienic uses, and measurement] Ul'trafioletovoe izluchenie; biologicheskoe deistvie, lechebno-profilakticheskoe i gigienicheskoe primenenie, izmerenie. Pod red. G. M. Franka i dr. 1960. 271 p.

Lamps of the PRK type in ultraviolet traps. V. M. Zuzlov, N. G. Kolomiets, I. A. Terskov. Les. khoz. 15 no. 3 53-56 Mr '62.

ULTRAVIOLET RAYS—THERAPEUTIC USE

Konferentsiia po biologicheskomu deistviiu ul'trafioletovogo izluchenila. 6th, Leningrad, 1958. [Transactions of the Conference on the Biological Effect of Ultraviolet Radiation] Trudy konferentsii. Moskva, Medgiz.
Vol. 3. [Ultraviolet radiation; biologicheskoe deistvie, lechebno-profilakticheskoe i gigienicheskoe primenenie, izmerenie. Pod red. G. M. Franka i dr. 1960. 271 p.

ULUS KOYMARSKIY REGION—SWAMPS

Koymarskiy swamps of Tunka depression and the main trend for their improvement. N. I. Karnaukhov. Trudy BKNII no. 4:38-45 '60.

645105 O - 62 - 20

UL'YANOVSK PROVINCE—CONSTRUCTION EQUIPMENT

Practices of the Machinery Administration of the Ul'yanovsk Economic Council. V V Prokof'ev. Mekh.stroi 19 no.3 19-20 Mr '62.

UMBILICUS

Effect of umbilical ligation on carbohydrate metabolism in the mother. Kh.G.Kanbai. Izv.AN Azerb.SSR.Ser. biol i med.nauk no.11:129-133 '61.

UMBILICUS—DISEASES

Suppurative diseases of the umbilical wound and their treatment L. L. Gol'dsand Fel'd i akush 27 no 1 16-19 Ja '62

UMBILICUS—HERNIA

Late results of treating embryonal hernias of the umbilicus [with summary in English] V V. Gavriushov Vop okh mat i det 6 no 12 71-74 D '61.

UMBILICUS—MICROBIOLOGY

Sensitivity of microbes of the umbilical wound to certain antibiotics and the use of biomycin in severing the umbilical cord. I Kh. Khodzhaeva. Med. zhur. Uzb. no.4 35-38 Ap '60.

UNDERDEVELOPED AREAS

Lebedev, P., comp. [Grow, thou branch, in far-off lands] Rasti berezke v dalekikh stranakh Moskva, Gos. izd-vo polit. lit-ry, 1961 70 p.

UNDERGROUND CONSTRUCTION

Building the underground parts of structures by the caisson method. M E. Bargman and others. Mekh stroi. 19 no 3-8-11 Mr '62.

UNDERGROUND WATER see Water, Underground

UNDERWATER ACOUSTICS

Coherent scattering of plane and spherical waves in deep-water layers containing discrete inhomogeneities V. P. Gletov Dokl AN SSSR 143 no 2,312-315 Mr '62

UNDERWATER CONCRETE CONSTRUCTION

Underwater concreting as an advanced method of repairing marine hydraulic structures. V I Dmitrevskii. Gidrotekhnika no.1 31-39 '61.

UNDULANT FEVER see Brucellosis

UNEMPLOYED

(see also subdivision under United States)

The capitalist world unadorned. Sov.profsoiuzy 18 no.7:41 Ap '62.

UNGULATA see subdivision under Uzbekistan

UNION OF SOVIET SOCIALIST REPUBLICS see Russia

UNITED FRUIT COMPANY

"Green Octopus" Vsem prof dvizh no. 3:27-31, 40 Mr '62

UNITED NATIONS

Behind the cover of the blue flag [with English summary in insert] E Primakov. Az.i Afr.seg. no.3 10-13 Mr '62.

Medvedev, A. M. [Secretariat of the U. N. and the demands of our time] Sekretariat OON i trebovaniia sovremennosti. Moskva, Izd-vo In-ta mezhdunarodnykh otnoshenii, 1962. 46 p.

The United Nations and the plans of the enemies of international cooperation. G. Morozov. Mir. ekon. i mezhdunar. otn. no 4 99-101 Ap '62

UNITED STATES—AGRICULTURE

Some tendencies in the change of the structure and distribution of agriculture in the U. S. A. V. P. Kovalevskii. Izv AN SSSR. Ser. geog no 2:18-25 Mr-Ap '62

UNITED STATES—CERAMICS—EQUIPMENT AND SUPPLIES

New equipment for the fine ceramics industry [from "Ceramic Industry," October 1961] Stek i ker 19 no 3 46-47 Mr '62

UNITED STATES—CIVIL WAR—POETRY

Poetry of the American Civil War. M.Mendel'son. Vop. lit. 6 no.2 155-169 F '62

UNITED STATES—COAL—DRYING

Thermal drying of coal in the United States. V. IA Kulinasov Koks i khim no 2:58-61 '62

UNITED STATES—COMMUNIST PARTY

Newspaper "The worker" and Americans. John Howard Lawson Nov vrem 20 no 14:10-12 Ap '62

UNITED STATES—CONSTITUTION

"The American Constitution" [in English] by G H Pritchett Reviewed by IA M Bel'son. Sov gos. i pravo 32 no 3,156-158 Mr '62

UNITED STATES—CONSTRUCTION INDUSTRY

How the U. S. Government exerts its influence upon residential construction. E. Lebedeva Mir. ekon. i mezhdunar. otn no. 4:132-138 Ap '62.

UNITED STATES—DEFENSES

"Juggernaut, the warfare state" by Fred J Cook Reviewed by I Andreev. Komm. Vooruzh Sil 2 no. 6,86-92 Mr '62

UNITED STATES—ECONOMIC CONDITIONS

Some results of peaceful economic competition between the U. S. S. R. and the U. S. A. and prospects for its future development [with summary in English] S. D. Zak Vest LGU no 5 34-49 '62

UNITED STATES—ELECTRIC POWER PLANTS

[Industrial electric power plants in the U. S. A. Articles translated from the English Preface by A. D. Abramovich] Promyshlennye elektrostantsii SShA. Moskva, Gos. energ. izd-vo, 1961 270 p.

[MICROFILM]

UNITED STATES—ETHNOLOGY

Contemporary currents in bourgeois ethnography. IU. P Averkieva Nar tvorch ta etn. 5 no 4:79-84 O-D '61.

UNITED STATES—FOREIGN ECONOMIC RELATIONS—AFRICA

Fetov, V. P. [American imperialism in Africa] Amerikanskii imperializm v Afrike Moskva, Gos. izd-vo polit. lit-ry, 1962. 101 p (Afrika segodnia)

UNITED STATES—FOREIGN ECONOMIC RELATIONS—CUBA

"Role of North American imperialism in the national economy of Cuba" [in Spanish] by O. P. Santos. Reviewed by O M. Oltiana. Vop. ist. no 4:176-177 Ap '62.

UNITED STATES—FOREIGN ECONOMIC RELATIONS—LATIN AMERICA

An "alliance for plundering." Agitator no. 8,44-45 Ap '62.

Anglo-American competition in Latin America. IE. Bezrodnyi Ekon. Rad. Ukr. no 1,111-116 Ja-F '62.

U. S. policy in Latin America. Trinidad Martillo. Mir. ekon. i mezhdunar otn no. 4:37-52 Ap '62

UNITED STATES—FOREIGN ECONOMIC RELATIONS—MEXICO

Inconvenient neighbor. A. Strelin. Nov. vrem. 20 no. 13:28 Mr '62.

[illegible]TATES—FOREIGN RELATIONS—ASIA

[illegible]e policy of the U.S.A. in the Middle East. [illegible]sh, I.IAnovskii. Komm. Uz 34 no. 1:74-82

[illegible]ATES—FOREIGN RELATIONS—CUBA

[illegible]rouble in the Carribean. V. Levin. Nov. vrem. [illegible]-14 Ap '62

[illegible]ES—FOREIGN RELATIONS—NEAR EAST

[illegible] policy of the U. S. A. in the Near and Middle [illegible]skii. Nar. Azii i Afr. no. 1:165-168 '62.

[illegible]ES—FOREIGN RELATIONS—PAKISTAN

[illegible]va, R. M. [The U. S. policy in Pakistan, 1947-[illegible]a SShA v Pakistane, 1947-1960. Moskva, [illegible]al'no-ekon. lit-ry, 1961. 232 p.

[illegible]ES—GAMES

[illegible]s. R. L. Dobrushin. Mat. pros. no. 6:310,

[illegible]ES—GAS, NATURAL—STORAGE

[illegible]tions in the construction of gas reservoirs [illegible] no. 10, 1961, "Oil and Gas Journal," [illegible], no. 18, 1959]. N. A. Sakharovskii, V. I. [illegible]inov. Shakht. stroi. 6 no. 3:26-29 Mr '62.

[illegible]ES—GAS MASKS

[illegible] masks. E. Semenov. Voen. vest. 41 16 D '61.

UNITED STATES—GEOGRAPHICAL RESEARCH

Scientific results of Soviet geographers' trip to the United States of America. I. P. Gerasimov Izv. Vses. geog. ob-va 94 no 1:51-55 Ja-F '62

Trends of geographical research in the U. S. A. after 1954 Preston James. Izv. Vses. geog ob-va 94 no. 1 [illegible]-[illegible] Ja-F '62.

UNITED STATES—GRAIN-MILLING MACHINERY

A complex milling system. L. Landa-Dalev. Muk. elev. prom. 28 no. 2:30-31 F '62.

UNITED STATES—HOURS OF LABOR

The workday and work week in the United States of America. I Nazarenko. Sots. trud 7 no. 3, 11-18 Mr '62.

UNITED STATES—INDUSTRIAL CAPACITY

"Chronic unemployment and the failure to use full industrial capacity in the U. S. A." by M. G. Gutman Reviewed by P. Figurnov. Mir. ekon. i mezhdunar otn. no 4:154-157 Ap '62.

UNITED STATES—INDUSTRIES

Alexandersson, Gunnar. [Industrial structure of American cities. Translated from the English] Ekonomicheskaia struktura gorodov SShA, geograficheskoe issledovanie ekonomiki gorodov Soedinennykh Shtatov Ameriki. Predisl. i red. N. N. Baranskogo. Moskva, Izd-vo inostr. lit-ry, 1959. 213 p.

(WaU)

UNITED STATES—JAZZ MUSICIANS

Mysovskii, V. S., and V. B. Feiertag. [Jazz; a brief sketch] Dzhaz; kratkii ocherk. Leningrad, Gos. muzykal'noe izd-vo, 1960 48 p.

UNITED STATES—LABOR AND LABORING CLASSES—DWELLINGS

How the U. S. Government exerts its influence upon residential construction. E. Lebedeva. Mir. ekon. i mezhdunar. otn no 4:132-138 Ap '62.

UNITED STATES—LABOR LAWS AND LEGISLATION

"United States legislation in the struggle against strikes" by M. V. Baglai Reviewed by L. Leont'ev Sov. profsoiuzy 18 no. 5:45 Mr '62.

UNITED STATES—LEATHER

Science and technology in foreign countries (from the "Journal of the American Leather Chemists Association," no. 3, 1961). L. S. Rabinovich. Kozh.-obuv prom. 4 no. 1:38 Ja '62.

UNITED STATES—MANUSCRIPTS, RUSSIAN

Manuscripts and source materials concerning the history of Russia in the archival agencies of the U. S. A. [illegible] Buskunov. Ist SSSR 6 no. 2 217-219 Mr-Ap '62

UNITED STATES—MATHEMATICS—STUDY AND TEACHING

"Introductory probability and statistical inference, an experimental course" [in English] and "Teachers' notes and answer guide" [in English]. Reviewed by A. M. Lyglov. Mat. pros. no. 6 355-361 '61.

Teaching elementary mathematics in the United States E. P. Rosenbaum. Mat. pros. no 6:281-295 '61.

UNITED STATES—MEDICINE

Impressions of a stay in the U. S. A. F. G. Uglov. Klin. med. no. 3 154-158 '62

UNITED STATES—OIL WELL DRILLING RIGS

Kalmykov, N. N., and I. A. Mal'kov. [Drilling equipment used in the U. S. A.] Burovoe oborudovanie, primeniaemoe v SShA. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1962. 244 p.

UNITED STATES—PRAGMATISM

Titarenko, A. I. [Against the distortion of Marxist philosophy in the works of American pragmatists] Protiv fal'sifikatsii filosofii marksizma pragmatistami SShA. Moskva, Gos. izd-vo "Vysshaia shkola," 1961 87 p.

UNITED STATES—RADIOBIOLOGY

Visit of American radiobiologists in Armenia. K. A. Kiandarian. Vop. radiobiol. [AN Arm SSR] 1:229 '60

UNITED STATES—RELATIONS (GENERAL) WITH RUSSIA

New step in the development of Soviet-American cultural contacts S. Romanovskii. Nov. vrem. 20 no 14:16-17 Ap '62.

Scientific results of Soviet geographers' trip to the United States of America. I. P. Gerasimov. Izv. Vses. geog. ob-va 94 no. 1:51-55 Ja-F '62.

UNITED STATES—RELATIONS (MILITARY) WITH SOUTH VIETNAM

"Hidden" aggression. V. Lebedev. Agitator no. 8 24-25 Ap '62.

UNITED STATES—SPECTRUM ANALYSIS

Spectroscopy in the United States. N. N. Sobolev. Opt. i spektr. 12 no. 3:449-461 Mr '62.

UNITED STATES—SURGERY

Work of some surgical clinics in the U. S. A. F. G. Uglov. Vest. khir. no. 3:135-140 '62.

UNITED STATES—TRADE UNIONS

How American workers struggled for the right to organize their trade unions in the 1930's. V. L. Mal'kov Vop ist no. 4:195 Ap '62

UNITED STATES—UNEMPLOYED

"Chronic unemployment and the failure to use full industrial capacity in the U. S. A." by M. G. Guttsait. Reviewed by P. Figurnov Mir. ekon i mezhdunar. otn. no. 4:154-157 Ap '62

What is hiding behind the official data on unemployment in the U.S.A. G. TSvetkov. Biul. nauch. inform. trud i zar. plata 5 no. 3 65-67 '62.

UNITED STATES—WOMEN IN PUBLIC LIFE

"Women's strike for peace." E. Shibarina. Nov. vrem. 20 no 14:29 Ap '62.

UNITED STATES—WORLD WAR, 1939-1945

Kuznets, IU. L. [How the U. S. A. entered the Second World War] Vstuplenie SShA vo vtoruiu mirovuiu voinu. Moskva, Izd-vo sotsial'no-ekon lit-ry, 1962. 288 p.

UNITED STATES—YOUTH

Arid horizons. L. Mitrokhin. Mol komm no 3 100-110 Mr '62

UNITS

International system of units. N. V. Kalashnikov, L. R. Stotskii Mashinostroitel' no. 3:45-47 Mr '62

International system of units and its use in education G. D. Burdun Vest. vys. shkoly 20 no. 2 72-76 F '62

International unit system (SI). G. D. Burdun, L. R. Stotskii. Stud. spets. obr. 0 no. 3-4-20 Mr '62.

UNIVERSAL JOINTS (MECHANICS)—TESTING

Apparatus for measuring stresses arising in universal joints. V. V. Bodnar-Solov'ev, P. S. Nikerov. Gidrotekhnika no. 1 94-96 '61

UNIVERSE see Cosmogony

UNIVERSITIES AND COLLEGES see subdivision under Kiev

UNIVERSITIES AND COLLEGES—ADMISSION

Give continual attention to the admission of students. V. I. Pitov, P. M. Boiko. Vest. vys. shkoly 20 no. 2 67-71 F '62

UNIVERSITIES AND COLLEGES—GRADUATE WORK

Number and composition of scientific workers and the training of scientific personnel engaged in research and teaching in the U. S. S. R. G. Kharat'ian Vest. stat. no. 1-62-73 '62.

UNSATURATED COMPOUNDS

Amino sulfides and amino sulfones. Part 20: Addition of arylsulfinic acids to unsaturated α,β-compounds. I. Kh. Fel'dman, V. N. Mikhailova. Zhur. ob. khim 32 no. 3:914-919 Mr '62.

Polymerization of unsaturated compounds in the presence of metallic potassium and organopotassium compounds in hydrocarbon media [with summary in English]. R. V. Basova, A. R. Gantmakher. Vysokom. soed. 4 no 3: 361-365 Mr '62.

Reactions of aliphatic diazo compounds with unsaturated compounds. Part 22: Catalytic condensation of diazoacetic ester with cis- and trans-stilbenes and 4-octenes. Synthesis of new derivatives of cyclopropane. I. A. D'iakonov and others. Zhur. ob. khim. 32 no 3:928-930 Mr '62.

Synthesis and transformations of unsaturated organosilicon compounds. Report No. 4 Synthesis and some transformations of organosilicon diacetylenic alcohols having isolated triple bonds. M. F. Shostakovskii and others. Izv. AN SSSR. Otd. khim. nauk no 3:512-515 Mr '62

Tin and lead hydrocarbons with 1, 3-enyne radicals. V. S. Zavgorodnii, A. A. Petrov. Dokl. AN SSSR 143 no. 4: 855-856 Ap '62.

UPITIS, PETERIS, 1899-

Upitis, Peteris. [Reproductions] Reprodukcijas. Rīga, Latgosizdat, 1961. [3] p. plates

UPPER VOLTA—INSURANCE, SOCIAL

Insurance system in the Upper Volta Republic. V. Kornilova. Sots. obesp. 23 no. 3:62-63 Mr '62.

URACIL

Biosynthesis of uracil by E. coli [with summary in English]. S. S. Debov, S. R. Mardoshov, Chzhao Tien-rei [Chao T'ien-jui]. Vop. med. khim. 7 no. 3 297-301 My-Je '61.

Effect of 6-methylthiouracil on the thyroid gland in vitamin A shortage of excess [with summary in English]. N. B. Lutsiuk. Vrach. delo no. 8:45-49 Ag '61.

URAL MOUNTAIN REGION—ALGAE, FOSSIL

Complexes of diatomaceous and silicoflagellate algae in Upper Cretaceous, Paleogene, and Neogene sediments in the eastern slope of the Urals, and trans-Ural region. A. I. Krotov, K. G. Shibkova. Mat. po geol. i pol. iskop. Urala no. 9:191-249 '61.

URAL MOUNTAIN REGION—CYPRESS

Northern cypresses in the Ural region. E. I. Adamovich. Priroda 51 no. 3:80 Mr '62.

URAL MOUNTAIN REGION—EXCAVATIONS (ARCHAEOLOGY

Excavations in the caves of Northern Ural. N. K. Verashchagin, I. E. Kuz'mina. Priroda 51 no. 3:76-78 Mr '62.

URAL MOUNTAIN REGION—FORAMINIFERA, FOSSIL

Stratigraphy and fauna of foraminifera of Cretaceous and Paleogene sediments in northern Kazakhstan, the trans-Ural region, and the eastern slope of the Urals. A. I. Eremeeva, N. A. Belousova. Mat. po geol. i pol. iskop. Urala no. 9:3-112 '61.

URAL MOUNTAIN REGION—LABOR AND LABORING CLASSES

[History of the laboring classes in the Ural Mountain region; collected articles] Iz istorii rabochego klassa Urala; sbornik statei. [Perm'] Permskoe knizhnoe izd-vo, 1961. 393 p.

URAL MOUNTAIN REGION—RESEARCH

Contribution of the Ural scientists to national economy A. Tvardovskii, S. Spas'kyi Nauka i zhyttia 11 no. 2 50-51 F '62

URAL MOUNTAIN REGION—WAGES—COAL MINERS

Analysis of the results of converting Ural coal pits to a shorter working day and a new wage system. N. T. Kochetkov. Trudy Gor.-geol. inst. UFAN SSSR no. 57. 67-72 '61.

URAL MOUNTAINS—AMMONOIDEA

Rare type of ornamentation in clymenids B. I. Bogoslovskii. Paleont. zhur no 1:166-168 '62

URAL MOUNTAINS—CEPHALOPODA, FOSSIL

New Spyroceras species from Devonian sediments of the eastern slope in the Central Urals. F. A. Zhuravleva. Paleont zhur. no 1.163-165 '62.

URAL MOUNTAINS—COBALT

Role of disjunctive dislocations in the formation of supergene deposits of nickel and cobalt. I. I. Edel'shtein Razved. i okh. nedr. 28 no. 2.5-9 F '62.

URAL MOUNTAINS—GEOLOGY

Geology of the Muzhi Urals. N. G. Chochia and others. Trudy VNIGRI no 186 152-175 '61

URAL MOUNTAINS—GEOLOGY, STRUCTURAL

Eastern boundary of the folded basement of the Russian Platform and its tectonic relationship with the area of Hercynian folding in the Urals. I. S. Ogarinov, F. I. Khatlanov Dokl. AN SSSR 143 no. 3:670-681 Mr '62.

URAL MOUNTAINS—NICKEL

Role of disjunctive dislocations in the formation of supergene deposits of nickel and cobalt. I. I. Edel'shtein. Razved. i okh. nedr 28 no. 2.5-9 F '62.

URAL MOUNTAINS—PALEOBOTANY, STRATIGRAPHIC

Complexes of fossil plants of the Lower Mesozoic in the eastern Urals A. I. Khichkova. Trudy VNIGRI no. 186 235-240 '61.

URAL MOUNTAINS—PLATINUM

Primary deposits of platinum in the Urals. A. G. Betekhtin. Trudy Len. ob-va est. 72 no 1:49-52 '61.

URAL MOUNTAINS—PYRITES

Stratigraphic position of basic effusive rocks in a cross section of the Uchaly and 10th Party Congress pyrite deposits I. P. Pustukhov. Razved. i okh. nedr. 27 no. 12:1-3 D '61.

URAL MOUNTAINS—ROCKS, IGNEOUS

Minor intrusions of basic and ultrabasic rocks of the diamond-bearing regions in the western slope of the Central Urals. IU. D. Smirnov Inform. shor. VSEGEI no. 16:75-85 '59.

URAL MOUNTAINS—SCHEELITE

Finds of scheelite in the region of Polen'er Mountain (Polar Urals). O. A. Kondiain. Inform. shor. VSEGEI no. 16:109-111 '59.

URAL MOUNTAINS—TOERNEBOHMITE

Toernebohmite from the Ural alkali province. N. V. Sviazhin. Zap. Vses. min. ob-va 91 no. 1:97-99 '62

URAL MOUNTAINS—TRACE ELEMENTS

Trace elements and genesis of ultrabasites of the Nizhniy Tagil Massif [with summary in English]. L. F. Borisenko. Geokhimiia no. 12:1115-1123 '61.

URAL MOUNTAINS—ULTRABASITE

Trace elements and genesis of ultrabasites of the Nizhniy Tagil Massif [with summary in English]. L. F. Borisenko. Geokhimiia no. 12:1115-1123 '61

URANINITE

Evidence of uraninite in complex alkali rocks. O. S. Strokova. Inform. shor. VSEGEI no. 16:103-107 '59.

URANIUM

(see also subdivision under Atlantic Ocean; Kazakhstan; Tien Shan)

Geophysical prospecting for uranium deposits by a method involving radio wave fluoroscopy. V. M. Bondarenko, N. D. Kovalenko, A. G. Tarkhov. Izv. vys. ucheb. zav.; geol. i razv. 5 no. 2:71-82 F '62.

URANIUM—HEAT TREATMENT

Texture and its connection with changes in the dimensions of uranium specimens under the effect of cyclic heat treatment. S. F. Kovtun, V. S. Kogan Fiz. met. i metalloved 13 no 2:316-317 '62

URANIUM FLUORIDES

"Chemistry and technology of uranium fluorides" by N. P. Galkin and others. Reviewed by I. V. Tananaev Zhur neorg khim 7 no 2 447-448 F '62

URANIUM ORES

Evaporative occurrences of uranium ores in arid regions. A. A. Kovalev Vest. Akad. Nauk Kazakh SSR 18 no. 3:23-24 Mr '62

URANIUM OXIDES—SPECTRA

Nuclear magnetic resonance in a polycrystalline hydrate of uranium trioxide N. M. Aleksandrov, L. P. Rodionova. Zhur. strukt. khim 3 no 1 97-98 Ja-F '62

URANYL COMPOUNDS

Physicochemical properties of some uranyl compounds with 1, 10-phenanthroline and 2, 2'-bipyridine V. P. Mar'kov, V. V. TSapkin Zhur. neorg. khim 7 no 3: 490-497 Mr '62.

Pyrocatechol complexes of uranyl S. IA. Shnaiderman, E. V. Galinker. Zhur. neorg. khim 7 no 2 279-283 F '62

URANYL NITRATE

Reciprocal solubility in water systems containing uranyl nitrate and nitrates of other elements [with summary in English]. M. A. IAkimov, N. F. Nosova Vest. LGU 17 no. 4 106-114 '62

URANYL SALTS

Certain properties of chelate-type salts of uranyl with Schiff bases I. A. Savich and others Zhur. neorg. khim 7 no 3 496-500 Mr '62

URAZOLE

Aryldithiourazoles, substituted monophenylhydrazodithiocarbonamides R. G. Dubenko, P. S. Pel'kis. Zhur. ob. khim 32 no. 3 939-942 Mr '62.

UREA

Complex compounds of monovalent copper with thiourea. Part 1 Compounds of cuprous chloride and bromide L. A. Slobtcheva, M. I. Usanovich, T. N. Sumarokova Zhur. ob. khim. 32 no 3 683-688 Mr '62.

Dehydrating action of urea. V. N. Shtok Vop. nefrokhir no. 2.43-48 '62

Improved butamide synthesis. I. M. Kherag, M. D. IAvlinskii, B. M. Savin. Med. prom. 16 no. 2 30-43 F '62.

Oxidation of thiourea on a rotating platinum anode. N. N. Kuz'mina, O. A. Songina. Izv. vys. ucheb. zav.; khim. i khim tekh 4 no. 6:928-935 '61

Sulfanilides. Part 2. N-sulfanyl derivatives of thiourea. M. S. Malinovskii, Z. F. Solomko, L. P. Glushko. Zhur. ob. khim. 32 no 3 728-731 Mr '62.

Using thiourea in the separation of metals by ion exchange E. I. Bykov. Izv. Sib. otd. AN SSSR no. 12:72-77 '61.

UREA—PHYSIOLOGICAL EFFECT

Influence of urea on the effects of nerve actions on the heart muscle [with summary in English] A. A. Mazurok. Biul. eksp. biol. i med. 52 no. 7:15-17 Jl '61

UREA—TOXICOLOGY

Effect of circulatory disorders and pulmonary edema on the appearance and course of infectious processes (pneumonia). Report No. 2: Effect of pulmonary edema produced by thiourea on the development of pneumonia [with summary in English] N. G. Palkov. Biul. eksp. biol. i med. 52 no. 11:47-50 N '61.

Toxicity of dichloral urea [with summary in English]. G. V. Lomonova Gig. truda i prof. zab. 4 no 12.27-31 D '60.

UREMIA

Multiformity of uremic states. O. S. Rabil', Kaz. med. zhur. no. 1:3-9 Ja-F '62.

URETERS—FOREIGN BODIES

Removal of a foreign body from the ureter. V. S. Girfanov. Kaz. med. zhur. no. 1.64-65 Ja-F '62.

URETERS—INNERVATION

New morphologic and experimental data on the innervation of the ureter of a rabbit K. S. Shevchuk Nauch. dokl. vys. shkoly, biol. nauki no 1 62-68 '62.

URETERS—SURGERY

Resection of the ureter with subsequent ureteropyelonephrostomies. N. S. Rankovskii. Vest. khir. no. 3:129-130 '62.

URETHANES

Materials for the study of the neural regulation of the complement function of the blood [with summary in English]. V. I. Luk'ianenko. Biul. eksp. biol. i med. 52 no. 11:92-94 N '61.

URETHRA—DISEASES

Postrichomonal urethritis. N. S. Liakhovitskii. Sov. med. 25 no. 2:91-94 F '62

URINARY ORGANS—RADIOGRAPHY

Combined contrast in the X-ray examination of tumors of the urinary bladder V. M. Perel'man Vest rent i rad 37 no 1,70-71 Ja-F '62

Importance of intravenous urography in adenoma of the prostate A. F. Burmistrova. Kaz. med.zhur. no.1 12-13 Ja-F '62

URINE—ANALYSIS AND PATHOLOGY

Calorimetric determination of lead in the urine O. M. Gulina Gig. truda i prof. zab. 4 no 11 58-60 N '60.

Change in the content of sodium and potassium ions in human urine and saliva during "elevations" to altitudes of 5,000 and 6,000 m in a pressure chamber [with summary in English] A. S. Barer, G. V. Likhovieva. Biul. eksp. biol. i med. 53 no 1 63-65 Ja '62.

Evaluation of the indications of uropepsin elimination in normal persons I. P. Smirnov Vrach. delo no 2 139-140 F '62.

Urinary excretion of aminoimidazolecarboxamide in patients with leucosis [with summary in English] G. IA. Vilenkina, F. E. Fainshtein Vop. med. khim. 7 no 3 301-305 My-Je '61

Urinary excretion of 5-hydroxyindoleacetic acid in some diseases of the nervous system [with summary in English] I. L. Vaisvel'd Vop. med. khim. 7 no 3 309-313 My-Je '61

URINE—INCONTINENCE

Treating enuresis in children with aloe extract A. T. Fomin Fel'd i akush. 27 no 2 41 F '62

URINE—SECRETION

Diuretic action of novurit and diacarb in circulatory insufficiency U. B. Sharapov Kardiologiia 1 no 3 72-80 My-Je '61

UROLOGY see subdivision under Gomel' Province

UROPEPSIN

Characteristics of uropepsin excretion in healthy children in relation to their age [with summary in English] R. I. Zeits Vop. okh. mat. i det. 7 no. 2 27-33 F '62

Evaluation of the indications of uropepsin elimination in normal persons. I. P. Smirnov Vrach. delo no 2 139-140 F '62

URSHAL'—COOPERATIVE SOCIETIES

In a workers' cooperative society A. Eliseev Sov. potreb. koop. 8 no 3 38-39 Mr '62

URUGUAY—COMMUNIST PARTY

Our party is growing stronger and the number of its members has increased. Alberto Altesor. Part. zhizn' no 7:68-70 Ap '62

URUSHTEN VALLEY—EPIDOTE

Find of epidote containing strontium and rare earths in the Northern Caucasus. G. D. Afanas'ev, V. V. Ploshko, G. M. Varshal. Dokl. AN SSSR 143 no 3,682-685 Mr '62

USENKO, PAVLO MATVIIOVYCH, 1902-

The Communist Youth League is still young. S. Kryzhanivs'kyi Ukraina no 2:14 Ja '62

USSURI RIVER—WATER RESOURCES DEVELOPMENT

Brief survey of research on the development of water resources in the basin of the Ussuri River A. V. Stotsenko, V. G. Chernenko. Amur sbor. no 2:20-32 '60

USSURI VALLEY—THAWING

Water losses from snow in the drainage basins of mountain rivers in the upper course of the Ussuri River. P. A. Uiyvaev. Meteor. i gidrol. no 3 45-48 Mr '62.

USSURIYSK—MACARONI

Macaroni factory of the Ussuriysk City Food Combine. A. S. TSoi. Khleb. i kond. prom. 6 no 3:44-45 Mr '62.

UST'-KAMENOGORSK—EFFICIENCY, INDUSTRIAL

Signs of our days. R. Kulikova. Komsom. zhizn' no. 4: 23-24 F '62.

UST'-KAMENOGORSK—INDUSTRIAL RELATIONS

Signs of our days. R. Kulikova. Komsom. zhizn' no. 4: 22-24 F '62.

UST'-RUDITSY—GLASS, COLORED

The activities of M. V. Lomonosov as architect and builder. S. Kilesso. Stroi. i arkhit. 9 no 11 36-37 N '61.

USTINOVA, MARIIA TERENT'EVNA

Mariia Terent'evna Ustinova Med. sestra 21 no 2 56 F '62

UTERUS

Contractile activity of the uterus in pregnancy according to the data of 5-channel external hysterography M. IA. Martynshin. Kaz. med. zhur. no. 5:56-58 S-O '61

Effect of aminazine on the contractile activity of the uterus F. M. Sabirov. Kaz. med. zhur. no 5,55-56 S-O '61.

Water-soluble myofibril proteins of the myometrium [with summary in English]. I. I. Ivanov and others. Vop. med. khim. 7 no. 4:384-390 Jl-Ag '61.

UTERUS—ABNORMITIES AND DEFORMITIES

Birth of twins in a woman with a uterus bicornis. A. P. Kenar. Kaz. med. zhur. no. 1,65-66 Ja-F '62.

Early diagnosis of pregnancy in a rudimentary horn of the uterus F. I. Mirzoev Azerb. med. zhur. no 12 31-33 D '61.

Pregnancy and the course of labor in the case of a double uterus. V. S. Pakut', V. P. Shirochina Zdrav. Bel. 8 no. 1:62-63 Ja '62.

UTERUS—CANCER

Clinical observations of choriocpithelioma of the uterus M. A. Davydova Sov. med. 25 no 2 135-137 F '62

Double uterus and vagina with a cancerous growth in one cervix E. V. Liubarskaia. Med. zhur. Uzb. no 1 85 Ja '62.

UTERUS—HEMORRHAGE see Hemorrhage, Uterine

UTERUS—SURGERY

Arrest of early postpartum hemorrhages by ligations on the cervical wall of the uterus M. D. Voevodina. Kaz. med. zhur. no 5 65-66 S-O '61

UTERUS—TUBERCULOSIS

Special course of tuberculosis of the adnexa uteri. T. K. Orlov. Zdrav. Bel. 8 no. 1 63-64 Ja '62

UZBEK EMBROIDERY see Embroidery, Uzbek

UZBEK LANGUAGE—AFFIXES

Correlation between word-forming suffixes of adjectives in the Russian and Uzbek languages. K. A. Tursunkulova. Obshchestv. nauki v Uz. 6 no 1 58-60 '62

UZBEK MUSIC see Music, Uzbek

UZBEKISTAN—BALLET

"Kashmir legend" A. Kabulov. Uzbekiston 21 no 1, 21 Ja '62

UZBEKISTAN—BRYONIA

New alkaloid-bearing plant in Uzbekistan M. Nabiev. Trudy TashGU no. 187 231-234 '61

UZBEKISTAN—BUILDING MATERIALS INDUSTRY

Factory as a laboratory V. Akimov. Uzbekiston 21 no 1 12 Ja '62.

UZBEKISTAN—CARNIVORA

[Fauna of the Uzbek S. S. R.] Fauna Uzbekskoi SSR. Tashkent, Izd-vo Akad. nauk Uzbekskoi SSR.
Vol. 3. Ishunin, G. I. [Mammals (carnivores and ungulates)] Mlekopitaiushchie (khishchnye i kopytnye). 1961. 229 p.

UZBEKISTAN—COMMUNIST PARTY OF THE SOVIET UNION—CONGRESSES

The Seventh Congress of the Communist Party of Uzbekistan. D. Pak. Komm. Uz. 34 no. 1,83-91 Ja '62.

UZBEKISTAN—CONSTRUCTION INDUSTRY

Republic in the course of construction. Interview with S. I. Ibragimov. Uzbekiston 21 no 2:11 F '62.

UZBEKISTAN—COPPERSMITHING

Sergeev, B. [Copperwork] Chekanka po medi. Tashkent, Gos. izd-vo khudozh. lit-ry, 1960, 55 p.
(NN)

UZBEKISTAN—CORRESPONDENCE SCHOOLS AND COURSES

Let's improve the work of correspondence departments in the institutions of higher education. G. Shur. Komm. Uz. 34 no. 1:49-54 Ja '62.

UZBEKISTAN—COTTON—DISEASES AND PESTS

Use of antibiotics in the control of gummosis in cotton in Uzbekistan S. A. Askarova Trudy Vses. inst. sel'khoz. mikrobiol. 17 51-59 '60.

UZBEKISTAN—COTTON GROWING

Beacon light in the steppe. N. Borlskin, N. Alcev. Uzbekiston 21 no. 1:14 Ja '62.

Developing the economic and technical resources of cotton growing farms. R. Kurbanov. Komm. Uz. 34 no. 1:15-22 Ja '62.

History of the restoration of cotton growing in Uzbekistan K. IUsupov. Obshchestv. nauki v Uz. 6 no. 1:34-39 '62.

In the schools for specialists. M. Ibrashev. Komsom. zhizn' no 4 8-9 F '62.

Notes of an observer. Uzbekiston 21 no. 2:2-3 F '62.

UZBEKISTAN—COTTON MACHINERY

Machinery industry for cotton growers. Koshevnikov. Mashinostroitel' no. 3,8 Mr '62.

UZBEKISTAN—DECORATION AND ORNAMENT, ARCHITECTURAL

Rempel', L. I. [Architectural ornament in Uzbekistan; history of its development and a theory of its construction] Arkhitekturnyi ornament Uzbekistana; istoriia razvitiia i teoriia postroeniia. Nauchn. red. G. A. Pugachenkovoi. Tashkent, Gos. izd-vo khudozh. lit-ry, UzSSR, 1961. 602 p.
(CU)

UZBEKISTAN—DESCRIPTION AND TRAVEL

Stefanova, Liliana [I shall remember you, Uzbekistan, traveler's notes] Budu pomnit' tebia, Uzbekistan, putevye zametki. Tashkent, Gos. izd-vo khudozh. lit-ry UzSSR, 1960. 142 p.

UZBEKISTAN—DICOTYLEDONS

[Flora of Uzbekistan] Flora Uzbekistana. Tashkent, Izd-vo Akad. nauk Uzbekskoi SSR.
Vol. 5. 1961. 666 p.

UZBEKISTAN—DRY FARMING

Vyezdnaia sessiia po voprosam sovetolania i ulucheniia bogarnogo zemledeliia v Uzbekistane, 1960 [Materials of the Out-Session Devoted to the Problems of the Study and Improvement of Dry Farming in the Uzbek S. S. R.] Materialy vyezdnoi sessii, posviashchennoi voprosam sovetolania i uluchsheniia bogarnogo zemledeliia respubliki. Tashkent, Uzbekskaia Akad. sel'khoz. nauk, 1961. 132 p.
(DA)

UZBEKISTAN—DYSENTERY

Clinical aspects of combined forms of bacterial dysentery and giardiasis in southern Uzbekistan. P. N. Ivanov. Med. zhur. Uzb. no. 4,24-26 Ap '60

UZBEKISTAN—ECONOMIC CONDITIONS

"Historical experience in the building of socialism in Uzbekistan, 1917-1937" by V. IA. Nepomnin. Reviewed by IU. N. Alekseev, IA. M. Seryi. Vop. ist. no. 4,139-141 Ap '62

Marked by the historical decisions of the 22d Congress of the CPSU. Komm. Uz. 34 no. 1:3-14 Ja '62.

We know our goals and see our road. Let's start to work! Komm. Uz. 34 no. 2:3-11 F '62.

UZBEKISTAN—ECONOMIC POLICY

Road to plenty Interview with Sh. A. Khodzhaev. Uzbekiston 21 no 1,13 Ja '62.

UZBEKISTAN—EDUCATION, HIGHER

Education of our future specialists should correspond to the solution of our new problems. T. Sarymsakov. Komm. Uz. 34 no. 2 10-18 F '62.

UZBEKISTAN—EYE—WOUNDS AND INJURIES

Industrial injuries of the eye and their prevention at the Uzbek Lenin Metallurgical Works. Kh. K. Kadyrov, S. S. Mamedov. Med. zhur. Uzb. no. 4:54-57 Ap '60

UZBEKISTAN—FARM MECHANIZATION

Beacon light in the steppe N. Borlskin, N. Alcev. Uzbekiston 21 no. 1:14 Ja '62.

UZBEKISTAN—FARM PRODUCE—COSTS

Possibilities for lowering the production costs of agricultural products. Kh. Dzhalilov. Komm. Uz. 34 no. 1:23-32 Ja '62.

UZBEKISTAN—FLIES—EXTERMINATION

Use of the new insecticide trichlorometaphosphate for the control of fly larvae in Tashkent and Yangi-Yul. E. S. Gvozdeva Med. zhur. Uzb. no 1:79-80 Ja '62

UZBEKISTAN—GIARDIASIS

Clinical aspects of combined forms of bacterial dysentery and giardiasis in southern Uzbekistan. P. N. Ivanov. Med. zhur. Uzb. no. 4:24-26 Ap '60.

UZBEKISTAN—GRAPES—VARIETIES

Biochemic characteristics of grape varieties grown in Uzbekistan L. V. Milovanova, V. A. Berg, G. B. Ka... Trudy Nauch.-issl. inst. sad., vin. 24 41-54 '61

Two varieties of grapes on one cluster. S. Churilov. Priroda 51 no. 3:110 Mr '62.

UZBEKISTAN—HISTORY

Development of historical science in the light of the program of the CPSU K. E. Zhitov. Obshchestv. nauki v Uz. 6 no. 1 11-17 '62.

"Formation of the Uzbek socialist nation" by M. Vakhabov. Reviewed by K. Zhitov. Komm. Uz. 34 no. 1 92-95 Ja '62.

Vakhabov, M. G. [Formation of the Uzbek socialist nation] Formirovanie uzbekskoi sotsialisticheskoi natsii. Tashkent, Gos. izd-vo Uzbekskoi SSR, 1961. 556 p.

UZBEKISTAN—INSECTS—CATALOGS AND COLLECTIONS

Entomologic collections at the Natural Museum of the Academy of Sciences of the Uzbek S. S. R. A. A. Ivanova. Uzb. biol. zhur. 6 no. 1,63-66 '62.

UZBEKISTAN—INSURANCE, SOCIAL

Uzbekistan. Sots. obesp. 23 no. 3:25-32 Mr '62.

UZBEKISTAN—INTERNATIONAL STATUS

Sovereignty of the Uzbek S. S. R. as an equal member of the Soviet Federation, the U. S. S. R., and its international status. M. V. IAnovskii. Obshchestv. nauki v Uz. 6 no 1:18-26 '62.

UZBEKISTAN—KNOTWEED

Basic results of the research on knotweed Polygonum corfarium Grig. S. Kh. Chevrenidi. Trudy Inst. Gen. 187:103-209 '61.

UZBEKISTAN—LABOR AND LABORING CLASSES—DWELLINGS

How the Communist Party tries to improve the housing of workers. M. Artykov. Komm. Uz. 34 no. 1, 38-40 Ja '62.

UZBEKISTAN—LEPTOSPIROSIS

Outbreak of Pomona type anicteric leptospirosis preceded by Q-fever. I. A. Shifrin and others. Med. zhur. Uzb. no. 5:76-78 My '60.

UZBEKISTAN—MEDICAL JURISPRUDENCE

Useful exchange of opinion on forensic medicine. G. Abdumadzhidov, G. Sarkisiants. Obshchestv. nauki v Uz. 6 no. 1 66-67 '61.

UZBEKISTAN—MEDICAL RESEARCH

Organizing research work in medical colleges. I. I. Atakhanov. Med. zhur. Uzb. no. 5:3-6 My '60.

The 22d Congress of the CPSU and medical research in Uzbekistan. E. I. Atakhanov. Med. zhur. Uzb. no. 1 3-12 Ja '62.

UZBEKISTAN—MOHAMMEDANISM

Sukharova, O. A. [Islam in Uzbekistan] Islam v Uzbekistane. Tashkent, Akad. nauk Uzbekskoi SSR, 1960. 84 p.
(MII)

UZBEKISTAN—MOTION-PICTURE PLAYS

New motion pictures. Turab Tula. Uzbekiston 21 no. 1, 17 Ja '62.

UZBEKISTAN—PISTACHIO

In the Babatag forest. Uzbekiston 21 no. 2 20 F '62.

UZBEKISTAN—PLANT COMMUNITIES

Effect of the degree of soil salinity on the distribution of plants. N. I. Akzhigitova. Trudy TashGU no. 187 95-101 '61.

UZBEKISTAN—PUBLIC HEALTH

Some results of the work of public health organs and institutions in Uzbekistan during the first 2 years of the 7-year plan. L. IA. Dekhto. Med. zhur. Uzb. no. 1 91-93 Ja '62.

UZBEKISTAN—RELATIONS (GENERAL) WITH GHANA

Guest from Africa. Uzbekiston 21 no. 2-9 F '62.

UZBEKISTAN—SEISMIC PROSPECTING

Some data on seismic waves corresponding to the layer beneath the crust. B. S. Vol'vovskii, I. S. Vol'vovskii, V. Z. Riaboi. Prikl. geofiz. no. 31, 3-10 '61.

UZBEKISTAN—THEATER

Infatuated "Tashbolta." Tursun Sabirov. Uzbekiston 21 no. 2, 17 F '62.

UZBEKISTAN—UNGULATA

[Fauna of the Uzbek S. S. R.] Fauna Uzbekskoi SSR. Tashkent, Izd-vo Akad. nauk Uzbekskoi SSR
Vol. 3. Ishunin, G. I. [Mammals (carnivores and ungulates)] Mlekopitaiushchie (khishchnye i kopytnye). 1961. 220 p.

UZBEKISTAN—WAGES—COTTON GROWING

Improving the organization of work and wages in the cotton growing of Uzbekistan. V. Gabidullin. Biul. nauch. inform.-trud. i zar. plata 5 no. 3 47-51 '62.

UZBEKISTAN—WOMEN AS FARMERS

"What is dear to the heart" by Tursunoi Akhunova. Reviewed by Z. Ivanova. V mire knig 2 no. 2-7-8 F '62.

UZBEKISTAN—WOMEN IN POLITICS

Gavkhar Khaidarova, the mayor of Chirchik. V. Molchanov, IU. Kotler. Sov. Soiuz no. 3:26-27 '62.

UZBEKISTAN—WOODY PLANTS

Developmental features of the root systems of woody plants in dry farming areas of Uzbekistan. L. S. Polonskaia. Les. khoz. 15 no. 3 40-41 Mr '62.

UZBEKISTAN—YOUTH—EMPLOYMENT

Achievements of the seven-year plan. M. Ibragimov. Mol. komm. no. 4:79-84 Ap '62.

UZUN-BULAK (KAZAKHSTAN)—SHEPHERDS

Pastures in the high mountains. D. Eppel'. Sov. kras. krest. 11 no. 4:8 Jl-Ag '61.

VACATIONS

Vacation for workers in forestry and forest industries. E. I. Nemirovskii. Les. khoz. 15 no. 3 88-90 Mr '62.

VACATIONS, EMPLOYEE

Our consultations. Sov. profsoiuzy 18 no. 7:45-47 Ap '62.

Vacation for workers in forestry and lumbering. E. I. Nemirovskii. Les. khoz. 15 no. 2:85-88 F '62.

VACCINATION

Case of excessive reactivity to tularemia vaccination. E. A. Zykina. Vrach. delo no. 2 143-144 F '62.

Preventive inoculation file at a feldsher and midwife station. N. P. Tokarchik. Fel'd. i akush. 27 no. 1, 52-53 Ja '62.

VACCINES

Antirabies vaccine not producing postvaccinal neuroparalytic complications [with summary in English]. I. A. Svet-Moldavskaia, G. IA. Svet-Moldavskii. Vop. virus. 7 no. 1 68-71 Ja-F '61.

Comparative study of Soviet and foreign smallpox vaccines [with summary in English]. S. S. Marennikova, E. B. Gurvich, Z. I. Ogorodnikova. Vop. virus. 7 no. 1 62-68 Ja-F '62.

Hyaluronidase and hyaluronic acid in some manifestations of infection and immunity. Report No. 6. Effect of hyaluronidase and hyaluronic acid on the reactivity to tetravaccine and the preventive properties of immune sera [with summary in English]. M. I. Alaverdian. Biul. eksp. biol. i med. 53 no. 1 81-85 Ja '62.

Immunological changes in children vaccinated with a dry alcoholic typhoid-paratyphoid B divaccine [with summary in English]. I. L. Kovalevskaia and others. Zhur. mikrobiol., epid. i immun. 33 no. 1 46-50 Ja '62.

Morphology of the active and inhibitory phases of immunity in guinea pigs immunized with heated vaccine from the paratyphoid A bacillus [with summary in English]. A. M. Igonin, E. M. Zamakov. Biul. eksp. biol. i med. 52 no. 11, 80-84 N '61.

Physicochemical and electron microscope characteristics of aluminum hydroxide as a depositing substance prepared by various methods [with summary in English]. N. N. Vasil'ev, A. A. Vorob'ev. Zhur. mikrobiol., epid. i immun. 33 no. 2 73-77 F '62.

Seasonal fluctuations in the reactivity to live influenza vaccines. V. M. Zhdanov, V. V. Ritova. Vest. AMN SSSR 17 no. 2:3-9 '62.

Ways for improving dysenteric vaccines and calculating their effectiveness [with summary in English]. R. V. Epshtein-Litvak and others. Zhur. mikrobiol., epid. i immun. 33 no. 1:22-28 Ja '62.

VACUUM

Obtaining a superhigh vacuum by means of ordinary pumping systems. M. V. Tikhomirov, IU. IA. Shavarin. Prib. i tekh. eksp. 7 no. 1 137-141 Ja-F '62.

VACUUM APPARATUS

Dehydration of sewage sediments on vacuum filters. I. S. Turovskii. Sbor. nauch.-rab. AKKH no. 6 199-216 '61.

Vacuum evaporation unit for press bouillons of the IVN brand. Ryb. khoz. 38 no. 3 89-91 '62.

VACUUM GAUGES

Analysis of circuits and operating conditions for manometers in Pirani vacuum gauges [with summary in English]. A. V. Bulyga. Inzh.-fiz. zhur. 5 no. 3 72-79 Mr '62.

VACUUM METALLURGY

Kalinnikov, E. S. [Vacuum in the production of steel] Vakuum v proizvodstve stali. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1962. 159 p.

VACUUM TECHNOLOGY

Effect of modifiers and certain other factors on the quality of hollow castings prepared by vacuum crystallization. V. E. Neimark. Lit. proizv. no. 3 24-26 Mr '62.

Technology of vacuum treating three-layer bent glass in open boxes. A. P. Aleksandrov. Stek i ker. 19 no. 3 13-14 Mr '62.

VAGINA—ABNORMITIES AND DEFORMITIES

Case of lack of a vagina in a 20-year-old girl. S. K. Kasymov. Med. zhur. Uzb. no. 1:64 Ja '62.

VAGINA—DISEASES

Case of toxicodermatitis caused by urotropine in the treatment of trichomonal colpitis. M. K. Manukian. Fel'd. i akush. 27 no. 1 53-54 Ja '62.

VAGINA—TUMORS

Chorionepithelioma in completed pregnancy. S. A. Adintsova, V. P. Il'inov. Med. zhur. Uzb. no. 1 86-87 Ja '62.

VAGINAL SMEARS

Comparative evaluation of laboratory methods for diagnosing the discharge of amniotic fluids. S. V. Kisin, N. S. Molchanova. Kaz. med. zhur. no. 1 60-63 Ja-F '62.

Cytological and bacterioscopic studies of vaginal smears in children of school age [with summary in English]. S. E. Pollak, N. M. Sadovskaia. Vop. okh. mat. i det. 7 no. 2:67-69 F '62.

VAGUS NERVE

Change in the influence of the vagus nerve on the heart and latter's functional condition following intravenous administration of $CaCl_2$. Z. R. IUnusov. Med. zhur. Uzb. no. 4:46-49 Ap '60.

Development of the nodular ganglion of the vagus nerve in dogs. M. G. Gullamov. Med. zhur. Uzb. no. 1 73-76 Ja '62.

Dynamics of cardiac activity and of the P wave in the electrocardiogram during excitation of the vagus nerve after disruption of inhibition [with summary in English]. A. I. Smirnov, S. V. Tolova, T. N. Kovaleva. Biul. eksp. biol. i med. 52 no. 11:7-13 N '61.

Influence of urea on the effects of nerve actions on the heart muscle [with summary in English]. A. A. Mazurok. Biul. eksp. biol. i med. 52 no. 7:15-17 Jl '61.

VAKHITOV, MULLANUR, 1885-1918

"Mullanur Vakhitov" by R. Nafigov. Reviewed by A. A. Tarasov, IA. D. Chanyshev. Ist. SSSR 6 no. 2 166-168 Mr-Ap '62.

VAKHNIANYN, ANATOL' KLYMENTOVYCH, 1841-1908

Hrynevets'kyi, I. O. [A. K. Vakhnianyn; an account of his life and works] A. K. Vakhnianyn, narys pro zhittia i tvorchist'. Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry URSR, 1961. 31 p.

VAKHSH VALLEY—MOSQUITOES

Data on the autumnal phenology of Anopheles superpictus in the middle of the Vakhsh Valley. V. V. Almazova. Sbor. rab. po mal. i gel'min. no. 2 109-116 '59.

Data on the ecology of Anopheles superpictus in the middle Vakhsh Valley. O. F. Buianova. Sbor. rab. po mal. i gel'min. no. 2 101-107 '59.

Some observations on Anopheles superpictus in the upper Vakhsh Valley. L. IA. Il'iashenko. Sbor. rab. po mal. i gel'min. no. 2 119-123 '59.

VAKHSH VALLEY—SUDAN GRASS

Sudan grass in dry areas of the Obi-Kilik plain. V. N. Litvinov, M. A. Ermolenko, V. G. Agalina. Trudy Inst. zhiv. i vet. AN Tadzh. SSR 4 no. 5 129-152 '60.

VAKHTANOV, EVGENII BOGRATIONOVICH, 1883-1922

Vakhtanov, E. B. [Evg. Vakhtanov, materials and articles] Evg. Vakhtanov; materialy i stat'i. [Sost. i red. L. D. Vendrovskaia] Moskva, Vseros. teatral'noe ob-vo, 1959. 466 p.
(NPV) (CoU)

VALERIAN

(see also subdivision under Leningrad Province)

Dynamics of the accumulation of essential oils in the roots and rhizomes of Valeriana stolonifera Czr. K. E. Koreshchuk. Trudy Len. khim.-farm. inst. 12 209-212 '61.

VALINE

Biosynthesis of valine and its keto analogue in sunflower sprouts. V. L. Kretovich, Z. S. Nagan. Dokl. AN SSSR 143 no. 3 727-729 Mr '62.

VALLEYS

Motion of air in valleys. L. A. Gutman. Meteor. i gidrol. no. 3:3-8 Mr '62.

VALUE

Distribution according to labor and the law of value. V. Medvedev, V. Kotelkin. Vop. ekon. no. 3 49-56 Mr '62.

Khudokormov, G. N. [Commodity production and the law of value under socialism] Tovarnoe proizvodstvo i zakon stoimosti pri sotsializme. Moskva, Gos. izd-vo "Vysshaia shkola," 19621. 110 p.

VALVES

Improving the starter valve for the RDV-148 engine. N. Byatienin. Rech. transp. 21 no. 2:40 F '62.

VANADIUM

Effect of carbon and vanadium on the properties of iron-base austenite alloys. K. V. Gorev, L. I. Shvedov. Dokl. AN BSSR 5 no. 10 455-457 O '61.

VANADIUM BROMIDES

Thermodynamic characteristics of vanadium bromides. S. A. Shchukarev, T. A. Tolmacheva, V. M. TSintsius. Zhur. neorg. khim. 7 no. 3 676-681 Mr '62.

VANADIUM-CERIUM ALLOYS

Phase diagram of the vanadium - cerium system. E. M. Savitskii, V. V. Baron, IU. V. Efimov. Zhur. neorg. khim. 7 no. 3 701-703 Mr '62.

VANADIUM COMPOUNDS

Oxidation-reduction properties of bivalent vanadium compounds. I. P. Alimarin and others. Zhur. neorg. khim. 7 no. 2 298-304 F '62.

VANADIUM OXIDE

Determination of vanadium in different valent states. V. L. Zolotavin, L. B. Levashova. Zav. lab. 28 no. 2: 161-164 '62.

VANADIUM SULFATE

Therapeutic effect of the sodium salt of phenylethylacetic acid, vanadyl sulfate, and their combinations in experimental atherosclerosis. V. V. Korkhov. Dokl. AN SSSR 143 no. 3:724-726 Mr '62.

VANAGS, GUSTAVS, 1891—BIBLIOGRAPHY see Bibliography—Vanags, Gustavs, 1891-

VANCH DISTRICT—MALARIA

Some results of a malariological investigation of Vanch District in 1956. B. I. Isetov. Sbor. rab. po mal. i gel'min. no. 2 81-87 '59.

VANI DISTRICT—COLLECTIVE FARMS—LABOR PRODUCTIVITY

Present standard of labor productivity and the ways for raising it on collective farms of Vani District. G. V. Nikoleishvili. Subtrop. kul't. no. 4:113-117 '61.

VANIAZHSKII, GRIGORII L'VOVICH, 1870-1960
Obituary Gig truda i prof zab 5 no 6 63 Je '61

VAPOR CONDENSERS see Condensers (Vapors and gases)

VAPOR-LIQUID EQUILIBRIUM
Chemical stability of molten cryolite V. P. Mashovets, N. A. Novikova, Izv. vys. ucheb. zav., tsvet met. 5 no. 2 78-80 '62.

VAPOR PLATING
Formation of textured nitride layers on chromium obtained by condensation in vacuum from the vapor phase B. M. Vasiutinskii and others Fiz. met. i metalloved. 13 no. 2 310-311 '62

VAPOR PRESSURE
Determination of the saturated vapor pressure of metallic thallium S. A. Shchukarev, G. A. Semenov, I. A. Rat'kovskii Zhur. neorg. khim. 7 no. 3 469-471 Mr '62
Isotopic effect on vapor pressure I. B. Rabinovich Usp. khim. 31 no. 1 101-152 Ja '62
Vapor pressure of the systems KCl - C_2H_5OH - H_2O, $CaCl_2$ - C_2H_5OH - H_2O and $CH_3OC_{10}H_7$ - C_2H_5OH - H_2O V. F. Sergeeva, M. A. Mishchenko Zhur. ob. khim. 32 no. 3 676-683 Mr '62
Water vapor pressure in the system $Mg(ClO_4)_2$ - $HClO_4$ - H_2O L. S. Lilich, R. S. Smirnova, A. I. Okatova Zhur. neorg. khim. 7 no. 2 377-378 F '62

VAPOR PRESSURE—MEASUREMENT
Changes in the vapor pressure of alkali metals in the range of 10^{-5} to 10^{-2}mm of a mercury column S. IA. Lebedev, IU. IA. Stavitskii Prib. i tekh. eksp. 7 no. 1 142-144 Ja-F '62

VARIABLE STARS see Stars, Variable

VARIATION (BIOLOGY)
Interaction of ethylenimine with gene proteins and hereditary variation [with summary in English]. I. A. Rapoport. Biul. MOIP. Otd. biol. 67 no. 1 96-114 Ja-F '62.

VARICELLA see Chicken pox

VARICOSE VEINS see Varix

VARIOLA see Smallpox

VARIOMETER, MAGNETIC see Magnetic variometer

VARIX
Respiratory phenomenon in varicose venous dilatation of the lower extremities. V. S. Mzhel'skii. Vest. khir. no. 8, 49-52 '61
Tal'man, I. M. [Varicose dilatation of the veins of the lower extremities] Varikoznoe rasshirenie ven nizhnikh konechnostei [Leningrad] Medgiz, 1961. 140 p. (DNLM)
Varicose veins of the lower extremities I. M. Tal'man. Med. sestra 20 no. 12, 12-17 D '61

VARVARA RESERVOIR—CHIRONOMIDAE
Studying the metamorphosis of Tanytarsus lauterborni Kieffer in Varvara Reservoir A. G. Kasymov, A. R. Khalilov Dokl. AN Azerb. SSR 18 no. 1 89-91 '62

VASES, GREEK see subdivision under Taman' Peninsula

VASIL'KOVO—PSYCHIATRIC HOSPITALS
Establishment of the open door principle in the Vasil'kovo Psychiatric Colony. A. P. Chuprikov Vrach. delo no. 2 147 F '62

VASODILATORS
Clinical evaluation of the use of a new soviet preparation, eminit, in chronic coronary insufficiency and the signs of stenocardia [with summary in English] V. N. Dziak. Terap. arkh. 34 no. 2, 38-42 '62.
Use of new medicinal substances with hypotensive effect in late toxemias of pregnancy. A. M. Foi. Kaz. med. zhur. no. 1 56-58 Ja-F '62.

VASOMOTOR NERVOUS SYSTEM see Nervous system, Vasomotor

VECTOR ANALYSIS
Gol'dfain, L. A. [Vector analysis and field theory] Vektornyi analiz i teoriia polia. Pod red. R. S. Gutera. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1962. 132 p. (Izbrannye glavy vysshei matematiki dlia inzhenerov i studentov vtuzov)
Semicharacteristic and characteristic subalgebras of the standard algebra. G. B. Gurevich. Trudy Sem. po vekt. i tenz. anal. no. 11, 25-41 '61.
Solution of a special system of differential equations with constant coefficients. A. M. Lopshits. Trudy Sem. po vekt. i tenz. anal. no. 11, 129-140 '61
Vectors in a school geometry course. V. G. Boltianskii, I. M. IAglom. Mat. v shkole no. 2, 23-41 Mr-Ap '62.

VECTORCARDIOGRAPHY
Vectorcardiogram in bronchial asthma. A. A. Stupnitskii. Kaz. med. zhur. no. 5, 23 S-O '61.
Vectorcardiographic studies of chronic nonspecific lung diseases. N. A. Ivanova. Terap. arkh. 34 no. 3, 104-110 '62.

VEGETABLE GARDENING
[Concise manual for the foreman in vegetable-growing] Kratkii spravochnik brigadira-ovoshchevoda. [Leningrad] Lenizdat, 1961. 178 p. (DA)
Svetika, Pranas, and Jonas Eidziunas. [Vegetable gardening] Daržininkystė. Vilnius, Valstybinė politinės ir mokslinės literatūros leidykla, 1961. 622 p. [In Lithuanian] (DA)
Veveris, J., comp. [Vegetable growing] Dārzeņkopība. Rīga, Latvijas Valsts izdevniecība. [In Latvian]
Vol. 1 [Vegetable growing in the field] Lauku dārzeņkopība. 1961. 413 p. (DA)

VEGETABLE HYBRIDIZATION see Hybridization, Vegetable

VEGETABLES
(see also subdivision under Alma-Ata Province, Buryat-Mongolia)
Rich sources of vitamins K. Obkovatskaia Sov. potreb. koop. 6 no. 3 59-60 Mr '62

VEGETABLES—STORAGE see subdivision under China

VEHICLES, ELECTRIC see Electric vehicles

VELICHKOV—CORN (MAIZE)—DRYING
Use of the exhaust gases of a jet plane engine for drying corn on the cob in the Velichkov grain receiving center. I. Sirotenko, I. Vlaskov. Muk.-elev. prom. 28 no. 2, 10-11 F '62.

VELIKIY USTYUG—AUTOMOBILE RACING
Communist youth leaders on race tracks. A. Antipin. Za rul. 20 no. 3, 5 Mr '62.

VELIKIY USTYUG—MOTORCYCLE RACING
Communist youth leaders on race tracks. A. Antipin. Za rul. 20 no. 3 5 Mr '62

VENA AZYGOS—ABNORMITIES AND DEFORMITIES
Comparative morphology of a case of a double vena azygos. M. Santov. Med. zhur. Uzb. no. 5, 84-85 My '60

VENA CAVA
Collateral circulation within the system of the inferior vena cava following ligation [with summary in English]. E. G. Burmenko, P. N. Mazaev. Vest. khir. no. 8, 27-30 '61.

VENA CAVA—CALCIFICATION
Calcified thrombus of the superior vena cava. Arkh. pat. no. 3 74-76 '62.

VENA CAVA—DISEASES
Angiographic diagnosis of the "syndrome of the superior vena cava" [with summary in English] E. P. Dumpe Vest. rentg. i rad. 37 no. 1, 23-29 Ja-F '62

VENA CAVA—LIGATURE
Effect of ligation of the inferior vena cava on renal circulation, glomerular filtration, and tubular reabsorption [with summary in English]. V. I. Zenin. Grud. khir. 2 no. 3, 27-32 My-Je '60.

VENA CAVA—SURGERY
Closure of a defect of the inferior vena cava above the renal veins by transposition of its lower portion. F. Sh. Sharafislamov. Kaz. med. zhur. no. 1, 13-14 Ja-F '62.
Method for shunting the superior vena cava in forming a cavapulmonary anastomosis. M. V. Muraviev, F. N. Romashov, Li T'ing-min Grud. khir. 2 no. 1, 43-45 Ja-F '60.
New reconstructive plastic operation in occlusion of the superior vena cava. V. S. Savel'kov and others Grud. khir. 3 no. 6, 57-61 N-D '61
Some characteristics of oxygen deficiency during cava-pulmonary anastomosis [with summary in English] L. F. Sherdukalova Grud. khir. 1 no. 4, 35-44 Jl-Ag '59

VENEERS AND VENEERING
Blokhman, A. B. [Matching of planed veneer for furniture facing] Podbor stroganoi fanery i shpona dlia oblitsovki mebeli. Moskva, Goslesbumizdat, 1961. 65 p.

VENDING MACHINES
Don't forget about economics. A. Iotkovskii, N. Karasev, G. Volkhover. Sov. torg. 35 no. 3, 34-36 Mr '62.

VENELIN, IURII IVANOVICH, 1802-1839
IU. I. Venelin as collector and explorer of Ukrainian folklore. N. S. Shumada. Nar. tvorch. ta etn. 5 no. 4, 71-78 O-D '61.

VENOM
Effect of poisoning by venome on the higher nervous activity of mammals. N. M. Artemov. Nauch. dokl. vys. shkoly, biol. nauki no. 1, 88-92 '62.

VENOM—PHYSIOLOGICAL EFFECT
Novocaine block treatment of snake bites [with summary in English]. L. I. Gerasimenko. Sov. med. 25 no. 2, 115-118 F '62.

VENTILATION
Role of ventilation engineers in the work of [illegible] epidemiological stations E. V. Rykhter [illegible] prof. zab. 4 no. 2, 41-43 F '60

VENTURI TUBES
Measuring the discharge of a water-[illegible] Venturi tubes M. O. Sitin, S. H. Kobetskii [illegible] gidrol. i gidr. AN URSR 18, 68-75 '61

VENUS (PLANET)
Photographic photometry of Venus V. I. [illegible] zap. KIGU 91, 73-165 '57.

VERKHNIYE KAYRAKTY VALLEY—IRON [illegible] LINE AND METAMORPHIC
Petrography of metamorphosed rocks of the Verkhnie Kayrakty. M. IA. Filimonov, V. K. Mosich[illegible] trud. Kaz. GMI no. 10-231-237 '60.

VERKHOVSKII, IL'IA MOISEEVICH, 1891-
Professor I. M. Verkhovskii's anniversary [illegible] Oborg. i ud. 7 no. 1 56 '62

VERKHOYANSK RANGE—COAL GEOLOGY
Stratigraphy of Mesozoic coal-bearing [illegible] Ust'-Vilyuy gas-bearing region D. I. [illegible] Slastenov. Trudy VNIGRI no. 186 [illegible]

VERKHOYANSK RANGE—GEOLOGY, STRATIGRAPHY
Stratigraphy of Lower Triassic sediments [illegible] uplift (western Verkhoyansk Range) [illegible] Trudy VNIGRI no. 186 23-31 '61
Upper Jurassic sediments of the northern [illegible] Verkhoyansk trough N. M. Dzhinoridze [illegible] no. 186, 44-52 '61.

VERKHOYANSK RANGE—LAMELLIBRANCHIATA, FOSSIL
Complexes of Pelecypoda from Lower Jurassic sediments in the Vilyuy syneclise and the [illegible] in the Verkhoyansk piedmont region [illegible] Trudy VNIGRI no. 186 70-83 '61

VERKHOYANSK RANGE—PALYNOLOGY
Palynological basis for the isolation of [illegible] in the cross section of the Bukhaty [illegible] (Verkhoyansk trough) G. V. Dem'[illegible] no. 186 64-80 '61.

VERNALIZATION
Gibberellinlike substances and vernalization [with summary in English]. M. Kh. Chailakhian, L. N. Lozhnikova. Fiziol. rast. 9 no. 1 [illegible]
Vernalization of winter wheat under various [illegible] temperature and light. O. A. Nikiforov Agr[illegible] no. 1, 90-96 Ja-F '62.

VERTEBRAE—WOUNDS AND INJURIES
Kummell's traumatic spondylitis complicated by generalized amyloidosis. G. V. Molik-Ushakov [illegible] arkh. 34 no. 3, 120-122 '62

VERTEBRATES, FOSSIL
"In the world of ancient animals, romance [illegible] of vertebrates" by IU. A. Orlov Review [illegible] lev Vokrug. sveta no. 3, 63 Mr '62.

VERWOERD, HENDRIK FRENCH
The Fuehrer of the South African Reich [with summary in insert]. S. Valiev. Az. i Afr. [illegible] 28-29 Mr '62.

VESTIBULAR APPARATUS—DISEASES
Study of the sequelae of the vestibular [illegible] tis [with summary in French]. F. B. Berezi[illegible] nevr. i psikh. 62 no. 3, 356-360 '62.
Vestibular disorders in climacteric neurosis [with summary in English]. M. G. Aracheva. Akush. i ginek. med. 25 no. 2, 98-102 F '62.

VETCH
(see also subdivision under Novosibirsk [illegible])
Biological characteristics of the vetch Vicia [illegible] Fr. et Sint. G. G. Gonian. Izv. AN Armyan. SSR, biol. nauki 14 no. 11, 3-15 N '61.

VETCHLING
Methods accelerating the growth and development of vetchling Lathyrus Gmelinii (Fisch). V. [illegible] Trudy TSSBS no. 5, 55-60 '61.

VETERINARY ANATOMY
Bol', K. G., and B. K. Bol'. [Fundamentals of [illegible] logical anatomy of farm animals] Osnovy [illegible] skoi anatomii sel'skokhoziaistvennykh zhivotnykh, [illegible] izd. 3. Moskva, Gos. izd-vo sel'khoz. lit-ry, [illegible] i plakatov, 1961. 571 p. (Uchebniki i [illegible] dlia vysshikh sel'skokhoziaistvennykh uchebnykh [illegible] denii) (DA)

VETERINARY HELMINTHOLOGY
Pathogen of thelaziasis of cattle and its [illegible] A. A. Tukhmaniants, E. A. Shakhurian. [illegible] 6 no. 1, 40-44 '62.

VETERINARY MEDICINE

Imanov, E. D. [Virus diseases of farm animals] Virusnye bolezni sel'skokhoziaistvennykh zhivotnykh. Frunze, Kirgizskoe gos. izd-vo, 1960. 24 p. (DA)

VETERINARY PATHOLOGY

Bol', K. G., and B. K. Bol' [Fundamentals of the pathological anatomy of farm animals] Osnovy patologicheskoi anatomii sel'skokhoziaistvennykh zhivotnykh. Izd. 3. Moskva, Gos. izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 571 p. (Uchebniki i uchebnye posobiia dlia vysshikh sel'skokhoziaistvennykh uchebnykh zavedenii) (DA)

VETLUGA DISTRICT—ANTIQUITIES

Khalikov, A. Kh., and E. A. Bezukhova. [Materials on the early history of Vetluga, archaeological studies conducted during 1957 in the Vetluga District of Gorkiy Province] Materialy k drevnei istorii Povetluzh'ia, arkheologicheskie issledovaniia v Vetluzhskom raione Gor'kovskoi oblasti v 1957 godu. Gor'kii, Gor'kovskii gos. istoriko-arkhit. muzei-zapovednik, 1960. 58 p. (MH)

VETROGONSKII, V.

Song of work. L. Akimova. Iskusstvo 25 no. 2:25-27 '62.

VIBRATION

Determining the frequency of free vibrations by the deformation method. N. D. Dzhordzholiani. Soob. AN Gruz. SSR 28 no. 2:203-210 F '62.

Pisarenko, G. S. [Energy dissipation caused by mechanical vibrations] Rasseianie energii pri mekhanicheskikh kolebaniiakh. Kiev, Izd-vo Akad. nauk USSR, 1962. 435 p.

Riga conference concerning the problem of elastic vibrations in mechanical systems. I. I. Kandaurov. Energomashinostroenie 8 no. 1:44 Ja '62.

Self-excited vibrations considering properties of the energy source. K. V. Frolov. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 1:83-86 Ja-F '62.

VIBRATION—MEASUREMENT

Induction vibrometer with a mechanical system for measuring vibration amplitude. V. A. Povidailo, R. I. Silin. Avtom. i prib. no. 1:62-64 Ja-Mr '62.

VIBRATION—PHYSIOLOGICAL EFFECT

Character of the change in conditioned reflex reactions in man under the influence of carbon monoxide and vibration [with summary in English]. V. A. Shabalin. Biul. eksp. biol. i med. 53 no. 1:46-47 Ja '62.

Effect of vibrations on morbidity among female conductors and preventive measures. O. I. Barsukova. Gig. truda i prof. zab. 5 no. 6:45-46 Je '61.

VIBRATION (MARINE ENGINEERING)

Klukin, L. I. [Control of noise and sound vibrations on ships] Bor'ba s shumom i zvukovoi vibratsiei na sudakh. Leningrad, Sudpromgiz, 1961. 355 p.

VIBRATORS

Povidailo, V. A. [Design and construction of vibratory feeders] Raschet i konstruirovanie vibratsionnykh pitatelei. Moskva, Mashgiz, 1962. 149 p.

VIBRIO COMMA

Amino acid composition of Vibrio comma and Vibrio comma-like bacilli [with summary in English]. L. M. Pustovalova. Vop. med. khim. 7 no. 3:265-270 My-Je '61.

Relation of some halophilies to various concentrations of sodium chloride [with summary in English]. B. N. Kurochkin. Mikrobiologiia 31 no. 1:72-76 Ja-F '62.

VICALLOY—MAGNETIC PROPERTIES

Changes in the magnetic and crystal structure of vicalloy during tempering. I. M. Mugtai, M. G. Luzhinskaia, IA. S. Shur. Fiz. met. i metalloved. 13 no. 2:100-108 '62.

Nature of magnetic antisotropy in vicalloy. M. G. Luzhinskaia, IA. S. Shur. Fiz. met. i metalloved. 13 no. 1:49-53 Ja '62.

VIETNAM—COMMUNIST PARTY

New literature on the history of the communist movement in Vietnam. V. D. Vasil'tsov. Nar. Azii i Afr. no. 1:195-197 '62.

VIETNAM, NORTH—COMPOST

Manure-soil composts on the fields of Vietnam. Bui Gui Dap. Agrobiologiia no. 1:121-124 Ja-F '62.

VIETNAM, NORTH—FINANCE

The circulation of money in the Democratic Republic of Vietnam. V. S. Rastorguev. Krat. soob. Inst. nar. Az. no. 52:86-90 '62.

VIETNAM, SOUTH—COST AND STANDARD OF LIVING

In a faraway bay. Petro Bielov. Ukraina no. 6:26-27 Mr '62.

VIETNAM, SOUTH—LABOR AND LABORING CLASSES

South Vietnam struggles for its liberation. Huyn Van Tam. Vsem. prof. dvizh. no. 3:24-26 Mr '62.

VIETNAM, SOUTH—MILITARY ASSISTANCE, AMERICAN

Undeclared war. Nov. vrem. 20 no. 11, 2 Ap '62.

VIETNAM, SOUTH—POLITICS AND GOVERNMENT

South Vietnam struggles for its liberation. Huyn Van Tam. Vsem. prof. dvizh. no. 3:24-26 Mr '62.

They can't break our will! Nguen Van Tam. Sov. profsoiuzy 18 no. 1:43-44 F '62.

VIETNAMESE LANGUAGE—TRANSLITERATION INTO RUSSIAN

Russian transliteration of the Vietnamese language. T. T. Mkhitarian. Nar. Azii i Afr. no. 1:126-131 '62.

VIETNAMESE LITERATURE—HISTORY AND CRITICISM

The central problem. Suan Seu. Vop. lit. 6 no. 2:152-154 F '62.

VIETNAMESE POETRY—HISTORY AND CRITICISM

Stylistic features of "Kiều," a poem by Nguyễn Du. N. I. Nikulin. Krat. soob. Inst. nar. Az. no. 52:91-102 '62.

VILANI—GUIDEBOOKS

Rudko, N. [Vilani; guidebook for Vilani and its environs] Vilani; Ieteikumi ceļvedis pa Vilaniem un to apkārtni. Riga, Latvijas Valsts izdevniecība, 1962. 84 p. [In Latvian]

VILLAGE COMMUNITIES see subdivision under China

VILYUY LOWLAND—GEOLOGY

Geology of the southwestern part of the Vilyuy syneclise. K. D. Mclekhova. Trudy VNIGRI no. 186:53-63 '61.

VILYUY LOWLAND—LAMELLIBRANCHIATA, FOSSIL

Complexes of Pelecypoda from Lower Jurassic marine sediments in the Vilyuy syneclise and the frontal fault in the Verkhoyansk piedmont region. I. S. Velikzhanina. Trudy VNIGRI no. 186:76-83 '61.

VIMBA see subdivision under Aksayskaya region, Dnieper River; Don Valley

VINE CROPS

Effect of cooling on the sowing quality of seeds and growth of root systems of vine crops. L. P. Tropina. Trudy TSSBS no. 5:31-36 '61.

VINOGRADOV, VLADIMIR NIKITICH, 1882-

Hero of socialist labor, Vladimir Nikitich Vinogradov; on the 80th anniversary of his birth. Terap. arkh. 34 no. 3:3-8 '62.

Professor Vladimir Nikitich Vinogradov. Klin. med. no. 3:3-5 '62.

VINYL COMPOUND POLYMERS

Asymmetric organosulfonic acyl peroxides as initiators of vinyl polymerization [with summary in English]. V. R. Likhterov and others. Vysokom. soed. 4 no. 3:357-360 Mr '62.

Initiating action of organomercury compounds in vinyl polymerization [with summary in English]. G. A. Razuvaev and others. Vysokom. soed. 4 no. 3:371-375 Mr '62.

Malinskii, Iu. M., ed. [Kinetics of vinyl polymerization by radical mechanisms. Translated from the English] Kinetika radikal'noi polimerizatsii vinilovykh soedinenii. [By] C. H. Bamford i dr. Moskva, Izd-vo inostr. lit-ry, 1961. 345 p.

Polymerization of simple vinyl esters of tar phenols produced at the semicoking of Cheremkhovo coal. A. V. Kalabina, N. A. Tiukavkina, L. M. Toporova. Izv. Sib. otd. AN SSSR no. 12:42-47 '61.

Stereospecific homogeneous polymerization of vinyl chloride [with summary in English]. K. S. Minskei and others. Vysokom. soed. 4 no. 3:383-388 Mr '62.

Vinyl compounds. Report No. 3. Refractometric investigation of the copolymerization of vinyl cresyl esters and acrolein in the presence of cation catalysts. M. F. Shostakovskii and others. Izv. Sib. otd. AN SSSR no. 12:37-41 '61.

VINYL COMPOUNDS

Nitrogen-containing peroxide compounds as initiators of vinyl monomer polymerization. Part 1 [with summary in English]. N. M. Lapshin and others. Vysokom. soed. 3 no. 12:1794-1799 D '61.

VINYL COMPOUNDS—SPECTRA

Infrared spectra of perfluorovinyl derivatives of elements. R. N. Sterlin, S. S. Dubov. Zhur. VKHO 7 no. 1:117-118 '62.

VIOLIN—INSTRUCTION AND STUDY

Intonation in the elementary study of violin. IA. A. Meksin. Nauch.-metod. zap. Ural. gos. kons. no. 4:249-300 '61.

VIRGIN TERRITORY—AGRICULTURAL MACHINERY

System of tillage implements and sowing machines for the Virgin Territory. A. I. Barsev, A. A. Zaitsev. Zemledelie 24 no. 3:22-30 Mr '62.

VIRGIN TERRITORY—FARM MECHANIZATION

People, machinery and speed. Sergei Nikitin. Sov. profsoiuzy 18 no. 4:10-12 F '62.

VIRGIN TERRITORY—MUSIC

Is this the way to respond to the press? (remarks on two of our articles). Sov. muz. 26 no. 3:129 Mr '62.

VIRGIN TERRITORY—TECHNOLOGICAL INNOVATIONS

From the innovators of Moscow to the Virgin Territory. B. F. Danilov. Mashinostroitel' no. 3:44-45 Mr '62.

VIROLOGY

Virology at the Fifth International Biochemistry Congress in Moscow (August 10-16, 1961). V. I. Tovarnitskii. Vop. virus. 7 no. 1:123-126 Ja-F '62.

VIROLOGY—BIBLIOGRAPHY see Bibliography—Virology

VIRUS DISEASES

(see also subdivision under Ukraine)

Case of pneumocystic pneumonia combined with generalized cytomegaly in a child [with summary in English]. E. K. Zhukova. Arkh. pat. no. 3:68-71 '62.

Imanov, E. D. [Virus diseases of farm animals] Virusnye bolezni sel'skokhoziaistvennykh zhivotnykh. Frunze, Kirgizskoe gos. izd-vo, 1960. 24 p. (DA)

Localized form of cytomegaly in newborn infants and during the first months of their life [with summary in English]. A. V. Novikova. Vop. okh. mat. i det. 7 no. 1:42-46 Ja '62.

Serous meningitis conditioned by the intestinal group of filterable viruses [with summary in English]. V. P. Lugovkina. Pediatriia no. 2:11-16 '62.

Virological data on the differential diagnosis of different forms of intestinal virus diseases. S. U. Arbekdin. Zdrav. Kazakh. 21 no. 12:41-44 '61.

Virus carriers, insects spreading human diseases. A. V. Gutsevich. Priroda 51 no. 3:28-34 Mr '62.

VIRUSES

Hybridization of viruses. M. I. Sokolov. Vop. virus. 7 no. 1:3-10 Ja-F '62.

Interaction of SE-polyoma virus with the cells of embryonic hamster tissue [with summary in English]. L. S. Irlin, L. A. Zil'ber. Vop. virus. 7 no. 1:22-27 Ja-F '62.

Interaction of tissue culture cells with viruses isolated from rheumatics. Report No. 2: Fluorescence in microscopy and cytochemical investigation. A. N. Mosolov. Izv. Sib. otd. AN SSSR no. 12:82-86 '61.

Lavrovs, Marats, and Leo Vaiders. [Viruses] Virusi. Riga, Latvijas PSR Zinatnu akademijas izdevniecība, 1961. 72 p. [In Latvian] (DNLM)

Mouse hemocytoblastosis-reticulosis virus and its properties [with summary in English]. N. P. Mazurenko. Vop. virus. 7 no. 1:11-18 Ja-F '62.

"On the frontier of life" by V. I. Tvarnitskii. Reviewed by V. Sablin. V mire knig 2 no. 3:17 Mr '62.

Studying the effect of ribonuclease and desoxyribonuclease on the multiplication of the poliomyelitis virus in tissue culture. R. I. Salganik, V. P. Tomsons, L. K. Protas. Izv. Sib. otd. AN SSSR no. 12:78-81 '61.

Tovarnitskii, V. I. [Frontiers of life: a story about viruses] Na granitse zhizni; povest' o virusakh. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 193 p.

Zil'ber, L. A., and A. S. Kiviskii, eds. [Current problems of virology] Aktual'nye voprosy virusologii. Moskva, Izd-vo Akad. nauk SSSR, 1960. 313 p. (Itogi nauki. Biologicheskie nauki, no. 4) (DNLM)

VISCERA—ABNORMITIES AND DEFORMITIES

Left appendicitis in a cogenital anomaly of the large intestine. S. V. Belousov. Sov. med. 25 no. 2:146-147 F '62.

VISCOSIMETER

If the brand of oil is unknown. M. Markotov. Starsh.-serzh. no. 12:30 D '61.

VISCOSIMETRY

Viscosity of FeO - MnO - SiO_2 melts. V. G. Korpachev, S. I. Popel'. Trudy Ural. politekh. inst. no. 93:64-72 '59.

VISCOSITY

Viscosity of the molten system CaO - MnO - SiO_2. Sh. M. Mikiashvili, A. IU. Arsenishvili, A. G. Bukhreshvili. Soob. AN Gruz. SSR 27 no. 3:313-320 S '61.

VISHNEVAYA MOUNTAINS—PYROCHLORE

Zonality of crystals of Vishnevaya Mountain pyrochlore. D. A. Mineev, N. I. Razenkova. Zap. Vses. min. ob-va. 91 no. 1:89-93 '62.

VISHNEVSKII, VSEVOLOD VITAL'EVICH, 1900-1951

Dlev, V. A. Vsevolod Vishnevskii. Moskva, Izd-vo "Znanie," 1962. 28 p. (Novoe v zhizni, nauke, tekhnike, Seriia 6: Literatura i iskusstvo, no. 3)

VISHNEVYYE MOUNTAINS—ESCHYNITE

First find of nonmetamict eschynite (Vishnevyye Mountains, Urals). A. G. Zhabin and others. Dokl. AN SSSR 143 no. 3:686-689 Mr '62.

VISION

Adjustment of the visual apparatus to natural illumination [with summary in English] A. P. Anisimova. Biul. eksp. biol. i med. 52 no. 7 18-20 Jl '61

Biophysics of the excitability fluctuation of human visual and auditory analysors. E. A. Vaipolina. Trudy Len. ob-va est. 72 no. 1 125-128 '61

Lability of the human visual system. M. I. Venslauskas. Trudy Len. ob-va est. 72 no. 1 128-129 '61

VISITORS, FOREIGN
(see also subdivision under Ukraine)

Everything for the people and the cause of peace. Ukraina no. 2, 7 Ja '62

Visitors to a palace of culture. IA. Sukhorukov. Sov. profsoiuzy. 18 no. 6 32 Mr '62

VISITORS, RUSSIAN see subdivision under Korea, North

VISUAL AIDS

Visual aids in trial lessons. A. I. Elkina. Rus. iaz. v shkole. 23 no. 2 72-76 Mr-Ap '62

VITAL STATISTICS

Methods for analyzing birth and death statistics. A. M. Merko. Zdrav. Ros. Feder. 6 no. 2 45-48 F '62

VITAMINS

Bielliukiene, Sabina. [What a livestock breeder should know about vitamins] Ka reikia zinoti gyvuliu augintojui apie vitaminus. Vilnius, Valstybine politines ir mokslines literatures leidykla, 1961. 79 p. [In Lithuanian] (DA)

Formation of vitamins by micro-organisms which inhabit healthy plants. IU. M. Voznlakovskaia. Agrobiologiia no. 1 103-108 Ja-F '62.

Importance of vitamins for the normal course of pregnancy and their effect on lactation. F. D. Zabludovskaia. Fel'd. i akush. 27 no. 1 5-10 Ja '62

Investigating some plant species of the buckwheat family with regard to their vitamin content. F. V. Ivanov. Trudy Len. khim.-farm. inst. 12 179-184 '61

Micro-organisms as a source of vitamin accumulation in soils. N. E. Gvamichava. Soob. AN Gruz. SSR. 28 no. 2, 223-226 F '62

Session of the Research Institute on Vitaminology. A. I. Shtenberg. Gig. i san. 26 no. 9 97-99 S '61.

Valdmanis, Andrejs. [Studying standards for vitamin nutrition in swine and poultry breeding, instruction methods] Izuchenie norm vitaminnogo pitaniia v svinovodstve i ptitsevodstve, metodicheskie ukazaniia. Riga, Izd-vo Akad. nauk Latviiskoi SSR, 1961. 37 p. (DA)

VITAMINS—A

Effect of 6-methylthiouracil on the thyroid gland in vitamin A shortage of excess [with summary in English]. N. B. Lutsiuk. Vrach. delo no. 8 45-49 Ag '61.

"Vitamin A and vitamin A insufficiency" by A. O. Natanson. Reviewed by L. A. Cherkes. Vop. pit. 21 no. 2 91-93 Mr-Ap '62

Vitamin A treatment of eczema in young children. F. A. Zver'kova. Kaz. med. zhur. no. 5 73-74 S-O '61

VITAMINS—B_1 see Thiamine

VITAMINS—B_2 see Riboflavin

VITAMINS—B_6 see Nicotinic acid

VITAMINS—B_{12} see Cyanocobalamine

VITAMINS—B_c see Folic acid

VITAMINS—C see Ascorbic acid

VITAMINS—E see Tocopherol

VITAMINS—F

Studying the oxidation resistance of fat bases enriched with vitamin F. R. S. Gershentsvit, B. D. Akkerman. Trudy Len. khim.-farm. inst. 12 173-178 '61.

VITAMINS—G see Riboflavin

VITAMINS—M see Folic acid

VITAMINS—P

Vitamin P activity in the thoroughwax Bupleurum multinerve D. C. V. G. Minaeva, A. S. Lapik. Trudy TSSBS no. 5 83-87 '61.

VITEBSK—INDUSTRIAL HYGIENE

Public supervision. IA. Lokhmakov. Sov. kras. krest. 11 no. 4-5 Jl-Ag '61.

VITEBSK—RUG AND CARPET INDUSTRY

Toward the future. Ul. Bialiaeu. Belarus' 19 no. 3-16-17 Mr '62.

VITEBSK PROVINCE—PEDIATRIC SOCIETIES

Work of the Society of Pediatricians of Vitebsk City and Province. V. Seleznava. Zdrav. Bel. 8 no. 1 73-74 Ja '62.

VITICULTURE
(see also subdivision under Strasheny District; Ukraine)

Damage to grape buds under winter cover. V. L. Molchanov, Z. IA. Molchanova. Trudy Nauch.-issl. inst. sad., vin. 24:91-96 '60.

Sosina, E. I. [Collective and individual viticulture] Kollektivnoe i prisadebnoe vinogradarstvo. Frunze, Kirgizskoe gos. izd-vo, 1960. 59 p. (DA)

VITREOUS HUMOR

"Vitreous body" in some skin diseases. K. M. Izhevskii. Vest. derm. i ven. no. 3 51-54 '62

VLADIMIR PROVINCE—FORESTS AND FORESTRY

Embellishing the land. V. Klevtsov. Les. khoz. 15 no. 4 85 Ap '62

VLADIMIR PROVINCE—PEAT BOGS

New data on the Pleistocene flora in the central part of the East European Plain, interglacial peat bog in Vladimir Province. E. P. Meteltseva, V. N. Sukachev. Trudy Kom. chetv. per. no. 20 50-60 '61

VLADIVOSTOK—HOSPITALS, MILITARY

Centenary anniversary of the oldest medical institution in Vladivostok. A. I. Khakham. Sov. zdrav. 21 no. 2 69-72 '62.

VOCAL MUSIC

Significance of artistic vocal music for the training of a singer's voice. O. I. Egorova. Nauch.-metod. zap. Ural. gos. kons. no. 1 129-141 '61.

VOCATION

"I am proud of my occupation." P. Rechkin. Agitator no. 8 61 Ap '62.

VOCATIONAL EDUCATION
(see also subdivision under Chelyabinsk Province; Finland; Ivanovo, Kiev, Rostov Province)

Educational work of industrial engineers. M. I. Skaryhinskii. Sred. spets. obr. 9 no. 3 38-41 Mr '62.

How we carry out the improvement in students' vocational training. M. G. Nosov. Rad. shk. 40 no. 3 33-37 Mr '62

Influence of the character of instruction on students' ability to organize their work. T. N. Borkova. Dokl. APN. 5 no. 4:19-22 '61

Introductory production instruction. A. K. Dranitsyn. Sred. spets. obr. 9 no. 2 56-58 F '62

Lesson at a plant. V. L. Fukel'man. Sred. spets. obr. 9 no. 3 34-36 Mr '62.

Schools and the new trend in the training for work. A. A. Vasil'ev. Shkola i proizv. 6 no. 1:19-24 Ja '61.

Some problems of vocational training in connection with the increasing importance of mental effort in workers' activity. I. E. Golomshtok. Dokl. APN. 5 no. 1:11-14 '61.

Vocational training of students. V. A. IAnov. Shkola i proizv. 6 no. 1 48-50 Ja '62.

VOCATIONAL EDUCATION—AUDIO-VISUAL AIDS

Technological map in an elementary workshop. V. I. Taran. Rad. shk. 40 no. 3, 39-40 Mr '62

VOCATIONAL EDUCATION—CONGRESSES

Conference on the theory and practice of vocational education. I. S. Mishchenko. Rad. shk. 40 no. 3 94-95 Mr '62

VOCATIONAL GUIDANCE

Conscious choice of future occupation by eight-year school students. N. K. Elaev. Dokl. APN. 6 no. 6:11-14 '61

VOLATILITY

Volatility of fluor crown glass. L. I. Demkina, M. F. Ivanov. Stek. i ker. 19 no. 3 7-11 Mr '62

VOLCANIC ASH, TUFF, ETC. see subdivision under Dzhebrail District

VOLCANOES see subdivision under Elbrus, Mount

VOLCANOES—CONGRESSES

First All-Union Conference on Volcanology. V. A. Vakar. Inform. biul. NIIGA no. 16 8-11 '58

VOLGA-AKHTUBA FLOOD PLAIN—MAMMALS

Numeral and distributional changes in small mammals in the northern part of the Volga-Akhtuba Flood Plain in connection with construction of the hydroelectric power station [with summary in English]. N. A. Nikitina, I. L. Kulik. Biul. MOIP. Otd. biol. 67 no. 1:15-22 Ja-F '62.

VOLGA DELTA—GRAVITY PROSPECTING

Processing gravimetric observations by the approximative method with the introduction of a correction for the zero point based on the curvilinear law. A. V. Ladynin. Geofiz. razved. no. 5 39-45 '61.

VOLGA-DON CANAL—LOCKS (HYDRAULIC ENGINEERING)

Comprehensive observations on the deformations of a navigable lock. A. G. Il'in, N. A. Budenkov. Izv. vys. ucheb. zav., geod. i aerof. no. 5:47-53 '61.

VOLGA HILLS—PINE

History of the pine forests of Volga Hills [with summary in English]. V. V. Blagoveshchenskii. Bot. zhur. 47 no. 2:176-187 F '62.

VOLGA HYDROELECTRIC POWER STATION (22d CONGRESS OF THE CPSU)

Testing of 500 kv air cutouts in the [illegible] of the Volga Hydroelectric Power Station (22d Congress of the CPSU) and Moscow. A. A. Akopian[illegible] Elek. sta. 31 no. 1 47-49 Ja '60.

VOLGA HYDROELECTRIC POWER STATION (22d CONGRESS OF THE CPSU)—FISHWAYS

First results of work with the fishway at the Volga Hydroelectric Power Station (22d Congress of the CPSU). L. M. Nosenbaum, I. N. Lapitskaia. [illegible] no. 11:13-16 '61

VOLGA HYDROELECTRIC POWER STATION (22d CONGRESS OF THE CPSU)—HYDRAULIC TURBINES

Testing a curved dual-flow suction pipe. G. F. Vavilova. Sbor. trud. Lab. gidr. [illegible] '61.

VOLGA-URAL REGION—GEOLOGICAL SURVEYS

Use of geophysical data in establishing [illegible] (exemplified by the southeastern part of the [illegible] region). V. A. Klubov. Dokl. AN SSSR. 141 no. 4 658-661 Mr '62

VOLGA-URAL REGION—OIL FIELD WATERS

Study of variations in the mineralization of [illegible] waters in the terrigenous part of the Volga-Ural region. E. I. Siniavskii. [illegible] 27 no. 12:51-56 D '61.

VOLGA VALLEY—GLACIAL EPOCH

Moscow-Valday (Mikulino) interglacial [illegible] upper Volga Basin and their significance [illegible] graphy. N. S. Chebotareva, M. A. [illegible] Stolitarova. Trudy Kom. chetv. per. [illegible]

VOLGA VALLEY—HYDROGRAPHY

Density of the hydrographic network in the Volga Valley. G. A. Averianova, G. N. [illegible] Kazan. fil. AN SSSR. Ser. energ. i vod. khoz. [illegible] '61

VOLGA VALLEY—LARCH

Special features of growing larch [illegible] of the trans-Volga region. G. I. [illegible] 15 no. 3 33-37 Mr '62.

VOLGA VALLEY—LUMBER—TRANSPORTATION

Economy of transit lumber transportation [illegible] Kama basin. P. T. Furovskii. Trudy [illegible] 52 '60.

VOLGA VALLEY—PALEOGEOGRAPHY

Moscow-Valday (Mikulino) interglacial [illegible] upper Volga Basin and their significance [illegible] graphy. N. S. Chebotareva, M. A. Nagolkina, Stolitarova. Trudy Kom. chetv. per. [illegible]

VOLGA VALLEY—RESERVOIRS

Evaporation and seepage losses from [illegible] trans-Volga region. A. I. Bredin. [illegible] 19:257-267 '57.

VOLGA VALLEY—ROCKS, SEDIMENTARY

Some remarks on Syrt sediments in the [illegible] the Syrt Lowland in the trans-Volga region. Vasil'ev. Trudy Kom. chetv. per. [illegible]

VOLGA VALLEY—SLOPES (PHYSICAL GEOGRAPHY)

Prevailing slopes of the earth's surface [illegible] bution over the basins of small rivers [illegible] Volga Valley. G. A. Averianova, G. N. [illegible] Kazan. fil. AN SSSR. Ser. energ. i vod. khoz. [illegible] '61.

VOLGOGRAD—STEEL INDUSTRY

They threw a monkey wrench into the [illegible] B. Andreev. Sov. profsoiuzy. 18 no. 5 [illegible]

VOLGOGRAD—TRACTOR INDUSTRY

Working days of a voluntary machine-[illegible] A. IA. Averbukh. Mashinostroitel' no. [illegible]

VOLGOGRAD—WORKS COUNCILS

They threw a monkey wrench into the [illegible] B. Andreev. Sov. profsoiuzy. 18 no. 5 [illegible]

VOLGOGRAD PROVINCE—DIABASE

Basic rocks on the eastern slope of the Vol[illegible] sion. M. M. Veselovskaia, V. V. Ki[illegible] SSSR. 143 no. 2:413-416 Mr '62.

VOLGOGRAD PROVINCE—INSURANCE, SOCIAL

It is high time! A. Chvokin. Sots. obesp. 2[illegible] Mr '62.

VOLGOGRAD PROVINCE—PEACH—VARIETIES

Kamyshin peach. P. K. Balashov. Agrobiologiia [illegible] Ja-F '62.

VOLLEYBALL

[Volleyball, handball; the rules of the game] Tinklinis, rankinis; varzybu taisykles. Pataisytas ir papildytas leidimas. Vilnius, Valstybine politines ir mokslines literatures leidykla, 1961. 113 p. [In Lithuania.]

VOLNOVAKHA—COMMUNIST YOUTH LEAGUE

Communist youth organization in an automobile and motorcycle club. IU. Rinzantsev. Za rul. 20 no. 3-2 Mr '62.

VOLOGDA PROVINCE—COMMUNITY CENTERS

It depends on you, activist. P. Shilikov. Sov profsoiuzy 18 no. 3 31 F '62

VOLOGDA PROVINCE—EDUCATION, PRESCHOOL

"Beacon light of the North" by P. A. Prozorov. Reviewed by R. Stepanov. Doshk. vosp. 35 no. 4 122-123 Ap '62

VOLOGDA PROVINCE—HAIR—DISEASES

Trichomycoses and their pathogens in Vologda Province during 1949-1950. D. S. Ginzburg. Vest. derm. i ven. no. 3:71-74 '62

VOLOGDA PROVINCE—PENSIONS

There are many good things in Vologda. A. Nazarov. Sots. obesp. 23 no. 3 10-14 Mr '62

VOLOGDA PROVINCE—RURAL CONDITIONS

"Beacon light of the North" by P. A. Prozorov. Reviewed by R. Stepanov. Doshk. vosp. 35 no. 4:122-123 Ap '62

VOLTAGE REGULATORS

Low-power high-voltage converter for photoelectronic devices [with summary in English]. B. P. Potapov. Astron. zhur. 39 no. 2, 367-369 Mr-Ap '62

Measuring element of a precision-type a.c. voltage stabilizer. I. F. Klistorin, N. V. Degtiarik. Avtom. kont. i elek. izm. no. 2:159-170 '60.

Semiconductor voltage stabilizers for measuring networks. I. M. Ashkinazi, V. A. Golembo, V. M. Pompeev. Avtom. kont. i elek. izm. no. 2 83-96 '60.

Silicon stabilivolts under energy balance conditions. R. D. Baglai, L. S. Sitnikov. Prib. i tekh. eksp. 7 no. 1 132-133 Ja-F '62

Transistor current regulator for electromagnets. B. F. Anufriev and others. Prib. i tekh. eksp. 7 no. 1 129-131 Ja-F '62.

VOLTAIRE, FRANÇOIS MARIE AROUET DE, 1694-1778

"Voltaire library, catalogue of books." Reviewed by M. I. Radovskii. Priroda 51 no. 3 122-123 Mr '62.

"Voltaire's library." Reviewed by N. Varbanets. V mire knig 2 no. 3:45 F '62.

VOLTMETER

Class 0.5 rectifying voltmeter. K. B. Karandeev, N. G. Alfer'eva. Avtom. kont. i elek. izm. no. 2 55-62 '60.

Rectifying voltmeter with a given temperature error. N. G. Alfer'eva. Avtom. kont. i elek. izm. no. 2:63-74 '60.

VOLYN' PROVINCE—ATHEISM

According to the decisions of the 22d Congress of the CPSU. O. Shvydak. Votov ateist no. 3:30-32 Mr '62

VOLYN' PROVINCE—COMMUNITY LIFE

Party organizations support new trends. O. Shvydak. Sots. kul't. no. 2:1-5 F '62

VORKUTA—COAL MINES AND MINING—ACCIDENTS

Causes of a methane explosion in the mine No. 40 of the Vokutugol' Combine. T. V. Bregadze. Bezop. truda v prom. 6 no. 3:6-8 Mr '62

VORONEZH—DAY NURSERIES

Physical development of children in the crèches of Voronezh [with summary in English]. M. N. Zavartseva. Vop. okh. mat. i det. 7 no. 1, 75-77 Ja '62.

VORONEZH—HAIL

Unprecedented hail in Voronezh. V. S. Antonov. Meteor. i gidrol. no. 3:48-49 Mr '62.

VORONEZH GOVERNMENT—PEASANT UPRISINGS

Morev, P. G. [Peasant unrest in the Voronezh Government on the eve of the October Revolution, March-October 1917] Krest'ianskoe dvizhenie v Voronezhskoi gubernii nakanune Oktiabr'skoi revoliutsii, mart-oktiabr' 1917 g. Voronezh, Izd-vo Voronezhskogo univ., 1961. 102 p.

VORONEZH PROVINCE—AGRICULTURAL RESEARCH

Brief outline of scientific and practical work of the Ramon Agricultural Experiment Station, 1922-1959. V. G. Iatsenko. Trudy Vsegos nauch.-issl. inst. sakh. svekly i sakh. 1 no. 2 89-117 '61

VORONEZH PROVINCE—BARLEY

Soil cultivation for barley grown after sugar beets. L. I. Khramtsov. Sbor. nauch.-issl. rab. Azovo-Cher. sel'khoz. inst. 10 101-103 '60.

VORONEZH PROVINCE—COLLECTIVE FARMS—INCOME DISTRIBUTION

Monetary wages for managerial personnel and specialists on collective farms. B. Nikolaev. Biul. nauch. inform. trud i zar. plata 5 no. 3:51-57 '62.

VORONEZH PROVINCE—FARM MECHANIZATION

Man of a winged thought. M. Vinokurov. Otv. na vop. rab. no. 10:36-39 '61

VORONEZH PROVINCE—HURRICANE

Hurricane in Voronezh. Z. M. Makhover. Priroda 51 no. 3:69-71 Mr '62.

VORONEZH PROVINCE—MORTALITY

Mortality in the Volontsovskiy District from 1950 to 1958. I. G. Ziazin. Sov. zdrav. 21 no. 3:43-46 '62

VORONEZH PROVINCE—WOOD, COMPRESSED

Compression of wood in the Pavlovsk Forest Working Circle. A. A. Shamaev. Les. khoz. 15 no. 1 75-78 Ja '62

VORONIKHIN, ANDREI NIKIFOROVICH, 1760-1814

Leningrad. Ermitazh. [A. N. Voronikhin; the picture gallery in the Stroganov Palace] A. N. Voronikhin, kartinnaia galereia v Stroganovskom dvortse. Leningrad, Izd. Ermitazha, 1949. 7 p. illus. (Pamiatniki russkoi kul'tury, no. 14)
(NNC)

VORONOV, ANATOLII GEORGIEVICH, 1911-

Anatolii Georgievich Voronov; on his 50th birthday. V. F. Larionov. Biul. MOIP. Otd. biol. 67 no. 1 132-133 Ja-F '62.

VOROSHILOVGRAD see Lugansk

VOROSHILOVGRAD PROVINCE see Lugansk Province

VORTEX MOTION

Natural vibrations of cylindrical bodies caused by vortex flows. A. E. Dol'nikov. Sbor. trud. Lab. gidr. mash. no. 9:154-163 '61

VOTKINSK DISTRICT—COLLECTIVE FARMS

Allkperov, R. A. [On Pavder in's team one learns something] U zvena I. A. Pavderina est' chemu uchit'sia. Izhevsk, Udmurtskoe knizhnoe izd-vo, 1962. 18 p. (DA)

VOTKINSK HYDROELECTRIC POWER STATION

Construction of the Votkinsk Hydroelectric Power Station. B. S. Abramov. Gidr. stroi. 32 no. 1:41 Ja '62.

VOYNICH, ETHEL LILLIAN (BOOLE), 1864-1960

"Ethel Lillian Voynich" by E. A. Taratuta. Reviewed by A. Narkevich. Vop. lit. 6 no. 2:229-230 F '62.

VOZNESENSK—AMATEUR THEATRICALS

Amateur theater presents. A. Sharpylo. Sots. kul't. no. 2 26-27 F '62

VULCANIZATION

Effect of various types of elastomer structure formation on their adhesion to fiber-forming polymers. Part 1. Effect of sulfur vulcanization on the adhesion of rubbers to fiber-forming polymers [with summary in English] V. G. Raevskii and others. Vysokom. soed. 3 no. 12 1826-1832 D '61.

Vulcanization of acrylic rubber [with summary in English] D. Sh. Korotkina, R. P. Rishkina. Vysokom. soed. 3 no. 12 1833-1836 D '61

VYAZ'MA—OLD-AGE HOMES

Rich household. S. Alekseev. Sots. obesp. 23 no. 3 42-44 Mr '62.

VYAZ'MA—PART-TIME FARMING

Rich household. S. Alekseev. Sots. obesp. 23 no. 3 42-44 Mr '62.

VYG VALLEY—SALMON

Food of young pond-reared salmon (Salmo salar L.) during early stages of development. I. B. Bogatova. Vop. ikht. 2 no. 1, 169-173 '62

VYSHINSKII, ANDREI IANUAR'EVICH, 1883-1954

Soviet jurisprudence must eliminate the harmful consequences of the cult of personality. Sov. gos. i pravo 32 no. 4 3-16 Ap '62.

VYSOTSKII, GEORGII NIKOLAEVICH, 1865-1940

Publication of G. N. Vysotskii's works. Les. khoz. 15 no. 2 40 F '62.

WAGE PAYMENT SYSTEMS
(see also subdivision under Europe, Eastern)

Amending the standard list of occupations for workers engaged in the production of reinforced concrete and concrete construction elements and structures and the wage payment procedure for workers in reinforced concrete plants operating under the wage system of enterprises producing reinforced concrete and concrete construction elements and structures. Biul. Gos. kom. po vop. truda i zar. platy no. 2:7 '62.

Establishing consolidated norms and wages based on the finished product. Sots. trud 7 no. 3 147-149 Mr '62.

Maslova, N. S., E. F. Borisov, and V. G. Pankrat'ev. [Wages and production costs in U. S. S. R. industries] Zarabotnaia plata i sebestoimost' produktsii v promyshlennosti SSSR. Pod obshchei red. K. N. Plotnikova. Moskva, Izd-vo ekon. lit-ry, 1962. 287 p.

Moscow. Nauchno-issledovatel'skii institut truda. [Wages and their improvement in the U. S. S. R. industry] Zarabotnaia plata v promyshlennosti SSSR i ee sovershenstvovanie. Pod red. E. I. Kapustina. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 201 p.

Supplementing regulations for assigning automotive transportation and highway construction enterprises and organizations to the managerial, engineering and technical wage groups. Biul. Gos. kom. po vop. truda i zar. platy no. 2:8 '62.

WAGES

Bonuses and monetary awards. I. Butov, V. Frol. Sel'. mekh. no. 3 23-24 '62.

Consultation on wage problems. Razved. i okh. nedr. 27 no. 12:58-59 D '61

Distribution according to labor and the law of value. V. Medvedev, V. Kotelkin. Vop. ekon. no. 3 49-56 Mr '62.

For the effective guidance of socialist competition. G. Lamochkin. Mol. komm. no. 3 80 Mr '62

Gol'dshtein, M. IU. [In what cases are average wages retained] V kakikh sluchalakh za rabochimi i sluzhashchimi sokhraniaetsia srednii zarabotok. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 61 p. (Iuridicheskie konsul'tatsii dlia naseleniia v voprosakh i otvetakh, no. 22)

Introducing amendments and supplements to the standard list of occupations for workers engaged in the operation of loading and unloading machines and machinery. Biul. Gos. kom. po vop. truda i zar. platy no. 2 21-22 '62.

"Systems and forms of wages in the industrial enterprises of capitalist countries" by M. G. Moshenskii. Reviewed by V. Liubimova. Kommunist 39 no. 7 95-98 My '62

Wages for diesel machinery operators of power plants. Sel'. mekh. no. 1:24-25 '62.

Wages of motortruck drivers. T. Komarova. Sel'. mekh. no. 3:24-25 '62.

WAGES—BEARING INDUSTRY

Adopting the regulation on bonuses for workers in enterprises, plants, and organizations engaged in collecting, receiving, storing, and delivering repairable scrap bearings. Biul. Gos. kom. po vop. truda i zar. platy no. 2 9-11 '62.

WAGES—BIBLIOGRAPHY see Bibliography—Wages

WAGES—COAL MINERS
(see also subdivision under Ural Mountain region)

Vospolit, V. G., and O. A. Denisenko. [Organizing a wage system and establishing work norms in the coal mining industry] Organizatsiia zarabotnoi platy i normirovanila truda v ugol'noi promyshlennosti. [Stalino] Stalinskoe obl. izd-vo, 1958. 49 p. (Voprosy konkretnoi ekonomiki ugol'noi promyshlennosti)

WAGES—CONSTRUCTION INDUSTRY

Adopting supplements and amendment to the standard list of occupations for workers engaged in the production of reinforced concrete and concrete construction elements and structures. Biul. Gos. kom. po vop. truda i zar. platy no. 2 12-20 '62.

Wage payment conditions for workers in enterprises and plants producing reinforced concrete and concrete construction elements and structures. Biul. Gos. kom. po vop. truda i zar. platy no. 2, 3-6 '62.

WAGES—COTTON GROWING see subdivision under Uzbekistan

WAGES—MACHINERY INDUSTRY
(see also subdivision under Sverdlovsk)

All-Union academic and technical conference on planning work and wages. Sots. trud 7 no. 3 145-147 Mr '62.

Paying bonuses to engineers and technicians in the machinery industry. B. Mikheev. Sots. trud 7 no. 3 66-70 Mr '62.

WAGES—PEAT INDUSTRY see subdivision under Magadan Province

WAGES—PROSPECTING

Results of a changeover to a shorter workday and new wage arrangements for workers of prospecting organizations. V. I. Muratov. Razved. i okh. nedr 28 no. 1:51-54 Ja '62.

WAGES—TEXTILE INDUSTRY see subdivision under Kalinin Province

WAGES—TRANSPORTATION

Answers to workers' questions in automotive transportation and cartage. Sots. trud 7 no. 3 137-144 Mr '62.

WAGES AND LABOR PRODUCTIVITY

Results of a changeover to a shorter workday and new wage arrangements for workers of prospecting organizations. V. I. Muratov. Razved. i okh. nedr. 28 no. 1:51-54 Ja '62.

WALL NEWSPAPERS see subdivision under Kirovograd

WALLS

Akademiia stroitel'stva i arkhitektury SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. [Temporary instructions for ensuring the solidity of outside walls in buildings using large concrete blocks] Vremennye ukazaniia po obespecheniiu monolitnosti stenovykh ograzhdenii v zdaniiakh iz krupnykh betonnykh blokov VU 5-61. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 89 p.

WALLS (Continued)
Designing and calculating thin anchored supporting walls G. Lazebnik Prom. stroi. i inzh. soor. 3 no. 2 46-51 Mr-Ap '61.

Glued panels made from plastic material and asbestos cement. G. V. Rass. Prom. stroi. 40 no. 3 28-32 '62.

Let's raise the quality of structural elements! A. Kudriavtsev. Stroi. i arkhit. Mosk. 10 no. 12 28-29 D '61.

Lietuvos TSR Mokslu akademija, Vilna, Statybos ir architekturos institutas. [Walls of dwellings, construction elements from local material for low buildings] Gyvenamuju namu sienos, vietiniu medziagu konstrukcijos mazaaukstei statybai. Vilnius, Valstybine politines ir mokslines literatures leidykla, 1961. 81 p. [In Lithuanian]

Shortcomings in the use of large wall panels in industrial buildings. M. G. Fishman. Prom. stroi. 40 no. 3 36-39 '62.

Testing large wall panels made of cellular concrete. K. M. Mileikovskaia, G. S. Kosmachev. Prom. stroi. 40 no. 3 33-35 '62.

WALNUT see subdivision under Soviet Central Asia

WAR
Influence of wars on demographic processes in Bulgaria. V. A. Vitanov. Sov. zdrav. 21 no. 3, 75-79 '62.

The most pressing problem of our time. G. Es'kov. Komm. Vooruzh. sil. 2 no. 7 60-68 Ap '62.

Problems of peace and war in the works of "Russian enlighteners." V. D. Lazurenko. Sov. gos. i pravo. 32 no. 4 116-121 Ap '62.

Prokop'ev, N. P. [Principal problem of our time; problems of peace and war in present-day circumstances. Translated by A. Kans] Musdienu galvenais jautajums, par kara un miera problemam musdienu apstaklos. Riga, Latvijas Valsts izdevnieciba, 1961. 108 p. [In Latvian]

WAR—ECONOMIC ASPECTS
The capitalist world unadorned. Sov. profsoiuzy. 18 no. 7 44 Ap '62.

WAREHOUSES
Basic indices of the simultaneous census of the material and technical base of the wholesale trade. Vest. stat. no. 4 89-95 '62.

WARSHIPS
Construction of warships in foreign countries in 1961 [from foreign journals]. P. G. Zlobin. Sudostroenie. 28 no. 2 64-69 F '62.

WARTS
Warts and their treatment. V. M. Leshchenko. Med. sestra. 21 no. 2 51-53 F '62.

WASHING MACHINES see subdivision under Ufa

WASTE, DISPOSAL OF see Sewage disposal

WASTE HEAT
Power engineering efficiency of using heat pumps in heat regeneration systems. V. E. TSelebrovskii. Stal'. 22 no. 3 283-285 Mr '62.

WASTE-HEAT ENGINES
Kolobkov, P. S. [Making use of the steam from the evaporation cooling of metallurgical furnaces] Ispol'zovanie para isparitel'nogo okhlazhdeniia metallurgicheskikh pechei. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1961. 83 p.

WASTE PRODUCTS
Use of waste dumps in the quarries of Moscow Province. A. M. Znamenskii. Uch. zap. MOPI. 97:47-64 '61.

WATER
Determining water activity in slag by electrochemical methods. L. N. Barmin, O. A. Esin, S. K. Chuchmarev. Trudy Ural. politekh. inst. no. 93 28-38 '59.

Water in nature and human life. Nauka i zhyttia. 11 no. 2 32-33 F '62.

WATER—COMPOSITION
(see also subdivision under Ladoga, Lake; Lvov Province; Murmansk Sea, Mediterranean Sea; Novosibirsk Reservoir; Ob' River)

Baranov, V. A. [Forecasting the salt content of reservoir waters] Prognoz solevogo rezhima vodokhranilishch. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1962. 124 p.

WATER—MICROBIOLOGY
Determining the correction factors for auto-absorption of C^{14} radiations in determining photosynthesis and chemosynthesis in water reservoirs [with summary in English]. Iu. I. Sorokin. Mikrobiologiia. 31 no. 1 121-128 Ja-F '62.

Intensity of gas exchange in water bacteria [with summary in English]. Iu. S. Beliatskaia-Potaenko. Mikrobiologiia. 31 no. 1 135-139 Ja-F '62.

Review of the methods for investigating aquatic fungi. I. O. Dudka. Ukr. bot. zhur. 18 no. 6:45-55 '61.

Study of the specificity and sensitivity of the phage titer growth reaction in tracing dysenteric bacteria in water [with summary in English]. F. N. Poddubnyi. Zhur. mikrobiol., epid. i immun. 33 no. 1:28-31 Ja '62.

WATER—POLLUTION
Distribution of radioactive pollutions in stagnant water [with summary in English]. A. L. Agre, V. I. Korogodin. Med. rad. 5 no. 1 67-73 Ja '60.

Establishing permissible concentrations of nitrates in water [with summary in English]. Sh. Kh. Kapanadze. Gig. i san. 26 no. 9:7-11 S '61.

Sanitary regulations for discharging sewage into the sea. K. B. Khait. Gig. i san. 26 no. 9 76-79 S '61.

WATER—SOFTENING
Physical treatment of water. A. F. Komarov. Spirt. prom. 28 no. 2 46-48 '62.

WATER, UNDERGROUND
(see also subdivision under Black Sea region; Moldavia, Raychikhinsk region; Ukraine, Zaporozh'ye)

[Collected articles on hydrogeology and engineering geology] Sbornik statei po voprosam gidrogeologii i inzhenernoi geologii. Pod red. N. N. Romanovskogo. [Moskva] Izd-vo Mosk. univ., 1962. 428 p.

Determining natural ground water resources. N. N. Bindeman. Razved. i okh. nedr. 28 no. 1 35-40 Ja '62.

Role of sea water in the formation of the chemical composition of natural waters of sedimentary strata [with summary in English]. M. G. Valiashko. Geokhimiia. no. 2 99-104 '62.

Russia (1923- U. S. S. R.) Ministerstvo geologii i okhrany nedr. [Methodological manual on hydrogeological surveying at the scales of 1:1,000,000 - 1:500,000 and 1:200,000 - 1:100,000] Metodicheskoe rukovodstvo po gidrogeologicheskoi s"emke masshtabov 1:1000000 - 1:500000 i 1:200000 - 1:100000. Pod obshchei red. A. A. Makkaveeva i A. S. Riabchenkova. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr. 1961. 318 p.

Seepage from a shallow channel, allowing for the incline of a natural stream of ground water. A. R. TSitskishvili. Trudy mat. inst. AN Gruz. SSR. 27 359-366 '60.

Stability of calcareous-silicic materials in mineralized ground water. Iu. M. Butt, K. Kuatbaev. Stroi. mat. 6 no. 2 32-34 F '62.

The technique of studying seasonal variations in the ground water of irrigated areas. V. A. Malygin. Nauch. zap. MIIVKH. 19:268-282 '57.

Using a model of a hydraulic integrator for studying the fluctuations in the level of underground waters in a riparian zone. A. Dzhaisanbekova, S. V. Levin. Sbor. nauch. trud. Kaz. GMI. no. 19 150-156 '60.

Use of injections and evacuations under complicated hydrogeological conditions. V. V. Kurilenko. Razved. i okh. nedr. 28 no. 2 39-41 F '62.

WATER, UNDERGROUND—COMPOSITION see subdivision under Ladoga Lake region

WATER, UNDERGROUND—MAPS see subdivision under Kazakhstan

WATER COLORS, LATVIAN
[Soviet Latvian water colors] Latviesu Padomju akvarelis. Riga, Latvijas Valsts izdevnieciba, 1961. xiv p. illus.

WATER IN THE BODY
Rate of water exchange in marine bony fishes. B. B. Vartapetian. Dokl. AN SSSR. 143 no. 3:721-723 Mr '62.

WATER-JET
Experimental investigation on self-propelled models of the characteristics of water jet propellers. S. P. Medvedev. Trudy LIVT. no. 1 26-36 '60.

WATER METABOLISM
Change in some physiological indices of the water-salt metabolism in adolescents continuously drinking highly mineralized water [with summary in English]. I. A. Malevskaia, A. I. Bokina. Biul. eksp. biol. i med. 53 no. 1 17-21 Ja '62.

WATER ON THE BRAIN see Hydrocephalus

WATER RESOURCES DEVELOPMENT see subdivision under Dnieper Valley; India, Ussuri River

WATER SUPPLY see subdivision under Smolensk Province

WATER SUPPLY, RURAL
Improve practical aid to agriculture. Z. I. Ivanovskaia. Razved. i okh. nedr. 27 no. 10 60-62 O '61.

WATER SUPPLY, RURAL—HYGIENIC ASPECTS
Role of open wells in rural areas in the epidemiology of Salmonella infections [with summary in English]. I. F. IArmolik. Gig. i san. 26 no. 9:25-30 S '61.

WATER-SUPPLY ENGINEERING—STUDY AND TEACHING
Excursion lesson on the school water supply system. L. B. IAkover. Fiz. v shkole. 22 no. 1:92 Ja-F '62.

WATER TURBINES see Hydraulic turbines

WATER VAPOR
Nuclear magnetic resonance study of water vapor adsorption on the silica gel surface. V. I. Kvlividze and others. Kin. i kat. 3 no. 1:91-98 '62.

Sorption of water vapors on calcium hydrosilicates. P. P. Kirsil'nikov. Dokl. AN SSSR. 143 no. 1 111-114 Mr '62.

WATERPROOF CLOTHING see Clothing, Waterproof

WATERPROOFING
Waterproofing materials for built-up roofs. M. Lur'e, E. Levitan, I. Shtein. Stroi. i arkhit. Mosk. 10 no. 12 20-23 D '61.

WATERS, SALINE see Saline waters

WAVE GUIDES
Concerning the theory of a reversible ferrite phase shifter. Shui IAn'-shen, [Hsü Yen-shên]. Radiotekh. i elektron. 7 no. 4:617-622 Ap '62.

Dispersion equation of a helically conducting cylinder with excited transverse cross section. A. I. Shtygashev, I. I. Matiushenova. Radiotekh. i elektron. 7 no. 4 713-715 Ap '62.

Drabkin, A. L., and V. L. Zuzenko. [Antenna feeder devices] Antenno-fidernye ustroistva. Moskva, Izd-vo "Sovetskoe radio," 1961. 816 p.

Matching of two-dimensional wave guides. A. G. Sveshnikov. Zhur. vych. mat. i mat. fiz. 2 no. 1 175-179 Ja-F '62.

WAVE MOTION, THEORY OF
Application of the wave domain method to solving problems of forced nonlinear periodic oscillations of a string. V. N. Karp. Izv. vys. ucheb. zav., mat. no. 2 51-59 '61.

WAVES
Balance of wave energy for the protected water area. I. A. Stepanov. Okeanologiia. 1 no. 5:851-855 '61.

Causes of the three-dimensional nature of wind waves. E. F. Semenov. Sbor. lab. Teim. gidrometeorol. [illegible] 16-18 '61.

Electric potential induced by the action of sea waves in the coastal zone. D. A. TSitsishvili, L. S. Chkuaseli, G. V. Tatishvili. Soob. AN Gruz. SSR. 28 no. 3:345-351 F '62.

Electronic apparatus for measuring wave pressures. I. V. Davydov. Gidrotekhnika. no. 1:98-99 '61.

Method for plotting approximate diagrams [illegible] the pressure of unbroken waves on a vertical wall. A. I. Kuznetsov. Gidrotekhnika. no. 1:39-46 '61.

Model studies on wave motion of a liquid at low depths. I. A. Vainfel'd. Okeanologiia. 1 no. 5:808-809 '61.

Periodic bottom structures of the wave flux. B. A. Il'iak. Okeanologiia. 1 no. 5:871-885 '61.

Possibility of recording internal waves by the use of neutral-buoyancy floats. V. R. Fuka. Uch. zap. [illegible] no. 309:97-106 '61.

Resistance coefficient of round membranes in the wave flux of a liquid. P. A. Volkov. Okeanologiia. 1 no. 5 911-914 '61.

Results of studying long-period waves in the sea. [illegible] Sergeev. Uch. zap. LGU no. 309:55-77 '61.

Wave transformation in shallow water. S. I. Gol'tsman, V. Ia. Mazur. Gidrotekhnika. no. 1:55-60 '61.

WAVES, CALMING OF
Wave damping in the lower approach channels of navigation locks. V. Balanin. Rech. transp. 21 no. 2 [illegible] F '62.

WAX, MINERAL see Ozocerite

WEAPONS, ATOMIC see Atomic weapons

WEATHER—MENTAL AND PHYSIOLOGICAL EFFECTS
Effect of the season of the year on the sensitivity to antibiotics of the intestinal microflora in dogs under the chronic influence of Sr^{90} [with summary in English]. O. G. Alekseeva, G. M. L'vitsina. Med. rad. no. 3 [illegible] 61 '62.

Seasonal fluctuations in the reactivity to live influenza vaccines. V. M. Zhdanov, V. V. Rilova. Vest. AMN SSSR. 17 no. 2:3-9 '62.

WEATHER FORECASTING
(see also subdivision under Chukchi Sea)

Baidal, M. Kh. [Long-range weather forecasting by the complex large-scale circulation method] Kompleksnyi makrotsirkuliatsionnyi metod dolgosrochnykh prognozov pogody. Pod red. A. S. Uteshova. Leningrad, Gidrometeor. izd-vo, 1961. 211 p.

Forecasting the abnormal development of various atmospheric circulation patterns of the Northern Hemisphere and associated pressure and temperature anomalies in the Arctic. A. A. Girs. Trudy AANII. 240 24-32 '61.

WEATHER FORECASTING, NUMERICAL see Numerical weather forecasting

WEATHER RESEARCH see subdivision under Arctic regions

WEAVING
Once more about the design of the creel and interrupted warping. S. G. Goritskii, N. P. Agapova. Tekst. prom. 22 no. 2:44-46 F '62.

WEED CONTROL
(see also subdivision under Kursk Province)
Chemical control of weeds on farm crop fields. A. N. Moiseev. Trudy KirgNIIZ no 3:102-107 '60
Eradication of vegetation on tracks. F. A. Belevich. Put' i put. khoz. 6 no 1 34-35 Ja '62
Interspecific relations between weeds and cultivated plants. G. M. Davidovskii. Izv. AN Arm. SSR, Biol. nauki 15 no 2:49-59 '62

WEED KILLERS see Herbicides

WEEDS
(see also subdivision under Tien Shan)
Studying nematodes of weeds in Gorkiy Province. I. P. Kyshkina. Uch. zap. GGPI no 27:153-159 '60

WEEVILS
Review of leaf weevils of the genus Phytomus Schonh (Coleoptera, Curculionidae) in the fauna of the U. S. S. R. V. A. Zaslavskii. Ent. obozr. 40 no. 3:621-635 '61

WEIGHT LIFTING
Borisov, I. B. [The way to strength] Put' k sile. Moskva, Izd-vo "Fizkul'tura i sport," 1961. 86 p. (Bibliotechka "Fizkul'tura i zdorov'e")
Luchkin, N. I. [Weight lifting] Tiazhelaia atletika. Izd. 2., perer. i dop. Moskva, Izd-vo "Fizkul'tura i sport," 1962. 270 p.

WEIGHT REDUCING EXERCISES see Reducing exercises

WELDING
Fine method of double-T welding. I. Arianov. Prom. stroi i inzh. soor. 3 no 2 25-26 Mr-Ap '61
Naumov, V. G. [Welding in a gas-shielded atmosphere] Svarka v uredo zashchitnykh gazov. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 227 p.
"Organization of welding procedures" by Z. B. Dreizenshtok. Reviewed by P. D. Korobov. Avtom. svar. 15 no. 4:102 Ap '62.
Phase stresses during welding. N. N. Prokhorov, V. S. Ignat'eva. Avtom. svar. 15 no. 4:8-14 Ap '62.
Use of natural gas in welding. L. A. Komkova. Khim. mash. no. 2 30 Mr-Ap '62
Welding and soldering metals in a glow discharge. V. S. Vanin. Avtom. svar. 15 no. 4:23-25 Ap '62

WELDING—ACCOUNTING
Taorman, A. I. [Economic aspects and organization of welding practices] Ekonomika i organizatsiia svarochnogo proizvodstva. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1961. 94 p.

WELDING—BIBLIOGRAPHY see Bibliography—Welding

WELDING—CONGRESSES
First Regional Conference on Welding held in Irkutsk. IU. B. Malevskii, IU. I. Grechin. Avtom. svar. 15 no. 4: 95-96 Ap '62.
Fourth Conference on Welding in Lithuania. A. A. Kravtsis. Svar. proizv. no. 1:43-44 Ja '62.
In the Coordinating Council on Welding. K. A. Eskov, O. V. Chalka. Avtom. svar. 15 no. 4:94-95 Ap '62
In the International Welding Institute. Avtom. svar. 15 no. 4:93-94 Ap '62.
Technological conference on diffusion welding in vacuum. K. E. Chernukhina. Svar. proizv. no. 1:43 Ja '62.

WELDING—DICTIONARIES
"English-Russian Welding Dictionary" by V. T. Zolotykh. Reviewed by V. D. Matskevich, N. I. Svistunenko, G. G. Mukhin. Svar. proizv. no. 1:44-46 Ja '62.

WELDING—HYGIENIC ASPECTS
Ventilation in assembly and welding shops. T. S. Karacharov, E. I. Vorontsova, V. M. Ilitcrman. Svar. proizv. no. 1:35-39 Ja '62.

WELDING—STUDY AND TEACHING
All engineers should have a good knowledge of welding techniques. M. I. Dombrovskii. Svar. proizv. no. 1:39 Ja '62.
Volunteer-staffed University of the Scientific Technological Society of the Machinery Industry for increasing the qualifications of welding engineers and technicians. K. P. Voschanov, B. G. Egerman. Svar. proizv. no. 1: 11-42 Ja '62.

WELDING—TECHNOLOGICAL INNOVATIONS
Soviet inventions in welding. V. T. Svar. proizv. no. 1:46 Ja '62.

WELDING—TERMINOLOGY
Nomenclature of welding processes [from document MIS-80-61 of the International Institute of Welding]. E. P. Bogacheva. Svar. proizv. no. 1 39-41 Ja '62.

WELDING—TESTING
"Metallography of welded joints" by A. A. Rossoshinskii. Reviewed by V. F. Grabin. Avtom. svar. 15 no. 4:91-92 Ap '62.

WELDING, GAS see Gas welding and cutting

WELDING RESEARCH
Weldability of low-alloy 15 G5 manganese steel. A. IA. Brodskii, N. V. Tolmacheva. Prom. stroi 40 no 3, 47-54 '62

WELLS
Using the shooting method to increase the productivity of water wells. B. IA. Kudymov, N. K. Kuz'mina, S. A. Lovlia. Razved i okh. nedr 28 no 2 12-13 F '62

WEST GERMANY see Germany, West

WEST KAZAKHSTAN PROVINCE—LICORICE
Resources and distribution of licorice in West Kazakhstan Province. V. P. Mikhailova, O. U. Lushpa. Trudy Inst. bot. AN Kazakh. SSR 11 110-131 '61

WEST SIBERIAN PLAIN—DEEP-SEA DEPOSITS
Marine Quaternary sediments in the northwestern part of the West Siberian Lowland. I. V. Reinin. Trudy VNIGRI no 186 212-223 '61

WEST SIBERIAN PLAIN—GEOLOGY—MAPS
Compiling geological maps in closed territories of the type found in the West Siberian Lowland. P. F. Li. Inform. sbor. VSEGEI no 16 111-136 '59

WEST SIBERIAN PLAIN—GEOLOGY, STRATIGRAPHIC
Stratigraphy of the Valanginian stage in the central and southern parts of the West Siberian Lowland. T. I. Kirina. Trudy VNIGRI no 186 224-234 '61

WEST SIBERIAN PLAIN—LANDFORMS
Role of crustal movements and fluctuations of the ocean level on the formation of the relief in the northern part of the West Siberian Lowland. I. L. Kuzin. Trudy VNIGRI no 186 203-211 '61

WESTERN EUROPE see Europe, Western

WESTERN SAYAN MOUNTAINS—METEORITES
Meteorite crater in the Western Sayan Mountains. M. V. Voroshilov. Priroda 51 no. 4 107-109 Mr '62.

WESTERN SIBERIA see Siberia, Western

WETTING
Control of the wettability of polyethylene films. A. A. Sinegub-Lavrenko. Dokl. AN SSSR 143 no 4 925-927 Ap '62.
Equilibrium of particles on the "liquid - gas" interface during flotation. K. A. Razumov. Obog. rud 6 no. 6: 29-33 '61

WETTING—TESTING
Wetting of metallic and refractory materials with molten lithium. A. I. Beliaev, F. A. Zhemchuzhina. Sbor. nauch. trud. GINTSVETMET no 33 132-142 '60

WHALES
(see also subdivision under Antarctic regions)
Structure of teeth in the embryos of toothed whales [with summary in English]. V. A. Plotkin. Zool. zhur. 40 no 12, 1901-1902 D '61.

WHARVES
Apparatus for full-scale tests of mooring structures. IU. I. Vasil'evskii. Gidrotekhnika no. 1 92-94 '61
Operating loads acting on mooring structures. F. M. Shikhiev. Gidrotekhnika no. 1 13-19 '61

WHEAT
(see also subdivision under Argentina; Azov Sea region; Kabardino-Balkar A. S. S. R.; Kazakhstan; Kulunda Steppe)
Anatomic structure of the stem of some species of wheat and its bearing on lodging. V. F. Dorofeev. Bot. zhur. 47 no. 3 374-380 Mr '62.
A case of proliferation of spikelets in wheat. I. G. Kalinenko. Bot. zhur. 47 no. 3:419-420 Mr '62.
Changes in the tillering of wheat under the influence of gibberellin. V. O. Gulkanian, G. G. Khachatrian. Izv. AN Arm. SSR, Biol. nauki 14 no 12 9-23 D '61
Characteristics of plant interrelationship in mixed planting of soft and durum wheat. N. D. Mukhin. Agrobiologiia no. 1:139-141 Ja-F '62.
Crop rotation which includes row crops is the basis for high spring wheat yields. K. T. Beliaev, M. M. Beliaeva. Zemledelie 24 no. 2, 18-22 F '62.
Dependence between the amount of potassium content in the leaves of some varieties of winter wheat and its immunity to brown rust. V. F. Peresypkin, V. D. Hotsuliak. Dop. UASHN 3 no 2-29-32 Mr-Ap '60
Shekhurdin, A. P. [Selected works] Izbrannye sochineniia. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 324 p.
(DA)
Vernalization of winter wheat under various conditions of temperature and light. O. A. Nikiforov. Agrobiologiia no. 1:90-98 Ja-F '62.

WHEAT—DISEASE AND PEST RESISTANCE
Results of breeding winter and spring wheat for disease resistance. I. V. Popova, A. I. Zaritanova, K. N. Startseva. Trudy Vsesoz. nauch.-issl. inst. sakh. svekly i sakh. 1 no 2 36-46 '61.

WHEAT—DISEASES AND PESTS
Breeding wheat for the resistance to loose smut. L. P. Ryzhei. Trudy KirgNIIZ no 3 12-17 '60

WHEAT—FERTILIZERS AND MANURES
(see also subdivision under Azerbaijan)
Comparative effect of nitrogen, phosphorus, and potassium deficiencies on the absorption and metabolism of phosphorus in winter wheat in light and in the dark [with summary in English]. L. A. Zuev, P. F. Golubeva. Fiziol. rast. 9 no 1 41-47 '62
Nature of mineral nutrition in spring wheat during ontogenesis [with summary in English]. I. A. Podvalkova. Fiziol. rast. 9 no 1 48-52 '62
Supplementary fertilizer application to winter wheat in Chernozems and gray forest soils. S. A. Vertii. Zemledelie 24 no. 3 78-79 Mr '62.

WHEAT—IRRIGATION
Effect of irrigation on the productivity of hybrid winter wheat progeny. Bogdan V. Bochev. Agrobiologiia no 1: 32-36 Ja-F '62

WHEAT—VARIETIES
(see also subdivision under Siberia)
Thermostability of cell protoplasm in some varieties of spring wheat [with summary in English]. T. V. Olenikova, P. D. Uglov. Bot. zhur. 47 no. 3 337-343 Mr '62
Variation of some features in Moskovskaia 2453 winter wheat. A. A. Ukolov. Agrobiologiia no. 1:73-79 Ja-F '62.

WHEAT BREEDING
Calculation of the heredity of quantitative features of wheat amphidiploids by dispersion analysis. IU. K. Nikol'skii, O. I. Mankevich. Biul. inst. biol. AN BSSR no 6:239-244 '61

WHITE RUSSIA—AGRICULTURE
We face a severe test. Belarus' 19 no 3 2 of cover-1 Mr '62

WHITE RUSSIA—ALDER
Phenological observations on black alder. I. D. IUrkevich, V. S. Gel'tman. Biul. Inst. biol. AN BSSR no 6: 36-48 '61.
Regeneration of speckled alder forests in the White Russian S. S. R. V. A. Smirnova, P. E. Sorogovets. Biul. Inst. biol. AN BSSR no. 6:66-71 '61

WHITE RUSSIA—ALFALFA—VARIETIES
Frost resistance of different varieties of alfalfa in White Russia. E. V. Khodasevich. Biul. Inst. biol. AN BSSR no. 6:170-174 '61

WHITE RUSSIA—ALLIUM
Bear's onion Allium ursinum L. in White Russia. N. V. Kozlovskaia, R. T. Protasevich. Biul. Inst. biol. AN BSSR no. 6:103-104 '61.

WHITE RUSSIA—AMUR CORK TREE
Cultivation of the Amur cork tree by seed. D. S. Trukhanovskii, A. I. Shershneva. Biul. Inst. biol. AN BSSR no. 6:49-55 '61

WHITE RUSSIA—CANNING INDUSTRY—LABOR PRODUCTIVITY
Planning labor productivity in the canning industry on the basis of processing costs. O. Dolgova. Biul. nauch. inform. trud i zar. plata 5 no 3 7-9 '62.

WHITE RUSSIA—COLLECTIVE FARMS
Check for 700,000 rubles. V. Moev. Sov. Soiuz no. 4: 22-25 '62

WHITE RUSSIA—CONSERVATION OF NATURAL RESOURCES
Let's protect nature as Lenin taught us. N. Markhalik. Belarus' 19 no 3:19 Mr '62

WHITE RUSSIA—COOPERATIVE SOCIETIES
Fruits of indifference. B. Khvostov. Sov. potreb. koop. 6 no 3 41-44 Mr '62.

WHITE RUSSIA—DESCRIPTION AND TRAVEL
Paless, S. [Through our homeland White Russia] Pa rodnai Belarusi. Minsk, Dziarzh. vyd-va BSSR, 1958. 173 p.
(NN)

WHITE RUSSIA—FINANCE
Reveal more fully the hidden potentialities of the economy. V. Kokhonov. Fin. SSSR 23 no 3, 31-35 Mr '62.

WHITE RUSSIA—GEOLOGY, STRATIGRAPHIC
First data on absolute geochronology of the crystalline basement of White Russia. A. M. Pap and others. Dokl. AN BSSR 6 no 3 172-180 Mr '62.

WHITE RUSSIA—HISTORICAL RESEARCH
Some results and prospects for the development of historical studies in the White Russian S. S. R. I. S. Kravchenko. Ist. SSSR 6 no. 1:217-219 Ja-F '62.

WHITE RUSSIA—INSECTS, INJURIOUS AND BENEFICIAL
Ectoparasites of bats in White Russia. L. T. Arzamasov, A. N. Kurskov. Dokl. AN BSSR 6 no 3:202-203 Mr '62

WHITE RUSSIA—LAND TENURE

Some remarks apropos of N.N. Ulashchik's article. V.K. [illegible] Inst. SSSR 6 no 1 231-235 Ja-F '62.

WHITE RUSSIA—LUPINE

Expand the acreage of forage lupine in White Russia V. P. Kharlamov Zemledelie 24 no 3 49-51 Mr '62

WHITE RUSSIA—MANUFACTURES

Clear the way for beautiful merchandise. I. Drobau Belarus' 19 no 3 26 Mr '62

WHITE RUSSIA—MEDICAL PERSONNEL

Sixth Plenum of the White Russian Republics' Committee of the Medical Worker's Trade Union Zdrav. Bel. 8 no 1 65-67 Ja '62

WHITE RUSSIA—PEASANTRY

"The life of White Russian peasants in a region of guerrilla warfare" by A. I. Zaleski Reviewed by K. Huslyatyi Nar tvorch ta etn 5 no 4 140-142 O-D '61

WHITE RUSSIA—PEAT BOGS

Origin of peat intercalations of a higher decomposition degree in the highmoor deposits of White Russia M. A. Kononko, A. P. Pidoplichko Dokl. AN BSSR 5 no 10 462-464 O '61

WHITE RUSSIA—POLITICS AND GOVERNMENT

Drobiazko, S. G. [Committees of the Supreme Soviets of the Union Republics, based on the experience of the White Russian S. S. R.] Komissii Verkhovnogo Soveta soiuznoi respubliki, iz opyta BSSR Moskva, Gos izd-vo iurid lit-ry, 1961 74 p.

WHITE RUSSIA—PUBLIC HEALTH

National economic plan of the White Russian S. S. R. for public health in 1962. A. L. Dorosinskii Zdrav. Bel. 8 no. 1 3-5 Ja '62.

WHITE RUSSIA—RED CROSS

Second plenum of Central Committee of the Red Cross Society of the White Russian S. S. R. Zdrav. Bel 8 no. 1 67-68 Ja '62

WHITE RUSSIA—RUBBER INDUSTRY

Practice in mixed-brigade labor organization. I. Shramko Biul nauch. inform trud i zar plata 5 no 3 39-41 '62.

WHITE RUSSIA—SONGBIRDS

Which bird utters these notes? H. Ihnatsenka Belarus' 19 no 3 31 Mr '62

WHITE RUSSIA—SPRING

The calendar of nature, March A. Kurskou Belarus' 19 no 3 31 Mr '62

The presents of spring H. Ihnatsenka Belarus' 19 no 3 31 Mr '62

WHITE RUSSIA—SUGAR BEETS

Effect of space arrangement on the characteristics of sugar beets in White Russia V. V. Caponovich. Agrobiologia no 1 141-146 Ja-F '62.

WHITE RUSSIA—SURGICAL SOCIETIES

Session of the Society of Surgeons of the White Russian S. S. R. I. Zakharkov. Zdrav. Bel 8 no. 1 72-73 Ja '62

WHITE RUSSIA—WILDLIFE, CONSERVATION OF

Let's protect nature as Lenin taught us H. Marhatilik. Belarus' 19 no 3 19 Mr '62

WHITE RUSSIA—WORLD WAR, 1939-1945—ATROCITIES

Enemies of White Russia. I. Andronov. Nov vrem. 20 no 14;18-20 Ap '62

WHITE RUSSIA—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS

"The life of White Russian peasants in a region of guerrilla warfare" by A. I. Zaleski Reviewed by K. Huslyatyi Nar tvorch ta etn 5 no 4 140-142 O-D '61

WHITE RUSSIAN ACTORS see Actors, White Russian

WHITE RUSSIAN LANGUAGE—PRIMERS see Primers, White Russian

WHITE RUSSIAN MUSIC see Music, White Russian

WHITE RUSSIAN PAINTERS see Painters, White Russian

WHITE SEA—CODFISH

Materials on the ecology of the codfish Eleginus navaga (Pall) in the White Sea A. M. Anukhina Vop ikht 2 no 1 55-68 '62

WHITE SEA—HERRING

Fertilization and development of the roe of the White Sea herring (Clupea harengus Pallasi n. maris-albi Berg (var A)) in waters of different salinity. L. A. Gaikina. Dokl. AN SSSR 143 no. 2;479-482 Mr '62

Rings and spawning marks on scales of the White Sea herring (Clupea harengus pallasi maris-albi Berg) L. E. Anokhina. Vop ikht. 2 no. 1 140-157 '62.

WHITE SEA—HYDROLOGY

Nonperiodical level variations in the White Sea. K. D. Tiron. Uch. zap. LGU no. 309;78-91 '61.

WHITEFISHES

(see also subdivision under Baikal, Lake)

Effect of some environmental factors on the hatching of embryos in salmonid and coregonid fishes A. V. Popov, A. I. Zotin Ryb khoz 37 no 11 22-28 '61

WHOLESALE TRADE—FINANCE

Let's improve the analysis of working capital A. Kaplan. Sov torg 35 no 3 36-39 Mr '62

WHOLESALE TRADE—STATISTICS

Basic indices of the simultaneous census of the material and technical base of the wholesale trade Vest stat no 1 89-95 '62

WHOOPING COUGH

Clinical aspects and pathomorphology of lesions of the heart in whooping cough complicated by pneumonia [with summary in English] V. P. Braginskaia, I. S. Dergachev Pediatriia no. 2,34-39 '62

Clinical course of whooping cough in comparison with some indices of nonspecific immunity [with summary in English] S. R. Iholan Pediatriia no 2;27-34 '62

Whooping cough and the prospects for its eradication in the country. M. S. Zakharova Vest AMN SSSR 17 no 2;77-81 '62

WHOOPING COUGH—PREVENTIVE INOCULATION

Duration of immunity in children inoculated with a whooping cough vaccine [with summary in English] G. V. Gordina, I. S. Lazurenko, T. IU. Kasparova Zhur. mikrobiol., epid. i immun. 33 no 2 33-37 F '62

Effectiveness of vaccine therapy in whooping cough with a study of the phagocyte index [with summary in English] T. E. Onishchenko, M. G. Kobzeva Pediatriia no 2,39-43 '62

Historical survey of works on the active immunization against whooping cough. I. S. Atsarova Zhur. mikrobiol., epid. i immun 33 no 2 136-139 F '62

Inhalation immunization with the whooping cough vaccine in an experiment on animals [with summary in English] S. N. Muromtsev, G. F. Maiorova, V. P. Nenashev Zhur. mikrobiol., epid. i immun 33 no 2 3-8 F '62

WILD OATS see subdivision under Canada

WILDLIFE, CONSERVATION OF see subdivision under Pripet Valley, White Russia

WINCHES

Modernization of brakes of jib winches of excavators. G. Dul'skii Prom. stroi. i inzh. soor 3 no 2 59 Mr-Ap '61.

WIND EROSION

(see also subdivision under Turkmenistan)

Some laws in the development of wind erosion processes. T. F. IAkubov Izv. AN SSSR, Ser. geog no. 2;26-36 Mr-Ap '62

WINDBREAKS, SHELTERBELTS, ETC.

(see also subdivision under Kulunda Steppe)

Kholup'iak, K. L. [More effective forest plantations for erosion control] Pidvyshchennia efektyvnosti protyerozijnykh lisovykh nasadzhen'. Kyiv, Vyd-vo Ukrains'koi Akad. sil's'kohospodars'kykh nauk, 1961 153 p. (DA)

Logginov, B. I. [Fundamentals of shelterbelt afforestation] Osnovy polezashchitnogo lesorazvedenila. Kiev, Izd-vo Ukrainskoi akad. sel'khoz. nauk, 1961. 349 p. (DA)

Principles of improvement cuttings in shelterbelts along rail tracks V. A. Chirkov Les khoz. 15 no 1 37-42 Ja '62

Swing saw for improvement cuttings in shelterbelts. S. T. Shtepa. Les. khoz. 15 no 1 85-89 Ja '62

WINDING MACHINES

Balance of cross winding on tapered bobbins. A. A. Ostrovskii Tekst prom 22 no. 2;32-34 F '62.

Electromechanical stop of the M-150 winding machine. N. P. Prokop'ev Tekst prom. 22 no. 2;46-47 F '62.

Industrial specimen of the freely rotating cop holder. M. A. Zubov, Izv. vys. ucheb. zav.; tekh. tekst. prom. no. 1 81-88 '62.

WINDS

(see also subdivision under Tsimlyansk Reservoir region, Tskhaltuba region)

Motion of air in valleys. L. A. Gutman. Meteor. i gidrol. no. 3 3-8 Mr '62.

Prokh, L. Z. [The angry and the kind winds] Serditye i dobrye vetry. Leningrad, Gidrometeor. izd-vo, 1961. 150 p.

WINE AND WINE MAKING

(see also subdivision under Samarkand)

Mustard seed cake as a preserving agent in the production of semisweet wines. G. P. Koltuniak Trudy Nauch.-issl. inst. sad., vin. 24;23-25 '60.

Production of red wines by heating grape pomace. L. D. Safonova. Trudy Nauch.-issl. inst. sad., vin 24,19-21 '60.

WINTER see subdivision under Azerbaijan; Caspian Sea region; Daghestan; Turkmenistan

WINTER WARFARE

Attack of a rifle company in winter. I. Dep[illegible] vest. 11 no 2;19-22 F '62

Combat operations in winter. O. Lavrik Voen vest no 12 19-23 D '61

Determining the passability of terrain A. I. [illegible] Voen vest 11 no 12 26-28 D '61

In deep snow on steep ascents V. Grachev Tankovik no 12;10 D '61

Take into account the characteristics of winter [illegible] dov Voen vest 41 no. 2;82-84 F '62

WINTERFAT see subdivision under Tadjikistan

WINTERGREEN

Development of the endosperm and growth [illegible] of the zygote in the European species of wintergreen E. S. Terekhin Bot. zhur. 47 no [illegible]

WIRE BROADCASTING—EQUIPMENT AND [illegible]

Segal', S. G., and L. L. Koshevoi [RDPK-30 [illegible] Apparatura RDPK-30. Moskva, Svyaz'izdat, [illegible] 23 p. (Lektsii dlia rabotnikov radiouzlov i [illegible]

WIRE DRAWING

Drawing of rods made of continuously [illegible] Leonov, A. I. Belova Stal' 22 no. [illegible]

Drawing of titanium wire through a rotating [illegible] V. Z. Zhilkin. Sbor. nauch. trud. GIN[illegible] 355-364 '60

Establishing the basic parameters of drawing [illegible] aluminum bimetal wire A. I. Ivanov, I. I. [illegible] Sbor. nauch. trud. GINTSVETMI I no [illegible]

New method of feeding metalworking lubricant [illegible] formation zone during drawing V. I. [illegible] Korostelin Stal' 22 no 1 80 '62 Mr '62

Production potentials of small-section and [illegible] plants of the R. S. F. S. R. P. I. Berezhkov [illegible] ekon inform no. 2,3-5 '62

WIRE-ROPE TRANSPORTATION see Cableways

WIRELESS OPERATORS see Radio operators

WITCH HAZEL

Leaf venation in species of the family Hamamelidaceae N. T. Skvortsova. Trudy Len. khim. farmats. in-ta 15-93 '61

WOLF FISH

Culinary products from wolf fish P. A. Pil[illegible] khoz. 38 no 3 54-56 '62.

WOMEN

International Women's Day, material for [illegible] discussions E. Pavlenko Komm. Mold. [illegible] F '62

WOMEN—BIBLIOGRAPHY see Bibliography

WOMEN—EMPLOYMENT

(see also subdivision under Russians, Tajiks)

Her vocation. N. Gluzman. Za rul' [illegible]

Human happiness is to be found in work. [illegible] Mashinostroitel' no. 3;36 Mr '62

In the front ranks of the builders of communism [illegible] trud 7 no. 3 3-8 Mr '62.

Legal regulation of the working conditions of [illegible] U. S. S. R. S. M. Uzbekov Sov. gos. i pravo [illegible] 100-112 Mr '62.

A member of the congress. III. Fedetov [illegible] tel' no 3;32 Mr '62.

Our calendar Mol. komm. no. 3 [illegible]

The right way. V. Gorbanev. Mashinostroitel' [illegible] 33 Mr '62.

Women as welders. V. Beliaev Mashinostroitel' [illegible] 34-35 Mr '62

Women at the Gorkiy Milling-Machine Plant [illegible] kin. Mashinostroitel' no. 3;33 Mr '62

Women at the Kirov Plant in Leningrad K. [illegible] Mashinostroitel' no 3;34-36 Mr '62

Women in commerce. A. Shalnurova [illegible] no. 3;3-6 Mr '62.

WOMEN—HEALTH AND HYGIENE

Khrystynin, V. I. [Daily hygienic exercises for [illegible] Shchodenna higiienichna gimnatyka dlia [illegible] Derzh. med. vyd-vo URSR, 1961. 40 p. (DNLM)

Yesterday, today, tomorrow. D. Orlova. [illegible] no. 1 28-29 Ja '62.

WOMEN—PHYSICAL EDUCATION see Physical education for women

WOMEN—RIGHTS OF WOMEN

(see also subdivision under Kara-Kalpak A. [illegible] Turkestan)

Discrimination against women in capitalist [illegible] E. N. Korshunova. Sov. gos. i pravo [illegible] Mr '62.

For you, Soviet woman! Sov profsoiuzy [illegible] Mr '62

March 8th, day of women workers. [illegible] no. 3;1-2 Mr '62

WOMEN—SPORTS see Sports for women

WOMEN AS AUTHORS
Plans and ideas. L. Obukhova, A. Koptiaeva, N. Adamian V mire knig 2 no 3:14-45 Mr '62

WOMEN AS FARMERS see subdivision under Regar District, Uzbekistan

WOMEN AS FORESTERS
Leading women foresters Les. khoz 15 no. 3 86-87 Mr '62

WOMEN IN AERONAUTICS
Heroine of labor B. Monastyrskii Sov. voin 41 no 5: 20 Mr '62

WOMEN IN POLITICS see subdivision under Uzbekistan

WOMEN IN PUBLIC LIFE
(see also subdivision under Chelyabinsk, Lans; Tugulym District, United States)
An efficient organizer. Faina Matita Sov. deput. trud. no 3:84-86 Mr '62
Women in the cooperative movement P. Sergeeva. Sov. potrebkoop 6 no 3 49-51 Mr '62

WOMEN'S INTERNATIONAL DEMOCRATIC FEDERATION
Women and disarmament. Carmen Santi. Nov. vrem. 20 no. 13, 17 Mr '62.

WOOD—ANATOMY
Anatomical structure of wood of the linden tree Tilia Pallipkoana Wagn. et A. Grossh. Z. A. Novruzova Dokl. AN Azerb. SSR 18 no 1:71-75 '62

WOOD—CHEMISTRY
Averbukh, A. IA. [Wood plastics and wood chemicals; survey] Drevesnye plastiki i khimicheskie produkty iz drevesiny; obzor. Leningrad, Leningradskii Dom nauchno-tekhn. propagandy, 1962. 96 p.
Sumarokov, V. P. [Technology of the production of wood chemicals; a manual for foremen, technicians, and engineers] Tekhnologiia proizvodstva lesokhimicheskikh produktov; posobie dlia masterov i inzhenerno-tekhnicheskikh rabotnikov. Moskva, Gos. izd-vo mestnoi promyshl. i khudozh. promyslov RSFSR, 1961. 303 p.

WOOD, COMPRESSED see subdivision under Voronezh Province

WOOD CARVING
Vlasnevskaia, V. M. [Wood carving and painting on wood] Russkaia narodnaia rez'ba i rospis' po derevu. Moskva, Vses. koop. izd-vo, 1959. 30 p. (Khudozhestvennye promysly RSFSR)
(RPB)

WOOD TAR
Vapor phase thermal emethylation of wood-tar oils in a contact pyrolysis reactor E. S. Bezmozgin and others Trudy VNIIT no 10 59-63 '61.

WOOD-USING INDUSTRIES
Okunev, G. S. [Manual on the expenditure of raw material and materials used in forestry] Spravochnik po raskhodu syr'ia i materialov, primeniaemykh v lesnoi promyshlennosti. Moskva, Goslesbumizdat, 1961. 225 p
(DA)

WOODPULP
(see also subdivision under Segezha)
From the pages of foreign journals. Bum. prom. 37 no. 3:32 Mr '62.
Mastering the operation of a new multistage bleaching plant. A. F. Tkachov, IU. P. Petrov. Bum. prom 37 no. 3:21-23 Mr '62.
Motion picture method of investigating the impregnation of chips. L. M. Volina, N. A. Krotova Bum. prom 37 no. 3:11-14 Mr '62.
Some irreversible phenomena taking place during the drying of paper and woodpulp. D. M. Filate, I. IU. Levdik. Bum. prom. 37 no 3:14-16 Mr '62.

WOODPULP—BIBLIOGRAPHY see Bibliography—Woodpulp

WOODPULP INDUSTRY
Efforts of the Scientific and Technical Society toward the solution of current technological problems. Bum. prom. 37 no. 3:1-4 Mr '62

WOODPULP INDUSTRY—EQUIPMENT AND SUPPLIES
(see also subdivision under Kaliningrad)
[Equipment and technology of the printing industry] Ref. zhur. Otd. vyp. 37: Obor. i tekh. poligr. proizv. nos. 1-6 Ja-Mr '62.
The PLB-1 continuous line for processing pulpwood of firewood aspen. A. V. Lin'kov. Biul. tekh.-ekon. inform. no. 2:39-41 '62.

WOODWORKING INDUSTRIES
(see also subdivision under Leningrad; Toguchin)
[Economics of the woodworking industry] Ekonomika lesoobrabatyvaiushchei promyshlennosti. Moskva, Goslesbumizdat, 1961. 309 p.

WOODWORKING MACHINERY
The KPA-20 machine for manufacturing round sticks. Sh. A. Gol'denberg. Biul. tekh.-ekon. inform. no. 2: 46-47 '62.

The US-2M universal woodworking machine. Sh. A. Gol'denberg, M. A. Zhurkov. Biul. tekh.-ekon. inform no 2 41-43 '62

WOODY PLANTS
(see also subdivision under Krasnoyarsk; Uzbekistan)
Annual accretion of dry substance two-year old seedlings of local and introduced woody plants. A. A. Novikova Biul. Inst. biol. AN BSSR no 6:59-65 '61
Effect of the total of effective temperatures on the phenological phases of woody plants I. D. IUrkevich, V. I. Parfenov Biul. Inst. biol. AN BSSR no 6:18-25 '61.
Grafting woody plants at the early stages of growth. E. I. Zaar, L. A. IAkovleva. Bot. zhur. 47 no 3 371-373 Mr '62
Harmful effect of magnesite dust on woody vegetation V. I. Nosyrev Les. khoz 15 no 1 18-21 Ja '62.
Investigation of woody plants in the Central Siberian Botanical Garden of the Siberian Branch of the Academy of Sciences of the U.S.S.R. for the purpose of landscape gardening. A. V. Skvortsova. Trudy TSSBS no 3 91-98 '60.
Root system of woody plants. A. N. Kovaleva. Bot. zhur. 47 no 3 421-426 Mr '62.

WOODY PLANTS—FROST RESISTANCE see subdivision under Siberia, Western

WOODY PLANTS—PHYSIOLOGY
Vigorov, L. I. [Course on the physiology of woody plants] Praktikum po fiziologii drevesnykh rastenii. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 146 p.

WOOL
Dynamics of wool development in Askaniya sheep. Z. V. Spleshnova, T. V. Nechyporenko. Nauk. pratsi "Ask.-Nov." 9,35-44 '61.
Interrelation between the method of using rams for breeding purposes and the development of their wool. V. IU. Shavkun. Nauk. pratsi "Ask.-Nov." 9 45 '61.

WOOL—TESTING
Laboratory method for determining the shrinkage of wool and semiwool fabrics after soaking in water. T. N. Luvishis, L. M. Vaks Tekst. prom 22 no 2,73-75 F '62.

WOOLEN AND WORSTED MANUFACTURE—TESTING
Changes in the physicomechanical properties of rough wool cloth occuring in the felting process. A. I. Pavlov. Izv. vys. ucheb. zav., tekh. tekst. prom no. 1:26-32 '62.

WOOLEN AND WORSTED SPINNING
Indrijunas, Juozas. [Wool spinning] Vilnu verpimas. Vilnius, Valstybine politines ir mokslines literatūros leidykla, 1961. 314 p. [In Lithuanian]

WORK
Collective work and mutual assistance Part. zhizn' no 7:61-67 Ap '62.
"Communist attitudes toward work" Reviewed by S. Pavlov Kommunist 39 no 6 126-127 Ap '62
Determining the physical and mental strain of work [with summary in English]. A. M. Volkov. Gig. truda i prof. zab. 4 no 11 10-13 N '60
Overcoming fundamental differences between intellectual and manual work. V. Samyshkin. Komm. Uz. 34 no. 2 49-60 F '62.
Physiological criteria and methods for determining the physical strain of any work [with summary in English]. M. V. Leinik. Gig. truda i prof. zab. 4 no. 11 3-10 N '60.
Preparation of essential economic conditions for the elimination of fundamental differences between intellectual and manual work, based on the material of Kazakhstan industry A. I. Zharmenov Izv. AN Kazakh SSR. Ser. ekon., filos. i prava no 2:40-53 '61
Production and distribution A. Petrov Mol. kommunist no. 3 75-78 Mr '62.
V. I. Lenin on the communist attitude toward work. V. Patochkin. Ekon. Rad. Ukr. no. 1 97-101 Ja-F '62.
Work and beauty. L. Kogan Kommunist 39 no 6 69-77 Ap '62.

WORK CLOTHES
Your work clothes Sov. profsoiuzy 18 no 3 48 F '62

WORKS COUNCILS
(see also subdivision under Leningrad; Volgograd)
Collective management of a state farm. Martin Mlochi, Nikolai Evert, Jank Pikia Sov. profsoiuzy 18 no 6: 5-6 Mr '62.
Let's teach how to supervise and operate Sov. profsoiuzy 18 no 5:2-3 Mr '62.

WORLD COUNCIL OF CHURCHES, 3rd ASSEMBLY, NEW DELHI (INDIA), 1962
Departure of the delegation of the Russian Orthodox Church to the Third General Assembly of the World Council of Churches. Zhur. Mosk. Patr no 12:4 D '61.

WORLD POLITICS
Alertly watch over the building of communism Vest. protivovozd. obor. no 12.3-6 D '61.

Anticommunism is the main ideological and political weapon of imperialism. E. Modzhinskaia. Polit. samoobr. 6 no 3 37-47 Mr '62.
Brief news on international events. Nov. vrem. 20 no. 13 32 Mr '62.
Brief news on international life Nov. vrem 20 no. 14 32 Ap '62
The brightest democracy on earth. Kommunist 39 no. 7 3-10 My '62.
Combat readiness of the filer Vest. Vozd. Fl. no 12:1-6 D '61

Crimes of the present-day slave owners. Komm. Vooruzh. Sil 2 no 6 78-79 Mr '62
Decisions of the congress call for action Norman Jeffry Sov. profsoiuzy 18 no 3 38 F '62.
For peace, freedom, and national independence Ukraina no 6 6 Mr '62
[From the history of the international solidarity of the proletariat; documents and materials] Iz istorii mezhdunarodnoi proletarskoi solidarnosti; dokumenty i materialy. Glav. red. G. A. Belov i dr. Moskva, Izd-vo "Sovetskaia Rossiia."
Vol. 5 [Workers' international solidarity in the struggle against fascism and the unleashing of the Second World War, 1933-1937] Mezhdunarodnaia solidarnost' trudiashchikhsia v bor'be s fashizmom, protiv razviazyvaniia Vtoroi Mirovoi voiny, 1933-1937. 1961. 548 p.
"The ideological foundations of contemporary colonialism" by B. A. Shabad Reviewed by G. L. Episkoposov Nar. Azii i Afr. no 1 200-201 '62.
International notes. Nov. vrem. 20 no. 13 20-22 Mr '62
International notes Nov. vrem. 20 no. 14:21-23 Ap '62
Labutin, A. I. [International responsibility of the Soviet people] Internatsional'nyi dolg sovetskogo naroda. Leningrad, Ob-vo po rasprostraneniiu polit. i nauch. znanii RSFSR, 1961. 60 p.
"Lenin on friendship with the peoples of the Orient" Reviewed by M. Lopatkin. V mire knig 2 no. 2 2 F '62.
Main features of the concluding stage of the disintegration of the colonial system [with summary in English p 224] V. IA. Avarin. Nar. Azii i Afr. no. 1 17-29 '62
Modzhorian, L. A. [The policy of neutrality] Politika neitraliteta. Moskva, Izd-vo "Znanie," 1962. 31 p. (Novoe v zhizni, nauke, tekhnike. Seriia 7: Mezhdunarodnaia, no. 3)
The most pressing problem of our time G. Es'kov. Komm. Vooruzh. sil 2 no 7 80-88 Ap '62.
New world on the ruins of the old colonial system. L. Stepanov. Komm. Mold. 7 no. 2:57-63 F '62.
Prokop'ev, N. P. [Principal problem of our time; problems of peace and war in present-day circumstances. Translated by A. Kans] Musdienu galvenais jautajums; par kara un miera problemam musdienu apstaklos. Riga, Latvijas Valsts izdevnieciba, 1961. 108 p. [In Latvian]
Question of war and peace is the basic problem of our day Komm. Ukr. 37 no 2 82-87 F '62.
Sosnov, V. A. [Twenty-Second Congress of the CPSU on the CPSU on the present international situation. Translated by J. Levitans] PSKP XXII kongress par musdienu starptautisko stavokli, Riga, Latvijas Valsts izdevnieciba, 1962. 29 p. [In Latvian]
Soveshchanie predstavitelei kommunisticheskikh i rabochikh partii, Moscow, 1960. [Documents of the Conference of the Representatives of Communist and Workers' Parties in Moscow, November 1960] Dokumenty. Moskva, Gos. izd-vo polit. lit-ry, 1960. 63 p. (Bibliotechka po nauchnomu sotsializmu)
The struggle for peace, socialism, freedom, and national independence Komm. Vooruzh. sil. 2 no 7 42-46 Ap '62
They will not take us by surprise K. Ivanov. Starsh.-serzh. no. 12 4-5 D '61.
The world chooses peace. Ogonek 40 no. 9:3 F '62.

WORLD WAR, 1939-1945
(see also subdivision under Balkan Peninsula; Caucasus; Czechoslovakia; Far East; Kerch Peninsula; Kiev; Landsberg; Lithuania, Moscow; Pacific Ocean; Rumania; Ukraine; United States; White Russia)
In combat and at work A. Cheburashkin. Voen. vest. 41 no. 2:66-67 F '62.
"In the name of soldier heroes" by N. G. Kuz'min Reviewed by N. Bakaev. Voen. vest. 41 no. 2:123-124 F '62.
Ivan Soltys, courageous machine gunner. P. Lobanov. Sov. voin 44 no. 7:27 Ap '62.
Let comrades respond. V. Stepashkin. Sov. voin. 43 no. 23:18 D '61.
Love for life. G. Gladkikh. Sov. voin 44 no. 5:20 Mr '62.
Nauchnaia konferentsiia po voprosam istorii KPSS perioda Velikoi Otechestvennoi voiny, Kiev, 1959. [Materials relating to the history of the CPSU during the Great Patriotic War] Voprosy istorii KPSS perioda Velikoi Otechestvennoi voiny; materialy. [Kiev] Izd-vo Kievskogo univ., 1961. 311 p.
Only forward! L. Saltykov. Voen. vest 41 no. 2:15-17 F '62.

WORLD WAR, 1939-1945 (Continued)

Samchuk, I. A. [The 13th Guards, combat history of the 13th Guards Poltava Order of Lenin Rifle Division 1941-1945, twice-decorated with the Order of the Red Banner and the Orders of Suvorov and Kutuzov] Trinadtsataia gvardeiskaia, boevoi put' Trinadtsatoi gvardeiskoi Poltavskoi ordena Lenina dvazhdy Krasnoznamennoi ordenov Suvorova i Kutuzova strelkovoi divizii, 1941-1945 Moskva, Voen. izd-vo M-va oborony SSSR, 1962. 293 p.

Savchenko, V. I. [The Latvian Guards] Gvardeiskaia Latyshskaia Riga, Izd-vo Akad. nauk Latviiskoi SSR, 1961. 166 p.

"Struggle of the peoples of Slavic countries against the fascist enslavers, 1939-1945" by V. I. Klokov. Reviewed by V. Zaitsev. Komm. Ukr. 37 no. 2 93-95 F '62.

"Struggle of the peoples of Slavic countries against fascist invaders" by V. Klokov. Reviewed by O. Slutskyi. Nauka i zhyttia 11 no. 2 49 F '62.

Tanks cooperate with infantry. F. Pilipenko. Voen. vest. 41 no. 2 14-15 F '62.

There is an inscription on the bridge. A. Cheburashkin. Sov. voin. 44 no. 5 20 Mr '62.

Two letters of Sasha Matrosov. G. Bazekin. Sov. voin. 44 no. 5 28 Mr '62.

WORLD WAR, 1939-1945—AERIAL OPERATIONS

Below us is Tomarovka. A. Vorozheikin. Vest. Vozd. Fl. no. 12 12-77 D '61.

Final blows. A. Fedorov. Sov. voin. 43 no. 23 42-43 D '61.

Sons of the Guard. G. Kucherkov. Av. i kosm. 44 no. 3. 73-79 '62.

Unusual assignment. N. Kozlov. Av. i kosm. 14 no. 3, 80-82 '62.

WORLD WAR, 1939-1945—ATROCITIES

Kondratas, Z. [The Ninth Fort. Translated from the Lithuanian] IX Fort. Vil'nius, Gos. izd-vo polit. i nauchn. lit-ry Litovskoi SSR, 1961. 54 p.

WORLD WAR, 1939-1945—CATHOLIC CHURCH (BYZANTINE RITES)

Living corpses. G. Burlachenko. Voiov. ateist. no. 11 31-32 N '61.

WORLD WAR, 1939-1945—DIPLOMATIC HISTORY

Sevost'ianov, G. N. [Preparation for war in the Pacific Ocean; September 1939-December 1941] Podgotovka voiny na Tikhom okeane, sentiabr' 1939 g. - dekabr' 1941 g. Moskva, Izd-vo Akad. nauk SSSR, 1962. 590 p.

WORLD WAR, 1939-1945—ECONOMIC ASPECTS

New data on economic situation in the regions of the R.S.F.S.R. liberated in 1943 from the occupation forces of German fascists. M. P. Gubenko. Ist. SSSR. 6 no. 1 115-121 Ja-F '62.

WORLD WAR, 1939-1945—MEDICAL AND SANITARY AFFAIRS

[Soviet medicine in the Great Patriotic War, 1941-1945] Opyt sovetskoi meditsiny v Velikoi Otechestvennoi Voine, 1941-1945 gg. Moskva, Medgiz.
Vol. 9. 1950. 530 p.

WORLD WAR, 1939-1945—NAVAL OPERATIONS

Osipov, S. A. [Heroic deed of the men of the Baltic patrol boats] Podvig katernikov-baltiitsev. Leningrad, Ob-vo po raspr. ostraneniiu polit. i nauch. znanii RSFSR, 1961. 75 p.

WORLD WAR, 1939-1945—PERSONAL NARRATIVES

Boldin, I. V. [Pages from life] Stranitsy zhizni. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 245 p.

"Diary of a German soldier" [translated from the German] by P. Kernet-Schrader. Reviewed by A. Putintsev. Sov. voin. 43 no. 23 36 D '61.

No, he was not killed! M. Lebedinskii. Ogonek. 40 no. 9 22-23 F '62.

"People of immortal heroism." Reviewed by F. Golikov. V mire knig. 2 no. 2 5 F '62.

WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS

"How Slavic peoples struggled against fascist oppressors, 1939-1945" by V. I. Klokov. Reviewed by K. Pavlenko. Ukraina no. 6 16 Mr '62.

[Immortality of youth (on the underground organizations of the Communist Youth League)] Bessmertie iunykh (o podpol'nykh komsomol'skikh organizatsiiakh, sbornik statei. Moskva, Pravda, 1960. 382 p.
(MH)

International features of the European resistance movements during the Second World War [with summary in English, p. 174]. M. I. Semiriaga. Nov. i noveish. ist. no. 6. 102-113 '61.

WORM-GEAR see Gearing, Worm

WORMS, INTESTINAL AND PARASITIC
(see also subdivision under Kazan)

Changes in the helminths of herring gull found in the Black Sea Preserve. V. A. Leonov. Uch. zap. GGPI no. 27 35-37 '60.

Functional changes in the liver in helminthiasis. Kh. B. Berdyev, N. S. Mezhanskaia. Sbor. rab. po mal. i gel'min. no. 2 215-218 '59.

Helminths of carp and predatory fishes in the Astrakhan Preserve. V. M. Kozlova, A. K. Shcherbakova. Uch. zap. GGPI no. 27 111-120 '60.

Helminths of herons. V. A. Leonov. Uch. zap. GGPI no. 27 29-37 '60.

Helminths of rodents in the Caucasus Preserve. M. M. Ershova. Uch. zap. GGPI no. 27 106-110 '60.

Helminths of rodents in Ivanovo and Gorkiy Provinces. O. K. Frimler. Uch. zap. GGPI no. 27 102-107 '60.

Investigation of the helminth fauna in chickens of the Kirovoy Rog Basin. M. E. Savchenko. Nauch. dokl. vys. shkoly, biol. nauki no. 1 7-8 '62.

Kazlauskas, Julijus, Julijus Pagirys, and Mikolas Rauckis. [Helminth diseases of animals and poultry] Gyvulių ir paukscių helmintozes. Vilnius, Valstybine politines ir mokslines literatures leidykla, 1961. 301 p. [In Lithuanian]
(DA)

Material on the helminths of rodents in the Black Sea Preserve. L. S. Shaldybin, V. S. Chaneva. Uch. zap. GGPI no. 27 81-96 '60.

Mishchenko, O. S. [Prevention of helminthic diseases in children] Zapobihannia hilistianym zakhvoriuvanniam u ditei. Kyiv, Derzh. med. vyd-vo URSR, 1961. 14 p.
(DNLM)

Parasitic worms of the long-eared hedgehog from the Island of Barsa-Kelmes. L. S. Shaldybin. Uch. zap. GGPI no. 27 58-72 '60.

WORMWOOD
(see also subdivision under Soviet Central Asia)

Materials on the taxonomy of wormwood (Artemisia L.) P. P. Poliakov. Trudy Inst. bot. AN Kazakh. SSR. 11 131-177 '61.

WOUNDS

Nerve structures in granulating tissues of skin wounds [with summary in English]. G. I. Gnashkin. Arkh. pat. no. 3 53-60 '62.

Novachenko, N. P. [Principles of orthopedics and traumatology] Osnovy ortopedii i travmatologii. Moskva, Medgiz, 1961. 279 p.
(DNLM)

pH of suppurative wound secretion in various forms of bandaging. L. F. Vladimirova, N. P. Medvedev. Kaz. med. zhur. no. 5,48-49 S-O '61.

WOUNDS—TREATMENT

Effect of chondroitin sulphate on the healing of wounds. [with summary in English]. B. S. Kasavina and others. Eksp. khir. i anest. 6 no. 5 10-13 S-O '61.

Healing of infected wounds in an experiment under the repeated influence of ionizing irradiation. A. D. Kazarian, L. I. Abaskalieva. Med. rad. no. 3 61-66 '62.

WRESTLING

Kolodnikov, I. P. [Sambo wrestling] Bor'ba Sambo. Moskva, Voen. Izd-vo M-va oborony SSSR, 1961. 93 p.

WRIST—SURGERY

Case of reconstruction of the wrist during primary surgical management. I. A. Shraer, L. L. Shafranskii. Kaz. med. zhur. no. 1 73-74 Ja-F '62.

WRIST—WOUNDS AND INJURIES

Preservation of the hand in a case of severe injuries of the radiocarpal joint. R. S. Stepanov. R. S. Ortop., travm. i protez. no. 2 61-65 '62.

X-RAY CRYSTALLOGRAPHY

Applicability of correction formula for the calculation of secondary extinction. A. V. Kuznetsov. Fiz. met. i metalloved. 13 no. 2 305-308 '62.

Numerical characteristics in X-raying by the powder method. IU. A. Piatenko. Trudy Inst. min., geokhim., i kristallokhim. red. elem. no. 6 86-88 '61.

X RAYS

Recording of X rays with the aid of CdS photoresistance. A. Z. Zhmudskii, I. IA. Kucherov, V. L. Shianovskii. Zav. lab. 28 no. 2 232-233 '62.

X RAYS—DIFFRACTION

Investigating the intensity of X-ray reflections of cold-deformed metals. V. A. Il'ina, V. K. Kritskaia, G. V. Kurdiumov. Fiz. met. i metalloved. 13 no. 1 132-136 Ja '62.

Measuring lattice parameters and residual stresses of the first order by means of X rays. M. M. Shved. Fiz. met. i metalloved. 13 no. 1 146-148 Ja '62.

Results of X-ray structural studies of some ammonium complex compounds of bivalent copper. M. A. Porai-Koshits, M. Bukovaka. Zhur. strukt. khim. 3 no. 1 38-43 Ja-F '62.

X-ray diffraction study of solid phases in ternary aqueous systems consisting of nickel, sodium, and aluminum sulfates at 25-65° C. V. G. Kuznetsov, B. Imanakunov. Zhur. strukt. khim. 3 no. 1 51-63 Ja-F '62.

X-ray diffraction study of the individual representatives of the Bi - Se system. A. A. Godovikov. Zhur. strukt. khim. 3 no. 1 44-50 Ja-F '62.

X RAYS—EQUIPMENT AND SUPPLIES

Mirror centering device for X-ray apparatus. B. N. Savchenko. Vest. rent. i rad. 37 no. 1 51-52 Ja-F '62.

X RAYS—PHYSIOLOGICAL EFFECT

Acute radiation sickness caused by X rays and by inhalation of radioactive phosphorus. I. G. Ramishvili. Trudy Gruz. GMI. 27 no. 1 341-354 '61.

Albumin fractions in blood serum and state of the antitoxic liver function in rabbits following repeated X-irradiation of varying dosage. V. N. Slavnaia. Voen. delo no. 8, 26-30 Ag '61.

Autolysis of blood in radiation injuries. I. G. Shkhvatsabaia. Vop. radiobiol. [AN Arm. SSR] 1, 91-101 '60.

Biochemical analysis of the reaction of muscle tissue to radiation injury in case of a mechanical trauma. I. F. Popova. Dokl. AN SSSR. 134 no. 2 444-447 My '60.

Course of the injuries of the central nervous system in animals exposed to X rays. L. S. Gevzalin. Vop. radiobiol. [AN Arm. SSR] 1, 58-67 '60.

Dynamics of morphological and some histochemical changes in spleen and lymphatic nodes after general X-ray exposure. L. E. Pulatova. Vop. radiobiol. [AN Arm. SSR] 1, 78-85 '60.

Effect of general X-ray radiation on the sexual system of white mice and rabbits (female). L. P. Markarian, M. S. Ordokian. Vop. radiobiol. [AN Arm. SSR] 1, 117-125 '60.

Effect of the stimulator of regeneration procaine on the epithelium of X-rayed rabbit skin. A. A. Hlavin, G. P. Zemliansky. Nauch. dokl. vys. shkoly, biol. nauki no. 3, 98-101 '61.

Effect of X irradiation of pregnant animals on changes in the peripheral blood of the offspring. N. I. Nozdrina, N. N. Kuznetsova, I. K. Ramaila. Dokl. AN SSSR. 143 no. 3, 717-720 Mr '62.

Effect of X-ray irradiation on the metabolism of thiamine (vitamin B1) in the body [with summary in English]. M. M. Kubatieva. Vop. pit. 21 no. 2, 26-30 Mr-Ap '62.

Effect of X-ray therapy of malignant tumors on the heart muscle according to electrocardiographic data. A. I. Popova, T. I. Dubovaia-Golosovskaia. Kaz. med. zhur. no. 5, 25-27 S-O '61.

Effect of X rays on the dog testicle. G. M. Sogatelian. Vop. radiobiol. [AN Arm. SSR] 1, 189-208 '60.

Irradiation cataract caused by the transmutations of the irradiated crystalline lens. V. V. Popov. Dokl. AN. 143 no. 2, 441-443 Mr '62.

Radiation injury of carp gonads. N. B. Cherfas. Vop. ikht. 2 no. 1 104-116 '62.

Some physiological and biochemical characteristics of mice with different natural radiosensitivity. [with summary in English]. B. I. Lobanov and others. Dokl. AN SSSR. 143 no. 1, 205-208 Mr '62.

Studying changes in the phagocytic function of leucocytes and the opsonizing effect of bacteriophage in radiation sickness. N. V. Gogebashvili. Soob. AN Gruz. SSR. 27 no. 3, 325-332 S '61.

X RAYS—THERAPEUTIC USE

Recanalization and X-ray therapy in inoperable cases of the esophagus [with summary in English]. I. I. Dumova, A. I. Rudelman, T. P. Ivashchenova. Khir. 38 no. 3, 71-79 '62.

"Use of X rays in the diagnosis and treatment of rare diseases" by L. IA. Italiaan, E. S. Vainshtein. Reviewed by G. V. Panfilova. Ort. zhur. 17 no. 1 64 '62.

X-ray control of the effectiveness of antibiotic therapy in postinfection colitis. P. D. Tsanopol'skaia, V. I. Mirza, Kaz. med. zhur. no. 1, 23-24 Ja-F '62.

XANTHIC ACID

Sorption of alkali metal xanthates by anion exchangers. I. N. Plaksin, S. A. Tetiaeva. Dokl. AN SSSR. 144 no. 3, 653-654 Mr '62.

XEROGRAPHY

Obtaining electrophotographic images in liquid developers. S. I. Khotianovich, A. IU. Gikone. Zhur. nauch. i prikl. fot. i kin. 7 no. 1, 30-35 Ja-F '62.

Some problems in the developing of electrophotographic layers. K. M. Vinogradov. Zhur. nauch. i prikl. fot. i kin. 7 no. 1, 59-60 Ja-F '62.

Zhilevich, I. L., and E. L. Nemirovskii. [Electrophotography] Elektrofotografiia. Pod red. D. A. Dobina. Moskva, Gos. izd-vo "Iskusstvo," 1961. 125 p. (Biblioteka fotolubitelia, no. 24)

YAGNOB VALLEY—ORE DEPOSITS

Some characteristics of the geology and mineral composition of ores of antimony-mercury deposits and ore occurrences in the eastern part of the Yagnob basin. N. S. Murogina. Inform. sbor. VSEGEI no. 40, 76-94 '61.

YAKHROMA RESERVOIR—FRESHWATER BIOLOGY

Extent of the utilization of higher aquatic plants by algae, phytophagous invertebrates (exemplified by Yakhroma Reservoir on the Moscow-Volga Canal). N. I. Kochetova. Trudy MMBI no. 3, 170-184 '61.

YAKIMVARSKIY BAY—HYDROLOGY

Rise and flow fluctuations of the water level in Yakimvarskiy Bay. T. I. Malinina. Trudy Lab. ozeroved. 11, 128-134 '61.

YAKIMVARSKIY BAY—PHYTOPLANKTON

Composition and dynamics of phytoplankton in Yakimvarskiy Bay. N. A. Petrova. Trudy Lab. ozeroved. 11, 211-235 '61.

YAKIMVARSKIY BAY—SEICHES

Seiches in Yakimvarskiy Bay. I. I. Malinina. Trudy Lab. ozeroved. 12:135-146 '61.

YAKIMVARSKIY BAY—TEMPERATURE

Some characteristics of the thermal regimen of Yakimvarskiy Bay. A. I. Tikhomirov. Trudy Lab. ozeroved. 12:79-110 '61.

YAKUTIA—LICHENS

Clefts in the lichen cover of the southern Yakutia. V. R. Alekseev. Bot. zhur. 47, no. 2:239-240 F '62.

YAKUTIA—MICROPALEONTOLOGY

New data on the microfauna from Mesozoic sediments of Yakutia. N. P. Rumiva. Trudy VNIGRI, no. 186, 61-77 '61.

YAKUTIA—TUBERCULOSIS

Present conditions and prospects for intensifying the campaign against tuberculosis in the Yakut A. S. S. R. E. N. Andreyev, M. F. Shchepotov. Zdrav. Ros. Feder. 6, no. 2:17-22 F '62.

YAKUTSK—IONOSPHERE

Akademiia nauk SSSR. Institut zemnogo magnetizma, ionosfery i rasprostraneniia radiovoln. [Materials of ionospheric research. Yakutsk.] Materialy ionosfernykh issledovanii. Yakutsk, Moskva.
Jan.-Apr., 1958. 1960. 59 p.
May-Aug. 1958. 1960. 75 p.

YAMAL PENINSULA—PINK SALMON

Pink salmon in the tundra rivers of Yamal. Ryb. khoz. 38, no. 3:11 '62.

YAREGA REGION—OIL FIELDS—MICRO-ORGANISMS

Microflora of waters, petroleums, and rocks in the Yarega deposit. P. I. Motovilov, Z. A. Kolesnik. Trudy VNIGRI, no. 186, 375-380 '61.

YARN

Processing of No. 60 chlorin yarn for the manufacture of plated tricot. M. S. Genzer. Tekst. prom. 22, no. 2:63-65 F '62.

YARN—TESTING

Strain characteristics of the yarn in tension under various conditions. Report No. 1. G. N. Kukin. Izv. vys. ucheb. zav.; tekh. tekst. prom., no. 1:118-25 '62.

YAROSLAVL PROVINCE—OBSTETRICS

Development of obstetrical aid in Yaroslavl Province. V. P. Pukhov. Vop. okh. mat. i det., 7, no. 1:85-89 Ja '62.

YASACHNAYA VALLEY—PALEOBOTANY, STRATIGRAPHIC

Find of Psilophytales in Devonian deposits of the middle basin of the Kolyma River. B. V. Pepeliaev, M. I. Terekhov. Dokl. AN SSSR, 143, no. 1:931-934 Ap '62.

YASINOVKA—COKE OVENS

Study of coke-oven regenerators of large capacity. F. M. Izrailit. Koks i khim., no. 3:15-19 '61.

YEAST
(see also subdivision under Leningrad, Moscow)

Accumulation of biomass in fodder yeast during its growth in a potato juice. A. S. Vecher and others. Biul. Inst. biol. AN SSSR, no. 6:179-183 '61.

Adaptation of local yeast races to high and low environmental temperatures. V. G. Alekhina. Trudy Nauch.-issl. inst. sad., vin., 24:21-33 '60.

Automation of the processes of feed yeast production. A. N. Chebalak, IA. G. Raikher. Spirt. prom., 28, no. 2:16-20 '62.

Baker's yeasts obtained in the production of alcohol from sugar-beet molasses. I. B. Krishtul. Khleb. i kond. prom., 6, no. 3:11-15 Mr '62.

Evaluating molasses as raw materials for the yeast industry. O. A. Bakushinskaia. Khleb. i kond. prom., 6, no. 3:10-11 Mr '62.

Expansion of the yeast industry in 1961-1962. I. K. Sivolap. Khleb. i kond. prom., 6, no. 3:4-7 Mr '62.

Improvement of the quality of baker's yeasts by increasing their maltase activity. N. M. Semikhatova. Khleb. i kond. prom., 6, no. 3:13-14 Mr '62.

Increased riboflavin production by yeasts [with summary in English]. E. M. Dikanskaia. Mikrobiologiia, 31, no. 1:35-42 Ja-F '62.

Methods for determining the stability of yeasts. N. V. Gorokhova. Khleb. i kond. prom., 6, no. 3:11-12 Mr '62.

Modernization in the field of the baker's yeast production technology. E. A. Plevako. Khleb. i kond. prom., 6, no. 3:7-8 Mr '62.

New equipment for yeast plants and measures taken for modernizing them. V. K. Pokrovskii. Khleb. i kond. prom., 6, no. 3:9-10 Mr '62.

Operating experience with automatic devices in the yeast industry. N. F. Gol'man. Khleb. i kond. prom., 6, no. 3:15-16 Mr '62.

Oxygen aftereffect in γ-irradiation of heploid and diploid yeasts. E. M. Karabaev. Nauch. dokl. vys. shkoly, biol. nauki, no. 1:105-108 '62.

Requirement in thermotolerant yeasts of supplementary growth factors [with summary in English]. L. G. Loginova, N. F. Gerasimova, L. M. Seregina. Mikrobiologiia, 31, no. 1:29-34 Ja-F '62.

Scientific and technical conference on new equipment and production technology of baker's yeasts. Khleb. i kond. prom., 6, no. 3:1 Mr '62.

Some recommendations by the scientific and technical Conference on new equipment and production technology of baker's yeasts. Khleb. i kond. prom., 6, no. 3:21-22 Mr '62.

To increase the production of baker's yeasts. V. P. Zotov. Khleb. i kond. prom., 6, no. 3:1-3 Mr '62.

YEAST—CONGRESSES

Reviewing the reports presented by the member participants of the scientific and technical conference on the new equipment and production technology of baker's yeasts. Khleb. i kond. prom., 6, no. 3:19-20 Mr '62.

YEGOR'YEVSK—TEXTILE INDUSTRY

Everyone takes part in surprise inspections. I. Lopatina. Komsom. zhizn', no. 5:14-15 Mr '62.

YEGOR'YEVSK—TEXTILE MACHINERY—TECHNOLOGICAL INNOVATIONS

Proposals of efficiency promoters of the Yegor'yevsk Melange Combine. N. M. Dmitriev. Tekst. prom., 22, no. 2:47-48 F '62.

YEKATERINY CHANNEL—OCEAN CURRENTS

Causes of rip formation. IU. D. Mikhailov. Izv. Vses. geog. ob-va, 94, no. 1:83-85 Ja-F '62.

YELISEYEVICHI REGION—MAMMOTH

Differences in the molars of various order numbers in the mammoth. V. V. Shchegiova. Dokl. AN BSSR, 5, no. 10:465-469 O '61.

YEMEN—FOREIGN RELATIONS—RUSSIA

Vladimirov, L. S. [The beacon of friendship, Port Ahmadi, Yemen.] Malak druzhby (Port Akhmedi, Iemen). Moskva, Gos. izd-vo polit. lit-ry, 1962. 38 p.

YEMEN—POLITICS AND GOVERNMENT

Vladimirov, L. S. [The beacon of friendship; Port Ahmadi, Yemen.] Malak druzhby (Port Akhmedi, Iemen). Moskva, Gos. izd-vo polit. lit-ry, 1962. 38 p.

YEMEN—PUBLIC HEALTH

Public health in the Kingdom of Yemen. V. A. Galkin. Sov. zdrav., 21, no. 3:79-82 '62.

YENCH'UAN DISTRICT (SHENSI PROVINCE)—SOILS—MICROBIOLOGY

Comparison of the species composition and antibiotic properties of actinomycetes from soils of the Gornyy Altai (U. S. S. R.) and Yench'uan District (Chinese People's Republic) [with summary in English]. T. Kiryuy. Mikrobiologiia, 31, no. 1:90-94 Ja-F '62.

YENISEY BAY—SEA ICE

Expedition to the Yenisey Bay. IU. V. Tarbeev. Probl. Arkt. i Antarkt., no. 8:99-100 '61.

YENISEY RIDGE—ALKALIES

Geochemistry of alkalies in granites of the Taraka Massif in the Yenisey Ridge [with summary in English]. K. K. Zhirov, M. A. Urusova. Geokhimiia, no. 2:105-115 '62.

YENISEY RIDGE—GEOLOGY, ECONOMIC

Geology and minerals of the southeastern margin of the Yenisey Ridge. L. M. Plotnikov. Inform. sbor. VSEGEI, no. 16:3-11 '59.

YENISEY RIDGE—GRANITE

Geochemistry of alkalies in granites of the Taraka Massif in the Yenisey Ridge [with summary in English]. K. K. Zhirov, M. A. Urusova. Geokhimiia, no. 2:105-115 '62.

YENISEY VALLEY—BITUMEN

Bitumen occurrences and their distribution features in the northern part of the Tunguska syneclise. I. S. Gol'dberg. Trudy VNIGRI, no. 186, 128-142 '61.

YENISEY VALLEY—JOINTS (GEOLOGY)

Data on tectonic macrojoints of rocks in connection with structural analyses of local uplifts in the Tunguska syneclise. G. R. Mirkin. Trudy VNIGRI, no. 186, 143-151 '61.

YENISEY VALLEY—PETROLEUM GEOLOGY

Prospecting outlook for petroleum in the lower Yenisey River area. P. S. Puk, G. N. Kartseva. Inform. biul. NIIGA, no. 16, 22-29 '59.

YEREVAN see Erivan

YERMAK DISTRICT—FARM MANAGEMENT

Taking into consideration geographical conditions in planning land utilization within the national economy. G. V. Cheshikhin. Vop. geog., no. 54:6-19 '61.

YESSENTUKI—SANATORIUMS

Housewarming in a sanatorium. V. Petrov. Sots. obesp., 23, no. 3:40-40 Mr '62.

YESTYUNINSKOYE REGION (SVERDLOVSK PROVINCE)—BLASTING

Use of short-delay blasting in the Yestyuninskoye Mine. P. S. Danchev and others. Trudy Gor.-geol. inst. UFAN SSSR, no. 57:29-32 '61.

YOUNG COMMUNIST LEAGUE see Communist Youth League

YOUNG MEN AS SCIENTISTS

Science and youth. I. Petrovskii. Mol. kommunist, no. 4:85-92 Ap '62.

YOUTH
(see also subdivision under United States)

Romance of creativeness. Aleksei Surkov. Smena, 39, no. 6:1-2 Mr '62.

YOUTH—CONGRESSES

Let's prepare for the festival. Mol. kommunist, no. 3:97-99 Mr '62.

YOUTH—EMPLOYMENT
(see also subdivision under Kemerovo Province, Uzbekistan)

I appeal to you, our best young workers! Arkadii Perventsev. Mol. kommunist, no. 4:107-111 Ap '62.

Participation in the building of communism is the great privilege of Soviet youth. L. Karpinskii. Kommunist, 39, no. 6:50-59 Ap '62.

YOUTH—SOCIETIES, ETC. see subdivision under Ukraine

YUGOSLAVS see subdivision under Austria

YPERITE (POISON GAS) see Mustard gas

YTTERBIUM—SPECTRA

Determining the multipolarity of transitions in Yb^{171} at an energy of 19.3 Kev [with summary in English]. B. S. Dzhelepov, I. M. Rogachev. Vest. LGU, 17, no. 4:56-58 '62.

YTTRIUM—ISOTOPES

Decreasing the deposit of Y^{91} and Ce^{144} in the body by using some complexing agents. N. O. Razumovskii, O. L. Torchinskaia, V. S. Balabukha. Biofizika, 6, no. 5:610-611 '61.

YTTRIUM OXIDE

Bond energies of carbon, hydrogen, and oxygen atoms of organic molecules with yttrium oxide. A. A. Tolstopiatova, I. R. Konenko, A. A. Balandin. Kin. i kat., 3, no. 1:103-106 '62.

YUGOSLAVIA—COMMERCE—RUSSIA

Soviet-Yugoslav trade relations. Vnesh. torg., 42, no. 3:7 '62.

ZAGORSK—METEOROLOGY—OBSERVATIONS

Akademiia nauk SSSR. Institut geografii. [Materials on glaciological research. Zagorsk; heat balance.] Materialy glatsiologicheskikh issledovanii: Zagorsk; teplovoi balans. Moskva. [With summary in English]
No. 3. Anan'eva, L. M., and IU. L. Rauner. [Gradient observations. Cloudiness. Atmospheric phenomena.] Gradientnye nabliudeniia. Oblachnost'. Atmosfernye iavleniia. 1961. 166 p.

ZAILIYSKIY ALA-TAU see Trans-Ili Ala-Tau

ZAKOPANE, POLAND—SKIS AND SKIING

On the Olympus of skiing. V. Viktorov. Ogonek, 10, no. 10:25 Mr '62.

ZANGEZUR RANGE—GLACIAL EPOCH

New data on the Quaternary glaciation in the northern Syunik Range (Zangezur). S. Kh. Gevorkian. Izv. AN Arm. SSR. Geol. i geog. nauki, 14, no. 6:71-76 '61.

ZAOKSKOYE DISTRICT—ROADS

The roads which can rejuvenate you. I. Stoliarov. Sov. deput. trud, no. 3:111 Mr '62.

ZAPOROZH'YE—MOTION-PICTURE THEATERS

Relying on the activist group. F. Vyshnevets'kyi. Sots. kul't., no. 2:46 F '62.

ZAPOROZH'YE—REFRACTORIES INDUSTRY

Work of the Design Office in the Zaporozhye Refractories Plant. A. A. Baranova. Ogneupory, 27, no. 2:71-72 '62.

ZAPOROZH'YE—STEEL INDUSTRY

Communists of the "Zaporozhstal'" Mill try to carry out the seven-year plan ahead of schedule. I. Bondarchev. Part. zhizn', no. 7:22-29 Ap '62.

ZAPOROZH'YE—WATER, UNDERGROUND

Ground waters of a watershed in the Zaporozh'ye Steppe and the dynamics of its level rise caused by industrial structures. I. N. Kruglov. Nauch. zap. MIIVKH, 19, 300-342 '57.

ZAPOROZH'YE PROVINCE—ANTIQUITIES

Savits'ka, IE. [At the bottom of the Sarmatian Sea.] Na dni Sarmats'koho moria. Kyiv, Derzh. vyd-vo dytlachoi lit-ry URSR, 1961. 60 p.

ZAPOROZH'YE PROVINCE—COMMUNITY AND SCHOOL

Every club should have children's sections. O. Zaika. Sots. kul't., no. 2:18 F '62.

ZAPOROZH'YE PROVINCE—ELECTRIC EQUIPMENT INDUSTRY—PRODUCTION STANDARDS

Technically based norms and time expended on production. P. Kuvshinnikov. Sots. trud, 7, no. 3:32-35 Mr '62.

ZAPOROZH'YE PROVINCE—MACHINERY INDUSTRY—PRODUCTION STANDARDS

Technically based norms and time expended on production. P. Kovshinnikov. Sots. trud 7 no 3 82-85 Mr '62.

ZARETSKII, BORIS L'VOVICH, 1908-1961

B. L. Zaretskii, obituary. Avt. dor. 25 no. 3,32 Mr '62

ZARKENT (UZBEKISTAN)—BOARDING SCHOOLS

Boarding school on a collective farm. Uzbekiston 21 no. 2 27 F '62

ZAVARZIN, ALEKSEI ALEKSEEVICH, 1886-1945

Some problems in evolutionary histology (on the 75th birthday of A. A. Zavarzin) [with summary in English] S. I. Shchelkunov. Arkh. anat., gist., i embr. 41 no. 12, 3-17 D '61.

ZEMAICIU KALVARIJA—HISTORY

Lauraitis, Vincas. Zemaiciu Kalvarija. Antrasis leidimas. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 26 p. [In Lithuanian]

ZENITH TELESCOPE see Telescope, Zenith

ZEOLITES

Structure and adsorption properties of cation-substituted forms of CaA zeolite. S. A. Levina and others. Dokl. AN BSSR 6 no. 3 164-167 Mr '62

ZERABULAK MOUNTAINS—FORAMINIFERA, FOSSIL

First find of a fossil representative of the genus Arenaparrella (Foraminifera). I. S. Suleimanov. Paleont. zhur. no. 1 159-160 '62.

ZERAVSHAN RIVER—CARP

Morphology and biology of Schizothorax of the Zeravshan Basin. E. V. Kiseleva. Trudy UzGU no. 110 65-77 '61.

ZERAVSHAN RIVER—HYDROBIOLOGY

Hydrobiological characteristics of the upper Zeravshan River. L. K. Sibirtsova, E. V. Kiseleva, M. A. Abdullaev. Trudy UzGU no. 110 97-117 '61.

ZERAVSHAN VALLEY—ALGAE

Materials on algae of the reservoirs of the Zeravshan River basin. A. M. Muzafarov, K. Iu. Musaev. Trudy TashGU no. 187 235-249 '61.

ZERAVSHAN VALLEY—DUCKS

Comparative morphologic characteristics of the organ of equilibrium in some river ducks of the Zeravshan Valley. M. M. Akhmedov. Trudy UzGU no. 110 51-64 '61.

ZERAVSHAN VALLEY—FLYCATCHERS

Biology of flycatchers of the Zeravshan Valley. A. K. Sagitov. Trudy UzGU no. 110 25-36 '61.

ZERAVSHAN VALLEY—MAPS, EARLY

Map of the headwaters of the Zeravshan dating to the first quarter of the eighth century. O. I. Smirnova. Strany i nar. Vost. no. 2 220-230 '61.

ZERAVSHAN VALLEY—PASSERIFORMES

Wintering passerine birds of the Zeravshan Valley. A. K. Sagitov. Trudy UzGU no. 110:3-24 '61.

ZERAVSHAN VALLEY—PHEASANTS

Materials on the biology and economic role of the Zeravshan pheasant. M. V. Kaluzhina. Trudy UzGU no. 110: 37-42 '61.

ZEYA RIVER—DREDGING

Regulating capacity of dredging in rivers. I. F. Karasev. Amur. sbor. no. 2 184-201 '60.

ZEYA RIVER—HYDRAULIC STRUCTURES

Hydroelectric power complex on the Zeya River. Gidr. stroi. 32 no. 1:40 Ja '62.

ZEYA-BUREYA PLAIN—GAS, NATURAL—GEOLOGY

Prospective oil and gas resources of the Zeya-Bureya Depression. I. N. Sulimov. Amur sbor. no. 2,259-268 '60.

ZEYA-BUREYA PLAIN—PETROLEUM GEOLOGY

Prospective oil and gas resources of the Zeya-Bureya Depression. I. N. Sulimov. Amur. sbor. no. 2:259-268 '60.

ZEYA-BUREYA PLAIN—SOILS

Dark-colored meadow soils of the Zeya-Bureya Plain. A. T. Terent'ev. Amur. sbor. no. 2:296-309 '60.

ZEYVA—ENGELHARDTIA

Find of a fossil species of the genus Engelhardtia in Oligocene deposits of Azerbaijan. G. M. Kasumova. Dokl. AN Azerb. SSR 18 no. 1 31-33 '62.

ZHAMTSARANO, TSYBEN ZHAMTSARANOVICH, 1881-

Eightieth birthday of Ts. Zh. Zhamtsarano. P. Baldanzhanov. Nar. Azii i Afr. no. 1:217 '62.

ZHASHKOV DISTRICT—SUGAR BEETS

Mel'nyk, V. D. [Seventeen minutes of work for a centner of sugar beets] 17 khvylyn pratsi na tsentner buriakiv. Kyiv, Derzh. vyd-vo sil's'kohospodars'koi lit-ry URSR, 1962. 38 p.
(DA)

ZHDANOV—COKE INDUSTRY

From a factory of communist labor to a factory of communist society. B. Bacvskii. Koks i khim. no. 2,46-50 '62.

ZHDANOV—STEEL INDUSTRY

Each second is important in this giant plant. Fedir Koretskyi. Ukraina no. 6 7 Mr '62.

ZHDANOV—STEEL INDUSTRY—SAFETY MEASURES

In big as well as in small... IU. Lobanov. Sov. profsoiuzy 18 no. 7,25-26 Ap '62.

ZHENDOV, ALEKSANDR, 1902-1953

Aleksandr Zhendov; on his 60th anniversary of his birth. Mara TSoncheva. Iskusstvo 25 no. 2,43-44 '62.

ZHGENTI, VLADIMIR KAPLANOVICH, 1891-

Vladimir Kaplanovich Zhgenti, on his 70th birthday. I. IA. Tatishvili and others. Arkh. pat. no. 3 93-94 '62.

ZHIRMUNSKII, VIKTOR MAKSIMOVICH, 1891-

V. M. Zhirmunskii as folklorist, the 70th anniversary of his birth. B. N. Putilov. Sov. etn. no. 1 107-110 Ja-F '62.

ZHITOMIR—COMMUNITY CENTERS

On the occasion of a national holiday. V. Burlachenko. Sots. kul't. no. 2,6-7 F '62.

ZHITOMIR PROVINCE—ATHEISM

Our priest Kordon hasn't found a new parish. F. Koval'chuk. Volov. ateist no. 11,15-16 N '61.

ZHITOMIR PROVINCE—FOLKLORE STUDIES

The Society of Students of Local Lore in Zhitomir Province. V. Kepka. Nar. tvorch. ta etn. 5 no. 4 150 O-D '61.

ZIMOVNIKI DISTRICT—SHEEPSHEARING

Subbotina, P. A. [Shop for machine sheepshearing; from experience on the Krushchev State Sheep Raising Farm in Zimovniki District] TSekh mashinnoi strizhki ovets; iz opyta ovtsevodcheskogo sovkhoza imeni Krushcheva, Zimovnikovskogo raiona. [Rostov-na-Donu] Rostovskoe knizhnoe izd-vo, 1962. 34 p.
(DA)

ZINC

Direct determination of zinc content in condensate. L. V. Kiseleva. Elek. sta. 33 no. 1 60 Ja '62.

ZINC—ANALYSIS

Ion exchange separation of indium from zinc in solutions containing sulfate ions. St. Stancheva, L. P. Alimarin, E. P. TSintsevich. Zav. lab. 28 no. 2 156-158 '62.

ZINC—METALLURGY

Cooperation between the zinc and copper industries (on the example of the Ural Mountain plants). V. A. Karsunkina. Izv. vys. ucheb. zav., tsvet. met. 5 no. 2: 150-155 '62.

Obtaining zinc oxide from low-grade products of complex ore dressing. IA. D. Fridman, V. I. Serebriakov, R. I. Sorochan. Izv. AN Kir. SSR. Ser. est. i tekh. nauk 3 no. 3 135-149 '61.

ZINC-CADMIUM ALLOYS see Cadmium-zinc alloys

ZINC IN THE BODY

Role of zinc in the amine oxidase activity of the blood serum [with summary in English]. V. Z. Gorkin. Vop. med. khim. 7 no. 6 632-636 N-D '61.

ZINC ORES

Features of the distribution of rare elements in lead-zinc deposits and the methodology of studying them to calculate the reserves. A. A. Garmash, K. F. Kusnetsov, G. M. Meituv. Trudy Inst. min., geokhim., i kristallokhim., red. elem. no. 6:56-71 '61.

Flotation of oxidized zinc minerals. A. A. Abramov. Obog. rud. 7 no. 1:3-11 '62.

Possibility of dressing ores containing oxidized zinc minerals. A. A. Abramov. Obog. rud. 6 no. 6:25-29 '61.

ZINC OXIDE

Thermodynamics of the dissolution of zinc oxide and copper oxide in sulfuric acid solutions as applicable to the leaching of zinc concentrates. A. N. Vol'skii, E. M. Sergievskaia. Sbor. nauch. trud. GINTSVETMET no. 33: 18-25 '60.

ZINC OXIDE—ELECTRIC PROPERTIES

Mechanism underlying the formation of a latent electrophotographic image in zinc oxide layers. L. B. Levinson, L. Z. Plavina. Dokl. AN SSSR 143 no. 4,822-824 Ap '62.

ZINC PLATING

Effect of aluminum and silumin on the properties of zinc coatings. A. K. Rubtsov. Ukr. khim. zhur. 28 no. 2 259-262 '62.

ZINC SELENIDE

Reactions occurring during preparation of zinc selenide by interaction of zinc sulfide with selenious acid. I. IA. Markovskii, R. I. Smirnova. Zhur. neorg. khim. 7 no. 3 540-548 Mr '62.

ZINC SULFIDE

Causes of the drop in luminescence intensity of ZnS phosphors subjected to mechanical crushing. V. I. Levshin, B. D. Ryzhikov. Opt. i spektr. 12 no. 3 400-406 Mr '62.

Reactions occurring during preparation of zinc selenide by interaction of zinc sulfide with selenious acid. I. IA. Markovskii, R. I. Smirnova. Zhur. neorg. khim. 7 no. 3 540-548 Mr '62.

ZINC TITANATES

Caking in the system $ZnO - TiO_2$. B. A. Loshkarev. Steklo i ker. 19 no. 3 22-26 Mr '62.

ZIRCON see subdivision under Kola Peninsula

ZIRCONATES

Mineralogy and crystallography of calzirtite from alkali rocks and carbonatites. A. G. Bulakh, I. D. Shevaleevskii. Zap. Vses. min. ob-va. 91 no. 1 14-29 '62.

ZIRCONIUM—ANALYSIS

Determination of zirconium and its compounds in the air of industrial plants. M. S. Rykhovskaia. Gig. i sanit. i prof. zab. 5 no. 6,54-57 Je '61.

ZIRCONIUM—CORROSION

Mechanism of zirconium pitting corrosion in halide solutions. V. A. Gil'man, IA. M. Kolotyrkin. Dokl. AN SSSR 143 no. 3:640-642 Mr '62.

ZIRCONIUM—METALLURGY

Hydrolytic precipitation of basic zirconium sulfate from sulfuric acid solutions. M. A. Kolenkova, A. I. Lainer. Izv. vys. ucheb. zav., tsvet. met. 5 no. 2,112-117 '62.

Separation of zirconium from sulfate solutions by the salting out method. A. I. Lainer, M. A. Kolenkova. Sbor. nauch. trud. GINTSVETMET no. 33 152-160 '60.

ZIRCONIUM CHLORIDE

Determination of metallic zirconium and its lower chlorides. L. P. Ruzinov, G. I. Alekseeva. Zav. lab. 28 no. 2 165-166 '62.

ZIRCONIUM COMPOUNDS

Extraction of zirconium in the form of complexes formed by organic reagents with one or two salt-forming groupings. V. I. Kuznetsov, Fan Min-e. Zhur. neorg. khim. 7 no. 2:426-430 F '62.

Extraction of zirconium in the presence of weak complexing agents. V. I. Kuznetsov, Fan Min-e. Zhur. neorg. khim. 7 no. 2:422-424 F '62.

ZIRCONIUM COMPOUNDS—SPECTRA

Infrared absorption spectra of rhodanide complexes of zirconium. IU. IA. Kharitonov, I. A. Rozanov. Izv. AN SSSR. Otd. khim. nauk no. 3:102-107 Mr '62.

ZIRCONIUM HALIDES

Melting diagrams of binary systems formed by zirconium and hafnium halides. L. A. Nisel'son. Zhur. neorg. khim. 7 no. 3 603-604 Mr '62.

ZIRCONIUM-IRON ALLOYS see Iron-zirconium alloys

ZONING, ECONOMIC see Economic zoning

ZOOGEOGRAPHY

Ways and time of the formation of discontinuous distribution in some species of marine bottom animals. B. N. Nesis. Okeanologiia 1 no. 5:893-903 '61.

ZOOLOGISTS

"Soviet zoologists." Reviewed by K. I. Shafranovskii. Zool. zhur. 40 no. 12:1906-1907 D '61.

ZOOLOGY
(see also subdivision under Crimea; Moscow region)

"General problems of parasitology and zoology" by E. N. Pavlovskii. Reviewed by M. S. Gilarov. Zool. zhur. 41 no. 3:466-471 Mr '62.

"General zoology" [in German] by G. Giesler. Reviewed by A. V. Ivanov. Zool. zhur. 41 no. 3:471 Mr '62.

This is interesting to know. Otv. na vop. rab. no. 10-11, 40, 52, 59-60 '61.

ZOOLOGY—DICTIONARIES

Akademiia nauk Azerbaidzhanskoi SSR, Baku. Terminologicheskii komitet. [Dictionary of zoological terms; Russian-Azerbaijani] Slovar' terminov po zoologii. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1961. 106 p.

ZOOLOGY—VARIATION

Variability of the shell of the mollusk Limnea stagnalis. P. V. Terent'ev. Trudy Len. ob-va est. 72 no. 1:85-97 61.

ZOONOSES—CONGRESSES
Republic Research and Practice Conference on Zoonosis Infections IA F Pushkarenko Vrach delo no 2 149-151 F '62

ZOOPLANKTON
(see also subdivision under Ladoga, Lake, Mingechaur Reservoir, Novosibirsk Reservoir; Ob' River)
Effect of blue-green algae on the development of zooplankton, E. F. Manuilova. Biul. MOIP, Otd biol. 67 no. 1: 128-131 Ja-F '62.

ZOTIKOV, VLADIMIR EVGEN'EVICH, 1887-
Jubilee of Professor V E. Zotikov. Tekst prom. 22 no 2,96 F '62.

ZULUS
Chaka, a hero of Africa [with English summary in insert] A. Davidson. Az i Afr. seg no. 3 27 Mr '62.

ZURABASHVILI, AVLIPII DAVIDOVICH, 1902-
Avlipii Davidovich Zurabashvili; on his 60th birthday. Zhur nevr i psikh 62 no 3;472-474 '62.

ZUVINTAS, LAKE—BIRDS
Ivanauskas, T., J. Muraska, and T Zubavicius. [Zuvintas Lake Preserve] Zuvintas. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 46 p. [In Lithuanian]

ZYGOPHYLLACEAE—TOXICOLOGY
(see also subdivision under Samarkand region)
Effect of the infusion of Zygophyllum fabago G on the cardiovascular system of animals, preliminary report B. IU. Khamrakulov, D. A. Chianurov. Trudy UzGU no 110 85-92 '61

ZYRYANOVSK—ORE DRESSING
Reorganization of the Zyryanovsk Ore Dressing Plant IU F. Nenarokomov. Obog rud 7 no. 1 24-28 '62

045105 O - 62 - 21

Monthly Index *of* Russian Accessions

Volume 15, No. 4 July 1962

THE LIBRARY OF CONGRESS
WASHINGTON : 1962

INTRODUCTORY NOTE

The MONTHLY INDEX OF RUSSIAN ACCESSIONS* is a record of the publications in the Russian language issued in and outside the Soviet Union that are currently received by the Library of Congress and a group of cooperating libraries. Whenever possible, publications printed in other languages spoken in the Soviet Union are also included.

The MONTHLY INDEX consists of three parts. Part A lists monographic literature, but no accessions published earlier than 1945 are included. To facilitate the use of this INDEX by readers who are not thoroughly familiar with the Russian language, the title in the original language in Part A is preceded by its English translation in brackets.

Part B lists Russian periodicals received, but excludes accessions printed earlier than 1917. Certain Soviet periodicals are being translated into English from cover to cover and published regularly in translation in the United States and other English-speaking countries. A list of such translated periodicals, their publishers, subscription prices, etc., is given at the end of each issue of the *Monthly Index*. In Part B such periodicals are indicated by an asterisk before the periodical title.

Part C provides subject analysis of the monographic titles listed in Part A and of the articles appearing in the periodicals enumerated in the *List of Periodicals Indexed and Abbreviations Used* at the beginning of Part C. The number and letter in parentheses following each abbreviation indicate the class and subclass in which the periodical appears in Part B. For the convenience of readers desiring to examine only monographs or periodical articles, the monographs are printed in slightly heavier type than the periodical articles. The titles of monographs are given both in the original language and in English translation, whereas titles of periodical articles are given in English translation only.

Sample title: Electric action of the brain in glaucoma. L.S.Levina, G.M.Neishtadt. Vest.oft. 30 no.5: 8–12 S–O '51.

Explanation: An article with title given above in English translation, written by L. S. Levina and G. M. Neishtadt, will be found in the September–October 1951 issue of *Vestnik oftalmologii*, vol. 30, no. 5, pages 8–12.

A cumulative list of periodicals included in the current volume appears in number 12 of that volume. This list is arranged by subject; the symbols of American libraries other than the Library of Congress, known to have files of such periodicals, follow each title.

Except in Part C, the material is divided into 17 subject classes and is arranged alphabetically within each class. In addition, for the convenience of the reader, the serials listed in Part B are divided within each subject class into several subclasses. All entries are transliterated according to the usual Library of Congress system except that ligatures are omitted. Unless otherwise indicated, all listed items are represented in the collections of the Library of Congress. Symbols representing other libraries indicate when items are available in those libraries. Curves ( ) around a symbol indicate that at the time of receipt the material was available in another library but not in the Library of Congress.

Cumulative author, subject, and periodical location indexes to the first four volumes of the MONTHLY INDEX are available as separate publications. Beginning with Volume 5, an author index to the monographs, and a periodical location index for the entire volume are furnished as appendices to the first two issues of the following volume.

Orders for microfilm or photostat copies of the listed items that are in the collections of the Library of Congress may be placed with the Photoduplication Service, Library of Congress, Washington 25, D. C.

The MONTHLY INDEX OF RUSSIAN ACCESSIONS is for sale by the Superintendent of Documents, U. S. Government Printing Office, Washington 25, D. C.

Price of single copies varies; subscription price, $12.00 a year domestic, $16.00 a year foreign. Price of Cumulative Index to Volumes 1–3, $1.50; to Volume 4, $0.60.

L. C. card, 48–46562

*Volumes 1–10 (No. 9), 1948–1957, issued under title *Monthly List of Russian Accessions.*

SYMBOLS OF LIBRARIES REPORTING RECEIPT OF PUBLICATIONS

	Auburn University, Auburn, Ala.
	Air University Library, Maxwell Air Force Base, Montgomery, Ala.
	University of Alabama, University
	University of Arizona, Tucson
	California State Library, Sacramento
	Claremont College, Claremont, Calif.
	Honnold Library, Claremont, Calif.
	Pomona College, Claremont, Calif.
	Fresno State College, Fresno, Calif.
	Los Angeles Public Library
	Los Angeles County Museum Library, Los Angeles
	Los Angeles County Law Library, Los Angeles
	Los Angeles County Medical Association, Los Angeles
	University of Southern California, Los Angeles
	University of California at Los Angeles
	University of California, Lick Observatory, Mount Hamilton
	California Institute of Technology, Pasadena
	San Francisco Public Library
	California Academy of Sciences, San Francisco
	University of San Francisco, San Francisco
	Henry E. Huntington Library, San Marino, Calif.
	Stanford College Libraries, Stanford, Calif.
	— The Hoover Institution on War, Revolution, and Peace
	— Lane Medical Library
	University of California, Santa Barbara Library, Goleta
R	Rand Corporation, Santa Monica, Calif.
	University of California, Berkeley
	— University of California, Davis
	— Bancroft Library, Berkeley
	— East Asiatic Library, Berkeley
	— Medical Center, San Francisco
v	— College of Arts, Letters and Science, Riverside
	— Scripps Institution of Oceanography, La Jolla
U	University of Alberta, Edmonton, Canada
ι	Vancouver Public Library, Vancouver, Canada
ιU	University of British Columbia, Vancouver, Canada
PA	Provincial Archives, Victoria, Canada
M	Manitoba Medical College, Winnipeg, Canada
Q	Queen's University, Kingston, Canada
	London Public Library, London, Canada
A	Public Archives Library, Ottawa, Canada
Ag	Department of Agriculture, Main Library, Ottawa, Canada
J	University of Western Ontario, London, Canada
	Geological Survey of Canada, Ottawa, Canada
B	Geographical Bureau Library, Ottawa, Canada
	Laboratory of Hygiene, Ottawa, Canada
	National Research Council, Ottawa, Canada
NM	National Museum, Ottawa, Canada
	Dominion Bureau of Statistics, Ottawa, Canada
U	University of Ottawa, Ottawa, Canada
M	Library, Meteorological Branch, Air Services, Dept. of Transport, Toronto, Canada
R	Royal Canadian Institute, Toronto. (Collection included with CaOTU)
T	University of Toronto, Toronto, Canada
AI	Arctic Institute of North America, Montreal, Canada
BM	Bibliotheque Municipale, Montreal, Canada
M	McGill University, Montreal, Canada
MM	— Medical Library
U	University of Montreal, Montreal, Canada
	University of Saskatchewan, Saskatoon, Canada
	U. S. National Bureau of Standards, Boulder Laboratories, Colorado
CoD	Denver Public Library
CoDM	Medical Society of the City and County of Denver
CoFS	Colorado State University, Fort Collins
CoU	University of Colorado, Boulder
CtHT	Trinity College, Hartford, Conn.
CtW	Wesleyan University, Middletown, Conn.
CtY	Yale University, New Haven
CtY–L	— Law Library
CtY–M	— Medical School Library
DA	U. S. Department of Agriculture Library
DAIA	American Institute of Architects Library, Washington, D. C.
DAL	U. S. Army Library, Pentagon Building
DBC	U. S. Bureau of the Census Library
DBS	U. S. Bureau of Standards Library
DC	U. S. Department of Commerce Library
DCU	Catholic University of America Library, Washington, D. C.
DDC	Dominican House of Studies, Immaculate Conception Convent Library, Washington, D. C.
DDO	Dumbarton Oaks Research Library of Harvard University, Washington, D. C.
DFR	Board of Governors of the Federal Reserve System
DI	U. S. Department of the Interior Library
DI–GS	— Geological Survey Library
DM	U. S. Bureau of Mines Library. (Library integrated with DI)
DN	U. S. Department of the Navy Library
DN–HO	— Hydrographic Office Library
DN–Ob	— Naval Observatory Library
DN–RL	Naval Research Laboratory Library, Anacostia Station, Washington, D. C.
DNIH	National Institutes of Health Library, Bethesda, Md.
DNLM	U. S. National Library of Medicine
DNW	U. S. National War College Library, Fort McNair
DP	U. S. Patent Office Library
DS	U. S. Department of State Library
DSC	Scottish Rite Supreme Council Library
DSI	Smithsonian Institution Library, Washington, D. C.
DSI–AO	— Astrophysical Laboratory Library
DSI–E	— Bureau of American Ethnology Library
DSI–M	— National Museum Library
DWB	U. S. Weather Bureau Library
DeU	University of Delaware, Newark
FMU	University of Miami, Coral Gables, Fla.
FTaSU	Florida State University, Tallahassee
FU	University of Florida, Gainesville
GAT	Georgia Institute of Technology, Atlanta
GEU	Emory University, A[illegible]
GU	University of Geor[illegible]
I	Illinois State Li[illegible]
IArg	Argonne Nation
ICA	Art Institute of
ICAC	American Colle[illegible]
ICF	Chicago Natura
ICJ	John Crerar Lil
ICMILC	Midwest Inter-l
ICN	Newberry Libra
ICU	University of C
ICU–Y	Yerkes Observa
ICarbS	Southern Illinoi
IEN	Northwestern U
IHi	Illinois State H
IU	University of Il
IaAS	Iowa State Uni[illegible] ogy, Ames
IaU	State Universit[illegible]
IdNTS	National React Library, Phil Falls, Idaho
In	Indiana State L

InIA Indiana Academy of Science Library, Indianapolis
InLP Purdue University, Lafayette, Ind.
InNd University of Notre Dame, Notre Dame, Ind.
InU Indiana University, Bloomington
KAS St. Benedict's College, Atchison, Kan.
KMK Kansas State University, Manhattan
KU University of Kansas, Lawrence
KU-L — School of Law Library
KU-M — Medical Center Library, Kansas City
KyU University of Kentucky, Lexington
LNHT Howard-Tilton Memorial Library of Tulane University, New Orleans, La.
LU Louisiana State University, Baton Rouge
MA Amherst College, Amherst, Mass.
MB Boston Public Library
MBAt Boston Athenaeum, Boston
MBM Boston Medical Library, Boston
MBN Boston Society of Natural History, Boston
MBU Boston University
MBdAF U. S. Air Force Cambridge Research Center, Bedford, Mass.
MCM Massachusetts Institute of Technology, Cambridge, Mass.
MH Harvard University, Cambridge, Mass.
MH-A — Arnold Arboretum, Jamaica Plain
MH-AH — Andover-Harvard Theological Seminary Library
MH-BH — Blue Hill Meteorological Observatory, Milton, Mass.
MH-BL — Biological Laboratories Library
MH-C — Chemistry Library
MH-F — Farlow Reference Library
MH-FA — Fogg Art Museum Library
MH-G — Gary Herbarium Library
MH-GM — Gordon McKay Library
MH-HY — Harvard-Yenching Institute (Chinese-Japanese Library)
MH-L — Law School Library
MH-M — Schools of Medicine, Public Health and Dental Medicine, Boston
MH-Mi — Mineralogical Library
MH-O — Astronomical Observatory, the Phillips Library
MH-P — Peabody Museum Library
MH-PR — Physics Research Library
MH-SD — Graduate School of Design Library
MH-Z — Museum of Comparative Zoology Library
MMeT Tufts University, Medford, Mass.
MNS Smith College, Northampton, Mass.
MWelC Wellesley College, Wellesley, Mass.
MWhB Marine Biological Laboratory, Woods Hole, Mass.
MdAN U. S. Naval Academy, Annapolis
MdBJ Johns Hopkins University, Baltimore
MdBWA Walters Art Gallery, Baltimore
MeB Bowdoin College, Brunswick, Maine
MeWC Colby College, Waterville, Maine
MiD Detroit Public Library
MiDA Detroit Institute of Arts
MiDW Wayne State University, Detroit
MiEM Michigan State University, East Lansing
MiMidD Dow Chemical Company, Midland, Mich.
MiU University of Michigan, Ann Arbor
MiU-C — William L. Clements Library
MiU-L — Law Library
MnSJ James Jerome Hill Reference Library, St. Paul
MnU University of Minnesota, Minneapolis
MnU-B — Bio-Medical Library
MnU-L — Law Library
MoFC Central College, Fayette, Mo.
MoKL Linda Hall Library, Kansas City
MoRM University of Missouri School of Mines and Metallurgy, Rolla
MoS St. Louis Public Library
MoSB Missouri Botanical Garden, St. Louis
MoSU St. Louis University, St. Louis
MoSW Washington University, St. Louis
MoU University of Missouri, Columbia
MsSM Mississippi State University, State College
MsU University of Mississippi, Oxford
MtBC Montana State College, Bozeman
MtU Montana State University, Missoula
N New York State Library, Albany
NB Brooklyn Public Library
NBC Brooklyn College, Brooklyn
NBG Brooklyn Botanic Garden, Brooklyn
NBM Medical Society of the County of Kings and Academy of Medicine of Brooklyn Library, Brooklyn
NBSU-M State University of New York, College of Medicine Downstate Medical Center Library, Brooklyn
NBuB Buffalo Society of Natural Sciences, Buffalo
NCH Hamilton College, Clinton, N. Y.
NCorniC Corning Glass Works Library, Corning, N. Y.
NCsC Carnegie Institution, Department of Genetics, Cold Spring Harbor, N. Y.
NIC Cornell University, Ithaca, N. Y.
NIC-A — State Colleges of Agriculture and Home Economics
NN New York Public Library
NNA American Geographical Society, New York
NNBG New York Botanical Garden, Bronx Park, New York
NNC Columbia University, New York
NNC-L — Law Library
NNC-M — Medical Library
NNC-T — Teachers College Library
NNCC Chemists' Club, New York
NNCoCi College of the City of New York, New York
NNCorM Cornell University Medical College Library, New York
NNE Engineering Societies Library, New York
NNF Fordham University, New York
NNIS Library for Intercultural Studies, New York
NNJ Jewish Theological Seminary of America, New York
NNM American Museum of Natural History, New York
NNMM Metropolitan Museum of Art Library, New York
NNNAM New York Academy of Medicine, New York
NNPH-O Institute of Ophthalmology, Presbyterian Hospital, New York
NNR Russell Sage Foundation, College of the City of New York
NNRI Rockefeller Institute for Medical Research, New York
NNU New York University Libraries, New York
NNU-H — University Heights Library
NNU-W — Washington Square Library
NNUN United Nations Library, New York
NPV Vassar College, Poughkeepsie, N. Y.
NRE Eastman Kodak Company, Rochester, N. Y.
NRU University of Rochester, Rochester, N. Y.
NSyU Syracuse University, Syracuse, N. Y.
NUpB U. S. Brookhaven National Laboratory, Upton, N. Y.
NYBT Boyce Thompson Institute for Plant Research, Yonkers, N. Y.
NbU University of Nebraska, Lincoln
NcD Duke University, Durham, N. C.
NcGW Woman's College of the University of North Carolina, Greensboro
NcRS North Carolina State College of Agriculture and Engineering, Raleigh
NcU University of North Carolina, Chapel Hill
NdU University of North Dakota, Grand Forks
Nh New Hampshire State Library, Concord
NhD Dartmouth College, Hanover, N. H.
NjI Irvington Free Public Library, Irvington, N. J.
NjMuB Bell Telephone Laboratories, Murray Hill, N. J.

NjN	Newark Public Library, Newark, N. J.
NjP	Princeton University, Princeton, N. J.
NjR	Rutgers University, New Brunswick, N. J.
O	Ohio State Library, Columbus
OCH	Hebrew Union College, Cincinnati
OCLloyd	Lloyd Library and Museum, Cincinnati
OCU	University of Cincinnati, Cincinnati
OCl	Cleveland Public Library
OClBHS	Benedictine High School, Cleveland
OClJC	John Carroll University, Cleveland
OClM	Cleveland Medical Library
OClMA	Cleveland Museum of Art
OClW	Western Reserve University, Cleveland
OCoB	Battelle Memorial Institute, Columbus
ODW	Ohio Wesleyan University, Delaware, Ohio
OHi	Ohio State Historical Society, Columbus
OO	Oberlin College, Oberlin, Ohio
OOxM	Miami University, Oxford, Ohio
OSte	Carnegie Library, Steubenville, Ohio
OU	Ohio State University, Columbus
OUCA	Chemical Abstracts, Ohio State University, Columbus
OkS	Oklahoma State University, Stillwater
OkU	University of Oklahoma, Norman
OrCS	Oregon State College, Corvallis
OrPR	Reed College, Portland, Ore.
OrU	University of Oregon, Eugene
P	Pennsylvania State Library, Harrisburg
PBL	Lehigh University, Bethlehem, Pa.
PBm	Bryn Mawr College, Bryn Mawr, Pa.
PHC	Haverford College, Haverford, Pa.
PLF	Franklin and Marshall College, Lancaster, Pa.
PP	Free Library of Philadelphia
PPAN	Academy of Natural Sciences, Philadelphia
PPAmP	American Philosophical Society, Philadelphia
PPBC	Philadelphia Bibliographical Center and Union Library Catalogue
PPC	College of Physicians of Philadelphia
PPDrop	Dropsie College for Hebrew and Cognate Learning, Philadelphia
PPF	Franklin Institute, Philadelphia
PPPM	Philadelphia Museum of Art
PPT	Temple University, Philadelphia
PPWI	Wistar Institute of Anatomy and Biology, Philadelphia
PPiCI	Carnegie Institute of Technology, Pittsburgh
PPiU	University of Pittsburgh, Pittsburgh
PRosC	Rosemont College, Rosemont, Pa.
PSC	Swarthmore College, Swarthmore, Pa.
PSt	Pennsylvania State University, University Park
PU	University of Pennsylvania, Philadelphia
PU-BZ	— Botany-Zoology Library
PU-El	— Moore School of Electrical Engineering Library
PU-FA	— School of Fine Arts Library
PU-Math	— Mathematics-Physics Library
PU-Mu	— University Museum Library
PU-Penn	— Penniman Library of Education
PU-Sc	— Towne Scientific School Library
RPB	Brown University, Providence, R. I.
RU	University of Rhode Island, Kingston
TCU	University of Chattanooga, Chattanooga, Tenn.
TNJ	Joint University Libraries (Vanderbilt University, George Peabody College for Teachers, and Scarritt College), Nashville, Tenn.
TONS	Oak Ridge Institute of Nuclear Studies, Oak Ridge, Tenn.
TU	University of Tennessee, Knoxville
TxCM	Agricultural and Mechanical College of Texas, College Station
TxDaM	Southern Methodist University, Dallas
TxHR	Rice Institute, Houston
TxLT	Texas Technological College, Lubbock
TxU	University of Texas, Austin
ULA	Utah State Agricultural College, Logan
ViBlhV	Virginia Polytechnic Institute, Blacksburg
ViU	University of Virginia, Charlottesville
ViU-L	— Law Library
ViW	College of William and Mary, Williamsburg
VtMiM	Middlebury College, Middlebury, Vt.
VtU	University of Vermont and State Agricultural College, Burlington
WHi	State Historical Society of Wisconsin, Madison
WU	University of Wisconsin, Madison
WaU	University of Washington, Seattle
WvU	West Virginia University, Morgantown

MONTHLY INDEX OF RUSSIAN ACCESSIONS

LIBRARY OF CONGRESS—PROCESSING DEPARTMENT

VOLUME 15, NO. 4 JULY 19[illegible]

TABLE OF CONTENTS

Part A—Monographic Works

1. General
2. Bibliography
3. Philosophy & Religion
4. History
5. Social Sciences
6. Political Science
7. Law
8. Education
9. Music, Theater & Motion Pictures
10. Fine Arts
11. Language, Literature & Folklore
12. Geography & Geology
13. Science
14. Medicine
15. Agriculture
16. Technology
17. Military & Naval Sciences

Part B—Periodicals

1. General
   - *a.* Scholarly journals
   - *b.* Popular magazines
2. Bibliography
   - *a.* Bibliography
   - *b.* Libraries & library science
   - *c.* Printing & the book trade
3. Philosophy & Religion
   - *a.* Philosophy
   - *b.* Religion
4. History
   - *a.* General
   - *b.* Archaeology & antiquities
5. Social Sciences
   - *a.* Commerce
   - *b.* Economics
   - *c.* Finance
   - *d.* Labor
   - *e.* Sociology
6. Political Science
7. Law
8. Education
   - *a.* General
   - *b.* Physical education & games

9. Music, Theater & Motion Pictures — Page
a. Motion pictures — 961
b. Music — 961
c. Theater — 961
10. Fine Arts
a. General — 961
b. Architecture — 961
11. Language, Literature & Folklore
a. Language — 961
b. Literature & folklore — 962
12. Geography & Geology
a. Ethnology — 963
b. Geography — 963
c. Geology & paleontology — 963
13. Science
a. General — 963
b. Astronomy — 964
c. Biology — 964
d. Chemistry — 964
e. Mathematics — 964
f. Physics — 964
14. Medicine
a. General — 965
b. Gynecology, obstetrics & pediatrics — 965
c. Neurology & psychiatry — 965
d. Ophthalmology & otorhinolaryngology — 965
e. Pathology & therapeutics — 965
f. Pharmacy & materia medica — 966
g. Public health & nursing — 966
h. Surgery & dentistry — 966
i. Venereology & dermatology — 966
15. Agriculture
a. General — 966
b. Animal industry — 966
c. Forestry — 967
d. Plant culture — 967
16. Technology
a. General — 967
b. Aeronautics — 967
c. Chemical technology — 968
d. Civil & construction engineering — 968
e. Electrical engineering — 968
f. Industries & trades — 969
g. Mechanical engineering — 969
h. Mining & metallurgy — 970
17. Military & Naval Sciences
a. Military science — 971
b. Naval science — 971

Part C—List of Periodicals Indexed and Abbreviations Used — 972
Subject Index to Monographs and Periodicals — 978

Periodicals Available in English Translation Cover-to-Cover.

1. GENERAL

IMANIA] Rumynila. 2, izd., peresmotrennoe i dokav-lennoe. Bucharest, Izd-vo "Meridiany," [1960] 873 p.

FIROV, A. A. [Guinea Republic] Gvineiskaia Respub-lika. Moskva, Znanie, 1961. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 7, Mezhdunarodnaia, no. 19) (MH)

OVIET UKRAINIAN ENCYCLOPEDIA] Ukrains'ka Radians'ka Entsiklopediia. Holovna red. kolegiia. M. P. Bazhan ta inshi. Kyiv, Holovna red. Ukrain-s'koi radians'koi entsyklopedii.
Vol. 7. Kolitvshchyna - Lanchyn. [1961] 576 p.

2. BIBLIOGRAPHY

SSENIKH, V. N. [Memorandum for a book peddler] Pamiatka knigonoshe. Moskva, Gos. biblioteka SSSR im. V. I. Lenina, 1962. 12 p.

TVIJAS PADOMJU SOCIALISTISKAS REPUBLIKAS ZINA'TNU AKADEMIJA Fundamentala biblioteka. [Bibliography of works published in 1960 by the Acad-emy of Sciences of the Latvian S. S. R.] Latvijas PSR Zinatnu akademijas izdevumu bibliografija 1960. Bibliografiia izdanii Akademii nauk Latviiskoi SSR. Riga, Latvijas PSR Zinatnu akad. izdevnieciba, 1961. 161 p. (Prilozhenie k zhurnalu "Izvestiia AN Latvii-skoi SSR," 1961, no. 10)
[MICROFILM]

SHKOVA, M. V. [A. V. Mez'er, 1869-1935; a study of her life and activities] A. V. Mez'er, 1869-1935; ocherk zhizni i deiatel'nosti. Pod red. i so vstup. stat'ei P. N. Berkova. Moskva, Izd-vo Vses. knizhnoi palaty, 1962. 94 p. (Deiateli knigi)

SCOW. PUBLICHNAIA BIBLIOTEKA. [Catalog of candidates' and doctoral dissertations received by the V. I. Lenin Library and the Central Scientific and Medical State Library in the second quarter of 1961] Katalog kandidatskikh i doktorskikh dissertatsii, postupivshikh v Biblioteku imeni V. I. Lenina i Gosudarstvennuiu tsentral'nuiu nauchnuiu meditsin-skuiu biblioteku vo 2-m kvartale 1961 goda. Moskva, 1961. 260 p.

SCOW. PUBLICHNAIA BIBLIOTEKA. [Catalog of candidates' and doctoral dissertations received by the V. I. Lenin Library and the Central Scientific and Medical State Library in the third quarter of 1961] Katalog kandidatskikh i doktorskikh dissertatsii, postupivshikh v Biblioteku imeni V. I. Lenina i Gosudarstvennuiu tsentral'nuiu nauchnuiu meditsin-skuiu biblioteku v 3-m kvartale 1961 goda. Moskva, 1962. 265 p.

SCOW. PUBLICHNAIA BIBLIOTEKA. [Library and bibliographical classification; tables for research libraries] Bibliotechno-bibliograficheskaia klassifi-katsiia; tablitsy dlia nauchnykh bibliotek. Moskva.
No. 25. [Tables for geographical divisions] Tablitsy tipovykh delenii. 1961. 144 p.

IGINOV, A. M. [Description of Uigur manuscripts in the collections of the Institute of Asian Peoples] Opisanie uigurskikh rukopisei Instituta narodov Azii. Moskva, Izd-vo vostochnoi lit-ry, 1962. 205 p.

SSIA (1917- R. S. F. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. [General reference and bibliographic literature; methodologi-cal materials for students] Obshchaia spravochnaia i bibliograficheskaia literatura; metodicheskie materialy dlia studentov. Moskva, Mosk. gos. ekon. in-t, 1959. 73 p.
[MICROFILM]

TIN, F. I. [Work of the school library] Rabota shkol'noi biblioteki. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 110 p.

SOIUZKNIGA, VSESOIUZNOE OB"EDINENIE KNIZHNOI TORGOVLI [Belles lettres; a catalog and price list for buying and selling second-hand and rare books] Khudozhestvennaia literatura; katalog-preiskurant na pokupku i prodazhu bukinisticheskikh i antikvarnykh knig. Moskva, Izd-vo Vses. knizhnoe palaty, 1961. 562 p.

TOMAKHIN, N. S. [Selection of book inventories for trade-union libraries] Komplektovanie knizhnykh fondov profsoiuznykh bibliotek. [Moskva] Izd-vo VTsSPS Profizdat, 1961. 126 p.

ZHIVOVA, Z. S. [Working with bibliographies in children's libraries] Rabota s bibliograficheskimi posobiiami v detskoi biblioteke. Moskva, Gos biblioteka SSSR im. V. I. Lenina, 1961. 46 p.

3. PHILOSOPHY & RELIGION

ABRAMIAN, L. A. [Signal and conditioned reflex, a philosophical essay] Signal i uslovnyi refleks; filosof-skii ocherk. Erevan, Izd-vo AN Armianskoi SSR, 1961. 161 p.

AFANAS'EV, V. G. [Basic principles of philosophy; a popular textbook] Osnovy filosofskikh znanii, popu-liarnyi uchebnik. 2., perer. i dop. izd. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1962. 399 p.

AKADEMIIA NAUK SSSR. Institut fiziologii imeni I. P. Pavlova. [Bibliography on conditioned reflexes] Bibliografiia po uslovnym refleksam. Sost. N. K. Kleshchova. Pod red. E. Sh. Airapet'iantsa, Moskva, Izd-vo Akad. nauk SSSR.
Vol. 2. 1936-1948. 1962. 281 p.

BAZHENOV, L. B. [Materialism as a banner of science] Materializm - znamia nauki. Moskva, Izd-vo "Znanie," 1961. 37 p. (Narodnyi universitet kul'tury: Obshchestvenno-politicheskii fakul'tet, no. 20)

BAZHENOV, L. B. [Materialism as a banner of science] Materializm - znamia nauki. Moskva, Izd-vo "Znanie," 1962. 31 p. (Novoe v zhizni, nauke, tekhnike. Seriia 2: Filosofiia, no. 4)
[MICROFILM]

BLAGODAROVA, G. V. [Working masses do not need religion] Religiia ne nuzhna trudiashchimsia. Frunze, Kirgizskoe gos. uchebno-pedagog. izd-vo, 1960. 69 p.

CHALIN, M. L. [Philosophy of despair and fear] Filo-sofiia otchaianiia i strakha. Moskva, Gos. izd-vo polit. lit-ry, 1962. 126 p.

DOVHALIUK, P. M. [Godless defenders of God; anti-religious subjects in Ukrainian literature] Bezbozhni okhorontsi Boha (antyreligiina tema v ukrains'kii literaturi); narysy. Kyiv, Vyd-vo Akad. nauk URSR, 1961, 268 p.

FEOFAN, Abp. of Novgorod. [Works] Sochinenia. Pod red. I. P. Erenina. Moskva, Izd-vo Akad. nauk SSSR, 1961. 501 p.

GRABBE, GEORGII. [Truth about the Russian Church in Russia and abroad (in connection with S. V. Troits-kii's book "Falsehood of the Karlovtsy Schism")] Prava o russkoi TSerkvi na Rodine i za rubezhom (po povodu knigi S. V. Troitskogo "O nepravde Kar-lovatskogo raskola). Jordanville, N. Y., Holy Trinity Monastery, 1961. 216 p.

GURVICH, S. S. [The laws and categories of dialectics and their manifestation in medicine] Zakony i kategorii dialektiki i ikh proiavlenie v meditsine. Kiev, Gos-medizdat, 1962. 244 p.

KHAMITOVA, R. M. [Struggle of materialism with idealism on the origin and nature of life] Bor'ba materializma s idealizmom po voprosu o proiskhozhde-nii zhivykh tel i sushchnosti zhizni. Stalinabad, Tadzhikskoe gos. izd-vo, 1959. 141 p.
(NNC)

KOVAL'SKII, N. A. [International Catholic organizations] Mezhdunarodnye katolicheskie organizatsii. Moskva, Izd-vo In-ta mezhdunarodnykh otnoshenii, 1962. 109 p.

MISHIN, G. I. [Medical successes and prejudices, what science and religion say about the psychic activity of man] Uspekhi meditsiny i predrassudki, chto govoriat nauka i religiia o psikhicheskoi deiatel'nosti chelo-veka. [Leningrad] Medgiz, 1961. 31 p. (Nauchno-populiarnaia meditsinskaia literatura)

NICHYK, V. M. [Dialectical materialism on the category of causation] Dialektychnyi materializm pro kategoriiu prychynnosti. Kyiv, Vyd-vo Akad. nauk URSR, 1960 122 p.
(NN)

[ORTHODOX WAY; yearbook of church, theology and philosophy] Pravoslavnyi put'; tserkovno-bogoslovsko-filosofskii ezhegodnik. Jordanville, N. Y., Holy Trinity Russian Orthodox Monastery, 1961. 176 p. (Prilozhenie k zhurnalu "Pravoslavnaia Rus' ")

PLATONOV, K. K. [Psychology of labor] Voprosy psikhologii truda. Moskva, Medgiz, 1962. 218 p.

SHARYPOV, N. A. [V. G Belinskii's atheism] Ateizm V. G Belinskogo. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 83 p.

SIDOROV, M. I. [V. I. Lenin and the history of Russian materialistic philosophy] V. I. Lenin i voprosy istorii russkoi materialisticheskoi filosofii. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1962. 404 p.

SILVESTR, Bp. of Lubny and Mirgorod. [Organization of the Orthodox Church in the Ukraine] TSerkovnyi Ustrii v Ukraini. Neu Ulm, 1946. 63 p.

SOKOLOV, V. V. [Studies on Renaissance philosophy] Ocherki filosofii epokhi Vozrozhdeniia. Moskva, Gos. izd-vo "Vysshaia shkola," 1962. 167 p.

SPIRIDONOV, S. S. [Philosophical and sociological views of I. IA. IAkovlev, a Chuvash progressive thinker] Filosofskie i sotsiologicheskie vozzrenila chuvash-skogo prosvetitelia I. IA. IAkovleva Moskva, Mosk. sel'khoz. akad. im. K. A. Timiriazeva, 1961. 60 p.

[TRUTH ABOUT RELIGION] Pravda o religii. Frunze, Kirgizskoe gos. izd-vo, 1960. 111 p

4. HISTORY

AGAKHI, A. M. [Dissemination of Marxist-Leninist ideas in Iran before the Second World War] Rasprostranenie idei marksizma-leninizma v Irane (do vtoroi mirovoi voiny). Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1961. 250 p.

AKADEMIIA NAUK MOLDAVSKOI SSR Institut istorii [Documents and source materials on Moldavian history] Istoriia Moldavii, dokumenty i materialy. Kishinov, Izd-vo "Shtiintsa" Akad. nauk MSSR.
Vol. 5. [Moldavian peasant uprisings in the period of imperialism] Krest'ianskoe dvizhenie v Moldavii epokhi imperializma; dokumenty i materialy. 1961. 596 p.

AKADEMIIA NAUK SSSR. [Mongolian archaeological collection; dedicated to the glorious 40 years of the Mongolian People's Republic] Mongol'skii arkheolo-gicheskii sbornik. Posviashchaetsia slavnomu XL-letiiu Mongol'skoi Narodnoi Respubliki. Moskva, 1962. 109 p.

AKADEMIIA NAUK SSSR. Institut istorii. [Critical evalu-ation of the bourgeois conception of Russian history in the period of feudalism] Kritika burzhuaznykh kontseptsii istorii Rossii perioda feodalizma. Mo-skva, Izd-vo Akad. nauk SSSR, 1962. 427 p.

AKADEMIIA NAUK SSSR. Institut istorii. [Soviet histori-cal studies in the period between the 20th and 22d congresses of the CPSU; history of the U. S. S. R.] Sovetskaia istoricheskaia nauka ot XX k XXII s"ezdu KPSS; istoriia SSSR. Sbornik statei. Moskva, Izd-vo Akad. nauk SSSR. 1962. 625 p.

AKADEMIIA NAUK SSSR. Institut narodov Azii [Collected works on the Near and Middle East] Blizhnii i Srednii Vostok, sbornik statei Moskva, Izd-vo vostochnoi lit-ry, 1962 185 p.

AKADEMIIA NAUK URSR, Kiev. Instytut suspil'nykh nauk [The documents of Bogdan Khmel'nitskii, 1648-1657] Dokumenty Bohdana Khmel'nits'koho, 1648-1657. Uporiadnyky I Kryp'iakevych ta I. Butych. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 738 p.

AMPILOV, V. A., and V. V. SMIRNOV. [In the small town of Lida] V malen'kom gorode Lide . [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1962. 101 p.

ANDREEV, P. P., and B. S. TEL'PUKHOVSKII [The Communist Party during the Great Patriotic War, June, 1941-1945] Kommunisticheskaia partiia v period Velikoi Otechestvennoi voiny, iiun' 1941 g. - 1945 g. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1961. 206 p. (Istoriia KPSS, kurs lektsii Tema 15)
(MH)

[ARCHAEOLOGY OF THE U. S. S. R.; index of archaeological sources] Arkheologiia SSSR; svod arkheologicheskikh istochnikov. Pod obshchel red. B. A. Rybakova. Moskva, Izd-vo Akad. nauk SSSR.
No G4-4. Kropotkin, V. V. [Treasures of the Roman coins on the territory of the U. S. S. R.] Klady rimskikh monet na territorii SSSR. 1961. 134 p. maps.
No. D1-29. Kukharenko, IU. V. [Monuments of the Iron Age on the territory of Polesye] Pamiatniki zheleznogo veka na territorii Poles'ia. 1961. 68 p. plates.
No E1-57. Kukharenko, IU. V. [Medieval monuments of Polesye] Srednevekovye pamiatniki Poles'ia, 1961 39 p. maps. plates

ARNASIUS, STASYS. [A mother's heart] Motinos sirdis Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 85 p. [In Lithuanian]

BEGEL'DINOV, TALGAT. ["The Il'iushins" attack, as told to IU. Il'iashchenko] "Ily" atakuiut, literaturnaia zapis' IU. Il'iashenko. Alma-Ata, Kazakhskoe gos. lit. izd-vo, 1961. 139 p.
[MICROFILM]

BELIKOVA, L. I. [Struggle of the Bolsheviks for the triumph of the Great October Socialist Revolution in the Maritime Territory] Bor'ba bol'shevikov za pobedu Velikoi Oktiabr'skoi sotsialisticheskoi revoliutsii v Primor'e. Vladivostok, Primorskoe knizhnoe izd-vo, 1960. 69 p. (Iz istorii Primorskoi organizatsii KPSS)
(CSt-H)

BROVKO, M. A., comp. [The Ishim Communists during the civil war, on the 40th anniversary of the liberation of Ishim from the Kolchak forces] Ishimskie kommunisty v gody grazhdanskoi voiny; k 40-letiiu osvobozhdeniia Ishima ot kolchakovtsev. *Pod red. IU. A. Vasil'eva.* [Tiumen'] Tiumenskoe knizhnoe izd-vo, 1960. 84 p.
(InU)

[THE COMMUNIST PARTY DURING THE ALLIED ARMED INTERVENTION AND CIVIL WAR, 1918-1920; documents and source materials] Partiia v period inostrannoi voennoi interventsii i grazhdanskoi voiny, 1918-1920 gody; dokumenty i materialy. Moskva, Gos. *izd-vo polit. lit-ry, 1962.* 679 p.

DONSKOI, G. M. [How to study the labor and socialist movement in modern history classes; the first period] Izuchenie voprosov rabochego i sotsialisticheskogo dvizheniia v kurse novoi istorii (pervyi period). Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 162 p. (Iz opyta uchitelia)

DOROSHENKO, DMYTRO. [History of the Ukraine; for school and home] Istorita Ukrainy; dlia shkoly i rodyny. [Vyd. 5.] New York [Vyd. korp. Bulava] 1957. 253 p.
(InU)

DOSYMBEKOV, S. N., and S. B. KUL'BAEV. [The 40th anniversary of the Soviet Kazakh state] Sorokaletie obrazovaniia Kazakhskoi Sovetskoi gosudarstvennosti. Alma-Ata, Ob-vo po raspr. polit. i nauchn. znanii Kazakhskoi SSR, 1960. 51 p.

DZHUGARIAN, T. G. [Historical monuments of Soviet Armenia. Istoricheskie pamiatniki Sovetskoi Armenii. Erevan, Armuchpedgiz] 1961. 183 p. [In Armenian]
(MH)

ELEUOV, T. E. [Establishment and consolidation of the Soviet regime in Kazakhstan, March 1917-June 1918] Ustanovlenie i uprochenie Sovetskoi vlasti v Kazakhstane, mart 1917-iiun' 1918 goda. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1961. 527 p.

ERYKALOV, E. F., and others. [In the flames of revolution; military work of the Bolshevik party in 1917] V ogne revoliutsii; voenno-boevaia rabota bol'shevistskoi partii v 1917 godu. Pod obshchel red. E. F. Erykalova. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 284 p.

FADEEV, A. V. [The 150th anniversary of the Patriotic War of 1812] Otechestvennaia voina 1812 goda, k 150-letiiu. Moskva, Izd-vo "Znanie," 1962. 31 p. (Novoe v zhizni, nauke, tekhnike. I Seriia: Istoriia, no 3)

[FALLEN HEROES TELL THEIR STORIES; predeath letters of Soviet servicemen who fought against German fascist aggressors, 1941-1945] Govoriat pogibshie geroi; predsmertnye pis'ma sovetskikh bortsov protiv nemetsko-fashistskikh zakhvatchikov, 1941-1945 gg. Moskva, Gos. izd-vo polit. lit-ry, 1962. 326 p.

GALKIN, A. A. [The Treaty of Versailles and Rhineland separatists] Versal' i reinskie separatisty. Moskva, Izd-vo Akad. nauk SSSR, 1962. 108 p. (Nauchno-populiarnaia serila)

GERMANY (Democratic Republic 1949-) Ausschuss fur Deutsche Einheit [Bonn is an enemy of the peoples of Asia and Africa; documents on the colonial policy of the Adenauer government. Translated from the German] Bonn - vrag narodov Azii i Afriki; dokumenty o kolonial'noi politike pravitel'stva Adenauera. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 137 p.
(CSt-H)

IAKOVLEV, N. N. [Recent history of the U. S. A., 1917-1960] Noveishaia istoriia SShA, 1917-1960. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 624 p.

IUSUROV, KHASAN. [Migration of Dungans to the territory of Kirghizistan and Kazakhstan] Pereselenie dungan na territoriiu Kirgizii i Kazakhstana. Frunze, Kirgizskoe gos. izd-vo, 1961. 80 p.

KADISHEV, A. B. [V. I. Chapaev, the legendary hero of the civil war] V. I. Chapaev - legendarnyi geroi grazhdanskoi voiny; stenogramma publichnoi lektsii, prochitanni 2 sentiabria 1948 goda v TSentral'nom lektorii Obshchestva v Moskve. Moskva, Izd-vo "Pravda," 1948. 23 p.

KAMENETS-PODOL'SKIY, DERZHAVNYI ISTORYCHNYI MUZEI-ZAPOVIDNYK. [Concise guide] Korotkyi putivnyk. Kam'ianets'-Podil's'kyi, 1960. 42 p.
(MH)

KAPUSTIANS'KYI, M. [Offensive of the Ukrainian Armed Forces aimed at Kiev and Odessa in 1919; brief study of military history] Pokhid Ukrains'kykh Armii na Kyiv-Odesu v 1919 rotsi; korotkyi voienno-istorychnyi ohliad. Vyd. 2. Munich.
Book 1. Pts. 1 and 2. 1946. 110 p.
Book 2. Pts. 3. 1946. 200 p.
——— ——— Skhemy

KARAMZIN, G. B. [Battle of Gruenewald; a popular sketch] Bitva pri Griunval'de; populiarnyi ocherk. Leningrad, Gos. uchebno-pedagog. izd-vo, 1961. 106 p.
(MiU)

["KOLOKOL," PUBLISHED BY A. I. HERTZEN AND N. P. OGAREV (THE FREE RUSSIAN PRESS) IN 1857-1867, LONDON-GENEVA] Kolokol; gazeta A. I. Gertsena i N. P. Ogareva (Vol'naia Russkaia Tipografiia), 1857-1867 London-Zheneva. Faksimil'noe izd. Moskva, Izd-vo Akad. nauk SSSR.
No. 1. 1857-1858 London. 1962. 256 p.
No. 2. 1859 London. 1962. 490 p.

KOMMUNISTICHESKAIA PARTIIA SOVETSKOGO SOIUZA. IAroslavskii oblastnoi komitet. Partiinyi arkhiv. [Citizens of Yaroslavl during the Great Patriotic War; collected documents] IAroslavtsy v gody Velikoi Otechestvennoi voiny; sbornik dokumentov. [IAroslavl'] IAroslavskoe knizhnoe izd-vo, *1960.* 444 p.
(OrU)

KOMMUNISTICHESKAIA PARTIIA SOVETSKOGO SOIUZA. Kaluzhskii oblastnoi komitet. Partiinyi arkhiv. [The Kaluga Bolsheviks; collected *reminiscences*] Kaluzhskie bol'shevichki; sbornik vospominanii. [Kaluga] Kaluzhskoe knizhnoe izd-vo, 1960. 217 p.
(WU) (MH)

KOMMUNISTICHESKAIA PARTIIA UKRAINY. Krymskii oblastnoi komitet. Partiinyi arkhiv. [The struggle for Soviet power in Crimea; documents and materials] Bor'ba za Sovetskuiu vlast' v Krymu; *dokumenty i* materialy. Simferopol', Krymizdat.
Vol. 2. [Struggle of Crimean workers against foreign military intervention *and counter-*revolution during the civil war] Bor'ba trudiashchikhsia Kryma protiv inostrannoi voennoi interventsii i kontrrevoliutsii v gody grazhdanskoi voiny. 1961. 362 p.

KORNEENKOV, S. N., comp. [Chelyabinsk [illegible] during the period of military [illegible], 1919 - December 1920; documents and [illegible] Cheliabinskaia gubernii v period voennogo [illegible] manizma, iiul' 1918-dekabr' 1920 gg., [illegible] materialy. [Cheliabinsk] Cheliabinskoe [illegible] izd-vo, 1960. 795 p.
(CSt-H)

KULIKOV, IU., comp. [Chernyshevskii's fellow [illegible] Spodvizhniki Chernyshevskogo. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1961. [illegible] (Zhizn' zamechatel'nykh liudei. Seriia [illegible] no. 10(332))

LIASHENKO, V. E. [Punitive city] Karatel'nyi [illegible] [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1961. 70 p.

LUKIN, N. M. [Selected works in three volumes] Izbrannye trudy v trekh tomakh. Moskva, Izd-vo Akad. nauk SSSR.
Vol. 2. 1962. 517 p.

MAKHARADZE, N. D. [Filipp Makharadze, [illegible] revolutionary activities] Filipp Makharadze, [illegible] revoliutsionnaia deiatel'nost'. Tbilisi, [illegible] Sakartvelo, 1960. 150 p.
(MH)

MALAN'IN, K. A. [Defeat of the enemy in [illegible] in 1944] Razgrom vraga v Belorussii, [illegible] Moskva, Voen. izd-vo M-va obor. [illegible]

MANAKOV, N. A. [Within the ring of a [illegible] nomics and daily life of besieged [illegible] blokady; khoziaistvo i byt osazhdennogo [illegible] [Leningrad] Lenizdat, 1961. 216 p.

MARKIN, I. I. [At the Kursk salient] Na Kurskoi [illegible] Moskva, Voen. izd-vo M-va obor. [illegible]

MEDVEDEV, K. N., comp. [You fought [illegible] our motherland] Geroiski bilis' vy za [illegible] sbornik. [Kaliningrad] Kaliningradskoe [illegible] izd-vo, 1961. 141 p.
(MH)

MIKAVA, N., comp. [Sons of Georgia, [illegible] Gruzii syny; sbornik. Moskva, Molodaia [illegible] 1961. 613 p. (Zhizn' zamechatel'nykh l[illegible] biografii, no. 2(310))
(MH)

MINASIAN, M. I. [In our district] V [illegible] Ufa, Bashkirskoe knizhnoe izd-vo, 19[illegible] 31 p
(MH)

MINTS, I. I., and D. S. KARPOV. [History [illegible] with information on the Constitution [illegible] and the modern and recent history of [illegible] Istorila SSSR so svedeniiami po Konstitutsii [illegible] novoi i noveishei istorii zarubezhnykh [illegible] Gos. uchebno-pedagog. izd-vo "Iindiana'ka [illegible]
Pt. 2. [Textbook for the eighth grade] [illegible] posobie dlia 8 klassa. 1962. [illegible]

MISHCHENKO, I. P., and M. M. MATVIICHUK. [[illegible] by the party; the Communist Youth [illegible] of Zhitomir Province during the Great Patriotic War, 1941-1945] Vykhovani partiieiu; komsomol [illegible] Zhytomyrshchyny u Velykii Vitchyznianii [illegible] 1945 rr. Kyiv, Vyd-vo Kyivs'koho univ., [illegible]
(MH)

MOSCOW. GOSUDARSTVENNYI ISTORICHESKII M[illegible] [*Yearbook of the State Historical Museum*, [illegible] Ezhegodnik Gosudarstvennogo istoricheskogo [illegible] 1960 god. Moskva, [Izd-vo "Sovetskaia Ro[illegible] 1962. 203 p.

MOSCOW. TSENTRAL'NYI MUZEI V. I. LENINA [Lenin; an album] Lenin; al'bom. Sost. A. [illegible] Ant[illegible] i dr. Moskva, Gospolitizdat, 1961 [illegible] v. (chiefly [illegible]
(MH)

MOSHNIAHA, IE. I. [Bolsheviks of Kharkov in the October Revolution; February 1917-February [illegible] Bil'shovyky Kharkova v Zhovtnevii revoliutsii, liutyi 1917 r. - liutyi 1918 r. Kharkiv, Khark[illegible] knyzhkove vyd-vo, 1960. 200 p.

NEDOREZOV, A. I. [National liberation movement in Czechoslovakia, 1938-1945] Natsional'no-osvoboditel'noe dvizhenie v Chekhoslovakii, 1938-1945 [illegible] Izd-vo sotsial'no-ekon. lit-ry, 1961. 349 p.

PANFILOV, A., and K. ROZHDESTVENSKAIA, [illegible] Sverdlovsk. [Sverdlovsk] Sverdlovskoe obl. [illegible] *Izd-vo 1946.* 455 p.

PARKHOMCHUK, S. M. [Birth of the new Rumania [illegible] fascist movement and the victory of people's [illegible] racy in Rumania, 1941-1945] Narodzhennia [illegible] Rumunii; antifashists'kyi rukh i peremoha [illegible] demokratii v Rumunii, 1941-1945 rr. Kyiv, [illegible] Akad. nauk URSR, 1961. 260 p.

[PEOPLE'S CALENDAR] Narodnyi kalendar'. [Kyiv] Derzh. vyd-vo polit. lit-ry URSR, 1962. 241 p.

POTAPOV, M. I. [Broad path of my life] Na shliakhu shyrokim. Kyiv, Derzh. vyd-vo khudozh. lit-ry, 1961. 209 p.

PRIMORSKIY KRAY. Upravlenie vnutrennikh del. Arkhivnyi otdel. [Vladivostok; collected historical documents, 1860-1907] Vladivostok, sbornik istoricheskikh dokumentov, 1860-1907 gg. Vladivostok, Primorskoe knizhnoe izd-vo, 1960. 219 p.
(MH)

RIMKUS, PETRAS. [It happened in Leipalingis; a documentary story] Tai buvo Leipalingyje, dokumentine apysaka. Vilnius, Valstybine politines ir moksalines literaturos leidykla, 1961. 69 p. [In Lithuanian]

RUDNEV, D. M. Ivan Vasil'evich Rabchinskii. Tallinn, Estonskoe gos. izd-vo, 1960. 109 p
(CSt-H)

RUSSIA. Ministerstvo inostrannykh del. [Documentary materials of the Russian Ministry of Foreign Affairs concerning Russian foreign policy in the 19th and the early 20th century. Series 1 (1801-1815)] Vneshniaia politika Rossii XIX i nachala XX veka; dokumenty rossiiskogo Ministerstva inostrannykh del. Seriia pervaia 1801-1815 gg. Moskva, Gos. izd-vo polit. lit-ry.
Vol. 2. [April 1804-December 1805] Aprel' 1804 g. - dekabr' 1805 g. 1961. 742 p.

SAMSONOV, G., and I. SOLOMIANSKAIA. Ivan Bolotnikov. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1946. 61 p. (Shkol'naia istoricheskaia biblioteka)

SANDBURG, CARL. [Lincoln Translated from the English] Linkol'n. Moskva, Izd-vo TsK VLKSM "Molodaia gvardiia," 1961. 702 p. (Zhizn' zamechatel'nykh liudei Seriia biografii, no. 17(331))

SEMENOV, M. A. [The king must die] Korol' dolzhen umeret'. [Sao-Paulo, Brazillia? 1961] 36 p.
(MH)

SEYDEWITZ, MAX. [Germany between the Oder and the Rhine; on the current history of Germany. Translated from the German] Germaniia mezhdu Oderom i Reinom; k novoishei istorii Germanii. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1960. 708 p.
(NNC)

SHATENSHTEIN, L. S. [The Multan affair, 1802-1806] Multanskoe delo, 1802-1806 gg. Izhevsk, Udmurtskoe knizhnoe izd-vo, 1960. 70 p.
(MH)

SHNORE, E. D. [The ancient site of Asotskoye] Asotskoe gorodishche. Riga, Izd-vo Akad. nauk Latviiskoi SSR, 1961. 232 p. (Materialy i issledovaniia po arkheologii Latviiskoi SSR, vol. 2)

SILIVANCHIK, P. P. [Work of the Communist Party of White Russia in carrying out a cultural revolution in the Republic, 1919-1937] Deiatel'nost' Kommunisticheskoi partii Belorussii po osushchestvleniiu kul'turnoi revoliutsii v respublike, 1919-1937 gg. Nauch. red. K. P. Buslov. Minsk, Izd-vo Belgosuniv., 1961. 233 p.
(MH)

SOKOLOVA, V. P. [From the chronicle of the Kuznetsk Basin; memorable dates] Iz letopisi Kuzbassa; pamiatnye daty. [Kemerovo] Kemerovskoe knizhnoe izd-vo, 1960. 119 p.
(MH)

STREL'BITSKII, I. S. [The storm] Shturm. Moskva, Voen. izd-vo M-va oborony SSSR, 1962. 209 p. (Voennye memuary)

TAL'BERG, N. D. [Emperor Nicholas I in the light of historical truth; the year 1831] Imperator Nikolai I v svete istoricheskoi pravdy. (1831 g.) Jordanville, New York, Holy Trinity Russian Orthodox Monastery, 1956. 84 p.
(TNJ)

TERENOZHKIN, A. I. [The pre-Scythian period on the right bank of the Dnepor River] Predskifskii period na dneprovskom Pravoberezh'e. Kiev, Izd-vo Akad. nauk USSR, 1961. 245 p.

[THESE EVENTS WEREN'T MENTIONED IN OFFICIAL COMMUNICATIONS; reminiscences of participants in underground movements] O chem ne govorilos' v svodkakh; vospominaniia uchastnikov dvizhenila soprotivleniia. Moskva, Gos. izd-vo polit. lit-ry, 1962. 464 p.

TKALICH, D. I. [Through the museums of Chelyabinsk Province] Po muzeiam Cheliabinskoi oblasti. [Cheliabinsk] Cheliabinskoe knizhnoe izd-vo, 1961. 95 p.

UKRAINE. TSentral'nyi gosudarstvennyi istoricheskii arkhiv. [The Kremenets Provincial Court of Justice, description of the books of decrees of the 16th and 17th century] Kremenets'kyi zems'kyi sud, opysy aktovykh knyh XVI-XVII st. Red. I. L. Butych. Skhaly L. A. Popova, Z. S. Khomutets'ka, V. D. Chuntulova. Kyiv.
Vol. 1. [Books I-II (1568-1598)] Knyhy I-II (1568-1598 rr.) 1959.
(MH)

VOROB'EVA, O. B., and I. M. SINEL'NIKOVA [The daughters of K. Marx] Docheri marksa. [Izd. 2., ispr. i dop.] Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1962. 150 p.

ZAHACHEVS'KYI, IEVHEN. [Lvov brothers; tale of the past] L'vivs'ka bratlia, povist' perezhytoho. Toronto, Vyd. Bratstva kol. Voiakiv I-oi Ukrains'koi Divizii UNA, 1962. 200 p.
(CtY)

ZAK, L. M. [Noble traditions of solidarity; how the French people struggled against intervention in Soviet Russia, 1918-1920] Slavnye traditsii solidarnosti; bor'ba frantsuzskogo naroda protiv interventsii v Sovetskuiu Rossiiu v 1918-1920 gg. Moskva, Gos. izd-vo polit. lit-ry, 1962. 126 p.

ZAREV, PANTELEI, ed. [Selected works of Bulgarian revolutionary democrats. Translated from the Bulgarian] Izbrannye proizvedeniia bolgarskikh revoliutsionnykh demokratov. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1950. 665 p.
(RPB)

ZEL'DOVICH, M. G., and M. V. CHERNIAKOV. N. A. Dobroliubov; seminarii. [Khar'kov Izd-vo Khar'kovskogo gos. univ. im. A. M. Gor'kogo, 1961] 463 p.

ZHURBA, P. [Hero of the Soviet Union Aleksandr Matrosov] Geroi Sovetskogo Soiuza Aleksandr Matrosov. Moskva, Voen. izd-vo M-va vooruzhennykh sil SSSR, 1949. 47 p. (Geroi Velikoi Otechestvennoi voiny)

5. SOCIAL SCIENCES

AKADEMIIA NAUK SSSR. Dal'nevostochnyi filial. Vladivostok. [Materials on the natural resources of Kamchatka and the Kurile Islands] Materialy po prirodnym resursam Kamchatki i Kuril'skikh ostrovov. Pod red. A. V. Strotsenko i D. P. Vorob'eva. [Magadan] Magadanskoe knizhnoe izd-vo, 1960. 165 p.
[MICROFILM]

AKADEMIIA NAUK SSSR. Institut ekonomiki. [Accelerating the turnover of working capital] Uskorenie oborachivaemosti oborotnykh sredstv. Moskva, Gosplanizdat, 1949. 122 p.

AKADEMIIA NAUK SSSR. Institut ekonomiki. [Potentials for reducing production costs] Rezervy snizhenila sebestoimosti produktsii. Moskva, Izd-vo ekon. lit-ry, 1962. 333 p.

AKADEMIIA NAUK SSSR. Institut narodov Azii. [Problems of state finance, credit and currency circulation in Asian countries (India, Afghanistan, Ceylon, Turkey, Japan)] Voprosy gosudarstvennykh finansov, kredita i denezhnogo obrashcheniia stran Azii; sbornik statei (Indiia, Afganistan, TSeilon, Turtsiia, IAponiia). Moskva, Izd-vo vostochnoi lit-ry, 1962. 107 p.

AKADEMIIA NAUK URSR, Kiev. Instytut ekonomiky. [History of economic thought in the Ukraine] Z istorii ekonomichnoi dumky na Ukraini. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 346 p.

AKIMETZHANOV, ALLABERGEN. [Roundups in far-off places] Na dal'nikh otgonakh. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1961. 31 p.

ALEKSANDROV, I. I., comp. [Soviet miners guard the peace] Sovetskie shakhtery na vakhte mira. Moskva, Ugletekhizdat, 1950. 78 p.

ALEKSANDROV, L. A. [Establishment of technical norms in automotive transportation] Tekhnicheskoe normirovanie truda na avtomobil'nom transporte. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transporta i shosseinykh dorog RSFSR, 1962. 54 p. (Bibliotechka po ekonomike)

ALEKSANDROVSKII, A., and A. RUSSKII. [Bourgeois economics at the present-day stage] Burzhuaznaia politicheskaia ekonomiia na sovremennom etape. Moskva, Izd-vo "Znanie," 1962. 47 p. (Novoe v zhizni, nauke, tekhnike. III Seriia: Ekonomika, no. 2)

ALEKSEEV, V. V. [Clans, tribes, peoples, and nations; historical forms of human societies] Rod, plemia, narodnost', natsiia; istoricheskie formy obshchnosti liudei. Moskva, Gos. izd-vo polit. lit-ry, 1962. 60 p.

ALIZADE, M. A. [Azerbaijani youth, active builders of communism] Molodezh' Azerbaidzhana, aktivnyi stroitel' kommunizma. Baku, Detlunizdat, 1960. 49 p.
(MH)

ALLEG, HENRI. [Behind the bars of Barbe rousse Translated from the French] Za reshetkami Barbe-russy. Moskva, Izd-vo "Pravda," 1962. 47 p. (Biblioteka "Ogonek," no. 8)

ALMA-ATA GOSUDARSTVENNAIA RESPUBLIKANSKAIA PUBLICHNAIA BIBLIOTEKA. [The 40th anniversary of the Kazakh Soviet Socialist Republic; methodological materials for lectures and talks] K sorokoletiiu Kazakhskoi Sovetskoi Sotsialisticheskoi Respubliki; metodicheskie materialy. Sbornik II. Alma-Ata, 1960. 29 p.
[MICROFILM]

ANDREEV-GOLUBEV, N. I., and G. E. BRUKHIS. [Commercial operation of the merchant marine] Kommercheskaia ekspluatatsiia morskogo transporta. Moskva, Izd-vo "Morskoi transport," 1961. 229 p.

ANISIMOV, N. G. [Centennial of the Kazan Flax Combine] Kazanskii l'nokombinat, 100 let. Kazan', Tatarskoe knizhnoe izd-vo, 1960. 261 p.
(MH)

ASHMARINA, N. V. [Supplementary leave for workers and office employees] Dopolnitel'nye otpuska rabochim i sluzhashchim. Moskva, Gosiurizdat, 1961. 45 p. (Iuridicheskie konsul'tatsii dlia naselenila v voprosakh i otvetakh, no. 23)

BACKSTROM, KNUT. [History of the labor movement in Sweden. Translated from the Swedish] Istoriia rabochego dvizhenila v Shvetsii. Red. i vstup. stat'ia V. V. Pokhlebkina. Moskva, Izd-vo inostr. lit-ry, 1961. 331 p.
(CSt-H)

BAEV, A. I. [Work practice of mixed brigades] Opyt raboty kompleksnykh brigad. Moskva, Izd-vo "Znanie," 1961. 39 p. (Narodnyi universitet kul'tury. Sel'skokhoziaistvennyi fakul'tet, no. 19)

BAKUMENKO, A. K. [Progressive decay of American capitalism] Progressiruiushchee zagnivanie amerikanskogo kapitalizma. Moskva, Izd-vo "Znanie," 1962. 46 p. (Novoe v zhizni, nauke, tekhnike. III Seriia: Ekonomika, no. 3)

BALAGUROV, IA. A. [Training skilled workers in Olonets and Petrozavodsk factories during the first half of the 18th century] Formirovanie rabochikh kadrov Olonetskikh Petrovskikh zavodov; pervaia polovina XVIII veka. Petrozavodsk, Gos. izd-vo Karelo-Finskoi SSR, 1955. 117 p.
(NNC)

BELIAEV, N. A. [Public inspection of corrective labor colonies and reformatories] Obshchestvennyi kontrol' za deiatel'nost'iu ispravitel'no-trudovykh uchrezhdenii i vospitatel'nykh kolonii. Moskva, Gosiurizdat, 1962. 71 p.

[BENEFITS FOR TEACHERS] L'goty uchiteliam. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 40 p. (L'goty po sovetskomu zakonodatel'stvu)

BEZUGLOV, A. A. [Unexpected evidence Confession] Neozhidannoe dokazatel'stvo. Priznanie. Moskva, Gos. izd-vo iurid. lit-ry, 1962. 46 p.

BIRMAN, A. M. [Why the worker should know the economics of his enterprise] Pochemu rabochemu nuzhno znat' ekonomiku svoego predpriiatiia. Moskva, Gos. izd-vo polit. lit-ry, 1961. 52 p.

BOIKO, P. I., and O. F. Golubovich. [Business accounting in the construction industry; from the practice of the "Voroshilovskstroi" Trust] Khoziaistvennyi raschet v stroitel'stve; iz opyta tresta Voroshilovskstroi. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 49 p.
(CU)

BULOCHNIKOVA, L. A. [Development of the collective farm system on the path to communism] Razvitie kolkhoznogo stroia na puti k kommunizmu. Moskva, Gos. izd-vo "Vysshaia shkola," 1962. 85 p.

BURAMBAEV, G. KH. [The 40th anniversary of Soviet Kazakhstan] Sovetlik Kazakstanga 40 zhyl. Almaty, 1960. 73 p. [In Kazakh]

BURKOV, B. S. [America has remained "one-storied"; notes of a journalist] Amerika ostalas' odnoetazhnoi; zapiski zhurnalista. Moskva, Izd-vo "Pravda," 1962. 47 p. (Biblioteka "Ogonek," no. 10)

BUSHUEV, V. M., and G. V. UVAROV. [Soviet chemical industry during the current seven-year plan] Sovetskaia khimicheskaia promyshlennost' v tekushchem semiletii. Moskva, Izd-vo ekon. lit-ry, 1962. 107 p.

BYSTROV, S. K., and A. M. MOSHKIN. [Alapayevsk] Alapaevsk [Sverdlovsk] Sverdlovskoe knizhnoe izd-vo, 1961. 125 p.
[MICROFILM]

CHERKASSKII, IA. S. [Simplifying and reducing reports of industrial enterprises further] O dal'neishem uproshchenii i sokrashchenii otchetnosti promyshlennykh predpriiatii; stenogramma doklada. Leningrad, 1961. 23 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Seriia: Ekonomika i organizatsiia proizvodstva, no. 8)

DANILOV, A. M. [Principal factor in increasing the productivity of labor in Kazakh industry] Glavnyi faktor povysheniia proizvoditel'nosti truda v promyshlennosti Kazakhstana. Alma-Ata, Kazgosizdat, 1960. 145 p.
(MH)

DICHAROV, Z. L. [To the land of taiga pathfinders] V stranu tazhnykh sledopytov. Moskva, Gos. izd-vo geogr. lit-ry, 1962. 102 p.

DZIDZIGURI, LEVAN. [Peasant reforms in Abkhazia] Krest'ianskaia reforma v Abkhazii. [Sukhumi, 1960] 175 p. [In Georgian]
(MH)

[THE ECONOMIC GEOGRAPHY OF THE RUMANIAN PEOPLE'S REPUBLIC. Translated from the Rumanian] Ekonomicheskaia geografiia Rumynskoi Narodnoi Respubliki. Kniga napisana kollektivom avtorov pod rukovodstvom Mikhaila Khasheganu. Moskva, Izd-vo inostr. lit-ry, 1961. 551 p.

[ECONOMY OF THE PEOPLE'S DEMOCRACIES IN FIGURES FOR 1960] Ekonomika stran sotsialisticheskogo lageria v tsifrakh 1960 g. Pod red. G. B. Gertsovicha, I. P. Oleinika, V. I. Storozheva. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 238 p.

[ECONOMY OF THE TAJIK S. S. R. IN 1960; statistical collection] Narodnoe khoziaistvo Tadzhikskoi SSR v 1960 godu, statisticheskii sbornik. Dushanbe, Gos. stat. izd-vo, 1961. 329 p.

ELAGIN, V. D. [Plus electrification...] Plius elektrifikatsiia... Moskva, Izd-vo "Znanie," 1962. 47 p. (Narodnyi universitet kul'tury. Sel'skokhoziaistvennyi fakul'tet, no. 1)

EL'MEEV, V. IA., and M. IA. KORNEEV. [Increased role of science in the building of communism] Vozrastanie roli nauki v stroitel'stve kommunizma. [Leningrad] Izd-vo Leningr. univ., 1962. 82 p.

[FINANCING IN RAILWAY TRANSPORTATION; manual] Finansirovanie na zheleznodorozhnom transporte, spravochnik. Pod obshchei red. I. V. Ivlieva. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1962. 422 p.

[THE "FRIEND OF THE SEVEN-YEAR PLAN" PIONEER GROUP] Zahin-suputnyk semyrichky. Kyiv, Vyd-vo TsK LKSMU "Molod'," 1961. 52 p.

[FROM A TWO-YEAR PLAN TO THE FIVE-YEAR ONE] Ot dvukhletki k piatiletke. [Prague, Izd. M-va informatsii i prosv., 1949] 1 v. (chiefly illus.)

GARTSMAN, B. M. [Labor productivity in the structural ceramics industry] Proizvoditel'nost' truda v promyshlennosti stroitel'noi keramiki. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 134 p.

GEORGIEV, A. V. [Progressive experience is beneficial to the whole nation] Peredovoi opyt - nashe bogatstvo. Moskva, Izd-vo "Sovetskaia Rossiia," 1962. 106 p. (Reshenia XXII s"ezda KPSS - v zhizn'!)

GLEZERMAN, G. E. [Communism and labor] Kommunizm i trud. Moskva, Gospolitizdat, 1961. 61 p. (Bibliotechka znanii o kommunizme)
(MH)

GOL'MAN, L. I. [The origin of Marxism. How Marx and Engels struggled for the establishment of the party of proletarian revolutionaries] Vozniknovenie marksizma. Bor'ba Marksa i Engel'sa za sozdanie revoliutsionnoi proletarskoi partii. Moskva, Gos. izd-vo polit. lit-ry, 1962. 70 p. (V pomoshch' izuchaiushchim mezhdunarodnoe kommunisticheskoe i rabochee dvizhenie. Tema 2)

GRACHEV, F. V., and A. N. MALAFEEV. [What is the fund of socialist accumulation] Chto takoe fond sotsialisticheskogo nakopleniia. Leningrad, Ob-vo po raspr. polit. i nauchn. znanii RSFSR, 1961. 61 p.

GREKUL, F. A. [Agrarian relations in Moldavia in the 16th and the first half of the 17th century] Agrarnye otnosheniia v Moldavii v XVI - pervoi polovine XVII vv. Pod red. L. V. Cherepnina. Kishinev, Gos. izd-vo "Kartia moldovenieske," 1961. 455 p.

GUNIIA, A. L. [Replacement of the labor force in the industry of the Georgian S. S. R.] Vosproizvodstvo rabochei sily v promyshlennosti Gruzinskoi SSR. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1961. 522 p.

IGITKHANIAN, M. KH. [Power of public opinion] Sila obshchestvennogo mneniia. Moskva, Izd-vo "Znanie," 1962. 31 p. (Novoe v zhizni, nauke, tekhnike. Seriia 2: Filosofiia, no. 2)

IN'KOV, IU. I. [Radioelectronics in the service of the military monopolies of the U. S. A.] Radioelektronika na sluzhbe voennykh monopolii SShA. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1962. 124 p.

IONAS, B. IA. [Economic effectiveness of industrial methods of construction] Ekonomicheskaia effektivnost' industrial'nykh metodov stroitel'stva. Moskva, Izd-vo ekon. lit-ry, 1962. 51 p. (Ekonomicheskoe samoobrazovanie)

IVANOV, K. M. [Seven-year plan in five years] Sem' - v piat'. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1960. 53 p. (Komsomol'skomu aktivistu)

JAMES, EMILE. [History of 20th-century economic thought. Translated from the French] Istoriia ekonomicheskoi mysli XX veka. Pod obshchei red. i s predisl. I. G. Blumina. Moskva, Izd-vo inostr. lit-ry, 1959. 571 p.
(T'xHR)

KAPLIN, A. A. [Soviet furs] Sovetskaia pushnina. Moskva, Vneshtorgizdat, 1962. 509 p.

KARPOVICS, E. [Patriotism, internationalism, and cosmopolitanism] Par patriotismu, internacionalismu un kosmopolitismu. Riga, Latvijas Valsts izdevniecība, 1950. 47 p. [In Latvian]

KAS'IANENKO, V. I. [Great deed of the party and the people, how the Soviet people achieved the technical and economic independence of the U. S. S. R.] Velikii podvig partii i naroda; zavoevanie sovetskim narodom tekhniko-ekonomicheskoi samostoiatel'nosti SSSR. Moskva, Izd-vo "Znanie," 1962. 46 p. (Novoe v zhizni, nauke, tekhnike. Seriia 1: Istoriia, no. 2)

KHAVIN, A. F. [Concise study of industrialization in the U. S. S. R.] Kratkii ocherk istorii industrializatsii SSSR. Moskva, Gos. izd-vo polit. lit-ry, 1962. 436 p.

KOLDOMASOV, IU. I. [Fundamentals of the planning of railroad freight transportation] Osnovy planirovaniia perevozok na zheleznodorozhnom transporte. Moskva, Transzheldorizdat, 1949. 298 p.

KOMMUNISTICHESKAIA PARTIIA KIRGIZII. TSentral'nyi Komitet. [Results of the January Plenum of the Central Committee of the CPSU and measures for future development of agriculture in the republic; decisions of the Fifth Plenum of the Central Committee of the Communist Party of Kirghizistan, February 7, 1961] Ob itogakh ianvarskogo Plenuma TsK KPSS i merakh po dal'neishemu razvitiiu sel'skogo khoziaistva respubliki; postanovlenie V plenuma TSentral'nogo Komiteta KP Kirgizii ot 7 fevralia 1961 goda. [Frunze] Kirgizskoe gos. izd-vo, 1961. 23 p.

KORF, M. I., M. G. FAIBUSOVICH, and D. P. FROLOV. [Tables for computing wages of motor-vehicle drivers] Raschetnye tablitsy dlia nachisleniia zarabotnoi platy shoferam. Moskva, Avtotransizdat, 1961. 265 p.

LATVIJAS PADOMJU SOCIALISTISKAS REPUBLIKAS ZINATNU AKADEMIJA. Ekonomikas instituts. [The Latvian S. S. R.; studies on economic geography] Latvijskaia SSR; ocherki ekonomicheskoi geografii. Pod red. IA. F. Bumbera i P. M. Alampieva. Riga, Izd-vo Akad. nauk Latvijskoi SSR, 1956. 394 p.

LATVIAN S. S. R. Statistikas parvalde. [National economy of the Latvian S. S. R.; statistical collection] Latvijas PSR tautas saimnieciba, statistisko datu krajums. Narodnoe khoziaistvo Latvijskoi SSR, statisticheskii sbornik. Riga, Valsts statistikas izdevniecība, 1957. 229 p.

KUL'BAEV, M. A. [Lenin's cooperative plan and its fulfillment] Leninskii kooperativnyi plan i ego osushchestvlenie. Nal'chik, Kabardino-Balkarskoe knizhnoe izd-vo, 1960. 36 p.
(MH)

KRUTOV, N. N. [Socialist collectivism; one for all and all for one] Sotsialisticheskii kollektivizm; kazhdyi za vsekh, vse za odnogo. Moskva, Izd-vo "Znanie," 1962. 31 p. (Novoe v zhizni, nauke, tekhnike. II Seriia: Filosofiia, no. 3)

KRUKELIS, LIONGINAS. [Two forms of socialist property and the way of eliminating the difference between them] Dvi socialistines nuosavybes formos ir ju suartejimo keliai; XXII TSKP suvaziavimui. Vilnius, Politines ir mokslines literaturos leidykla, 1961. 44 p. [In Lithuanian]

LEVIN, G. I. [Determining specific capital [illegible] in industrial construction] Opredelenie udel'nykh kapital'nykh vlozhenii v promyshlennom stroitel'stve. Nauchnoe soobshchenie. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, [illegible]

LEVSHIN, L. V. [Criticism of the theory of [illegible] in British bourgeois economics] Kritika teorii [illegible] angliiskikh burzhuaznykh ekonomistov. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 211 p.

LIBMAN, G. I. [Constant growth of socialist [illegible]] Nepreryvnyi rost sotsialisticheskogo [illegible]. Moskva, Gos. izd-vo "Vysshaia shkola," [illegible]

MALIUGIN, V. I. [The economics of using [illegible] forced concrete in construction] Ekonomika [illegible] nila sbornogo zhelezobetona v stroitel'stve [illegible] dop. i ispr. Moskva, Gos. izd-vo lit-ry po [illegible] arkhit. i stroit. materialam, 1962. 214 p.

MARKARIAN, SH. S. [Specialization and cooperation in the machinery industry of the Armenian [illegible]] Spetsializatsiia i kooperirovanie mashinostroi[illegible] Armianskoi SSR. Erevan, Izd-vo Akad. nauk Armianskoi SSR, 1961. 181 p. [In Armenian]

MARX, KARL, and FRIEDRICH ENGELS. [Collected works] Sochineniia. Izd. 2. Moskva, Gos. izd-vo polit. lit-ry.
Vol. 30. 1961. xxii, 627 p.
Vol. 24. 1961. vi, 648 p.
Vol. 25. Pt. 1. vi, 545 p.

MASALKIN, N. K., and B. I. SUSLOV. [Indivisible fund of collective farms] Nedelimye fondy kolkhozov. Perm', Permskoe knizhnoe izd-vo, 1960. [illegible] (Slushateliam kolkhoznykh ekonomicheskikh [illegible])

MASLOV, P. P. [Technique of work with [illegible] practical instructions] Tekhnika raboty s [illegible] prakticheskie ukazaniia. Moskva, Gosstatizdat, 1962. 71 p.

MILIAVSKII, I. O. [Business accounting in [illegible] farms] Khozraschet v brigadakh i [illegible] farmakh. Moskva, Izd-vo "Znanie," 1962. 46 p. (Novoe v zhizni, nauke, tekhnike. Seriia 5: Sel'skoe [illegible] no. 3)

MITROFANOV, V. M. [Textbook on auditing, the managerial operations of an enterprise, [illegible] of a controller and auditor] Posobie po provedeniiu khoziaistvennoi deiatel'nosti predpriiatii, [illegible] kontroleru-revizoru. Moskva, Gosfinizdat, [illegible] 39 p. (V pomoshch' finansovomu rabotnikovi)

[MONETARY WAGES ON COLLECTIVE FARMS] Denezhnaia oplata truda v kolkhozakh. [By] N. I. [illegible] Moskva, Sel'khozgiz, 1961. 230 p.
(MH)

MOROZOV, P. T. [How workers struggle to [illegible] labor productivity] Kak rabochie borut[illegible] nie proizvoditel'nosti truda. Moskva, Gosstatizdat, polit. lit-ry, 1962. 63 p. (Ekonomicheskie [illegible] rabochim)

MOSCOW. NAUCHNO-ISSLEDOVATEL'SKII [illegible] CHESKII INSTITUT. [Economic efficiency of [illegible] tion mechanization and automation] Ekonomicheskaia effektivnost' mekhanizatsii i avtomatizatsii [illegible] stva. Pod red. A. D. Emel'ianova i A. S. [illegible] Moskva, Izd-vo ekon. lit-ry, 1962. 347 p.

MOSCOW. NAUCHNO-ISSLEDOVATEL'SKII [illegible] TRUDA. [Organization of work and establishing [illegible] norms in industrial enterprises] Organizatsiia i normirovanie truda na promyshlennykh [illegible] Pod obshchei red. P. F. Petrochenko. Moskva, Gosstatizdat, ekon. lit-ry, 1962. 285 p.

MOSCOW. UNIVERSITET. IUridicheskii fakul'tet. [Special methods of the investigation of different criminal offenses] Metodika rassledovaniia [illegible] vidov prestuplenii. [Moskva] Izd-vo Moskovskogo [illegible] 1962. 254 p.

NAUCHNO-TEKHNICHESKAIA KONFERENTSIIA [illegible] POVYSHENIIU PROIZVODITEL'NOSTI I UL[illegible] NIIU ORGANIZATSII TRUDA I ZARABOTNOI [illegible] NA PREDPRIIATIIAKH I STROIKAKH RAIONOV [illegible] SOVNARKHOZA, Ist. [The First Academic [illegible] Technical Conference on Improving Productivity [illegible] Wages in Enterprises and Construction Projects [illegible] the Irkutsk Economic Council; materials of the plenary meeting] Materialy (plenarnoe zasedanie). Irkutsk, TSentr. biuro tekhn. informatsii, [illegible] 102 p.
[MICROFILM]

NIKOL'SKAIA, L. A. [Khakassia; economic and geographical study] Khakasiia; ekonomiko-geograficheskii ocherk. Abakan, Khakasskoe knizhnoe izd-vo, 1960. 166 p.

NOSKOV, A. A. [Forty years of Kazakhstan communications] Sviaz' Kazakhstanu za 40 let. Alma-Ata, Ob-vo po rasprostraneniiu polit. i nauch. znanii Kazakhskoi SSR, 1960. 40 p.

ORLOV, V. I. [Western Siberia; studies on nature and economy. Textbook for teachers] Zapadnaia Sibir' (ocherki o prirode i khoziaistve), posobie dlia uchitelia. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 190 p.

PASKHAVER, I. S. [Balance of collective-farm labor resources; problems of methodology and analysis] Balans tradovykh resursov kolkhozov, voprosy metodologii, metodiki i analiza. Kiev, Izd-vo Ukr. Akad. sel'khoz. nauk, 1961. 363 p.

PETRANOVICH, L. M. [Unemployment and the state of workers in Italy] Bezrabotitsa i polozhenie rabochikh v Italii. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 157 p.
(CSt-H)

PETROCHENKO, P. F. [Establishing work norms in an enterprise] Kak normiruetsia trud na predpriiatii. Moskva, Gos. izd-vo polit. lit-ry, 1961. 62 p. (Ekonomicheskie znaniia - rabochim)

POLIAKOV, A. V. [Right-flank of the seven-year plan] Pravoflangovyi semiletki Frunze) Kirgizskoe gos. izd-vo, 1960. 34 p.

PROZOROV, P. A. [Northern beacon] Severnyi maiak. Moskva, Izd-vo ekon. lit-ry, 1962. 156 p.

RAKOV, IA. G., and A. P. SKUMAN. [All for the good of man; program for creating the highest standard of living in the world] Vse dlia blaga cheloveka, programma sozdaniia samogo vysokogo v mire zhiznennogo urovnia. Minsk, 1962. 35 p. (Obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii Belorusskoi SSR, no. 2)

RAZDORSKII, G. I. [Commodity production and money under capitalism] Tovarnoe proizvodstvo i den'gi pri kapitalizme. Moskva, Gos. izd-vo "Vysshaia shkola," 1962. 62 p.

[ROLE OF THE PARTY IN MANAGERIAL WORK] O partiinosti v khoziaistvennoi rabote. Moskva, Gos. izd-vo polit. lit-ry, 1962. 237 p.

RONENSON, G. E., and S. B. LIVSHITS. [Computing a schedule of planned norms is the basis of comprehensive planning of assembly-line production] Raschety kalendarno-planovykh normativov - osnova kompleksnogo planirovaniia serlinogo proizvodstva. Leningrad, 1961. 19 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Ekonomika i organizatsiia proizvodstva, no. 1)

RUSSIA (1917- R. S. F. S. R.) Ministerstvo kommunal'nogo khoziaistva. Tekhnicheskoe upravlenie. [Organization of public services and amenities in cities; technical information] Blagoustroistvo gorodov, nauchno-tekhnicheskii informatsionnyi sbornik. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1961. 114 p. (Novaia tekhnika zhilishchno-kommunal'nogo khoziaistva)

RUSSIA (1923- U. S. S. R.) Ministerstvo putei sообshcheniia. [Price list No. 10-01 of railroad freight rates; tariff directive Nos. 1 and 2 of the Ministry of Railroad Transportation: Rules of tariff application, freight classification, general, special, and official tariffs; Alphabetical index of freight classification] Preiskurant No. 10-01 tarifov na gruzovye zheleznodorozhnye perevozki. Tarifnye rukovodstva No. 1 i 2 Ministerstva putei soobshcheniia: Pravila primeneniia tarifov, nomenklatura gruzov, obshchie isklіuchitel'nye i sluzhebnyi tarify, alfavit k nomenklature gruzov. Vvoditsia v deistvie s 1 ianvaria 1961 g.... Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1960. 199 p.

RUSSIA (1923- U. S. S. R.) Ministerstvo putei soobshcheniia. [Price List No. 10-01 for railroad freight rates. Tariff directive No. 3 of the Ministry of Railroad Transportation: calculation tables of rates for freight transportation] Preiskurant No. 10-01 tarifov na gruzovye zheleznodorozhnye perevozki. Tarifnoe rukovodstvo No. 3 Ministerstva putei soobshcheniia. Raschetnye tablitsy plat za perevozki gruzov. Vvoditsia v deistvie s 1 ianvaria 1961 g.... Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1960. 214 p.

RUSSIA (1923- U. S. S. R.) Ministerstvo sviazi. [Telephone directory of the Kislovodsk Automatic Telephone Exchange] Spisok abonentov Kislovodskoi ATS. Kislovodsk, Izd. Kislovodskoi Gorodskoi Avtomaticheskoi telefonnoi stantsii, 1960. 39 p.

RUSSIA (1923- U. S. S. R.) Ministerstvo sviazi. [Telephone directory of Vladimir for 1960] Spisok abonentov Vladimirskoi gorodskoi telefonnoi seti 1960 g. Vladimir, Izd. Vladimirskoi gorodskoi telefonnoi seti, 1960. 140 p.
[PHOTOCOPY]

RUSSIA (1923- U. S. S. R.) Upravlenie podgotovki kadrov schetnykh rabotnikov. [Album of charts, documents, accounting registers and graphs for the course on "Accounting in industry", textbook. Subject. "Materials accounting"] Al'bom skhem, dokumentov, uchetnykh registrov, dokumentogrammu po kursu "Bukhgalterskii uchet v promyshlennosti"; uchebnoe posobie. Tema "Uchet materialov." Moskva, Gosstatizdat, 1961. 47 p.

SABITOV, F. SH. [Ways to reduce production costs; practice of the Leningrad Metal Plant] Puti snizheniia sebestoimosti produktsii, opyt Leningradskogo Metallicheskogo zavoda. Leningrad 1961. 14 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia Ekonomika i organizatsiia proizvodstva, no. 4)

SAMSONOV, A. V., L. M. ITKIN, and E. G. ZANOSOV. [Wages in the department of railroad traffic, manual] Oplata truda v khoziaistve dvizheniia zheleznykh dorog, spravochnik. Pod obshchei red. I. F. Iurchenko Moskva, Vses. Izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1962. 171 p.

SATEL', E. A., and others. [Organization, planning and economics of basic shops in machine plants] Organizatsiia, planirovanie i ekonomika osnovnykh tsekhov mashinostroitel'nykh zavodov. Pod red. E. A. Satelia. Moskva, Mashgiz, 1962. 354 p.

SATUNOVSKII, L. M. [Measuring and analyzing labor productivity in an industrial enterprise] Voprosy izmereniia i analiza proizvoditel'nosti truda na promyshlennom predpriiatii. Moskva, Gosstatizdat TsSU SSSR, 1961. 227 p.

SAVEL'EV, N. [Peasant reform of 1861 in the Altai] Krest'ianskaia reforma 1861 goda na Altae. Barnaul, Altaiskoe kraevoe izd-vo, 1959. 61 p
(NNC)

SESLAVINSKII, I. S. [The ABC of accounting] Azbuka bukhgalterii. [Moskva] Mosk. rabochii, 1962. 125 p.

SHARAPOV, V. I. [Minsk in the seven-year plan] Minsk v semiletke. Minsk, Gos. izd-vo BSSR, Red. massovo-polit. lit-ry, 1961. 77 p.

SHOL'TS, S. V. [Principals of agricultural statistics] Osnovy sel'skokhoziaistvennoi statistiki. Pod red. I. I. Levitina. Moskva, Upravlenie podgotovki kadrov M-va sel'. khoz. SSSR
No 3. 1955. 41 p.
[MICROFILM]

SHREIDER, K. S. [Capital construction in light industry] Kapital'noe stroitel'stvo v legkoi promyshlennosti. Moskva, Gizlegprom, 1949. 127 p.

SIBIRIAKOV, L. E. [Accounting for the utilization of materials in production] Uchet ispol'zovaniia materialov v proizvodstve. Moskva, Gosfinizdat, 1961. 81 p. (Biblioteka bukhgaltera)

SLESAREV, V. V. [What the real incomes of U. S. S. R. workers are composed of] Iz chego skladyvaiutsia real'nye dokhody rabochikh SSSR. Pod obshchei red. L. A. Leont'eva. [Moskva] Mosk. rabochii, 1961. 47 p. (Osnovy ekonomicheskikh znanii - kazhdomu rabochemu)

SOROKIN, N. S. [A story about workers' pride] Rasskaz o rabochei gordosti. Moskva, Gos. izd-vo polit. lit-ry, 1962. 54 p. (Trudom velik chelovek)

SOSKIN, V. L. [Communists of Siberia, initiators of patronage of the cities over villages] Kommunisty Sibiri, zachinateli shefstva gorodin nad derevnei. [Novosibirsk] Novosibirskoe knizhnoe izd-vo, 1958. 61 p.
(MH)

SOVESHCHANIE RABOTNIKOV SEL'SKOGO KHOZIAISTVA OBLASTEI, KRAEV I AVTONOMNYKH RESPUBLIK SEVERNOGO KAVKAZA, Rostov-on-Don, 1962. [Put the wealth of land resources in the service of the motherland] Bogatstva zemli - na sluzhbu Rodine; materialy. Moskva, Izd-vo M-va sel'. khoz. RSFSR, 1962. 151 p.

STARCHENKO, A. A. [Hypothesis; preliminary assumptions during criminal investigation] Gipoteza, sudebnaia versiia. [Moskva] Izd-vo Mosk. univ., 1962. 70 p.

[THE 30TH ANNIVERSARY OF THE MORDVINIAN A. S. S. R.; 1930-1960] 30 let Mordovskoi ASSR; 1930-1960. Saransk, Mordovskoe knizhnoe izd-vo, 1961. 205 p.

TOLSTYKH, A. S. [Organization and establishing work norms in an industrial enterprise] Organizatsiia i tekhnicheskoe normirovanie truda na promyshlennom predpriiatii. Moskva, Izd-vo ekon. lit-ry, 1962. 60 p. (Ekonomicheskoe samoobrazovanie)

USIEVICH, M. A. [Developing the socialist economy of Hungary] Razvitie sotsialisticheskoi ekonomiki Vengrii. Moskva, Izd-vo Akad. nauk SSSR, 1962. 214 p.

VASYLENKO, I. A. [The heroic past of Russian workers, 1861-1895, a popular historical study] Z heroichnoho mynuloho robitnychoho klasu Rosii, 1861-1895; naukovo-popiliarnyi narys. Kyiv, Derzh. uchbovo-pedagog. vyd-vo 'Radians'ka shkola," 1961. 99 p.

VATOLINA, L. N. [Economy of the United Arab Republic] Ekonomika Ob"edinennoi Arabskoi Respubliki. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1962. 77 p.

VEISMAN, M. I., and others. [Accounting and the analysis of balances in river transportation] Bukhgalterskii uchet i analiz balansa na rechnom transporte. Red. S. A. Makhlakh. Moskva, Izd-vo "Rechnoi transport," 1961. 269 p.

VOLOVCHENKO, I. P., and I. P. KSENZ. [Stable crops] Ustoichivye vysokie urozhai. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 117 p.
(DA)

VORONEZH, (Province) Oblastnoe upravlenie sel'skogo khoziaistva. [Manual on wages and the establishment of work norms on collective farms] Spravochnik po oplate i normirovaniiu truda v kolkhozakh. [Voronezh] Voronezhskoe knizhnoe izd-vo, 1959. 189 p.
[MICROFILM]

VSESOIUZNAIA KONFERENTSIIA PO VNUTRIZAVODSKOMU PLANIROVANIIU V MASHINOSTROENII, 3d, Moscow, 1959. [Technical and economic planning] Tekhniko-ekonomicheskoe planirovanie. Moskva, Mashgiz, 1959. 166 p.

VSESOIUZNOE SOVESHCHANIE PO VOPROSAM MEKHANIZATSII TRUDA INZHENERNO-TEKHNICHESKIKH RABOTNIKOV I RABOTNIKOV ADMINISTRATIVNO-UPRAVLENCHESKOGO APPARATA, Moscow, 1960. [Problems in the mechanization of engineering and administrative work; proceedings] Voprosy mekhanizatsii inzhenernogo i upravlencheskogo truda, materialy. Moskva, Gosstatizdat, 1961. 575 p.

[WE SALUTE THE PIONEERS!] Pionerii - saliut! Moskva, Izd-vo "Pravda," 1962. 63 p. (Biblioteka "Komsomol'skoi pravdy," no. 3)

[WITH THE PARTICIPATION OF THE COMMUNITY] Na obshchestvennykh nachalakh. Moskva, Izd-vo "Sovetskaia Rossiia," 1962. 52 p. (Bibliotechka "V pomoshch' sel'skomu klubnomu rabotniku," no. 1)

ZHARIKOV, I. M. [The great march] V bol'shom pokhode. Moskva, Gos. izd-vo polit. lit-ry, 1962. 29 p. (Kommunizm i chelovek)

ZLOMANOV, L. P. [Economic relations between city and village during the large-scale building of communism] Ekonomicheskie sviazi goroda i derevni v period razvernutogo stroitel'stva kommunizma. Moskva, Izd-vo "Znanie," 1962. 44 p. (Novoe v zhizni, nauke, tekhnike. III Seriia: Ekonomika, no. 1)

ZYKOV, A. N. [The Irkutsk Communists in the struggle for the development of socialist relations in rural areas after the defeat of the Kolchak forces in 1920] Irkutskie kommunisty v bor'be za razvitie sotsialisticheskikh otnoshenii v derevne posle razgroma kolchakovshchiny, 1920 god. Irkutsk, Irkutskoe obl. ot-nie ob-va po raspr. polit. i nauchn. znanii RSFSR, [1960] 36 p.
(MH)

6. POLITICAL SCIENCE

[AT HOME] Kodumaal. Tallinn, ENSV riiklik kirjastus keskus, 1948. 60 p. [In Estonian]

AIRAPETIAN, M. E., and G. A. DEBORIN. [Communism and foreign policy] Kommunizm i vneshniaia politika. Moskva, Izd-vo "Znanie," 1962. 47 p.
[MICROFILM]

AKADEMIIA NAUK SSSR. Institut slavianovedeniia. [From the history of the Polish labor movement] Iz istorii pol'skogo rabochego dvizheniia. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1962. 475 p.

[APPEAL OF SOVIET LATVIAN WOMEN TO LATVIAN WOMEN IN THE WESTERN ZONES OF GERMANY AND AUSTRIA, TO ALL LATVIAN WOMEN IN EXILE] Padomju Latvijas sieviesu aicinajums; latviesu sievietem Vacijas un Austrijas rietumu zonas, visam latviesu sievietem svesuma. Riga, Latvijas Valsts izdevnieciba, 1949. 17 p. [In Latvian]

hea

ARALBAEV, ZH [Soviet people are a decisive force in the struggle for communism] Sovet khalky - kommunizm ornatuda sheshushi kush Almaty, Kazak memleket baspasy, 1960 88 p [In Kazakh]

BATYROV, SH. B [Formation and development of socialist nations in the U. S. S. R.] Formirovanie i razvitie sotsialisticheskikh natsii v SSSR. Moskva, Izd-vo Akad. nauk SSSR, 1962. 366 p.

BELYKH, A. K. [Soviet man is the master of his country] Sovetskii chelovek - khoziain svoego gosudarstva [Leningrad] Lenizdat, 1961 62 p

BORISOV, IU. V. [Anticommunism is a weapon of aggression] Antikommunizm - orudie agressii. Moskva, Izd-vo "Znanie," 1962. 31 p (Novoe v zhizni, nauke, tekhnike Seriia 7 Mezhdunarodnaia, no 7)

BYKOVA, L. P. [Origins of the Perm Committee of the RSDRP (b)] Vozniknovenie Permskoi organizatsii RSDRP (b). Perm', Permskoe knizhnoe izd-vo, 1961. 141 p
(MH)

CZECHOSLOVAK REPUBLIK Constitution. [Constitution of the Czechoslovak Socialist Republic adopted by the National Assembly of July 11, 1960. Translated from the Czech] Konstitutsiia Chekhoslovatskoi Sotsialisticheskoi Respubliki, priniata Natsional'nym sobraniem 11 iiulia 1960 goda. Moskva, Goslurizdat, 1961 39 p.
(MH)

[ESTONIAN S. S. R.; administrative and political divisions] Eesti NSV, territoriumi administratiivne jaotus seisuga 1. juuli 1961 Tallinn, Eesti riiklik kirjastus, 1961. 83 p. maps. [Parallel texts in Estonian and Russian]

GE, V N [New page of history, toward a national democratic state] Novaia stranitsa istorii, na putiakh k gosudarstvu natsional'noi demokratii Moskva, Izd-vo "Znanie," 1962. 45 p (Novoe v zhizni, nauke, tekhnike. I Seriia: Istoriia, no. 1)

GONCHAROV, A. IA [Community and the executive committee of the district soviet of worker deputies] Obshchestvennost' i ispolnitel'nyi komitet raionnogo Soveta deputatov trudiashchikhsia. Moskva, Gos. izd-vo iurid. lit-ry, 1962 44 p

GROTEWOHL, OTTO. [Selected articles and speeches, 1945-1959. Translated from the German] Izbrannye stat'i i rechi, 1945-1959 gody. Moskva, Gospolitizdat, 1961. 559 p.
(MH)

HOLMSTON-SMYSLOVSKII. [Selected articles and speeches] Izbrannye stat'i i rechi Buenos Aires, Rossiskoe voenno-natsional'noe osvoboditel'noe dvizhenie im gen A. V. Suvorova, 1953. 224 p.
(NNC)

IGRAEV, A. V. [Propagandists' centers in villages] Doma agitatorov na sele. [Tula] Tul'skoe knizhnoe izd-vo, 1960. 29 p. (Bibliotechka partiinogo opyta)
(RPB)

IVANOV, IU. I. [Basic question of our time; the 22d Congress of the CPSU on the problem of war and peace] Osnovnoi vopros sovremennosti, XXII s"ezd KPSS o probleme voiny i mira. Moskva, Izd-vo "Znanie," 1962. 30 p. (Novoe v zhizni, nauke, tekhnike. Seriia 7: Mezhdunarodnaia, no. 6)

JABLONSKIS, A [To Latvians in exile] Tautiesiem svesuma. Riga, Latvijas Valsts izdevnieciba, 1949. 14 p. [In Latvian]

KHRUSHCHEV, N. S. [Speech at a solemn meeting in Baku devoted to the 40th anniversary of the establishment of the Soviet regime and organization of the Communist Party of Azerbaijan, April 25, 1960] Sovet billigi ornotulgandygynyn zhana Azerbaizhandym kommunistik partiiasy tuzulgondugunun 40 zhyldygyna arnalgan bakudagy saltanattuu zasedaniede, 1960-zhyly 25-aprelde, suilogon soz. Frunze, Kyrgyzstan mamlekettik basmasy, 1960. 35 p. [In Kirghiz]

KOLESNIKOVA, N. A., A. V. KRIVOLAPOV, and P. F. MIKHALEV. [Youth thinks about life] IUnost' obdumyvaet zhit'e... [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1962. 139 p.

KOMMUNISTICHESKAIA PARTIIA AZERBAIDZHANA. 25. s"ezd. [Resolutions of the 25th Congress of the Communist Party of Azerbaijan] Razoliutsii. Baku, Azerbaidzhanskoe gos. izd-vo, 1961. 55 p.

KOMMUNISTICHESKAIA PARTIIA GRUZII. TSentral'nyi Komitet. [Report of the Central Committee of the Communist Party of Georgia to the 21st Congress of the party; the report of Comrade V. P. Mzhavanadze, alternate member of the Presidium of the CPSU and the First Secretary of the Central Committee of the Communist Party of Georgia, September 27, 1961. Resolution of the 21st Congress of the Communist Party of Georgia based on the report of the Central Committee, adopted unanimously on September 28, 1961] Otchet TSentral'nogo Komiteta KP Gruzii XXI s"ezdu Kompartii Gruzii; doklad kandidata v chleny prezidiuma TsK KPSS, pervogo sekretaria TsK Kompartii Gruzii tovarishcha V. P. Mzhavanadze, 27 sentiabria 1961 goda. Rezoliutsiia XXI s"ezda Kompartii Gruzii po otchetu TSentral'nogo Komiteta, priniata edinoglasno 28 sentiabria 1961 goda. Tbilisi, Izd-vo TsK KP Gruzii, 1961. 81 p.

KOMMUNISTICHESKAIA PARTIIA SOVETSKOGO SOIUZA. [CPSU on the Communist Youth League and youth; resolutions, congress decisions, party conferences, decisions of the Central Committee of CPSU and other party documents, 1917-1961] KPSS o komsomole i molodezhi, sbornik rezoliutsii, reshenii s"ezdov, konferentsii partii, postanovlenii TsK KPSS i drugikh partiinykh dokumentov, 1917-1961 gg. 3, dop izd. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1962. 399 p.

KOMMUNISTICHESKAIA PARTIIA SOVETSKOGO SOIUZA. [Statutes of the Communist Party of the Soviet Union adopted by the 22d Congress of the CPSU] Statut Komunistychnoi Partii Radians'koho Soiuzu, pryniiatyi XXII z"izdom KPRS. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1961. 28 p.

KOMMUNISTICHESKAIA PARTIIA SOVETSKOGO SOIUZA. [Statutes of the Communist Party of the Soviet Union adopted by the 22d Congress of the CPSU] Statut Komunistychnoi Partii Radians'koho Soiuzu; zatverdzhenyi XXII z"izdom KPRS. [Kyiv] Derzh. vyd-vo polit. lit-ry URSR, 1962. 126 p

KOMMUNISTICHESKAIA PARTIIA SOVETSKOGO SOIUZA. TSentral'nyi Komitet. [Appeal of the Central Committee of the CPSU to workingmen and workingwomen, collective farmers and their wives, the Soviet intelligentsia, Soviet soldiers and seamen, and all Soviet voters] Zvernennia TSentral'noho Komitetu Komunistychnoi partii Radians'koho Soiuzu do vsikh vybortsiv-robitnykiv i robitnyts', kolhospnykiv i kolhospnyts', radians'koi intelligentsii, voiniv Radians'koi Armii i Viis'kovo-Mors'koho Flotu. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1962. 15 p.

KOZACHUK, L. M. [How the party press struggled for communist ideology in literature and art, 1946-1960] Partiina presa v borot'bi za komunistychnu ideinist' literatury i mystetstva, 1946-1960, narys. [L'viv] Vyd-vo L'vivs'koho univ., 1961. 174 p.

KOZHEVNIKOV, V. A. Laos. Moskva, Izd-vo "Znanie," 1962. 31 p. (Novoe v zhizni, nauke, tekhnike. Seriia 7 Mezhdunarodnaia, no. 4)
[MICROFILM]

KUZNETSOV, IU. S. [The Communist Party (Bolsheviks) of Turkmenistan from 1926 to 1929] Kommunisticheskaia partiia (bol'shevikov) Turkmenistana v 1926-1929 godakh. Ashkhabad, Turkmenskoe gos. izd-vo, 1960. 257 p.
(MH)

LAFERTTE GAVINO, ELIAS. [Life of a communist; pages of an autobiography. Translated from the Spanish] Zhizn' kommunista; stranitsy avtobiografii. Moskva, Gos. izd-vo polit. lit-ry, 1961. 318 p.
(CSt-H)

LATVIJAS KOMUNISTISKAS PARTIJU. Partijas vestures instituts, Riga. [Communists of Latgale during the underground years, 1920-1940; reminiscences] Komunisty Latgalii v gody podpol'ia, 1920-1940; vospominaniia. Riga, Latviiskoe gos. izd-vo, 1960. 328 p.
(ICU)

LENIN, V. I. [Complete works] Polnoe sobranie sochinenii. Izd. 5. Moskva, Gos. izd-vo polit. lit-ry.
Vol. 27. [(August 1915-June 1916)] Avgust 1915-iiun' 1916. 1962. 643 p.

LIEBMAN, ABE. [Estonian Communist Party during the post-war revolutionary crisis, February 1920 to December 1924] Eestlaste Kommunistlik Partei sojajargse revolutsioonilise kriisi aastail, veebruar 1920-detsember 1924. Tallinn, Eesti riiklik kirjastus, 1961. 169 p. [In Estonian]

LIETUVOS KOMUNISTU PARTIJA. 13. suvaziavimas. [The 13th Congress of the Communist Party of Lithuania] XIII s"ezd Kommunisticheskoi partii Litvy. Vil'nius, Gospolitnauchizdat, 1961. 178 p.

LYMAR, IU. V. [Chile] Chili. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1961. 37 p.

MALYBAEV, O. M. [Struggle of the CPSU for the establishment and development of the third coal basin in the U. S. S. R.] Bor'ba KPSS za sozdanie i razvitie tret'ei ugol'noi bazy SSSR. Alma-Ata, Kazgosizdat, 1961. 406 p.
(MH)

MONGOLIA (Mongolian People's Republic) Constitution. [Constitution of the Mongolian People's Republic] Konstitutsiia Mongol'skoi Narodnoi Respubliki. Ulan-Bator, Gosizd-vo MNR, 1961 37 p.

MOSCOW. AKADEMIIA OBSHCHESTVENNYKH NAUK. [Program for studying the materials of the 22d Congress of the CPSU, for theoretical study groups of the history of the CPSU and the basic principles of Marxism-Leninism] Programa vyvchennia materialiv XXII z'izdu KPRS, dlia teoretychnykh seminariv z istorii KPRS i osnov marksyzmu-leninizmu Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1962. 19 p.

MOSCOW. AKADEMIIA OBSHCHESTVENNYKH NAUK. [Program for the study of the materials of the 22d Congress of the CPSU in the schools of political education, and study groups of the history of the CPSU, basic principles of Marxism-Leninism, and current political events] Programa vyvchennia materialiv XXII z'izdu KPRS dlia politshkil, hurtkiv istorii KPRS, osnov marksyzmu-leninizmu i potochnoi polityky. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1962 27 p.

MOTYLEV, A. S. [On the way to communism] Po puti k kommunizmu. Moskva, Gos. izd-vo polit. lit-ry, 1961. 77 p.

PAVLOV, P. M. [Powerful sweep of the communist movement] Moguchii razmakh kommunisticheskogo dvizheniia. [Leningrad] Lenizdat, 1962 281 p.

PONOMAREV, B. N. [A speech at the 22d Congress of the CPSU] Promova na XXII z'izdi KPRS, 24 zhovtnia 1961 roku. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1961. 14 p.

POTOTSKII, N. [Land for the workers!] Zemlia - trudiashchimsia! Buenos Aires, Nasha strana, 1960. 23 p.
(CLU)

SHAIMERDENOV, KURMASH. [Problem of the transition of socialist countries to communism] Sotsialistik sistema elderinin kommunizmge otui turaly. Almaty, 1960 56 p. [In Kazakh]

SHEVELIEV, A. H. [Tenth Congress of the Communist Party of the Ukraine] Desiatyi z'izd KP(b)U. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1960. 188 p.
(Z'izdy i konferentsii Komunistychnoi partii Ukrainy)
(NNC)

SOLOV'EV, P. F. [Recommended methods for the work of theoretical study groups] Tak dolzhen rabotat' teoreticheskii seminar. Frunze, Kirgizskoe gos. izd-vo, 1960. 47 p. (Iz opyta raboty partiinykh organizatsii)

[THE SOVIET UNION IS A SINCERE FRIEND OF THE PEOPLES OF AFRICA; trip of L. I. Brezhnev, Chairman of the Presidium of the Supreme Soviet of the U. S. S. R., to Morocco, Guinea, and Ghana, February 9-21, 1961] Sovetskii Soiuz - iskrennii drug narodov Afriki; prebyvanie Predsedatelia Prezidiuma Verkhovnogo Soveta SSSR L. I. Brezhneva v Marokko, Gvinee, Gane 9-21 fevralia 1961 g. Moskva, Gos. izd-vo polit. lit-ry, 1961. 166 p.

SVERGES KOMMUNISTISKA PARTI. 19th Kongress, Stockholm, 1961. [The 19th Congress of the Communist Party of Sweden, January 6-8, 1961] XIX s"ezd Kommunisticheskoi partii Shvetsii; Stokgol'm, 5-8 ianvaria 1961 goda. Moskva, Gos. izd-vo polit. lit-ry, 1961. 163 p. (Dokumenty i materialy zarubezhnykh kommunisticheskikh i rabochikh partii)

SYSOEV, S., and L. SHKOL'NIKOV. [Youthful years] Gody molodye. [Briansk] Brianskii rabochii, 1960. 254 p.
(MH)

TIMOFEEV, T. T. [Way for all peoples; program of the CPSU and the international labor movement] Put' dlia vsekh narodov; programma KPSS i mezhdunarodnoe rabochee dvizhenie. Moskva, Izd-vo "Znanie," 1962. 46 p. (Novoe v zhizni, nauke, tekhnike. I Seriia Istoriia, no. 4)

UCHENOVA, V. V. ["Kommunisticheskaia revoliutsiia" and "Bol'shevik," central party journals; 1921-1925] TSentral'nye partiinye zhurnaly "Kommunisticheskaia revoliutsiia" i "Bol'shevik," 1921-1925 gg. [Moskva] Izd-vo Mosk. univ., 1962. 54 p.

UKRAINE. Constitution. [Constitution (fundamental law) of the Ukrainian Soviet Socialist Republic; with amendments adopted at the second and third sessions of the Fifth Supreme Soviet of the Ukrainian S. S. R.] Konstitutsiia (osnovnoi zakon) Ukrainskoi Sovetskoi Sotsialisticheskoi Respubliki; s izmeneniiami i dopolneniiami, priniatymi na II i III sessiiakh Verkhovnogo Soveta Ukrainskoi SSR piatogo sozyva. Kiev, Izd. Verkhovnogo Soveta USSR, 1960. 26 p.

UKRAINE. Constitution. [Constitution (fundamental law) of the Ukrainian Soviet Socialist Republic; with amendments adopted at the fifth and sixth sessions of the Fifth Supreme Soviet of the Ukrainian S.S.R.] Konstitutsiia (osnovnoi zakon) Ukrainskoi Sovetskoi Sotsialisticheskoi Respubliki; s izmeneniiami i dopolneniiami, priniatymi na V i VI sessiiakh Verkhovnogo Soveta Ukrainskoi SSR piatogo sozyva. Kiev, Izd. Verkhovnogo Soveta USSR, 1962. 29 p.

UKRAINE. Verkhovnyi Sovet. [Meetings of the Fifth Supreme Soviet of the Ukrainian S.S.R., fourth session, December 27-28, 1960. Verbatim report] Zasedaniia Verkhovnogo Soveta Ukrainskoi SSR piatogo sozyva, chetvertaia sessiia(27-28 dekabria 1960 goda). Stenograficheskii otchet. Kiev, Gos. izd-vo polit. lit-ry USSR, 1961. 224 p.

VILKOV, G. E., and I. P. BLISHCHENKO, comps. [A collection of Soviet agreements with foreign states on consular service] Soglasheniia Sovetskogo Soiuza s inostrannymi gosudarstvami i po konsul'skim voprosam, sbornik. Moskva, Izd-vo In-ta mezhdunarodnykh otnoshenii, 1962. 231 p.

VOLODIN, A. I. [In quest of revolutionary theory, the life and work of A. I. Hertzen] V poiskakh revoliutsionnoi teorii (A. I. Gertsen) Moskva, Gos. izd-vo polit. lit-ry, 1962. 111 p.

VOLKOV, IU. E. [Transition of the socialist state system to communist self-government] Pererastanie sotsialisticheskoi gosudarstvennosti v kommunisticheskoe obshchestvennoe samoupravlenie. [Sverdlovsk] Sverdlovskoe knizhnoe izd-vo, 1961. 65 p.

WASILEWSKA, WANDA. [Archipelago of freedom. Translated from the Polish] Arkhipelag svobody. [Moskva] Izd-vo "Pravda," 1962. 94 p.

7. LAW

AKADEMIIA NAUK SSSR. Komissiia po pravovym voprosam mezhplanetnogo prostranstva. [Outer space and international law; collected articles] Kosmos i mezhdunarodnoe pravo; sbornik statei. Moskva, Izd-vo In-ta mezhdunarodnykh otnoshenii, 1962. 181 p.

AKADEMIIA NAUK URSR, Kiev, Sektor derzhavy i prava. [Five hundred questions and answers on Soviet law; a legal reference book for the Soviet people] 500 zapytan' i vidpovidei z radians'koho zakonodavstva, iurydychnyi dovidnyk dlia naselennia. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 363 p.

ASADOV, AZIZ. [Family law; based on the materials of the Azerbaijan S.S.R.] Semeinoe pravo, po materialam Azerbaidzhana. Baku, Azerbaidzhanskii gos. univ., 1960. 221 p.

BELIAKOVA, A. M. [Liability for personal injuries] Vozmeshchenie vreda, prichinennogo uvech'em. [Moskva] Izd-vo Mosk. univ., 1961. 44 p.

BOGDANOV, O. V. [Legal problems arising from the fact that the United Nations is in the U.S.A.; privileges and immunities of the United Nations] Pravovye voprosy prebyvaniia OON v SShA, privilegii i immunitety OON. Moskva, Izd-vo In-ta mezhdunarodnykh otnoshenii, 1962. 101 p.

BORSHCHEVSKII, L. M. [The rights and obligations of construction workers, group leaders, and foremen] Prava i obiazannosti rabochego, brigadira i mastera na stroike. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 30 p. (V pomoshch' ekonomicheskomu obrazovaniiu rabochikh, brigadirov i masterov-stroitelei)

DRONIKOV, V. K. [Roman civil law] Rymskoe pryvatne pravo. [Kyiv], Vyd-vo Kyivs'koho univ., 1961. 197 p.

ERMAGAMBETOV, M. K. [U.S.S.R guards the peace and security of the peoples] SSSR na strazhe mira i bezopasnosti narodov. Alma-Ata, Kazakhskoe gos. izd-vo, 1961. 336 p.

FILIPPOV, E. I. [How our courts protect the labor rights of Soviet citizens] Sudebnaia zashchita trudovykh prav grazhdan v SSSR. Izd. 2., perer. i dop. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 86 p.

GERASIMOV, V. V. [Let their friends judge them] Na sud tovarishchei. [Ivanovo] Ivanovskoe knizhnoe izd-vo, 1961. 30 p.

IAKIMOV, P. P. [The role of lay prosecutors and defenders in judicial proceedings] Obshchestvennyi obvinitel' i obshchestvennyi zashchitnik v sude. Moskva, Gos. izd-vo iurid. lit-ry, 1962. 46 p.

IURCHENKO, V. S. [Protection of private property in the U.S.S.R.] Okhrana imushchestvennykh prav sovetskikh grazhdan. Minsk, Izd-vo Akad. nauk BSSR, 1962. 149 p.

KERIMOV, D. A. [Codification of law and the preparation of new legislative enactments] Kodifikatsiia i zakonodatel'naia tekhnika. Moskva, Gos. izd-vo iurid. lit-ry, 1962. 102 p.

KIEVSKII NAUCHNO-ISSLEDOVATEL'SKII INSTITUT SUDEBNOI EKSPERTIZY. [Photographic and physical methods in the examination of material evidence, a manual for experts, criminal investigators, public prosecutors, and court personnel] Fotograficheskie i fizicheskie metody issledovaniia veshchestvennykh dokazatel'stv, posobie dlia ekspertov, rabotnikov organov doznaniia, prokuratury i suda. Pod red. N. M. Zluskima i B. R. Kirichinskogo. Moskva, Gos. izd-vo iurid. lit-ry, 1962. 541 p.

KISELEV, IA. L. [Industrial safety according to Soviet labor law] Okhrana truda po sovetskomu trudovomu pravu. Moskva, Gos. izd-vo iurid. lit-ry, 1962. 222 p.

KORETSKII, V. I. [Copyright on the published results of research projects] Avtorskoe pravo na planovye nauchnye raboty. Dushanbe, Tadzhikskii gos. univ. im. V. I. Lenina, 1962. 61 p.

KOVALEV, F. N., and I. I. CHEPROV. [Toward space law] Na puti k kosmicheskomu pravu. Moskva, Izd-vo In-ta mezhdunarodnykh otnoshenii, 1962. 178 p.

LITHUANIAN S.S.R. Laws, statutes, etc. [Penal code of the Lithuanian Soviet Socialist Republic] Lietuvos Tarybu Socialistines Respublikos baudziamasis kodeksas. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 170 p. [In Lithuanian]

MIKHAILOV, M. P. [The right of Soviet citizens to defend themselves] Pravo grazhdan na neobkhodimuiu oboronu. Moskva, Gos. izd-vo iurid. lit-ry, 1962. 28 p.

MONGOLIA (Mongolian People's Republic) Laws, statutes, etc. [Criminal code of the Mongolian People's Republic] Ugolovnyi kodeks Mongol'skoi Narodnoi Respubliki. Ulan-Bator, Gosizdatel'stvo MNR, 1961. 76 p.

MOSCOW, VSESOIUZNYI IURIDICHESKII ZAOCHNYI INSTITUT. [Constitutional law of bourgeois countries] Gosudarstvennoe pravo burzhuaznykh stran. Pod red. D. B. Levina. Moskva, 1961. 536 p.

PIONTKOVSKII, A. A. [Course on Soviet criminal law. General part: Theory of crime in Soviet criminal law] Kurs sovetskogo ugolovnogo prava, obshchaia chast': Uchenie o prestuplenii po sovetskomu ugolovnomu pravu. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 665 p.

[RECOMMENDED FORMS OF PRIVATE PERSONS' COMPLAINTS AND SUGGESTIONS] Kak oformliaiutsia zhaloby i zaiavleniia grazhdan. Moskva, Gosiurizdat, 1961. 75 p. (Iuridicheskie konsul'tatsii dlia naselenia v voprosakh i otvetakh, no. 20)

RUSSIA (1923- U.S.S.R.) Laws, statutes, etc. [Collected labor laws] Sbornik zakonodatel'nykh aktov o trude. Izd. 4., ispr. i dop. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 747 p.

RUSSIA (1923- U.S.S.R.) Laws, statutes, etc. [Laws of the U.S.S.R. and the decrees of the Supreme Soviet of the U.S.S.R.; adopted at the fifth, sixth, and seventh sessions of the Fifth Supreme Soviet of the U.S.S.R.] Zakony SSSR i postanovleniia Verkhovnogo Soveta SSSR. Priniaty na piatoi, shestoi i sed'moi sessiiakh Verkhovnogo Soveta SSSR piatogo sozyva. Moskva, Izd-vo "Izvestiia Sovetov deputatov trudiashchikhsia SSSR," 1962. 167 p.

RUSSIA (1923- U.S.S.R.) Laws, statutes, etc. [Laws on the judicial system of the U.S.S.R. and the Union Republics] Zakonodatel'stvo o sudoustroistve Soiuza SSR i soiuznykh respublik. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 262 p. (Vazhneishie zakonodatel'nye akty Soiuza SSR i soiuznykh respublik)

[WE MUST BE VIGILANT! THE TRIAL OF THE FASCIST MURDERERS A. MERE, R. GERRETS, and J. VIIK, MARCH 6-11, 1961] Liudi, bud'te bditel'ny, sudebnyi protsess nad fashistskimi ubiitsami A. Mere, R. Gerretsom i IA. Viikom 6-11 marta 1961 goda. Tallinn, Estonskoe Gos. izd-vo, 1961. 291 p.

8. EDUCATION

AKADEMIIA PEDAGOGICHESKIKH NAUK RSFSR, Moscow. [V. I. Lenin and the problems of public education] V. I. Lenin i problemy narodnogo obrazovaniia. Pod red. N. K. Goncharova i F. F. Koroleva. Moskva, 1961. 268 p.

AKADEMIIA PEDAGOGICHESKIKH NAUK RSFSR, Moscow. Institut khudozhestvennogo vospitaniia. [System of aesthetic education in the kindergarten] Sistema esteticheskogo vospitaniia v detskom sadu. Pod obshchei red. N. A. Vetluginoi. Moskva, Izd-vo Akad. pedagog. nauk, RSFSR, 1962. 371 p.

AKADEMIIA PEDAGOGICHESKIKH NAUK RSFSR, Moscow. Institut psikhologii. [Psychology of student personality] Voprosy psikhologii lichnosti shkol'nika. Pod red. L. I. Bozhovich i L. V. Blagonadezhinoi. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1961. 405 p.

ASLEZOV, S. A. [Invasion of the blue continent] Shturm golubovo kontinenta. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1961. 78 p.

BYKOVA, A. I. [Teaching basic movements to preschool children] Obuchenie detei doshkol'nogo vozrasta osnovnym dvizheniiam, posobie dlia vospitatelei detskikh sadov. Izd 3. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 251 p.

GOMEL'SKII, A. IA. [Through various countries with a basketball] S miachom po stranam. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1960. 223 p.

IAKOVLEV, V. G. [Be a sports organizer] Bud' fizkul'turnym organizatorom. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1961. 75 p. (V pomoshch' pioneru-instruktoru)

[THE LAW CONCERNING THE STRENGTHENING OF THE BOND BETWEEN SCHOOL AND LIFE, AND OF PUBLIC EDUCATION IN KIRGHIZISTAN] Zakon ob ukreplenii sviazi shkoly s zhizn'iu i o dal'neishem razvitii sistemy narodnogo obrazovaniia v Kirgizskoi SSR. Frunze, 1960. 50 p. (DLC)

LOSANOVA, L. A. [Labor traditions in the schools of Kirghizia] Kyrgyzstandyn mektepterindegi emgek traditsialary. Frunze, Kyrgyzstan ilimi-izildoo pedagogika institutu, 1960. 76 p. [In Kirghiz]

MARKUSHA, ANATOLII. [When we are 40, in jest and seriously about things that concern everybody] Kogda nam sorok; i v shutku i vser'ez o tom, chto kasaetsia vsekh. [Moskva] Izd-vo "Fizkul'tura i sport," 1961. 44 p. (Bibliotechka "Fizkul'tura i zdorov'e")

MIKHAILOVA, L. L., O. I. SOLOV'EVA, and S. I. CHESHEVA. [Festivals in a kindergarten] Prazdniki v detskom sadu. 2. izd., ispr. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 108 p.

PASHCHENKO, V. IA. [The training of propagandists] Podgotovka propagandistov. Moskva, Gos. izd-vo polit. lit-ry, 1962. 53 p. (Voprosy partiinogo stroitel'stva)

ROZANOV, I. G. [Self-service of grade 1-4 students in school and at home, handbook for elementary school teachers] Samoobsluzhivanie uchashchikhsia I-IV klassov v shkole i sem'e, posobie dlia uchitelei nachal'nykh klassov. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1961. 134 p.

RUDNEVA, E. I. [Vocational technical training of students, 1918-1920] Trudovoe politekhnicheskoe obuchenie shkol'nikov, 1918-1920. Pod red. S. M. Shabalova. [Moskva] Izd-vo Mosk. univ., 1961. 132 p.

SHIBANOV, A. A. [Applied science and production instruction in the rural school] Politekhnicheskoe i proizvodstvennoe obuchenie v sel'skoi shkole. Izd. 4., perer. i dop. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1962. 399 p.

SOIUZ SPORTIVNYKH OBSHCHESTV I ORGANIZATSII SSSR. Tsentral'nyi sovet. [Acrobatics; rules of competition] Akrobatika; pravila sorevnovanii. Moskva, Izd-vo "Fizkul'tura i sport," 1961. 52 p.

SOROCHEK, R. G. [Gymnastics for children; from one to three years of age] Gimnastika dlia malen'kikh; ot odnogo goda do trekh let. Moskva, In-t sanitarnogo prosv. M-va zdravookhraneniia SSSR, 1961. 62 p.

[A SPIRIT OF INTENSE ACTIVITY IN STUDY HALLS] V audytoriiakh vyrule zhytiia. Kyiv, Vyd-vo TsK LKSMU "Molod'," 1961. 111 p.

[STATUS OF THE ALL-UNION PHYSICAL EDUCATION COMPLEX "READY FOR LABOR AND DEFENSE OF THE U.S.S.R."] "SSSRdi korgoogo zhana emgekke dalar bol" degen butkil sazuzduk fizkul'tura kompleksi zhonundo zhobo. Frunze, Kyrgyz mamlekettik okuu-pedagogika basmasy, 1960. 59 p. [In Kirghiz]

STREZIKOZIN, V. P. [Students acquire a trade; vocational training in general schools] Shkol'niki priobretaiut professiiu; professional'naia podgotovka v

oobshcheobrazovatel'noi shkole. Moskva, Izd-vo "Znanie," 1962. 45 p. (Novoe v zhizni, nauke, tekhnike. XI Seriia Pedagogika, no.4)

ALLINN POLUTEHNILINE INSTITUUT [Technical Institute of Tallinn, handbook for applicants] Spravochnik dlia postupaiushchikh [Tallinn] 1961 93 p

OVAROVSKII, M.D. [Soccer] Futbol. Moskva, Izd-vo "Vizkul'tura i sport," 1961 167 p

SOVA, A.P. [Russian folk works in the kindergarten] Russkoe narodnoe tvorchestvo v detskom sadu, kniga dlia vospitatelei detskikh sadov 2 izd., perer. i dop. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 75 p.

ERKHOSHANSKII, IU.V. [Hop, skip, and jump (from a run), manual for trainers and ranking athletes] Troinoi pryzhok (s razbega), posobie dlia trenerov i sportsmenov-razriadnikov. Moskva, Izd-vo "Fizkul'tura i sport," 1961 213 p.

ILNA. UNIVERSITETAS [Regulations for the admission of students to Vilna State University and the program of entrance examinations for 1960] Studentu priemimo i Vilniaus Valstybini V Kapsuko Vardo Universiteta 1960 m Taisykles ir stojamuju egzaminu programos Vilnius, 1960 72 p. [In Lithuanian]

[MICROFILM]

NOGRADOVA, M.D. [Working with teenagers in schools on their choice of vocation] Vospitatel'naia abota s podrostkami v shkole po vyboru professii. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1961. 3 p. (Pedagogicheskaia biblioteka uchitelia)

ERossiiskii S"ezd Uchitelei, Moscow, 1960. [All-Russian Teachers' Congress, Moscow 1960, stenographic record] Stenograficheskii otchet Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961 586 p.

AVITAEV, P.A. [Equipment for nature study in grades 1-4, teachers' manual] Oborudovanie zaniatii po izucheniiu prirody v I-IV klassakh, posobie dlia uchitelia. Izd. 6., dop. i perer. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 206 p.

HAROV, K.P. [Volitional training of athletes] Volevaia podgotovka sportsmena Moskva, Voen. izd-vo M-va obor. SSSR, 1962. 97 p.

9. MUSIC, THEATER & MOTION PICTURES

HE ACTOR'S WORK] Trud aktera, sbornik statei. Moskva, Izd-vo "Sovetskaia Rossiia." (Bibliotechka "Khudozhestvennaia samodeiatel'nost'," no. 5)
No. 10. Barsova, Pashennaia, Gaideburov, Mordvinov. 1962. 101 p.

KHMETOVA, M.M., and B.G. ERZAKOVICH. [Soviet Kazakh folk songs] Kazakhskie sovetskie narodnye pesni; etnograficheskii sbornik (noty i teksty)... Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1959. 453 p.
(WaU)

HAIKOVSKII, P.I. [Complete collected works] Polnoe sobranie sochinenii. Moskva, Gos. muzykal'noe izd-vo.
Vol 3-b. [Literary works and correspondence] Literaturnye proizvedenia i perepiska. Tom podgotovlen Vl. Protopopovym. 1961 523 p

OLINSKII, I.L. [Soviet motion-picture comedies of the 1930's, verbatim copies of lectures] Sovetskaia kinokomediia tridtsatykh godov; stenogramma lektsii. Izd 2, ispr. i dop. Moskva, Vses. gos. in-t kinematografii, 1961. 44 p.

OLZHANSKII, A.N. [Music of Chaikovskii, symphonic works] Muzyka Chaikovskogo; simfonicheskie proizvedeniia. Leningrad, Gos. muzykal'noe izd-vo, 1960. 267 p. (Nauchno-populiarnye proizvedeniia)

EDOROVA, G.P. Glazunov, 2, izd. Moskva, Gos. muzykal'noe izd-vo, 1961. 39 p. (Bibliotechka liubitelia muzyki)

UNNY SONGS; collected songs with accordion accompaniment] Shutochnye pesni, sbornik pesen v soprovozhdenii bajana. Moskva, Voen. izd-vo M-va oborony SSSR, 1962. 205 p.

RSKII, V., and N. ROVENSKII, comps. [Ten unforgettable days; the ten-day festival of Kazakh art and literature in Moscow, December 1958] Desiat' nezabyvaemykh dnei; dekada kazakhskogo iskusstva i literatury v Moskve, dekabr' 1958. Alma-Ata, Kazakhskoe Goslitizdat., 1961. 319 p.
(MH)

HORODYS'KYI, M.P. [The Kievan theater "Solovtsov", a study] Kyivs'kyi teatr "Solovtsov"; narys. Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry URSR, 1961, 121 p.

HRINCHENKO, M.O. [Selected works] Vybrane, Uporiadkuvannia i redaktsiia M. Hordiichuka. Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva u muzychnoi lit-ry URSR, 1959. 529 p.
(WaU)

KARAMANENKO, T.N. [The puppet theater in kindergarten] Kukol'nyi teatr v detskom sadu. Izd 2 Moskva, Gos. uchebno-pedagog. izd-vo, 1960. 99 p.
(CU)

KHAICHENKO, G.A. [Basic stages in the development of the Soviet theater] Osnovnye etapy razvitiia sovetskogo teatra. Moskva, Izd-vo "Znanie," 1962. 47 p. (Narodnyi universitet kul'tury Fakul'tet literatury i iskusstva, no.2)

LENINGRAD, GOSUDARSTVENNAIA KONSERVATORIIA, Kafedra istorii muzyki SSSR. [Fifty-five Soviet symphonies] 55 sovetskikh simfonii. Leningrad, Sovetskii kompozitor, 1961. 458 p.

LENINGRAD, GOSUDARSTVENNYI AKADEMICHESKII MALYI OPERNYI TEATR [State Order of Lenin "Malyi Opera Theater" in Leningrad] Leningradskii gosudarstvennyi ordena Lenina akademicheskii Malyi opernyi teatr Leningrad, Gos. muzykal'noe izd-vo, 1961 213 p.

LISITSA, A.P. [Kit of theatrical sounds] Chemodan teatral'nykh shumov Moskva, Izd-vo "Sovetskaia Rossiia," 1962. 95 p. (Bibliotechka "Khudozhestvennaia samodeiatel'nost', no. 4)

LOKSHIN, D.L., E.V. DAVYDOVA, and V.N. SHATSKAIA. [Singing lessons for grades 7 and 8] Uroki peniia v VII-VIII klassakh, metodicheskoe posobie dlia uchitelei peniia. Leningrad, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1962. 225 p.

LYSENKO, O.M. [Mykola Lysenko, reminiscences by his son] Mykola Lysenko, vospominaniia syna. Moskva, Molodaia gvardiia, 1960. 252 p. (Zhizn' zamechatel'nykh liudei: Seriia biografii, no. 18(308))
(CU)

[MUSIC CALENDAR FOR 1962] Muzykal'nyi kalendar' na 1962 god. Moskva, Gos. muzykal'noe izd-vo, 1961. 255 p.

NOVIKOVA, M.I. [Theatrical Crimea; a sketch on theatrical art in Crimea] Krym teatral'nyi, ocherk o teatral'nom iskusstve Kryma. Simferopol', Krymizdat, 1961. 117 p.
(MH)

PERESTIANI, I.N. [Seventy-five years of my life given to art] 75 let zhizni v iskusstve. Moskva, Gos. izd-vo "Iskusstvo," 1962. 345 p. illus.

PROKOF'EV, S.S. [Reference guide to the composer's works] Notograficheskii spravochnik. Sost. S. Shlifshtein. Moskva, Sovetskii kompozitor, 1962. 167 p.

RACHUK, I.A. [The motion-picture poem "Tale of flaming years"] Kinopoema "Povest' plamennykh let." Moskva, Voen. izd-vo M-va oborony SSSR, 1962. 63 p. illus.

ROKHLIN, A.M., and V.V. SHASTIN [Television as an art] Televidenie kak iskusstvo. Moskva, Gos. izd-vo "Iskusstvo," 1962. 79 p.

RUDOL'F, L. [Exercises in piano harmony] Uprazhnenila po garmonii za fortep'iano. Baku, Azerbaidzhanskoe gos. muzykal'noe izd-vo, 1961. 50 p.

RUSSIA (1917- R.S.F.S.R.) Glavnoe upravlenie uchebnykh zavedenii i kadrov. [The classical dance; blended movements] Klassicheskii tanets; slitnye dvizhenila. Metodicheskoe posobie dlia prepodavatelei khoreograficheskikh uchilishch. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 54 p.

[RUSSIAN SONGS; a songbook] Russkie pesni; pesennik. Moskva, Sovetskii kompozitor, 1961. 64 p.

SIDEL'NIKOV, V.M., comp. [Russian folk songs; a bibliography, 1735-1946] Russkaia narodnaia pesnia; bibliograficheskii ukazatel', 1735-1945 gg. Moskva, Izd-vo Akad. nauk SSSR, 1962. 169 p.

SMIRNOV, B.F. [Art of the rural concertinist] Iskusstvo sel'skikh garmonistov. Pod obshchei red. S.V. Aksiuka. Moskva, Sovetskii kompozitor, 1962. 170 p.

TEMIRIAEV, D.I. Kosta Slanov. Ordzhonikidze, Severo-Osetinskoe knizhnoe izd-vo, 1960. 35 p. (Mastera stseny)
(MH)

TIKHOMIROV, G.V. [Instruments of the Russian folk orchestra] Instrumenty russkogo narodnogo orkestra. 2. izd., ispr. i dop. Moskva, Gos. muzykal'noe izd-vo, 1962. 110 p.

VAISFEL'D, I.V. [Skill of the scenarist] Masterstvo kino-dramaturga Moskva, Sovetskii pisatel', 1961 302 p.

VILENKIN, V.IA. Kachalov. Moskva, Izd-vo "Iskusstvo," 1962. 262 p.

VINOGRADOV, V.S. [Toktogul's musical legacy] Muzykal'noe nasledie Toktogula. Moskva, Muzgiz, 1961. 310 p.
(MH)

VLADIMIROV, V.N. [Conversations on music] Besedy o muzyke. [Kalinin] Kalininskoe knizhnoe izd-vo, 1961 106 p.

10. FINE ARTS

AKADEMIIA KHUDOZHESTV SSSR. Institut zhivopisi, skul'ptury i arkhitektury. [History of art of foreign countries] Istoriia iskusstva zarubezhnykh stran. Moskva, Izd-vo Akad. khudozh. SSSR
Vol 1 1961. 393 p.

ALMA-ATA, KAZAKHSTAN TSENTRAL'NYI GOSUDARSTVENNYI MUZEI KAZAKHSKOI SSR. [Kazakh folk ornament] Kazakhskii narodnyi ornament. Alma-Ata, Kazakhskoe gos. izd-vo khudozh. lit-ry, 1958. 96 p. of col. illus.
(WaU)

AZAMATOVA, M.Z., comp. [Adyge folk ornament] Adygeiskii narodnyi ornament. [Maikop, Adygeiskoe knizhnoe izd-vo, 1960] 7, 11 p. chiefly illus.
(MH)

BARSAMOV, N.S. Bogaevskii. Moskva, Iskusstvo, 1961. 53 p. 32 plates.
(MH)

BENIASH, R.M. Georgii Tovstonogov. [Leningrad, Iskusstvo, 1961] 160 p.
(MH)

BIDSTRUP, HERLUF. [Herluf Bidstrup; album of drawings and caricatures] Kherluf Bidstrup [Al'bom risunkov i karikatur. L'vov, Izd-vo L'vovskogo gos. univ., 1961] 1 v. (chiefly illus.)
(MH)

DRUZHININ, S.N. [V.I. Surikov's painting "Boiarynia Morozova."] Kartina V.I. Surikova "Boiarynia Morozova." "Avtor teksta i sostaviitel' S.M. Druzhinin. Moskva, Sovetskii khudozhnik, 1960. 22 p. (Sokrovishcha russkogo iskusstva)

IAVORSKAIA, N.V. [West European art of the 19th century] Zapadnoevropeiskoe iskusstvo XIX veka. Moskva, Izd-vo Akad. khudozh. SSSR, 1962 77 p.

KANGRO-POOL, RASMUS [Kristjan Raud, 1865-1943] Kristjan Raud, 1865-1943. Tallinn, Eesti NSV Kunst, 1961. 180 p. illus. [In Estonian with summary in Russian]

KOLOKOL'NIKOV, V.V., and others. [Drawing in normal schools; teachers' manual] Risovanie v pedagogicheskom uchilishche; posobie dlia prepodavatelei. Izd.2., ispr. i dop. Leningrad, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 255 p.

KOROVIN, K.A. Konstantin Alekseevich Korovin. [Sost. al'boma i avtor vstup. stat'i S. Druzhinin] Moskva, Gos. izd-vo izobraz. iskusstva, 1960. 1 v. (unpaged, chiefly illus.) (Text in Russian and French)
(RPB)

LENINGRAD. ERMITAZH. [Paintings] Zhivopis'. [Avtor al'boma: P.F. Gubchevskii] Moskva, Gos. izd-vo izobraz. iskus., 1960. [3] l., 50 col. plates.
(MiU)

LENINGRAD, GOSUDARSTVENNYI RUSSKII MUZEI. [Russian State Museum; an album of reproductions] Gosudarstvennyi russkii muzei; al'bom reproduktsii. Moskva, Gos. izd-vo izobraz. iskus., 1960. 1 v.
(NcU)

LEVIN, S.D., comp. [Youthful artist; yearbook for 1961] IUnyi khudozhnik; ezhegodnik 1961. Leningrad, Khudozhnik RSFSR, 1961. 210 p.

MOLEVA, N.M. Levitskii. Moskva, Iskusstvo, 1960. 49 p. plates.
(MH)

NESSEL'SHTRAUS, TS.G. [Albrecht Duerer, 1471-1528] Al'brekht Diurer, 1471-1528. Leningrad, Iskusstvo, 1961. 224 p.
(NN)

OGANESIAN, K. L. [Trdat, the architect] Zodchii Trdat Erevan, Izd-vo AN Armianskoi SSR, 1951 107 p. (NNC)

PETROV, V. N. Il'ii Alekseevich Vasnetsov. [Leningrad, Iskusstvo, 1961] 93 p. illus, plates. (MH)

PROKOF'EV, O. S. [Contemporary art of socialist countries in the Orient] Sovremennoe iskusstvo sotsialisticheskikh stran Vostoka. Moskva, Izd-vo Akad. khudozh. SSSR, 1961 67 p.

RAKOVA, M. M. A. Ivanov [Moskva] Iskusstvo, 1960. 50 p. (MIU)

ROSTOVTSEVA, G. A. Zinaida Vasil'evna Bazhenova. [Moskva] Sovetskii khudozhnik, 1961. 60 p. plates. (MH)

RUDENKO, S. I. [Art of the Altai and hither Asia; middle of the first millennium B. C.] Iskusstvo Altaia i Perednei Azii; seredina I tysiacheletiia do n. e. Moskva, Izd-vo vostochnoi lit-ry, 1961. 65 p. illus.

TSENTRAL'NYI DOM NARODNOGO TVORCHESTVA IM. N. K. KRUPSKOI. [Drawing and painting, a guide for amateur artists] Risunok i zhivopis'; rukovodstvo dlia samodeiatel'nykh khudozhnikov. Moskva, Gos. izd-vo "Iskusstvo" Vol. 1. 1961. 205 p., illus.

VOLOSHYN, I. I. [Beauty lives forever] Prekrasne zhyve vichno. Kyiv, Derzh. vyd-vo dytiachoi lit-ry URSR, 1961. 102 p.

11. LANGUAGE, LITERATURE & FOLKLORE

ABDULAEV, FATTAKH. [Khorezm dialects of the Uzbek language, Khorezmskie govory uzbekskogo iazyka. Tashkent, Akad. nauk Uzbekskoi SSR] 1961. 344 p. [In Uzbek] (MH)

ABILEV, DIKHAN. [Banner in the mountains, a novel in verse. Fate of a love; a poem. Translated from the Kazakh] Znamia v goraKh; roman v stikhakh. Sud'ba liubvi, poema. Alma-Ata, Kazakhskoe goslitizdat., 1961. 193 p. (MH)

AKADEMIIA NAUK SSSR. Institut mirovoi literatury. [From the history of 19th century literary ties] Iz istorii literaturnykh sviazei XIX veka. Moskva, Izd-vo Akad. nauk SSSR, 1962. 334 p.

AKADEMIIA NAUK SSSR. Institut russkogo iazyka. [Dictionary of the modern Russian literary language] Slovar' sovremennogo russkogo literaturnogo iazyka. Moskva, Izd-vo Akad. nauk SSSR. Vol. 10. R. 1961. 1075 columns.

AKADEMIIA NAUK SSSR. Institut russkogo iazyka. [Formation of the Eastern Slavic languages] Voprosy obrazovaniia vostochnoslavianskikh iazykov. Moskva, Izd-vo Akad. nauk SSSR, 1962. 143 p.

AKADEMIIA NAUK SSSR. Institut russkoi literatury. [Lay of the host of Igor, a literary landmark of the 12th century] Slovo o polku Igoreve - pamiatnik XII veka. Moskva, Izd-vo Akad. nauk SSSR, 1962. 431 p.

AKADEMIIA NAUK SSSR. Institut russkoi literatury. [Literary activities of M. V. Lomonosov] Literaturnoe tvorchestvo M. V. Lomonosova; issledovaniia i materialy. Moskva, Izd-vo Akad. nauk SSSR, 1962 317 p.

AKADEMIIA NAUK URSR, Kiev. Biblioteka, Lvov. [Myroslav Irchan, a bibliography] Myroslav Irchan; bibliograficheskii pokazhchik. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 149 p.

AKADEMIIA NAUK URSR, Kiev. Instytut movoznavstva. [Course on the history of the Ukrainian literary language] Kurs istorii ukrains'koi literaturnoi movy. Za red. I. K. Bilodid Kyiv, Vyd-vo Akad. URSR. Vol. 2. [Soviet period] Radians'kyi period. 1961. 415 p.

AKADEMIIA PEDAGOGICHESKIKH NAUK RSFSR, Moscow. Institut obshchego i politekhnicheskogo obrazovaniia. [Improving the teaching of literature in senior grades] Opyt sovershenstvovaniia prepodavaniia literatury v starshikh klassakh. Pod red. V. V. Golubkova. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1961. 162 p.

AKAEV, KUBANYCH. [Love and the end; verse. Translated from the Kirghiz] Liubov' i finish, stikhi i poemy. Frunze, Kirgizskoe gos. izd-vo, 1960. 179 p.

AKOPIAN, AKOP [Verse] Stikhotvoreniia i poemy Vstup. stat'ia, podgotovka teksta i primechaniia A. Salakhiana. Leningrad, Sovetskii pisatel', 1961. 266 p. (Biblioteka poeta. Malaia seriia. Izd 3.)

ALEKSANDROV, G. M. [Secret of magic glasses] Taina volshebnykh ochkov. Moskva, Izd-vo "Znanie," 1961. 90 p. (Prochti, tovarishch!)

APOSTOLOV, V. V. [The Ukrainian press in the struggle for the collectivization of agriculture, 1930-1932] Presa Ukrainy v borot'bi za kolektyvizatsiiu sil's'koho hospodarstva, 1930-1932 roky. Kyiv, Vyshcha partiina shkola pry TsK KP Ukrainy, 1961. 49 p.

ARGUS, M. K., and P. B. TAYLOR, eds. [America laughs, anthology of American humor Translated from the English] Amerika smeetsia, antologiia amerikanskogo iumora New York, Izd-vo "Chaika," [1962] 170 p.

ASEEV, N. N. [My favorite poems] Samye moi stikhi Moskva, Izd-vo "Pravda," 1962. 29 p. (Biblioteka "Ogonek," no. 12)

AVAKIAN, MAIA [Language and style of the works of Nairi Zarian] IAzyk i stil' tvorchestva Nairi Zarlana. Erevan, Armianskoe gos. izd-vo, 1961. 226 p. [In Armenian] (MH)

[AZERBAIJANI FOLK POETRY. Azerbaidzhanskie narodnye dastany]. Baku, Azerbaichan dovlet neshriiaty. [In Azerbaijani] Pt. 2. 1961. 302 p.

BABLIAK, V. S. [Chronicle of a hilly field, stories] Litopys horbatoi nyvy, opovidannia Kyiv, Radians'kyi pys'mennyk, 1961. 140 p. (MH)

BAIGABYLOV, TALANT. [Zhashyl-Sai; a tale] Zhashyl-Sai, povest'. Frunze, Kyrgyz mamlekettik basmasy, 1961. 175 p [In Kirghiz]

BAKHMUTOVA, E. A. [Speech culture: 1. Orthoepy. 2. Lexical standards] Kul'tura rechi: 1. Orfoepiia. 2. Leksicheskie normy, uchebnoe posobie, [Kazan'] Izd-vo Kazanskogo univ., 1960. 57 p. (MH)

BAKU. AZERBAIDZHANSKII GOSUDARSTVENNYI UNIVERSITET. [The modern Azerbaijani language, syntax] Sovremennyi azerbaidzhanskii iazyk, sintaksis. Baku, Izd-vo AGU, 1959. 453 p

BALIASNA, R. N. [My youth; verse. Translated from the Yiddish] IUn' moia; poezii. Kyiv, Radians'kyi pys'mennyk, 1961. 104 p. (MH)

BEITINA, M., and others. [Style manual of the Latvian language; materials for teachers of the Latvian language] Latviesu valodas stilu maciba, materiali latviesu valodas skolotajiem. Riga, Latvijas Valsts Izdevnieciba, 1961. 157 p [In Latvian]

BERKHINA, A. IA., and others. [German language textbook] Uchebnik nemetskogo iazyka. Moskva, Vneshtorgizdat. Pt. 3. 1961. 462 p.

BESPOSHCHADNYI, P. G. [Open spaces of the Donets Basin, verse and a poem] Donetskie prostory, stikhi i poema. Moskva, Sovetskii pisatel', 1961. 218 p. (MH)

BEVZENKO, S. P. [Historical morphology of the Ukrainian language; studies on word change and word formation] Istorychna morfolohiia ukrains'koi movy, narysy iz slovozminy ta slovotvoru. Uzhhorod, Zakarpats'ke obl. vyd-vo, 1960. 415 p. (MH)

BIELIAUSKAS, ANTANAS. [Unfinished portrait; a play in 4 acts and 5 scenes] Nebaigtas portretas, 4 veiksmu 5 paveikslu drama. Vilnius, Valstybine grozines literaturos leidykla, 1961. 114 p. [In Lithuanian]

BLAGOI, D. D. [Laws of the formation of the new Russian literature] Zakonomernosti stanovleniia novoi russkoi literatury. Moskva, 1958. 108 p. (IV Mezhdunarodnyi s"ezd slavistov. Doklady) (NNC)

BOIKO, M. F. [Word index for the dramatic works of Lesia Ukrainka] Slovopokazhchyk dramatychnykh tvoriv Lesi Ukrainky. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 92 p.

BOSAKOV, ZHAMAL. [Stories] Hekaiiler. Almuta, Kazakstan dölet gözel edebiiat nöshriiati, 1960. 132 p. [In Uigur]

BUDAGOV, L. Z., comp. [Comparative dictionary of Turkish-Tatar dialects including the most Arabic and Persian words in Russian translation] Sravnitel'nyi slovar' turetsko-tatarskikh narechii, so vkliucheniem upotrebitel'neishikh slov arabskikh i persidskikh s perevodom na russkii iazyk. Sankipeterburg, Tipografiia Imperatorskoi Akademii nauk, 1869 [Moskva, Izd-vo vostochnoi lit-ry, 1960] 2 v.

[BURMESE TALES] Birma zhomoktoru Frunze, Kyrgyz mamlekettik okuu-pedagogika basmasy, 1960. 57 p. [In Kirghiz]

CHEKHOV, A. P. [Book of complaints] Zhalobnaia kniga. Leningrad, "Khudozhnik RSFSR," 1960. 25, 9 p. (RPB)

CHEPASOVA, A. M [Collection of problems and exercises on the syntax of the present-day Russian language] Sbornik zadach i uprazhnenii po sintaksisu sovremennogo russkogo iazyka. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 268 p.

CHERKASHINA, L. E. [Thoughts on man; tales] Duma o cheloveke, povesti. Stalino, Knizhnoe izd-vo, 1961, 160 p.

[COLLECTED CRITICAL ARTICLES] Adabii syn makalalar (zhyinak). Tuzgon K. Bobulov. Frunze, Kyrgyz mamlekettik basmasy, 1960 213 p [In Kirghiz]

[CONCISE GERMAN-RUSSIAN AND RUSSIAN-GERMAN DICTIONARY] Kratkii nemetsko-russkii i russko-nemetskii slovar' Sost. O. D. Lipshits i A. B. Lokhovits. Izd. 10., ispr. i dop Moskva, Gos. izd-vo inostr. i natsional'nykh slovarei, 1960 576 p.

DAIREDZHIEV, B. L [On the novel "And quiet flows the Don."] O "Tikhom Done." Moskva, Sovetskii pisatel', 1962 290 p

DANTE, ALIGHIERI. [The divine comedy, Hell. Translated from the Italian] Bozhestvennaia komedila, Ad. Paris, YMCA-Press [1961] 337 p. (CaOTU)

DUBOV, N. I. [Hard test; a tale] Zhestkaia proba, povest'. Moskva, Sovetskii pisatel', 1961 180 p. (MH)

DYGAT, STANISLAW. [The employee's revenge] Kasutuse kättemaks. Tallinn, Ajalehtede ajakirjade kirjastus, 1962. 47 p. ("Loominga" raamatukogu, no. 5(221)) [In Estonian]

DZHULABASHVILI, LEONARD. [I. Vazov and Bulgarian - Georgian cultural relations I Vazov i bolgaro-gruzinskie kul'turnye sviazi. Tbilisi, Sabchota Sakartvelo] 1961 76 p. [In Georgian] (MH)

EFENDIEV, IL'IAS. [Willows alongside an irrigation ditch, tales Translated from the Azerbaijani] Ivy nad arykom, povesti. Moskva, Sovetskii pisatel', 1961 262 p (MH)

[ELOCUTIONIST AND RECITER] Chtets deklamator. New York, Izd-vo N. N. Mart'lanova [1961?] 462 p. (CtY)

EMEL'IANOVA, N. A. [Life, sketches and stories] Zhizn'; ocherki i rasskazy. Moskva, Sovetskii pisatel', 1961. 417 p. (MH)

FEDOROV, A. A. [Works of Kellermann] Tvorchestvo Kellermana. [Moskva] Izd-vo Mosk. univ., 1961. 41 p.

FEIGIN, E. A. [Soldier, son of a soldier; a tale] Soldat, syn soldata; povest', Tbilisi, Izd-vo Soiuza pisatelei Gruzii "Zaria Vostoka," 1960. 221 p.

FENG, TE-YING. [Jasmine; a novel Translated from the Chinese] Zhasmin, roman. Moskva, Izd-vo inostr lit-ry, 1961. 694 p (MH)

FETISOV, M. I. [Beginnings of Kazakh journalism] Zarozhdenie kazakhskoi publitsistiki. Alma-Ata, Kazakhskoe Goslitizdat., 1961. 437 p. (MH)

FIGUROVSKII, I. A. [Syntax of texts in their entirety and written compositions of students] Sintaksis tselogo teksta i uchenicheskie pis'mennye raboty. Moskva, Gos uchebno-pedagog izd-vo M-va prosv. RSFSR, 1961 170 p.

[FINNISH-RUSSIAN POCKET DICTIONARY] Karmannyi finsko-russkii slovar' Sostavil IU. S. Eliseev Svyshe 7000 slov. Moskva, Gos. izd-vo inostr. i natsional'nykh slovarei, 1961. 323 p.

640080 O - 62 - 2

FORSH, O. D. [Historical novels] Istoricheskie romany Moskva, Gos. izd-vo khudozh. lit-ry, 1957. 737 p. (LU)

GOLI'NISHCHEV-KUTUZOV, I. N. [The Italian Renaissance and Slavic literature] Ital'ianskoe Vozrozhdenie i slavianskie literatury. Moskva, 1958. 28 p. (Mezhdunarodnyi s"ezd slavistov. Doklady) (NNC)

GOZALISHVILI, SHALVA. [Irodion Evdoshvili; monografiia. Tbilisi, Sabchota Sakartvelo] 1961. 140 p. [In Georgian]

GRABOWSKI, JAN. [Capricious fly. Translated from the Polish] Mukha s kaprizami. Moskva, Gos. izd-vo detskoi lit-ry, 1959. 254 p. (OCI)

GRIBACHEV, N. M. [America, America. , a poem] Amerika, Amerika . . ., poema. Moskva, Sovetskii pisatel', 1961. 28 p. (CU)

GULIA, D. I. [Kamachich, a novel. Translated from the Abkhazian] Kamachich, roman. Moskva, Goslitizdat, 1961. 207 p. (Biblioteka sovetskoi prozy) (MH)

GULIA, G. D. [Chestnut house, a tale. Alol'! Alol'! Alol'!, and other stories] Kashtanovyi dom; povest'. Alol'! Alol'! Alol'! i drugie rasskazy. Moskva, Sovetskii pisatel', 1961. 202 p. (MH)

GURA, V. V. [Life and works of M. A. Sholokhov] Zhizn' i tvorchestvo M. A. Sholokhova. Izd. 2., ispr. i dop. Moskva, Gos. uchebno-pedagog. izd-vo, 1960. 171 p. (WU)

ERASYMENKO, IU. R. [Land of our fathers] Zemlia ottsov, stikhi. Moskva, Molodaia gvardiia, 1960. 95 p. (MH)

[HISTORY OF FOREIGN LITERATURE OF THE 19th CENTURY] Istoriia zarubezhnoi literatury XIX veka. [By] M. E. Elizarova i dr. Izd. 2. Moskva, Uchpedgiz, 1961. 615 p.

HOLOVKO, A. V. [Artem Harmash, a novel] Artem Harmash, roman. Kyiv, Radians'kyi pys'mennyk, 1960. 2 v. in 1. (494 p.) (CaOTU)

HOMEROS [The Iliad] Ilias. Tallinn, Eesti riiklik kirjastus, 1960. 449 p. [In Estonian]

HUREIV, OLEKSA [Through the snowdrift, a story] Cherez zamety, opovidannia. Kyiv, Radians'kyi pys'mennyk, 1961. 116 p. (MH)

IAKOVLEV, G. P. [Comrade magistrate examiner] Tovarishch sledovatel'. Moskva, Gos. izd-vo jurid. lit-ry, 1961. 54 p. (Iz zala suda)

IANKO, M. D. [Literature of the Urals] Literaturnoe Zaural'e. Kurgan, Sovetskoe Zaural'e, 1960. 184 p. (MH)

IARKHO, V. N. [The Latin language] Latinskii iazyk; uchebnik dlia fakul'tetov inostrannykh iazykov pedagogicheskikh institutov. Pod obshchei red. V. N. IArkho i V. L. Lobody. Moskva, Uchpedgiz, 1961. 373 p. (CLU)

INDRANE, ILZA. [Small sparks; stories. Translated from the Latvian] Iskorki, rasskazy. Riga, Latviiskoe gos. izd-vo, 1961. 211 p. (MH)

ISKANDEROV, I. [Inspiration; verse] Hatat ilhamliri. Almuta, Kazakstan dolet gozet edebiiat neshriiati, 1961. 61 p. [In Uigur]

IVANOV, B. S. [Textbook of the Hungarian language] Uchebnik vengerskogo iazyka. Moskva, Izd-vo lit-ry na inostr. iazykakh, 1961. 345 p.

IVANOVA, R. A. [The party and the Soviet press during the years of the second five-year plan, 1933-1937] Partiinaia i sovetskaia pechat' v gody vtoroi piatiletki, 1933-1937; lektsiia. [Moskva] Izd-vo Mosk. gos. univ., 1961. 73 p.

JONYNAS, A., and J. POZERA. [You are my lifeblood] Tu - mano kraujas gyvas. Vilnius, Valstybine grozines literaturos leidykla, 1961. 177 p. [In Lithuanian]

KAAL, AIRA. [Selected verse] Valitud luuletuses. Tallinn, Eesti riiklik kirjastus, 1961. 216 p. [In Estonian]

KACHAEV, V. S. [Earth's yearning, verse] Zemnaia tiaga, stikhi. Tashkent, Goslitizdat UzSSR, 1960. 63 p. (Pervaia kniga avtora)
(MH)

KAMBULOV, NIKOLAI. [Underground garrison, a tale] Podzemnyi garnizon, povest'. Moskva, Voen. izd-vo M-va oborony SSSR, 1962. 256 p.

KESAMAA, MANIVALD. [Mothers and sons] Emad ja pojad. Tallinn, Eesti riiklik kirjastus, 1961. 91 p. [In Estonian]

KESHOKOV, A. P. [Wonderful moment, a novel. Translated from the Kabardian] Chudesnoe mgnovenie, roman. Moskva, Sovetskii pisatel', 1961. 534 p. (MH)

KHMELEVA, V. Antonina Zhandarova. [Moskva] 1953 (Molodye stroiteli kommunizma) (NRU)

KHORUNZHYI, ANATOLII. [Unfinished flight, a tale] Neokonchennyi polet, povest'. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 142 p.

KHROPKO, P. P. [Ivan Petrovych Kotliarevs'kyi, a literary portrait] Ivan Petrovych Kotliarevs'kyi, literaturnyi portret. Kyiv, Derzh. vyd-vo khudozh. lit-ry, 1958. 92 p. (CoU)

KHUDASH, M. L. [Vocabulary of Ukrainian official documents at the end of the 16th and beginning of the 17th century, from materials of the Lvov Greek Orthodox Fraternity] Leksyka ukrains'kykh dilovykh dokumentiv kintsia XVI-pochatku XVII st., na materialakh L'vivs'koho Stavropigis'koho bratstva. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 161 p.

KIM, SO-WOL. [Alpine rose. Translated from the Korean] TSvetok bagul'nika. Moskva, Izd-vo vostochnoi lit-ry, 1962. 130 p.

KOLIADICH, M. V., comp. [On literature] O literature, sbornik dokumentov. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 252 p.

KOLIBRI, A. [All's well in our motherland, satire] Khorosho v kraiu rodnom, satiry. Buenos Aires, Selatel', 1956. 54 p. (CLU)

KOLUMB, V. KH. [Living water, verse. Translated from the Mari] Zhivaia voda, stikhi. Moskva, Sovetskii pisatel', 1961. 66 p. (MH)

KONETSKII, V. V. [Tomorrow's cares; a tale] Zavtrashnie zaboty, povest'. Leningrad, Sovetskii pisatel', 1961. 169 p. (MH)

KONOVALOV, G. I. [The university. Beacon on the steppes, novels] Universitet. Stepnoi maiak; romany. Moskva, Sovetskii pisatel', 1961. 607 p. (WU)

KORENEV, A. K. [Shores, verse] Berega; stikhi. Moskva, *Sovetskii pisatel', 1961.* 120 p. (MH)

KOZACHENKO, V. P. [Hot hands, a tale] Harjachi ruky, povist'. Kyiv, "Molod'," 1960. 247 p. (CaAEU)

KOZHEVNIKOV, A. V. [Living water; a novel] Zhivaia voda; roman. Moskva, Gos. izd-vo khudozh. lit-ry, 1961. 473 p. (Biblioteka sovetskoi prozy) (CoU)

KRASNOV, A. M. [Blue Russia, verse] Goluboia Rossiia; stikhi. [Kaliningrad] Kaliningradskoe knizhnoe izd-vo, 1961. 78 p. (MH)

KREUTZWALD, FR. R., comp. [Kalevipoeg; Estonian national epos] Kalevipoeg; eesti rahva eepos. Tallinn, Eesti Riiklik kirjastus, [1960] 375 p. [In Estonian]

KRUTILIN, S. A. [Beyond the bend; sketches] Za povorotom; ocherki. Moskva, Sovetskii pisatel', 1961. 277 p. (MH)

KRUUS, OSKAR. Jakob Mandmets. Tallinn, Eesti riiklik kirjastus, 1961. 90 p. [In Estonian]

KUNOV, S., comp. [Kuban dawns; a collection of works by writers of Karachai-Cherkessia] Zori Kubani; sbornik proizvedenii pisatelei Karachaevo-Cherkesii. Cherkessk, Karachaevo-cherkesskoe knizhnoe izd-vo, 1961. 140 p. (NNC)

KUZNETSOV, V. N. [Cedars on cliffs, verse] Kedry na skalakh, stikhi. [Magadan] Magadanskoe knizhnoe izd-vo, 1961. 108 p. (MH)

LAHT', UNO. [A bird's nest in a steel helmet] Linnupesa teraskiivris. Tallinn, Eesti riiklik kirjastus, 1961. 100 p. [In Estonian]

LAICENS, LINARDS. [With a stone into the window, selected works. Translated from the Latvian] Kamnem v okno, izbrannye proizvedeniia. Moskva, Goslitizdat, 1961. 486 p. (MH)

LANKAUSKAS, ROMUALDAS. [When the trumpet has become silent] Kai nutyla trompetas. Vilnius, Valstybine grozines literaturos leidykla, 1961. 175 p. [In Lithuanian]

LASHKOV, I. V. [Difficult raid; verse] Trudnyi pokhod, stikhi. Moskva, Voen. izd-vo M-va oborony SSSR, 1962. 103 p.

LATVIJAS PADOMJU SOCIALISTISKAS REPUBLIKAS ZINATNU AKADEMIJA. Valodas un literatūras institūts. [Latvian folk tales. Translated from the Latvian] Latyshskie narodnye skazki. Riga, Izd-vo Akad. nauk Latvilskoi SSR, 1959. 526 p. (CSt)

LAZORS'KYI, MYKOLA. [Hetman Kyryla Rozumovs'kyi, a novel of the 18th century] Het'man kyrylo Rozumovs'kyi; roman knyzhka 18 viku. Munich, "Dniprova khvylia," 1961. 752 p. (CtY)

LE, IVAN, pseud. [Forgotten mine, a tale] Zabuta shakhta; opovidannia. Kyiv, Derzhlitvydav, 1961. 31 p. (MH)

LERMONTOV, M. IU. [A hero of our times] Geroi nashego vremeni. Izdanie podgotovili B. M. Eikhenbaum i E. E. Naidich. Moskva, Izd-vo Akad. nauk SSSR, 1962. 226 p.

LEVINA, R. S. [Uitu, son of Barga, a novel] Uitu, syn Bargi; roman. Moskva, Sovetskii pisatel', 1961. 514 p.

LEZHNEV, I. G. [Selected articles] Izbrannye stati. Moskva, Gos. izd-vo khudozh. lit-ry, 1960. 424 p. (WU)

[LIGHT OF LENIN, verse on Lenin] Lenin zhoruktary. Lenin zhomundogu yrlar. Frunze, Kyrgyzstan mamlekettik basmasy, 1960. 282 p. [In Kirghiz]

[LITERARY CHRESTOMATHY ON THE HISTORY OF THE U. S. S. R.] Literaturna khrestomatiia z istorii SRSR. Uporiadkuvaly V. P. Myrnyi i M. M. Dribnyi. Kyiv, Radians'ka shkola.
Vol. I. [From earliest times to the end of the 16th century] Z naidavnishykh chasiv do kintsia XVII st. 1960.
(NNC)

[LITHUANIAN-ENGLISH CONVERSATIONS] Lietuvių-anglu pasikalbejimu knygele. Sudare V. Barzdynas, Antras leidimas, pataisytas ir papildytas. Vilnius, Valstybine politines ir moksliines literaturos leidykla, 1961. 327 p.

LITVIN, A. L. [The periodical "Klich" in 1917] Zhurnal Klich [1917 g.]. Kazan', 1959. 12 p. (Gosudarstvennyi muzei Tatarskoi ASSR. Eksponaty muzeia) (MH)

LOBANOV, M. P., and P. I. PAVLOVSKII, comps. [Craftsmanship of the writer] Masterstvo pisatelia, sbornik statei. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 242 p.

LOHVYNENKO, V. A. [Sevastopol poppies; a tale and 4 stories] Sevastopol'skie maki; povest' i rasskazy. Moskva, Voen. izd-vo M-va oborony SSSR, 1962. 120 p. (Biblioteka soldata i matrosa)

LOTOTS'KYI, ANTIN. [Priest's daughter from Vadurieva, a historical tale] Vedmedivs'ka popivna; istorychne opovidannia. Fel'dkirch, Zahravu, 1946. 24 p.
(OCI)

LUHOVYI, OLEKSANDER. [Homeless (Children of the steppe); a tale from the life of Ukrainians in Canada in two parts] Bezkhatnyi (Dity stepu); povist' z zhyttia ukraintsiv v Kanadi u dvokh chastynakh. Edmonton, Alta, Alberta Printing Co., 1946. 297 p.
(CtY)

LYSTSOV, I. V. [Good clouds] Dobryo oblaka. [Lipetsk] Lipetskoe knizhnoe izd-vo, 1961. 30 p.
(MH)

MAKHMUDOV, KH., G. MUSABAEV, and T. KORDABAEV, comps. [Russian-Kazakh dictionary for Kazakh eight-year and secondary schools] Shkol'nyi russko-kazakhskii slovar' dlia vos'miletnei i srednei kazakhskoi shkoly. 16,000 slov. Pod red. Kh. Kh. Makhmudova. Alma-Ata, Kazakhskoe gos. uchebno-pedagog. izd-vo, 1960. 475 p.

MASHKOVTSEV, V. I. [Youth, verse] Molodost', stikhi. [Chelliabinsk] Chelliabinskoe knizhnoe izd-vo, 1960. 46 p.
(MH)

MATVEEV-SIBIRIAK, V. V. [Escaped prisoners] Begletsy. [Khar'kov] Khar'kovskoe knizhnoe izd-vo, 1961. 166 p.

MERKULOV, A. G. [Wings of earth, a book of stories] Kryl'ia zemli; kniga rasskazov. [Moskva] Molodaia gvardiia, 1960. 253 p.
(KU)

MERKUR'EV, I. S. [Murmansk dialect, phonetics and vocalism] Murmanskii govor, fonetika, vokalizm. Pod red. L. I. Zhitenevoi. Murmansk, Murmanskii gos. pedagog. in-t, 1960. 33 p.
(MH)

MESHCHERSKII, N. A. [Significance of Old Slavic translations for the reconstruction of their archetypes, based on the material of the Old Russian translation of Flavius Josephus' "History of the Jewish War."] Znachenie drevneslavianskikh perevodov dlia vosstanovleniia ikh arkhetipov, na materiale drevnerusskogo perevoda "Istorii IUdeiskoi voiny" Iosifa Flavita. Moskva, 1958. 41 p. (IV Mezhdunarodnyi s"ezd slavistov. Doklady)
(NNC)

MEZHRESPUBLIKANSKOE SOVESHCHANIE PO PEREVODU LITERATURY S RUSSKOGO NA IAZYKI NARODOV SREDNEI AZII, KAZAKHSTANA I AZERBAIDZANA, Alma-Ata, 1958. [Materials of the Regional Conference on the Translation of Literature from the Russian to Languages of the Peoples of Central Asia, Kazakhstan, and Azerbaijan] Materialy regional'nogo soveshchaniia po perevodu literatury s russkogo na iazyki narodov Srednei Azii, Kazakhstana i Azerbaidzhana, 15-18 ianvaria 1958 goda. Alma-Ata, Kazakhskoe gos. izd-vo, 1960. 394 p.
(MH)

MOLCHANOV, I. N. [I travel in my beloved Russia, verse] Ia idu po liubimoi Rossii, stikhi. Moskva, Sovetskaia Rossiia, 1961. 254 p.
(MH)

NARIN'IANI, S. D. [Kukarecha, new satirical stories] Kukarecha; novye fel'etony. 2., dop. izd. Moskva, Sovetskii pisatel', 1961. 319 p.
(MH)

NEKRASOV, N. A. [Lyric poetry] Liricheskiia stikhotvoreniia. [New York, Russkoe literaturnoe izd-vo, n. d.] 110 p. (Nekrasovskaia biblioteka, no. 1)
MIEM

NEZVAL, VITEZSLAV. [Selected works. Translated from the Czech] Izbrannoe. [Moskva, Izd-vo inostr. lit-ry, 1960] 702 p.
(CLU)

NGUYEN-HUONG. [Woman thief; a novel. Translated from the Vietnamese] Vorovka, roman. Moskva, Goslitizdat, 1961. 174 p.
(CLU)

NIKIFOROV-VOLGIN, V. I. [Earth's name's day] Zemlia imeninnitsa. Tallinn, Russkaia kniga [Jordanville, Holy Trinity Monastery, 1960] 182 p.
(CLU)

NIKOLAEVSKAIA, E. M. [Colors, lyric poetry] Kraski; lirika. Moskva, Sovetskii pisatel', 1961. 111 p.
(MH)

NILIN, PAVEL. [Cruelty. Trial period, tales] Zestokost'. Ispytatel'nyi srok; povesti. Moskva, Gos. izd-vo khudozh. lit-ry, 1961. 374 p. (Biblioteka sovetskoi prozy)
(NN)

NIZHARADZE, SH. I. [The Upper Adzhar dialect of the Georgian language; studies and texts supplemented with vocabulary] Verkhneadzharskii dialekt gruzinskogo iazyka; issledovanie i teksty so slovarem. Batumi, Gos. izd-vo, 1961. 290 p. [In Georgian]

NOHIN, P. S. [Good, my son; a tale] Dobre, synku; povist'. Kyiv, Radians'kyi pys'mennyk, 1960. 130 p.
(NNC)

NUD'GA, N. A. [The parody in Ukrainian literature] Parodiia v ukrains'kii literaturi. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 172 p.

NURTAZIN, T. [The writer and life] Zhazushy zhene omir. Almaty, Kazaktyn memlekettik korkem edebiet baspasy, 1960. 370 p. [In Kazakh]

OBUKHOVA, L. A. [Splinter, pages of a Serdobol' chronicle] Zanoza, stranitsy serdobol'skoi khroniki. [Moskva] Molodaia gvardiia, 1961. 408 p.
(MH)

OLES', O., pseud. [From one block of ice to another] Vid l'odu do l'odu. Malliunky V. Paltavtsia. Kyiv, Derzh. vyd-vo dlitachoi lit-ry URSR, 1959. 33 p.
(MiD)

ORLOVA, A. M. [Assimilation of syntactic concepts by students] Usvoenie sintaksicheskikh poniatii uchaschimisia; ocherki. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1961. 322 p.

OROVETS'KYI, PAVLO. [Green flood] Zelena povin'. Kyiv, Radians'kyi pys'mennyk, 1961. 95 p. (Ukraina svohodni)
(MH)

ORZESZKOWA, ELIZA. [Argonauts. Translated from the Polish] Argonavty. Moskva, Gos. izd-vo khudozh. lit-ry, 1959. 245 p.
(CoU)

OTSUP, N. A. [Life and death; verse] Zhizn' i smert', stikhi. Parizh, 1961. 2 v.
(MH)

[OUR STREET, the Turkish novella of the 20th century] Nasha ulitsa, turetskaia novella XX veka. Moskva, Izd-vo Vostochnoi literatury, 1962. 335 p.

OVCHINNIKOVA, F. G. [Works of Thackeray] Tvorchestvo Tekkereia. Leningrad, Ob-vo po raspr. stranenii polit. i nauch. znanii RSFSR, 1961. 59 p.

PAL'MAN, V. I. [Aril substance, science fiction] Veshchestvo Aril', fantasticheskii roman. [Krasnodar] Krasnodarskoe knizhnoe izd-vo, 1961. 310 p.
(MH)

PAN'KEVYCH, IVAN. [Marginal notes in Transcarpathian-Ukrainian prayer books supplemented with four monasterial documents. Collected Transcarpathian-Ukrainian proverbs of Ivan IUhasevych from the year 1809] Pokraini zapysy na zakarpats'ko-ukrains'kykh tserkovnykh knyhakh z dodatkom 4 monastyrs'kykh hramot. Zbirka zakarpats'ko-ukrains'kykh narodnykh prypovidok Ivana IUhasevycha z r. 1809. Prague, Nakladem "Slovanskeho ustavu" v Praze, 1947. 69 p.

PARMUZIN, B. S. [Girl from old Bukhara, verse and poems] Devushka iz drevnei Bukhary; stikhi i poemy. Tashkent, Goslitizdat UzSSR, 1960. 77 p.
(MH)

PATRUS-KARPATS'KYI, A. M. [Beskyds, my delight, verse] Beskyde, vidrado moia; poezii. Kyiv, Radians'kyi pys'mennyk, 1961. 126 p.
(MH)

PIKUL', VALENTIN [Baiazet; a novel] Baiazet, roman. Leningrad, Sovetskii pisatel', 1961. 562 p.
(MH)

PISKUNOV, V. M. [IUrii Smolych, a critico-biographical sketch] IUrii Smolich; kritiko-biograficheskii ocherk. Moskva, Sovetskii pisatel', 1961. 202 p.

PLESHCHEEV, A. N. [Selected works; verse, prose] Izbrannoe; stikhotvoreniia, proza. Moskva, Goslitizdat, 1960. 686 p.
(CLU)

POLEVOI, B. N. [Meetings at the crossroads; sketches from nature] Vstrechi na perekrestkakh, nabroski s natury. Moskva, Sovetskii pisatel', 1961. 438 p.
(MH)

POLONSKII, L. V. [From the history of Nenets literature] Iz istorii nenetskoi literatury. [Tiumen'] Tiumenskoe knizhnoe izd-vo, 1961. 24 p.
(MH)

PULIN, V. I. [Affairs of the heart] Dela serdechnye. [Stalingrad] Stalingradskoe knizhnoe izd-vo, 1961. 59 p. (Bibliotechka korotkogo rasskaza)
(MH)

RAKHIM, IBRAGIM. [Khitoia; a tale. Translated from the Uzbek] Khitoia; povest'. Tashkent, Goslitizdat UzSSR, 1960. 130 p.
(MH)

RAU, E. F. [Inculcating correct pronunciation in children] Vospitanie pravil'nogo proiznoshenila u detei. Moskva, Medgiz, 1961. 33 p. (Sovety roditeliam)

REDZHEPOV, R. [Prewar Soviet Turkmen literature] Predvoennaia turkmenskaia sovetskaia literatura. Ashkhabad, Izd-vo Akad. nauk Turkmenskoi SSR, 1960. 130 p. [In Turkmen]

REGININA, K. V. [Reviewing orthography in the process of teaching syntax] Povtorenie orfografii v protsesse izucheniia sintaksisa. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1962. 103 p.

REMIZOV, A. M. [The dove book] Golubinaia kniga. Hamburg, Rodnik, 1946. 36 p.
(CU)

ROIZENBLIT, E. B. [Methodological instructions for the grade 6 French language textbook] Metodicheskie ukazaniia k uchebniku frantsuzskogo iazyka dlia VI klassa. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 113 p.

RYBAKOV, ANATOLII. [The dagger, Bronze bird] Kortik. Bronzovaia ptitsa. Moskva, [Gos. izd-vo detskoi lit-ry] 1958. 493 p. (Biblioteka priklliuchenii, no. 13)
(InU)

SAMOKHVALOV, N. I. [Rise of critical realism in the literature of the United States, 1830-1865] Vozniknovenie kriticheskogo realizma v literature SShA, 1830-1865. [Krasnodar] Krasnodarskoe knizhnoe izd-vo, 1961. 457 p.

SENGEE, DASHTSEVEGIIN. [Dove, verse. Translated from the Mongolian] Golub'; stikhi i poemy. Moskva, Goslitizdat, 1961. 94 p.
(MH)

SERGEEV, V. A. [Chukchi spring, verse] Chukotskaia vesna, stikhi. Moskva, Sovetskaia Rossiia, 1961. 79 p.
(MH)

SHADURA, V. O. [Vocabulary used by P. H. Tychyna] Leksyka movy P. H. Tychyny. Dnipropetrovs'k.
Vol. 1. [Word index for his works, 1910-1945] Slovopokazchyk do tvoriv 1910-1945 rr. 1960.
(MH)

SHASKOL'SKAIA, T. P. [A. S. Griboedov's comedy "Wit works woe"] Komediia A. S. Griboedova "Gore ot uma." Leningrad, Ob-vo po raspr. ostranenila polit. i nauch. znanii RSFSR, 1961. 59 p. (Serila "V pomoshch' uchashchimsia starshikh klassov")

SHELIAPIN, A. G. [Shower of golden grains] Dush zolotye rossypi. [Moskva] Mosk. rabochii, 1961. 89 p. (Zemlia Moskovskaia)

SHEVCHENKO, T. H. [The artist, a tale] Khudozhnik, povest'. Kiev, Izd-vo TsK LKSMU "Molod'," 1961. 114 p.

SHEVCHENKO, T. H. [Haidamaks, a poem] Gaidamaki; poema. [Moskva, Gos. izd-vo khudozh. lit-ry, 1961] 125 p.
(MiU)

SHISHKOV, V. IA. [Complete works in eight volumes] Sobranie sochinenii v vos'mi tomakh. Moskva, Gos. izd-vo khudozh. lit-ry, 1960-1961. 4 v.
(NjP)

SIBIRSKII, KONSTANTIN. [Black shadow over my sunny tomorrow; a novel] Chernaia ten' nad moim solnechnym zavtra; roman. [Munich, 1948] 126 p.
(MH)

SIKEMAE, ILMAR. [Facing the future, short stories] Naoga tuleviku poole; jutustusi. Tallinn, Eesti riiklik kirjastus, 1961. 300 p. [In Estonian]

SKACHKOV, I. S. [Sergeants] Serzhanty. Moskva, Voen. izd-vo M-va oborony SSSR, 1962. 51 p.

SMIRNITSKII, A. I. [Phonetics of the Old Icelandic language] Fonetika drevneislandskogo iazyka. Podgotovleno k pechati i otredaktirovano I. G. Vasil'evoi. [Moskva] Izd-vo Mosk. univ., 1961. 96 p.

SMIRNOVA, M. P. [Village evenings] Derevenskie vechera. [Penza] Penzenskoe knizhnoe izd-vo, 1960. 45 p.
(MH)

SMIRNOVA, V. V. [Arkadii Gaidar, a critico-biographical study] Arkadii Gaidar; kritiko-biograficheskii ocherk. Moskva, Sovetskii pisatel', 1961. 202 p.

SOKOL, E. P. [Life and works of Janis Plieksans] Zhizn' i tvorchestvo IAna Rainisa; literaturno-kriticheskii ocherk. Riga, Latviiskoe gos. izd-vo, 1957. 322 p.
(InU)

[SONGS OF STRUGGLE, current works of Uigur poets] Kuresh nakhshiliri, uigur shairlik inin poema ve sheirlar toplimi. Almuta, Kazakstan dolet gozel edebiiat neshriiati, 1960 203 p [In Uigur]

SOSNITSKAIA, M D., comp [Living word, a collection of belles-lettres] Zhivoe slovo, literaturno-khudozhestvennyi sbornik Moskva, Gos izd-vo detskoi lit-ry, 1960 542 p (Shkol'naia biblioteka)
(InU)

[SOVIET LITERATURE AND PROBLEMS OF LITERARY CRAFTSMANSHIP] Sovetskaia literatura i voprosy masterstva, sbornik statei [Moskva] Sovetskii pisatel', 1961 274 p

STEPLIUK, IA. N. [Steep mountain path, tales and stories] Krutyi plai, povesti ta opovidannia Kyiv, Derzhlitvydav, 1961. 295 p.
(MH)

STOWE, H E (BEECHER) [Uncle Tom's cabin Translated from the English] Khizhina diadi Toma [Orenburg] Orenburgskoe knizhnoe izd-vo, 1959. 418 p.
(C)

[STUDIES ON LOGIC AND GRAMMAR] Logiko-grammaticheskie ocherki Moskva, Gos. izd-vo "Vysshaia shkola," 1961 257 p

SYZDYKOVA, RABIGA [Guide to Kazakh orthography and punctuation] Kazak orfografiiasy men punktuatsiasy zhaiynda anyktagysh Almaty, Kazaktyn memlekettik oku-pedagogika baspasy, 1959 224 p. [In Kazakh]

'HYNS'KA, A F. [My land, my star, verse] Zemle moia, zore moia, poezii. Kyiv, Radians'kyi pys'mennyk, 1961. 85 p
(MH)

URKMEN FOLK SONGS Translated from the Turkmen] Turkmenskie narodnye pesni Ashkhabad Turkmenskoe gos izd-vo, 1961 116 p

YKHYI, NAUM [Acquaintance with Riaboshapka, a sketch] Znaiomstvo z Riaboshapkoiu, narys. Kyiv, Derzh vyd-vo khudozh. lit., 1961. 95 p. (Liudy i problemy semyrichky)

UKRAINKA, LESIA. [Selected works] Izbrannye proizvedeniia. Leningrad, Sovetskii pisatel', 1951 749 p. (Biblioteka poeta Bol'shaia seriia)
(OU)

UPITS, ANDREJS. [At the turn of the century. Translated from the Latvian] Na grani vekov. Moskva, Izd-vo "Izvestiia"
Books 3-4 1962 581 p.

UPITS, ANDREJS. [Problems of socialist realism in literature, three sketches 1945-1954] Voprosy sotsialisticheskogo realizma v literature; tri ocherka 1945-1954. Riga, Latvhskoe gos. izd-vo, 1959. 905 p.
(NcU)

USHAKOV, N. N. [Lyric poetry] Lirika Moskva, Gos. izd-vo khudozh lit-ry, 1961 398 p
(CtY)

USTINOVICH, N. S [White magnet] Belyi magnit Krasnoiarsk [Krasnoiarskoe knizhnoe izd-vo] 1960. 36 p. (Bibliotechka sibirskogo rasskaza, no. 2)
(MH)

USYCHENKO, IU. I. [Beyond the distant clouds, sea tales] Za dalekimi oblakami, morskie povesti Kiev. Radians'kii pis'mennik, 1961. 328 p.
(MH)

VACIETIS, OJARS [In the eyes of those days; a diary. Translated from the Latvian] Glazami teh dnei, pochti dnevnik Moskva, Sovetskii pisatel', 1961 213 p.
(MH)

VAKSBERG, A. I. [On New Year's Eve, from a lawyer's notes] V novogodniuiu noch'; iz zapisok advokata, Moskva, Izd-vo "Znanie," 1961. 73 p.

VARSHAVSKII, A., comp. [Golden lotus, a collection of science fiction] Zolotoi lotos; sbornik fantasticheskikh povestei i rasskazov. [Moskva] Molodaia gvardiia, 1961. 237 p.
(MH)

VASIL'EVA, M. M , and L N. GEVELING [Practical grammar of the German language] Prakticheskaia grammatika nemetskogo iazyka. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 253 p.

VERKHOVSKAIA, N. P. [Pushkin's haunts near Moscow] Pushkinskie mesta v Podmoskov'e, 2., dop. izd. [Moskva] Mosk. rabochii, 1962. 82 p.

VILDE, EDUARD [Messengers from Antja, a novel] Kui Antja mehed Tallinnas kaisid, romaan Tallinn, Eesti Riiklik Kirjastus, 1960 404 p. [In Estonian]

VINOGRADOV, B. S. [The Caucasus in L. N. Tolstoi's works] Kavkaz v tvorchestve L. N. Tolstogo. [Groznyi] Chechено-ingushskoe knizhnoe izd-vo, 1959. 236 p
(NNC)

VIRTA, NIKOLAI. [Our daily bread] Khleb nash nasushchnyi. Moskva, Gos. izd-vo kul'turno-prosv lit-ry, 1949. 70 p. (Bibliotechka "Khudozhestvennaia samodeiatel'nost', no. 10)

VISHNEVSKAIA, I. L. Boris Lavrenev. Moskva, Sovetskii pisatel', 1962. 282 p.

VOLKOV, A. I [Belgian press] Pechat' Bel'gii, lektsiia dlia studentov-zaochnikov fakul'teta zhurnalistiki MGU [Moskva] Izd-vo Mosk. univ , 1961. 37 p.

VOLOKHIN, G. N. [A road and people, sketches] Doroga i liudi, ocherki. Abakan, Khakasskoe knizhnoe izd-vo, 1961. 74 p.

VOVK, VIRA, pseud. [Stained glass windows, a novel] Vitrazhi, roman Rio de Janeiro, "Na hori," 1961. 47 p. (Seriia "Dlia amatoriv")
(CtY)

WECKSELL, J J. [Selected works. Translated from the Swedish] Izbrannoe. Moskva, Gos. izd-vo khudozh. lit-ry, 1960. 238 p
(KU)

WEERTH, GEORGE. [Selected works] Izbrannye proizvedeniia. Moskva, Gos. izd-vo khudozh. lit-ry, 1957. 2 v.
(WaU)

YOSHKAR-OLA, MARIISKII NAUCHNO-ISSLEDOVATEL'SKII INSTITUT IAZYKA, LITERATURY I ISTORII. [The modern Mari language, syntax of the complex sentence] Sovremennyi mariiskii iazyk, sintaksis slozhnogo predlozhenia. Ioshkar-Ola, Mariiskoe knizhnoe izd-vo, 1961. 150 p.

ZATONSKII, D. V [Twentieth century; notes on literary form in the West] Vek dvadtsatyi; zametki o literaturnoi forme na Zapade. [Kiev] Izd-vo Kievskogo univ., 1961. 257 p.
(RPB)

ZHANTUAROV, S. B. [Dawn on the steppes] Zaria nad step'iu. Alma-Ata, Kazakhskoe gos izd-vo khudozh lit-ry, 1959. 130 p.
(NNC)

ZHUKHOVITSKII, L. A. [Address on a book cover, stories] Adres na oblozhke, rasskazy. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 86 p. (Korotkie povesti i rasskazy)

ZOR'IAN, S. E. [Story of a life Translated from the Armenian] Istoriia odnoi zhizni. Moskva, Gos izd-vo khudozh. lit-ry, 1961. 389 p.
(MiU)

ZUBOV, IU. S , E. N KABALKINA, and A. A. KUNINA. [Books of Soviet writers, a recommended reading list] Knigi sovetskikh pisatelei, rekomendatel'nyi ukazatel' Moskva, Gos. biblioteka SSSR im. V. I Lenina
Vol 2. 1962. 142 p.

ZVANTSEV, SERGEI, pseud. [Golden grandmother, humorous stories and sketches] Zolotaia babushka; iumoristicheskie rasskazy i stsenki. [Rostov-na-Donu] Rostovskoe knizhnoe izd-vo, 1960. 170 p. [Authors' real name Shamkovich, A. I.]
(MH)

12. GEOGRAPHY & GEOLOGY

ABDULIN, A. A. [Tourmaline formations in the northeastern part of central Kazakhstan] Turmalinovye formatsii severo-vostoka TSentral'nogo Kazakhstana. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1961. 86 p.

AGAPOV, S. V., S. N. SOKOLOV, and D. I TIKHOMIROV. [Geographical dictionary] Geograficheskii slovar'. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961 155 p. (Biblioteka shkol'nika)

AKADEMIIA NAUK SSSR. Sovet po seismologii. [Apparatus and observation methods at seismic stations of the U. S. S. R.] Apparatura i metodika nabliudenii na seismicheskikh stantsiiakh SSSR. [By] V. T. Arkhangel'skii i dr. Moskva, Izd-vo Akad. nauk SSSR, 1962. 166 p.

AKHMEDSAFIN, U. M. [Methodology of drawing up forecasting maps, and survey of the artesian basins of Kazakhstan] Metodika sostavleniia kart prognoza i obzor artezianskikh basseinov Kazakhstana. Alma-Ata, Izd-vo Akad. nauk kazakhskoi SSR, 1961. 196 p.

[ALONG TOURISTS' PATHS] Po turistskim tropam. [Irkutsk] Irkutskoe knizhnoe izd-vo, 1961. 198 p.

ARSEN'EV, V. K. [In the thickets of the Ussuriisk territory] V debriakh Ussuriiskogo kraia. Vladivostok, Primorskoe knizhnoe izd-vo, 1961. 318 p

BASHKUEV, B. V., and R. F. TUGUTOV. [Aero , Buryatia, tourists' routes] Po Buriatii, turistskie marshruty. Ulan-Ude, Buriatskoe knizhnoe izd-vo, 1961. 86 p.
[MICROFILM]

BERKOVA, N. M. [Whither do tracks of legends lead us] Kuda vedut sledy legendy. Moskva, Izd-vo "Fizkul'tura i sport," 1962 92 p. (Po rodnym prostoram)

BREDS, ANDREJS, and KONSTANTINS SNIEGO [Geography of the Latvian S. S R , textbook for grade 9 of secondary schools] Latvijas PSR geografija, mācību gramata vidusskolu IX klasei. Rīga, Latvijas Valsts izdevniecība, 1959. 82 p. [In Latvian]

BULANOV, V. A. [Day begins here, sketches] Zdes' nachinaetsia den'; ocherki. [Magadan] Magadan. Gos knizhnoe izd-vo, 1961 112 p.

DIKHTIAREV, V. IA [For parents on children's tourism] Roditeliam o detskom turizme Moskva, Izd-vo APN pedagog. nauk RSFSR, 1961 64 p (Kniga dlia roditelei)

DORFMAN, M. D. [Mineralogy of pegmatites and weathering zones in Ijolite-nepheline rocks of Yukspor Mountains in the Khibiny massif] Mineralogiia pegmatitov i zon vyvetrivaniia v ijolit-urtitakh gory Iukspor Khibinskogo massiva. Moskva, Izd-vo Akad nauk SSSR, 1962 167 p.

GOROSHKOV, G. P , and A. F IAKUSHOVA. [General geology] Obshchaia geologiia. Izd. 2. [Moskva] Izd-vo Mosk. univ., 1962 563 p

[HYDROLOGICAL YEARBOOK] Gidrologicheskii ezhegodnik Leningrad Gidrometeoizd-vo.
1960 Vol. 6. [Basin of the Kara Sea (western part)] Bassein Karskogo moria (zapadnaia chast')
No 0-3. Pod red. E. P Shumova, 300 p.
1960. Vol. 2. [Basins of the Black and Azov Seas (excluding the Caucasus)] Basseiny Chernogo i Azovskogo morei (bez Kavkaza)
No. 4, 5 [Dnieper River basin below the Pripet River] Basseiny Dnepra nizhe r Pripiat'. Pod red. S. P Gorbatsevich i Z I Kuprianovoi 1961. 283 p.

[KIEV; guide and reference book] Kiev; putevoditel'-spravochnik. [Kiev] Gos. izd-vo polit. lit-ry URSR, 1962 349 p.

KLUZIL, [Clu] [Predilnlovie akademika Konstantina Daikovichu. Bucuresti, Izd vo "Meridiany," 1961 12 p. illus. (Gorodа i peizazhi Rumynii)

LAPKO, M. V., V A. RUFIN, and I. T. TVERDOKHLEBOV. [Crimean Province; geographical study] Krymskaia oblast', geograficheskii narys. Kyiv, Derzh. uchbovo-pedagog. vyd-vo "Radians'ka shkola," 1961. 138 p. (Oblasti Ukrains'koi RSR)
[MICROFILM]

MESHCHERIAKOV, B. M. [Korkino, city of coal miners] Korkino, gorod ugol'shchikov. [Cheliabinsk] Cheliabinskoe knizhnoe izd-vo, 1960. 46 p. (Goroda Cheliabinskoi oblasti)
(MH)

[MOSCOW, 1962; concise address and reference book as of January 1, 1962] Moskva, kratkaia adresno-spravochnaia kniga (1962). Po sostoianiiu na 1 ianvaria 1962 g. [Moskva] Mosk. rabochii, 1962. 492 p.

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT VODOSNABZHENIIA, KANALIZATSII, GIDROTEKHNICHESKIKH SOORUZHENII I INZHENERNOI GIDROGEOLOGII. [Methods of determining the filtration properties of rocks] Metody opredeleniia fil'tratsionnykh svoistv gornykh porod. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1962. 177 p.

MOSKVA. Moscow. [Red. L. Soshilina]. Moskva, Gos. izd-vo izobr. iskus., 1956. 163 p. of illus.
(NNC)

NIKOLAEV, N.G , and E V ISHKOVA [Local geography, teacher's manual] Kraevedenie, posobie dlia uchitelia Moskva, Gos uchebno-pedagog izd-vo M-va prosv RSFSR, 1961 138 p

NOZIKOV, N. [Russian round-the-world navigators] Russkie krugosvetnye moreplavateli Pod red. i s vstupit'nol stat'ei M A Sergeeva. Izd 2 Moskva, Voen. izd-vo M-va vooruzhennykh sil SSSR, 1947 294 p

OBELIENIUS, J [Along the Merkys River in south-eastern Lithuania, tour No 5] Merkiu per pietryciu Lietuva; maisrutas Nr. 5. Vilnius, Valstybine politines ir moksliines literatu os leidykla, 1961. 55 p. [In Lithuanian]

POPOV, G. I. [Apsheronian stage of Turkmenia] Apsheronskii iarus Turkmenii Ashkhabad, Izd-vo Akad nauk Turkmenskoi SSR, 1961 429 p.

REUT, V F. [Moscow-North Pole, traveler's notes] Moskva - Severnyi polius, putevye ocherki Moskva, Vses. uchebno-pedagog. Izd-vo Profizhizdat, 1961 150 p.

RUSSIA (1923- U. S. S. R.) Glavnoe upravlenie geodezii i kartografii. [Argentina, Paraguay, Uruguay, Chili, 1:5000 000] Paragvai, Argentina, Urugvai, Chili, 1:5 000 000. Moskva, Gos izd-vo geogr. lit-ry, 1961. ___ ___ ___[Text] 1961 36 p.

RUSSIA (1923- U. S. S. R.) Glavnoe upravlenie geodezii i kartografii. [Tunisia, 1:1 000 000] Tunis; 1:1 000 000. Moskva, Gos izd-vo geogr. lit-ry, 1962

___ ___ ___Utkin, G. N. [Text] 1962 15 p

SHCHERBAKOV, D. I. [The depths of the ocean] Puchiny okeana. Moskva, Izd-vo Akad. nauk SSSR, 1962. 117 p. (Nauchno-populiarnaia seriia)

SIES'IUN, N. [Lena River] Reka Lena. Munich, 1949. 108 p.

SILANT'EV, V. I. [The fog is clearing; a collection of sketches] Tuman rasseivaetsia; sbornik ocherkov. [Moskva] Molodaia gvardiia, 1961. 173 p. (MII)

SMIRNOV, S. S. [A trip to Cuba] Poezdka na Kubu, Moskva, Sovetskii pisatel', 1962. 246 p.

SOLOUKHIN, V. A. [Postcards from Vietnam] Otkrytki iz V'etnama. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1961. 126 p

TEBERDA, Stavropol', [Stavropol'skoe knizhnoe izd-vo] 1961 15 p. illus.

UKRAINSKOE GIDROGEOLOGICHESKOE SOVESHCHANIE. 1st. [Transactions of the 1st Ukrainian Hydrogeological Conference] Trudy. Kiev, Izd-vo Akad. nauk USSR.
Vol. 1. [Hydrogeology] Voprosy gidrogeologii. 1961. 463 p.

VALI, GABOR, and MARIA VERES, eds. [Hungary today] Segedtainshinia Vengriia. Budapest, Szikra, 1949. [6] p. illus.

[VIEWS OF SMOLENSK, an album] Vidy Smolenska [Al'bom] [Smolensk] Smolenskoe knizhnoe izd-vo, 1959. [2]p., 30 plates.
(IEN)

[VOLZHSKIY, A CITY OF HYDRAULIC ENGINEERS] Volzhskii - gorod gidrostroitelei. [Stalingrad] Stalingradskoe knizhnoe izd-vo, 1961. 40 p.
[MICROFILM]

[WHITE RUSSIA AS SEEN BY FOREIGN VISITORS] Belorussia - glazami zarubezhnykh gostei. Minsk, Gos. izd-vo BSSR, 1960. 74 p.
(CSt-H)

ZINGER, E. M. [On the glaciers of Novaya Zemlya; notes of a member of the expedition] Na lednikakh Novoi Zemli; zapiski uchastnika ekspeditsii. Moskva, Gos. izd-vo geogr. lit-ry, 1962. 157 p.

ZUL'FUGARLY, D. I. [Distribution of minor elements in caustobioliths, organisms, sedimentary rocks, and formation waters] Raspr ostranenie mikroelementov v kaustobiolitakh, organizmakh, osadochnykh porodakh i plastovykh vodakh. Baku, Izd-vo Azerbaidzhanskogo univ., 1960. 229 p.

13. SCIENCE

AIZENSHTAT, V.S , V. I KRYLOV, and A S METEL'SKII [Tables of numerical Laplace transformations and for the calculation of integrals of the form $\int x^{\alpha} e^{-x} f(x)\,dx$] Tablitsy dlia chislennogo preobrazovaniia Laplasa i vychisleniia integralov vida $\int x^{\alpha} e^{-x} f(x)\,dx$ Minsk, Izd-vo Akad nauk BSSR, 1962 375 p.

AKADEMIIA NAUK SSSR. Institut istorii estestvoznaniia i tekhniki. [Einstein and the development of physical and mathematical thought] Einshtein i razvitie fiziko-matematicheskoi mysli, sbornik statei. Moskva, Izd-vo Akad. nauk SSSR, 1962. 237 p.

AKADEMIIA NAUK SSSR. Institut istorii estestvoznaniia i tekhniki. [History of science and technology in the countries of the Orient] Iz istorii nauki i tekhniki v stranakh Vostoka; sbornik statei Moskva, Izd-vo vostochnoi lit-ry, 1960-61 2 v.
(NN)

AKADEMIIA NAUK SSSR Institut nauchnoi informatsii. [Manual on solubility] Spravochnik po rastvorimosti Moskva, Izd-vo Akad. nauk SSSR.
Vol 1 [Binary systems] Binarnye sistemy
Book 2. 1962 1059 p

AKADEMIIA NAUK SSSR. Laboratoriia lesovedeniia. [Physiology of woody plants; on the 90th birthday anniversary of L. A. Ivanov, Corresponding Member of the Academy of Sciences of the U. S. S. R.] Fiziologiia drevesnykh rastenii; k 90-letiiu so dnia rozhdeniia chlena-korrespondenta Akademii nauk SSSR L. A. Ivanova. Moskva, Izd-vo Akad. nauk SSSR, 1962. 204 p.

AKADEMIIA NAUK URSR, Kiev, Instytut zahal'noi ta neorganichnoi khimii. [Polarography of fused salts] Poliarografiia rasplavlennykh solei Kiev, Izd-vo Akad nauk USSR, 1962. 72 p.

ALEKHIN, V. V., L. V KUDRIASHOV, and V. S. GOVORUKHIN. [Plant geography and the principles of botany] Geografiia rastenii s osnovami botaniki. Izd. 2, Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 531 p.

ARIPOV, R. A., and others. [Charge-exchange in 7 to 8 Bev. π^--mesons on protons] O perezariadke π^--mezonov s energiei 7-8 Bev na protonakh. Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 7 p. [With summary in English]

BOGARIATSKII, B. A , and E. L. RUSKOL', eds. [Experimental investigation of space near the earth. Translated from the English] Eksperimental'noe issledovanie okolozemnogo kosmicheskogo prostranstva. Moskva, Izd-vo inostr lit-ry, 1961 277 p

BORISOV-POTOTSKII, S. A. [Qualitative semimicroanalysis, laboratory manual] Kachestvennyi polumikroanaliz, prakticum. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 251 p.

BULGAKOV, V. N. [Statics of toroidal shells] Statika toroidal'nykh obolochek. Kiev, Izd-vo Akad nauk USSR, 1962. 99 p.

CHEREMISINOV, N. A., L. I. BOEVA, and O. A. SEMIKHATOVA. [Practical training work in microbiology] Praktikum po mikrobiologii. Pod red. N. A. Cheremisinova. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 110 p.

CHERN, SHING-SHEN. [Complex manifolds Translated from the English] Kompleksnye mnogoobrazila. Pod red. I. I. Piatetskogo-Shapiro. Moskva, Izd-vo inostr. lit-ry, 239 p.
(RPB)

CHERNYKH, K. F. [Linear theory of shells] Lineinaia teoriia obolochek. [Leningrad] Izd-vo Leningr. univ.
Pt. 1. [General theory] Obshchaia teoriia, 1962. 273 p

CHERTKOV, I. N. [Experiment on polymers in secondary schools; handbook for teachers] Eksperiment po polimeram v srednei shkole, posobie dlia uchitelei. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 117 p.

DANYLEIKO, V. I. [Life under space-flight conditions] Zhytlia v umovakh kosmichnoho pol'otu Kyiv, Vyd-vo Akad. nauk URSR, 1961. 79 p.

DEMIDOVICH, B. P , I A MARON, and E. Z SHUVALOVA. [Numerical methods of analysis, approximation of functions, differential equations] Chislennye metody analiza, priblizhenie funktsii, differentsial'nye uravneniia Pod red B. P. Demidovicha. Moskva, Gos izd-vo fiziko-matem lit-ry, 1962 367 p

DEMINA, N V , and others. [Nonobservable region in the dispersion relations for photoproduction] O nenabliudaemoi oblasti v dispersionnykh sootnosheniiakh dlia fotorozhdeniia Dubna, Ob"edinennyi in-t iadernykh issl., 1962 14 p [With summary in English]

DONETS, E. D , and others [Study of the nuclear reaction Th^{232}_{90} (Ne^{22}_{10}, 4n) Fm^{250}_{100}] Izuchenie iadernoi reaktsii Th^{232}_{90} (Ne^{22}_{10}, 4n) Fm^{250}_{100}. Dubna, Ob"edinennyi in-t iadernykh issl , 1962 10 p. [With summary in English]

DUNAITSEV, A. F., and others [Detection of charge-exchange in stopped π^--mesons on nuclei of bound hydrogen] Obnaruzhenie perezariadki ostanovivshikhsia π^--mezonov na iadrakh sviazannogo vodoroda Dubna, Ob"edinennyi in-t iadernykh issl , 1962 4 p

DUNAITSEV, A F., and others. [Probability of the decays $\pi^+ \to \pi^0 + e^+ + \nu$ and $\pi^+ \to \gamma + e^+ + \nu$] O veroiatnosti raspadov $\pi^+ \to \pi^0 + e^+ + \nu$ i $\pi^+ \to \gamma + e^+ + \nu$ Dubna, Ob"edinennyi in-t iadernykh issl , 1962. 6 p [With summary in English]

DUNAITSEV, A. F , and others [Testing the conservation of vector current] Proverka sokhraneniia vektornogo toka Dubna, Ob"edinennyi in-t iadernykh issl , 1962. 6 p [With summary in English]

EESTI NSV TEADUSTE AKADEEMIA. Geoloogia Instituut. [Protection of nonliving nature] Eluta looduse kaitse. Tallinn, 1958. 89 p illus. (TKN, no. 276) [In Estonian with summaries in German and Russian]
(DSI)

FOMINA, E. N [In spaces of the universe, list of popular science literature on astronomy] V prostorakh vselennoi, ukazatel' nauchno-populiarnoi literatury po astronomii Izd 3 , dop. i pererab Moskva, Gos bibliioteka SSSR im. V. I. Lenina, 1962 51 p. (Knigi o prirode i ee zakonakh)

GNEDENKO, B. V., and A. IA. KHINCHIN. [Elementary introduction into the probability theory] Elementarnoe vvedenie v teoriiu veroiatnostei. Izd. 5, Moskva, Gos. izd-vo fiziko-matem lit-ry, 1961. 143 p.

GOL'DIN, L. L , S. V. SKACHKOV, and K. N. SHORIN. [Magnetic measurements in charged particle accelerators] Magnitnye izmereniia v uskoritelliakh zariazhennykh chastits Moskva, Gosatomizdat, 1962 55 p

IODKO, G. B. [Along forest paths, on the work of an antiepidemic expedition in Siberia] Lesnymi tropami, o rabote protivoepidemicheskikh ekspeditsii v Sibiri. Moskva, Medgiz, 1962. 130 p. (Nauchno-populiarnaia meditsinskaia literatura)

IUDOVICH, A. B. [Under salt in the 20th century; voyage of the schooner "Zaria."] Pod parusami v XX veke; plavanie shkuny "Zaria." Moskva, Gos. izd-vo geogr lit-ry, 1960 174 p.

KARAPETIAN, S. K [Role of light in the physiological stimulation of the animal organism] Rol' sveta v fiziologicheskoi stimuliatsii zhivotnogo organizma. Erevan, Izd-vo AN Armianskoi SSR, 1961 131 p

KAVETSKII, R. E., and others. [Body reactivity and the type of nervous system] Reaktivnost' organizma i tip nervnoi sistemy. Kiev, Izd-vo Akad. nauk USSR, 1961. 326 p.

KAZARINOV, IU. M., and IU. N. SIMONOV. [Neutron-proton scattering at a neutron energy of 200 Mev.] N-P-rasseianie pri energii neitronov 200 Mev. Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 11 p.

KHARKEVYCH, S. S. [Caucasian ornamental spring plants under natural conditions and in cultivation in the Ukraine] Vesniani dekoratyvni roslyny Kavkazu v pryrodi ta v kul'turi na Ukraini. Kyiv, Vyd-vo Akad. nauk URSR, 1962. 150 p.

KIM CHE-PYONG. [Successive approximations for a certain type of singular integral equation in L^2 space] Posledovatel'nye priblizheniia dlia odnogo vida sistem singuliarnykh integral'nykh uravnenii v L^2. Dubna, Ob"edinennyi in-t iadernykh issledovanii, 1962. 10 p.

KIRKO, I. M. [Study of electromagnetic properties in metals by dimensional and similitude methods] Issledovanie elektromagnitnykh iavlenii v metallakh metodom razmernosti i podobiia. Riga, Izd-vo Akad. nauk Latviiskoi SSR, 1959. 184 p. (RPB)

KOL'GA, V. V. [Compensating nonlinear resonances in a relativistic cyclotron] Kompensatsiia nelineinykh rezonansov v relativistskom tsiklotrone. Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 5 p.

KOL'MAN, ERNEST. [Lenin and modern physics] Lenin i noveishaia fizika. 2. izd. Moskva, Gos. izd-vo polit. lit-ry, 1961. 156 p.

KOMISSAROVA, L. N., ed. [Hafnium] Gafnii, sbornik statei. Moskva, Izd-vo inostr. lit-ry, 1962. 364 p.

KONFERENTSIIA PO ATMOSFERNOMU OZONU, Moscow, 1959. [Atmospheric ozone, results of the work of the International Geophysical Year in the U. S. S. R. Reports and resolutions] Atmosfernyi ozon, rezul'taty rabot Mezhdunarodnogo geofizicheskogo goda v SSSR. Doklady i rezoliutsii. [Moskva] Izd-vo Mosk. univ., 1961. 195 p.

KONFERENTSIIA PO KHIMII I PRIMENENIIU FOSFOROORGANICHESKIKH SOEDINENII. 2d, Kazan, 1959. [Chemistry and uses of organophosphorus compounds, papers presented at the Second Conference] Khimiia i primenenie fosfororganicheskikh soedinenii, trudy. Moskva, Izd-vo Akad. nauk SSSR, 1962. 630 p.

KONFERENTSIIA PO MAGNITNOI GIDRODINAMIKE, Riga, 1958. [Magnetohydrodynamics and dynamics of plasma, transactions of the conference] Voprosy magnitnoi gidrodinamiki i dinamiki plazmy, trudy konferentsii. Riga, Izd-vo Akad. nauk Latviiskoi SSR, 1959. 343 p. 1 col. diagr.
(RPB) (IEN)

KONFERENTSIIA PO OBRABOTKE INFORMATSII, MASHINNOMU PEREVODU I AVTOMATICHESKOMU CHTENIIU TEKSTA. [Conference on the processing of information, machine translation and automatic reading of material, papers] Doklady. Moskva, Akad. nauk SSSR,
No. 6, 1961. 10 p.

KOLONKOV, A. F., and B. I. SPASSKII. [M. V. Lomonosov as a physicist] M. V. Lomonosov kak fizik. [Moskva] Izd-vo Mosk. univ., 1961. 155 p.
(CU)

KOORDINATSIONNOE SOVESHCHANIE PO STSINTILLIATORAM, 2., 1957. [Scintillators and scintillation materials] Stsintilliatory i stsintilliatsionnye materialy, materialy. Moskva, Gos. komitet Soveta Ministrov SSSR po khimii, 1960. 319 p.

KOVALEV, O. V. [Irreducible representations of space groups] Neprivodimye predstavleniia prostranstvennykh grupp. Kiev, Izd-vo Akad. nauk USSR, 1961. 153 p.

KREL'SHTEIN, B. I. [Necessary and sufficient conditions in mathematics, for students in grades 8 and 9] Neobkhodimye i dostatochnye usloviia v matematike, dlia uchashchikhsia VIII-XI klassov. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 61 p. (Biblioteka shkol'nika)

KUROEDOV, A. I., and I. V. DRIAGINA. [Social and gnoseological roots of Weissmanism-Morganism] Sotsial'nye i gnoseologicheskie korni veismanizma-morganizma; lektsiia dlia studentov-zaochnikov gosudarstvennykh universitetov. [Moskva] Izd-vo Mosk. univ., 1961. 36 p.

KUROSH, A. G. [Lectures on general algebra] Lektsii po obshchei algebre. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1962. 396 p.

KUVYRKIN, N. G. [Indefinite integrals] Neopredelennye integraly, uchebnoe posobie po vysshei matematike dlia studentov VZEIS. Pod red. V. K. Turkina. Moskva, Vses. zaochnyi elektrotekhn. in-t sviazi, 1960. 76 p.

LATVIJAS PADOMJU SOCIALISTISKAS REPUBLIKAS ZINATNU AKADEMIJA. Fizikas institute. [Methods for studying radioactive radiation] Radioaktivnye izlucheniia i metody ikh issledovaniia. Riga, Izd-vo Akad. nauk Latviiskoi SSR, 1961. 141 p.

LAZUR'EVSKII, G. V., I. V. TERENT'EVA, and A. A. SHAMSHURIN. [Practical work in the chemistry of natural compounds] Prakticheskie raboty po khimii prirodnykh soedinenii. Moskva, Gos. izd-vo "Vysshaia shkola."
No. 1. [Methods of isolation, separation, and identification] Metody vydeleniia, razdeleniia i identifikatsii. 1961. 191 p.

LENINGRAD. ARKTICHESKII I ANTARKTICHESKII NAUCHNO-ISSLEDOVATEL'SKII INSTITUT. [Materials of the observations conducted by the drifting research stations "Severnyi Polius-6" and "Severnyi Polius-7" during the year 1957/58, transactions] Materialy nabliudenii nauchno-issledovatel'skikh dreifuiushchikh stantsii "Severnyi polius-6" i "Severnyi polius-7" 1957/58 goda, trudy. Leningrad, Izd-vo "Morskoi transport."
Vol. 1. Pod obshchei red. V. M. Driatskogo. 1962. 61 p.

LETUNOV, S. P., and R. E. MOTYLIANSKAIA. [Sports and the heart] Sport i serdtse. Moskva, Izd-vo "Fizkul'tura i sport," 1961. 39 p. (Bibliotechka sportsmena)

LIETUVOS TSR MOKSLU AKADEMIJA, Vilna. Botanikos institutas. [Flora of the Lithuanian S. S. R.] Lietuvos TSR flora. Vilnius, Valstybine politines ir mokslines literaturos leidykla. [With summaries in Russian and German]
Vols. 1, 3. 1959-1961.
(DA)

LUR'E, IU. IU. [Manual on analytical chemistry] Spravochnik po analiticheskoi khimii. Moskva, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1962. 287 p.

MAIANSKII, E. I. [Homemade visual aids in solid geometry] Samodel'nye nagliadnye posobiia po stereometrii. [Kostroma] Kostromskoe knizhnoe izd-vo, 1959. 81 p.

MAKHAN'KOV, V. G. [Excitation of electromagnetic waves in a plasma in which electrons have a directional velocity relative to ions] O vozbuzhdenii elektromagnitnykh voln v plazme, gde elektrony imeiut napravlennuiu skorost' otnositel'no ionov. Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 5 p.

MEL'NIKOV, V. K. [Lines of force of a magnetic field] O silovykh liniiakh magnitnogo polia. Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 9 p.

MINSK. UNIVERSITET. [Works of the Chemistry Faculty] Trudy khimicheskogo fakul'teta. Minsk, Izd-vo Belgosuniv. im. V. I. Lenina, 1960. 143 p.

MOSCOW. INZHENERNO-FIZICHESKII INSTITUT. [Accelerators] Uskoriteli; sbornik statei. Pod red. G. A. Tiagunova. Moskva, Gosatomizdat.
No. 3. 1962. 215 p.

NAUCHNO-METODICHESKAIA KONFERENTSIIA MATEMATICHESKIKH KAFEDR PEDAGOGICHESKIKH INSTITUTOV IUGA RSFSR, 2d. [Abstracts of papers read at the Methodological Conference of the Mathematics Departments of the Pedagogic Institutes of the southern part of the R. S. F. S. R.] Tezisy dokladov. Rostov na Donu, Rostovskii na Donu Gos. pedagog. in-t, 1960. 105 p.
[MICROFILM]

NAUCHNOE SOVESHCHANIE PO IZUCHENIIU PERVICHNOI PRODUKTSII VODOEMOV, Minsk, 1960. [Primary production in seas and inland waters; reports] Pervichnaia produktsiia morei i vnutrennikh vod; [doklady]. Minsk, Izd-vo M-va vysshego, srednego spetsial'nogo i professional'nogo obrazovaniia BSSR, 1961. 407 p.

NELEPETS, V. S., and V. D. STEPANENKO. [Use of radar in meteorological observations] Radiolokatsionnye metody meteorologicheskikh nabliudenii. Leningrad, Gidrometeoizdat, 1961. 174 p.

NEPOMNIASHCHAIA, M. L., L. IU. MEDVINSKAIA, and L. A. LIBERMAN. [Streptococcus lactis bacteriophage and its control in the dairy industry] Bakteriofag molochnokislykh streptokokkov i bor'ba s nimi v molochnoi promyshlennosti. Kiev, Izd-vo Akad. nauk USSR, 1961. 151 p.

NGUEN VAN-KH'EU. [Elastic neutrino and antineutrino scattering on electrons, taking higher approximations into account] Uprugoe rasseianie neitrino i antineitrino na elektrone s uchetom vysshikh priblizhenii. Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 9 p. [With summary in English]

NGUEN VAN-KH'EU. [Use of dispersion relations for determining the amplitude of π-meson production on a nucleon from a neutrino] Opredelenie amplitud rozhdeniia π-mezona na nuklone ot neitrino s pomoshch'iu dispersionnykh sootnoshenii. Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 16 p.

NOVIKOV, I. I., and V. M. ZAITSEV. [Thermodynamics in questions and answers] Termodinamika v voprosakh i otvetakh. Moskva, Gos. izd-vo lit-ry v oblasti atomnoi nauki i tekhniki, 1961. 142 p.

OBOLONCHYK, V. A. [Rhenium] Renii. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 60 p.

PANOV, D. IU. [Electronic calculating machines] Elektronnye vychislitel'nye mashiny. Moskva, Izd-vo "Znanie," 1961. 38 p. (Narodnyi universitet kul'tury. Estestvennonauchnyi fakul'tet, no 28)

PAVLIKOVSKI, A., and V. RYBARSKA. [Testing the accuracy of Bogoliubov's method in the theory of even even nonspherical nuclei] Izuchenie tochnosti metoda Bogoliubova v teorii chetno-chetnykh nesfericheskikh iader. Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 30 p. [With summary in English]

PEREL'MAN, IA. I. [Geometry made interesting] Zanimatel'naia geometriia. Izd. 11. stereotipnoe. Pod red. i s dopolneniiami B. A. Kordemskogo. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1959. 301 p.
(RPB)

PIDSTRYHACH, IA. S., and S. IA. IAREMA. [Thermal stresses in shells] Temperaturnye napriazheniia v obolonkakh. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 211 p.

PLATONOV, G. V. [Dialectical materialism and some problems of genetics] Dialekticheskii materializm i voprosy genetiki. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 161 p.

PODOBED, V. V. [Fundamental astrometry, determination of stellar coordinates] Fundamental'naia astrometriia; opredelenie koordinat zvezd. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1962. 340 p.

POLEES, M. E. [Laboratory practice in analytical chemistry] Rukovodstvo k prakticheskim zaniatiiam po analiticheskoi khimii. Moskva, Medgiz, 1962. 71 p.

RASKIN, N. M. [M. V. Lomonosov's chemistry laboratory, chemistry in the St. Petersburg Academy of Sciences in the second half of the 18th century] Khimicheskaia laboratoriia M. V. Lomonosova, khimiia v Peterburgskoi Akademii nauk vo 2-i polovine XVIII v. Moskva, Izd-vo Akad. nauk SSSR, 1962. 339 p.

RIABOV, IU. A. [Motions of celestial bodies] Dvizheniia nebesnykh tel. Izd. 2., dop. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1962. 215 p.

ROZHDESTVENSKII, V. P. [Practical exercises in botany] Prakticheskie zaniatiia po botanike. Izd. 2. Moskva, Gos. izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 302 p. (Uchebniki i uchebnye posobiia dlia sel'skokhoziaistvennykh tekhnikumov)

RUSSIA (1923- U. S. S. R.) Glavnoe upravlenie gidrometeorologicheskoi sluzhby. [Materials of Conferences dealing with the results of the International Geophysical Year (1960) and the meteorological exploration of Antarctica (1959)] Materialy konferentsii po itogam MGG (1960) i meteorologicheskogo izucheniia Antarktidy (1959). Pod red. K. T. Logvinova. Moskva, Gidrometeoizdat (otdelenie), 1961. 363 p.

SAVICH, I. A. [V. G. Khlopin, an outstanding Soviet radiochemist] V. G. Khlopin - vydaiushchiisia sovetskii radiokhimik. Moskva, Izd-vo "Znanie," 1962. 31 p. (Novoe v zhizni, nauke, tekhnike. IX Seriia: Fizika i khimiia, no. 2)
[MICROFILM]

SEDOV, L. I. [Introduction into the mechanics of the continuum] Vvedenie v mekhaniku sploshnoi sredy. Moskva, Fizmatgiz, 1962. 284 p.

SHIROKOV, M. I. [Newton-Wigner's coordinate for a scalar particle] O koordinate N'iutona-Vignera dlia skaliarnoi chastitsy. Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 6 p. [With summary in English]

SHKLOVSKII, I. S. [Physics of the solar corona] Fizika solnechnoi korony. Izd. 2., perer. i dop. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1962. 516 p.

SHKOL'NIK, A. G. [Problem of the division of the circle; textbook for teachers] Zadachia deleniia kruga; posobie dlia uchitelei. Izd. 3. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 72 p.

SKOROBOGAT'KO, V. IA. [Study of the qualitative theory of partial differential equations] Issledovanie po kachestvennoi teorii differentsial'nykh uravnenii s chastnymi proizvodnymi. [L'vov] Izd-vo L'vovskogo univ., 1961. 124 p.

SOKOLOV, S. N. [S-matrix for the one-dimensional Schrodinger equation and its asymptotic behavior in the quasi-classical region] S-matritsa dlia odnomernogo uravneniia Shredingera i ee asimptotika v kvaziklassicheskoi oblasti. Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 15 p. [With summary in English]

SOKUR, I. T. [Historical changes and utilization of mammals in the Ukraine] Istorychni zminy ta vykorystvannia fauny ssavtsiv Ukrainy. Kyiv, Vyd-vo Akad nauk URSR, 1961. 83 p

STEKHNOVSKII, D. I. [Basic field of the globe, basic characteristics and some problems of atmospheric circulation] Baricheskoe pole zemnogo shara; osnovnye kharakteristiki i nekotoryе voprosy atmosfernoi tsirkuliatsii Pod red. L. S. Mininol. Moskva, Gidrometeoi izd-vo, 1962 145 p.

SYTINSKAIA, N. N. [Planet Mars] Planeta Mars. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1962. 61 p. (Populiarnye lektsii po astronomii, no. 12)

UKRAINSKOE SOVESHCHANIE PO FILOSOFSKIM VOPROSAM BIOLOGII [Philosophical problems of contemporary biology, proceedings] Filosofskie voprosy sovremennoi biologii, materialy. Kiev, Izd-vo Akad. nauk USSR, 1962. 491 p.

UMAROV, S. U., and M. V. MOSSTEPANENKO. [Lenin and the development of modern physics] Lenin i razvitie sovremennoi fiziki. Stalinabad, Tadzhikgosizdat, 1960. 249 p.
(NNC)

VASILEVSKAIA, D. P., and others. [Theory and the modeling of a circular synchro-cyclotron with a spiral magnetic field] Voprosy teorii i modelirovaniia kol'tsevogo fazotrona so spiral'noi strukturoi magnitnogo polia. Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 7 p.

VENTSEL', E. S. [Probability theory] Teoriia veroiatnostei. Izd. 2., perer. i dop. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1962. 564 p.
[MICROFILM]

VERKHOVSKAIA, I. N. [Bromine in the animal organism and the mechanism of its action] Brom v zhivotnom organizme i mekhanizm ego deistvita. Moskva, Izd-vo Akad. nauk SSSR, 1962. 306 p.

VSESOIUZNOE ASTRONOMO-GEODEZICHESKOE OBSHCHESTVO. [Solar eclipse of February 25, 1952, and its observation] Solnechnoe zatmenie 25 fevralia 1952 g. i ego nabliudenie. Sost. I. S. Astapovich i dr. Pod red. A. A. Mikhailova. Moskva, Gos izd-vo tekhniko-teoret. lit-ry, 1951. 175 p

YI, WAN-SON, I. N. MIKHAILOV, and IU. I. FENIN. [Reaction T + T → He^4 + 2n] O reaktsii T + T → He^4 + 2n. Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 8 p.

ZAGORSKII, T. IA. [Mixed problems for systems of differential equations with partial derivatives of the parabolic type] Smeshannye zadachi dlia sistem differentsial'nykh uravnenii s chastnymi proizvodnymi parabolicheskogo tipa. L'vov, Izd-vo L'vovskogo univ., 1961. 112 p.

ZBARSKII, B. I., I. B. ZBARSKII, and A. I. SOLNTSEV. [Laboratory manual of biological chemistry] Praktikum po biologicheskoi khimii. Moskva, Medgiz, 1949. 223 p.

ZHEREKHOV, G. I. [Classroom demonstrations in mechanics] Demonstratsionnyi eksperiment po mekhanike. Moskva, Uchpedgiz, 1961. 243 p.

ZHURAVLEV, A. A., and others. [Method of electron acceleration in a circular synchro-cyclotron] Ob odnom metode uskoreniia elektronov v kol'tsevom fazotrone. Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 11 p.

ZOLOTOV, IU. A., ed. [Extraction in analytical chemistry and radiochemistry, Translated articles] Ekstraktsiia v analiticheskoi khimii i radiokhimii. Moskva, Izd-vo inostr. lit-ry, 1961. 350 p.

14. MEDICINE

AKULINICHEV, I. T. [Practical problems in vectorcardioscopy] Prakticheskie voprosy vektorkardioskopii. Moskva, Medgiz, 1960. 213 p. (Biblioteka prakticheskogo vracha)
(DNLM)

ALEKSANDROV, G. N. [Pathogenesis and conservative treatment of hemorrhoids] Patogenez i konservativnoe lechenie gemorroia. Tashkent, Gos. med. izd-vo M-va zdravookhraneniia UzSSR, 1961. 82 p. (Biblioteka prakticheskogo vracha)
(DNLM)

ALEKSANDROV, M. S., and L. F. SHINKAREVA. [Extrauterine pregnancy] Vnematochnaia beremennost'. Moskva, Medgiz, 1961. 218 p.
(DNLM)

AL'PEROVICH, I. S., A. N. VARENIK, and E. S. SKORNIAKOVA. [First aid in traumatic shock and terminal states] Skoraia meditsinskaia pomoshch' pri travmaticheskom shoke i terminal'nykh sostoianiiakh, opyt Leningradskoi stantsii skoroi pomoshchi. [Leningrad] Medgiz, 1961. 51 p. (Peredovoi opyt organizatsii zdravookhraneniia)
(DNLM)

AL'TGAUZEN, A. IA. [Clinical laboratory studies] Laboratornye klinicheskie issledovaniia Pod red O M Nosalevich Izd 4. ispr i dop. Moskva, Medgiz, 1962. 327 p.
(DNLM)

ALTYPARMAKOV, ANTON. [Bronchoscopy and bronchography] Bronkhoskopiia i bronkhografiia. Pod red. L K. Bogusha. Moskva, Medgiz, 1961. 126 p.
(DNLM)

ANAN'IN, V. V., and E. V. KARASEVA. [Natural focus of leptospiroses] Prirodnaia ochagovost' leptospirozov. Moskva, Medgiz, 1961. 268 p.
(DNLM)

AVEDISOV, S. S., and L. V. OHLOVSKII. [A powerful remedy; blood transfusion] Mogushchestvennoe lechebnoe sredstvo; perelivanie krovi. Moskva, In-t sanitarnogo prosv. M-va zdravookhraneniia SSSR, 1961. 28 p. (V pomoshch' lektoru)
(DNLM)

BARANNYK, P. I. [Lecture course on general hygiene] Kurs lektsii z zahal'noi higiieny. Kyiv, Derzh. med. vyd-vo URSR, 1961. 243 p.
(DNLM)

BARSUKOV, M. I., ed. [All-Union scientific congresses of physicians and their importance for the practice of Soviet public health] Vsesoiuznye nauchnye s"ezdy vrachei i ikh znachenie dlia praktiki sovetskogo zdravookhraneniia. Moskva, Medgiz, 1962. 198 p.

BESSMERTNYI, B. S., and M. N. TKACHEVA. [Statistical methods in epidemiology] Statisticheskie metody v epidemiologii. Pod red A. M Merkova. Moskva, Medgiz, 1961. 202 p.
(DNLM)

BODIAZHINA, V. I., and others. [Effect of ionizing radiation on the genitalia, pregnancy and the intrauterine fetus] Vliianie ioniziruiushchei radiatsii na polovye zhelezy, beremennost' i vnutriutrobnyi plod. Moskva, Medgiz, 1962, 181 p.
(DNLM)

CHERNIAVSKII, M. N., N. B. KLIACHKO, and B. B. KHODORKOVSKAIA. [Educational Latin-Russian and Russian-Latin dictionary of pharmaceutical terms] Uchebnyi latinsko-russkii i russko-latinskii slovar' farmatsevticheskikh terminov, dlia studentov-zaochnikov farmatsevticheskogo fakul'teta. Red., predisl. i vvedenie M. N. Chernlavskogo. Moskva, Perviyi MOLMI im. I. M. Sechenova, 1961. 56 p.
[MICROFILM]

DOBROMYL'SKII, F. I., and I. I. SHCHERBATOV. [Accessory sinuses of the nose and their connection with diseases of the orbit and the lacrimal ducts] Pridatochnye pazukhi nosa i ikh sviaz' s zabolevaniiami glaznitsy i slezootvodiashchikh putei. 2 izd., perer. i znachitel'no dop. Moskva, Medgiz, 1961. 287 p.
(DNLM)

DOMBROVSKAIA, IU. F. [Clinical aspects and pathogenesis of hypoxemia in the growing body, clinical experimental observations] Klinika i patogenez gipoksemii rastushchego organizma; kliniko-eksperimental'nye nabliudeniia. Pri uchastii A. S. Chechulina, A. N. Dombrovskogo i A. A. Rogova. Moskva, Medgiz, 1961. 254 p.
(DNLM)

DOMBROVSKII, A. I. [Roentgenology] Rentgenologiia. [Rostov-na-Donu] Rostovskoe knizhnoe izd-vo, 1961, 221 p.
(DNLM)

EGOROV, P. I., and A. Z. TSFASMAN. [Radioactive iodine in the diagnosis and treatment of diseases of the thyroid gland] Radioaktivnyi iod v diagnostike i lechenii zabolevanii shchitovidnoi zhelezy. Moskva, Medgiz, 1962. 246 p.
(DNLM)

FIGURINA, M. M. [S. P. Botkin Infectious Disease Hospital in Leningrad] Leningradskaia infektsionnaia bol'nitsa im. S. P. Botkina, 1882-1961. [Leningrad] Medgiz, 1961. 98 p.
(DNLM)

GANDEL'SMAN, A. B., ed. [Exercise therapy in the pediatric orthopedic clinic] Lechebnaia fizicheskaia kul'tura v detskoi ortopedicheskoi klinike. [Leningrad] Medgiz, 1961. 191 p. (Biblioteka prakticheskogo vracha)
(DNLM)

GETSOV, G. B. [Industrial practice for students of medical institutes during a six-year training program] Proizvodstvennaia praktika studentov meditsinskikh institutov pri shestiletnem obuchenii. 2 izd., dop i perer. Moskva, Medgiz, 1962 239 p.
(DNLM)

GRITSMAN, IU. IA. [Tantalum mechanical suture in stomach resections] Tantalovyi mekhanicheskii shov pri rezektsiiakh zheludka. Moskva, Medgiz, 1961. 78 p.
(DNLM)

[GUIDE BOOK FOR ORGANIZING THE CONTROL OF VENEREAL AND INFECTIOUS SKIN DISEASES] Spravochnik po organizatsii bor'by s venericheskimi i zarazhnymi kozhnymi bolezniami. Pod red. N. M Turanova i A. A. Studnitsina. Moskva, Medgiz, 1961. 164 p.
(DNLM)

IOFFE, V. I. [Immunology of rheumatism] Immunologiia revmatizma. [Leningrad] Medgiz, 1962. 355 p.
(DNLM)

KAL'IU, P. I., ed. [Medical service for workers in industrial enterprises] Meditsinskoe obsluzhivanie rabochikh promyshlennykh predpriiatii. Moskva, Medgiz, 1961. 124 p. (Peredovoi opyt organizatsii zdravookhraneniia)
(DNLM)

KANAREVSKAIA, A. A., and others. [Toxicology of new industrial chemical compounds] Toksikologiia novykh promyshlennykh khimicheskikh veshchestv Pod red. A. A. Letavet i A. A Kanarevskoi Moskva, Medgiz.
No. 2 [Toxicology of epoxide resins and some metals] Toksikologiia epoksidnykh smol i nekotorykh metallov 1961 181 p
No 3 [Toxicology of organosilicon compounds] Toksikologiia kremniiorganicheskikh veshchestv. 1961. 125 p.

KARTAMYSHEV, A. I., and V. A. ARNOL'D. [Cosmetic care of the skin] Kosmeticheskii ukhod za kozhei. 2, ispr. i dop. izd. Kiev, Gos. med. izd-vo USSR, 1961. 188 p.
(DNLM)

KASIKIN, P. N. [Medical mycology, a short manual for doctors] Meditsinskaia mikologiia, kratkoe rukovodstvo dlia vrachei. [Leningrad] Medgiz, 1962 343 p.
(DNLM)

KASIMOV, M. S. [Shirab mineral water] Shirabskaia mineral'naia voda. Baku, Azerbaidzhanskoe gos. izd-vo, 1960. 18 p.

KOCHERGIN, I. G. [Soviet public health today] Sovetskoe zdravookhranenie segodnia Moskva, Izd-vo "Znanie 1961. 30 p. (Narodnyi universitet kul'tury. Estestvennauchnyi fakul'tet, no. 29)

KOGAN, A. A. [Pathologic climacteric and its treatment] Patologicheskii klimakterii i ego lechenie. Tashkent, Gos. med. izd-vo M-va zdravookhraneniia UzSSR, 1961. 96 p. (Biblioteka prakticheskogo vracha)
(DNLM)

LAZARIS, IA. A., and I. A. SEREBROVSKAIA. [Pulmonary edema] Otek legkikh. Moskva, Medgiz, 1962. 368 p.
(DNLM)

LUSHNIKOV, A. G. [Clinical aspects of internal diseases in Russia] Klinika vnutrennikh boleznei v Rossii. Moskva, Medgiz, 1962. 253 p.
(DNLM)

MATS, D. I. [Social hygienic problems in the control of cancer; stages in its development, statistics and organization] Sotsial'no-gigienicheskie voprosy protivorakovoi bor'by; etapy razvitiia, statistika, organizatsiia. Pod red. A. M. Merkova. Moskva, Medgiz, 1962. 201 p.
(DNLM)

MATSKO, B. M. [Work organization for medical personnel] Organizatsiia truda meditsinskogo personala. Pod red. P. I. Kal'iu. Moskva, Medgiz, 1962. 80 p.
(DNLM)

MOROZOV, G. V., and V. A. ROMASENKO. [Neuropathology and psychiatry] Nevropatologiia i psikhiatriia. Izd. 2., ispr. Moskva, Medgiz, 1962. 262 p.
(DNLM)

MUKHIN, S. A. [Some problems in the homeopathic treatment of heart diseases; a new approach in the treatment of myocardial infarcts] O nekotorykh voprosakh gomeopaticheskogo lecheniia boleznei serdtsa; o novom podkhode v lechenii infarktov miokarda. Pod red. V. I. Rybaka. Moskva, Mosk. nauchno-med. ob-vo vrachei-gomeopatov, 1961. 41 p.
(DNLM)

[MULTIVOLUME MANUAL ON OBSTETRICS AND GYNECOLOGY] Mnogotomnoe rukovodstvo po akusherstvu i ginekologii Moskva, Gos izd-vo med. lit-ry
Vol 6 1961 679 p
(DNLM)

[MULTIVOLUME MANUAL ON PATHOLOGICAL ANATOMY] Mnogotomnoe rukovodstvo po patologicheskoi anatomii. Otv red. A. I. Strukov. Moskva, Medgiz
Vol. 6. [Pathological anatomy of diseases of the osteoarticular system, muscles, and tendons] Patologicheskaia anatomiia boleznei kostno-sustavnoi sistemy, myshts i sukhozhilii. Red. toma T. P. Vinogradova. 1962 518 p.
(DNLM)

[MULTIVOLUME MANUAL ON SURGERY] Mnogotomnoe rukovodstvo po khirurgii Moskva, Gos izd-vo med. lit-ry
Vol 9. Pytel', A. IA., ed. [Surgery of the urinary and genital organs and the retroperitoneal space] Khirurgiia mochevykh i polovykh organov i zabriushinnogo prostranstva 1959 630 p.
(DNLM)

[MULTIVOLUME MANUAL ON THE MICROBIOLOGY, CLINICAL ASPECTS, AND EPIDEMIOLOGY OF INFECTIOUS DISEASES] Mnogotomnoe rukovodstvo po mikrobiologii klinike i epidemiologii infektsionnykh boleznei Otv. red N. N Zhukov-Verezhnikov. Moskva, Medgiz
Vol 1 [General microbiology] Obshchaia mikrobiologiia. Otv. red N N Zhukov-Verezhnikov. 1962 703 p
(DNLM)

NOSOV, S. D. [Textbook of infectious children's diseases] Uchebnik detskikh infektsionnykh boleznei 2 izd Moskva, Medgiz, 1961 351 p.
(DNLM)

NOVOSELOVA, R. S. [The electrocardiogram in acute infectious diseases in children] Elektrokardiogramma pri ostrykh infektsionnykh zabolevaniiakh u detei. Moskva, Medgiz, 1962 179 p.
(DNLM)

PAVLOVSKII, E. N. [Handbook on human parasitology (with a theory about the vectors of transmissible diseases)] Rukovodstvo po parazitologii cheloveka (s ucheniem o perenoschikakh transmissivnykh boleznei) 5 izd , pererab i znachitel'no rasshirennoe, s 374 ris v tekste Moskva, Izd-vo Akad nauk SSSR
Vol. 2. 1946. 521 p.
(DNLM)

PETELIN, L. S. [Fangotherapy of epidemic poliomyelitis] Griazelechenie epidemicheskogo poliomielita S predisl N S Chetverikova. Moskva, Medgiz, 1962. 125 p. (Biblioteka prakticheskogo vracha)
(DNLM)

PETROV, E. D [Textbook of methods for the climatological treatment of tuberculosis] Metodicheskoe posobie po klimaticheskomu lecheniiu bol'nykh tuberkulezom. Moskva, Medgiz, 1961. 84 p.
(DNLM)

PETROV, I. R., ed [Traumatic shock] Travmaticheskii shok. Monografiia sost E. I. Vol'pert i dr. Moskva, Medgiz, 1962. 239 p.
(DNLM)

POLEZHAEV, V. G., and others. [Short manual on the control of rodents in rural areas] Kratkoe rukovodstvo po bor'be s gryzunami v sel'skoi mestnosti. Moskva, Medgiz, 1962. 56 p. (Biblioteka prakticheskogo vracha)
(DNLM)

POLTYREV, S. S. [Problems in the pathogenesis and treatment of some diseases of the internal organs in the light of experimental data] Voprosy patogeneza i terapii nekotorykh zabolevanii vnutrennikh organov v svete eksperimental'nykh dannykh. Moskva, Medgiz, 1962. 310 p.
(DNLM)

POSPELOVA, N. N. A. I. Pospelov, 1846-1916. Moskva, Gos. izd-vo med. lit-ry, 1962. 86 p. (Vydaiushchiesia deiateli otechestvennoi meditsiny)

PREISMAN, A. B. [Moscow Medical and Surgical Academy; a historical essay] Moskovskaia mediko-khirurgicheskaia akademiia; istoricheskii ocherk. Moskva, Medgiz, 1961. 110 p.

RODKINA, R. A. [Cancer of the cervix uteri and its stages] Rak sheinoi matki i stadii. Kuibyshev, Kuibyshevskii med. in-t, 1960. 205 p.
(DNLM)

ROTSHTEIN, G. A. [Hypochondriac schizophrenia] Ipokhondricheskaia shizofreniia. Pod red. A. V. Snezhnevskogo. Moskva, Gos. nauchno-issl. in-t psikhiatrii MZ RSFSR, 1961. 136 p.
(DNLM)

RUDNIEV, I. M. [How to prevent rheumatism and rheumatic heart disease in children] Iak zapobihty revmatyzmu i revmatychnym zakhvoriuvanniam sertsia u ditei. Kyiv, Derzh med vyd-vo URSR, 1961. 21 p.
(DNLM)

SACHKOV, V. I. [Immunological methods of studying rheumatism and other collagen diseases] Immunologicheskie metody izucheniia revmatizma i drugikh kollagenovykh boleznei Moskva, Medgiz, 1962. 181 p.
(DNLM)

SEREBRENNIKOV, I. M. [Forensic medical study of skin scars] Sudebnomeditsinskoe issledovanie rubtsov kozhi Moskva, Medgiz, 1962. 125 p.
(DNLM)

S"EZD DERMATO-VENEROLOGOV UKRAINSKOI SSR. 2d, Kharkov, 1959. [Transactions of the Second Congress of Dermatovenereologists of the Ukrainian S. S. R.] Trudy, Kiev, Gos. med. izd-vo USSR, 1960. 475 p.
(DNLM)

SHERESHEVSKII, N. A. [Thyrotoxicoses] Tireotoksikozy. Moskva, Medgiz, 1962. 114 p.
(DNLM)

SHISHKIN, V. P., and P. N. MAZAEV. [Splenoportography] Splenoportografiia. Moskva, Medgiz, 1962. 186 p.
(DNLM)

SHUB, R. L. [Importance of vitamins and nitrofuranes in obstetrics and gynecology] Znachenie vitaminov i nitrofuranov v akusherstve i ginekologii Moskva, Medgiz, 1961 157 p.
(DNLM)

[SIGNIFICANT AND JUBILEE DATES IN THE HISTORY OF MEDICINE FOR 1962] Znamenatel'nye i iubileinye daty istorii meditsiny 1962 goda. Moskva, Medgiz, 1962. 71 p.

SMIRNOV, L. I [Tumors of the brain and spinal cord] Opukholi golovnogo i spinnogo mozga. Moskva, Medgiz, 1962. 186 p.
(DNLM)

TEMKIN, I. S. [Tumors of the urinary bladder caused by cancerogenic amino compounds] Opukholi mochevogo puzyria, vyzvannye kantserogennymi aminosoedineniiami. 2., dop i pererab. izd Moskva, Medgiz, 1962. 329 p.
(DNLM)

TIKHONOV, K. B. [Angiography, methods and technics for contrast study of the blood vessels and cavities of the heart] Angiografiia, metodika i tekhnika kontrastnogo issledovaniia krovenosnykh sosudov i polostei serdtsa. [Leningrad] Medgiz, 1962. 279 p.
(DNLM)

TOMASKOVA, JANA. [Health and beauty care. Translated from the Czech] Zabota o zdorov'e i krasote. Prague, Izd-vo "Praise," 1961. 118 p.

ULITOVSKII, D. A. [Radioactive isotopes in neurological practice] Radioaktivnye izotopy v nevrologicheskoi praktike. [Leningrad] Medgiz, 1962. 138 p.
(DNLM)

USOL'TSEVA, E. V. [Injuries to the hand] Povrezhdeniia kisti. [Leningrad] Medgiz, 1961. 269 p. (Biblioteka prakticheskogo vracha)
(DNLM)

VAINSHTEIN, I. G., and N. I. GRASHCHENKOV. [Meningitides] Meningity. Moskva, Medgiz, 1962. 222 p. (Biblioteka prakticheskogo vracha)
(DNLM)

VANGENGEIM, K. A. [Somatogenic psychoses] Somatogennye psikhozy. Moskva, Medgiz, 1962. 166 p.
(DNLM)

VINOKUROV, D. A. [Exercise therapy in myocardial infarction] Lechebnaia fizkul'tura pri infarkte miokarda. [Leningrad] Medgiz, 1962. 35 p. (Nauchno-populiarnaia meditsinskaia literatura)
(DNLM)

VOLKOVA, M. A. [Telegamma therapy of malignant tumors] Telegammaterapii zlokachestvennykh opukholei. Moskva, Medgiz, 1961. 115 p.
(DNLM)

VORONOV, A. S. [Hospital therapy] Gospital'naia terapiia. Kiev, Gosmedizdat USSR, 1962. 522 p.
(DNLM)

ZAGORA, EDWARD. [Industrial ophthalmology. Translated from the Polish] Promyshlennaia oftal'mologiia. Pod red. N. M. Dantsiga. Moskva, Medgiz, 1961 395 p.
(DNLM)

ZAKRZHEVSKII, E. B. [Functional diagnosis of diseases of the pancreas] Funktsional'naia diagnostika zabolevanii podzheludochnoi zhelezy. [Leningrad] Medgiz, 1961 166 p.
(DNLM)

15. AGRICULTURE

[ADVICE FOR THE POTATO GROWER] Sovet kartofelevodu. Moskva, Izd-vo M-va sel'. khoz. RSFSR, 1960. 193 p.
(DA)

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Institut pochvovedeniia. [Soils of the Kazakh S. S. R. in 12 volumes] Pochvy Kazakhskoi SSR v 12 vypuskakh. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR
Vol. 4. Sokolov, S. I., and others. [Alma-Ata Province] Pochvy Alma-Atinskoi obl. 1962. 422 p.

AKADEMIIA NAUK SSSR. Mezhduvedomstvennyi komitet po provedeniiu Mezhdunarodnogo geofizicheskogo goda. [Bibliography of literature in the Russian language for 1960] Bibliograficheskii ukazatel' literatury na russkom iazyke za 1960 g. Moskva, Izd-vo Akad. nauk SSSR, 1961. 127 p.

AKADEMIIA NAUK SSSR. Pochvennyi institut imeni V. V. Dokuchaeva. [Microelements in soils of Yaroslavl' Province] Mikroelementy v pochvakh Iaroslavskoi oblasti. Moskva, Izd-vo Akad. nauk SSSR, 1962. 141 p.
(DA)

ANTIPIN, V. G. [Grain combines, windrowers, and pick-up mechanisms] Zernouborochnye kombainy, riadkovye zhatki i podborshchiki. Izd. 3., pererab. i dop. Moskva, Gos. izd-vo sel'khoz lit-ry, 1959. 647 p.
(DA)

ANTONOV, M. V., and Z. M. GORELIK. [Storing fruits and vegetables in containers] Khranenie kartofelia v kontseinerakh. Moskva, Gos. izd-vo torg. lit-ry, 1961. 50 p.
(DA)

ANZIN, B. N. [Pruning fruit trees and berry bushes shrubs (for the central belt of the U. S. S. R.)] Obrezka plodovykh derev'ev i iagodnykh kustarnikov (dlia srednei polosy SSSR). Izd. 3 , dop i pererab. [Moskva] Mosk rabochii, 1962 199 p.
(DA)

BAGDASARIAN, A. M. [Avetis Kalantar; his life and activities] Avetis Kalantar; ocherk o zhizni i deiatelnosti. Erevan, Armianskoe gos. izd-vo, 1959. 232 p.

BARANOV, P. A. [Liquid nitrogenous fertilizers] Zhidkie azotnye udobreniia. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1961. 156 p.
(DA)

BERLIAND, S. S. [How varieties of cultivated plants are developed] Kak sozdaiutsia sorta kul'turnykh rastenii. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 62 p.
(DA)

[BRIGADES OF COMMUNIST LABOR IN VILLAGES] Brygady komunistychnoi pratsi na seli. [Kharkiv], Kharkivs'ke knyzhkove vyd-vo, 1961. 87 p.
(DA)

CHERKASOV, A. A. [Notes of a game hunter and naturalist] Zapiski okhotnika-naturalista. Moskva, Izd-vo Akad. nauk SSSR, 1962. 503 p.

CHERNOV, G. G. [Safety measures in the operation of agricultural machinery] Tekhnika bezopasnosti pri rabote na sel'skokhoziaistvennykh mashinakh. Izd. 2, ispr. i dop. [Moskva] Izd-vo VTsSPS Profizdat, 1962. 159 p.
(DA)

CHESHKOV, A. F. [Integrated mechanized brigades and teams] Kompleksnye mekhanizirovannye brigady i zven'ia. Moskva, Izd-vo sel'khoz. lit-ry, 1961. 133 p. i plakatov, 1961. 133 p.
(DA)

DASHKEVICH, M. D. [Reference book for forest planting and forest improvement; for laboratory and practical lessons] Posobie po lesnym kul'turam i lesoustroistvu; dlia laboratorno-prakticheskikh zaniatii. Moskva, Goslesbumizdat, 1961. 87 p.
(DA)

EESTIMAA KOMMUNISTLIK PARTEI. Keskkomitee. Propagandaja Agitatsioonitoosakond [Let us carry out the seven-year plan ahead of schedule] Seitsmeaastak ennetahtaegselt. Tallinn, Eesti riiklik kirjastus, 1961. 246 p. [In Estonian]
(DA)

[FAMOUS FOR THEIR WORK] Proslavlennye trudom. Alma-Ata, Kazakhskoe gos. izd-vo, 1960. 286 p.
(DA)

FEDOTOV, V. S. [Terracing slopes for orchards and vineyards in Moldavia] Terrasirovanie sklonov pod sady i vinogradniki v Moldavii. Kishinev, Gos. izd-vo "Kartia moldovenieske," 1960. 69 p.
(DA)

[FOR 40 MILLION TONS OF SUGAR BEETS] Za 40 mil'ionov tonn tsukrovykh buriakiv. Kyiv, Derzh. vyd-vo sil's'kohospodars'koi lit-ry URSR, 1959. 198 p.
(DA)

GEL'MAN, V. M. [Effectiveness of the over-all mechanization of agriculture] Effektyvnist' kompleksnoi mekhanizatsii v sil's'komu hospodarstvi. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 84 p. (Vcheni Ukrainy - narodnomu hospodarstvu)
(DA)

GEORGIEVSKII, I. S. [Comprehensive mechanization of flax cultivation] Za kompleksnuiu mekhanizatsiiu l'novodstva. [Moskva] Mosk. rabochii, 1961. 98 p.
(DA)

GERASIMOV, S. IA. [Enrichment of mixed feeds with vitamins, trace elements, and antibiotics] Obogashchenie kombikormov vitaminami, mikroelementami i antibiotikami. Moskva, Zagotizdat, 1961. 97 p.
(DA)

["HERRINGBONE" ARRANGEMENT FOR MILKING PARLORS FOR EACH FARM] "Elochka" v kazhdoe khoziaistvo. [Belgorod], Belgorodskoe knizhnoe izd-vo, 1962. 21 p.
(DA)

IAKOVLEV, F. S., and V. S. VORONOVA. [Forest types in Karelia and their natural zoning] Tipy lesov Karelii i ikh prirodnoe raionirovanie. Petrozavodsk, Gos. izd-vo Karel'skoi ASSR, 1960. 189 p.
(DA)

IATSENKO, V. A. [Operation and repair of agricultural machinery] Ekspluatatsiia i remont sel'skokhoziaistvennykh mashin. Moskva, Mashgiz, 1961. 314 p.

IGNATOV, L. P., and K. S. STAROVOITOV. [Some problems of agricultural planning] Nekotorye voprosy planirovaniia sel'skogo khoziaistva. Moskva, Izd-vo ekon. lit-ry, 1961. 207 p.
(DA)

INTERNATIONAL CONGRESS OF SOIL SCIENCE. 7th, Madison, Wis., 1960. [Reports of soil scientists, agricultural chemists, and specialists in land reclamation of Tajikistan] Doklady pochvovedov, agrokhimikov i meliioratorov Tadzhikistana. Stalinabad, Akad. nauk Tadzhikskoi SSR, 1960. 72 p.
(DA)

IUKHIMCHUK, D. F. [Flowers] Kvity. Za red. M. M. Hryshka. Kyiv, Derzh. vyd-vo sil's'kohospodars'koi lit-ry URSR, 1960. 318 p.
(MiD)

IVANOV, D. A. [Cultivated pastures] Kul'turnye pastbishcha. [Leningrad] Lenizdat, 1961. 127 p.
(DA)

IVANOV, IA. A., and F. G. NOSOVETS. [Grain farming in the seven-year plan of Kirghizistan] Zernovoe khoziaistvo Kirgizii v semiletke. Frunze, Kirgizskoe gos. izd-vo 1960. 46 p.
(DA)

KARATYSH, A. G. [Ways for increasing the performance of sugar beet combines] Puti uluchsheniia raboty sveklokombainov. Frunze, Kirgizskoe gos. izd-vo, 1960. 56 p. (Peredovoi opyt v sel'skom khoziaistve Kirgizii)
(DA)

KATINSKAIA, IU. K. [Strawberries] Zemlianika. Leningrad, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 164 p.
(DA)

KHIMKI. TSENTRAL'NYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT MEKHANIZATSII I ENERGETIKI LESNOI PROMYSHLENNOSTI. [Materials of the enlarged session of the Scientific Council of the Central Scientific Research Institute for Mechanization and Power Engineering in Lumbering on problems concerning power engineering and the electrification of the lumber industry] Materialy rasshirennoi sessii Uchenogo soveta TsNIIME po voprosu energetiki i elektrifikatsii lesnoi promyshlennosti. Moskva, 1961. 76 p.
(DA)

KIEV. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT SAKHARNOI SVEKLY. [New technology of sugar beet cultivation] Novaia tekhnologiia vozdelyvaniia sakharnoi svekly. Kiev, Izd-vo Ukrainskoi akad. sel'khoz. nauk, 1961. 27 p.
(DA)

KIL'CHEVSKII, A. L., and N. G. KORNEVA. [Reference book on fertilizers for the Kirghiz S. S. R.] Zhurnalisticheskaia spravochnik Kyrgyz SSRi ÚChÚN Frunze, Kirgyzstan mamlekettik basmasy, 1960. 194 p. [In Kirghiz]

KIRIUKHIN, A. M. [Introduce automation in agriculture] Avtomatiku - v sel'skoe khoziaistvo. Moskva, Izd-vo "Znanie," 1961. 53 p. (Narodnyi universitet kul'tury. Sel'skokhoziaistvennyi fakul'tet, no. 20)

KIRIUKHIN, A. M. [Introduce automation in agriculture] Avtomatiku - v sel'skoe khoziaistvo. Moskva, Izd-vo "Znanie," 1962. 47 p. (Novoe v zhizni, nauke, tekhnike. V Seriia: Sel'skoe khoziaistvo no. 1)

KRASKO, L. M. [Advanced practices should be known to each agricultural worker] Peredovoi opyt - kazhdomu rabotniku sel'skogo khoziaistva. Moskva, Gos. izd-vo polit. lit-ry, 1961. 46 p. (Ekonomicheskie znaniia - trudzheniikam sela)
(DA)

KRASKOV, N. A. [Three hundred and thirty-nine centners of sugar beets per hectare in the North] 339 tsentnerov sakharnoi svekly s gektara na Severe. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1962. 30 p.
(DA)

LADANI, H. M. [Love corn] Liubit' kukuruzu! Uzhhorod, Zakarpats'ke oblasne knyzhkovo-gazetne vyd-vo, 1961. 29 p. (XXII z'izdu KPRS - hidnu zustrichi! Peredovyi dosvid - v masy!)
(DA)

LEBEDEV, IU. D., and A. I. SHTENBERG, eds. [Collection of directives on the control of chemical poisons used in agriculture] Sbornik ofitsial'nykh materialov po kontroliu za iadokhimikatami, primeniaemymi v sel'skom khoziaistve. Moskva, Medgiz, 1961. 439 p. (Biblioteka sanitarnogo vrachа)

LYSENKO, T. D. [Nutrition of plants and fertilization of fields] Pitanie rastenii i udobrenie polei. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1961. 15 p.
(DA)

MAVRITSKII, V. G. [Stockbreeding in the seven-year plan of Kirghizistan] Kyrgyzstandyn mal charbasy zheti zhyldykta. Frunze, Kyrgyzstan mamlekettik basmasy, 1960. 75 p. [In Kirghiz]
(DA)

MILIAKOVA, N. E. [Livestock farmers work with enthusiasm] Zhivotnovody trudiatsia vdokhnovenno. [Moskva] Mosk. rabochii, 1962. 47 p. (Liudi, dela, plany)
(DA)

MOLEV, E. V. [Bloodsucking insects and ticks harmful to animals] Krovososni komakhy i klishchi tvaryn. Kyiv, Derzh. vyd-vo sil'skohospodars'koi lit-ry URSR, 1959. 64 p.
(DA)

NIKOLAEV, P. I. [Pests and diseases of grapes] Vreditели i bolezni vinograda. Izd. 2, perer. Simferopol', Krymizdat, 1961. 146 p.
(DA)

ODISHARIIA, K. IU. [Cultivation of palms in Georgia] Kul'tura pal'm v Gruzii. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1955. 129 p.
(DA)

ORLOV, I. V., N. I. AGRINSKII, and S. N. NIKOL'SKII. [Handbook on veterinary parasitology] Praktikum po veterinarnoi parazitologii. Moskva, Izd-vo sel'khoz. lit-ry zhurnalov i plakatov, 1962. 318 p.
(DA)

ORLOVSKII, N. I. [Fundamentals of the biology of sugar beets; with the elements of cultivation practices and breeding] Osnovy biologii sakharnoi svekly (s elementami agrotekhniki i selektsii). Kiev, Gos. izd-vo sel'khoz. lit-ry USSR, 1961. 323 p.
(DA)

OS'MOVA, M. N. [Building of socialism in the agriculture of the European people's democracies] Stroitel'stvo sotsializma v sel'skom khoziaistve evropeiskikh stran narodnoi demokratii. [Moskva] Izd-vo Mosk. univ., 1961. 57 p.
(DA)

PASICHNYK, P. P. [How productivity in stockbreeding will be increased in the Ukraine] IAk zrostatyme produktsiia tvarynnytstva na Ukraini. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 61 p. (Vcheni Ukrainy - narodnomu hospodarstvu)
(DA)

PETERBURGSKII, A. V., ed. [Manual for workers in agricultural chemistry laboratories] Posobie dlia rabotnikov agrokhimicheskikh laboratorii. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 431 p.

PIATNITSKII, S. S. [Handbook on tree breeding] Praktikum po lesnoi selektsii. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 270 p. (Uchebniki i uchebnye posobiia dlia lesokhoziaistvennykh i sel'skokhoziaistvennykh vuzov)
(DA)

POPOVA, M. [Diseases and pests of fruits, berries, and grapes] Vreditели i bolezni plodovo-iagodnykh kul'tur i vinograda. Izd. 2. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1961. 271 p. (Uchebniki i uchebnye posobiia dlia podgotovki sel'skokhoziaistvennykh kadrov massovoi kvalifikatsii)
(DA)

PRIANISHNIKOV, D. N. [Field fertilization and crop rotation, selected articles] Ob udobrenii polei i sevooborotakh, izbrannye stat'i. Moskva, Izd-vo M-va sel'. khoz. RSFSR, 1962. 253 p.

PRIKASPIISKAIA EKSPEDITSIIA. [Nature and agriculture in the Volga-Akhtuba Flood Plain and Volga Delta] Priroda i sel'skoe khoziaistvo Volgo-Akhtubinskoi doliny i del'ty Volgi, trudy. [Moskva] Izd-vo Mosk. univ., 1962. 448 p.
(DA)

PROKOP'EV, G., and L. MALTABAR. [Viticulture in the seven-year plan of Moldavia] Vinogradarstvo Moldavii v semiletke. Kishinev, Gos. izd-vo "Kartia Moldovenieske," 1960. 78 p.
(DA)

PUSHKIN. PUSHKINSKAIA LABORATORIIA RAZVEDENIA SEL'SKOKHOZIAISTVENNYKH ZHIVOTNYKH [Increasing livestock production; recent developments in stockbreeding] Povyshenie produktivnosti sel'skokhoziaistvennykh zhivotnykh, novoe v razvedenii sel'skokhoziaistvennykh zhivotnykh. Pod obshchei red. M. M. Lebedeva. Moskva, Sel'khozizdat, 1961. 149 p.
(DA)

SAPUNOV, P. E. [Sixty-two centners of corn per hectare] 62 tsentnera zerna kukuruzy s gektara. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1962. 77 p.
(DA)

SHEVCHENKO, F. P. [Toward the goals of 75 and 16 centners] K rubezham 75 i 16. Moskva, Izd-vo "Sovetskaia Rossiia," 1962. 142 p.
(DA)

SKORYNA, S. O. [Knowledge of soil is the basis for its correct use] Znannia hruntiv-osnova pravyl'noho ikh vykorystannia. Kyiv, Derzh. vyd-vo sel's'kohospodars'koi lit-ry URSR, 1961. 48 p. (Bibliotechka "Rezervy semyrichky v sil's'komu hospodarstvi")
(DA)

SOLOV'EV, A. A., and V. N. NIKITIN. [Penless outdoor maintenance of swine] Besstanochnoe svobodno-vygul'noe soderzhanie svinei. [Vologda] Vologodskoe knizhnoe izd-vo, 1962. 54 p.
(DA)

SOVESHCHANIE RABOTNIKOV SEL'SKOGO KHOZIAISTVA POVOLZH'IA, Saratov, 1961. [Put the resources of the land in the service of our country] Bogatstva zemli - na sluzhbu Rodine; materialy. Moskva, Izd-vo M-va sel'. khoz. RSFSR, 1962. 159 p.

[STATE FARM DIRECTOR] Direktor sovkhoza. [Moskva] Mosk. rabochii, 1961. 127 p.
(DA)

STEPANOV, V. N. [Key to the solution of the protein problem] Kliuch k resheniiu belkovoi problemy. Moskva, Izd-vo "Znanie," 1962. 47 p. (Novoe v zhizni, nauke, tekhnike. Seriia 5: Sel'skoe khoziaistvo, no. 2)

TIMOFEEV, V. P. [Forest thinning and cleaning] Osvetleniia i prochistki. 3., perer. izd. Moskva, Goslesbumizdat, 1961. 65 p.
(DA)

TOLMACHEV, I. N. [Construction on collective farms in the Dniester Valley] Stroitel'stvo v kolkhozakh Pridnestrov'ia. Kishinev, Gos. izd-vo "Kartia moldovenieske," 1960. 56 p.
(DA)

TSEIKO, A. I., and K. T. KOZHEVNIKOV. [Irrigation of vineyards] Oroshenie vinogradnikov. Simferopol', Krymizdat, 1961. 93 p.
(DA)

TSENTRAL'NAIA LABORATORIIA PO KARANTINU SEL'SKOKHOZIAISTVENNYKH RASTENII. [Methodological handbook for laboratory guarantine analysis of plants and soils] Metodicheskoe rukovodstvo po laboratornoi karantinnoi ekspertize rastitel'nykh materialov i pochvy. Moskva, Izd-vo M-va sel'. khoz SSSR, 1960. 175 p
(DA)

TSENTRAL'NAIA STANTSIIA IUNYKH TEKHNIKOV, Moscow. [To young flower growers] IUnym tsvetovodam [Moskva] Izd-vo "Detskii mir," 1962 1 fold. l. (Prilozhenie k zhurnalu "Iunyi tekhnik," no 7(121))

UKRAINS'KII NAUKOVO-DOSLIDNYI INSTYTUT FIZIOLOGII ROSLYN. [Advice for the use of boron fertilizers in agriculture] Rekomendatsii po zastosuvanniu bornykh dobryv v sil's'komu hospodarstvi. Kyiv, Vyd-vo Ukrains'koi akademii sil's'kohospodars'kykh nauk, 1961 10 p.
(DA)

UL'IANOV, A. F., and V. G. KOBA. [Overall mechanization of livestock farms] Kompleksnaia mekhanizatsiia v zhivotnovodstve [Saratov] Saratovskoe knizhnoe izd-vo, 1961 261 p.
(DA)

VARGA, E. L. [Golden grains] Zoloti zerna. Uzhhorod, Zakarpats'ke oblasne knyzhkovo-gazetne vyd-vo, 1961. 19 p.
(DA)

VELKOV, V. [Pruning fruit trees] Obrezka plodovykh derev'ev 2. stereotipnoe izd russkogo perevoda Sofiia, Gos izd-vo sel'khoz. lit-ry, 1961. 222 p
(DA)

VESELOV, N. A., and V. M. MATVEEV. [Loose housing of cattle, from experience of the "Shuiskii" State Farm] BesprivIaznoe soderzhanie skota, iz opyta raboty sovkhoza "Shuiskii." [Ivanovo] Ivanovskoe knizhnoe izd-vo, 1962 53 p
(DA)

VSESOIUZNAIA AKADEMIIA SEL'SKOKHOZIAISTVENNYKH NAUK IMENI V. I. LENINA. Otdelenie gidrotekhniki i melioratsii. [Brief summary of the work research institutes in hydraulic engineering and soil improvement during 1960] Kratkii itog rabot nauchno-issledovatel'skikh institutov po gidrotekhnike i melioratsii za 1960 god. Moskva, 1961. 97 p.
[MICROFILM]

[WORKING THE GITALOV WAY] Rabotat' po-gitalovski. [Belgorod] Belgorodskoe knizhnoe izd-vo, 1962. 25 p
(DA)

ZARUBAILO, T. IA. [Hybridization and its importance in increasing the productivity in plants] Gibridizatsiia i ee znachenie v povyshenii produktivnosti rastenii Leningrad, Izd-vo sel'khoz lit-ry, zhurnalov i plakatov, 1961 117 p.
(DA)

ZHOKHOV, P. I., and others. [Tent caterpillar, Dendrolimus sibericus, and measures for its control] Sibirskii shelkopriad i mery bor'by s nim. Pod obshchei red. N. G. Kolomiitsa i P. I. Zhokhova. Moskva, Goslesbumizdat, 1961. 139 p.
(DA)

16. TECHNOLOGY

AKADEMIIA NAUK SSSR. Institut avtomatiki i telemekhaniki. [Automatic regulation and control] Avtomaticheskoe regulirovanie i upravlenie. Moskva, Izd-vo Akad. nauk SSSR, 1962. 526 p.

AKADEMIIA NAUK SSSR. Institut gornogo dela. [Freezing of rock during shaft sinking] Zamorazhivanie gornykh porod pri prokhodke stvolov shakht. Moskva, Izd-vo Akad. nauk SSSR, 1961. 216 p.
[MICROFILM]

AKADEMIIA NAUK SSSR. Komissiia po tekhnologii mashinostroeniia. [High-production grinding] Vysokoproizvoditel'noe shlifovanie. Otv. red. E. N. Maslov. Moskva, Izd-vo Akad. nauk SSSR, 1962. 246 p.

AKADEMIIA NAUK URSR, Kiev. Instytut metalokeramiky i spetsial'nykh splaviv. [Surface phenomena in metals and alloys and their role in powder metal processes] Poverkhnostnye iavleniia v metallakh i splavakh i ikh rol' v protsessakh poroshkovoi metallurgii. Kiev, Izd-vo Akad. nauk USSR, 1961. 213 p.

AKADEMIIA NAUK SSSR. Kol'skii filial, Kirovsk. [Flotation of Olenegorsk deposit iron oxides] Flotatsiia okislov zheleza Olenegorskogo mestorozhdeniia. Apatity, 1961. 83 p.

AKADEMIIA PEDAGOGICHESKIKH NAUK RSFSR, Moscow. Institut teorii i istorii pedagogiki. [Manual training in eight-year schools, conference on theory and practice of the Sverdlovsk Province teachers] Iz opyta trudovogo vospitaniia v vos'miletnei shkole; nauchno-prakticheskaia konferentsiia uchitelei Sverdlovskoi oblasti Pod red. L. N. Novikovoi Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1961. 190 p. (Pedagogicheskie chtenila)

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut betona i zhelezobetona, Perovo. [Provisional instructions for designing walls of industrial buildings subjected to physical and chemical action] Vremennye ukazaniia po proektirovaniiu sten promyshlennykh zdanii s agressivnoi sredoi Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 38 p.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. [Instructions on the technology of transporting and dispensing concrete mixes by concrete pumps and pneumatic placer machines] Ukazaniia po tekhnologii transportirovaniia i raspredeleniia betonnoi smesi betononasosami i pnevmonagnetateliami Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961 143 p.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. [Preparation of mortar and concrete mixes] Prigotovlenie rastvorov i betonnykh smesei Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 199 p.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut sanitarnoi tekhniki. [Basic recommendations on the use of pressure pipes made of low-density polyethylene (high pressure)] Osnovnye rekomendatsii po primeneniiu napornykh trub iz polietilena nizkoi plotnosti (vysokogo davleniia). Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 63 p.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut sanitarnoi tekhniki. [Temporary instructions for the design of hot-air heating systems, combined with supply-exhaust ventilations, in residential buildings] Vremennye ukazaniia na proektirovanie sistem vozdushnogo otopleniia, sovmeshchennogo s pritochno-vytiazhnoi ventiliatsiei, v zhilykh domakh. Vtoraia redaktsiia. Moskva, 1961. 126 p.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut sanitarnoi tekhniki. [Temporary instructions for the use of heating systems with concrete heating panels] Vremennye ukazaniia po primeneniiu sistem otopleniia s betonnymi otopitel'nymi paneliami. Moskva, Biuro proektno-konstruktorskoe i tekhn. pomoshchi, 1961. 64 p.

ALEKSEEV, P. A., and N. A. MOISEEVA. [Use of refrigeration in the manufacture of grape wine and concentrated juices] Primenenie kholoda v proizvodstve vinogradnykh vin i kontsentrirovannykh sokov. Moskva, Gostorgizdat, 1962. 47 p. (Obzor zarubezhnoi kholodil'noi tekhniki)

ALIEV, M. D. [Mechanized quality control in the assembling of deep pumps] Mekhanizatsiia kontrolia kachestva sborki glubinnykh nasosov. Baku, Ob"edinennoe izd-vo, 1959. 14 p. (Serlia: Neftedobyvaiushchaia promyshlennost')
[MICROFILM]

ALIEV, V. S., N. B. AL'TMAN, and B. G. TER-SARKISOV. [Research in the field of catalytic and thermal-contact refining of the heavy fraction of crude] Issledovaniia v oblasti kataliticheskoi i termokontaktnoi pererabotki tiazhelogo neftianogo syr'ia. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1961. 282 p.

ANAN'EV, S. P. [Driver of horizontal and inclined galleries] Prokhodchik gorizontal'nykh i naklonnykh vyrabotok. Moskva, Gosgortekhizdat, 1962. 222 p.

ANDREEV, N. F., and T. S. ZHOTKEVICH. [Hydraulic units mounted on tractors] Gidravlicheskie navesnye sistemy traktorov. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1962. 266 p.

ARESHKIN, G. I., and others. [Training manual for motor-vehicle drivers] Posobie dlia podgotovki voditelia avtomobilia. Moskva, Voen. izd-vo M-va obor. SSSR, 1962. 501 p.

ARKHANGEL'SKII, B. A. [Plastics; manual on the use of plastics in shipbuilding and allied technical fields] Plasticheskie massy; spravochnoe posobie po primeneniiu plasticheskikh mass v sudostroenii i v smezhnykh oblastiakh tekhniki. Leningrad, Sudpromgiz, 1961. 719 p.

ARONIN, G. S. [Practical aerodynamics; manual for flight crews] Prakticheskaia aerodinamika, uchebnik dlia letnogo sostava. Moskva, Voen. izd-vo M-va oborony SSSR, 1962. 382 p.

ASNIS, A. E. [Dynamic strength of weld joints in low-carbon and low-alloy steel] Dinamicheskaia prochnost' svarnykh soedinenii iz malouglerodistoi i nizkolegirovannykh stalei. Moskva, Mashgiz, 1962. 170 p.

ASTAF'EV, V. IA., and M. A. PROKHOROV. [Automation in the manufacture of precast reinforced concrete] Avtomatizatsiia v proizvodstve sbornogo zhelezobetona. [Penza] Penzenskoe knizhnoe izd-vo, 1961. 61 p.

AVDUS', P. B., and A. S. SAPOZHNIKOVA. [Determining the quality of grain, flour, and groats] Opredelenie kachestva zerna, muki i krupy. Moskva, Zagotizdat, 1961. 245 p.

AVERBUKH, A. IA. [This is made from wood] Eto iz drevesiny. Moskva, Izd-vo "Znanie," 1962. 31 p (Novoe v zhizni, nauke, tekhnike. IV Serila: Tekhnika, no. 2)
[MICROFILM]

AVMOCHKIN, A. V. [Automatic instruments in the textile industry] Avtomaticheskie pribory v tekstil'nom proizvodstve. [Ivanovo] Ivanovskoe knizhnoe izd-vo, 1961. 200 p.

AVRUTIN, A. M. [Put potentials in the service of the seven-year plan] Rezervy - na sluzhbu semiletke. Minsk, Gos. izd-vo BSSR, Red. proizvodstvennoi lit-ry, 1961. 59 p. (Bibliotechka novatora)
[MICROFILM]

AZERBAIDZHANSKOE NAUCHNO-TEKHNICHESKOE OBSHCHESTVO NEFTEGAZOVOI PROMYSHLENNOSTI. [Instructions on the hydraulic fracturing of producing and injection wells] Instruktsiia po primeneniiu gidravlicheskogo razryva plasta v neftianykh i nagnetatel'nykh skvazhinakh. Baku, 1960. 56 p.
[MICROFILM]

BABANOV, G. P. [Safety measures and labor hygiene in the enamel shops of lacquer and paint factories] Tekhnika bezopasnosti i gigiena truda v emalevykh tsekhakh lakokrasochnykh zavodov. Moskva, Goskhimizdat, 1961. 21 p. (Pamiatka po tekhnike bezopasnosti)

BABICH, R. M. [Plastics in construction] Plastmassy v stroitel'stve. Voronezh, Izd-vo Voronezhskogo univ., 1961. 54 p.

BAKSHI, O. A. [Stresses and warpage in welding] Napriazhenila i koroblenie pri svarke. Moskva, Mashgiz, 1961. 69 p. (Nauchno-populiarnaia biblioteka rabochego-svarshchika, no. 4)

BARAMIDZE, K. M., and I. IA. KOGAN. [Suspended passenger cable railroads] Passazhirskie podvesnye kanatnye dorogi. Moskva, Mashgiz, 1962. 215 p.

BARBARINA, T. M., M. P. SUKHOV, and N. A. SHELUDIAKOV. [Fiber-glass building materials] Steklovoloknistye stroitel'nye materialy. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 167 p.

BARSKII, I. B. [Design of tractors] Konstruirovanie i raschet traktorov. Moskva, Mashgiz, 1962. 375 p.

BARSKII, M. P. [Safety manual for operators of mobile electric power plants] Pamiatka po tekhnike bezopasnosti dlia mashinista peredvizhnykh elektrostantsii. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 21 p. (Tekhnika bezopasnosti)

BEL'FOR, M. G., and V. K. LEBEDEV. [Equipment for electric arc and electric slag welding and hard facing] Oborudovanie dlia elektrodugovoi i elektroshlakovoi svarki i naplavki. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1961. 197 p.

BELIAKOV, V. I. [Stamping on special equipment] Shtampovka na spetsial'nom oborudovanii. Pod red. A. S. Kon'kova. Moskva, Mashgiz, (Nauchno-populiarnaia biblioteka rabochego kuznetsa, no. 13)

BELIAKOVA, IE. P., and I. M. FRANTSEVYCH. Maksym Vlasovych Luhovtsov. Kyiv, Vyd-vo Akad. nauk URSR, 1958. 35 p. (Vcheni Ukrains'koi RSR)

BELOV, E. N. [Practical manual for the establishment of technical norms] Prakticheskoe rukovodstvo po tekhnicheskomu normirovaniiu truda. Pod red. P. F. Petrochenko. Moskva, Gos. izd-vo mestnoi promyshl. i khudozh. promyslov RSFSR, 1961. 193 p.

BEREZHNEV, V.I. [Operation of water-supply systems] Ekspluatatsiia vodoprovodnykh setei. Moskva, Izd-vo M-va kommun. khoz., 1961. 101 p.

BEREZKIN, P.N [Built-up welding of dies] Naplavka shtampov. Pod red. A.V. Kovalenko Moskva, Mashgiz, 1961. 27 p (Biblioteka mashinostroitelia. Serila: Za ekonomiiu metallov i elektroenergii)

BERNSHTEIN, S.A. [Strength of materials] Soprotivlenie materialov. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 463 p.

BERSENEV, A.S. [Flaws in casting, their prevention and correction] Brak lit'ia, ego preduprezhdenie i ispravlenie. Pod obshchei red. A.M Lipnitskogo Moskva, Mashgiz, 1961 69 p. (Bibliotechka litoishchika, no. 11)

BOGDANOV, G.T. [Handbook for determining the cost of drainage operations] Spravochnoe posobie dlia opredeleniia stoimosti rabot po osushcheniu. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 149 p

BOGUSLAVSKII, B.L. [Semiautomatic and automatic lathes and automatic lines] Tokarnye polуavtomaty, avtomaty i avtomatizirovannye linii. Izd. 3., perer. i dop. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1961. 500 p.

BOIARSKII, V.S. [Volumes of round logs] Ob"emy kruglykh lesomaterialov. Izd. 4., dop. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1961. 565 p.

BOKCHUBAEV, TENTI. [Technology is the foundation of achievements] Tekhnika - ilgiliktin negizi. Frunze, Kyrgyzstan mamlekettik basmasy. 1960. 48 p. [In Kirghiz]

BONDARENKO, A.P. [Precast concrete supports] Sbornaia silikatnaia krep'. Kiev, Gos. izd-vo tekhn lit-ry USSR, 1961. 76 p.

BORDZENKO, L.S. [Prefabricated domestic stoves and chimneys] Sbornye bytovye pechi i dymovye truby. Moskva, Gosstroiizdat, 1962. 74 p.

[BORER'S MANUAL] Spravochnik sverlovshchika. Moskva, Mashgiz, 1962. 323 p.

BORISENKO, A.I. [Gas dynamics of engines] Gazovaia dinamika dvigatelei. Moskva, Gos. nauchno-tekhn. izd-vo, Oborongiz, 1962. 793 p.

BORISENKO, I.G. [Use of radio in the training of aviation sportsmen] Ispol'zovanie radio v podgotovke aviatsionnykh sportsmenov. Moskva, Izd-vo DOSAAF, 1961. 95 p.
[MICROFILM]

BORISOV, V.I., comp. [Special and basic equipment of mechanical assembly shops in instrument plants] Nestandartnoe oborudovanie i osnastka mekhanicheskikh sborochnykh tsekhov priborostroitel'nykh zavodov. Moskva, Otdel nauchno-tekhn. informatsii, 1959. 158 p.
[MICROFILM]

BORNATSKII, I.I. [Use of natural gas for the operation of open-hearth furnaces] Primenenie prirognogo gaza dlia otopleniia martenovskikh pechei. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1962. 105 p.

BOROVIK, Z.G. [Technological innovations for saving electric power] Tekhnicheskie usovershenstvovaniia dlia ekonomii elektroenergii. Pod red. A.V. Kovalenko. Moskva, Mashgiz, 1961. 30 p. (Biblioteka mashinostroitelia. Serila: Za ekonomiiu metallov i elektroenergii)

BRANDELIS, A.M. [Operator of automatic lathes] Avtomatchik na tokarnykh avtomatakh. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1961. 230 p.

BULAVIN, N.P. [Selenium rectifiers] Selenovye vypriamiteli. Moskva, Gos. energ. izd-vo, 1961. 48 p. (Biblioteka elektromontera, no. 42)
[MICROFILM]

BUTYLOCHKIN, M.I. [The TU-2M diesel locomotive for a 750 mm gauge track; basic design and operation] Teplovoz TU-2M kolei 750 mm; ustroistvo i ekspluatatsiia. Moskva, Goslesbumizdat, 1961. 150 p.

CHALYI, A.T., and A.M. KROT. [Mechanical drawing; textbook for grades nine and ten] Cherchenie, uchebnik dlia 9 i 10 klassov. Kiev, Gos. uchebno-pedagog. izd-vo "Radians'ka shkola," 1961, 195 p.

CHERNYI, F.B. [Propagation of radio waves] Rasprostranenie radiovoln. Moskva, Izd-vo "Sovetskoe radio," 1962. 479 p.

CHIRIATNIKOV, V.I. [Boning and sinewing of meat] Obvalka i zhilovka miasa. Moskva, Pishchepromizdat, 1961 62 p. (Biblioteka molodogo rabochego)

DANILEVSKII, V.V. [Handbook for young technologists and mechanical engineers] Spravochnik molodogo tekhnologa-mashinostroitelia Izd. 2., ispr. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1960. 414 p.

DEGTIAREV, V.A., N.F. DRONOVA, and T.S. ZHOTKEVICH. [Using multiple purpose hydraulic systems with separate units and mounted devices] Kak pol'zovat'sia universal'nymi razdel'no-agregatnymi gidravlicheskimi sistemami i navesnymi ustroistvami. Moskva, Izd-vo M-va sel'. khoz. RSFSR, 1961. 142 p.

D'IACHENKO, I.M. [Organization of labor in mine sections] Organizatsiia truda na uchastkakh shakhty Moskva, Gos. nauchno-tekhn izd-vo lit-ry po gornomu delu, 1961. 127 p.

DMITREVSKII, S.M., V.A. SHESTAKOV, and A.I. SHNEIDER. [Current maintenance of logging roads] Tekushchee soderzhanie lesovoznykh avtomobil'nykh dorog. Moskva, Goslesbumizdat, 1961. 73 p.

DMITRIEV, S.I. [Mining thick steep and inclined seams using flexible roof supports] Razrabotka moshchnykh krutykh i naklonnykh plastov s primeneniem gibkikh perekrytii. Moskva, Gos. nauchno-tekh. izd-vo lit-ry po gornomu delu, 1962. 98 p.

DOKUKIN, A.G. [Manual for the sawmill foreman] Rukovodstvo masteru lesozavoda. Moskva, Goslesbumizdat, 1961. 148 p.

DOKUKIN, A.V., V.N. ISTOMIN, and L.I. TISHCHENKO. [Wear, lubrication, and repair of stoping machinery] Iznos, smazka i remont zaboinykh mashin. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 167 p.

DOLMATOVSKII, G.A. [Manual for specialists in metal cutting] Spravochnik tekhnologa po obrabotke metallov rezaniem. 3. izd., perer. Moskva, Mashgiz, 1962. 1235 p.

DOLMATOVSKII, IU.A. [Fundamentals of the design of motor-vehicle bodies] Osnovy konstruirovaniia avtomobil'nykh kuzovov. Izd. 2., perer. Moskva, Mashgiz, 1962. 318 p.

DONCHENKO, P.A. [Use of slag-volitization apparatus at the V.I. Lenin Lead and Zinc Combine of Ust'-Kamenogorsk] Opyt eksploatatsii shlakovozgonochnoi ustanovki na Ust'-Kamenogorskom svintsovotsinkovom kombinate im. V.I. Lenina. Alma-Ata, TSentr. in-t nauchno-tekhn. informatsii, 1960. 17 p.
[MICROFILM]

DOZHDIKOV, B.V., and K.B. SEREBRIAKOV. [Hydraulic systems of tractors and SK-3 combines] Gidrosistemy traktorov i kombaina SK-3. [Gor'kii] Gor'kovskoe knizhnoe izd-vo, 1961. 101 p.

DUDNIK, P.E. [Burnishing and finishing tools and mandrels] Obkatki, raskatki i dorny. Moskva, Mashgiz, 1962. 73 p.

DAVYDOV, S.U., A.K. KOPYLOVA, and A.F. SAFONOV. [Technology, sanitation and hygiene of sausage production] Tekhnologiia, sanitariia i gigiena kolbasnogo proizvodstva. Moskva, Izd-vo TSentrosoiuza, 1962. 151 p.

EFRUSSI, IA.I., ed. [Pulse methods for television measurements. Translated articles] Impul'snye metody televizionnykh izmerenii; sbornik statei. Moskva, Izd-vo inostr. lit-ry, 1961. 114 p. (Nauchnye problemy radioelektroniki)

EIDEL'MAN, L.IA. [Asymmetry of the power supply bridges of telephone stations] Assimmetriia pitaiushchikh mostov telefonnykh stantsii. Moskva, Sviaz'izdat, 1962. 121 p.

[ELECTRICIAN'S MANUAL] Spravochnoe posobie elektromontera. 2., perer. izd. Pod red. A.I. Rutskogo. Minsk, Gos. izd-vo BSSR, Red. nauchno-tekhn. lit-ry, 1961. 377 p.

ELENESKU, ANNA, [120 dishes prepared with potatoes] 120 bliud iz kartofelia. Bukharest, 1961. 70 p.

EL'IASHKEVICH, S.A. [Use of a wobbulator in tuning a television receiver] Nastroika televizora s pomoshch'iu generatora kachaiushcheisia chastoty. Moskva, Gos. energ. izd-vo, 1962. 63 p. (Massovaia radiobiblioteka, no. 439)

ERDAKOV, V.I., and L.S. MININ. [Laboratory practical work on the strength of materials] Laboratornyi praktikum po soprotivleniiu materialov dlia studentov zaochnykh vtuzov. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 188 p.

EVGRAFOV, G.K., and others [Prestressed bridge girders with stretching of the reinforcement before the concrete is placed] Predvaritel'no napriazhennye balochnye proletnye stroeniia mostov s napriazheniem armatury do betonirovaniia. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1962. 282 p.

EZERSKII, G.E., and G.V. MUKHANOV. [Manufacture of light footwear and house slippers] Proizvodstvo legkoi i komnatnoi obuvi. Moskva, Rostekhizdat, 1962. 205 p.

FEDOROV, N.F., and L.E. VOLKOV. [Hydraulic calculations relating to sewer systems; calculation tables] Gidravlicheskii raschet kanalizatsionnykh setei; raschetnye tablitsy. 3., ispr. i dop. izd. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1961 253 p.

FILIPPOVA, L.S., ed. [Cooperation between railway and industrial transportation] Voprosy vzaimodeistviia zheleznodorozhnogo i promyshlennogo transporta. Moskva, Transzheldorizdat, 1960. 214 p.
(DBC)

FONGAUZ, M.I. [Hygiene of work in the petroleum industry] Gigiena truda v neftianoi promyshlennosti. 2 izd., perer. i dop. Moskva, Medgiz, 1962. 189 p. (Biblioteka sanitarnogo vracha)
(DNLM)

FRIDMAN, IA.B., T.K. ZILOVA, and N.I. DEMINA. [Using the method of rolled-on gratings in investigating plastic deformation and breakdown] Izuchenie plasticheskoi deformatsii i razrusheniia metodom nakatannykh setok. Moskva, Gos. nauchno-tekhn. izd-vo Oborongiz, 1962 187 p.

GAMYNIN, N.S. [Fundamentals of a hydraulic tracking drive] Osnovy slediashchego gidravlicheskogo privoda. Moskva, Gos. nauchno-tekhn. izd-vo Oborongiz, 1962. 292 p.

GARIAINOV, S.A., ed. [Negative resistance semiconductor devices. Translated articles] Poluprovodnikovye pribory s otritsatel'nym soprotivleniem, sbornik perevodnykh statei. Moskva, Gos. energ. izd-vo, 1962. 238 p

GENDIN, V.IA. [Electrical heating in the manufacture of reinforced concrete elements and blocks] Elektroprogrev v proizvodstve sbornykh zhelezobetonnykh izdelii i blokov. Moskva, Gos. izd-vo lit-ry po stroit. materialam, 1961. 195 p.

GEVONDIAN, T.A., and L.T. KISELEV. [Devices for measuring and recording vibrations] Pribory dlia izmerenila i registratsii kolebanii. Moskva, Mashgiz, 1962. 467 p.

GIRSHOVICH, N.G., ed. [Production and properties of cast iron with spheroidal graphite] Poluchenie i svoistva chuguna s sharovidnym grafitom. Moskva, Mashgiz, 1962. 351 p.

GLAZ, A.I. [Manual for beginning electricians] Spravochnik molodogo elektrotekhnika. Pod red. B.V. Getlinga. 3. izd., ispr. Moskva, Proftekhizdat, 1961. 403 p.

GLEBOV, G.A. [Modernization of lathes] Modernizatsiia tokarnykh stankov; opyt Sestroretskogo instrumental'nogo zavoda im. Voskova. Leningrad, 1961. 19 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serila: Mekhanicheskaia obrabotka metallov, no. 24)

GOL'BRAIKHT, IU.A. [Safety measures in the coke chemicals industry] Tekhnika bezopasnosti v koksokhimicheskom proizvodstve. Izd. 3., dop. i ispr. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1960. 310 p.

GOLOSOV, V. [Basic trends of technological development in Kazakhstan] Osnovnye napravleniia tekhnicheskogo progressa v Kazakhstane. Alma-Ata, 1960. 51 p.
[MICROFILM]

GOLUBEVA, Z.S., O.V. KALOSHINA, and N.I SOKOLOVA. [Textbook for laboratory and practical work in geodesy] Posobie k laboratorno-prakticheskim zaniatiiam po geodezii. Izd. 2. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 222 p. (Uchebniki i uchebnye posobiia dlia vysshikh sel'skokhoziaistvennykh uchebnykh zavedenii)
[MICROFILM]

GONCHAROV, B.P., and B.M. SHLIMOVICH. [Semiconductors in agriculture] Poluprovodniki v sel'skom khoziaistve. Moskva, Izd-vo "Znanie," 1962. 29 p. (Novoe v zhizni, nauke, tekhnike. V Serila: Sel'skoe khoziaistvo, no. 4)

GORBACHEV, B.K. [Techniques of composite motion-picture photography] Tekhnika kombinirovannykh s"emok. Izd. 2. Moskva, Gos. izd-vo "Iskusstvo," 1961. 274 p.

GORSKII, V. V [Design of reinforced concrete structures subject to torsional forces] Proektirovanie zhelezobetonnykh konstruktsii, podverzhennykh kruchenitu Kiev, Gos izd-vo lit-ry po stroit i arkhit USSR, 1961 139 p (Bibliotechka inzhenera-konstruktora)

GRIGOR'IANTS, V G. [Introduction to a course on radar equipment] Vvedenie v kurs radiolokatsionnoi apparatury. [Moskva] Izd-vo Mosk univ., 1962. 177 p.

GRINBERG, G S , and I R S DEICH [Electrical installation and wiring materials] Elektromontazhnye izdeliia Moskva, Gos energ izd-vo, 1961. 55 p (Biblioteka elektromontera, no 46)

[MICROFILM]

GRISHCHENKO, A Z [Automation in the manufacture of synthetic fibers] Avtomatizatsiia v proizvodstve khimicheskikh volokon Kiev, Gos izd-vo tekhn lit-ry USSR, 1962 48 p.

GULIN, V M., N. N. POTAPOVA, and T. K. IAKOVLEVA [Mechanization of secondary and auxiliary operations] Mekhanizatsiia podsobno-vspomogatel'nykh rabot. [Ivanovo] Ivanovskoe knizhnoe izd-vo, 1961. 46 p.

GUROV, V A. [Handbook on the endocrine, enzymatic, and special raw materials for and the production of organic preparations] Spravochnik po endokrinnomu, fermentnomu, spetsial'nomu syr'iu i proizvodstvu organopreparatov Moskva, Pishchepromizdat, 1961 307 p

GUREDESKUL, A B [New Soviet-made motor vehicles] Novi radians'ki avtomobili Kyiv, 1961 51 p (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR Ser. 7, no. 11)

GUKOVLEV, IU. S [Hydrodynamics of explosions] Gidrodinamika vzryva. Leningrad, Sudpromgiz, 1961 312 p.

GUKOVLEV, K. P., ed [Concise physical and technological handbook] Kratkii fiziko-tekhnicheskii spravochnik. Moskva, Gos. izd-vo fiziko-matem lit-ry.
Vol. 3 [Heat engineering, electrical engineering, radio engineering, and electronics] Teplotekhnika, elektrotekhnika, radiotekhnika i elektronika. 1962. 686 p

GUSLVLEV, V. I., and P V SKLIAROV [Experience in the installation of 110 to 220 kv power transformers] Iz opyta montazha silovykh transformatorov napriazheniem 110-220 kv. Moskva, Gos energ izd-vo, 1961. 40 p (Biblioteka elektromontera, no. 58)

GUSNATENKO, K. P., A. V. BRAITSEV, and E. G. VEITS. [Mine ventilation, lighting, fires, and rescue work] Rudnichnaia ventilitatsiia, osveshchenie, rudnichnye pozhary i gornospasatel'noe delo. Izd. 2. Moskva, Gosgortekhizdat, 1961. 266 p.

GUSINTERNATIONAL CONFERENCE ON LARGE ELECTRIC SYSTEMS, 18th, Paris, 1960. [Super-high voltage power transmission lines] Linii elektroperedachi sverkhvysokogo napriazheniia, doklady Mezhdunarodnoi konferentsii po elektricheskim sistemam (CIGRE) 1960 g. Pod red. S. S. Rokotiana. Moskva, Gos. energ. izd-vo, 1961. 327 p.

GUSKII, G. L. [Lighting equipment and techniques in motion-picture projection] Svetotekhnika kinoproektsii. Moskva, Gos. izd-vo "Iskusstvo," 1961. 263 p.

GUSTANOV, M. N. [Adjustment of spatial phototriangulation] Uravnivanie prostranstvennoi fototriangulitatsii Moskva, Izd-vo geodez. lit-ry, 1961 70 p.

GUSULOV, V. K. [Integral equations of the equilibrium type and their application to the dynamic design of rods and beams] Integral'nye uravneniia tipa balansa i ikh primenenie k dinamicheskomu raschetu sterzhnei i balok. Tashkent, Izd-vo Akad. nauk Uzbekskoi SSR, 1961. 185 p.

GUSMENSKII, V. G. [Lightweight wall elements in housing construction] Oblegchennye stenovye konstruktsii v zhilishchnom stroitel'stve. Minsk, Gos. izd-vo BSSR. Red. nauchno-tekhn. lit-ry, 1962. 123 p.

GUSMINAROV, N. IA. [Organizing the production training of post, telegraph and telephone communication operators] Organizatsiia proizvodstvennogo obucheniia operatorov pochtovo-telegrafno-telefonnoi sviazi. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1961. 31 p. (Obmen opytom raboty)

GUSMNEV, V. N. [Installation and servicing of secondary commutation systems] Montazh i obsluzhivanie ustroistv vtorichnoi kommutatsii. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1962. 499 p.

KANAEV, A. A [Atomic power plants] Atomnye energeticheskie ustanovki Leningrad, Sudpromgiz, 1961 427 p.

KAPELIUSHNIKOV, G. I., V. I. KLITSUNOV, and V. F MANEVICH [Safety measures in underground coal mining] Tekhnika bezopasnosti pri podzemnoi dobyche uglia Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1962 503 p

KARAEV, M A [Drill pumps for test drilling] Burovye nasosy strukturno-poiskovogo bureniia Baku, Azerbaidzhanskoe gos izd-vo, 1961 112 p

KARAVAEV, A P. [Carrying out laboratory and practical exercises in a farm mechanization school] Provedenie laboratorno-prakticheskikh zaniatii v uchilishche mekhanizatsii sel'skogo khoziaistva. Moskva, Vses uchebno-pedagog. izd-vo Proftekhizdat, 1961 30 p (Obmen opytom raboty)

KARPUS, S. I. [A roofer discusses his work] Krovel'shchik o svoei rabote. Riga, Latviiskoe gos. izd-vo, 1961. 132 p.

KAZACHKOVSKII, O D. Issledovatel'skie, eksperimental'nye i ispytatel'nye reaktory Research, experimental and test reactors Vienna, International Atomic Energy Agency, 1960 56 p. (International Atomic Energy Agency Review series, no 8) [With summaries in English, French, and Spanish] (NcRS)

KAZOVSKII, E. IA. [Transient processes in a. c. machinery] Perekhodnye protsessy v elektricheskikh mashinakh peremennogo toka. Moskva, Izd-vo Akad nauk SSSR, 1962. 624 p.

KELLER, A A., and P. F. SUKHOMLINOV. [Petroleum and chemistry] Neft' i khimiia. Moskva, Gostoptekhizdat, 1962. 78 p.

KHABENSKII, M. A. [Program control of machine tools] Programmnoe upravlenie metallorezhushchikh stankov. Moskva, Mashgiz, 1962. 36 p. (Nauchno-populiarnaia biblioteka rabochego-stanochnika, no. 32)

KHAKHALIN, L. A. [Master of the night sky] Khoziain nochnogo neba. [Leningrad] Lenizdat, 1961. 101 p. (Nashi sovremenniki)

KHOLODILIN, N. N. [Enameling of steel and cast iron wares] Emalirovanie stal'nykh i chugunnykh izdelii. Izd. 2., perer. i dop. Pod red. M. I. Emel'ianova. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1962. 350 p.

KNIAZHITSKII, I. I., and G V. UST'-SHOMUSHSKII. [Machine tools of the future] Stanki budushchego. [Odessa] Odesskoe knizhnoe izd-vo, 1960 79 p.

KOCHERZHEVSKII, P. V. [Determination of the flexure and angle of shift of a beam axis] Opredelenie progiba i ugla povorota osi balki. Kyiv, Gos. izd-vo lit-ry po stroit i arkhit. USSR, 1961. 73 p. (Bibliotechka inzhenera-konstruktora)

KOCHUROV, IU. D., and others. [Manual for the personnel of chemical and technical laboratories in the field and at depots] Rukovodstvo laboratoriam dorozhnykh i depovskikh khimiko-tekhnicheskikh laboratorii. Izd. 2., ispr. i dop. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1962. 211 p.

KOIBASH, V. A., and V. IA. KOROL'. [Planning coal preparation plants] Proektirovanie ugleobogatitel'nykh fabrik. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1962. 327 p.

KOLESNIK, P. A., and N. D. MOROZOV. [Materials used in motor vehicles and tires, manual for an automobile mechanic] Avtomobil'nye materialy i shiny; posobie avtomekhaniku. Izd. 3., perer. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shossetnykh dorog RSFSR, 1962. 221 p.

KOLIANDR, L. IA. [Recovery and processing of coke chemicals] Ulavlivanie i pererabotka khimicheskikh produktov koksovaniia. Izd 2., perer. i dop Khar'kov, Metallurgizdat, 1962. 466 p.

KOLOTILKIN, B. M. [Economics of large-panel and large-block construction (basic problems)] Ekonomika krupnopanel'nogo i krupnoblochnogo stroitel'stva (osnovnye voprosy). 2, izd., perer. i dop. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 182 p.

KOL'TSOV, B. V., and P. L MOLOKANOV. [Diagrams, networks, and components of transistor radios] Skhemy, uzly i detali priemnikov na tranzistorakh. Moskva, Gos. energ. izd-vo 1962. 94 p. (Massovaia radiobiblioteka, no. 432)

KOL'TUN, S. I., and M I BORINSKII. [Effecting savings of die steel] Ekonomiia shtampovoi stali. Pod red. A. V. Kovalenko. Moskva, Mashgiz., 1961. 11 p. (Biblioteka mashinostroitelia. Serila "Za ekonomiiu metallov i elektroenergii)

KOL'TUN, S. I., and V. B. RAITSES. [Manufacture and use of dies for drop forging] Izgotovlenie i ekspluatatsiia shtampov dlia gorlachei shtampovki Pod red A. S. Kon'kova. Moskva, Mashgiz, 1961. 60 p. (Nauchno-populiarnaia biblioteka rabochego kuznetsa, no. 14)

KONSTANTINOVSKII, A. G. [Control of relaxation oscillators] Upravlenie relaksatsionnymi generatorami. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1962. 111 p.

KOPERIN, F. I. [Prevention of decay in wood] Zashchita drevesiny ot gniieniia. [Arkhangel'sk] Arkhangel'skoe knizhnoe izd-vo, 1961. 190 p.

KORABEL'SHCHIKOV, N. I. [Problems on technical thermodynamics] Sbornik zadach po tekhnicheskoi termodinamike. Moskva, Izd-vo "Rechnoi transport," 1961. 126 p.

KORCHAK, S. N. [Improving the efficiency of grinding; selecting characteristics of grinding wheels and using isotopes for determining the greasing of the wheels] Povyshenie proizvoditel'nosti shlifovaniia, vybor kharakteristiki krugov i primenenie izotopov dlia opredeleniia ikh zasalivaemosti. [Cheliabinsk] Cheliabinskoe knizhnoe izd-vo, 1961. 65 p. (Obmen peredovym opytom. Mekhanicheskaia obrabotka metallov)

KOREPANOV, A. G. [Sanitary control of food organizations in institutions for children and adolescents] Sanitarnyi kontrol' za organizatsiei pitaniia v detskikh i podrostkovykh uchrezhdeniiakh. Moskva, Medgiz, 1961. 142 p. (Biblioteka srednego meditsinskogo)

KOSTOMAROV, V. M. [Streams, ponds, and reservoirs in cities] Gorodskie vodoemy. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1961. 63 p.

KOTLIAR, E. F. [Aluminum construction in foreign countries] Stroitel'nye konstruktsii iz alliuminievykh splavov za rubezhom Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960 134 p

KOVALENKO, G. M. [Highly productive methods of forging] Vysokoproizvoditel'nye metody kovki. Moskva, Mashgiz, 1961. 53 p. (Biblioteka rabochego-mashinostroitelia. Seriia: Peredovaia tekhnika - osnova kommunisticheskogo truda, no. 9)

[MICROFILM]

KOZHEVNIKOV, V. G., and S. G. MILOV. [Mechanization of log loading and sorting in lumber mills] Mekhanizatsiia vygruzki i sortirovki breven na lesozavodakh. Moskva, Goslesbumizdat, 1961. 101 p.

KRAVCHENKO, I. V. [Alumina cement] Glinozemistyi tsement. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961 174 p.

KRUGLOVA, E. G., and P. M. VIACHESLAVOV. [Control of electroplating baths and coatings] Kontrol' pal'vanicheskikh vann i pokrytii. Izd. 2., dop. i perer Moskva, Mashgiz, 1961. 146 p. (Bibliotechka gal'vanotekhnika, no. 12)

KUDERSKII, I. G. [Instructions on safety measures in the performance of photogrammetric and photographic laboratory work] Pamiatka po tekhnike bezopasnosti pri vypolnenii fotolaboratornykh i fotogrammetricheskikh rabot. Moskva, Izd-vo geodez. lit-ry, 1961. 55 p.

KUDRIAVTSEV, B. B. [Use of ultrasonic methods in the study of matter] Ul'trakusticheskie metody issledovaniia veshchestva. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 132 p.

KUFTYREVA, V. A., and N. S. KUFTYREVA. [Minerals and methods of searching for them] Poleznye iskopaemye i metody ikh poiskov. Moskva, Izd-vo "Znanie," 1961. 37 p. (Narodnyi universitet kul'tury. Estestvennonauchnyi fakul'tet, no. 30)

KUKIN, G. N., and A. N. SOLOV'EV. [Guide to textile materials] Tekstil'noe materialovedenie. Pod obshchei red. G. N. Kukina. Moskva, Izd-vo nauchno-tekhn. lit-ry.
Pt. 1. 1961. 303 p.

KULESHOV, V. N. [Conversion of solar energy to electric power] Preobrazovanie solnechnoi energii v elektricheskuiu; lektsiia po kursu "Energetika pri-priiatii sviazi." Moskva, Vses. zaochnyi elektr. in-t sviazi, 1961. 18 p.

KULIKOV, G. S. [Engineering calculations in solving mine ventilation problems] Inzhenernye raschety pri reshenii voprosov ventilitatsii shakht. Moskva, Gosgortekhizdat, 1962. 65 p.

KUNIAEV, N.A. [For the amateur-driver about the "Volga" automobile] Shoferu-liubiteliu ob avtomobile "Volga." Izd. 2., perer. i dop. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1961. 174 p.

KUNTSEVICH, V.M. [Optimalizing control systems] Sistemy ekstremal'nogo upravlenila. Pod red. A.G. Ivakhnenko. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1961. 150 p. (Biblioteka po avtomatike)

KURDENKOV, B.I., A.I. POLIAKOVA, and A.P. FILATOV. [Beneficiation of stone material for road construction] Obogashchenie kamennogo materiala dlia dorozhnogo stroitel'stva. Moskva, Avtotransizdat, 1962. 58 p.

KUSHNIR, F.V., and S.S. ROGOVENKO. [Radio measuring devices, a manual] Radioizmeritel'nye pribory, uchebnoe posobie. Leningrad, Leningr. elektrotekhn. in-t sviazi, 1961. 195 p.

KUZELEV, M.IA., A.A. SKVORTSOV, and N.N. SMELIAKOV. [Handbook of foundry practice] Spravochnik rabochego-liteishchika. Izd. 3. Moskva, Mashgiz, 1961. 584 p.

KUZ'MIN, R.V. [Acoustical method of detecting defects in marine engines] Akusticheskaia defektatsiia sudovykh mekhanizmov. Moskva, Izd-vo "Morskoi transport," 1962. 112 p.

KUZ'MIN, S.I. [Melting and casting heat-resistant alloys and steel in vacuum] Plavka i lit'e zharoprochnykh splavov i stalei v vakuume. Moskva, Mashgiz, 1962. 125 p.

KUZNET'SOV, A.M. [Safety measures for the work of general secondary school students] Okhrana truda uchashchikhsia srednikh obshcheobrazovatel'nykh shkol. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 111 p.

LACHUGIN, P.A. [Each instrument should be highly reliable] Kazhdomu priboru - vysokuiu nadezhnost'. [Moskva] Mosk. rabochii, 1962. 42 p. (Vysokoe kachestvo, nadezhnost', dolgovechnost')

LATVIJAS PADOMJU SOCIALISTISKAS REPUBLIKAS ZINATNU AKADEMIJA. Institut elektroniki i vychislitel'noi tekhniki. [Electronic machines serve men; a collection of popular works] Elektronnye mashiny sluzhat cheloveku; sbornik nauchno-populiarnykh statei. Riga, Izd-vo Akad. nauk Latvilskoi SSR, 1961. 170 p.

LAZAREV, A.A., and others. [Dismantling and assembling the S-100 tractor] Razborka i sborka traktora S-100. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1962. 231 p.

LEIKAND, M.S. [Design of vacuum-type resistance furnaces and their networks] Konstruktsii vakuumnykh elektropechei soprotivleniia i ikh uzlov. Moskva, Gos. izd-vo, 1961. 111 p. (Biblioteka elektrotermista, no. 8)

LESHCHENKO, V.G., and IA.V. MIL'MAN. [Pneumatic systems for textile machinery] Pnevmaticheskie ustroistva tekstil'nykh mashin. Moskva, Mashgiz, 1962. 150 p.

LEVINSON, E.M. [Electric spark machining of metals] Elektroiskrovaia obrabotka metallov. [Leningrad] Lenizdat, 1961. 183 p. (V pomoshch' molodym rabochim)

LEPNITSKII, A.M. [Molding by hand] Formovka vruchnuiu. Moskva, Mashgiz, 1961. 76 p. (Bibliotechka liteishchika, no. 3)

LITHUANIAN S.S.R. Liaudies ukio taryba. Centrine moksline-techninc biblioteka, Vilna. [Mechanization and automation of production processes in the woodworking industries; bibliographical index] Medzio apdirbimo pramones gamybos procesu mechanizavimas ir automatizavimas; bibliografine rodyklc. Vilnius, 1961. 117 p.

LITVAK, V.I. [Photoelectric devices and regulators used in machine manufacture] Fotoelektricheskie pribory i regulatory v mashinostroenii. Moskva, Mashgiz, 1962. 186 p.

LITVINENKO, M.S., and I.M. NOSALEVICH. [Coke-plant chemicals for the production of polymeric materials] Khimicheskie produkty koksovaniia dlia proizvodstva polimernykh materialov. Khar'kov, Metallurgizdat, 1962. 428 p.

LITVINENKO, P.A. [Training of stokers of industrial and heating boiler rooms operating on gas fuel; a textbook on methods] Podgotovka kochegarov promyshlennykh i otopitel'nykh kotel'nykh, rabotaiushchikh na gazovom toplive; metodicheskoe posobie. Moskva, Vses. uchebno-pedagog. izd-vo Profizdat, 1961. 199 p.

LOGACHEVA, L.N. [Interferometry for absolute measurements of gauge blocks] Interferometriia dlia absoliutnykh izmerenii kontsevykh mer dliny. Moskva, Izd-vo standartov, 1961. 35 p. (Serila obzornykh monografii po izmeritel'noi tekhnike, no. 10) [MICROFILM]

LOGOV, L.M. [Hydraulic reversible multicylinder engine] Gidravlicheskii obratimyi mnogotsilindrovyi dvigatel'. Moskva, Mashgiz, 1962. 66 p.

LOPUSHANSKII, V.E. [Safety engineering in underground mining of ore deposits] Tekhnika bezopasnosti pri razrabotke rudnykh mestorozhdenii podzemnym sposobom. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 115 p.

LOZHNIKOV, A.P., and E.K. SONIN. [Cascode amplifiers] Kaskodnye usiliteli. Moskva, Gos. energ. izd-vo, 1961. 70 p. (Massovaia radiobiblioteka, no. 423)

LUNEV, I.S. [Strain measurement in motor vehicle parts] Tenzometrirovanie detalei avtomobilia. [By] N.I. Vorontsova i dr. Pod red. I.S. Luneva. Moskva, Mashgiz, 1962. 230 p.

LYCH, N.M., and V.G. CHIRKOV. [Improving the efficiency of automatic lathes] Povyshenie effektivnosti tokarnykh avtomatov. Moskva, Mashgiz, 1962. 158 p.

MAKAREVICH, V.K., V.M. MIKHEEV, and V.I. TIKHVINSKII. [Reconditioning metal-cutting tools] Vosstanovlenie rezhushchego instrumenta. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1948. 174 p.

MAKAROV, V., and V. SIMONOV. [Mechanized take off of gliders] Mekhanizirovannyi vzlet planera. Izd. 2., perer. i dop. Moskva, Izd-vo DOSAAF, 1961. 181 p.

MAKSIMOV, A.G., and V.N. MOLOKOV. [Choice of site for a thermal electric power plant, engineering and economic considerations] Vybor ploshchadki dlia teplovoi elektrostantsii, tekhniko-ekonomicheskie obosnovaniia. Moskva, Gos. energoizdat, 1962. 173 p.

MALAKHOVSKII, IA.E., comp. [German-Russian motor vehicle and tractor dictionary] Nemetsko-russkii avtotraktornyi slovar'. Moskva, Glav. red. inostr. nauchno-tekhn. slovarei Fizmatgiza, 1961. 323 p. illus.

[MANUAL FOR A MECHANICAL ENGINEER IN SIX VOLUMES] Spravochnik mashinostroitelia v shesti tomakh. Red. sovet N.S. Acherkan i dr. Izd. 3., ispr. i dop. Moskva, Mashgiz.
Vol. 3. Pod red. S.V. Serensena. 1962. 651 p.

[MANUAL FOR THE ESTABLISHMENT OF NORMS IN THE MACHINERY INDUSTRY IN 4 VOLUMES] Spravochnik normirovshchika-mashinostroitelia v 4 tomakh. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry.
Vol. 3. Khisin, R.I., ed. [Establishing norms for founding, stamping, welding, painting, metal plating, and woodwork] Normirovanie liteinykh, kuznechnykh, shtampovochnykh, svarochnykh, lakokrasochnykh rabot, metallopokrytii i derevoobrabotki. 1962. 671 p.

[MANUAL FOR THE RURAL MOTION-PICTURE OPERATOR AND MECHANIC] Spravochnaia kniga sel'skogo kinomekhanika. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 448 p.

MANUKOV, N.P. [New techniques in the repair of agricultural machinery and tractors] Novoe v remonte mashinno-traktornogo parka. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 223 p.

MARGULOVA, T.KH. [Design and calculations of steam generators of atomic electric power plants] Raschet i proektirovanie parogeneratorov atomnykh elektrostantsii. Moskva, Gosenergoizdat, 1962. 143 p.

MARKOV, V.V., N.N. SUSLOV, and V.G. TRIFONOV. [Primary processing of bast fibers] Pervichnaia obrabotka lubianykh volokon. Moskva, Gos. izd-vo "Rostekhizdat," 1961. 463 p.

MATVEEV, M.A. [Water and compressed air supply engineering in ore dressing plants] Vodo-vozdushnoe khoziaistvo obogatitel'nykh fabrik. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 281 p.

MEDIANTSEVA, L.L. [Modern methods and devices for measuring angular measures] Sovremennye metody i pribory dlia izmerenila uglovykh mer. Moskva, Gos. izd-vo standartov, 1960. 35 p. (Serila obzornykh monografii po izmeritel'noi tekhnike, no. 15) [MICROFILM]

MEIKLIAR, M.V. [Brief manual on steam boilers] Kratkii spravochnik po parovym kotlam. Moskva, Gos. energ. izd-vo, 1961. 102 p.

[METHODOLOGY FOR DESIGNING THE EQUIPMENT OF CROSSBAR AUTOMATIC TELEPHONE EXCHANGES] Metodika rascheta oborudovaniia ATS koordinatnykh sistem; informatsionnyi sbornik. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1961. 130 p. (Tekhnika sviazi) [MICROFILM]

MIKHALEV, V.G., and L.L. MOKHEL'. [Device for pulse testing of microthin cores] Pribor dlia impul'snykh ispytanii mikronnykh serdechnikov. Moskva, In-t tochnoi mekhaniki i vychislitel'noi tekhniki Akad. nauk SSSR, 1961. 29 p. (Elektronnye vychislitel'nye mashiny)

MILOVIDOV, S.S. [Machine parts] Detali mashin. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 613 p.

MONOSZON, A.I. [Wide-span, precast, prestressed, reinforced concrete galleries] Bol'sheproletnye sbornye predvaritel'no napriazhennye zhelezobetonnye galerei. Leningrad, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1962. 250 p.

MOROZOV, I.A. [Soviet-make passenger car trucks] Telezhki passazhirskikh vagonov otechestvennogo proizvodstva. Moskva, Mashgiz, 1960. 282 p.

MOSCOW. AVTOMOBIL'NO-DOROZHNYI INSTITUT. [New methods of designing and testing flexible road pavements] Novye metody rascheta i ispytaniia dorozhnykh odezhd nezhestkogo tipa. Pod obshchei red. N.N. Ivanova. Moskva, Avtotransizdat, 1962. 37 p.

MOSCOW. MOSKOVSKII INZHENERNO-STROITEL'NYI INSTITUT. [Metal construction; present state and outlook for future development] Metallicheskie konstruktsii, sostoianie i perspektivy razvitiia. Pod obshchei red. N.S. Streletskogo. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 333 p.

MOSCOW. NAUCHNO-ISSLEDOVATEL'SKII INSTITUT AVTOMOBIL'NOGO TRANSPORTA. Leningradskii filial. [Maintenance charts for the ZIL-158 motorbus] Tekhnologicheskie i postovye karty tekhnicheskogo obsluzhivaniia avtobusa ZIL-158. Moskva, Avtotransizdat, 1961. 143 p.

MOSCOW, RESPUBLIKANSKII NAUCHNO-ISSLEDOVATEL'SKII INSTITUT MESTNYKH STROITEL'NYKH MATERIALOV "ROSNIIMS." [Abstracts of papers of the Republic Scientific Research Institute of Local Building Materials (RSFSR) for 1958-1960] Sbornik annotatsii nauchno-issledovatel'skikh rabot instituta "Rosniims" za 1958-1960 gg. Moskva, 1961. 95 p.

MOSCOW, TSENTRAL'NOE BIURO PROMYSHLENNYKH NORMATIVOV PO TRUDU. [General norms used in the machinery industry for machining hardened steel on lathes] Obshchemashinostroitel'nye normativy vremeni rezaniia pri tochenii zakalennoi stali. Moskva, 1961. 74 p.

MOSCOW, TSENTRAL'NOE BIURO PROMYSHLENNYKH NORMATIVOV PO TRUDU. [General time norms used in the machinery industry for technical standardization of machining processes on planing and slotting machines; small lot and piece production] Obshchemashinostroitel'nye normativy vremeni dlia tekhnicheskogo normirovaniia rabot na strogal'nykh i dolbezhnykh stankakh, melkoseriinoe i edinichnoe proizvodstvo. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1962. 47 p.

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT ELEKTRIFIKATSII SEL'SKOGO KHOZIAISTVA. [Auxiliary power plants and electrical systems for increasing the reliability of rural electric power distribution] Rezervnye elektrostantsii i elektroagregaty dlia povysheniia nadezhnosti sel'skogo elektrosnabzheniia. Moskva, Otdel tekhnicheskoi informatsii VIESKh, 1960. 70 p. [MICROFILM]

MOSIN, F.V. [Technological processes for the manufacture of articles from pipe] Tekhnologiia izgotovleniia detalei iz trub. Moskva, Mashgiz, 1962. 171 p.

MOSKOVSKOE GORODSKOE NAUCHNO-TEKHNICHESKOE OBSHCHESTVO MASHINOSTROITELEI. [Modern methods for evaluating the quality and means for increasing the precision in manufacturing gears] Sovremennye metody otsenki kachestva i puti povysheniia tochnosti izgotovleniia zubchatykh peredach. Moskva, Mashgiz, 1962. 133 p.

NAUCHNO-TEKHNICHESKOE SOVESHCHANIE PO PRIMENENIIU TSIRKONIIA I EGO SOEDINENII V PROMYSHLENNOSTI, Kiev, 1960 [Materials of the Technological Conference on the Use of Zirconium and its Compounds in Industry] Materialy Kiev, Izd-vo Akad nauk USSR, 1962 97 p

NECHAEV, M.A [Safety measures in the transportation, distribution, and use of gas fuel] Tekhnika bezopasnosti pri transportirovke, raspredelenii i ispol'zovanii gazovogo topliva. Izd.3 , perer. i dop Leningrad, Gostoptekhizdat, 1962 299 p.

NEDRIGAILOV, V A [Safety measures in operating earthmoving machinery] Tekhnika bezopasnosti pri rabote na zemleroinykh mashinakh [Moskva, Izd-vo MSKh RSFSR, 1961] 11 p (Pamiatka rabotnika sel'skogo khoziaistva)

NEIMAN, L R., and K S. DEMIRCHIAN, [Laboratory manual on electromagnetic fields] Rukovodstvo k laboratorii elektromagnitnogo polia Moskva, Gos. izd-vo "Vysshaia shkola," 1961 219 p.

NESTERENKO, A. D., and P P. ORNATSKII. [Parts and units of instruments, design and construction] Detali i uzly priborov, raschet i konstruirovanie. Izd. 2 , ispr i dop. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1961 425 p

NIKIFOROV, N. K., and N. V. SHUSTOV. [Design, use, and maintenance of rock drills] Konstruktsiia, ekspluatatsiia i remont perforatorov Moskva, Gos nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 164 p.

NIKONOVA, L. G. [Ways of saving materials in construction] Puti ekonomii material'nykh resursov v stroitel'stve Moskva, Izd-vo ekon. lit-ry, 1961. 45 p. (Ekonomicheskoe samoobrazovanie) [MICROFILM]

NOSOV, N. V. [We are improving the quality of brick masonry] Uluchshaem kachestvo kirpichnoi kladki. [Moskva] Mosk. rabochii, 1962. 31 p. (Stroiteli obmenivaiutsia opytom)

[OIL-FIELD ELECTRICAL ENGINEERING HANDBOOK] Spravochnik neftepromyslovogo elektrika. [By] I. I. Sud, I. N Sulkhanishvili, B. M. Shkol'nikov. Moskva, Gostoptekhizdat, 1961 510 p

OL'SHANOVA, K. M. [Use of ion exchangers in industry] Primenenie ionitov v promyshlennosti. Riga, TSentr. biuro tekhn. informatsii Latviiskoi SSR, 1961. 27 p.

OPEIKO, F. A. [Strength theory] Teoriia prochnosti. Minsk, Izd-vo M-va vysshego, srednego spetsial'nogo i professional'nogo obrazovaniia BSSR, 1961. 33 p.

ORLEANSKII, IA. P., D. A. LUR'E, and Z. L. GINZBURG, [Automatic plant producing carbon dioxide for welding] Avtomaticheskaia stantsiia vyrabotki uglekislogo gaza dlia svarki. Leningrad, 1961. 28 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Svarka, rezka i paika metalla, no. 8)

OSETSKII, V. M. [Engineering mechanics, general mechanics and mechanical engineering] Tekhnicheskaia mekhanika; mekhanika obshchaia i mekhanika mashin. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1962. 471 p

OSTANIN, G. V. [Making mineral wool in a multistage vertical centrifuge; practices of the Dubrov factory of the "Sevenergostroi" Trust] Proizvodstvo mineral'- na mnogostupenchatoi vertikal'noi tsentrifuge; evenergo- skii dom peredovym ost', no. 24)

ts in semi- ial'vano- kh tekhniche- 'Vysshaia

bench work] otakh. Kiev, . (Biblio-

ctric equip- htnogo hizdat,

emperature ir regula- hchennia ta ad.

PAN'KOVSKII, V. I. [Great gas] Bol'shoi gaz. Tashkent, Gos izd-vo Uzbekskoi SSR, 1961. 63 p.

PARNITSKII, A, B., and A. P. SHABASHOV. [General-purpose bridge cranes; design and operation] Mostovye krany obshchego naznachenila, konstruktsiia, raschet, ekspluatatsiia Izd. 3., ispr. i dop. Moskva, Mashgiz, 1961. 316 p.

PASTERNAK, P. L., and others. [Reinforced concrete structures, special course for the faculties of industrial and residential building] Zhelezobetonnye konstruktsii, spetsial'nyi kurs dlia fakul'tetov promyshlennogo i grazhdanskogo stroitel'stva. Pod obshchei red P. L Pasternaka Moskva, Gos izd-vo lit-ry po stroit , arkhit i stroit. materialam, 1961. 655 p

PATON, E. O. [Selected works in three volumes] Izbrannye trudy v trekh tomakh. Kiev, Izd-vo Akad. nauk USSR.
Vol. 3 [Welding under flux] Svarka pod flusom. 1961. 557 p

PAVLOV, G. M. [Reading drawings by the method of modelmaking] Chtenie chertezhei metodom modelirovaniia Izd 2 , perer. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961 62 p. (Iz opyta uchitelia)

PEKH, IU. IU. [Flax hackling machine; arrangement, assembly, adjustment and maintenance] L'nocheslal'- naia mashina, ustroistvo, montazh, naladka i obsluzhivanie. Pereizdanie. Moskva, Rostekhizdat, 1961. 186 p. (Uchebniki i uchebnye posobiia dlia podgotovki rabochikh massovykh professii)

PETROCHENKO, P. F., I. SH. IOFFE, and V. A. KURASHOV. [Manual for the establishment of norms] Spravochnik normirovshchika. Pod obshchei red. P. F. Petrochenko. Moskva, Gostoptekhizdat, 1962. 321 p.

PETROSIAN, V. P. [Electric properties of phosphate glasses] Elektricheskie svoistva fosfatnykh stekol. Erevan, Armianskoe gos. izd-vo, 1961. 137 p.

PETROV, A. S., and A. I. KARMANOV. [Manufacture of rolls for cold rolling] Proizvodstvo valkov kholodnoi prokatki. Moskva, Metallurgizdat, 1962. 216 p.

PIANDRINA, T. N. [Electrochemical processing of metals, electrolytic polishing] Elektrokhimicheskaia obrabotka metallov; elektroliticheskoe polirovanie. Pod obshchei red. L. IA. Popilova. Moskva, Mashgiz, 67 p (Bibliotechka elektrotekhnologa i ul'trazvukovika, no. 4)

POLIAKOV, N. S., and I. G. SHTOKMAN. [Principles of theory and design of mine haulage apparatus] Osnovy teorii i raschety rudnichnykh transportnykh ustanovok. Moskva, Gosgortekhizdat, 1962. 490 p.

POPOV, I. P , and V. A. MINAEV-TSIKANOVSKII. [Operation, maintenance and repair of the equipment of mechanical laundries] Ekspluatatsiia i remont oborudovaniia mekhanicheskikh prachechnykh. Pod obshchei red. V. A. Minaeva-TSikanovskogo. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1961. 170 p.

POPOVA, E. E. [Meads] Medovye vina. Moskva, Pishchepromizdat, 1961. 63 p.

PORUCHIKOV, IU. P., and G. L. KHAZAN, [Automatic control of the preparation and distribution of molding mixtures] Avtomatizatsiia prigotovleniia i razdachi formovochnoi smesi. Moskva, Mashgiz, 1962. 175 p.

PRIVEZENTSEV, V. A., and D. L. SHARLE, eds. [Cables and wires] Kabeli i provoda. [By] R. M. Lakernik i dr. Moskva, Gos. energ. izd-vo.
Vol. 2. [Manufacture of cables with paper insulation] Proizvodstvo kabelei s bumazhnoi izoliatsiei. 1962. 526 p.

[PROSPECTING FOR MINERAL RESOURCES IN THE UKRAINE] Razvedka nedr Ukrainy. Kiev, 1959. 46 p. [MICROFILM]

[PROTECTION OF LAND AGAINST INUNDATION AND THE RISE OF THE GROUND WATER LEVEL] Zashchita territorii ot zatopleniia i podtopleniia. [By] S. K. Abramov i dr. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 423 p. (Gidrologicheskie sooruzheniia)

PUL'TSIN, N. M. [Titanium alloys and their use in the machinery industry] Titanovye splavy i ikh primenenie v mashinostroenii. Moskva, Mashgiz, 1962. 166 p.

RAKOGON, V. G. [Theory and practice of coremaking by the sand-slinging method] Teoriia i praktika izgotovleniia sterzhnei peskoduvnym sposobom. Moskva, Mashgiz, 1962. 181 p.

RAKOVSKII, V. S. [Fundamentals of powder metallography] Osnovy poroshkovogo metallovedeniia. Moskva, Gos. nauchno-tekhn. izd-vo Oborongiz, 1962. 87 p.

REBROV, M. F., and V. D SOKOLOV. [On the trail of the brave] Dorogoi smelykh. Moskva, Voen. izd-vo M-va oborony SSSR, 1962. 73 p. (Geroi sovremennosti)

[REMOTE CONTROL APPARATUS IN MINES] Telemekhanicheskie ustroistva na shakhtakh [By] E. S Snagovskii i dr. Moskva, Gos nauchno-tekhn izd-vo lit-ry po gornomu delu, 1962. 276 p.

RESHETNIKOV, N. S. [Repair of the engines of lumbering machinery and mechanisms] Remont dvigatelei lesozagotovitel'nykh mashin i mekhanizmov. Moskva, Goslesbumizdat, 1961. 275 p.

RESPUBLIKANSKAIA KONFERENTSIIA KHIMIKOV-GAL'VANIKOV, RABOTNIKOV NAUCHNYKH I PROMYSHLENNOSTI. 2d, Vilnius, 1960. [Improvement of electroplated coatings; materials] Vopr osy usovershenstvovaniia gal'vanopokrytii; materialy Vil'nius, In-t khimii i khimicheskoi tekhnologii Akad. nauk Litovskoi SSR, 1961. 122 p

RIVKIN, S. A., D. A. KORSHUNOV, and M. M. FRENKEL', [Precast reinforced concrete foundations for frame buildings] Sbornye zhelezobetonnye fundamenty karkasnykh zdanii; raschet i konstruirovanie. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1962. 135 p. (Bibliotechka inzhenera - konstruktora)

RODIN, P. R. [Design and manufacture of metal-cutting tools] Proektirovanie i proizvodstvo rezhushchego instrumenta. Moskva, Mashgiz, 1962. 254 p.

[ROLLING; a handbook] Prokatnoe proizvodstvo, spravochnik. Pod red. S. S. Rukotlana. Moskva, Metallurgizdat.
Vol. 1. 1962. 743 p.

ROSHCHUPKIN, I. G., G. P. ANAN'IN, and N. K ARSLANOV. [Working mineral deposits] Razrabotka mestorozhdenii poleznykh iskopaemykh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1962. 590 p.

ROZENBERG, L. I. [Conditions for washing; motor-vehicle parts] Rezhimy moiki avtomobil'nykh detalei. Moskva, Avtotransizdat, 1962. 32 p.

RUBASHKIN, A. G. [Laboratory experiments on the strength of materials for technical institutes] Laboratornye raboty po soprotivleniiu materialov dlia tekhnikumov. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 159 p.

RUSSIA (1917- R. S. F. S. R.) Ministerstvo avtomobil'nogo transporta. [Manual for the maintenance of the M-20 "Pobeda" automobile] Rukovodstvo po tekhnicheskomu obsluzhivaniiu legkogo avtomobilia M-20 "Pobeda." Pod red. P. F. Zemskova. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1960. 174 p.

RUSSIA (1917- R. S. F. S. R.) Ministerstvo kommunal'nogo khoziaistva. [Technical specifications for conducting and inspecting general and special construction work in the capital repair of apartment houses] Tekhnicheskie usloviia na proizvodstvo i priemku obshchestroitel'nykh i spetsial'nykh rabot pri kapital'nom remonte zhilykh domov. Moskva, 1960. 447 p.

RUSSIA (1917- R. S. F. S. R.) Ministerstvo promyshlennosti stroitel'nykh materialov. [Programs meeting minimum technical requirements for workers in the building materials industry] Programmy po tekhnicheskomu minimumu dlia rabochikh promyshlennosti stroitel'nykh materialov. Moskva, Biuro tekhn. informatsii, 1949. 266 p.

RUSSIA (1917- R. S. F. S. R.) Ministerstvo sel'skogo khoziaistva. Upravlenie ekonomiki, organizatsii i spetsializatsii sel'skogo khoziaistva, normirovaniia i oplaty truda. [Time norms for the repair of agricultural machinery] Normativy vremeni na remont sel'skokhoziaistvennoi tekhniki. Moskva, Izd-vo M-va sel'. khoz. RSFSR, 1962. 306 p.

RUSSIA (1923- U. S. S. R.) Glavnoe energeticheskoe upravlenie. [Safety regulations for operating and servicing the electric power systems of industrial enterprises; obligatory for industrial enterprises, economic councils, ministries, and governmental agencies] Pravila tekhnicheskoi ekspluatatsii i bezopasnosti obsluzhivaniia elektroustanovok promyshlennykh predpriiatii; obiazatel'ny dlia promyshlennykh predpriiatii sovnarkhozov, ministerstv i vedomstv. Utverzhdeny 10 fevralia 1961 g. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1962. 349 p.

RUSSIA (1923- U. S. S. R.) Glavnoe upravlenie lokomotivnogo khoziaistva. [Instructions for workers of technochemical laboratories testing the quality and use of petroleum products in locomotives and diesel and electric trains] Instruktsiia dlia rabotnikov khimikotekhnicheskikh laboratorii po kontroliu kachestva i primeneniia nefteproduktov na lokomotivakh, dizel'poezdakh i elektroseksktsiakh. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 55 p.

RUSSIA (1923- U. S. S. R.) Glavnoe upravlenie puti i sooruzhenii. [Regulations on safety measures and industrial sanitation in the performance of operations of protective tree planting on railroads] Pravila po tekhnike bezopasnosti i proizvodstvennoi sanitarii pri proizvodstve rabot po zashchitnym lesnym nasazhdeniiam na zheleznodorozhnom transporte (TsP 2124). Moskva, Transzheldorizdat, 1961. 63 p.

RUSSIA (1923- U. S. S. R.) Glavnoe upravlenie puti i sooruzhenii. [Regulations on safety measures and industrial sanitation in the performance of track work (TsP 2083)] Pravila po tekhnike bezopasnosti i proizvodstvennoi sanitarii pri proizvodstve rabot v putevom khoziaistve (TsP 2083). Moskva, Transzheldorizdat, 1962. 163 p.

RUSSIA (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Instructions (SN 171-61) for checking the state of the electrical insulation of transformers prior to placing them in operation] Instruktsiia po kontroliu sostoianiia izoliatsii transformatorov pered vvodom v ekspluatatsiiu (SN 171-61). Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 31 p.

RUSSIA (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Technical specifications for the construction of the railway roadbed (SN 61-59)] Tekhnicheskie usloviia sooruzhenia zheleznodorozhnogo zemlianogo polotna (SN 61-59). Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 208 p.

RUSSIA (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Technical specifications for the production and inspection of work on the assembly and installation of heat distribution networks (SN 108-60)] Tekhnicheskie usloviia na proizvodstvo i priemku rabot po ustroistvu teplovykh setei (SN 108-60). Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 52 p.

RUSSIA (1923- U. S. S. R.) Ministerstvo khimicheskoi promyshlennosti. Otdel glavnogo mekhanika. [Corrosion control in the chemical industry] Bor'ba s korroziei v khimicheskoi promyshlennosti. Moskva, Goskhimizdat, 1946. 133 p.

RUSSIA (1923- U. S. S. R.) Narodnyi komissariat neftianoi promyshlennosti. Glavnoe stroitel'noe upravlenie. [Handbook for builders and assemblers of the petroleum industry] Spravochnik stroitelia-montazhnika neftianoi promyshlennosti. Moskva, Gosoptekhizdat, 1946. 250 p.

SAPOZHNIKOV, E. [Learn to fly a glider] Uchis' letat' na planere. Izd. 3., dop. i perer. Moskva, Izd-vo DOSAAF, 1961. 197 p.
[MICROFILM]

SAVINOVSKII, N. G., and G. M. DEZENT. [Continuous ice-cream freezers] Rezhim raboty frizera nepreryvnogo deistvila; nauchnoe soobshchenie. Moskva, Gos. izd-vo torg. lit-ry, 1960. 17 p.

SEGAL, A. IA. [Handling of nitro and amino compounds] Pamiatka po obrashcheniiu s nitro- i aminoproduktami. Moskva, Goskhimizdat, 1961. 10 p. (Pamiatka po tekhnike bezopasnosti)

SERGEEVA, A. S. [Technological inspection and control of woodpulp and paper manufacture] Tekhnologicheskii kontrol' tsellulozno-bumazhnogo proizvodstva. Moskva, Goslesbumizdat, 1961. 250 p.

SHADUR, L. A., and others. [Designs of railroad cars] Konstruktsii vagonov. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1962. 415 p.

SHARMANOVSKII, I. M. [Water supply and sewerage for villages] Vodosnabzhenie i kanalizatsiia poselkov. [Moskva] Mosk. rabochii, 1962. 158 p.

SHASHIN, IU. V. [Electronics in photography] Elektronika v fotografii. Moskva, Gos. energ. izd-vo, 1961. 70 p. (Massovaia radiobiblioteka, no. 424)
[MICROFILM]

SHATALOV, A. S. [Structural methods in the theory of control systems and electronic control] Strukturnye metody v teorii upravlenila i elektroavtomatike. Moskva, Gos. energ. izd-vo, 1962. 407 p.

SHATOV, A. A. [Arc welding of steel] Dugovaia svarka stali. Moskva, Mashgiz, 1961. 52 p. (Nauchno-populiarnaia biblioteka rabochego-svarshchika, no. 10)

SHEINOV, I. I. [Assembly, installation, operation and maintenance of woodworking equipment] Montazh, ekspluatatsiia i remont derevoobrabatyvaiushchego oborudovaniia. Moskva, Goslesbumizdat, 1961. 322 p.

SHELEKHOV, V. A. [Forging with presses] Shtampovka na pressakh. Pod red. A. S. Kon'kova. Moskva, Mashgiz, 1961. 60 p. (Nauchno-populiarnaia biblioteka rabochego kuznetsa, no. 11)

SHKORUPEEV, I. S., and L. L. GOL'DENBERG. [Development of the machinery and electric equipment industries in the Moldavian S. S. R.] Razvitie mashinostroitel'noi i elektrotekhnicheskoi promyshlennosti v Moldavskoi SSR. Kishinev, Gos. izd-vo "Kartia Moldoveniaske," 1960. 61 p.
[MICROFILM]

SHUKHOV, O. K. [Emulsion carburetors, principles of operation and methods for regulation] Emul'sionnye karburatory; printsip raboty i metody regulirovki. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1962. 70 p.

SIDORENKO, A. K. [Compressed wood substitutes for metal and plastics; from the experience of the Dnepropetrovsk Maintenance and Service Base for the Merchant Marine] Pressovannaia drevesina vmesto metallov i plastmass; iz opyta Dnepropetrovskoi remontno-ekspluatatsionnoi bazy flota. Dnepropetrovsk, Sovet narodnogo khoz. Dnepropetrovskogo ekon. administrativnogo raiona, 1961. 31 p.

SILIN, L. L., G. F. BALANDIN, and M. G. KOGAN. [Ultrasonic welding; joining metals in the solid state and improving the quality of weld joints] Ul'trazvukovaia svarka; soedinenie metallov v tverdom sostoianii i uluchshenie kachestva svarnykh shvov. Pod red. N. N. Rykalina. Moskva, Mashgiz, 1962. 251 p.

SIROTA, I. M. [Transient operating conditions in electric current transformers] Perekhodnye rezhimy raboty transformatorov toka. Kiev, Izd-vo Akad. nauk USSR, 1961. 191 p.

SITKOVSKII, P. A. [Organization and performance of hydraulic engineering operations for land improvement purposes] Organizatsiia i proizvodstvo gidromeliorativnykh rabot. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 279 p. (Uchebniki i uchebnye posobiia dlia sel'skokhoziaistvennykh tekhnikumov)

SMIRNOV, L. S., and others. [Manufacture of artificial fur] Proizvodstvo iskusstvennogo mekha. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1961. 138 p.

SMORODINSKII, I. M. [Cranes on tractors and motor-trucks for railroad construction] Krany na traktorakh i avtomobiliakh dlia transportnogo stroitel'stva. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1962. 79 p. (Bibliotechka stroitelia-mekhanizatora)

ŠNAIDR, FRANTIŠEK. [Technology of shoe manufacture. Translated from the Czech] Tekhnologiia obuvi. Pod red. M. I. Magida i I. I. Steshova. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR.
Vol. 1. 1960. 210 p.

SNIGUR, M. I., and M. F. RADCHENKO. [Hygienic evaluation of honey and methods for its study] Gigienicheskaia otsenka meda i metody ego issledovaniia. Kiev, Gos. med. izd-vo USSR, 1961. 67 p.

SOBOLEV, V. P. [Improving earthwork operations in hydraulic construction] Uluchshenie proizvodstva zemlianykh rabot v gidrotekhnicheskom stroitel'stve. Moskva, Gos. energ. izd-vo, 1961. 108 p.

SOBOLEVSKII, A. G. [Let me tell you about a radio receiver] Rasskaz o radiopriemnike. Moskva, Gos. energ. izd-vo, 1962. 94 p. (Massovaia radiobiblioteka, no. 428)

SOKOLOV, K. N. [Mechanization and automatic control in heat treatment plants] Mekhanizatsiia i avtomatizatsiia v termicheskikh tsekhakh. Moskva, Mashgiz, 1962. 294 p.

SOLDATENKO, I. M., and M. A. SOROKA. [Blue flame] Holube polum'ia. Kyiv, Vyd-vo TsK LKSMU "Molod'," 1961. 38 p.

SOLOMKA, IA. F. [Manufacture of bimetallic parts] Proizvodstvo dvukhslolnykh detalei. Moskva, Mashgiz, 1962. 116 p.

SOLOVEI, I. M. [The young amateur photographer] IUnyi fotolubytel', Kyiv, Derzh. uchbovo-pedagog. vyd-vo "Radians'ka shkola," 1961. 253 p.

SOVESHCHANIE PO STANDARTIZATSII I NORMALIZATSII V MASHINOSTROENII. 2d and 3d, 1956, 1957. [Proceedings of the second and third Conferences on Standardization in the Machinery Industry] Materialy. Moskva, Standartgiz, 1958. 135 p.

STERLIN, IA. M. [Metallurgy of uranium] Metallurgiia urana. Pod obshchei red. A. N. Vol'skogo. Moskva, Gosatomizdat, 1962. 418 p.

SULEIMANOVA, F. G., and I. I EL'OVICH. [Working properties of fuels and lubricating oils for modern internal combustion engines] Ekspluatatsionnye svoistva topliv i smazochnykh masel dlia sovremennykh dvigatelei vnutrennego sgoraniia. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1961. 150 p.

SUPONITSKII, Z. G. [Assembly-line cycle method of organizing finishing operations] Potochno-tsiklichnyi metod organizatsii otdelochnykh rabot; iz opyta tresta Lenotdelstroi-2. Leningrad, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1962. 114 p.

SURSAEV, G. G. [Production of medium-carbon ferrochromium in converters] Proizvodstvo sredneuglerodistogo ferrokhroma v konvertere. Alma-Ata, TSentr. in-t nauchno-tekhn. informatsii, 1960. 12 p.
[MICROFILM]

SVETKIN, IU. V. [Ethylene and propylene polymers] Polimery na osnove etilena i propilena. Moskva, Ob-vo po raspr. polit. i nauchn. znanii RSFSR, 1961. 39 p.

SVETLOV, V. N. [Donets Basin coal miners; practices of innovators in shaft sinking] Prokhodchiki Donbassa; opyt novatorov prokhozhdeniia gornykh vyrabotok Moskva, Ugletekhizdat, 1950. 52 p.

SYROV, A. A. [Ground photography] Nazemnoe fotografirovanie. Izd. 2. Moskva, Voen. izd-vo M-va vooruzhennykh sil SSSR, 1949. 366 p.

[SYSTEMS AND OPERATION OF A. C. TRACTION SUBSTATIONS] Ustroistvo i ekspluatatsiia tiagovykh podstantsii peremennogo toka [By] E. IA. Afanas'eva i dr. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1962. 237 p.

TATEVOS'IAN, G. O. [Presser of plastics] Pressovshchik plastmass. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1961. 318 p.

[TECHNICAL MANUAL ON CITY ELECTRIC TRANSPORTATION IN THREE VOLUMES] Tekhnicheskii spravochnik po gorodskomu elektrotransportu v trekh tomakh. Redkolleglia: V. N. Volochnev, A. N. Trofimov, M. N. Shpoliianskii. Moskva, Izd-vo M-va kommun. khoz. RSFSR.
Vol. 1. [City electric transportation (general part)] Gorodskoi elektricheskii transport (obshchaia chast'). Otv. red. toma M. N. Shpoliianskii. 1961. 726 p.

TERIUSHNOV, A. V. [Control of yarn breakage in the cotton spinning industry] Bor'ba s obryvnost'iu v khlopkoprialil'nom proizvodstve. Moskva, Gos. izd-vo "Rostekhizdat," 1962. 136 p.

TIAGUNOV, G. A. [Electron-tube and transistor devices (physics, fundamental theory, and principal designs)] Elektrovakuumnye i poluprovodnikovye pribory (fizika, elementarnaia teoriia, osnovnye konstruktsii). Moskva, Gos. energ. izd-vo, 1962. 398 p.

TITOV, G. [Seventeen dawns in space; autobiographical tale] Semnadtsat' kosmicheskikh zor', avtobiograficheskaia povest'. [Moskva] Agentstvo pechati novosti, [1962] 109 p. illus.

TIUTIKOVA, M. I. [Balance for weighing small masses] Vesy dlia izmerenila malykh mass. Moskva, Gos. izd-vo standartov, 1960. 23 p. (Serlia obzornykh monografii po izmeritel'noi tekhnike, no. 14)
[MICROFILM]

TROIANOV, P. M., and I. G. LAZARIDI. [Mechanization and automatic control at the Mirgalimsay Ore Dressing Plant] Mekhanizatsiia i avtomatizatsiia na Mirgalimsaiskoi obogatitel'noi fabrike. [Alma-Ata] TSentr. in-t nauchno-tekhn. informatsii, 1960. 12 p.
[MICROFILM]

TSENTRAL'NAIA STANTSIIA IUNYKH TEKHNIKOV, Moscow. [Make it yourself for the home] Sdelai dlia doma. [Moskva] Izd-vo "Detskii mir," 1962. 1 fold. l. (Prilozhenie k zhurnalu "IUnyi tekhnik," no. 8(122))

TSIAPKO, N. F. [Instructions for operators of hydraulic monitors] Pamiatka gidromonitorshchika. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 109 p.

TSYRLIN, B. L. [Improvement in the design of ammonia cylinder-block compressors, scientific report] Usovershenstvovanie konstruktsii ammiachnykh blok-tsilindrovykh kompressorov, nauchnoe soobshchenie Moskva, Gos. izd-vo torg. lit-ry, 1961. 29 p.

TURLO, A. A. [New developments in free forging] Novoe v svobodnoi kovke. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 22 p. (Biblioteka peredovogo mashinostroiteliia. Seriia Peredovaia tekhnika - osnova kommunisticheskogo truda, no. 11)

[MICROFILM]

UL'IANOVSKII, A. Z., and B. A. EIDERMAN. [Modernization of scraper conveyers] Modernizatsiia skrebkovykh konveierov. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1962. 89 p.

URALVAGONZAVOD, Nizhniy Tagil. [Mechanization and automation in railroad car manufacture] Mekhanizatsiia i avtomatizatsiia v vagonostroitel'nom proizvodstve. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 183 p.

URALVAGONZAVOD, Nizhniy Tagil. [Modernization of industrial equipment] Modernizatsiia zavodskogo oborudovaniia. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1962. 137 p.

URVANTSOV, L. A. [Gas erosion of metals, general information, methods of study and protection] Gazovaia eroziia metallov, obshchie svedeniia metody izucheniia i zashchity. Moskva, Mashgiz, 1962. 137 p.

UZHOV, V. N. [Purification of industrial gases by means of electrostatic precipitators] Ochistka promyshlennykh gazov elektrofil'trami. Moskva, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1962. 299 p.

VAGIN, A. A. [Blast furnace practice] Domennoe proizvodstvo. Moskva, Metallurgizdat, 1962. 134 p.

VAGIN, V. V., and B. I. PIROGOV. [Stone casting] Kamennoe lit'e. Moskva, Mashgiz, 1962. 93 p.

VAINTRAUB, D. A., and others. [Cold extrusion] Kholodnoe vydavlivanie; obzor. Leningradskii dom nauchno-tekhnicheskoi propagandy. Seriia Goriachaia i kholodnaia obrabotka metallov davleniem) No. 1. 1961. 62 p.

VALITOV, R. A., K. I. PALATOV, and A. E. CHERNYI. [Methods for measuring the principal characteristics of fluctuating signals] Metody izmerenitia osnovnykh kharakteristik fluktuatsionnykh signalov. Pod red. R. A. Valitova. Khar'kov, Izd-vo Khar'kovskogo gos. univ. im. A. M. Gor'kogo, 1961. 140 p.

VASHKOV, V. I., and E. V. SHNAIDER. [Chlorophos (dipterex), insecticidal properties and uses] Khlorofos, insektitsidnye svoistva i primenenie. Moskva, Medgiz, 1962. 181 p.

VASIL'EVA, E. M. [Saturation of the wound parts of electrical machines with the 321-T water-emulsion lacquer] Propitka vodoemul'sionnym lakom 321-T namotochnykh uzlov elektricheskikh mashin. Leningrad, 1961. 15 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia Pribory i elementy avtomatiki, no. 16)

VASKIN, N. I., and others. [Potentialities for reducing coal production costs in mines] Rezervy snizheniia sebestoimosti uglia na shakhtakh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1962. 141 p.

VENIKOV, V. A. [Examples and illustrations of transient processes in electrical systems] Perekhodnye protsessy elektricheskikh sistem v primerakh i illiustratsiiakh. [By] N. D. Anisimov i dr. Moskva, Gos. energ. izd-vo, 1962. 383 p.

VIDGOF, N. B. [Injection molding of thermoplastics] Tochechnoe lit'e termoplastov; stenogramma lektsii. Leningrad, 1961. 46 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Seriia: Sinteticheskie materialy)

VLADOVSKII, M. S. [Open crane gantries; performance and design] Otkrytye podkranovye estakady; deistvitel'naia rabota i proektirovanie. Khar'kov, Izd-vo Khar'kovskogo gos. univ. im. A. M. Gor'kogo, 1961. 210 p.

VLASOVA, N. S., V. I. KLASSEN, and I. N. PLAKSIN. [Studying the action of reagents in coal flotation] Issledovanie deistvtiia reagentov pri flotatsii kamennykh uglei. Moskva, Izd-vo Akad. nauk SSSR, 1962. 169 p.

VOINOV, S. G., and A. G. SHALIMOV. [Steel for ball bearings] Sharikopodshipnikovaia stal'. Moskva, Metallurgizdat, 1962. 480 p.

VOLOSHENKO, F. P. [Analysis of the gas-exchange process in two-stroke piston internal combustion engines, systematic manual] Raschet protsessa gazoobmena drukhtaktnykh porshnevykh dvigatelei vnutrennego sgoraniia; metodicheskoe rukovodstvo. Kuibyshev, Kuibyshevskii sel'khoz. in-t, 1961. 19 p.

[MICROFILM]

VOLOSHCHENKO, IU. I., and A. D. ANBINDER. [Manufacture of bimetallic bushings] Izgotovlenie bimetallicheskikh vtulok. Pod red. A. V. Kovalenko. Moskva, Mashgiz, 1961. 35 p. (Biblioteka mashinostroitelia. Serita "Za ekonomiiu metallov i elektroenergii")

VOLOVIK, G. A. [Treatment of cast iron in the ladle] Vnedomennaia obrabotka chuguna. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1961. 132 p.

VOROD'EV, N. V. [Chain transmissions] TSepnye peredachi. Izd. 3, ispr. i dop. Moskva, Mashgiz, 1962. 238 p.

VSESOIUZNYI SOVET NAUCHNO-TEKHNICHESKIKH OBSHCHESTV. [Preventing the corrosion of internal combustion engines and gas-turbine units] Bor'ba s korroziei dvigatelei vnutrennego sgoraniia i gazoturbinnykh ustanovok. Moskva, Mashgiz, 1962. 295 p.

VYSHEMIRSKII, M. M. [Coremaking] Izgotovlenie sterzhnei. Pod obshchei red. A. M. Lipnitskogo. Moskva, Mashgiz, 1961. 73 p. (Bibliotechka liteishchika, no. 5)

ZAGAINOV, N. A. [Traction substations for streetcars and trolley buses, automation and remote control] Tiagovye podstantsii tramvaia i trolleibusa; avtomatika i teleupravlenie. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1961. 399 p.

ZAKANDIN, V. I. [Technical and economic analysis of the cost of sawmill products] Tekhniko-ekonomicheskii analiz sebestoimosti pilomaterialov. Moskva, Goslesbumizdat, 1961. 113 p.

ZAKHARIN, V. A. [Aviation with vertical take-off] Aviatsiia vertikal'nogo vzleta. Moskva, Izd-vo DOSAAF, 1961. 60 p.

ZAPOL'SKII, N. V. [Reconditioning and hardening parts by iron plating on automatically controlled equipment] Vosstanovlenie i uprochnenie detalei ostaivaniem na avtomatizirovannoi ustanovke. Leningrad, 1961. 29 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Zashchitnye pokrytiia metallov, no. 15)

ZAREMBO, K. S., ed. [Handbook on the transportation of combustible gases] Spravochnik po transportu goriuchikh gazov. Moskva, Gostoptekhizdat, 1962. 887 p.

ZERCHANINOV, I. K. [The technique of investigating water-tapping wells opening up productive deposits in the Volga-Ural region] Metodika issledovaniia vodianykh skvazhin, vskryvshikh produktivnye otlozheniia na territorii Uralo-Povolzh'ia. Moskva, Gostoptekhizdat, 1962. 77 p.

ZHABIN, A. D. [Manual on automobile driving] Uchebnoe posobie po vozhdeniiu avtomobilia. Moskva, Vses. uchebno-pedagog. izd-vo Profitekhizdat, 1961. 110 p.

ZHARIKOV, A. D. [Defense against atomic weapons] Protivoatomnaia zashchita. Moskva, Izd-vo "Znanie," 1962. 44 p. (Serita "Prochti tovarishchi")

ZHEBEL', B. G. [Color television] TSvetnoe televidenie. Leningrad, Ob-vo po rasprostraneniiu polit. i nauch. znanii, 1961. 62 p.

ZIMIN, V. A. [Electronic calculating machines, fundamentals of theory, design, and application] Elektronnye vychislitel'nye mashiny; osnovy teorii, rascheta i primeneniia. Moskva, Mashgiz, 1962. 737 p.

ZOTOV, M. N., B. A. EFREMOVICH, and M. V. ERSHOV. [Working principle and operation of automatic battery-powered loaders] Ustroistvo i ekspluatatsiia akkumuliatornykh avtopogruzchikov. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1962. 77 p. (Bibliotechka mekhanizatora pogruzochno-razgruzochnykh rabot)

ZUBRITSKII, B. S. [From practices of the operation of traction substations in Sverdlovsk] Iz opyta ekspluatatsii tiagovykh podstantsii g. Sverdlovska. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1961. 42 p.

ZYRIANOV, M. N. [Dispersed rare elements, properties, areas of use, production dynamics, prices, raw material sources, technology of preparation] Rasseiannyo redkie elementy; svoistva, oblasti primeneniia, dinamika proizvodstva, tseny, syr'evye istochniki, tekhnologiia polucheniia. [By] A. S. Simkevicha. Irkutsk, Irkutskoe knizhnoe izd-vo, 1960. 136 p.

[MICROFILM]

17. MILITARY & NAVAL SCIENCES

ARSEN'EV, S. P. [Prospective types of [illegible] tion vessels] Perspektivnye tipy [illegible] nykh sudov. Moskva, Izd-vo "Rechnoi transport," 1962. 102 p.

BESHENTSEV, A. V. [Military ideology of [illegible] German "revanchists"] Voennaia ideologiia [illegible] germanskikh revanshistov. Moskva, Voen. izd-vo M-va oborony SSSR, 1962. 141 p.

BORISOV, B. A. [The first military virtue] [illegible] skaia doblest'. Moskva, Voen. izd-vo M-va oborony SSSR, 1962. 52 p. (Biblioteka soldata i matrosa)

CHEREPANOV, B. E. [Direct-current [illegible] trawlers] Primenenie [illegible] lerov. Izd. 2., perer. i dop. Moskva, Rybnoe khoziaistvo, 1962. 346 p.

IVANOV, N. N. [Be prepared for antiaircraft [illegible] Budʹ gotov k PVO. Izd. 2., perer. i dop. [illegible] Izd-vo DOSAAF, 1961. 135 p.

KHEENAS, M., K. SMIGEL'SKIS and L. [illegible] tures from foreign lands. Translated from Latvian] Storvlatniki s chuzhoi storony. [illegible] izd-vo Khudozh. lit-ry Litovskoi SSR, 1961. [illegible]

KUPRIN, A. M. [Orientation and maneuver of [illegible] Orientirovanie i dvizhenie na mestnosti. [illegible] Voen. izd-vo M-va oborony SSSR, 1962. [illegible] teka serzhanta)

LOKTIONOV, I. I. [Danube flotilla in the Great [illegible] War, 1941-1945] Dunaiskaia flotiliia v Velikoi [illegible] cheskoi voine, 1941-1945 gg. Moskva, [illegible] Izd-vo M-va obor. SSSR, 1962. 347 p.

MANZHOS, IU. A. [Sport boats with outboard [illegible] Sportivnye suda s podvesnymi motorami. [illegible] Sudpromgiz, 1962. 197 p.

MARKOV, ANATOLII. [Cadets and junkers, [illegible] cadets and junkers in peace and war] [illegible] russkie kadety i iunkera v mirnoe vremia [illegible] San Francisco, Izd. Obshchee-kadetskoe [illegible] [n.d.] 302 p.

MELESHKIN, G. A. [Self-controlled [illegible] generators for ships] Sudovye [illegible] s samoregulirovaniem napriazheniia. Moskva, Izd-vo "Morskoi transport," 1962. 76 p.

PAPKOVICH, P. F. [Structural mechanics of [illegible] Stroitel'naia mekhanika korablia. Moskva, [illegible] "Morskoi transport."
Pt. 1. Vol. 2. [Curvilinear frames [illegible] Krivolineinye ramy. Perekrytiia [illegible] sviazi. 1947. 814 p.

PONOMAREV, I. I. [The fate of heroes; [illegible] paperman tried to find the sailors who [illegible] the cruiser "Varyag" and the battleship [illegible] Sud'by geroev; zapiski zhurnalista o poiskakh [illegible] matrosov kreisera "Variag" i bronenostsa [illegible] kin." [Murmansk] Murmanskoe knizhnoe [illegible] 157 p.

RUBEN, B. S. [Commander's fortune, [illegible] komandira; ocherk. Moskva, Voen. izd-vo M-va [illegible] SSSR, 1962. 30 p. (Geroi-sovremenniki)

RUSSIA (1923- U.S.S.R.) Shtab grazhdanskoi [illegible] [How to defend oneself from a weapon of mass [illegible] tion] Kak zashchishchat'sia ot oruzhiia massovogo [illegible] porazheniia. Moskva, Voen. izd-vo M-va [illegible] SSSR, 1962. 29 p.

SEMENOV, I. S. [Firm internal order is the [illegible] the life of troops] Tverdyi vnutrennii poriadok [illegible] osnova zhizni voisk. Moskva, Voen. izd-vo M-va [illegible] SSSR, 1962. 57 p.

SHUSTROV, D. N., and A. E. SUKOLENOV. [Methods of work organization in river transportation] Sovremennye metody organizatsii raboty rechnogo transporta. Moskva, Izd-vo "Rechnoi transport," 1961. 88 p.

TSIGLER, V. D. [Refractory materials for lining [illegible] boiler fireboxes on ships] Ogneupornye materialy primeniaemye dlia kladki topok parovykh kotlov na morskikh sudakh. Moskva, Izd-vo "Morskoi transport," 1962. 81 p. (Biblioteka sudovogo mekhanika morskogo flota)

PART B—PERIODICALS

An asterisk (*) appearing before a periodical title indicates that it is available in full English translation For publishers of such translated periodicals, their subscription prices, etc, see listing at end of this issue

1. GENERAL

AKADEMIIA NAUK GRUZINSKOI SSR, Tiflis. Soobshcheniia [ACADEMY OF SCIENCES OF THE GEORGIAN S. S. R. Reports]. Tiflis, vol. 28, nos. 1, 4, Jan., Apr., 1962.

a. SCHOLARLY JOURNALS

AKADEMIIA NAUK ARMIANSKOI SSR, Erivan. Izvestiia. Obshchestvennye nauki [ACADEMY OF SCIENCES OF THE ARMENIAN S. S. R. Bulletin. Social Sciences]. Erivan, no. 3, Mar. 1962. [In Armenian]

AKADEMIIA NAUK AZERBAIDZHANSKOI SSR, Baku. Izvestiia. Seriia fiziko-matematicheskikh i tekhnicheskikh nauk [ACADEMY OF SCIENCES OF THE AZERBAIJAN S. S. R. Bulletin. Series in the Physical, Mathematical, and Technological Sciences]. Baku, no. 6, 1961; no. 1, 1962.

AKADEMIIA NAUK SSSR. Vostochno-Sibirskii filial, Irkutsk. Trudy [ACADEMY OF SCIENCES OF THE U. S. S. R. East Siberian Branch. Transactions]. Moscow, no. 36, 1961.

AKADEMIIA NAUK TADZHIKSKOI SSR, Stalinabad. Trudy [ACADEMY OF SCIENCES OF THE TAJIK S. S. R. Transactions]. Stalinabad, vol. 104, no. 1, 1959.

AKADEMIIA NAVUK BSSR, Minsk. Vestsi. Seryia hramadskikh navuk [ACADEMY OF SICENCES OF THE WHITE RUSSIAN S. S. R. Bulletin. Series in the Social Sciences]. Minsk, no 1, 1962.

ALMA-ATA. UNIVERSITET. Uchenye zapiski [UNIVERSITY. Studies]. Vol 37, 1958. Geologiia i geografiia [Geology and Geography], no. 4.

EESTI NSV TEADUSTE AKADEEMIA. Toimetised. Uhiskonnateaduste seeria. Izvestiia Akademii nauk Estonskoi SSR. Seriia obshchestvennykh nauk [ACADEMY OF SCIENCES OF THE ESTONIAN S. S. R. Bulletin. Series in the Social Sciences]. Tallinn, vol. 11, no. 1, 1962.

GROZNY. CHECHENO-INGUSHSKII NAUCHNO-ISSLEDOVATEL'SKII INSTITUT ISTORII, IAZYKA I LITERATURY. Trudy [CHECHEN-INGUSH RESEARCH INSTITUTE OF HISTORY, LANGUAGE, AND LITERATURE. Transactions]. Vol. 1, 1960.
Contents: IAkovlev, N. F. [Morphology of the Chechen language] Morfologiia chechenskogo iazyka. 236 p.

LENINGRAD. UNIVERSITET. Vestnik [UNIVERSITY. Review].
Vol. 17, no. 6, 1962. Seriia geologii i geografii [Series in Geology and Geography], no. 1.
Vol. 17, no. 8, 1962. Seriia istorii, iazyka i literatury [Series in History, Language, and Literature], no. 2.

MOSCOW. MOSKOVSKII GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT. Uchenye zapiski [MOSCOW STATE PEDAGOGICAL INSTITUTE. Studies]. Vol. 146, 1960.

NALCHIK. KABARDINO-BALKARSKII GOSUDARSTVENNYI UNIVERSITET. Uchenye zapiski [KABARDINO-BALKAR STATE UNIVERSITY. Studies]. No. 8, 1960.

OBSHCHESTVENNYE NAUKI V UZBEKISTANE [SOCIAL SCIENCES IN UZBEKISTAN]. Issued by Akademiia nauk Uzbekskoi SSR [Academy of Sciences of the Uzbek S. S. R.]. Tashkent, vol. 6, no. 3, 1962.

SOVETSKAIA ANTARKTICHESKAIA EKSPEDITSIIA, 1955-1958. Informatsionnyi biulleten' [SOVIET ANTARCTIC EXPEDITION, 1955-1958. Information Bulletin]. Leningrad, no. 31, 1961.

TARTU. ULIKOOL. Toimetised. Uchenye zapiski Tartuskogo gosudarstvennogo universiteta [UNIVERSITY. Studies]. No. 90, 1960. Trudy po filosofii [Transactions on Philosophy], no. 4.

b. POPULAR MAGAZINES

AMERIKA; illiustrirovannyi zhurnal [AMERICA ILLUSTRATED]. Published by the United States Information Agency. Washington, D.C., nos. 66-69, 1962

AZIIA I AFRIKA SEGODNIA [ASIA AND AFRICA TODAY]. Issued by Institut narodov Azii and Institut Afriki Akademii nauk SSSR [Institute of the Peoples of Asia and the Institute of Africa of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 4, Apr. 1962.

BARVINOK [PERIWINKLE]. Issued by TSentral'nyi komitet Leninskogo komunistychnoho soiuzu molodi Ukrainy and Respublikans'ka rada Vsesoiuznoi pioners'koi organizatsii imeni V. I. Lenina [Central Committee of the Ukrainian Communist Youth of Lenin and the Republic Council of the All-Union Lenin Pioneers]. Kiev, nos. 5-6, May-June 1962.

BELARUS' [WHITE RUSSIA]. Minsk, vol. 19, no. 4, Apr. 1962.

BERNIBA [CHILDHOOD]. Issued by Latvijas Lenina komunistiskas jaunatnes savienibas Centrala komiteja and Lenina pionieru organizacijas Latvijas republikas padome [Central Committee of the Lenin Communist Youth League of Latvia and the Republic Council of the Lenin Pioneers of Latvia]. Riga, nos. 9, 10, 12, Sept., Oct., Dec. 1960, nos. 3-4, Mar.-Apr. 1962. [In Latvian]

BIAROZKA [THE LITTLE BIRCH]. Issued by TSentral'ny kamitet Leninskaha komunistychnaha saiuza moladzi Belarusi and Respublikanki Savet pitanerskai arganizatsyi imia V. I. Lenina [Central Committee of the White Russian Communist Youth League of Lenin and the Republic Council of Lenin Pioneers]. Minsk, vol. 38, nos. 4-5, Apr. -May 1962.

DADZIS [THISTLE]. Riga, nos. 7(127)-8(128), 1962. [In Latvian]

DRUZHNO VPERED [FORWARD TOGETHER]. Issued by Kul'turna spilka ukrains'kykh trudiashchykh Chekhoslovachchyny [Cultural Association of the Ukrainian Workers of Czechoslovakia]. Presov, vol. 12, nos. 4(165)-5(166), Apr. -May 1962. [In Ukrainian]

GENYS [WOODPECKER]. Issued by Lietuvos Lenino komjaunimo sajungos Centro komitetas and Respublikine pioneriu taryba [Central Committee of the Lenin Communist Youth League of Lithuania and the Republic Council of Pioneers]. Vilnius, no. 12(84), 1960. [In Lithuanian]

JAUNIMO GRETOS [THE RANKS OF YOUTH]. Issued by Lietuvos Lenino komjaunimo sajungos Centro komitetas [Central Committee of the Lenin Communist Youth League of Lithuania]. Vilnius, no. 4(209), Apr. 1962. [In Lithuanian]

KAPKAN; Chuvashskii satiricheskii zhurnal [TRAP; Chuvash Satirical Magazine]. Cheboksary, nos. 7(400)-8(401), Apr. 1962.

KHORPUSHTAK [HEDGEHOG]. Dushanbe, no. 4(108), Apr. 1962. [In Tajik]

KIRPI [HEDGEHOG]. Baku, nos. 6, 8, Mar.-Apr. 1962. [In Azerbaijani]

KITAI [CHINA]. Published by Izdatel'stvo literatury na inostrannykh iazykakh [Publishing House for Literature in Foreign Languages]. Peiping, nos. 4-5, 1962.

KOSTER [CAMP FIRE]. Issued by TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin] and others. Leningrad, nos. 3-4, Mar. -Apr. 1962.

KROKODIL [CROCODILE]. Issued by gazeta [Newspaper] "Pravda." Moscow, vol. 40, nos 11(1661)-13(1663), Apr. -May 1962.

KUL'TURA I ZHIZN' [CULTURE AND LIFE]. Issued by Soiuz sovetskikh obshchestv druzhby i kul'turnoi sviazi s zarubezhnymi stranami [Union of Soviet Societies for Friendship and Cultural Relations with Foreign Countries]. Moscow, vol. 6, no. 2, 1962.

LIESMA [FLAME]. Issued by Latvijas LKJS Centrala komiteja [Central Committee of the Lenin Communist Youth League of Latvia]. Riga, no. 10, Oct. 1960; no. 4, Apr. 1962. [In Latvian]

MĚDENIET ZHĚNE TŮRMYS [CULTURE AND LIFE]. Issued by Ministerstvo kul'tury Kazakhskoi SSR [Ministry of Culture of the Kazakh S. S. R.]. Alma-Ata, nos. 3-4, Mar. -Apr. 1962. [In Kazakh]

MURZILKA [TINY TOT]. Issued by TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi and TSentral'nyi sovet Vsesoiuznoi pionerskoi organizatsii imeni V. I. Lenina [Central Committee of the All-Union Communist Youth League of Lenin and the Central Council of the V. I. Lenin All-Union Pioneer Organization]. Moscow, no. 5, May 1962.

MUSHTUM [PUNCH]. Tashkent, vol. 40, nos. 4(622), 6(624) 9(627), Feb. -May 1962. [In Uzbek]

MY I SVIT. WE AND THE WORLD. Toronto, vol. 12, no. 87, Dec. 1961; vol. 13, nos. 89-90, Feb. -Mar. 1962.

NARODNAIA RUMYNIIA [PEOPLE'S RUMANIA]. Bucharest, no. 4, Apr. 1962.

NOORUS [YOUTH]. Issued by Eestimaa Leniniliku Kommunistiliku Noorsooühingu Keskkomitee [Central Committee of the Lenin Communist Youth League of Estonia]. Tallinn, no. 3(185), Mar. 1962. [In Estonian]

NOVAIA KOREIA [NEW KOREA] Published by Izdatel'stvo literatury na inostrannykh iazykakh [Foreign-Language Publishing House]. Pyongyang, no. 1(166)-2(167), 1962.

NOVOSTI KOREI [NEWS OF KOREA]. Issued by TSentral'noe telegrafnoe agentstvo Korei [Central Telegraph Agency of Korea]. Pyongyang, vol. 5, nos. 1, 3-8, Jan. -Mar. 1962.

OTVETY NA VOPROSY TRUDIASHCHIKHSIA [REPLIES TO WORKERS' QUESTIONS]. Moscow, no. 12(133), Dec. 1961.

PERETS' [PEPPER]. Issued by Vydavnytstvo [Publishing House] 'Radians'ka Ukraina." Kiev, vol. 22, no. 8(475), Apr. 1962.

PILT JA SONA [PICTURE AND WORD]. Tallinn, no. 10(184), Oct. 1961; no. 4(190), Apr. 1962. [In Estonian]

PIONEER [PIONEER]. Issued by ELKNU Keskkomitee and Eesti NSV Pioneerorganisatsiooni Noukogu [Central Committee of the Lenin Communist Youth League of Estonia and the Council of the Pioneers of the Estonian S. S. R.]. Tallinn, vol. 20, no. 5(205), May 1962. [In Estonian]

PIONER [PIONEER]. Erivan, no. 3, Mar. 1962. [In Armenian]

640080 O - 62 - 3

PIONER [PIONEER] Issued by TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi and TSentral'nyi sovet Vsesoiuznoi pionerskoi organizatsii imeni V I Lenina [Central Committee of the All-Union Communist Youth League of Lenin and the Central Council of the All-Union Lenin Pioneers] Moscow, vol. 39, no. 1, Apr 1962.

PIONERIIA [PIONEERS]. Issued by TSentral'nyi komitet Lenins'koho komunistychnoho soiuzu molodi Ukrainy and Respublikans'ka Rada Vsesoiuznoi pioners'koi organizatsii imeni V I Lenina [Central Committee of the Ukrainian Communist Youth League of Lenin and the Republic Council of the All-Union Lenin Pioneers]. Kiev, vol [39], no 4(461), Apr 1962

POL'SHA [POLAND]. Warsaw, no. 4(92), 1962.

RABOCHE-KREST'IANSKII KORRESPONDENT [WORKERS' AND PEASANTS' CORRESPONDENT] Published by Izd-vo [Publishing House] "Pravda" Moscow, nos. 4-5, Apr -May 1962.

SAMOSTIINA UKRAINA. INDEPENDENT UKRAINE. Published by TSentral'na uprava Organizatsii derzhavnoho vidrodzhennia Ukrainy [Central Administration of the Organization for the Rebirth of Ukraine] Chicago, vol. 15, nos. 4(158)-5(159), Apr.-May, 1962.

SKYNTEIA LENINISTE [LENINIST SPARK]. Issued by Moldavian Communist Youth League of Lenin. Kishinev, vol. 32, nos. 3-4, Mar.-Apr. 1962. [In Moldavian]

SLUOTA [THE BROOM]. Issued by Lietuvos komunistu partijos Centro komitetas [Central Committee of the Communist Party of Lithuania]. Vilnius, nos. 8(193)-10(185), Apr.-May 1962. [In Lithuanian]

SOGLASIE [CONCORD]. Los Angeles, Calif., vol. 11, nos 128-129, May-June, 1962.

SUMIVETS'. Organ of Spilka ukrains'koi molodi Ameryky [Ukrainian American Youth Association]. *New York*, vol. 9, no. 1(38), Jan.-Apr. 1962.

SVYTURYS [THE LIGHTHOUSE]. Vilnius, vol. 14, nos. 8(320)-10(322), Apr.-May 1962. [In Lithuanian]

TOČIKISTON [TAJIKISTAN]. Dushanbe, vol. 7, no. 4, Apr. 1962. [In Tajik]

UKRAINA [THE UKRAINE] Published by Vydavnytstvo "Radians'ka Ukraina" [Publishing House "Soviet Ukraine"] Kiev, no. 10(313), May 1962.

UKRAINS'KE TOVARYSTVO DRUZHBY I KUL'TURNOHO ZV'IAZKU Z ZARUBIZHNYMY KRAINAMY, Poradians'kii Ukraini; fotokhronika [UKRAINIAN SOCIETY FOR FRIENDSHIP AND CULTURAL RELATIONS WITH FOREIGN COUNTRIES. Through Soviet Ukraine, photo report] Kiev, no 3, 1962

URAL'SKII SLEDOPYT [URAL PATHFINDER]. Issued by Sverdlovskoe otdelenie Soiuza pisatelei and Sverdlovskii obkom VLKSM [Sverdlovsk Branch of the Association of Writers and the Sverdlovsk Province Committee of the All-Union Communist Youth League of Lenin]. Sverdlovsk, nos. 3-4, Mar.-Apr. 1962.

ZHIZN' SLEPYKH [LIFE OF THE BLIND]. Organ of TSentral'noe pravlenie Vserossiiskogo obshchestva slepykh [Central Administration of the All-Russian Society of the Blind]. Moscow, vol. 39, no. 4, Apr. 1962.

ZVAIGZNE [THE STAR]. Riga, no. 17(267), Sept. 1961; nos. 3(282)-10(284), Apr.-May 1962. *[In Latvian]*

V'ETNAM [VIETNAM]. Hanoi, Vietnam, no. 3(54), 1962.

VOZHYK [HEDGEHOG]. Issued by TSentral'ny kamitet Komunistychnai partyi Belarusi [Central Committee of the Communist Party of White Russia]. Minsk, vol. 22, nos. 6(532)-8(534), Mar.-Apr. 1962.

VSESVIT. THE UNIVERSE. Neu-Ulm, vol. 4[i. e. 5], no. 4(48), Apr. 1962.

VYZVOL'NYI SHLIAKH [LIBERATION PATH]. London, vol. 9(15), nos. 3/99(173)-4-5/100(174), Mar.-May, 1962.

ZHIZN' GLUKHIKH [LIFE OF THE DEAF]. *Issued by* Vserossiiskoe obshchestvo glukhikh [All-Russian Society of the Deaf]. Moscow, vol. 15, no. 4, Apr. 1962.

2. BIBLIOGRAPHY

a. BIBLIOGRAPHY

AKADEMIIA NAUK SSSR. Biblioteka Novye inostrannye knigi, postupivshie v sistemu bibliotek [ACADEMY OF SCIENCES OF THE U.S.S.R. Library. New Foreign Books Received by the Library System]. Moscow, nos. 116-118, 1961.

BIBLOS, ZHURNAL UKRAINS'KOI BIBLIOGRAFII [JOURNAL OF UKRAINIAN BIBLIOGRAPHY]. New York, vol. 8, nos. 8-9(64-65), Aug.-Sept. 1960.

EZHEGODNIK KNIGI SSSR; sistematicheskii ukazatel' [ANNUAL OF SOVIET BOOKS; Classed Index]. Vol. 1, 1960. Issued by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, 1962

INFORMATSIONNYI UKAZATEL' BIBLIOGRAFICHESKIKH SPISKOV I KARTOTEK, SOSTAVLENNYKH BIBLIOTEKAMI SOVETSKOGO SOIUZA [INFORMATION INDEX OF BIBLIOGRAPHICAL LISTS AND CARD FILES, COMPILED BY THE LIBRARIES OF THE SOVIET UNION]. Issued by Gosudarstvennaia biblioteka SSSR [State Library of the U.S.S.R.]. Moscow, nos. 5-7, 1962.

KNIZHNAIA LETOPIS' [BOOK CHRONICLE]. Issued by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, nos. 15-16, 18-19, 1962.
——— Dopolnitel'nyi vypusk [Supplementary Issue], no. 3, 1962.

LETOPIS' GAZETNYKH STATEI [CHRONICLE OF NEWSPAPER ARTICLES]. Issued by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, no. 3, 1962. Vspomogatel'nye ukazateli k nos. 10-12 za 1961 g [Indexes to nos 10-12]

LETOPIS' RETSENZII [CHRONICLE OF REVIEWS]. Published by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, no. 1, 1962.

LETOPIS' ZHURNAL'NYKH STATEI [CHRONICLE OF PERIODICAL ARTICLES]. Published by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, nos. 15-17, 1962.

MOSCOW. PUBLICHNAIA BIBLIOTEKA. Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V.I. Lenina. Seriia 1: Fiziko-matematicheskie, khimicheskie i geologo-geograficheskie nauki, tekhnika i tekhnicheskie nauki [PUBLIC LIBRARY, Information Bulletin of New Foreign Books, Received by the Lenin Library. Series 1: Physical, Mathematical, Chemical, Geological and Geographical Sciences; Technology and Technological Sciences]. Nos. 8, 11-12, 1962.

MOSCOW. PUBLICHNAIA BIBLIOTEKA. Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V.I. Lenina. Seriia 2: Biologicheskie, meditsinskie i sel'skokhoziaistvennye nauki [PUBLIC LIBRARY, Information Bulletin of New Foreign Books, Received by the Lenin Library. Series 2: Biological, Medical, and Agricultural Sciences]. Vol. 5, nos. 11-12, 1962.

MOSCOW. PUBLICHNAIA BIBLIOTEKA. Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V.I. Lenina. Seriia 3 Obshchestvennye nauki, khudozhestvennaia literatura, iskusstvo [PUBLIC LIBRARY, Information Bulletin of New Foreign Books, Received by the Lenin Library. Series 3: Social Sciences, Belles-Lettres, Art]. Nos. 10-12, 1962.

NOVAIA LITERATURA O NAUKE I NAUCHNO-ISSLEDOVATEL'SKOI RABOTE ZA RUBEZHOM [NEW LITERATURE ON SCIENCE AND RESEARCH ABROAD]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 1, 1962.

NOVAIA LITERATURA PO EVROPEISKIM STRANAM NARODNOI DEMOKRATII I SLAVIANOVEDENIIU: BOLGARIIA [NEW LITERATURE ON EUROPEAN PEOPLE'S DEMOCRACIES AND SLAVIC STUDIES: *BULGARIA*]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 1, 1962.

NOVAIA LITERATURA PO IUGOSLAVII [NEW LITERATURE ON YUGOSLAVIA]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 1-2, 1962.

NOVAIA SOVETSKAIA I INOSTRANNAIA LITERATURA PO STRANAM ZARUBEZHNOGO VOSTOKA [NEW SOVIET AND FOREIGN LITERATURE ON THE COUNTRIES OF THE NON-SOVIET EAST]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.] Moscow, no 1, 1962

NOVAIA SOVETSKAIA LITERATURA O NAUKE I NAUCHNO-ISSLEDOVATEL'SKOI RABOTE V SSSR [NEW SOVIET LITERATURE ON SCIENCE AND GENERAL RESEARCH IN THE U.S.S.R.]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.] Moscow, no 2, 1962.

NOVYE KNIGI [NEW BOOKS]. Issued by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber] Moscow, nos. 16-21, Apr -May 1962

SOVETSKAIA BIBLIOGRAFIIA [SOVIET BIBLIOGRAPHY] Issued by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, no. 1(71), 1962.

b. LIBRARIES & LIBRARY SCIENCE

BIBLIOTEKAR' [THE LIBRARIAN]. Organ of Ministerstvo kul'tury RSFSR [Ministry of Culture of the R.S.F.S.R.]. Moscow, no. 4, Apr. 1962.

c. PRINTING & THE BOOK TRADE

KNIGA, issledovaniia i materialy [THE BOOK, Studies and Papers]. Issued by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, vol. 5, 1961.

POLIGRAFICHESKOE PROIZVODSTVO [PRINTING INDUSTRY]. Organ of Ministerstvo kul'tury SSSR [Ministry of Culture of the U.S.S.R.]. Moscow, no. 11, Nov. 1961.

REFERATIVNYI ZHURNAL. OTDEL'NYI VYPUSK 37 OBORUDOVANIE I TEKHNOLOGIIA POLIGRAFICHESKOGO PROIZVODSTVA [JOURNAL OF ABSTRACTS. SEPARATE ISSUE 37: EQUIPMENT AND TECHNOLOGY OF THE PRINTING INDUSTRY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 7-8, Apr. 1962.

3. PHILOSOPHY & RELIGION

a. PHILOSOPHY

NOVAIA SOVETSKAIA LITERATURA PO FILOSOFII [NEW SOVIET LITERATURE ON PHILOSOPHY]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 1-2, 1962.

RU[illegible]

Moscow, vol. 5, no. 2, 1962.

VOPROSY FILOSOFII [PROBLEMS OF PHILOSOPHY] Issued by Institut filosofii Akademii nauk SSSR [Institute of Philosophy of the Academy of Sciences of the U.S.S.R.]. Moscow, vol. 16, no. 4, 1962.

VOPROSY PSIKHOLOGII [PROBLEMS OF PSYCHOLOGY]. Issued by Akademiia pedagogicheskikh nauk RSFSR [Academy of Pedagogical Sciences of the R.S.F.S.R.]. Moscow, vol. 8, no. 1, Jan.-Feb. 1962.

b. RELIGION

EDINAIA TSERKOV', ONE CHURCH. Organ of Patriarshii Ekzarkhat Russkoi Pravoslavnoi Katolicheskoi TSerkvi v Amerike [Patriarchal Exarchate of the Russian Orthodox Catholic Church in America]. New York, vol. 18, no. 1, Jan.-Feb. 1962.

HOLAS TSARKVY [THE VOICE OF THE CHURCH]. Issued by TSarkounaia rada Belaruskaga autakefal'naga pravaslaunaga tsarkvy [Belorussian Autocephalic Orthodox Church]. New York, no. 15, 1962.

NOVAIA SOVETSKAIA I INOSTRANNAIA LITERATURA PO VOPROSAM RELIGII I ATEIZMA [NEW SOVIET AND FOREIGN LITERATURE ON THE PROBLEMS OF RELIGION AND ATHEISM]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.] Moscow, nos. 1-2, 1962

ORTHODOX EASTERN CHURCH, RUSSIAN. Patriarch. Zhurnal Moskovskoi Patriarkhii [Journal of the Moscow Patriarchate]. Moscow, no. 2, Feb. 1962.

RIDNA TSERKVA [OUR BELOVED CHURCH]. Issued by Bogoslovs'ko-naukovyi instytut Ukrains'koi avtokefal'noi pravoslavnoi tserkvi na chuzhyni [Theological Institute of the Ukrainian Autocephalous Orthodox Church Abroad] Munich, vol. 11, no. 50, Apr.-June 1962.

RUSSKO-AMERIKANSKII PRAVOSLAVNYI VESTNIK THE RUSSIAN AMERICAN ORTHODOX MESSENGER. Organ of Mitropolichii okrug Russkoi Pravoslavnoi TSerkvi v Amerike [Metropolitanate of the Russian *Orthodox Church in America*]. New York, *vol 56*, no. 5, May 1962

SVITLO. THE LIGHT. Issued by OO. Vasyliiany [The Basilian Fathers]. Toronto, vol. 25, no. 2(470), Feb. 1962.

TSERKOVNYI VESTNIK [CHURCH HERALD]. Organ of Pravoslavnaia tserkov' v Pol'she [Orthodox Church in Poland]. Warsaw, vol. 9, nos. 2-3, Feb.-Mar. 1962.

UKRAINS'KE PRAVOSLAVNE SLOVO. UKRAINIAN ORTHODOX WORD. Organ of the Ukrainian Orthodox Church of the United States of America. South Bound Brook, N.J., vol. 13, no. 6, June 1962.

VECHNOE [THE ETERNAL]. Paris, no. 6(174), June 1962.

VIRA I KUL'TURA. FAITH AND CULTURE. Organ of Ukraina'ke naukove bohoslova'ke tovaryatvo [Ukrainian Theological Society]. Winnipeg, vol. 25, nos 6(102),8(104), Apr., June 1962.

VOIOVNYCHYI ATEIST [MILITANT ATHEIST]. Issued by Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukraina'koi RSR [Society for Dissemination of Political and Scientific Knowledge of the Ukrainian S.S.R.]. Kiev, nos. 4-5, Apr.-May 1962.

4. HISTORY

a. GENERAL

AKADEMIIA NAUK ARMIANSKOI SSR, Erivan. Istoriko-filologicheskii zhurnal [ACADEMY OF SCIENCES OF THE ARMENIAN S.S.R. Historical and Philological Review]. Erivan, no. 1, 1962.

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Izvestiia. Seriia istorii, arkheologii i etnografii [ACADEMY OF SCIENCES OF THE KAZAKH S.S.R. Bulletin. Series in History, Archaeology, and Ethnography]. Alma-Ata, no. 1, 1962.

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Institut istorii, arkheologii i etnografii. Trudy [ACADEMY OF SCIENCES OF THE KAZAKH S.S.R. Institute of History, Archaeology, and Ethnography. Transactions] Alma-Ata, vol. 14, 1962.
Contents: [Archaeological explorations at the northern slopes of Kara-Tau] Arkheologicheskie issledovaniia na severnykh sklonakh Karatau. 210 p.

AKADEMIIA NAUK TADZHIKSKOI SSR, Stalinabad. Institut istorii, arkheologii i etnografii. Trudy [ACADEMY OF SCIENCES OF THE TAJIK S.S.R. Institute of History, Archeology, and Ethnology. Transactions]. Stalinabad, vol. 27, 1961. Arkheologicheskie raboty v Tadzhikistane [Archaeological Work in Tajikistan], no. 6.

INSTITUT ZUR ERFORSCHUNG DER UdSSR. Materialy i soobshchenila Issledovatel'skogo otdela [INSTITUTE FOR THE STUDY OF THE U.S.S.R. Materials and Reports of the Research Department]. Munich, no. 31(159), Jan. 1962.

NARODY AZII I AFRIKI; istoriia, ekonomika, kul'tura [PEOPLES OF ASIA AND AFRICA; History, Economics, Culture]. Issued by Institut narodov Azii and Institut Afriki Akademii nauk SSSR [Institute of the Peoples of Asia and Institute of Africa of the Academy of Sciences of the U.S.S.R.]. No. 2, 1962.

NOVAIA I NOVEISHAIA ISTORIIA [MODERN AND RECENT HISTORY]. Issued by Institut istorii Akademii nauk SSSR [Institute of History of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 2, 1962.

NOVAIA INOSTRANNAIA LITERATURA PO ISTORII, ARKHEOLOGII I ETNOGRAFII [NEW FOREIGN LITERATURE ON HISTORY, ARCHAEOLOGY, AND *ETHNOGRAPHY*]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.] Moscow, no. 2, 1962

NOVIK, istoriko-genealogicheskii zhurnal [RECRUIT FROM THE GENTRY, Historical and Genealogical Journal]. Issued by Russkoe istoriko-rodoslovnoe obshchestvo v Amerike [Russian Historical and Genealogical Society in America]. New York, vol. 25, 1961.

PREPODAVANIE ISTORII V SHKOLE [TEACHING HISTORY IN SCHOOLS]. Issued by Ministerstvo prosveshchenila RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, vol. 17, no. 3, May-June 1962.

VOENNO-ISTORICHESKII ZHURNAL [MILITARY HISTORY JOURNAL] Organ of Ministerstvo oborony SSSR [Ministry of Defense of the U.S.S.R.]. Moscow, vol. 4, nos. 1, 4, Jan., Apr. 1962.

VOPROSY ARKHIVOVEDENIIA [PROBLEMS OF ARCHIVES]. Issued by Glavnoe arkhivnoe upravlenie pri Sovete Ministrov SSSR [Main Archives administration, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, vol. 7, no. 1, Jan.-Mar. 1962

b. ARCHAEOLOGY & ANTIQUITIES

ARKHEOLOGIIA [ARCHAEOLOGY]. Issued by Instytut arkheologii Akademii nauk Ukrains'koi RSR [Institute of Archaeology of the Academy of Sciences of the Ukrainian S.S.R.]. Kiev, vol. 13, 1961. [In Ukrainian]

MATERIALY I ISSLEDOVANIIA PO ARKHEOLOGII SSSR [MATERIALS AND RESEARCH IN THE ARCHAEOLOGY OF THE U.S.S.R.] Issued by Institut istorii material'noi kul'tury Akademii nauk SSSR [Institute of History of Material Culture of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 105, 1961.
Contents Rappoport, P.A. [Sketches on the history of the military architecture of northeastern and northwestern Russia in the tenth to fifteenth centuries] Ocherki po istorii voennogo zodchestva Severo-Vostochnoi i Severo-Zapadnoi Rusi X-XV vv. 245 p.

5. SOCIAL SCIENCES

a. COMMERCE

BUKHGALTERSKII UCHET [ACCOUNTING]. Organ of Ministerstvo finansov SSSR [Ministry of Finance of the U.S.S.R.]. Moscow, vol. 19, nos. 3-4, Mar.-Apr. 1962.

SOVETSKAIA TORGOVLIA [SOVIET COMMERCE]. Organ of Ministerstvo torgovli RSFSR [Ministry of Commerce of the R.S.F.S.R.]. Moscow, vol. 35, no. 4, Apr. 1962

*VNESHNIAIA TORGOVLIA [FOREIGN TRADE]. Organ of Ministerstvo vneshnei torgovli SSSR [Ministry of Foreign Commerce of the U.S.S.R.] Moscow, vol. 42, nos. 4-5, 1962.

b. ECONOMICS

AKADEMIIA NAUK SSSR, IAkutskii filial, Yakutsk. Trudy. Seriia ekonomicheskaia [ACADEMY OF SCIENCES OF THE U.S.S.R. Yakut Branch. Transactions. Economic Series]. Moscow, no. 3, 1961

EKONOMIKA STROITEL'STVA [ECONOMICS OF CONSTRUCTION]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U.S.S.R. for Construction]. Moscow, nos. 1, 3, Jan., Mar. 1962.

LIAUDIES UKIS [THE NATIONAL ECONOMY]. Issued by Lietuvos TSR Valstybine plano komisija [State Planning Commission of the Lithuanian S.S.R.] and others. Vilnius, nos. 3(41)-4(42), Mar.-Apr. 1962. [In Lithuanian]

NARODNOE KHOZIAISTVO ARMENII [THE NATIONAL ECONOMY OF ARMENIA]. Issued by Gosplan Soveta Ministrov Armianskoi SSR [State Planning Commission of the Council of Ministers of the Armenian S.S.R.]. Erivan, nos 3-4, 1962 [In Armenian]

NARODNOE KHOZIAISTVO KAZAKHSTANA [THE NATIONAL ECONOMY OF KAZAKHSTAN]. Issued by Gosplan Kazakhskoi SSR [State Planning Commission of the Kazakh S.S.R.]. Alma-Ata, vol. 20, no. 3, Mar. 1962.

NARODNOE KHOZIAISTVO UZBEKISTANA [THE NATIONAL ECONOMY OF UZBEKISTAN]. Issued by Gosudarstvennaia planovaia komissiia Soveta Ministrov Uzbekskoi SSR [State Planning Commission of the Council of Ministers of the Uzbek S.S.R.]. Tashkent, vol. 4, no. 3, Mar. 1962.

NOVAIA INOSTRANNAIA EKONOMICHESKAIA LITERATURA [NEW FOREIGN ECONOMIC LITERATURE]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.] Moscow, no. 2, 1962.

NOVAIA SOVETSKAIA EKONOMICHESKAIA LITERATURA [NEW SOVIET ECONOMIC LITERATURE]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 7-8, 1962

OCHERKI PO SOVREMENNOI SOVETSKOI I ZARUBEZHNOI EKONOMIKE [STUDIES ON CONTEMPORARY SOVIET AND FOREIGN ECONOMICS]. Issued by Nauchno-issledovatel'skii ekonomicheskii institut [Scientific Research Institute of Economics]. Moscow, no. 2, 1961.

PYTANNIA EKONOMIKY SIL'S'KOHO HOSPODARSTVA UKRAINS'KOI RSR [PROBLEMS IN THE ECONOMICS OF THE AGRICULTURE OF THE UKRAINIAN S.S.R.]. Issued by Ukrains'kyi naukovo-doslidnyi instytut ekonomiky i organizatsii sil's'koho hospodarstva [Ukrainian Scientific Research Institute of the Economics and Organization of Agriculture]. Kiev, no. 3, 1961.

PYTANNIA ROZVYTKU PRODUKTYVNYKH SYL L'VIV-S'KOHO I STANISLAVS'KOHO EKONOMICHNYKH ADMINISTRATYVNYKH RAIONIV [PROBLEMS OF THE DEVELOPMENT OF THE PRODUCTIVE FORCES OF LVOV AND STANISLAV ECONOMIC ADMINISTRATIVE REGIONS]. Issued by Rada po vyvchenniu produktyvnykh syl URSR Akademii nauk URSR and L'vivs'kyi derzhavnyi universytet [Council on the Study of the Productive Forces of the Ukrainian S.S.R. of the Academy of Sciences of the Ukrainian S.S.R. and Lvov State University]. Kiev, no. 2, 1961.

REFERATIVNYI SBORNIK: EKONOMIKA PROMYSHLENNOSTI [JOURNAL OF ABSTRACTS: ECONOMICS OF INDUSTRY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 4-5, Apr.-May 1962.

SOVETSKAIA POTREBITEL'SKAIA KOOPERATSIIA [SOVIET CONSUMER COOPERATION] Issued by TSentral'nyi soiuz potrebitel'skikh obshchestv SSSR [Central Union of Consumers Societies of the U.S.S.R.]. Moscow, vol. 6, no. 4, Apr. 1962.

UCHET I FINANSY V KOLKHOZAKH I SOVKHOZAKH [ACCOUNTING AND FINANCE ON COLLECTIVE AND STATE FARMS]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 19, no. 4, Apr. 1962.

UKRAINS'KYI HOSPODARNYK. THE UKRAINIAN ECONOMIST. New York, vol. 8, no. 7, 1962.

VILNA. UNIVERSITETAS. Mokslo darbai. Uchenye zapiski Vil'niusskogo gosudarstvennogo universiteta [UNIVERSITY. Studies]. Vol. 15, 1958. Ekonomikos moksliu serija. Seriia ekonomicheskikh nauk [Series in the Economic Sciences], vol. 3.

VOPROSY EKONOMIKI [PROBLEMS OF ECONOMICS]. Issued by Institut ekonomiki Akademii nauk SSSR [Institute of Economics of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 4, Apr. 1962.

c. FINANCE

DEN'GI I KREDIT [MONEY AND CREDIT]. Published by Gosudarstvennyi bank SSSR [U.S.S.R. State Bank]. Moscow, vol. 20, no. 4, Apr. 1962.

FINANSY SSSR [FINANCE OF THE U.S.S.R.]. Issued by Ministerstvo finansov SSSR [Ministry of Finance of the U.S.S.R.]. Moscow, vol. 23, no. 4, Apr. 1962.

d LABOR

OKHRANA TRUDA I SOTSIAL'NOE STRAKHOVANIE [PROTECTION OF LABOR AND SOCIAL INSURANCE]. Issued by Vsesoiuznyi TSentral'nyi Sovet Professional'nykh Soiuzov [All-Union Central Council of Trade Unions]. Moscow, vol. 5, nos. 3-4, Mar.-Apr. 1962.

RABOTNITSA I SIALIANKA [THE WOMAN WORKER AND THE PEASANT WOMAN] Issued by TSentral'nyi kamitet Komunistychnae partyi Belarusi [Central Committee of the Communist Party of White Russia]. Minsk, vol 38, nos 1, 4, Jan., Apr 1962.

SOTSIALISTICHESKII TRUD [SOCIALIST LABOR]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po voprosam truda i zarabotnoi platy [State Committee of the Council of Ministers of the U. S. S. R. on Labor and Wage Problems] Moscow, vol 7, no 1, Jan 1962

SOVETSKIE PROFSOIUZY [SOVIET TRADE UNIONS]. Issued by Vsesoiuznyi TSentral'nyi Sovet Professional'nykh Soiuzov [All-Union Central Council of Trade Unions]. Moscow, vol 18, nos 2(236), 8(242)-9(243), Jan , Apr -May 1962.

e SOCIOLOGY

AZÉRBAÏCHAN GADYNY [AZERBAIJAN WOMAN]. Issued by TSentral'nyi komitet Kommunisticheskoi Partii Azerbaidzhana [Central Committee of the Communist Party of Azerbaijan]. Baku, no. 3, Mar. 1962. [In Azerbaijani]

KAZACH'IA ZHIZN' [COSSACK LIFE]. Issued by Vtoroi otdel Kazach'e-amerikanskogo narodnogo soiuza [Second Division of the Cossack American National Alliance, Inc.]. Providence, R.I., vol. 10, no. 110-111, Apr -May 1962.

KOMSOMOL'SKAIA ZHIZN' [LIFE OF COMMUNIST YOUTH] Issued by TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, no. 8, Apr. 1962.

NOUKOGUDE NAINE [SOVIET WOMAN]. Issued by EKP Keskkomitee [Central Committee of the Communist Party of Estonia]. Tallinn, nos. 1-4, Jan.-Apr. 1962. [In Estonian]

PADOMJU LATVIJAS SIEVIETE [WOMAN OF SOVIET LATVIA]. Issued by Latvijas komunistiskas partijas Centrala komiteja [Central Committee of the Communist Party of Latvia]. Riga, nos. 10(98), 12(100), Oct., Dec. 1960, no. 4(116), Apr. 1962. [In Latvian]

RADIANS'KA ZHINKA [SOVIET WOMAN] Issued by Ukrains'ka respublikans'ka rada professiinykh spilok and Spilka radians'kykh pys'mennykiv Ukrainy [Ukrainian Republican Council of Trade Unions and the Association of Soviet Writers of the Ukraine] Kiev, vol 17, no. 5(197), May 1962.

SMENA [THE YOUNGER GENERATION]. Organ of TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin] Moscow, vol. 39, no. 8, Apr 1962.

SOTSIAL'NOE OBESPECHENIE [SOCIAL SECURITY] Issued by Ministerstvo sotsial'nogo obespecheniia RSFSR [Ministry of Social Security of the R S F. S R.] Moscow, vol. 23, nos 4-5, Apr.-May 1962.

SOVET TURKMENISTANYNYŇ AIALLARY [SOVIET TURKMENISTAN WOMAN]. Organ of TsK KP Turkmenistana [Central Committee of the Communist Party of Turkmenistan]. Ashkhabad, no. 4(106), Apr. 1962. [In Turkmen]

SOVETSKAIA ZHENSHCHINA [SOVIET WOMAN]. Organ of Komitet sovetskikh zhenshchin and Vsesoiuznyi TSentral'nyi Sovet Professional'nykh Soiuzov [Committee of Soviet Women and the All-Union Central Council of Trade Unions]. Moscow, vol. 18, no. 5, 1962.

TARYBINE MOTERIS [SOVIET WOMAN]. Issued by Lietuvos komunistu partijos Centro komitetas [Central Committee of the Communist Party of Lithuania]. Vilnius, no. 4(124), Apr. 1962. [In Lithuanian]

UKRAINS'KE TSENTRAL'NE DOPOMOHOVE OB"IEDNANNIA V AVSTRII. Biuleten' [UKRAINIAN CENTRAL RELIEF ASSOCIATION IN AUSTRIA. Bulletin]. Salzburg, no. 1/2, Jan.-Apr. 1962.

UZBEKISTON KHOTIN-KIZLARI [WOMEN OF UZBEKISTAN]. Tashkent, no. 4(139), Apr. 1962. [In Uzbek]

VOLIA. FREEDOM. Issued by Soiuz byvshikh politicheskikh zakliuchennykh iz SSSR [Association of Former Political Prisoners From the U. S. S. R.]. Munich, vol. 2, nos. 12-13, Feb.-Mar. 1962.

ZMINA [THE YOUNGER GENERATION]. Issued by TSentral'nyi komitet Lenins'koho komunistychnoho soiuzu molodi Ukrainy [Central Committee of the Ukrainian Communist Youth League of Lenin]. Kiev, no. 5(110), May 1962.

6. POLITICAL SCIENCE

AGITATOR [AGITATOR]. Issued by TSentral'nyi komitet Kommunisticheskoi partii Sovetskogo Soiuza [Central Committee of the Communist Party of the Soviet Union]. Moscow, nos. 6, 10, Mar., May 1962.

BOR'BA [THE STRUGGLE]. Organ of Soiuz bor'by za osvobozhdenie narodov Rossii [Union of the Struggle for the Liberation of the Peoples of Russia]. Munich, vol. 16, no. 1(63), Feb. 1962.

CHASOVOI [THE SENTRY]. Organ of Rossiiskoe natsional'noe dvizhenie [Russian National Movement]. Brussels, no. 429(2), Feb. 1962.

EESTI KOMMUNIST [COMMUNIST OF ESTONIA]. Issued by Eestimaa Kommunistliku Partei Keskkomitee [Central Committee of the Communist Party of Estonia]. Tallinn, vol. 18, no. 4, Apr. 1962. [In Estonian]

KAMUNIST BELARUSI [COMMUNIST OF WHITE RUSSIA]. Issued by TSentral'ny kamitet Kamunistychnai partyi Belarusi [Central Committee of the Communist Party of White Russia]. Minsk, vol. 36, nos. 3-4, Mar.-Apr. 1962.

KAZAKSTAN KOMMUNISI [COMMUNIST OF KAZAKHSTAN]. Issued by the Communist Party of Kazakhstan. Alma-Ata, vol. 44, nos. 3-4, Mar.-Apr. 1962. [In Kazakh]

KOMMUNIST [COMMUNIST]. Issued by TSentral'nyi Komitet Kommunisticheskoi partii Litvy [Central Committee of the Communist Party of Lithuania]. Vilnius, vol. 45, no. 4(454), Apr. 1962.

KOMMUNIST [COMMUNIST]. Organ of TSentral'nyi komitet Kommunisticheskoi partii Sovetskogo Soiuza [Central Committee of the Communist Party of the Soviet Union]. Moscow, vol. 39, no. 8, May 1962.

KOMMUNIST BELORUSSII [COMMUNIST OF WHITE RUSSIA]. Organ of TSentral'nyi komitet Kommunisticheskoi partii Belorussii [Central Committee of the Communist Party of White Russia]. Minsk, vol. 36, no. 4, Apr. 1962.

KOMMUNIST ESTONII [COMMUNIST OF ESTONIA]. Issued by TsK Kompartii Estonii [Central Committee of the Communist Party of Estonia]. Tallinn, vol. 18, no. 3, Mar. 1962.

KOMMUNIST MOLDAVII [COMMUNIST OF MOLDAVIA]. Issued by TSentral'nyi komitet Kommunisticheskoi partii Moldavii [Central Committee of the Communist Party of Moldavia]. Kishinev, vol. 7, nos. 3-4, Mar.-Apr. 1962.

KOMMUNIST SOVETSKOI LATVII [COMMUNIST OF SOVIET LATVIA]. Issued by TSentral'nyi Komitet Kommunisticheskoi partii Latvii [Central Committee of the Communist Party of Latvia]. Riga, vol. 17, no. 4, Apr. 1962.

KOMMUNIST UKRAINY [COMMUNIST OF THE UKRAINE]. Issued by TSentral'nyi komitet Komunistychnoi partii Ukrainy [Central Committee of the Communist Party of the Ukraine]. Kiev, vol. 37, no. 4, Apr. 1962.

KOMMUNISTI TOČIKISTON [COMMUNIST OF TAJIKISTAN]. Issued by the Central Committee of the Communist Party of Tajikistan. Dushanbe, no. 4, Apr. 1962. [In Tajik]

KOMUNISTAS [COMMUNIST]. Issued by Lietuvos komunistu partijos Centro komitetas [Central Committee of the Communist Party of Lithuania]. Vilnius, no. 4(454), Apr. 1962. [In Lithuanian]

LENINIAN UGIOV [LENIN'S WAY]. Issued by TSentral'nyi komitet Kommunisticheskoi partii Armenii [Central Committee of the Communist Party of Armenia]. Erivan, vol. 39, nos. 3-4, Mar.-Apr. 1962. [In Armenian]

MEZHDUNARODNAIA ZHIZN' [INTERNATIONAL [illegible] Published by Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii [All-Union Society for the Dissemination of Political and Scientific Knowledge]. Moscow, vol. 9, no. [illegible] May [illegible]

MOSCOW. INSTITUT MEZHDUNARODNYKH OTNOSHENII. Uchenye zapiski [INSTITUTE OF INTERNATIONAL RELATIONS. Studies]. No 4, 1961

MOSCOW. Ispolnitel'nyi komitet. Biulleten' [Executive Committee. Bulletin]. No. 5(195), Mar., 1962 no. 23(469), Dec. 1959, nos. 3(509), 6(512). [illegible] 1962.

NOVOE VREMIA [NEW TIMES]. Moscow, vol. [illegible] nos. 19, 23(869), May-June 1962.

PARTIIA TURMUSHI [PARTY LIFE] Issued by [illegible] tral'nyi Komitet Kommunisticheskoi partii [illegible] stana [Central Committee of the Communist Party of Uzbekistan]. Tashkent, no. 4, Apr 1962 [In Uzbek]

PARTIINAIA ZHIZN' [PARTY LIFE]. Issued by [illegible] tral'nyi komitet Kommunisticheskoi partii [illegible] skogo Soiuza [Central Committee of the Communist Party of the Soviet Union]. Moscow, no. 9, May [illegible]

PARTIINAIA ZHIZN' [PARTY LIFE]. Issued by [illegible] nyi Komitet Kommunisticheskoi partii Uzbekistana [Central Committee of the Communist Party of Uzbekistan]. Tashkent, vol. 5, no. 2, Feb. 1962.

PARTIINAIA ZHIZN' KAZAKHSTANA [PARTY LIFE IN KAZAKHSTAN]. Issued by TSentral'nyi komitet Kazakhstana [Central Committee of the Communist Party of Kazakhstan]. Alma-Ata, vol. [illegible] no. 4, Apr. 1962.

PROBLEMY MIRA I SOTSIALIZMA [PROBLEMS OF PEACE AND SOCIALISM]. Prague, vol. [illegible] May 1962.

RUSSIA (1923- U. S. S. R.) Verkhovnyi Sovet [illegible] [Supreme Soviet Gazette]. Moscow, vol 22, nos. 10(1103)-19(1105), 20(1107)-23(1109), Apr [illegible] 1962.

RUSSKOE DELO. RUSSIAN CAUSE. Issued by [illegible] stavitel'stvo rossiiskikh emigrantov v Amerike [Russian Immigrants' Representative Association in America]. New York, vol. 4, no. 5(41), May [illegible]

SOVETY DEPUTATOV TRUDIASHCHIKHSIA [SOVIETS OF WORKERS' DEPUTIES] Issued by Izvestia [illegible] paper] "Izvestia." Moscow, no. 4, Apr. 1962

TÜRKMENISTAN KOMMUNISTI [COMMUNIST OF TURKMENISTAN]. Organ of the Central Committee of the Communist Party of Turkmenistan. Ashkhabad [illegible] no. 4, Apr. 1962. [In Turkmen]

UKRAINS'KYI SAMOSTIINYK [UKRAINIAN INDEPENDENT]. Munich, vol. 8, no. 3(449), Mar. 1962

ÜZBEKISTON KOMMUNISTI [COMMUNIST OF UZBEKISTAN]. Issued by the Central Committee of the Communist Party of Uzbekistan. Tashkent, vol. [illegible] Apr. 1962. [In Uzbek]

VISNYK. THE HERALD. Organ of Organizatsiia [illegible] cholyr'okh svobid Ukrainy [Organization for Defense of the Four Freedoms for the Ukraine, Inc.]. [illegible] vol. 16, no. 5(183), May 1962.

VOPROSY ISTORII KPSS [PROBLEMS OF THE HISTORY OF THE COMMUNIST PARTY OF THE SOVIET UNION] Organ of Institut marksizma-leninizma pri TsK KPSS [Institute of Marxism-Leninism, Attached to the Central Committee of the Communist Party of the Soviet Union]. Moscow, vol. 6, no. 2, 1962.

7. LAW

RADIANS'KE PRAVO [SOVIET LAW]. Organ of Ministerstvo iustytsii URSR [Ministry of Justice of the Ukrainian S. S. R.] and others. Kiev, no 2, Mar [illegible] 1962.

RUSSIA (1923- [illegible] voprosam [illegible] Committee [illegible] Moscow, [illegible]

SOTSIALISTICHESKAIA ZAKONNOST' [SOCIALIST LEGALITY]. Organ of Prokuratura SSSR [Attorney General's Office of the U. S. S. R.]. Moscow, vol [illegible] no. 3, Mar. 1962.

SOVETSKAIA IUSTITSIIA [SOVIET JUSTICE]. Issued by Ministerstvo iustitsii and Verkhovnyi Sud RSFSR [Ministry of Justice and the Supreme Court of the R.S.F.S.R.]. Moscow, nos. 5-6, Mar. 1962.

SOVETSKOE GOSUDARSTVO I PRAVO [SOVIET STATE AND LAW]. Organ of Institut gosudarstva i prava Akademii nauk SSSR [Institute of State and Law of the Academy of Sciences of the U.S.S.R.]. Moscow, vol. 32, no. 5, May 1962.

8. EDUCATION

a. GENERAL

AZĔRBAĬCHAN MĔKTĔBI [AZERBAIJANI SCHOOLS]. Organ of the Ministry of Education of the Azerbaijan S.S.R. Baku, no. 3(174), Mar. 1962. [In Azerbaijani]

KAZAKSTAN MEKTEBI [KAZAKHSTAN SCHOOLS]. Organ of the Ministry of Education of the Kazakh S.S.R. Alma-Ata, vol. 37, nos. 2-3, Feb.-Mar. 1962. [In Kazakh]

MAKTABI SOVETĪ [SOVIET SCHOOL]. Issued by Ministerstvo prosveshchenila Tadzhikskoi SSR [Ministry of Education of the Tajik S.S.R.]. Dushanbe, vol. 37, no. 2(370)-3(371), Feb.-Mar. 1962.

NACHAL'NAIA SHKOLA [PRIMARY SCHOOL]. Organ of Ministerstvo prosveshchenila RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, vol. 30, no. 5, May 1962.

NARODNAIA ASVETA [PUBLIC EDUCATION]. Organ of Ministerstvo asvety BSSR [Ministry of Education of the White Russian S.S.R.]. Minsk, no. 3, Mar. 1962.

NARODNOE OBRAZOVANIE [PUBLIC EDUCATION]. Issued by Ministerstvo prosveshchenila RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, no. 4, Apr. 1962.

PADOMJU LATVIJAS SKOLA [THE SCHOOL IN SOVIET LATVIA]. Issued by LPSR Izglitibas ministrija [Ministry of Education of the Latvian S.S.R.]. Riga, no. 4, Apr. 1962. [In Latvian]

RADIANS'KA SHKOLA [SOVIET SCHOOL]. Organ of Ministerstvo osvity Ukrains'koi RSR [Ministry of Education of the Ukrainian S.S.R.]. Kiev, vol. 40, no. 4, Apr. 1962, vol. 41, no. 5, May 1962.

SEM'IA I SHKOLA [FAMILY AND SCHOOL]. Issued by Akademiia pedagogicheskikh nauk RSFSR [Academy of Pedagogical Sciences of the R.S.F.S.R.]. Moscow, vol. 17, no. 4, Apr. 1962.

SHKOLA-INTERNAT [BOARDING SCHOOL]. Issued by Ministerstvo prosveshchenila RSFSR [Ministry of Education of the R.S.F.S.R.] Moscow, no. 2, Mar.-Apr. 1962.

SHKOLA I PROIZVODSTVO [SCHOOL AND PRODUCTION]. Issued by Ministerstvo prosveshchenila RSFSR po voprosam trudovogo vospitanila politekhnicheskogo i proizvodstvennogo obrazovanila [Ministry of Education of the R.S.F.S.R. on Problems in Labor Training Through the System of Polytechnic and Industrial Education]. Moscow, vol. 6, nos. 3-4, Mar.-Apr. 1962.

SOVET MAKTABI [SOVIET SCHOOL]. Organ of Ministerstvo prosveshchenila Uzbekskoi SSR [Ministry of Education of the Uzbek S.S.R.]. Tashkent, nos. 2-4, Feb.-Apr. 1962 [In Uzbek]

SOVETSKAIA PEDAGOGIKA [SOVIET PEDAGOGY]. Organ of Akademiia pedagogicheskikh nauk RSFSR [Academy of Pedagogical Sciences of the R.S.F.S.R.]. Moscow, vol. 26, no. 4, Apr. 1962.

TARYBINE MOKYKLA [SOVIET SCHOOL]. Issued by Lietuvos TSR Svietimo ministerija [Ministry of Education of the Lithuanian S.S.R.]. Vilnius, no. 4, Apr. 1962. [In Lithuanian]

VESTNIK VYSSHEI SHKOLY [REVIEW OF SCHOOLS FOR HIGHER EDUCATION]. Organ of Ministerstvo vysshego i srednego spetsial'nogo obrazovanila SSSR [Ministry of Higher and Secondary Specialized Education of the U.S.S.R.]. Moscow, vol. 20, no. 4, Apr. 1962.

VOZHATYI [PIONEER GUIDE]. Published by TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi and TSentral'nyi sovet Vsesoiuznoi pionerskoi organizatsii imeni V.I.Lenina [Central Committee of the All-Union Communist Youth League of Lenin and the Central Council of the All-Union Lenin Pioneers]. Moscow, vol. 38, no. 4, Apr. 1962.

b. PHYSICAL EDUCATION & GAMES

FIZICHESKAIA KUL'TURA V SHKOLE [PHYSICAL EDUCATION IN SCHOOLS]. Issued by Ministerstvo prosveshchenila RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, nos. 3-4, Mar.-Apr. 1962.

FIZKUL'TURA I SPORT [PHYSICAL EDUCATION AND SPORTS]. Organ of Soiuz sportivnykh tovarystv i organizatsii URSR [Union of Sports Associations and Organizations of the Ukrainian S.S.R.]. Kiev, no. 4(766), Apr. 1962.

FIZKUL'TURA I SPORT [PHYSICAL EDUCATION AND SPORTS]. Organ of TSentral'nyi Sovet Soiuza sportivnykh obshchestv i organizatsii SSSR [Central Council of the Union of Sports Associations and Organizations of the U.S.S.R.]. Moscow, vol. 41, no. 3(765), Mar. 1962.

KEHAKULTUUR [PHYSICAL CULTURE]. Organ of Eesti NSV Spordiuhingute ja -organisatsioonide Liit [Union of Sports Associations and Organizations of the Estonian S.S.R.]. Tallinn, vol. 23, nos. 6(447), 8(449)-9(450), Mar.-May 1962. [In Estonian]

LEGKAIA ATLETIKA [TRACK AND FIELD ATHLETICS]. Organ of TSentral'nyi sovet Soiuza sportivnykh obshchestv i organizatsii SSSR [Central Council of the Association of Sports Societies and Organizations of the U.S.S.R.]. Moscow, nos. 3(82)-4(83), Mar.-Apr. 1962.

SHAKHMATNYI BIULETEN' [CHESS BULLETIN]. Organ of Shakhmatnaia federatsiia SSSR [Chess Federation of the U.S.S.R.]. Moscow, vol. 8, no. 4, Apr. 1962.

SHAKHMATY V SSSR [CHESS IN THE U.S.S.R.]. Organ of Shakhmatnaia federatsiia SSSR [Chess Federation of the U.S.S.R.]. Moscow, vol. 39, no. 4, Apr. 1962.

SPORTIVNAIA ZHIZN' ROSSII [SPORT LIFE IN RUSSIA]. Organ of Vserossiiskii sovet Soiuza sportivnykh obshchestv i organizatsii RSFSR [All-Russian Council of the Association of Sports Societies and Organizations of the R.S.F.S.R.]. Moscow, vol. 6, no. 3, Mar., 1962.

SPORTIVNYE IGRY [ATHLETIC GAMES]. Organ of TSentral'nyi sovet Soiuza sportivnykh obshchestv i organizatsii SSSR [Central Council of the Association of Sports Societies and Organizations of the U.S.S.R.]. Moscow, vol. 8, no. 4(83), Apr. 1962.

TEORIIA I PRAKTIKA FIZICHESKOI KUL'TURY [THEORY AND PRACTICE OF PHYSICAL CULTURE]. Organ of TSentral'nyi sovet Soiuza sportivnykh obshchestv i organizatsii SSSR [Central Council of the Association of Sports Societies and Organizations of the U.S.S.R.]. Moscow, vol. 25, nos. 2-4, Feb.-Apr 1962.

9. MUSIC, THEATER & MOTION PICTURES

a. MOTION PICTURES

ISKUSSTVO KINO [CINEMA ART]. Organ of Ministerstvo kul'tury SSSR and Soiuz rabotnikov kinematografii SSSR [Ministry of Culture of the U.S.S.R. and of the Association of Cinematographic Workers of the U.S.S.R.]. Moscow, nos. 3-4, Mar.-Apr. 1962.

KINOMEKHANIK [MOTION-PICTURE OPERATOR]. Organ of Ministerstvo kul'tury SSSR [Ministry of Culture of the U.S.S.R.]. Moscow, no. 4, Apr. 1962.

SOVETSKII EKRAN [THE SOVIET SCREEN]. Published by Izdatel'stvo [Publishing House] "Iskusstvo." Moscow, no. 7(127)-8(128), Apr. 1962.

b. MUSIC

MUZYKAL'NAIA ZHIZN' [MUSICAL LIFE]. Organ of Soiuz kompozitorov SSSR and Ministerstvo kul'tury SSSR [Association of Composers of the U.S.S.R. and the Ministry of Culture of the U.S.S.R.]. Moscow, vol. 5, no. 6, Mar. 1962.

SOVETSKAIA MUZYKA [SOVIET MUSIC]. Organ of Soiuz kompozitorov SSSR and Ministerstvo kul'tury SSSR [Association of Composers of the U.S.S.R. and the Ministry of Culture of the U.S.S.R.]. Moscow, vol. 26, no. 4, Apr. 1962.

c. THEATER

KHUDOZHESTVENNAIA SAMODEIATEL'NOST' [AMATEUR ART ACTIVITIES]. Issued by Vsesoiuznyi TSentral'nyi Sovet Professional'nykh Soiuzov [All-Union Central Council of Trade Unions]. Moscow, vol. 5, nos. 4-5, Apr.-May 1962.

MOLODEZHNAIA ESTRADA [YOUNG PEOPLE'S STAGE]. Published by "Molodaia gvardiia" ["Young guard"]. Moscow, nos. 3(33)-6(36), 1949.

NA DOPOMOHU KHUDOZHNIH SAMODIIAL'NOSTI, repertuarnyi zbirnyk [A GUIDE FOR ART AMATEURS, Repertorial Collection] Kiev, no 2(38), Mar. 1962

SOVETSKII TSIRK [THE SOVIET CIRCUS]. Issued by Organ Ministerstvo kul'tury SSSR [Ministry of Culture of the U.S.S.R.]. Moscow, vol. 6, no. 3(54), Mar. 1962.

TEATR [THEATER] Organ of Ministerstvo kul'tury SSSR and Soiuz pisatelei SSSR [Ministry of Culture of the U.S.S.R. and Association of Writers of the U.S.S.R.]. Moscow, vol 23, no. 5, May 1962.

TEATRAL'NAIA ZHIZN' [LIFE OF THE THEATER]. Organ of Ministerstvo kul'tury RSFSR, Vserossiiskoe teatral'noe obshchestvo, and Soiuz pisatelei RSFSR [Ministry of Culture of the R.S.F.S.R., All-Russian Theater Society, and the Association of Writers of the R.S.F.S.R.]. Moscow, nos. 9-10, May 1962.

10. FINE ARTS

a. GENERAL

DEKORATIVNOE ISKUSSTVO SSSR [DECORATIVE ART OF THE U.S.S.R.]. Issued by Soiuz khudozhnikov SSSR [Association of Artists of the U.S.S.R.]. Moscow, no. 3(52), Mar. 1962.

ISKUSSTVO [ART]. Organ of Ministerstvo kul'tury SSSR [Ministry of Culture of the U.S.S.R.] and others. Moscow, vol. 25, no. 3, 1962.

KHUDOZHNIK [ARTIST]. Issued by Soiuz khudozhnikov RSFSR [Association of Artists of the R.S.F.S.R.]. Moscow, vol. 5, no. 3, 1962.

LENINGRAD. ERMITAZH. Soobshchenila [HERMITAGE. Reports]. No. 21, 1961.

LENINGRAD. ERMITAZH. Trudy [HERMITAGE. Transactions] Vol. 5, 1961. Kul'tura i isskustvo narodov Vostoka [Culture and Art of the Peoples of the Orient] Vol. 6, 1961. Zapadnoevropeiskoe iskusstvo [Western European Art], no. 2.

MAKSLA [ART]. Issued by Latvijas Padomju makslinieku savienibu [Association of Artists of Soviet Latvia] and others. Riga, no. 1(13), 1962. [In Latvian]

MYSTETSTVO [ART]. Organ of Ministerstvo kul'tury URSR, [Ministry of Culture of the Ukrainian S.S.R.], and others. Kiev, vol. 8, no. 3, May-June 1961; vol. 9, no. 1, Jan.-Feb. 1962.

b. ARCHITECTURE

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovanila. Izvestila vysshikh uchebnykh zavedenii, stroitel'stvo i arkhitektura [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Construction and Architecture]. Moscow, vol. 5, no. 1, 1962.

STROITEL'STVO I ARKHITEKTURA MOSKVY [CONSTRUCTION AND ARCHITECTURE IN MOSCOW]. Issued by Ispolkom Moskovskogo gorodskogo Soveta deputatov trudiashchikhsia [Executive Committee of the Moscow City Soviet of Workers' Deputies]. Moscow, vol. 10, no. 11, Nov. 1961.

11. LANGUAGE, LITERATURE & FOLKLORE

a. LANGUAGE

AKADEMIIA NAVUK BSSR, Minsk. Instytut movaznaustva. Pratsy [ACADEMY OF SCIENCES OF THE WHITE RUSSIAN S.S.R. Institute of Linguistics. Transactions]. Minsk, no. 8, 1961.

KFEL JA KIRJANDUS [LANGUAGE AND LITERATURE]. Issued by Eesti NSV Teaduste Akadeemia and Eesti NSV Kirjanike Liit [Academy of Sciences of the Estonian S.S.R. and the Association of Writers of the Estonian S.S.R.] Tallinn, vol. 5, no. 5, May 1962. [In Estonian]

NOVAIA INOSTRANNAIA LITERATURA PO IAZYKOZNANIIU [NEW FOREIGN LITERATURE IN LINGUISTICS] Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.] Moscow, nos 1-2, 1962

NOVAIA SOVETSKAIA LITERATURA PO IAZYKOZNANIIU [NEW SOVIET LITERATURE IN LINGUISTICS] Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.] Moscow, no 2, 1962

PREPODAVANIE AZERBAIDZHANSKOGO IAZYKA I LITERATURY, metodicheskii sbornik [TEACHING THE AZERBAIJANI LANGUAGE AND LITERATURE, Methodology] Supplement to the Magazine "Azerbaidzhan Mektebi," Baku, no 1, 1962 [In Azerbaijani]

RUSSKII IAZYK V NATSIONAL'NOI SHKOLE [THE RUSSIAN LANGUAGE IN NON-RUSSIAN SCHOOLS] Issued by Akademiia pedagogicheskikh nauk RSFSR [Academy of Pedagogical Sciences of the R.S.F.S.R.] Moscow, no 1, 1962

UKRAINS'KA MOVA V SHKOLI [UKRAINIAN LANGUAGE IN SCHOOLS]. Organ of Ministerstvo osvity URSR [Ministry of Education of the Ukrainian S.S.R.] Kiev, vol 12, no 2, Mar.-Apr. 1962

UZBEK TILI VA ADABIĒTI MASALALARI [PROBLEMS OF UZBEK LANGUAGE AND LITERATURE] Issued by A.S. Pushkin nomidagi til va adabiet instituti of the Uzbekistan SSR fanlar akademiasi [A.S. Pushkin Institute of Language and Literature of the Academy of Sciences of the Uzbek S.S.R.] Tashkent, vol. 5, no. 1, Jan.-Feb. 1962. [In Uzbek]

b LITERATURE & FOLKLORE

AKADEMIIA NAUK SSSR. Izvestiia. *Otdelenie literatury i iazyka* [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin. Department of Literature and Languages]. Moscow, vol. 20, nos. 1-2, 4, Jan.-Apr., July-Aug. 1961, vol. 21, no. 2, Mar.-Apr. 1962.

ALA-TOO; literaturno-khudozhestvennyi i obshchestvenno-politicheskii zhurnal [ALA-TAU, Literary and Socio-political Magazine]. Organ of Soiuz pisatelei Kirgizii and Ministerstvo kul'tury Kirgizskoi SSR [Association of Writers of Kirghizia and the Ministry of Culture of the Kirghiz S.S.R.]. Frunze, vol. 31, no 4, Apr. 1962. [In Kirghiz]

ASHKHABAD, literaturno-khudozhestvennyi i obshchestvenno-politicheskii zhurnal [ASHKHABAD; Literary and Sociopolitical Journal] Organ of Soiuz pisatelei Turkmenistana [Association of Writers of Turkmenistan]. Ashkhabad, vol. 3, no. 2, 1962.

AZĔRBAĬCHAN [AZERBAIJAN]. Organ of Soiuz pisatelei Azerbaidzhana [Association of Writers of Azerbaijan]. Baku, no. 4, Apr. 1962. [In Azerbaijani]

BAIGAL [BAIKAL]. Ulan-Ude, no. 1, Jan.-Feb. 1962. [In Buryat]

BAIKAL. Organ of Soiuz pisatelei and Ministerstvo kul'tury Buriatskoi ASSR [Association of Writers and the Ministry of Culture of the Buryat A.S.S.R.]. Ulan-Ude, vol. 7[i.e.8], Jan.-Feb. 1962.

DAL'NII VOSTOK [FAR EAST]. *Organ of Khabarovskoe otdelenie Soiuza pisatelei RSFSR* [Khabarovsk Branch of the Association of Writers of the R.S.F.S.R.]. Khabarovsk, vol. 29, no. 2, Mar.-Apr. 1962.

DILA [MORNING]. Issued by TSentral'nyi komitet leninskogo kommunisticheskogo soiuza molodezhi Gruzii and Respublikanskii sovet organizatsii iunykh pionerov im. V.I. Lenina [Central Committee of the Lenin Communist Youth League of Georgia and the Republic Council of Lenin Pioneers]. Tiflis, nos. 3-4, Mar.-Apr. 1962. [In Georgian]

DNESTR [DNIESTER]. Organ of Soiuz pisatelei Moldavskoi SSR [Association of Writers of the Moldavian S.S.R.]. Kishinev, vol. 15, no. 4, 1962.

DNIPRO [DNIEPER]. Organ of *TSentral'nyi komitet Leninskoho komunistychnoho soiuzu molodi Ukrainy* [Central Committee of the All-Union Communist Youth League of the Ukraine]. Kiev, vol. 36, nos. 5-6, May-June 1962.

DON Issued by Rostovskoe oblastnoe otdelenie Soiuza *pisatelei RSFSR* [Rostov Province Branch of the Association of Writers of the R.S.F.S.R.]. Rostov-on-Don, vol. 6, nos. 4-5, Apr.-May 1962.

GULISTON [ROSE GARDEN] Issued by Soiuz pisatelei Tadzhikistana [Association of Writers of Tajikistan]. Dushanbe, no 1, Jan.-Mar 1962.

INOSTRANNYE IAZYKI V SHKOLE [FOREIGN LANGUAGES IN SCHOOLS]. Issued by Ministerstvo prosveshchenila RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, no. 4, July-Aug. 1961; no 2, Mar.-Apr. 1962.

IUNOST' [YOUTH]. Issued by Soiuz pisatelei SSSR [Association of Writers of the U.S.S.R.]. Moscow, vol 8, no. 4, Apr. 1962.

KAROGS [THE BANNER]. Issued by Latvijas padomju rakstnieku savieniba [Association of Writers of Latvia]. Riga, no. 5, May 1962. [In Latvian]

LITERATURA V SHKOLI [LITERATURE IN SCHOOLS]. Organ of Ministerstvo prosveshchenila USSR [Ministry of Education of the Ukrainian S.S.R.]. Kiev, vol. 12, no. 3, May-June 1962.

LITERATURNAIA ARMENIIA [LITERARY ARMENIA]. Organ of Soiuz pisatelei Armenii [Association of Writers of Armenia]. Erivan, nos. 2-3, Feb.-Mar. 1962.

LITERATURNAIA GRUZIIA [LITERARY GEORGIA]. Organ of Soiuz pisatelei Gruzii [Association of Writers of Georgia]. Tiflis, vol. 6, nos. 2-3, Feb.-Mar. 1962.

LITERATURNYI AZERBAIDZHAN [LITERARY AZERBAIJAN]. Organ of Soiuz pisatelei Azerbaidzhana [Association of Writers of Azerbaijan], Baku, vol. 20, nos. 2-5, Mar.-May 1962.

LITERATURNYI KIRGIZSTAN [LITERARY KIRGHIZISTAN]. Organ of Soiuz pisatelei Kirgizii [Association of Writers of Kirghizia]. Frunze, vol. 8, no. 2(44), Mar.-Apr. 1962.

LOOMING [CREATIVE WORK]. Issued by Eesti NSV Kirjanike Liit [Association of Writers of the Estonian S.S.R.]. Tallinn, no. 4, Apr. 1962. [In Estonian]

MOSCOW. UNIVERSITET. Vestnik. Seriia 7: Filologiia, zhurnalistika [UNIVERSITY. Review. Series 7: Philology, Journalism]. Vol. 17, nos. 2, 3, Mar.-June 1962.

MOSKVA [MOSCOW]. Organ of Soiuz pisatelei RSFSR and Moskovskoe otdelenie Soiuza pisatelei [Association of Writers of the R.S.F.S.R. and the Moscow Branch of the Association of Writers]. Moscow, vol. 5, no. 9, 1961, vol. 6, no. 1, 1962.

NASH SOVREMENNIK [OUR CONTEMPORARY]. Organ *of Soiuz pisatelei RSFSR* [Association of Writers of the R.S.F.S.R.]. Moscow, vol. 2, 1962.

NEMAN [NEMAN RIVER]. Organ of Soiuz pisatelei *BSSR* [Association of Writers of the White Russian S.S.R.]. Minsk, vol. 11, no. 2, Mar.-Apr. 1962.

NEVA. Organ of Soiuz pisatelei RSFSR and Leningradskoe otdelenie Soiuza pisatelei [Association of *Writers of the R.S.F.S.R.* and the Leningrad Branch *of the Association of Writers*]. Leningrad, nos. 1-3, 1962.

NISTRUL [DNIESTER RIVER]. Organ of the Association of Soviet Writers of *the Moldavian S.S.R.* Kishinev, vol. 31, no. 3, 1962. [In Moldavian]

NOVAIA INOSTRANNAIA LITERATURA PO LITERATUROVEDENIIU [NEW FOREIGN LITERATURE ON THE STUDY OF LITERATURE]. Issued by Fundamental'naia biblioteka *obshchestvennykh* nauk Akademii nauk SSSR [Fundamental Library of Social *Sciences of the* Academy of Sciences of the U.S.S.R.]. Moscow, no. 2, 1962.

NOVAIA SOVETSKAIA LITERATURA PO LITERATUROVEDENIIU [NEW SOVIET LITERATURE ON THE *STUDY OF* LITERATURE]. Issued by Fundamental'naia biblioteka *obshchestvennykh* nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the *Academy of Sciences* of the U.S.S.R.]. Moscow, no. 2, 1962.

NOVYI MIR [THE NEW WORLD]. Organ of Soiuz *pisatelei SSSR* [Association of Writers of the U.S.S.R.]. Moscow, vol. 38, no. 1, Jan. 1962.

NOVYI ZHURNAL. THE NEW REVIEW. New York, vol. 68, 1962.

OKTIABR' [OCTOBER]. Organ of Soiuz pisatelei RSFSR [Association of Writers of the R.S.F.S.R.]. Moscow, vol. 38, nos. 1-4, Jan.-Apr. 1962.

PERGALE [THE VICTORY]. Issued by Lietuvos TSR tarybiniu rasytoju sajunga [Association of Soviet Writers of the Lithuanian S.S.R.]. Vilnius, no. 9, Sept. 1961, no 5, May 1962. [In Lithuanian]

POD"EM [UPSWING]. Issued by Voronezhskoe otd. kn. Soiuza pisatelei RSFSR [Voronezh Branch of the Association of Writers of the R.S.F.S.R.]. Voronezh, no 2, Mar.-Apr. 1962.

POLYMIA [FLAME]. Organ of Soiuz pisatelei BSSR [Association of Writers of the White Russian S.S.R.] Minsk, vol 40, no. 4, Apr. 1962.

PRAPOR, literaturno-khudozhnii ta hromads'ko-politychnyi zhurnal [BANNER, Literary and Sociopolitical Magazine] Issued by spilka pys'mennykiv Ukrainy [Association of Writers of the Ukraine] Kharkov, no. 3, Mar. 1962

PUNALIPPU [THE RED BANNER]. Issued by the Association of Soviet Writers of *the Karelo-Finnish S.S.R.* Petrozavodsk, vol. 18, no. 2, 1962 [In Finnish]

RUSSKAIA LITERATURA [RUSSIAN LITERATURE] Issued by Institut russkoi literatury Akademii nauk SSSR [Institute of Russian Literature of the Academy of Sciences of the U.S.S.R.] Leningrad, vol. 5, *no. 1, 1962*

SHARK IULDUZI [STAR OF THE EAST]. Organ of the Association of Soviet Writers of Uzbekistan. Tashkent, vol. 30, nos. 3-4, Mar.-Apr. 1962. [In Uzbek]

SHARK SURKH [THE RED EAST]. Organ of the Association of Writers of Tajikistan. Dushanbe, no. 3, Mar. 1962. [In Tajik]

SIBIRSKIE OGNI [SIBERIAN LIGHTS]. Organ of Novosibirskoe otdelenie Soiuza pisatelei RSFSR [Novosibirsk Branch of the Association of Writers of the R.S.F.S.R.]. Novosibirsk, vol. 41, nos. 3-4, Mar.-Apr. 1962.

SOVET ĔDĔBIIATY [SOVIET LITERATURE]. Organ of Soiuz pisatelei Tatarii [Association of Writers of *Tataria*]. Kazan, vol. 40, nos. 3, 5, Mar., May, 1962. [In Tatar]

SOVET ĔDEBIIATY [SOVIET LITERATURE]. *Organ of* Soiuz sovetskikh pisatelei TSSR [Association of Writers of the Turkmen S.S.R.]. Ashkhabad, no. 4, Apr. 1962. [In Turkmen]

SOVETAKAN GRAKANUTIUN [SOVIET LITERATURE]. Organ of the Association of Soviet Writers of Armenia Erivan, nos. 3-4, 1962. [In Armenian]

SOVETSKAIA PECHAT' [SOVIET PRESS] Issued by Soiuz zhurnalistov SSSR [Association of Journalists of the U.S.S.R.]. Moscow, nos. 3-4, Feb.-Apr. 1962.

SOVETSKAIA UKRAINA [SOVIET UKRAINE]. Organ of Pravlenie Soiuza pisatelei Ukrainy [Administration of the Association of Writers of the Ukraine]. Kiev, vol. 12, no. 5, May 1962.

SOVREMENNAIA DRAMATURGIIA [CONTEMPORARY DRAMATURGY]. Published by Gosudarstvennoe izdatel'stvo [State Publishing House] "Iskusstvo." Moscow, no. 3(25), 1961; no. 4(26), 1962.

SUCHASNIST'; literatura, mystetstvo, suspil'ne zhyttia [*OUR TIME*; Literature, Art, and Social Problems]. Munich, vol. 2, no. 5(17), May 1962.

SURAN' TOLT; literaturno-khudozhestvennoi dy obshchestvenno-politicheskoi zhurnal [SURA LIGHTS, Literary and Sociopolitical Magazine]. Issued by Mordovskoi ASSR-n' pisatelen' soiuzos' [Association of Writers of the Mordovian A.S.S.R.]. Saransk, nos. 1-2, Jan.-Apr. 1962. [In Mordovian]

URAL. Issued by Sverdlovskoe otdelenie Soiuza pisatelei RSFSR [Sverdlovsk Branch of the Association of Writers of the R.S.F.S.R.]. Sverdlovsk, vol. 5, no. 4, Apr. 1962.

VITCHYZNA [OUR COUNTRY]. Organ of Spilka pys'mennykiv Ukrainy [Association of Writers of the Ukraine]. Kiev, no. 5, May 1962.

VOPROSY LITERATURY [PROBLEMS OF LITERATURE]. Issued by Soiuz pisatelei *SSSR* and *Institut mirovoi* literatury Akademii nauk SSSR [Association of Writers *of the U.S.S.R.* and the Institute of World Literature of the Academy of *Sciences of the U.S.S.R.*]. Moscow, vol. 5, no. 12, Dec. 1961; vol. 6, no. 4, Apr. 1962.

ZHOVTEN' [OCTOBER]. Organ of Spilka pys'mennykiv Ukrainy [Association of Writers of the Ukraine]. Lvov, vol. 12, nos. 3-4, Mar.-Apr. 1962.

ZHŪLDYZ [STAR]. Issued by Soiuz sovetskikh pisatelei Kazakhstana [Association of Soviet Writers of Kazakhstan]. Alma-Ata, nos. 3-4, Mar.-Apr. 1962. [In Kazakh]

ZNAMIA [THE BANNER]. Organ of Soiuz pisatelei SSSR [Association of Writers of the U. S. S. R.]. Moscow, vol. 32, no. 1, Jan. 1962.

ZVEZDA VOSTOKA [STAR OF THE EAST]. Organ of Soiuz pisatelei Uzbekistana [Association of Writers of Uzbekistan]. Tashkent, vol. 30, no. 4, Apr. 1962.

12. GEOGRAPHY & GEOLOGY

a. ETHNOLOGY

AKADEMIIA NAUK SSSR. Muzei antropologii i etnografii. Sbornik [ACADEMY OF SCIENCES OF THE U. S. S. R. Museum of Anthropology and Ethnography. Annals]. Moscow, vol. 20, 1961.

SOVETSKAIA ETNOGRAFIIA [SOVIET ETHNOGRAPHY]. Issued by Institut etnografii Akademii nauk SSSR [Institute of Ethnography of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 2, Mar.-Apr. 1962.

b. GEOGRAPHY

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Izvestiia. Seriia geograficheskaia [ACADEMY OF SCIENCES OF THE KAZAKH S. S. R. Bulletin. Geographical Series]. Alma-Ata, no. 4, 1959.

AKADEMIIA NAUK SSSR. Institut okeanologii. Trudy [ACADEMY OF SCIENCES OF THE U. S. S. R. Institute of Oceanography. Transactions]. Moscow, vol. 36, 1959.

REFERATIVNYI ZHURNAL. OTDEL'NYI VYPUSK 35: KRAEVEDENIE [JOURNAL OF ABSTRACTS. SEPARATE ISSUE 35: REGIONSL STUDIES]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, nos. 1-4, Jan.-Apr. 1962.

REFERATIVNYI ZHURNAL: GEOGRAFIIA [JOURNAL OF ABSTRACTS: GEOGRAPHY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, nos. 4-5, Apr.-May 1962.

SBORNIK STATEI PO KARTOGRAFII [COLLECTED PAPERS ON CARTOGRAPHY]. Issued by Glavnoe upravlenie geodezii i kartografii [Main Administration of Geodesy and Cartography]. Moscow, nos. 12-13, 1961.

VOKRUG SVETA [AROUND THE WORLD]. Issued by TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, no. 4, Apr. 1962.

c. GEOLOGY & PALEONTOLOGY

AKADEMIIA NAUK AZERBAIDZHANSKOI SSR, Baku. Izvestiia. Seriia geologo-geograficheskikh nauk [ACADEMY OF SCIENCES OF THE AZERBAIJAN S. S. R. Bulletin. Series in the Geological and Geographical Sciences]. Baku, no. 6, 1959.

* AKADEMIIA NAUK SSSR. Izvestiia. Seriia geologicheskaia [ACADEMY OF SCIENCES OF THE U. S. S. R. Bulletin. Geological Series]. Moscow, vol. 27, no. 4, Apr. 1962.

AKADEMIIA NAUK SSSR. Institut geologii rudnykh mestorozhdenii, petrografii, mineralogii i geokhimii. Trudy [ACADEMY OF SCIENCES OF THE U. S. S. R. Institute of the Geology of Ore Deposits, Petrology, Mineralogy, and Geochemistry. Transactions]. Moscow, no. 52, 1961.
Contents: Pavlov, N. V. [Magnesioferrite deposits of the Tunguska syneclise area of the Siberian Platform] Magnomagnetitovye mestorozhdeniia raiona Tungusskoi sineklizy Sibirskoi platformy. 223 p. 12 plates.

AKADEMIIA NAUK SSSR. Institut mineralogii, geokhimii i kristallokhimii redkikh elementov. Trudy [ACADEMY OF SCIENCES OF THE U. S. S. R. Institute of the Mineralogy, Geochemistry, and Crystallography of Rare Elements. Transactions]. Moscow, no. 2, 1959.

AKADEMIIA NAUK SSSR. Kazanskii filial. Izvestiia Seriia geologicheskikh nauk [ACADEMY OF SCIENCES OF THE U. S. S. R. Kazan Branch. Bulletin. Series in the Geological Sciences]. Moscow, no 6, 1960

AKADEMIIA NAUK SSSR. Laboratoriia gidrogeologicheskikh problem. Trudy [ACADEMY OF SCIENCES OF THE U. S. S. R. Laboratory for Hydrogeological Problems. Transactions]. Moscow, vol. 33, 1961.
Contents: Garmonov, I. V., and others. [Underground waters in the south of the West Siberian Lowland and the conditions of their formation] Podzemnye vody iuga Zapadno-Sibirskoi nizmennosti i usloviia ikh formirovaniia. 126 p.

AKADEMIIA NAUK SSSR. Laboratoriia vulkanologii. Trudy [ACADEMY OF SCIENCES OF THE U. S. S. R. Laboratory of Volcanology. Transactions] Moscow, no. 21, 1962.

AKADEMIIA NAUK SSSR. Mezhduvedomstvennaia komissiia po izucheniiu geologii i geografii karsta. Informatsionnyi sbornik [ACADEMY OF SCIENCES OF THE U. S. S. R. Interdepartmental Committee for the Study of the Geology and Geography of Karst. Information Bulletin]. Moscow, no. 1, 1960.

*GEOKHIMIIA [GEOCHEMISTRY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, no. 3, 1962.

GEOLOGICHNYI ZHURNAL [GEOLOGICAL JOURNAL]. Issued by Viddil khimichnykh i geologichnykh nauk Akademii nauk URSR and Holovne upravlinnia geologii i okhorony nadr pry Radi Ministriv URSR [Department of Chemical and Geological Sciences of the Academy of Sciences of the Ukrainian S. S. R. and Main Administration of the Geology and Conservation of Mineral Resources, Attached to the Council of Ministers of the Ukrainian S. S. R.]. Kiev, vol. 22, no. 2, 1962.

GEOLOGIIA I GEOFIZIKA [GEOLOGY AND GEOPHYSICS]. Issued by Sibirskoe otdelenie Akademii nauk SSSR [Siberian Branch of the Academy of Sciences of the U. S. S. R.]. Novosibirsk, nos. 1-2, 1962.

LENINGRAD. VSESOIUZNYI GEOLOGICHESKII INSTITUT. Informatsionnyi sbornik [ALL-UNION GEOLOGICAL INSTITUTE. Information Bulletin]. No. 44, 1961.
Contents [Results of the research carried out by the All-Union Geological Institute in 1959] Ezhegodnik po rezul'tatam rabot VSEGEI za 1959 g. 195 p.

LENINGRAD. VSESOIUZNYI GEOLOGICHESKII INSTITUT. Informatsionnyi sbornik [ALL-UNION GEOLOGICAL INSTITUTE. Information Bulletin]. No. 47, 1961.

LENINGRAD. VSESOIUZNYI GEOLOGICHESKII INSTITUT. Trudy [ALL-UNION GEOLOGICAL INSTITUTE. Transactions]. Moscow, vol. 49, 1961.
Contents, Chernysheva, N. E. [Cambrian stratigraphy of the Aladan anticline and the paleontological basis for the isolation of the Amga series] Stratigrafiia kembriia Aldanskoi antiklizy i paleontologicheskoe obosnovanie vydeleniia amginskogo iarusa. 347 p. 30 plates.
Vols. 55, 57, 60, 66, 1961

LENINGRAD. VSESOIUZNYI NEFTIANOI NAUCHNO-ISSLEDOVATEL'SKII GEOLOGORAZVEDOCHNYI INSTITUT. Trudy [ALL-UNION PETROLEUM (SCIENTIFIC RESEARCH) GEOLOGICAL PROSPECTING INSTITUTE. Transactions]. No. 176, 1961
Contents: Kozlov, I. G., and others. [Key wells of the U. S. S. R., Khanty-Mansi key well (Tyumen' Province)] Opornye skvazhiny SSSR; Khanty-Mansiiskaia opornaia skvazhina (Tiumenskaia oblast'). 74 p.

No. 177, 1961.
Contents: [Pollen and spores of Western Siberia; Jurassic and Paleocene] Pyl'tsa i spory Zapadnoi Sibiri, IUra-paleotsen. 657 p.

No. 178, 1961.
Contents, Alferov, B. A., and others. [Key wells of the U. S. S. R.; Uvat key well (Tyumen' Province)] Opornye skvazhiny SSSR; Uvatskaia opornaia skvazhina (Tiumenskaia oblast'). 90 p.

No. 180, 1961.
Contents: Grossgeim, V. A. [History of terrigenous minerals in the Mesozoic and Cenozoic of the Northern Caucasus and Ciscaucasia] Istoriia terrigennykh minerialov v mezozoe i kainozoe Severnogo Kavkaza i Predkavkaz'ia. 375 p.

No. 185, 1961.
Contents: Uspenskii, V. A., and others [Basic processes of the transformation of bitumens in nature and the problems of their classification] Osnovnye puti preobrazovaniia bitumov v prirode i voprosy ikh klassifikatsii. 314 p.

PALEONTOLOGICHESKII ZHURNAL [PALEONTOLOGICAL JOURNAL]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, no. 4, 1961.

REFERATIVNYI ZHURNAL: GEOLOGIIA [JOURNAL OF ABSTRACTS: GEOLOGY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, nos 4-5, Apr.-May 1962

SIBIRSKII NAUCHNO-ISSLEDOVATEL'SKII INSTITUT GEOLOGII, GEOFIZIKI I MINERAL'NOGO SYR'IA. Trudy [SIBERIAN SCIENTIFIC RESEARCH INSTITUTE OF GEOLOGY, GEOPHYSICS, AND MINERAL RESOURCES. Transactions] Leningrad, no. 1, 1959

*SOVETSKAIA GEOLOGIIA [SOVIET GEOLOGY]. Issued by Ministerstvo geologii i okhrany nedr SSSR [Ministry of Geology and the Conservation of Mineral Resources of the U. S. S. R.]. Moscow, vol. 5, nos. 3-4, Mar.-Apr. 1962.

UZBEKSKII GEOLOGICHESKII ZHURNAL [UZBEK GEOLOGICAL JOURNAL]. Issued by Akademiia nauk Uzbekskoi SSR [Academy of Sciences of the Uzbek S. S. R.]. Tashkent, vol. 6, no. 2, 1962

ZAKONOMERNOSTI RAZMESHCHENIIA POLEZNYKH ISKOPAEMYKH [CHARACTERISTICS OF THE DISTRIBUTION OF MINERAL RESOURCES]. Issued by Sovet po izucheniiu zakonomernostei razmeshcheniia poleznykh iskopaemykh Akademii nauk SSSR [Council on the Study of the Characteristics of the Distribution of Mineral Resources of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 2, 1959.

13. SCIENCE

a. GENERAL

AKADEMIIA NAUK ARMIANSKOI SSR, Erivan. Doklady [ACADEMY OF SCIENCES OF THE ARMENIAN S. S. R. Reports]. Erivan, vol. 34, no. 2, 1962.

AKADEMIIA NAUK ARMIANSKOI SSR, Erivan. Izvestiia. Seriia fiziko-matematicheskikh nauk [ACADEMY OF SCIENCES OF THE ARMENIAN S. S. R. Bulletin. Series in Physical and Mathematical Sciences]. Erivan, vol. 15, no. 2, 1962.

*AKADEMIIA NAUK SSSR. Doklady [ACADEMY OF SCIENCES OF THE U. S. S. R. Reports]. Moscow, vol. 143, nos. 5-6, Apr. 1962.

AKADEMIIA NAUK SSSR. Arkhiv. Trudy [ACADEMY OF SCIENCES OF THE U. S. S. R. Archives. Transactions]. Moscow, no. 17, 1962.
Contents: Kopelevich, IU. Kh., and others. [Manuscripts of L. Euler's works in the archives of the Academy of Sciences of the U. S. S. R.] Vol. 1: Scientific description] Rukopisnye materialy L. Eilera v arkhive Akademii nauk SSSR. Vol. 1. Nauchnoe opisanie. 427 p.

AKADEMIIA NAUK TURKMENSKOI SSR, Ashkhabad. Izvestiia. Seriia fiziko-tekhnicheskikh, khimicheskikh i geologicheskikh nauk [ACADEMY OF SCIENCES OF THE TURKMEN S. S. R. Bulletin. Series in the Physical and Technological, Chemical, and Geological Sciences]. Ashkhabad, no. 2, 1962.

AKADEMIIA NAVUK BSSR, Minsk. Doklady [ACADEMY OF SCIENCES OF THE WHITE RUSSIAN S. S. R. Reports]. Minsk, vol. 6, no. 4, Apr. 1962

FAN VA TURMUSH [SCIENCE AND LIFE]. Issued by Akademiia nauk Uzbekskoi SSR [Academy of Sciences of the Uzbek S. S. R.]. Tashkent, nos. 3(61)-4(62), Mar.-Apr. 1962. [In Uzbek]

MOKSLAS IR GYVENIMAS [SCIENCE AND LIFE]. Issued by Lietuvos TSR Politiniu ir moksliniu siniu skleidimo draugija [Society for Dissemination of Political and Scientific Knowledge of the Lithuanian S. S. R.]. Vilnius, no. 4(55)-5(56), Apr.-May 1962. [In Lithuanian]

PRIRODA [NATURE]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 51, no. 4, Apr. 1962.

* PROBLEMY KIBERNETIKI [PROBLEMS OF CYBERNETICS]. Published by Gosudarstvennoe izdatel'stvo fiziko-matematicheskoi literatury [State Publishing House of Physicomathematical Literature]. Moscow, no. 7, 1962.

VILNA. UNIVERSITETAS. Mokslo darbai. Uchenye zapiski Vil'nusskogo gosudarstvennogo universiteta [UNIVERSITY Studies]. Vol. 16, 1957. Matematikos, fizikos ir chemijos mokslu serija.Serlia matematicheskikh, fizicheskikh i khimicheskikh nauk [Series in the Mathematical, Physical, and Chemical Sciences], vol. 7.

VOPROSY ISTORII ESTESTVOZNANIIA I TEKHNIKI [PROBLEMS OF THE HISTORY OF NATURAL SCIENCES OF TECHNOLOGY]. Issued by Institut istorii estestvoznaniia i tekhniki Akademii nauk SSSR [Institute of the History of Natural Sciences and Technology of the Academy of Sciences of the U.S.S.R.] Moscow, no 12, 1962.

ZNANIE - SILA [KNOWLEDGE IS POWER]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po professional'no-tekhnicheskomu obrazovaniiu [State Committee of the Council of Ministers of the U.S.S.R. for Industrial Training]. Moscow, vol. 37, nos. 3-4, Mar.-Apr. 1962.

ZNANNIA TA PRATSIA [KNOWLEDGE AND WORK]. Issued by TSentral'nyi komitet Lenins'koho komunistychnoho soiuza molodi Ukrainy [Central Committee of the Ukrainian Communist Youth League of Lenin] Kiev, no. 4(266), Apr. 1962.

b ASTRONOMY

ASTRONOMICHESKII TSIRKULIAR [ASTRONOMICAL CIRCULAR]. Published by Biuro Astronomicheskikh soobshchenii Akademii nauk SSSR [Bureau of Astronomic Information of the Academy of Sciences of the U.S.S.R.]. Kazan, no. 222, May 1961.

ISSLEDOVANIIA IONOSFERY I METEOROV. Sbornik statei, 5 razdel programmy MGG (ionosfera i meteory). INVESTIGATIONS OF THE IONOSPHERE AND METEORS. [Articles, 5th Section of the IGY Program (Ionosphere and Meteors)]. Issued by Mezhduvedomstvennyi komitet po provedeniiu Mezhdunarodnogo geofizicheskogo goda pri Prezidiume Akademii nauk SSSR [Interdepartmental Committee on the International Geophysical Year, Attached to the Presidium of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 8, 1962.

REFERATIVNYI ZHURNAL: ASTRONOMIIA I GEODEZIIA [JOURNAL OF ABSTRACTS: ASTRONOMY AND GEODESY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no 4, Apr. 1962

ZVAIGZNOTA DEBESS [STARRY SKY]. Issued by Latvijas PSR Zinatnu akademijas Astrofizikas laboratorija [Astrophysical Laboratory of the Academy of Sciences of the Latvian S.S.R.]. Riga, Spring-Summer, 1961. [In Latvian]

c BIOLOGY

AKADEMIIA NAUK ARMIANSKOI SSR, Erivan. Izvestiia. Biologicheskie nauki [ACADEMY OF SCIENCES OF THE ARMENIAN S.S.R. Bulletin. Biological Sciences]. Erivan, vol. 15, no. 3, 1962.

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Izvestiia. Seriia meditsiny i fiziologii [ACADEMY OF SCIENCES OF THE KAZAKH S.S.R. Bulletin. Series in Medicine and Physiology]. Alma-Ata, nos. 1(15)-2(16), 1961.

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Institut mikrobiologii i virusologii. Trudy [ACADEMY OF THE KAZAKH S.S.R. Institute of Micro-[illegible]

AKADEMIIA NAUK SSSR, Sibirskoe otdelenie. TSentral'nyi sibirskii botanicheskii sad. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Siberian Department. Central Siberian Botanical Garden Transactions]. Novosibirsk, no. 4, 1960

ARKHIV ANATOMII, GISTOLOGII I EMBRIOLOGII [ARCHIVES OF ANATOMY, HISTOLOGY, AND EMBRYOLOGY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 40, no. 5, May 1961; vol. 42, no. 1, Jan. 1962.

*ENTOMOLOGICHESKOE OBOZRENIE [ENTOMOLOGICAL REVIEW]. Organ of Vsesoiuznoe entomologicheskoe obshchestvo [All-Union Entomological Society]. Leningrad, vol. 41, no. 1, 1962.

*FIZIOLOGICHESKII ZHURNAL SSSR [PHYSIOLOGICAL JOURNAL OF THE U.S.S.R.]. Issued by Vsesoiuznoe obshchestvo fiziologov, biokhimikov i farmakologov [All-Union Society of Physiologists, Biochemists, and Pharmacologists]. Moscow, vol. 48, no. 3, Mar. 1962.
(DNLM)

IUNYI NATURALIST [YOUNG NATURALIST] Issued by TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi and TSentral'nyi sovet Vsesoiuznoi pionerskoi organizatsii imeni V.I. Lenina [Central Committee of the All-Union Communist Youth League of Lenin and Central Council of the All-Union Lenin Pioneers]. Moscow, nos. 3-4, Mar.-Apr. 1962.

LENINGRAD. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT SEL'SKOKHOZIAISTVENNOI MIKROBIOLOGII. Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF AGRICULTURAL MICROBIOLOGY. Transactions]. Moscow, vol 14, 1958

MIKROBIOLOGICHNYI ZHURNAL [JOURNAL OF MICROBIOLOGY]. Issued by Instytut mikrobiologii Akademii nauk URSR [Institute of Microbiology of the Academy of Sciences of the Ukrainian S.S.R.]. Kiev, vol. 23, nos. 4, 6, 1961.

RADIOBIOLOGIIA [RADIOBIOLOGY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 2, no 2, 1962.

REFERATIVNYI ZHURNAL: BIOLOGIIA [JOURNAL OF ABSTRACTS: BIOLOGY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.] Moscow, nos. 7-10, Apr -May 1962.

REFERATIVNYI ZHURNAL: KHIMIIA; BIOLOGICHESKAIA KHIMIIA [JOURNAL OF ABSTRACTS CHEMISTRY, BIOLOGICAL CHEMISTRY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 7-10, Apr -May 1962.

*TSITOLOGIIA [CYTOLOGY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 4, no. 1, Jan.-Feb. 1962.

UKRAINS'KYI BOTANICHNYI ZHURNAL [UKRAINIAN BOTANICAL JOURNAL]. Issued by Instytut botaniky Akademii nauk URSR [Botanical Institute of the Academy of Sciences of the Ukrainian S.S.R.]. Kiev, vol. 19, no. 1, 1962.

UZBEKSKII BIOLOGICHESKII ZHURNAL [UZBEK BIOLOGICAL JOURNAL]. Issued by Akademiia nauk Uzbekskoi SSR [Academy of Sciences of the Uzbek S.S.R.]. Tashkent, vol. 6, no. 2, 1962.

ZOOLOGICHESKII ZHURNAL [ZOOLOGICAL JOURNAL]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 41, nos. 1-2, 4, Jan.-Feb., Apr. 1962.

d CHEMISTRY

*AKADEMIIA NAUK SSSR. Izvestiia. Otdelenie khimicheskikh nauk [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin. Department of Chemical Sciences]. Moscow, no. 4, Apr. 1962.

AKADEMIIA NAUK TADZHIKSKOI SSR, Dushanbe. Institut khimii. Trudy [ACADEMY OF SCIENCES OF THE TAJIK S.S.R. Institute of Chemistry. Transactions]. Dushanbe, vol. 4, 1961.
Contents: Nikitin, V.I. [Tertiary glycerols of the acetylenic and ethylenic series and their transformations] Tretichnye glitseriny atsetilenovogo i etilenovogo riadov i ikh khimicheskie prevrashcheniia. 257 p.

MOSCOW. UNIVERSITET. Vestnik. Seriia 2: Khimiia [UNIVERSITY. Review. Series 2. Chemistry]. Vol. 17, no. 2, Mar.-Apr. 1962.

RADIOKHIMIIA [RADIOCHEMISTRY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 4, no. 1, 1962.

REFERATIVNYI ZHURNAL; KHIMIIA [JOURNAL OF ABSTRACTS: CHEMISTRY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 7-8, Apr. 1962. Ukazateli za 1960 g [Indexes for 1960], vol. 3; Avtorskii ukazatel' [Author Index] R-N. Ukazateli za 1960 g. [Indexes for 1960], vol. 4; Avtorskii ukazatel' [Author Index] O-Z. Ukazateli za 1960 g. [Indexes for 1960], vol. 5; Patentnyi ukazatel' [Patent Index]

RUSSIA (1923- U.S.S.R) Ministerstvo [illegible] srednogo spetsial'nogo obrazovaniia. [illegible] uchebnykh zavedenii; khimiia i khimicheskaia tekhnologiia [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Chemistry and Chemical Technology] [illegible] vol. 5, no. 1, 1962.

VSESOIUZNOE KHIMICHESKOE OBSHCHESTVO IMENI D.I. MENDELEEVA. Zhurnal [D.I. Mendeleev ALL-UNION CHEMICAL SOCIETY. Journal] Moscow, vol 7, no. 2, 1962.

* VYSOKOMOLEKULIARNYE SOEDINENIIA [MACROMOLECULAR COMPOUNDS]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.] Moscow, vol. 4, no. 2, Feb. 1962.

*ZHURNAL ANALITICHESKOI KHIMII [JOURNAL OF ANALYTICAL CHEMISTRY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.] Moscow, vol 17, no. 2, Mar.-Apr. 1962

*ZHURNAL NEORGANICHESKOI KHIMII [JOURNAL OF INORGANIC CHEMISTRY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.] Moscow, vol. 7, no. 4, Apr. 1962.

*ZHURNAL OBSHCHEI KHIMII [JOURNAL OF GENERAL CHEMISTRY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.] Moscow, vol. 32, no. 4, Apr. 1962.

e MATHEMATICS

ISTORYKO - MATEMATYCHNYI ZBIRNYK [COLLECTION OF PAPERS ON THE HISTORY OF MATHEMATICS] Issued by Instytut matematyky Akademii nauk Ukrains'koi RSR [Institute of Mathematics of the Academy of Sciences of the Ukrainian S.S.R.]. Kiev, vol. 2, 1962

MATEMATICHESKII SBORNIK [MATHEMATICAL REVIEW]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol 2 nos. 2-3, Feb.-Mar. 1962.

*PRIKLADNAIA MATEMATIKA I MEKHANIKA [APPLIED MATHEMATICS AND MECHANICS]. Issued by Institut mekhaniki Otdeleniia tekhnicheskikh nauk Akademii nauk SSSR [Mechanics Institute of the Technical Sciences Department of the Academy of Sciences of the U.S.S.R.]. Moscow, vol. 26, no. 2, Mar.-Apr. 1962.

REFERATIVNYI ZHURNAL: MATEMATIKA [JOURNAL OF ABSTRACTS: MATHEMATICS]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 4-5, Apr Mar 1962

SIBIRSKII MATEMATICHESKII ZHURNAL [SIBERIAN MATHEMATICAL JOURNAL]. Issued by Sibirskoe otdelenie Akademii nauk SSSR [Siberian Branch of the Academy of Sciences of the U.S.S.R.]. Moscow, vol. 3, no. 2, Mar.-Apr. 1962.

VYCHISLITEL'NAIA MATEMATIKA [COMPUTATIONAL MATHEMATICS]. Issued by Vychislitel'nyi tsentr Akademii nauk SSSR [Computation Center of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 7, 1961.

f. PHYSICS

AKADEMIIA NAUK GRUZINSKOI SSR, Tiflis. Institut fiziki. Trudy [ACADEMY OF SCIENCES OF THE GEORGIAN S.S.R. Institute of Physics Transactions] Tiflis, vol. 6, 1958.

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Institut iadernoi fiziki. Trudy [ACADEMY OF SCIENCES OF THE KAZAKH S.S.R. Institute of Nuclear Physics. Transactions]. Alma-Ata, vol 5, 1962

*AKADEMIIA NAUK SSSR. Izvestiia. Seriia fizicheskaia [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin. Physical Series]. Moscow, vol. 26, no. 4, Apr. 1962.

*AKADEMIIA NAUK SSSR. Izvestiia. Seriia geofizicheskaia [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin. Geophysical Series]. Moscow, no. 4, Apr. 1962.

AKADEMIIA NAUK UZBEKSKOI SSR, Tashkent. Izvestiia. Seriia fiziko-matematicheskikh nauk [ACADEMY OF SCIENCES OF THE UZBEK S.S.R. Bulletin. Series in the Physical and Mathematical Sciences]. Tashkent, vol. 6, no. 1, 1962.

*AKUSTICHESKII ZHURNAL [JOURNAL OF ACOUSTICS]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 8, no. 1, 1962.

CHEKHOSLOVATSKII FIZICHESKII ZHURNAL. CZECHOSLOVAK JOURNAL OF PHYSICS. Issued by Chekhoslovatskaia akademiia nauk [Czechoslovak Academy of Sciences]. Prague, vol. 12, no. 4, 1962.

*FIZIKA TVERDOGO TELA [SOLID STATE PHYSICS]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 4, no. 3, Mar. 1962.

*KRISTALLOGRAFIIA [CRYSTALLOGRAPHY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 7, no. 2, Mar.-Apr. 1962.

REFERATIVNYI ZHURNAL: FIZIKA [JOURNAL OF ABSTRACTS: PHYSICS]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.] Moscow, nos. 4-5, Apr.-May 1962.

REFERATIVNYI ZHURNAL: GEOFIZIKA [JOURNAL OF ABSTRACTS GEOPHYSICS]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no 4, Apr. 1962.

REFERATIVNYI ZHURNAL: MEKHANIKA [JOURNAL OF ABSTRACTS: MECHANICS]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 4-5, Apr.-May 1962

RIGA. UNIVERSITATE. Zinatniskie raksti. Uchenye zapiski Latviiskogo gosudarstvennogo universiteta [UNIVERSITY. Studies]. Vol. 20, 1958. Fizikas-matematikas zinatnes. Fiziko-matematicheskie nauki [Physicomathematical Sciences], no. 3.

SREDNEAZIATSKII NAUCHNO-ISSLEDOVATEL'SKII GIDROMETEOROLOGICHESKII INSTITUT. Trudy [CENTRAL ASIA HYDROMETEOROLOGICAL RESEARCH INSTITUTE. Transactions]. Leningrad, no. 6(21), 1961.

*USPEKHI FIZICHESKIKH NAUK [PROGRESS IN THE PHYSICAL SCIENCES]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.] Moscow, vol. 76, no. 3, Mar. 1962

*ZHURNAL EKSPERIMENTAL'NOI I TEORETICHESKOI FIZIKI [JOURNAL OF EXPERIMENTAL AND THEORETICAL PHYSICS]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 42, no. 3, Mar. 1962.

14. MEDICINE

a. GENERAL

AKADEMIIA MEDITSINSKIKH NAUK SSSR, Moscow. Vestnik [ACADEMY OF MEDICAL SCIENCES OF THE U.S.S.R. Journal]. Moscow, vol. 17, no. 3, 1962.

*BIULLETEN' EKSPERIMENTAL'NOI BIOLOGII I MEDITSINY [BULLETIN OF EXPERIMENTAL BIOLOGY AND MEDICINE]. Issued by Akademiia meditsinskikh nauk SSSR [Academy of Medical Sciences of the U.S.S.R.]. Moscow, vol. 53, nos. 3-4, Mar.-Apr. 1962.

KARDIOLOGIIA [CARDIOLOGY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 2, no. 2, Mar.-Apr. 1962. (DNLM)

KLINICHESKAIA MEDITSINA [CLINICAL MEDICINE]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, no. 8, 1961; no. 2, 1962. (DNLM)

MEDITSINSKII REFERATIVNYI ZHURNAL [MEDICAL ABSTRACTS]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, Razdel [Section]1, vol. 6, no. 4, Apr. 1962; Razdel [Section]2, vol. 6, no. 5, May 1962, Razdel [Section]3, vol. 6, nos. 3, 5, Mar., May 1962; Razdel [Section]4, vol. 6, no. 4, Apr. 1962; Razdel [Section]6, vol. 6, no. 5, May 1962, Razdel [Section]7, vol. 6, nos. 3-4, Mar.-Apr. 1962; Razdel [Section]8, vol. 6, no. 4, Apr. 1962, Razdel [Section]9, vol. 6, no. 4, Apr. 1962; Razdel [Section]10, vol. 6, no. 4, Apr. 1962.

MEDITSINSKII ZHURNAL UZBEKISTANA [MEDICAL JOURNAL OF UZBEKISTAN]. Issued by Ministerstvo zdravookhraneniia and Akademiia nauk UzSSR [Ministry of Health of the Uzbek S.S.R. and the Academy of Sciences of the Uzbek S.S.R.]. Tashkent, no. 2, Feb. 1962.

NOUKOGUDE EESTI TERVISHOID [HEALTH SERVICE OF SOVIET ESTONIA]. Organ of Eesti NSV Tervishoiu Ministeerium [Ministry of Health of the Estonian S.S.R.]. Tallinn, vol. 4, no. 6, Nov.-Dec. 1961, vol. 5, no. 1, Jan.-Feb. 1962. [In Estonian]

PROBLEMY TUBERKULEZA [PROBLEMS OF TUBERCULOSIS]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, no. 3, 1962
(DNLM)

REFERATIVNYI ZHURNAL. OTDEL'NYI VYPUSK 36 MEDITSINSKAIA GEOGRAFIIA [JOURNAL OF ABSTRACTS. SEPARATE ISSUE 36. MEDICAL GEOGRAPHY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 4, Apr. 1962.

RUSSIA (1917- R.S.F.S.R.) Ministerstvo zdravookhraneniia. Uchenyi meditsinskii sovet. Biulleten' [Ministry of Health. Learned Medical Council. Bulletin]. Moscow, vol. 3, no. 2, Mar.-Apr. 1962.

SEMIPALATINSK. MEDITSINSKII INSTITUT. Trudy [MEDICAL INSTITUTE. Transactions]. Vol. 2, 1959.
(DNLM)

SOVETSKAIA MEDITSINA [SOVIET MEDICINE]. Organ of Ministerstvo zdravookhraneniia RSFSR [Ministry of Health of the R.S.F.S.R.]. Moscow, vol. 25, no. 1, Jan. 1962.

SOVETSKOE ZDRAVOOKHRANENIE KIRGIZII [SOVIET HEALTH SERVICE OF KIRGHIZIA]. Issued by Ministerstvo zdravookhraneniia Kirgizskoi SSR [Ministry of Health of the Kirghiz S.S.R.]. Frunze, no. 1, Jan.-Feb. 1962.

SUDEBNO-MEDITSINSKAIA EKSPERTIZA [MEDICO-LEGAL EXAMINATION]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 5, no. 1, Jan.-Mar. 1962.

SVEIKATOS APSAUGA [HEALTH SERVICE]. Issued by LTSR Sveikatos apsaugos ministerija [Ministry of Health of the Lithuanian S.S.R.]. Vilnius, vol. 5, no. 10(58), Oct. 1960; vol. 6, no. 9(69), Sept. 1961; vol. 7, nos. 3(75)-4(76), Mar.-Apr. 1962. [In Lithuanian]
(DNLM)

UROLOGIIA [UROLOGY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 26, no. 6, Nov.-Dec., 1961; no. 2, 1962.

VESELIBA [HEALTH]. Issued by Latvijas PSR Veselibas aizsardzibas ministrija [Ministry of Health of the Latvian S.S.R.]. Riga, no. 12(31), Dec. 1960, nos. 3(46)-5(48), Mar.-May 1962. [In Latvian]

VESTNIK RENTGENOLOGII I RADIOLOGII [REVIEW OF ROENTGENOLOGY AND RADIOLOGY]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 37, no. 2, Mar.-Apr. 1962.

*VOPROSY ONKOLOGII [PROBLEMS OF ONCOLOGY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 8, nos. 3-4, 1962.
(DNLM)

VOPROSY PATOLOGII KROVI I KROVOOBRASHCHENIIA [PROBLEMS OF THE PATHOLOGY AND CIRCULATION OF BLOOD]. Issued by Leningradskii pediatricheskii meditsinskii institut [Leningrad Pediatric Medical Institute]. Leningrad, no. 5, 1959.
(DNLM)

ZDOROV'E [HEALTH]. Issued by Ministerstvo zdravookhraneniia SSSR i RSFSR [Ministries of Health of the U.S.S.R. and the R.S.F.S.R.]. Moscow, vol. 8, nos. 2(80)-4(86), Feb.-Apr. 1962.

ZDRAVOOKHRANENIE [HEALTH SERVICE]. Organ of Ministerstvo zdravookhraneniia Moldavskoi SSR [Ministry of Health of the Moldavian S.S.R.]. Kishinev, vol. 5, no. 1, Jan.-Feb. 1962.

ZDRAVOOKHRANENIE KAZAKHSTANA [HEALTH SERVICE OF KAZAKHSTAN]. Issued by Ministerstvo zdravookhraneniia Kazakhskoi SSR [Ministry of Health of the Kazakh S.S.R.]. Alma-Ata, vol. 22, no. 3, 1962.
(DNLM)

ZDRAVOOKHRANENIE ROSSIISKOI FEDERATSII [HEALTH SERVICE OF THE RUSSIAN FEDERATION]. Issued by Ministerstvo zdravookhraneniia RSFSR [Ministry of Health of the R.S.F.S.R.]. Moscow, vol. 6, nos. 3-4, Mar.-Apr. 1962.

ZDRAVOOKHRANENIE TADZHIKISTANA [HEALTH SERVICE OF TAJIKISTAN]. Issued by Ministerstvo zdravookhraneniia Tadzhikskoi SSR [Ministry of Health of the Tajik S.S.R.]. Stalinabad, vol. 9, no. 1, Jan.-Feb. 1962.

ZDRAVOOKHRANENIE TURKMENISTANA [HEALTH SERVICE OF TURKMENISTAN]. Organ of Ministerstvo zdravookhraneniia TSSR [Ministry of Health of the Turkmen S.S.R.]. Ashkhabad, vol. 6, no. 1(31), Jan.-Feb. 1962.

*ZHURNAL MIKROBIOLOGII, EPIDEMIOLOGII I IMMUNOBIOLOGII [JOURNAL OF MICROBIOLOGY, EPIDEMIOLOGY, AND IMMUNOBIOLOGY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 33, no. 3, Mar. 1962.

b. GYNECOLOGY, OBSTETRICS & PEDIATRICS

GORKIY. GOR'KOVSKII GOSUDARSTVENNYI MEDITSINSKII INSTITUT. Kafedra akusherstva i ginekologii Sbornik nauchnykh rabot [GORKIY STATE MEDICAL INSTITUTE. Department of Obstetrics and Gynecology. Papers]. Nos. 1-2, 1960.
(DNLM)

OFTALMOLOGICHESKII ZHURNAL [OPHTHALMOLOGICAL JOURNAL]. Issued by Ministerstvo zdravookhraneniia USSR [Ministry of Health of the Ukrainian S.S.R.]. Kiev, vol. 16, no. 6, 1961; no. 2, 1962.

PEDIATRIIA [PEDIATRICS]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, no. 4, 1962.
(DNLM)

PEDIATRIIA, AKUSHERSTVO I GINEKOLOGIIA [PEDIATRICS, OBSTETRICS, AND GYNECOLOGY]. Organ of Ministerstvo okhorony zdorov'ia URSR [Ministry of Health of the Ukrainian S.S.R.]. Kiev, vol. 23, nos. 3, 6, 1961.

c. NEUROLOGY & PSYCHIATRY

*AKADEMIIA NAUK SSSR. Institut vysshei nervnoi deiatel'nosti. Trudy. Seriia patofiziologicheskaia [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of the Higher Nervous Function Transactions Pathophysiological Series]. Moscow, no. 9, 1961
(DNLM)

ZHURNAL NEVROPATOLOGII I PSIKHIATRII [JOURNAL OF NEUROPATHOLOGY AND PSYCHIATRY]. Issued by Vsesoiuznoe obshchestvo novropatologov i psikhiatrov [All-Union Society of Neuropathologists and Psychiatrists]. Moscow, vol. 62, no. 1, 1962.

d. OPHTHALMOLOGY & OTORHINOLARYNGOLOGY

VESTNIK OFTALMOLOGII [REVIEW OF OPHTHALMOLOGY]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, no. 2, 1962.
(DNLM)

e. PATHOLOGY & THERAPEUTICS

ARKHIV PATOLOGII [ARCHIVES OF PATHOLOGY]. Published by Akademiia meditsinskikh nauk SSSR [Academy of Medical Sciences of the U.S.S.R.]. Moscow, nos. 7-8, 1961; no. 4, 1962.
(DNLM)

PATOLOGICHESKAIA FIZIOLOGIIA I EKSPERIMENTAL'NAIA TERAPIIA [PATHOLOGICAL PHYSIOLOGY AND EXPERIMENTAL THERAPY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 5, no. 6, Nov.-Dec. 1961.

*PROBLEMY GEMATOLOGII I PERELIVANIIA KROVI [PROBLEMS OF HEMATOLOGY AND BLOOD TRANSFUSION]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, no. 4, 1962.
(DNLM)

f PHARMACY & MATERIA MEDICA

*ANTIBIOTIKI [ANTIBIOTICS]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol 7, no. 5, May, 1962.

APTECHNOE DELO [PHARMACY]. Organ of Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 11, no. 1, Jan.-Feb 196-

* FARMAKOLOGIIA I TOKSIKOLOGIIA [PHARMACOLOGY AND TOXICOLOGY]. Issued by Akademiia meditsinskikh nauk SSSR [Academy of Medical Sciences of the U.S.S.R.]. Moscow, vol. 25, no 1, Jan.-Feb, 1962.

VOPROSY MEDITSINSKOI KHIMII [PROBLEMS OF MEDICAL CHEMISTRY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.] Moscow, vol 8, no 2, Mar -Apr 1962

g PUBLIC HEALTH & NURSING

FEL'DSHER I AKUSHERKA [FELDSHER AND MIDWIFE]. Issued by Ministerstvo zdravookhraneniia SSSR and Ministerstvo zdravookhraneniia RSFSR [Ministry of Health of the U.S.S.R. and Ministry of Health of the R.S.F.S.R.] Moscow, vol 27, no. 3, Mar, 1962.

GIGIENA I SANITARIIA [HYGIENE AND SANITATION]. Issued by Ministerstvo zdravookhraneniia SSSR [*Ministry of Health of the U.S.S.R.*]. Moscow, vol. 26, nos. 5, 8, May, Aug. 1961, vol. 27, no. 3, Mar. 1962

GIGIENA TRUDA I PROFESSIONAL'NYE ZABOLEVANIIA [LABOR HYGIENE AND OCCUPATIONAL DISEASES]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol 4, nos. 3-4, 6, Mar.-Apr., June 1960, vol. 6, nos. 3-4, Mar.-Apr. 1962.
(DNLM)

MEDITSINSKAIA SESTRA [MEDICAL NURSE]. Issued by Ministerstvo zdravookhraneniia RSFSR [Ministry of Health of the R.S.F.S.R.] Moscow, vol. 21, no. 4, Apr. 1962.

h SURGERY & DENTISTRY

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Institut klinicheskoi i eksperimental'noi khirurgii. Trudy [ACADEMY OF SCIENCES OF THE KAZAKH S.S.R. Institute of Clinical and Experimental Surgery. Transactions] Alma-Ata, vol 7, 1961
(DNLM)

GRUDNAIA KHIRURGIIA [THORACIC SURGERY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.] Moscow, no. 2, 1962.
(DNLM)

KHIRURGIIA [SURGERY]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 37, no. 7, July 1961.
(DNLM)

NOVYI KHIRURGICHESKII ARKHIV [NEW SURGICAL ARCHIVES]. Issued by Ministerstvo okhrony zdorov'ia URSR [Ministry of Health of the Ukrainian S.S.R.]. Kiev, no. 3, 1962.
(DNLM)

VESTNIK KHIRURGII [*REVIEW OF SURGERY*]. Issued by Khirurgicheskoe obshchestvo Pirogova [Pirogov Surgical Society]. *Leningrad, no 4, 1962.*
DNLM

i VENEREOLOGY & DERMATOLOGY

VESTNIK DERMATOLOGII I VENEROLOGII [REVIEW OF DERMATOLOGY AND VENEREOLOGY]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. *Moscow, no. 6, 1961; no. 4, 1962.*
DNLM

15. AGRICULTURE

a GENERAL

AGRIKULTURA SHI VITERITUL MOLDOVEI [AGRICULTURE AND ANIMAL HUSBANDRY OF MOLDAVIA]. Kishinev, vol 7, nos. 3-4, Mar.-Apr. 1962 [In Moldavian]
(DA)

AGROBIOLOGIIA [AGROBIOLOGY]. Issued by Vsesoiuznaia akademiia sel'skokhoziaistvennykh nauk imeni V.I. Lenina [All-Union Lenin Academy of Agricultural Sciences]. Moscow, no. 2(134), Mar.-Apr. 1962.

DRUVA [FIELD]. Issued by Latvijas PSR Lauksaimniecības ministrija [Ministry of Agriculture of the Latvian S.S.R.] and others. Riga, nos. 17(172)-18(173), 23(178), Sept., Dec. 1960. [In Latvian]

EKONOMIKA SEL'SKOGO KHOZIAISTVA [ECONOMICS OF AGRICULTURE]. *Issued by Ministerstvo sel'skogo* khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 33, no. 2, Feb. 1962.

GIDROTEKHNIKA I MELIORATSIIA [HYDRAULIC ENGINEERING AND RECLAMATION]. Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 14, no 3, Mar. 1962.

KOLHOSPNYK UKRAINY [COLLECTIVE FARMER OF THE UKRAINE]. Issued by Ministerstvo sil's'koho hospodarstva URSR [Ministry of Agriculture of the Ukrainian S.S.R.]. Kiev, vol. 9, no. 4, Apr. 1962.

KOLKHOZNOE PROIZVODSTVO [COLLECTIVE FARM PRODUCTION]. Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 22, no. 4, Apr. 1962.

KRESTIANKA [THE PEASANT WOMAN]. Published by Izd-vo [Publishing House] "Pravda." Moscow, vol. 40, nos. 4-5, Apr.-May 1962.

MATERIALY PO SEL'SKOKHOZIAISTVENNOMU RAIONIROVANIIU IRKUTSKOI OBLASTI [MATERIALS ON THE AGRICULTURAL ZONING OF IRKUTSK PROVINCE]. Issued by Vostochno-Sibirskii filial Akademii nauk SSSR [East Siberian Branch of the Academy of Sciences of the U.S.S.R.]. Chita, no. 3, 1960.
Contents: Komarevskaia, V.P. [Agricultural development and specialization in the Angara and Ilim subzones of Irkutsk Province. No. 3: Materials on the agricultural zoning of Irkutsk Province] *Razvitie i spetsializatsiia sel'skogo khoziaistva Angaro-Ilimskoi podzony Irkutskoi oblasti. No. 3: Materialy po sel'skokhoziaistvennomu raionirovaniiu Irkutskoi oblasti.* 164 p.
(DA)

OMSK. SEL'SKOKHOZIAISTVENNYI INSTITUT. Trudy [AGRICULTURAL INSTITUTE. Transactions]. Vol. 28, 1959.
Contents. Fediushin, A.V. [Helminths and helminthiases of gallinaceans in Western Siberia and the Southern Urals] Gel'minty i gel'mintozy promyslovykh kurinykh ptits Zapadnoi Sibiri i IUzhnogo Urala. 175 p.

* POCHVOVEDENIE [SOIL SCIENCE]. Issued by Akademiia nauk SSSR (Academy of Sciences of the U.S.S.R.]. Moscow, no. 4, Apr. 1962.

SEL'SKAIA HASPADARKA BELARUSI [AGRICULTURE OF WHITE RUSSIA]. Issued by Ministerstvo sel'skai haspadarki Belaruskai SSR [Ministry of Agriculture of the White Russian S.S.R.]. Minsk, vol. 10, nos. 3(111)-4(112), Mar.-Apr. 1962.

SEL'SKOE KHOZIAISTVO BELORUSSII [AGRICULTURE OF WHITE RUSSIA]. Issued by Ministerstvo sel'skogo khoziaistva Belorusskoi SSR [Ministry of Agriculture of the White Russian S.S.R.]. Minsk, vol. 10, no. 3(111), Mar. 1962.

SEL'SKOE KHOZIAISTVO KAZAKHSTANA [AGRICULTURE OF KAZAKHSTAN]. Issued by TSentral'nyi Komitet Kommunisticheskoi partii Kazakhstana [*Central Committee of the Communist Party of Kazakhstan*]. Alma-Ata, vol. 10, nos. 3-4, Mar.-Apr. 1962.

SEL'SKOE KHOZIAISTVO KIRGIZII [AGRICULTURE OF *KIRGHIZIA*]. Issued by Ministerstvo sel'skogo khoziaistva Kirgizskoi SSR [Ministry of Agriculture of the *Kirghiz S.S.R.*]. Frunze, vol. 8, nos. 3-4, Mar.-Apr. 1962.

SEL'SKOE KHOZIAISTVO PODMOSKOV'IA [AGRICULTURE OF THE MOSCOW REGION]. Organ of Oblastnoe upravlenie sel'skogo khoziaistva [Province Administration of Agriculture]. Moscow, vol. 11, no. 4, Apr. 1962.

SEL'SKOE KHOZIAISTVO POVOLZH'IA [AGRICULTURE OF THE VOLGA VALLEY]. Organ of Ministerstvo sel'skogo khoziaistva RSFSR [Ministry of Agriculture of the R.S.F.S.R.]. Saratov, vol. 8, nos. 3-4, Mar.-Apr. 1962.

SEL'SKOE KHOZIAISTVO SEVERNOGO KAVKAZA [AGRICULTURE OF THE NORTHERN CAUCASUS]. Organ of Ministerstvo sel'skogo *khoziaistva RSFSR* [Ministry of Agriculture of the R.S.F.S.R.]. Krasnodar, vol. 5, nos. 3-4, Mar.-Apr. 1962.

SEL'SKOE KHOZIAISTVO SEVERO-ZAPAD[illegible] [AGRICULTURE OF THE NORTH-WEST[illegible]] Issued by Ministerstvo sel'skogo [illegible] [Ministry of Agriculture of the R.S.F.S.R.] Leningrad, vol. 4, no. 1, Apr. 1962.

SEL'SKOE KHOZIAISTVO SIBIRI [AGRICULTURE OF SIBERIA]. Organ of Ministerstvo sel'skogo khoziaistva RSFSR [Ministry of Agriculture of the R.S.F.S.R.] Omsk, vol. 7, nos 4-5, Apr.-May 1962

SEL'SKOE KHOZIAISTVO TADZHIKISTANA [AGRICULTURE OF TAJIKISTAN]. Organ of Ministerstvo sel'skogo khoziaistva Tadzhikskoi SSR [Ministry of Agriculture of the Tajik S.S.R.]. Dushanbe, nos. 4-5, Apr.-May. 1962

SEL'SKOE KHOZIAISTVO TURKMENISTANA [AGRICULTURE OF TURKMENISTAN]. Issued by Ministerstvo sel'skogo khoziaistva Turkmenskoi SSR [Ministry of Agriculture of the Turkmen S.S.R.] Ashkhabad, vol. 6, no. 2, Mar.-Apr. 1962

SEL'SKOE KHOZIAISTVO UZBEKISTANA [AGRICULTURE OF UZBEKISTAN]. Issued by Ministerstvo sel'skogo khoziaistva Uzbekskoi SSR [Ministry of Agriculture of the Uzbek S.S.R.]. Tashkent, nos. 3-4, Mar.-Apr. 1962.

SOCIALISTINIS ŽEMĖS ŪKIS [SOCIALIST AGRICULTURE]. Issued by Lietuvos TSR Žemės ūkio ministerija [Ministry of Agriculture of the Lithuanian S.S.R.]. Vilnius, no. 5, May 1962. [In Lith.]

SOTSIALISTICHESKOE SEL'SKOE KHOZIAISTVO BAKU I DAĞLYK DAĞESTANA [SOCIALIST AGRICULTURE OF BAKU AND DAGHESTAN]. Issued by Ministerstvo sel'skogo khoziaistva Azerbaidzhanskoi SSR [Ministry of Agriculture of the Azerbaijan S.S.R.]. Baku, vol. 11, nos. 3-4, Mar.-Apr., 1962

SOTSIALISTLIK POLLUMAJANDUS [SOCIALIST AGRICULTURE]. Issued by Eesti NSV Põllumajandusministeerium [Ministry of Agriculture of the Estonian S.S.R.]. Tallinn, vol. 17, nos. 3-4, Apr. [illegible] [In Estonian]

SOVKHOZNOE PROIZVODSTVO [STATE FARM PRODUCTION]. Organ of Ministerstvo sovkhozov sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, no. 4, Apr. 1962.

TEKHNIKA V SEL'SKOM KHOZIAISTVE [TECHNOLOGY IN AGRICULTURE]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 23, no. 4, Apr. 1962

VESTNIK SEL'SKOKHOZIAISTVENNOI NAUKI [REVIEW OF AGRICULTURAL SCIENCE]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.] Moscow, vol. 7, no. 3, Mar. 1962.

VISNYK SIL'S'KOHOSPODARS'KOI NAUKY [REVIEW OF AGRICULTURAL SCIENCE]. Issued by Ukrains'ka akademiia sil's'kohospodars'kykh nauk [Ukrainian Academy of Agricultural Sciences]. Kiev, no. 3, Mar. 1962.

ZA SOTSIALISTICHESKUIU SEL'SKOKHOZIAISTVENNUIU NAUKU [FOR SOCIALIST AGRICULTURAL SCIENCE]. Issued by Chekhoslovatskaia akademiia sel'skokhoziaistvennykh nauk [Czechoslovak Academy of Agricultural Sciences]. Prague, vol. 10, no. 6 1961, vol. 11, no. 1, 1962.

ZEMLEDELIE I ZHIVOTNOVODSTVO MOLDAVII [AGRICULTURE AND ANIMAL HUSBANDRY IN MOLDAVIA]. Issued by Ministerstvo sel'skogo khoziaistva Moldavskoi SSR [Ministry of Agriculture of the Moldavian S.S.R.]. Kishinev, vol. [illegible] 1962.

b ANIMAL INDUSTRY

ALMA-ATA. ZOOVETERINARNYI INSTITUT [ZOOTECHNICAL AND VETERINARY INSTITUTE]. Transactions]. Vol. 9, 1956

LATVIJAS PADOMJU SOCIALISTISKAS REPUBLIKAS ZINATNU AKADEMIJA. Zootechnikas un veterinarijas institūts. Raksti. Sbornik trudov Instituta [illegible] i zoogigiony [ACADEMY OF SCIENCES OF THE LATVIAN S.S.R. Institute of Animal Husbandry and Veterinary Hygiene. Transactions]. Riga, [illegible] 1956.
(DA)

MOLOCHNAIA PROMYSHLENNOST' [DAIRY INDUSTRY]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva pishchevoi promyshlennosti [Scientific

mittee of the Council of Ministers of the U. S. S. R. on the Coordination of Research and the Central Administration of the Scientific Technological Society of the Food Industry]. Moscow, vol. 23, no. 4, Apr. 1962.

MOLOCHNOE I MIASNOE SKOTOVODSTVO [DAIRY AND BEEF CATTLE BREEDING]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U. S. S. R.]. Moscow, vol. 5, nos. 5, 11-12, May, Nov.-Dec. 1960, vol. 6, nos. 1-3, Jan.-Mar. 1961.
(DA)

OKHOTA I OKHOTNICH'E KHOZIAISTVO [HUNTING AND GAME MANAGEMENT]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U. S. S. R.]. Moscow, vol. 8, no 4, Apr 1962.

PCHELOVODSTVO [APICULTURE]. Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U S. S. R.]. Moscow, vol 39, no. 4, Apr 1962.
(DA)

SEL'SO, VSESOIUZNAIA KARTOTEKA OBMENA OPYTOM V SOTSIALISTICHESKOM SEL'SKOM KHOZIAISTVE. Seriia Kolkhoznoe zhivotnovodstvo [SEL'SO; ALL-UNION PAMPHLET COLLECTION FOR THE EXCHANGE OF EXPERIENCE IN SOCIALIST AGRICULTURE. Series on Collective-Farm Animal Husbandry]. Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U. S S R.] Moscow, vol. 20, nos. 81/82, 97/112, June-July 1961
(DA)
[PHOTOCOPY]

SOTSIALISTYCHNE TVARYNNYTSTVO [SOCIALIST ANIMAL HUSBANDRY]. Organ of Ministerstvo sil's'koho hospodarstva URSR [Ministry of Agriculture of the Ukrainian S. S. R.]. Kiev, vol. 33, nos. 11-12, Nov.-Dec. 1961; vol. 34, nos. 3-4, Mar.-Apr. 1962.
(DA)

SVINOVODSTVO [SWINE BREEDING]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U. S. S. R.]. Moscow, vol. 10, no. 5, May 1962.
(DA)

VETERINARIIA [VETERINARY MEDICINE]. Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U. S. S. R.]. Moscow, vol. 37, nos. 8, 10, 12, Aug., Oct., Dec. 1960. Vol. 38, no. 1, Jan. 1961.
DA

c. FORESTRY

AKADEMIIA NAUK SSSR. Sibirskoe otdelenie. Institut lesa i drevesiny. Trudy [ACADEMY OF SCIENCES OF THE U. S. S. R. Siberian Department. Institute of Forest and Wood. Transactions]. Krasnoyarsk, vol. 50, 1961.

KHIMKI. TSENTRAL'NYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT MEKHANIZATSII I ENERGETIKI LESNOI PROMYSHLENNOSTI. Trudy [CENTRAL SCIENTIFIC RESEARCH INSTITUTE OF MECHANIZATION AND USE OF POWER IN LUMBERING. Transactions]. No. 27, 1961.

LES I STEP' [FOREST AND STEPPE]. Organ of Glavnoe upravlenie polezashchitnogo lesorazvedenila pri Sovete Ministrov SSSR [Main Administration of Shelterbelt Afforestation, Attached to the Council of Ministers of the U. S. S. R.]. Moscow, vol. 1, no. 1, 1949.

LESNOE KHOZIAISTVO [FORESTRY]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U. S. S. R.]. Moscow, vol. 15, no. 4, Apr. 1962.

MASTER LESA [MASTER LUMBERMAN]. Issued by TsK Profsoiuza rabochikh lesnoi, bumazhnoi i derevoobrabatyvaiushchei promyshlennosti [Central Committee of the Trade Union of Workers of the Forest, Paper, and Woodworking Industries]. Moscow, vol. 6, no. 3, Mar. 1962.

MUSU GIRIOS [OUR FORESTS]. Issued by Lietuvos TSR Miskų ukio ir miskc pramones min'sterija and Gamtos apsaugos komitetas prie Lietuvos TSR Ministru Tarybos [Ministry of Forestry and Lumbering of the Lithuanian S. S. R. and the Committee on Conservation Attached to the Council of Ministers of the Lithuanian S. S. R.]. Vilnius, no. 4(165), Apr. 1962. [In Lithuanian]

RUSSIA (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; lesnoi zhurnal [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Forestry Journal]. Moscow, vol. 4, no. 6, 1961.

VORONEZH. LESOTEKHNICHESKII INSTITUT. Nauchnye zapiski [FORESTRY AND LUMBERING INSTITUTE. Studies]. Vol. 21, 1960.

d PLANT CULTURE

AKADEMIIA NAUK TADZHIKSKOI SSR, Stalinabad. Institut sadovodstva. Trudy [ACADEMY OF SCIENCES OF THE TAJIK S S R. Institute of Horticulture. Transactions]. Stalinabad, vol 2, 1960.
(DA)

DAILDARZNIECIBA [ORNAMENTAL-PLANT GROWING]. Issued by Latvijas PSR Zinatnu akademijas Botaniskais dar.z [Botanical Garden of the Academy of Sciences of the Latvian S. S. R.]. Riga, vol. 3, 1961. [In Latvian]
(DA)

KUKURUZA [CORN]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U. S. S. R.]. Moscow, vol. 5, no. 11, Nov. 1960; vol. 6, nos. 1-4, Jan.-Apr. 1961.
(DA)

SAKHARNAIA SVEKLA [SUGAR BEETS]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U. S. S. R.]. Moscow, vol. 7, no. 4, Apr. 1962.
(DA)

SELEKTSIIA I SEMENOVODSTVO [PLANT BREEDING AND SEED PRODUCTION]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U. S. S. R.]. Moscow, vol. 27, no. 2, Mar.-Apr. 1962.

VINODELIE I VINOGRADARSTVO SSSR [VITICULTURE AND WINE MAKING IN THE U. S. S. R.]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva pishchevoi promyshlennosti [State Committee of the Council of Ministers of the U. S. S. R. on the Coordination of Research and the Central Administration of the Scientific Technological Society of the Food Industry]. Moscow, vol. 22, no. 3(210), 1962.

YALTA. GOSUDARSTVENNYI NIKITSKII BOTANICHESKII SAD. Trudy [NIKITA STATE BOTANICAL GARDEN. Transactions]. Vol. 32, 1960.

ZEMLEDELIE [AGRICULTURE]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U. S. S. R.]. Moscow, vol. 24, no. 4, Apr. 1962.

16. TECHNOLOGY

a. GENERAL

*BIULLETEN' IZOBRETENII [BULLETIN ON INVENTIONS]. Issued by Komitet po delam izobretenii i otkrytii pri Sovete Ministrov SSSR [Committee on Inventions and Discoveries, Attached to the Council of Ministers of the U. S. S. R.]. Moscow, vol. 39, nos. 4-7, Feb.-Apr. 1962.

INZHENERNO-FIZICHESKII ZHURNAL [JOURNAL OF ENGINEERING PHYSICS]. Issued by Akademiia nauk BSSR [Academy of Sciences of the White Russian S. S. R.]. Minsk, vol. 5, no. 4, Apr. 1962.

IUNYI TEKHNIK [YOUNG TECHNICIAN]. Issued by TsK VLKSM and TSentral'nyi Sovet pionerskoi organizatsii imeni V. I. Lenina [Central Committee of the All-Union Communist Youth League of Lenin and the Central Council of the Lenin Pioneers]. Moscow, vol. 6, no. 3, Mar. 1962.

*IZMERITEL'NAIA TEKHNIKA [MEASUREMENT TECHNIQUES]. Issued by Komitet standartov, mer i izmeritel'nykh priborov pri Sovete Ministrov SSSR [Committee of Standards, Measures, and Measuring Instruments, Attached to the Council of Ministers of the U. S. S. R.]. Moscow, no. 4, Apr. 1962.

IZOBRETATEL' I RATSIONALIZATOR [INVENTOR AND EFFICIENCY PROMOTER]. Issued by Vsesoiuznoe obshchestvo izobretatelei i ratsionalizatorov [All-Union Society of Inventors and Efficiency Promoters]. Moscow, no. 4, Apr. 1962.

LENINGRAD. TEKHNOLOGICHESKII INSTITUT. Trudy [TECHNOLOGICAL INSTITUTE. Transactions]. No. 48, 1958.

MOKSLAS IR TECHNIKA [SCIENCE AND TECHNOLOGY]. Issued by Lietuvos TSR Ministru Tarybos Valstybinis mokslinio tyrimo darbu koordinavimo komitetas [State Committee of the Council of Ministers of the Lithuanian S. S. R. on the Coordination of Research] and others. Kaunas, no. 4, Apr. 1962. [In Lithuanian]

MOSCOW. FIZIKO-TEKHNICHESKII INSTITUT. Trudy [INSTITUTE OF TECHNICAL PHYSICS Transactions] No. 7, 1961.

MOSCOW. MOSKOVSKOE VYSSHEE TEKHNICHESKOE UCHILISHCHE. (Trudy) [MOSCOW TECHNICAL COLLEGE. (Transactions)]. No 105, 1961. A. N. Malov, ed Vysokoproizvoditel'nye protsessy i avtomaticheskaia osnastka v priborostroenii [High-Production Processes and Automatic Equipment in Instrument Manufacture]

NAUKA I TEKHNIKA [SCIENCE AND TECHNOLOGY]. Issued by Nauchno-tekhnicheskii komitet Soveta Ministrov Latviiskoi SSR [Scientific and Technical Committee of the Council of Ministers of the Latvian S. S. R.] and others. Riga, no. 3(20)-4(21), Mar.-Apr 1962.

NOVOCHERKASSK POLITEKHNICHESKII INSTITUT. Trudy [POLYTECHNIC INSTITUTE Transactions]. Erivan, vols. 115, 130, 1962.

OBZOR POL'SKOI TEKHNICHESKOI LITERATURY. POLISH TECHNICAL ABSTRACTS. Issued by Centralny Instytut informacji naukowo-technicznej i ekonomicznej [Central Institute of Scientific, Technical, and Economic Information]. Warsaw, no. 1(45), 1962.

PMTF, zhurnal prikladnoi mekhaniki i tekhnicheskoi fiziki [PMTF, Journal of Applied Mechanics and Technical Physics]. Issued by Sibirskoe otdelenie Akademii nauk SSSR [Siberian Department of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 1, Jan.-Feb. 1962.

PROFESSIONAL'NO-TEKHNICHESKOE OBRAZOVANIE [VOCATIONAL TECHNICAL EDUCATION]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po professional'no-tekhnicheskomu obrazovaniiu [State Committee of the Council of Ministers of the U. S. S. R. for Vocational Technical Education]. Moscow, vol. 19, nos. 3(202)-4(203), Mar.-Apr. 1962.

PROMYSHLENNOST' ARMENII [INDUSTRY OF ARMENIA]. Issued by Sovet narodnogo khoziaistva Armianskoi SSR and Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov Armianskoi SSR [Economic Council of the Armenian S. S. R. and the State Scientific and Technical Committee of the Council of Ministers of the Armenian S. S. R.]. Erivan, vol. 5, no. 3, Mar. 1962.

REFERATIVNYI ZHURNAL. OTDEL'NYI VYPUSK 32. IZMERITEL'NAIA TEKHNIKA [JOURNAL OF ABSTRACTS. SEPARATE ISSUE 32 MEASUREMENT TECHNIQUES]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U S S R] Moscow, nos. 6-10, Mar.-May 1962

SOFIA. NAUCHNOIZSLEDOVATELSKI INSTITUT PO OKHRANA NA TRUDA I PROFESIONALNI ZABOLIAVANIIA. Trudy [SCIENTIFIC RESEARCH INSTITUTE OF LABOR PROTECTION AND OCCUPATIONAL DISEASES. Transactions]. Vol. 6, 1961. [In Russian]

STANDARTIZATSIIA [STANDARDIZATION]. Organ of Komitet standartov, mer i izmeritel'nykh priborov pri Sovete Ministrov SSSR [Committee of Standards, Measures, and Measuring Instruments, Attached to the Council of Ministers of the U. S S. R.] Moscow, vol. 26, no. 4, Apr. 1962.

TEHNIKA JA TOOTMINE [TECHNOLOGY AND PRODUCTION]. Issued by Eesti NSV Ministrite Noukogu Riiklik Teaduslik-Tehniline Komitee and Eesti NSV Ametiühingute Noukogu [State Scientific Technological Committee of the Council of Ministers of the Estonian S. S. R. and the Council of Trade Unions of the Estonian S. S. R.]. Tallina, no. 4, Apr. 1962. [In Estonian]

ZHURNAL TEKHNICHESKOI FIZIKI [JOURNAL OF TECHNICAL PHYSICS]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 32, no. 3, Mar. 1962.

b. AERONAUTICS

AVIATSIIA I KOSMONAVTIKA [AVIATION AND ASTRONAUTICS]. Moscow, vol. 44, no. 4, 1962.

AVIATSIONNAIA PROMYSHLENNOST' [AIRCRAFT INDUSTRY]. Organ of Ministerstvo aviatsionnoi promyshlennosti [Ministry of the Aircraft Industry]. Moscow, vol. 26, no. 8, Aug. 1957.
[PHOTOCOPY]

MOSCOW. AVIATSIONNYI TEKHNOLOGICHESKII INSTITUT. Trudy [TECHNOLOGICAL INSTITUTE OF AERONAUTICS. Transactions]. No. 52, 1961.

REFERATIVNYI ZHURNAL OTDEL'NYI VYPUSK 41 RAKETNAIA TEKHNIKA I APPARATY KOSMICHESKOGO POLETA [JOURNAL OF ABSTRACTS. SEPARATE ISSUE 41 ROCKET ENGINEERING AND SPACE FLIGHT EQUIPMENT] Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U S S R] Moscow, nos 7-8, 10, Apr.-May 1962

REFERATIVNYI ZHURNAL VOZDUSHNYI TRANSPORT [JOURNAL OF ABSTRACTS AIR TRANSPORTATION] Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U S S R] Moscow, nos 4-5, Apr -May 1962 [This journal is also issued in parts].

c CHEMICAL TECHNOLOGY

*KAUCHUK I REZINA [CRUDE AND VULCANIZED RUBBER]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po khimii and Vsesoiuznoe khimicheskoe obshchestvo [State Committee of the Council of Ministers of the U. S. S. R. for chemistry and the All-Union Chemical Society] Moscow, vol. 21, nos. 3-4, Mar.-Apr. 1962.

KHIMICHESKAIA PROMYSHLENNOST' [CHEMICAL INDUSTRIES]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po khimii [State Committee of the Council of Ministers of the U. S. S. R. on Chemistry]. Moscow, no. 3, Mar. 1962.

KHIMICHESKIE VOLOKNA [SYNTHETIC FIBERS]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po khimii [State Committee of the Council of Ministers of the U S S R on Chemistry]. Moscow, no. 2, 1962.

KHIMIIA I TEKHNOLOGIIA TOPLIV I MASEL [CHEMISTRY AND TECHNOLOGY OF FUEL AND OIL]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot [State Committee of the Council of Ministers of the U. S. S. R. on the Coordination of Research] and others. Moscow, vol. 7, no. 4, Apr. 1962.

KHIMIIA I TEKHNOLOGIIA POLIMEROV, sbornik perevodov iz inostrannoi periodicheskoi literatury [THE CHEMISTRY AND TECHNOLOGY OF POLYMERS, Translations From Foreign Periodical Literature]. Moscow, vol. 5, no. 12, 1961, vol. 6, no. 3, 1962.

KHOLODIL'NAIA TEKHNIKA [REFRIGERATION ENGINEERING]. Organ of Vsesoiuznyi nauchno-issledovatel'skii institut kholodil'noi promyshlennosti [All-Union Scientific Research Institute of the Refrigeration Industry]. Moscow, vol. 39, no. 2, Mar.-Apr. 1962.

KONSERVNAIA I OVOSHCHESUSHIL'NAIA PROMYSHLENNOST' [THE CANNING AND DEHYDRATED VEGETABLE INDUSTRY]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva pishchevoi promyshlennosti [State Committee of the Council of Ministers of the U. S. S. R. on the Coordination of Research and the Central Administration of the Scientific Technological Society of the Food Industry]. Moscow, vol. 17, no. 4, Apr. 1962.

LAKOKRASOCHNYE MATERIALY I IKH PRIMENENIE [LACQUER AND PAINT MATERIALS AND THEIR USE]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po khimii [State Committee for Chemistry of the Council of Ministers of the U. S. S. R.]. Moscow, no. 1, 1962.

MASLOBOINO-ZHIROVAIA PROMYSHLENNOST' [OILS AND FATS INDUSTRY]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva pishchevoi promyshlennosti [State Committee of the Council of Ministers of the U. S. S. R. on the Coordination of Research and the Central Administration of the Scientific Technological Society of the Food Industry]. Moscow, vol. 28, no. 3, Mar. 1962.

*PLASTICHESKIE MASSY [PLASTICS]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po khimii [State Committee for Chemistry of the Council of Ministers of the U. S. S. R.]. Moscow, nos. 3-5, 1962.

REFERATIVNYI ZHURNAL. OTDEL'NYI VYPUSK 34· KOMPRESSORY I KHOLODIL'NAIA TEKHNIKA [JOURNAL OF ABSTRACTS. SEPARATE ISSUE 34: COMPRESSORS AND REFRIGERATION ENGINEERING]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S S R.]. Moscow, nos 6-7, 9, Mar.-May 1962.

REFERATIVNYI ZHURNAL. OTDEL'NYI VYPUSK 47· KHIMICHESKOE MASHINOSTROENIE [JOURNAL OF ABSTRACTS. SEPARATE ISSUE 47 CHEMICAL MACHINERY MANUFACTURE]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S S R.]. Moscow, nos. 6-10, Mar -May 1962

SAKHARNAIA PROMYSHLENNOST' [SUGAR INDUSTRY]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva pishchevoi promyshlennosti [State Committee of the Council of Ministers of the U. S. S. R. on the Coordination of Research and the Central Administration of the Scientific Technological Society of the Food Industry]. Moscow, vol. 35[i. e. 36], no. 2, Feb. 1962.

SOVETSKOE FOTO [THE SOVIET PHOTO] Issued by Soiuz zhurnalistov SSSR [Association of Journalists of the U. S. S. R.] Moscow, vol. 22, no. 4, Apr 1962.

*ZHURNAL PRIKLADNOI KHIMII [JOURNAL OF APPLIED CHEMISTRY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 35, nos. 3-4, Mar.-Apr. 1962.

d CIVIL & CONSTRUCTION ENGINEERING

AKADEMIIA KOMMUNAL'NOGO KHOZIAISTVA. Sbornik nauchnykh rabot [ACADEMY OF COMMUNAL ECONOMY. Papers] Moscow, no. 3, 1960 Mekhanizatsiia rabot po blagoustroistvu gorodov [Mechanization of Street Cleaning]

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut betona i zhelezobetona. Perovo Nauchnoe soobshchenie [ACADEMY OF CONSTRUCTION AND ARCHITECTURE OF THE U. S. S. R. Institute of Concrete and Reinforced Concrete Scientific Report]. Moscow, no. 9, 1961.
Contents: Frenkel', I. M. [Utilizing the growth of the strength of concrete over a period of time to save cement] Ispol'zovanie rosta prochnosti betona vo vremeni dlia ekonomii tsementa. 51 p.

No. 10, 1961.
Contents: IAchmenev, M. G. [Heat-resistant asbestos cement] Zharoupornyi asbestotsement. 73 p.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut promyshlennykh zdanii i sooruzhenii. Trudy [ACADEMY OF CONSTRUCTION AND ARCHITECTURE OF THE U. S. S. R. Institute of Industrial Buildings and Structures. Transactions]. Moscow, no. 5, 1961.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut stroitel'noi fiziki i ograzhdaiushchikh konstruktsii. Nauchnoe soobshchenie [ACADEMY OF CONSTRUCTION AND ARCHITECTURE OF THE U. S. S. R. Institute of Construction Physics and Outside Wall Structures. Scientific Report]. Moscow, no. 3, 1961.
Contents: Gagarina, A. A., Golovko, M. D. [Using the electric analogy method to study the stress state of large wall slabs] Issledovanie napriazhennogo sostoianiia krupnorazmernykh stenovykh panelei metodom elektricheskikh analogii. 76 p.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut stroitel'nykh konstruktsii. Nauchnye soobshcheniia [ACADEMY OF CONSTRUCTION AND ARCHITECTURE OF THE U. S. S. R. Institute of Construction Design. Scientific Reports]. Moscow, no. 15, 1961.
Contents: Politakov, S. V., Konovodchenko, V. I. [Strength and deformation of vibrated brick panels and other efficient types] Prochnost' i deformatsii sbornykh vibrokirpichnykh i effektivnykh kladok. 147 p.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut stroitel'nykh konstruktsii. Trudy [ACADEMY OF CONSTRUCTION AND ARCHITECTURE OF THE U. S. S. R. Institute of Construction Design. Transactions]. Moscow, no. 1, 1961.

BETON I ZHELEZOBETON [CONCRETE AND REINFORCED CONCRETE]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U. S. S. R. for Construction]. Moscow, no. 1, Jan. 1962

GIDROTEKHNICHESKOE STROITEL'STVO [HYDROTECHNICAL CONSTRUCTION]. Issued by Ministerstvo stroitel'stva elektrostantsii SSSR [Ministry for the Construction of Electric Power Stations of the U.S.S.R.]. Moscow, vol. 32, no. 4, Apr. 1962.

OSNOVANIIA, FUNDAMENTY I MEKHANIKA GRUNTOV [FOUNDATIONS AND SOIL MECHANICS] Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U. S. S. R. for Construction] Moscow, vol. 3, no. 6, 1961.

POZHARNOE DELO [FIRE FIGHTING]. Izdanie Ministerstva vnutrennikh del RSFSR [Ministry of the Interior of the R. S. F. S. R.]. Moscow, vol. [illegible] nos. 3-4, Mar.-Apr. 1962.

PROMYSHLENNAIA AERODINAMIKA [INDUSTRIAL AERODYNAMICS]. Issued by Tsentral'nyi aero-gidrodinamicheskii institut [Central Aerohydrodynamic Institute]. Moscow, no. 21, 1962

PUT' I PUTEVOE KHOZIAISTVO [RAILROAD TRACK AND ROADWAY MAINTENANCE]. Organ Ministerstvo putei soobshcheniia SSSR [Ministry of Railroad Transportation of the U. S. S. R.]. Moscow, vol. [illegible] no. 5, 1962.

RASCHET PROSTRANTSVENNYKH KONSTRUKTSII [CALCULATION OF SPATIAL STRUCTURES] Moscow, no 7, 1962.

REFERATIVNYI ZHURNAL: STROITEL'STVO I ARKHITEKTURA [JOURNAL OF ABSTRACTS: CONSTRUCTION AND ARCHITECTURE]. Issued by Akademiia stroitel'stva i arkhitektury SSSR [Academy of Construction and Architecture of the U. S. S. R.] Moscow, no. 2(20), 1962

STROITEL'NAIA MEKHANIKA I RASCHET SOORUZHENII [STRUCTURAL MECHANICS AND CONSTRUCTION CALCULATIONS]. Issued by Akademiia stroitel'stva i arkhitektury SSSR [Academy of Construction and Architecture of the U. S. S. R.]. Moscow, no. 6, 1961.

TASHKENT. INSTITUT INZHENEROV IRRIGATSII I MEKHANIZATSII SEL'SKOGO KHOZIAISTVA [INSTITUTE OF IRRIGATION AND FARM MECHANIZATION ENGINEERS. Transactions] [illegible]

VOPROSY GIDROTEKHNIKI [PROBLEMS OF HYDRAULIC ENGINEERING] Issued by Akademiia nauk Uzbekskoi SSR [Academy of Sciences of the Uzbek S. S. R.]. Tashkent, no. 3, 1961.

e ELECTRICAL ENGINEERING

AKADEMIIA NAUK SSSR. Izvestiia. Otdelenie [illegible] skikh nauk, Energetika i avtomatika [ACADEMY OF SCIENCES OF THE U. S. S. R. Bulletin. Department of Technological Sciences. Power Engineering and Automatic Control]. Moscow, no. 2, Mar.-Apr. 1962

ANNOTIROVANNYI UKAZATEL' LITERATURY PO RADIOELEKTRONIKE [ANNOTATED BIBLIOGRAPHY ON ELECTRONICS]. Moscow, vol. 16, [illegible] 1962.

ATOMNAIA TEKHNIKA ZA RUBEZHOM [NUCLEAR ENGINEERING ABROAD]. Issued by the Gosudarstvennyi Komitet Soveta Ministrov SSSR po ispol'zovaniiu atomnoi energii [State Committee of the Council of Ministers of the U. S. S. R. for the Utilization of Atomic Energy]. Moscow, vol. 6, no. 4, Apr. 1962

AVTOMATIKA, TELEMEKHANIKA I SVIAZ' [AUTOMATIC CONTROL, REMOTE CONTROL, AND COMMUNICATIONS]. Organ of Ministerstvo putei soobshcheniia SSSR [Ministry of Railroad Transportation of the U. S. S. R.]. Moscow, vol. 6, nos. 4-5, Apr.-May 1962.

*AVTOMATIKA I TELEMEKHANIKA [AUTOMATIC AND REMOTE CONTROL]. Issued by Institut avtomatiki i telemekhaniki Akademii nauk SSSR [Institute of Automatic and Remote Control of the Academy of Sciences of the U. S. S. R.]. Moscow, vol. 23, no. 4, Apr. 1962

ELEKTROENERGETIKA [ELECTRIC POWER] Issued by Energeticheskii institut Akademii nauk SSSR [Institute of Power Engineering of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 5, 1962

*ELEKTROSVIAZ' [TELECOMMUNICATION]. Organ of Ministerstvo sviazi SSSR and Nauchno-tekhnicheskoe obshchestvo radiotekhniki i elektrosviazi im A. S. Popova [Ministry of Communication of the U. S. S. R. and the A. S. Popov Scientific Technological Society of Radio Engineering and Telecommunication]. Moscow, vol. 16, nos. 3-4, Mar.-Apr. 1962.

ENERGETICHESKOE STROITEL'STVO, sbornik materialov po obmenu opytom [POWER CONSTRUCTION; Collection of Materials for the Exchange of Experience]. Issued by Tekhnicheskoe upravlenie Ministerstva *stroitel'stva elektrostantsii SSSR* [Technical Administration of the Ministry for the Construction of Electric Power Stations of the U. S. S. R.]. Moscow, nos. 24-25, 1961.

ENERGETIK [ELECTRIC POWER TECHNICIAN]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot and TSentral'nyi Komitet Profsoiuza rabochikh elektrostantsii i elektropromyshlennosti [State Committee of the Council of Ministers of the U. S. S. R. on the Coordination of Research and the Central Committee of the Trade Union of Workers of Electric Power Stations and the Electrical Industry]. Moscow, vol. 10, no. 4, Apr. 1962.

MOSCOW. INSTITUT MEKHANIZATSII I ELEKTRIFIKATSII SEL'SKOGO KHOZIAISTVA. Trudy [INSTITUTE OF FARM MECHANIZATION AND ELECTRIFICATION. Transactions]. Vol 4, no. 2, 1959.

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT ZVUKOZAPISI. Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF SOUND RECORDING. Transactions] No. 5, 1959.

PROMYSHLENNAIA ENERGETIKA [INDUSTRIAL POWER]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot and Nauchno-tekhnicheskoe obshchestvo energeticheskoi promyshlennosti [State Committee of the Council of Ministers of the U. S. S. R. on the Coordination of Research and Scientific Technological Society of the Power Industry]. Moscow, vol. 17, no. 4, Apr. 1962.

RADIO [RADIO]. Organ of Ministerstvo sviazi SSSR and Vsesoiuznoe dobrovol'noe obshchestvo sodeistvia armii, aviatsii i flotu [Ministry of Communication of the U. S. S. R. and of the All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy]. Moscow, no. 4, Apr. 1962

*RADIOTEKHNIKA [RADIO ENGINEERING]. Organ of Nauchno-tekhnicheskoe obshchestvo radiotekhniki i elektrosviazi im A. S. Popova [A. S Popov Scientific Technological Society of Radio Engineering and Telecommunications]. Moscow, vol 17, no. 4, Apr. 1962

*RADIOTEKHNIKA I ELEKTRONIKA [RADIO ENGINEERING AND ELECTRONICS]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U. S S. R.] Moscow, vol. 7, no. 5, May 1962.

REFERATIVNYI ZHURNAL. OTDEL'NYI VYPUSK 42: SILOVYE USTANOVKI [JOURNAL OF ABSTRACTS. SEPARATE ISSUE 42· POWER PLANTS]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S S. R.]. Moscow, nos. 6-10, Mar.-May 1962.

REFERATIVNYI ZHURNAL· AVTOMATIKA I RADIOELEKTRONIKA [JOURNAL OF ABSTRACTS· AUTOMATIC CONTROL AND RADIO ENGINEERING]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S S. R.]. Moscow, no 4, Apr. 1962.

REFERATIVNYI ZHURNAL: ELEKTROTEKHNIKA I ENERGETIKA [JOURNAL OF ABSTRACTS: ELECTRICAL ENGINEERING AND ELECTRIC POWER]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 6-10, Mar.-May 1962. Predmetnyi ukazatel' za 1961 g. [Subject Index for 1961]

RUSSIA (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; elektromekhanika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Electrical Machinery and Apparatus]. Novocherkassk, vol. 5, no. 3, 1962.

RUSSIA (1923- U. S. S. R.) Ministerstvo vysshego i

ikh

Moscow, vol. 5, no. 3, Mar. 1962.

* RUSSIA (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, radiotekhnika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Instructions of Higher Learning; Radio Engineering]. Moscow, vol. 4, no. 6, Nov.-Dec. 1961.

SVETOTEKHNIKA [ILLUMINATING ENGINEERING]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroeniiu and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva energeticheskoi promyshlennosti [State Committee of the Council of Ministers of the U. S. S R. for Automation and Machinery Manufacture and the Central Administration of the Scientific Technological Society of the Power Industry]. Moscow, vol 8, no 4, Apr 1962.

VESTNIK ELEKTROPROMYSHLENNOSTI [REVIEW OF THE ELECTRICAL INDUSTRY]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot [State Committee of the Council of Ministers of the U. S. S. R. on the Coordination of Research] and others Moscow, vol. 33, no. 4, Apr. 1962

*VESTNIK SVIAZI [COMMUNICATION REVIEW]. Issued by Ministerstvo sviazi SSSR and TSentral'nyi komitet Profsoiuza rabotnikov sviazi, rabochikh avtomobil'nogo transporta i shosseinykh dorog [Ministry of Communication of the U. S. S. R. and the Central Committee of the Trade Union of Communications Employees and Workers of Automotive Transportation and Highways]. Moscow, vol. 22, no 4(265), Apr 1962

f INDUSTRIES & TRADES

AKADEMIIA NAUK URSR, Kiev Instytut elektrozvariuvannia Avtomaticheskaia svarka [ACADEMY OF SCIENCES OF THE UKRAINIAN S. S. R. Institute of Electric Welding. Automatic Welding]. Kiev, vol. 15, no. 5, May 1962.

* DEREVOOBRABATYVAIUSHCHAIA PROMYSHLENNOST' [WOODWORKING INDUSTRY]. Issued by Gosudarstvennyi komitet Soveta Ministrov RSFSR po koordinatsii nauchno-issledovatel'skikh rabot and TSentral'noe pravlenie NTO bumazhnoi i dervoobrabatyvaiushchei promyshlennosti [State Committee of the Council of Ministers of the R. S. F. S. R. on the Coordination of Research and the Central Administration of the Scientific Technological Society of the Paper and Woodworking Industry]. Moscow, vol. 11, no. 4, Apr. 1962.

KHLEBOPEKARNAIA I KONDITERSKAIA PROMYSHLENNOST' [BAKING AND CONFECTIONERY INDUSTRY]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva pishchevoi promyshlennosti [State Committee of the Council of Ministers of the U. S. S. R. on the Coordination of Research and the Central Administration of the Scientific Technological Society of the Food Industry]. Moscow, vol. 6, no. 4, Apr. 1962.

KOZHEVENNO-OBUVNAIA PROMYSHLENNOST' [LEATHER AND FOOTWEAR INDUSTRY]. Issued by Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR and TSentral'noe pravlenie NTO legkoi promyshlennosti [State Scientific and Technical Committee of the Council of Ministers of the U. S. S. R. and the Central Administration of the Scientific Technological Society of Light Industry]. *Leningrad, vol. 4, no. 2, Feb. 1962.*

LITERATURA PO LESNOI I BUMAZHNOI PROMYSHLENNOSTI [LITERATURE ON FOREST AND PAPER INDUSTRIES]. Issued by TSentral'naia nauchno-tekhnicheskaia biblioteka lesnoi i bumazhnoi promyshlennosti [Central Scientific and Technical Library of Forest and Paper Industries]. Moscow, nos. 43-49, 1960; nos. 51-57, 1961.

MODELI SEZONA [SEASON'S FASHIONS]. Issued by Vsesoiuznyi institut assortimenta izdelii legkoi promyshlennosti i kul'tury odezhdy [All-Union Institute of the Products of Light Industry and the Style of Clothing]. Moscow, no. 1, Spring-Summer, 1962.

MUKOMOL'NO-ELEVATORNAIA PROMYSHLENNOST' [FLOUR MILLING AND GRAIN STORAGE]. Organ of Gosudarstvennyi komitet zagotovok Soveta Ministrov SSSR [State Committee for Procurement of the Council of Ministers of the U. S. S. R.]. Moscow, vol. 28, no. 3, Mar. 1962.

OBSHCHESTVENNOE PITANIE [PUBLIC FOOD SERVICE]. Issued by Ministerstvo torgovli RSFSR [Ministry of Commerce of the R. S. F. S. R.]. Moscow, nos. 1, 3, Jan., Mar. 1962.

REFERATIVNYI ZHURNAL: LEGKAIA PROMYSHLENNOST' [JOURNAL OF ABSTRACTS: LIGHT INDUSTRY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, nos 6-10, Mar.-May 1962 [This journal is also issued in parts.]

SHVEINAIA PROMYSHLENNOST' [CLOTHING INDUSTRY] Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva legkoi promyshlennosti [State Committee of the Council of Ministers of the U. S S. R. on the Coordination of Research and the Central Administration of the Scientific Technological Society of Light Industry]. Moscow, no. 1-2, Jan.-Apr. 1962.

*SVAROCHNOE PROIZVODSTVO [WELDING PRACTICE] Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot [State Committee of the Council of Ministers of the U. S S. R. on the Coordination of Research] and others Moscow, no. 4(301), Apr. 1962

TEKSTIL'NAIA PROMYSHLENNOST' [TEXTILE INDUSTRY]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva legkoi promyshlennosti [State Committee of the Council of Ministers of the U. S S R. on Coordination of Research and the Central Administration of the Scientific Technological Society of Light Industry] Moscow, vol. 22, no 3, Mar. 1962

g MECHANICAL ENGINEERING

AVTOMOBIL'NAIA PROMYSHLENNOST' [AUTOMOBILE INDUSTRY]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroeniiu [State Committee of the Council of Ministers of the U. S. S. R. for Automation and Machinery Manufacture]. Moscow, vol. 28, no. 4, Apr. 1962.

AVTOMOBIL'NYI TRANSPORT [AUTOMOTIVE TRANSPORTATION]. Issued by Ministerstvo avtomobil'nogo transporta i shosseinykh dorog RSFSR and TSentral'nyi komitet Profsoiuza rabotnikov sviazi, rabochikh avtomobil'nogo transporta i shosseinykh dorog [Ministry of Automotive Transport and Highways of the R. S. F. S. R. and the Central Committee of the Trade Union of Communication, Automotive Transport, and Highway Workers]. Moscow, vol. 40, no. 4, Apr. 1962.

AVTOMOBIL'NYI TRANSPORT ZA RUBEZHOM, sbornik perevodnykh materialov iz inostrannoi periodicheskoi literatury po voprosam avtomobil'nogo transporta [AUTOMOTIVE TRANSPORTATION ABROAD, Translations of Foreign Periodical Literature on Problems of Automotive Transportation]. Issued by Gosudarstvennyi nauchno-issledovatel'skii institut avtomobil'nogo transporta [State Scientific Research Institute of Automotive Transportation]. Moscow, no. 5, 1961.

ENERGOMASHINOSTROENIE [POWER MACHINERY CONSTRUCTION]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroeniiu [State Committee of the Council of Ministers of the U. S. S. R. for Automation and Machinery Manufacture]. Moscow, vol. 8, no. 4, Apr. 1962.

INZHENERNYI ZHURNAL [ENGINEERING JOURNAL]. Organ of Otdelenie tekhnicheskikh nauk and Institut mekhaniki Akademii nauk SSSR [Department of Technological Sciences and the Institute of Mechanics of the Academy of Sciences of the U. S. S. R.]. Moscow, vol. 1, no. 4, 1961.

MASHINOSTROENIE [MACHINERY MANUFACTURE]. Issued by Institut tekhnicheskoi informatsii Gosudarstvennogo komiteta Soveta Ministrov USSR po koordinatsii nauchno-issledovatel'skikh rabot [Institute of Technical Information of the State Committee of the Council of Ministers of the Ukrainian S. S. R. on the Coordination of Research]. Kiev, no. 2(14), Mar.-Apr. 1962.

MEKHANIZATSHA I AVTOMATIZATSHA PROIZVODSTVA [MECHANIZATION AND AUTOMATION OF PRODUCTION]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroeniiu [State Committee of the Council of Ministers of the U. S. S. R. for Automation and Machinery Manufacture]. Moscow, vol. 16, nos. 3-4, Mar.-Apr. 1962.

METODY IF
I PRIP

M

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT ZHELEZNODOROZHNOGO TRANSPORTA. Vestnik [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF RAILROAD TRANSPORTATION Journal] Vol 21, no 2, 1962.

*PRIBOROSTROENIE [INSTRUMENT MANUFACTURE]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroeniiu and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva priborostroitel'noi promyshlennosti [State Committee of the Council of Ministers of the U S S R. for Automation and Machinery Manufacture and the Central Administration of the Scientific Technological Society of the Instrument Industry], Moscow, nos. 3-4, Mar.-Apr. 1962.

PROBLEMY PROCHNOSTI V MASHINOSTROENII [PROBLEMS OF STRENGTH OF MATERIALS IN MACHINERY MANUFACTURE]. Issued by Institut mashinovedeniia Akademii nauk SSSR [Institute of Mechanical Engineering of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 7, 1962.

REFERATIVNYI ZHURNAL OTDEL'NYI VYPUSK 31. VZAIMODEISTVIE RAZNYKH VIDOV TRANSPORTA I KONTEINERNYE PEREVOZKI [JOURNAL OF ABSTRACTS. SEPARATE ISSUE 31 CONTAINER SHIPMENTS AND THE INTERACTION OF VARIOUS TYPES OF TRANSPORTATION]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U S S R.]. Moscow, nos 1-4, Jan.-Apr 1962.

REFERATIVNYI ZHURNAL OTDEL'NYI VYPUSK 33 KOMMUNAL'NOE, BYTOVOE I TORGOVOE OBORUDOVANIE [JOURNAL OF ABSTRACTS SEPARATE ISSUE 33 COMMUNAL, HOUSEHOLD, AND COMMERICAL EQUIPMENT] Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U S S R.] Moscow, nos 1-5, 7-8, Jan.-Apr. 1962.

REFERATIVNYI ZHURNAL. OTDEL'NYI VYPUSK 39. PODʺEMNO-TRANSPORTNYE MASHINY I SOORUZHENIIA [JOURNAL OF ABSTRACTS. SEPARATE ISSUE 39 HOISTING AND CONVEYING MACHINERY AND STRUCTURES] Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U S S R] Moscow, nos 1-7, 9-10, Jan.-May 1962

REFERATIVNYI ZHURNAL. OTDEL'NYI VYPUSK 40 PRIBORY TOCHNOI MEKHANIKI I ISPYTATEL'NYE USTANOVKI [JOURNAL OF ABSTRACTS. SEPARATE ISSUE 40: PRECISION INSTRUMENTS AND TESTING EQUIPMENT]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, nos 7-9, Apr.-May 1962

REFERATIVNYI ZHURNAL. OTDEL'NYI VYPUSK 43. STROITEL'NOE I DOROZHNOE MASHINOSTROENIE. GORNYE MASHINY [JOURNAL OF ABSTRACTS. SEPARATE ISSUE 43 MANUFACTURE OF CONSTRUCTION EQUIPMENT AND ROAD MACHINERY. MINING MACHINERY] Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, nos 7-9, Apr.-May 1962.

REFERATIVNYI ZHURNAL. OTDEL'NYI VYPUSK 44: TRAKTORY I SEL'SKOKHOZIAISTVENNYE MASHINY [JOURNAL OF ABSTRACTS. SEPARATE ISSUE 44: TRACTORS AND AGRICULTURAL MACHINERY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, nos. 7, [illegible]

[illegible] ZHURNAL: AVTOMOBIL'NYI I GORODSKOI TRANSPORT [JOURNAL OF ABSTRACTS: AUTOMOTIVE AND CITY TRANSPORTATION]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, nos 4-5, Apr.-May 1962. [This journal is also issued in parts].

REFERATIVNYI ZHURNAL MASHINOSTROENIE [JOURNAL OF ABSTRACTS MACHINERY MANUFACTURE]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U S S R.]. Moscow, nos 7-9, Apr.-May 1962 Predmetnyi ukazatel' za 1959 [Subject Index for 1959], Avtorskii ukazatel' za 1960 g. [Author Index for 1960], vol 2, Avtorskii ukazatel' za 1960 g. [Author Index for 1960], vol. 3.

REFERATIVNYI ZHURNAL PROMYSHLENNYI TRANSPORT [JOURNAL OF ABSTRACTS INDUSTRIAL TRANSPORTATION]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U S S R.] Moscow, no 4, Apr. 1962 [This journal is also issued in parts].

REFERATIVNYI ZHURNAL ZHELEZNODOROZHNYI TRANSPORT [JOURNAL OF ABSTRACTS: RAILROAD TRANSPORTATION] Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the *U S S R.*]. *Moscow, nos. 4-5, Apr.-May 1962.* [*This* journal is also issued in parts]

RUSSIA (1923- U. S. S. R) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; mashinostroenie [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Machine Building]. Moscow, no. 1, 1962.

STROITEL'NYE I DOROZHNYE MASHINY [ROAD AND CONSTRUCTION MACHINERY]. Issued by Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroeniiu [State Committee of the Council of Ministers of the U. S. S. R. for Automation and Machinery Manufacture]. Moscow, vol 6, no 11, Nov 1961; vol. 7, no. 3, Mar. 1962.

*TEPLOENERGETIKA [HEAT ENGINEERING]. Organ of Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.] and others. Moscow, vol. 9, no. 5, May 1962.

TRAKTORY I SEL'KHOZMASHINY [TRACTORS AND AGRICULTURAL MACHINERY]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroeniiu [State Committee of the Council of Ministers of the U S S R for Automation and Machinery Manufacture]. Moscow, vol. 32, no. 4, Apr. 1962.

*TRENIE I IZNOS V MASHINAKH [FRICTION AND WEAR OF MACHINES] Issued by Institut mashinovedeniia Akademii nauk SSSR [Institute of Mechanical Engineering of the Academy of Sciences of the U. S S. R.]. Moscow, nos. 15-16, 1962.

*VESTNIK MASHINOSTROENIIA [MACHINE BUILDING REVIEW]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot [State Committee of the Council of Ministers of the U. S S. R. on the Coordination of Research] and others. Moscow, vol. 42, nos. 2, 4, Feb., Apr. 1962.

VOPROSY PRIKLADNOI GIROSKOPII [PROBLEMS OF APPLIED GYROSCOPY]. Issued by Sektsiia giroskopicheskikh priborov i ustroistv Leningradskogo oblastnogo pravleniia Nauchno-tekhnicheskogo obshchestva priborostroitel'noi promyshlennosti [Section of Gyroscopic Instruments and Devices of the Leningrad Province Administration of the Scientific Technological Society of the Instrument Industry]. Leningrad, no. 2, 1960.

ZHELEZNODOROZHNYI TRANSPORT [RAILROAD TRANSPORTATION]. Organ of Ministerstvo putei soobshchenila SSSR [Ministry of Railroad Transportation of the U. S. S. R.]. Moscow, vol. 44, no. 4, Apr. 1962.

h. MINING & METALLURGY

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Institut gornogo dela. Trudy [ACADEMY OF SCIENCES OF THE KAZAKH S. S. R. Institute of Mining. Transactions]. Vol. 8, 1961.

*AKADEMIIA NAUK SSSR. Izvestiia. Otdelenie tekhnicheskikh nauk. Metallurgiia i toplivo [ACADEMY OF SCIENCES OF THE *U. S. S. R. Bulletin.* Department of Technological Sciences. Metallurgy and Fuel]. Moscow, no. 2, Mar.-Apr. 1962.

AKADEMIIA NAUK SSSR. Laboratoriia geologii uglia. Trudy [ACADEMY OF SCIENCES OF THE U. S. S. R. Laboratory of Geology of Coal. Transaction]. Moscow, no. 13, 1961.

Contents: [History of the lower Mesozoic accumulation in Kazakhstan] Istoriia nizhnemezozoiskogo uglenakopleniia v Kazakhstane. Part 2. 252 p. 53 plates

No. 14, 1962.

Contents. Slatvinskaia, I. A. [Conditions of the formation of the coal-bearing [illegible] in central Kazakhstan, Ak-Kubak and [illegible] series] Usloviia obrazovaniia ugleno[illegible] TSentral'nogo Kazakhstana, Akkubakskaia i Aghilinskaia svity. 126 p. 16 plates

GEOFIZICHESKAIA RAZVEDKA [GEOPHYSICAL PROSPECTING]. Issued by Glavnoe upravlenie [illegible] okhrany nedr pri Sovete Ministrov SSSR [State Administration of Geology and the Conservation of Mineral Resources, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, [illegible]

*GEOLOGIIA NEFTI I GAZA [THE GEOLOGY OF PETROLEUM AND GAS] Issued by Ministerstvo [illegible] okhrany nedr SSSR and Glavnoe upravlenie [illegible] promyshlennosti pri Sovete Ministrov SSSR [State Committee of the Council of Ministers of the U.S.S.R. for the Petroleum Industry, Attached to the Council of Ministers of the U.S.S.R. for the Conservation of Mineral Resources of the U.S.S.R. and the Main Administration of the Gas Industry, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, vol. 6, [illegible] 1962.

*GEOLOGIIA RUDNYKH MESTOROZHDENII [GEOLOGY OF ORE DEPOSITS]. Issued by Akademiia [illegible] [Academy of Sciences of the U. S. S. R.]. [illegible] no. 2, Mar.-Apr. 1962.

GORNYI ZHURNAL [MINING JOURNAL]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po *nalaži nauchno-issledovatel'skikh* rabot and [illegible] nye pravlenia Nauchno-tekhnicheskikh [illegible] chermoi i tsvetnoi metallurgii [State Committee of the Council of Ministers of the U.S.S.R. on [illegible] of Research and the Central Administration [illegible] Scientific Technological Societies of Ferrous and Nonferrous Metallurgy]. Moscow, no. 4, Apr. 1962.

* LITEINOE PROIZVODSTVO [FOUNDRY PRACTICE]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot [State Committee of the Council of Ministers of the U.S.S.R. on the Coordination of Research] and others. Moscow, no. 4, Apr. 1962.

*METALLOVEDENIE I TERMICHESKAIA OBRABOTKA METALLOV [METALS AND HEAT TREATMENT OF METALS]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroeniiu and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva mashinostroitel'noi promyshlennosti [State Committee of the Council of Ministers of the U.S.S.R. for Automation and Machinery [illegible] and the Central Administration of the Scientific Technological Society of the Machinery Industry] [illegible] no. 4, Apr. 1962.

MOSCOW. TSENTRAL'NYI INSTITUT INFORMATSII CHERNOI METALLURGII. Biulleten' [CENTRAL INSTITUTE FOR INFORMATION ON FERROUS METALLURGY. Bulletin]. Nos. 9(360) [illegible] 1960.

[PHOTOCOPY]

*OGNEUPORY [REFRACTORIES]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po [illegible] tsii nauchno-issledovatel'skikh rabot and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva chernoi metallurgii [State Committee of the Council of Ministers of the U.S.S.R. on the Coordination of Research and the Central Administration of the Scientific Technological Society of Ferrous Metallurgy]. Moscow, vol. 27, no. 4, 1962.

OTSENKA MESTOROZHDENII PRI POISKAKH I RAZVEDKAKH [EVALUATION OF DEPOSITS IN PROSPECTING AND EXPLORATION]. Issued by Vsesoiuznyi [illegible] issledovatel'skii institut mineral'nogo syr'ia [Scientific Research Institute of Mineral Resources]. Moscow, no. 19, 1961.

Contents: Khrushchov, N. A. [Molybdenum] Molibden. 200 p.

*RAZVEDKA I OKHRANA NEDR [PROSPECTING AND CONSERVATION OF MINERAL RESOURCES] Organ of Ministerstvo geologii i okhrany nedr SSSR and TSK Profsoiuza rabochikh geologorazvedochnykh rabot [Ministry of the Geology and Conservation of Mineral Resources of the U. S. S. R. and the Central Committee of the Trade Union of Workers [illegible] in Geological Prospecting]. Moscow, vol. 29, no. 4, Mar.-Apr. 1962.

REFERATIVNYI ZHURNAL GORNOE DELO [JOURNAL OF ABSTRACTS MINING] Issued by Institut nauchno informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos 4-5, Apr.-May 1962.

REFERATIVNYI ZHURNAL METALLURGIIA [JOURNAL OF ABSTRACTS METALLURGY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos 4-5, Apr -May 1962

RUSSIA [illegible] Prospecting]. Moscow, vol 5, no. 3, Mar. 1962.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; gornyi zhurnal [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Mining Journal]. Moscow, no. 3, 1961, vol. 5, nos. 1-2, 1962.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, tsvetnaia metallurgiia [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Nonferrous Metallurgy]. Moscow, vol. 3, no. 2, 1960.

SEMINAR PO GORNOI TEPLOTEKHNIKE Trudy [SEMINAR ON MINING HEAT BALANCE ENGINEERING. Transactions]. Kiev, no. 3, 1961.

SHAKHTNOE STROITEL'STVO [MINE CONSTRUCTION] Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U.S.S.R for Construction]. Moscow, vol. 6, no. 4, Apr 1962

STROITEL'STVO TRUBOPROVODOV [PIPELINE CONSTRUCTION]. Issued by Glavnoe upravlenie gazovoi promyshlennosti pri Sovete Ministrov SSSR [Main Administration of the Gas Industry, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, vol. 6, no. 11, Nov 1961.

TORFIANAIA PROMYSHLENNOST' [PEAT INDUSTRY]. Issued by Gosudarstvennyi komitet Soveta Ministrov RSFSR po koordinatsii nauchno-issledovatel'skikh rabot [State Committee of the Council of Ministers of the R.S.F.S.R. on the Coordination of Research] Moscow, vol. 39, no 3, 1962.

*TSVETNYE METALLY [NONFERROUS METALS] Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot and TSentral'noe pravlenie Nauchno tekhnicheskogo obshchestva tsvetnoi metallurgii [State Committee of the Council of Ministers of the U.S.S.R. on the Coordination of Research and the Central Administration of the Scientific Technological Society of Nonferrous Metallurgy] Moscow, vol 35, nos 3-4, Mar -Apr 1962.

VOPROSY RUDNOI GEOFIZIKI [PROBLEMS OF GEOPHYSICAL ORE PROSPECTING] Issued by Vsesoiuznyi nauchno-issledovatel'skii institut razvedochnoi geofiziki [All-Union Scientific Research Institute of Geophysical Prospecting]. Moscow, no. 2, 1961.

VSESOIUZNYI NEFTEGAZOVYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF PETROLEUM AND NATURAL GAS Transactions] Moscow, nos. 22, 25, 1959.

*ZAVODSKAIA LABORATORIIA [THE FACTORY LABORATORY]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot [State Committee of the Council of Ministers of the U.S.S.R. on the Coordination of Research]. Moscow, vol. 28, no. 3, 1962

17. MILITARY & NAVAL SCIENCES

a MILITARY SCIENCE

KOMMUNIST VOORUZHENNYKH SIL [COMMUNIST OF THE ARMED FORCES]. Issued by Glavnoe politicheskoe upravlenie Sovetskoi Armii i Voenno-Morskogo Flota [Main Political Administration of the Soviet Army and Navy] Moscow, vol. 2, no. 8, Apr. 1962.

NASHA PEREKLICHKA [OUR ROLL CALL] New York, vol 3, no 27(127), Apr 1962

RODIMYI KRAI [NATIVE LAND] Issued by Donskoe voiskovoe ob"edinenie [Don Cossack Association] Paris, no. 39, Mar.-Apr 1962

SOVETSKII VOIN [SOVIET SOLDIER]. Issued by Glavnoe politicheskoe upravlenie Sovetskoi Armii i Voenno-Morskogo Flota [Main Political Administration of the Soviet Army and Navy]. Moscow, vol. 44, nos. 1(949), 1(952), 6(954), 8(956), Jan -Apr 1962

STARSHINA - SERZHANT [NONCOMMISSIONED OFFICERS]. Issued by Ministerstvo oborony SSSR [Ministry of Defense of the U.S.S.R.] Moscow, nos 1(16)-1(19), Jan -Apr 1962

TANKIST [TANKMAN]. Published by Voennoe izdatel'stvo Ministerstva oborony SSSR [Military Publishing House of the Ministry of Defense of the U.S.S.R.]. Moscow, no. 6, June 1950.
[PHOTOCOPY]

VLSTNIK VOZDUSHNOGO FLOTA [REVIEW OF THE AIR FORCE]. Issued by Upravlenie Voenno-Vozdushnykh Sil [Administration of the Air Force]. Moscow, vol. 31, nos. 1(359)-2(260), 4(362)-5(363), 9(367)-10(353), Jan.-Feb., Apr-May, Sept -Oct., 1949, vol. 30, no. 16, Aug, 1950, vol. 30, no 2, Jan 1951.
[PHOTOCOPY]

VOENNYE ZNANIIA [MILITARY KNOWLEDGE]. Organ of Vsesoiuznoe dobrovol'noe obshchestvo sodeistviia armii, aviatsii i flotu [All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy] Moscow, vol 38, no 4, Apr 1962.

VOENNYI VESTNIK [MILITARY REVIEW] Organ of Ministerstvo oborony SSSR [Ministry of Defense of the U.S.S.R.] Moscow, nos 17-20, 1946, nos 1-2, 5-6, 15-16, 23, 1947, no. 20, 1948; nos. 16, 18, 20, 22, 1949, nos. 4, 6, 11, 1951 [Photocopy], vol 41, nos 3-4, Mar -Apr. 1962.

b NAVAL SCIENCE

MORSKOI FLOT [THE MERCHANT MARINE]. Issued by Ministerstvo morskogo flota SSSR [Ministry of the Merchant Marine of the U.S.S.R.]. Moscow, vol. 22, nos. 2, 4, Feb., Apr. 1962.

RECHNOI TRANSPORT [INLAND WATER TRANSPORTATION]. Issued by Ministerstvo rechnogo flota [Ministry of the River Fleet] Moscow, vol 21, nos. 3-4, Mar -Apr. 1962.

REFERATIVNYI ZHURNAL VODNYI TRANSPORT [JOURNAL OF ABSTRACTS WATER TRANSPORTATION] Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.] Moscow, no. 4, Apr 1962

SUDOSTROFNIE [SHIPBUILDING]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po sudostroeniiu and Nauchno-tekhnicheskoe obshchestvo sudostroitel'noi promyshlennosti [State Committee of the Council of Ministers of the U.S.S.R. for Shipbuilding and the Scientific Technological Society of the Shipbuilding Industry] Leningrad, vol 28, nos. 3(233)-4(234), Mar -Apr. 1962.

PART C

List of Periodicals Indexed and Abbreviations Used

† Titles listed for the first time

Agitator (6)	Agitator [Agitator]
Agrobiologiia (15a)	Agrobiologiia [Agrobiology]
Akust.zhur. (13f)	Akusticheskii zhurnal [Journal of Acoustics]
Annot ukaz.lit po radioelek. (16e)	Annotirovannyi ukazatel' literatury po radioelektronike [Annotated Bibliography on Electronics]
Antibiotiki (14f)	Antibiotiki [Antibiotics]
Apt.delo (14f)	Aptechnoe delo [Pharmacy]
Arkh.anat.,gist.i embr. (13c)	Arkhiv anatomii, gistologii i embriologii [Archives of Anatomy, Histology, and Embryology]
Arkh pat (14e)	Arkhiv patologii [Archives of Pathology]
Arkheologiia (4b)	Arkheologiia [Archaeology]
Astron.tsir. (13b)	Astronomicheskii tsirkuliar [Astronomical Circular]
Atom.tekh.za rub. (16e)	Atomnaia tekhnika za rubezhom [Nuclear Engineering Abroad]
Av.i kosm. (16b)	Aviatsiia i kosmonavtika [Aviation and Astronautics]
Av.prom. (16b)	† Aviatsionnaia promyshlennost' [Aircraft Industry]
Avt.prom. (16g)	Avtomobil'naia promyshlennost' [Automobile Industry]
Avt.transp. (16g)	Avtomobil'nyi transport [Automotive Transportation]
Avtom.i telem. (16e)	Avtomatika i telemekhanika [Automatic and Remote Control]
Avtom.svar. (16f)	Akademiia nauk URSR, Kiev. Instytut elektrozvariuvannia. Avtomaticheskaia svarka [Academy of Sciences of the Ukrainian S.S.R. Institute of Electric Welding. Automatic Welding]
Avtom.,telem.i sviaz' (16e)	Avtomatika, telemekhanika i sviaz' [Automatic Control, Remote Control, and Communications]
Az.i Afr segodnia (1b)	Aziia i Afrika segodnia [Asia and Africa Today]
Belarus' (1b)	Belarus' [White Russia]. In White Russian.
Bet.i zhel.-bet. (16d)	Beton i zhelezobeton [Concrete and Reinforced Concrete]
Bibliotekar' (2b)	Bibliotekar' [The Librarian]
Biul.eksp.biol.i med. (14a)	Biulleten' eksperimental'noi biologii i meditsiny [Bulletin of Experimental Biology and Medicine]
Biul.Gos.kom. po vop.truda i zar.platy (7)	Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po voprosam truda i zarabotnoi platy. Biulleten' [State Committee on Problems of Labor and Wages. Bulletin]
Biul.Ispol kom Mosk.gor sov. (8)	Moscow Ispolnitel'nyi komitet Biulleten' [Executive Committee Bulletin]
Biul.izobr. (16a)	Biulleten' izobretenii [Bulletin on Inventions]
Biul.TSIICHM (16h)	Moscow. TSentral'nyi institut informatsii chernoi metallurgii. Biulleten' [Central Institute for Information on Ferrous Metallurgy. Bulletin]
Biul.Uch.med. sov. (14a)	Russia (1917- R.S.F.S.R.) Ministerstvo zdravookhraneniia. Uchenyi meditsinskii sovet. Biulleten' [Ministry of Health. Learned Medical Council. Bulletin]
Bukhg.uchet. (5a)	Bukhgalterskii uchet [Accounting]
Den.i kred. (5c)	Den'gi i kredit [Money and Credit]
Der.prom. (16f)	Derevoobrabatyvaiushchaia promyshlennost' [Woodworking Industry]
Dokl.AN Arm.SSR (13a)	Akademiia nauk Armianskoi SSR, Erivan. Doklady [Academy of Sciences of the Armenian S.S.R. Reports]
Dokl.AN BSSR (13a)	Akademiia nauk BSSR, Minsk. Doklady [Academy of Sciences of the White Russian S.S.R. Reports]
Dokl.AN SSSR (13a)	Akademiia nauk SSSR. Doklady [Academy of Sciences of the U.S.S.R. Reports]
Ekon.sel'khoz. (15a)	Ekonomika sel'skogo khoziaistva [Economics of Agriculture]
Ekon.stroi. (5b)	Ekonomika stroitel'stva [Economics of Construction]
Elektroenergetika (16e)	Elektroenergetika [Electric Power]
Elektrosviaz' (16e)	Elektrosviaz' [Telecommunication]
Energ.stroi. (16e)	Energeticheskoe stroitel'stvo [Power Construction]
Energetik (16e)	Energetik [Electric Power Technician]
Energomashinostroenie (16g)	Energomashinostroenie [Power Machinery Construction]
Ent.oboz. (13c)	Entomologicheskoe obozrenie [Entomological Review]
Ezhegod.knigi SSSR (2a)	Ezhegodnik knigi SSSR; sistematicheskii ukazatel' [Annual of Soviet Books; Classed Index]
Farm.i toks (14f)	Farmakologiia i toksikologiia [Pharmacology and Toxicology]
Fel'd.i akush. (14g)	Fel'dsher i akusherka [Feldsher and Midwife]
Fin SSSR (5c)	Finansy SSSR [Finance of the U.S.S.R.]
Fiz.tver.tela (13f)	Fizika tverdogo tela [Solid State Physics]
Fiziol.zhur. (13c)	Fiziologicheskii zhurnal SSSR [Physiological Journal of the U.S.S.R.]
Geofiz.razved. (16h)	Geofizicheskaia razvedka [Geophysical Prospecting]
Geokhimiia (12c)	Geokhimiia [Geochemistry]
Geol.i geofiz. (12c)	Geologiia i geofizika [Geology and Geophysics]
Geol.nefti i gaza (16h)	Geologiia nefti i gaza [The Geology of Petroleum and Gas]
Geol.rud.mestorozh. (16h)	Geologiia rudnykh mestorozhdenii [Geology of Ore Deposits]
Geol.zhur. (12c)	Geologichnyi zhurnal [Geological Journal]. In Ukrainian
Gidr.i mel. (15a)	Gidrotekhnika i melioratsiia [Hydraulic Engineering and Reclamation]
Gidr.strol. (16d)	Gidrotekhnicheskoe stroitel'stvo [Hydrotechnical Construction]
Gig.i san. (14g)	Gigiena i sanitariia [Hygiene and Sanitation]
Gig.truda i prof.zab. (14g)	Gigiena truda i professional'nye zabolevaniia [Industrial Hygiene and Occupational Diseases]
Gor.zhur. (16h)	Gornyi zhurnal [Mining Journal]
Grud.khir. (14h)	Grudnaia khirurgiia [Thoracic Surgery]
Inform.biul.nov. inostr.knig.postup.v Bibl.im. V.I.Len.Ser.1 (2a)	Moscow. Publichnaia biblioteka. Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V.I.Lenina. Seriia 1: Fiziko-matematicheskie, khimicheskie i geologo-geograficheskie nauki; tekhnika i tekhnicheskie nauki [Public Library. Information Bulletin of New Foreign Books Received by the Lenin Library. Series 1: Physical, Mathematical, Chemical, Geological and Geographical Sciences; Technology and Technological Sciences]
Inform.biul.nov. inostr.knig, postup.v Bibl. im. V.I.Len. Ser.2 (2a)	Moscow. Publichnaia biblioteka. Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V.I.Lenina. Seriia 2: Biologicheskie, sel'skokhoziaistvennye nauki [Public Library. Information Bulletin of New Foreign Books Received by the Lenin Library. Series 2: Biological, Medical and Agricultural Sciences]
Inform.biul.nov. inostr.knig, postup.v Bibl. im.V.I.Len. Ser.3 (2a)	Moscow. Publichnaia biblioteka. Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V.I.Lenina. Seriia 3: Obshchestvennye nauki, khudozhestvennaia literatura, iskusstvo [Public Library. Information Bulletin of New Foreign Books Received by the Lenin Library. Series 3: Social Sciences, Belles Lettres, Art]
Inform.biul.Sov. antark.eksp. (1a)	Sovetskaia antarkticheskaia ekspeditsiia, 1955-1958 [Soviet Antarctic Expedition, 1955-1958]. Informatsionnyi biulleten' [Soviet Antarctic Expedition, 1955-1958. Information Bulletin]
Inform.sbor. Mezhd.kom.po izuch.geol.i geog.kar. (12c)	† Akademiia nauk SSSR. Mezhduvedomstvennaia komissiia po izucheniiu geologii i geografii karsta. Informatsionnyi sbornik [Academy of Sciences of the U.S.S.R. Interdepartmental Committee for the Study of the Geology and Geography of Karst. Information Bulletin]
Inform.sbor. VSEGEI (12c)	Leningrad. Vsesoiuznyi geologicheskii institut. Informatsionnyi sbornik [All-Union Geological Institute. Information Bulletin]
Inform.ukaz.bibl. spis.i kart. (2a)	Informatsionnyi ukazatel' bibliograficheskikh spiskov i kartotek, sostavlennykh bibliotekami Sovetskogo Soiuza [Information Index of Bibliographical Lists and Card Files. Compiled by the Libraries of the Soviet Union]
Inostr.iaz.v shkole (11a)	Inostrannye iazyki v shkole [Foreign Languages in School]

Inzh.-fiz.zhur. (16a)	Inzhenerno-fizicheskii zhurnal [Journal of Engineering Physics]
Inzh.zhur. (16g)	Inzhenernyi zhurnal [Engineering Journal]
Isk.kino (9a)	Iskusstvo kino [Cinema Art]
Iskusstvo (10a)	Iskusstvo [Art]
Issl.ionosf.i met. (13b)	Issledovaniia ionosfery i meteorov. Sbornik statei; 5 razdel programmy MGG (ionosfera i meteory). Investigations of the Ionosphere and Meteors. [Articles; 5th Section of the IGY Program (Ionosphere and Meteors)]
Ist.-filol.zhur. (4a)	Akademiia nauk Armianskoi SSR, Erivan. Istoriko-filologicheskii zhurnal [Academy of Sciences of the Armenian S.S.R. Historical and Philological Review]
Ist.-mat.zbir. (13c)	Istoryko-matematychnyi zbirnyk [Collected Papers on the History of Mathematics]
IUn.nat. (13c)	IUnyi naturalist [Young Naturalist]
IUn.tekh. (16a)	IUnyi tekhnik [Young Technician]
Izm.tekh. (16a)	Izmeritel'naia tekhnika [Measurement Techniques]
Izobr.i rats. (16a)	Izobretatel' i ratsionalizator [Inventor and Efficiency Promoter]
Izv.AN Arm.SSR. Biol.nauki (13c)	Akademiia nauk Armianskoi SSR, Erivan. Izvestiia. Biologicheskie nauki [Academy of Sciences of the Armenian S.S.R. Bulletin. Biological Sciences]
Izv.AN Arm.SSR. Ser.fiz.-mat. nauk (13a)	Akademiia nauk Armianskoi SSR, Erivan. Izvestiia. Seriia fiziko-matematicheskikh nauk [Academy of Sciences of the Armenian S.S.R. Bulletin. Series in Physical and Mathematical Sciences]
Izv.AN Azerb.SSR. Ser.fiz.-mat.i tekh.nauk (1a)	Akademiia nauk Azerbaidzhanskoi SSR, Baku. Izvestiia. Seriia fiziko-matematicheskikh i tekhnicheskikh nauk [Academy of Sciences of the Azerbaijan S.S.R. Bulletin. Series in the Physical, Mathematical, and Technological Sciences]
Izv AN Azerb.SSR. Ser.geol.-geog. nauk (12c)	Akademiia nauk Azerbaidzhanskoi SSR, Baku. Izvestiia Seriia geologo-geograficheskikh nauk [Academy of Sciences of the Azerbaijan S.S.R. Bulletin. Series in the Geological and Geographical Sciences]
Izv.AN Kazakh.SSR. Ser.geol. (12c)	Akademiia nauk Kazakhskoi SSR, Alma-Ata. Izvestiia. Seriia geologicheskaia [Academy of Sciences of the Kazakh S.S.R. Bulletin. Geological Series
Izv.AN Kazakh. SSR.Ser.ist., arkheol.i etn. (4a)	Akademiia nauk Kazakhskoi SSR, Alma-Ata. Izvestiia. Seriia istorii, arkheologii i etnografii [Academy of Sciences of the Kazakh S.S.R. Bulletin. Series in History, Archaeology, and Ethnography]
Izv.AN Kazakh. SSR.Ser.med. i fiziol. (13c)	Akademiia nauk Kazakhskoi SSR, Alma-Ata. Izvestiia. Seriia meditsiny i fiziologii [Academy of Sciences of the Kazakh S.S.R. Bulletin. Series in Medicine and Physiology]
Izv.AN SSSR.Otd. khim.nauk (13d)	Akademiia nauk SSSR. Izvestiia. Otdelenie khimicheskikh nauk [Academy of Sciences of the U.S.S.R. Bulletin. Department of Chemical Sciences]
Izv.AN SSSR.Otd. lit.i iaz. (11b)	Akademiia nauk SSSR Izvestiia. Otdelenie literatury i iazyka [Academy of Sciences of the U.S.S.R. Bulletin. Department of Literature and Language]
Izv.AN SSSR.Otd. tekh.nauk Energ. i avtom. (16c)	Akademiia nauk SSSR. Izvestiia. Otdelenie tekhnicheskikh nauk. Energetika i avtomatika [Academy of Sciences of the U.S.S.R. Bulletin. Department of Technological Sciences. Power Engineering and Automatic Control]
Izv.AN SSSR.Otd. tekh.nauk Met. i topl. (16h)	Akademiia nauk SSSR. Izvestiia. Otdelenie tekhnicheskikh nauk. Metallurgiia i toplivo [Academy of Sciences of the U.S.S.R. Bulletin. Department of Technological Sciences. Metallurgy and Fuel]
Izv.AN SSSR.Ser. fiz. (13f)	Akademiia nauk SSSR. Izvestiia. Seriia fizicheskaia [Academy of Sciences of the U.S.S.R. Bulletin. Physical Series]
Izv.AN SSSR.Ser. geofiz. (13f)	Akademiia nauk SSSR. Izvestiia. Seriia geofizicheskaia [Academy of Sciences of the U.S.S.R. Bulletin. Geophysical Series]
Izv.AN SSSR.Ser. geol. (12c)	Akademiia nauk SSSR. Izvestiia. Seriia geologicheskaia [Academy of Sciences of the U.S.S.R. Bulletin. Geological Series]
Izv.AN Turk.SSR, Ser.fiz.-tekh., khim.i geol. nauk (13a)	Akademiia nauk Turkmenskoi SSR, Ashkhabad. Izvestiia. Seriia fiziko-tekhnicheskikh, khimicheskikh i geologicheskikh nauk [Academy of Sciences of the Turkmen S.S.R. Bulletin. Series in the Physical and Technological, Chemical, and Geological Sciences]
Izv.AN Uz.SSR, Ser.fiz.-mat.nauk (13f)	Akademiia nauk Uzbekskoi SSR, Tashkent. Izvestiia, Seriia fiziko-matematicheskikh nauk [Academy of Sciences of the Uzbek S.S.R. Bulletin. Series in Physical and Mathematical Sciences]
Izv.vys.ucheb. zav.;elektromekh. (16c)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; elektromekhanika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Electrical Machinery and Apparatus]
Izv.vys.uchob.zav.; energ. (16c)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; energetika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Power Engineering]
Izv.vys.uchob.zav.; geol.i razv. (16h)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; geologiia i razvedka [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Geology and Prospecting]
Izv.vys.ucheb. zav;gor zhur. (16h)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; gornyi zhurnal [Ministry of Higher and Secondary Specialized Education Bulletin of the Institutions of Higher Learning, Mining Journal]
Izv.vys.ucheb.zav.; khim.i khim.tekh. (13d)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; khimiia i khimicheskaia tekhnologiia [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Chemistry and Chemical Technology]
Izv.vys.ucheb.zav.; les.zhur. (15c)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; lesnoi zhurnal [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Forestry Journal]
Izv.vys.ucheb. zav.; mashinostr. (16g)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, mashinostroenie [Ministry of Higher and Secondary Specialized Education Bulletin of the Institutions of Higher Learning; Machine Building]
Izv.vys.ucheb.zav., radiotekh. (16e)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, radiotekhnika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Radio Engineering]
Izv.vys.ucheb.zav ; stroi.i arkhit. (10b)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, stroitel'stvo i arkhitektura [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Radio Engineering]
Izv.vys.ucheb. zav.;tsvet.met. (16h)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; tsvetnaia metallurgiia [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Nonferrous Metallurgy]
Kardiologiia (14a)	Kardiologiia [Cardiology]
Kauch.i rez. (16c)	Kauchuk i rezina [Crude and Vulcanized Rubber]
Khim.i tekh polim. (16c)	Khimiia i tekhnologiia polimerov, sbornik perevodov iz inostrannoi periodicheskoi literatury [The Chemistry and Technology of Polymers, Translations From Foreign Periodical Literature]
Khim.i tekh.topl. i masel (16c)	Khimiia i tekhnologiia topliv i masel [Chemistry and Technology of Fuel and Oil]
Khim.prom. (16c)	Khimicheskaia promyshlennost' [Chemical Industries]
Khim.volok. (16c)	Khimicheskie volokna [Synthetic Fibers]
Khirurgiia (14h)	Khirurgiia [Surgery]
Khleb.i kond.prom (16f)	Khlebopekarnaia i konditerskaia promyshlennost' [Baking and Confectionery Industry]
Khol.tekh. (16c)	Kholodil'naia tekhnika [Refrigeration Engineering]
Klin.med. (14a)	Klinicheskaia meditsina [Clinical Medicine]
Kniga; issl.i mat. (2c)	Kniga; issledovaniia i materialy [The Book; Studies and Papers]
Knizh.let. (2a)	Knizhnaia letopis' [Book Chronicle]
Kolkh.zhiv (15b)	Sel'so, vsesoiuznaia kartoteka obmena opytom v sotsialisticheskom sel'skom khoziaistve. Seriia Kolkhoznoe zhivotnovodstvo [Sel'so, All-Union Pamphlet Collection for the Exchange of Experience in Socialist Agriculture. Series on Collective Farm Animal Husbandry]
Komm.Bel. (6)	Kommunist Belorussii [Communist of White Russia]
Komm.Mold (6)	Kommunist Moldavii [Communist of Moldavia]
Komm.Ukr. (6)	Kommunist Ukrainy [Communist of the Ukraine]
Komm.Vooruzh.Sil. (17a)	Kommunist Vooruzhennykh Sil [Communist of the Armed Forces]
Kommunist (6)	Kommunist [Communist]
Komsom.zhizn' (5e)	Komsomol'skaia zhizn' [Life of Communist Youth]
Kons.i ov.prom. (16c)	Konservnaia i ovoshchesushil'naia promyshlennost' [The Canning and Dehydrated Vegetable Industry]
Kozh.-obuv.prom. (16f)	Kozhevenno-obuvnaia promyshlennost' [Leather and Footwear Industry]
Kristallografiia (13f)	Kristallografiia [Crystallography]
Kul't.i zhizn' (1b)	Kul'tura i zhizn' [Culture and Life]
Lakokras.mat.i ikh prim. (16c)	Lakokrasochnye materialy i ikh primenenie [Lacquer and Paint Materials and Their Use]
Les.khoz. (15c)	Lesnoe khoziaistvo [Forestry]
Let.gazet.st (2a)	Letopis' gazetnykh statei [Chronicle of Newspaper Articles]
Let.rets. (2a)	Letopis' retsenzii [Chronicle of Reviews]
Let.zhur.st. (2a)	Letopis' zhurnal'nykh statei [Chronicle of Periodical Articles]
Lit.po les.i bum. prom. (16f)	Literatura po lesnoi i bumazhnoi promyshlennosti [Literature on Forest and Paper Industries]
Lit.proizv. (16h)	Liteinoe proizvodstvo [Foundry Practice]
Mashinostroenie (16g)	Mashinostroenie [Machinery Manufacture]

649080 O - 62 - 4

Masl.-zhir.prom. (16c)	Masloboino-zhirovaia promyshlennost' [Oils and Fats Industry]
Mat.i issl.po arkheol. (4b)	Materialy i issledovaniia po arkheologii SSSR [Materials and Research in the Archaeology of the U.S.S.R.]
Mat.i soob Issl otd. Inst.po izuch SSSR (4a)	Institut zur Erforschung der UdSSR Materialy i soobshchenila Issledovatel'skogo otdela [Institute for the Study of the U.S.S.R. Materials and Reports of the Research Department]
Mat.po sel'khoz. raion.Irk.obl. (15a)	Materialy po sel'skokhoziaistvennomu raionirovaniiu Irkutskoi oblasti [Materials on the Agricultural Zoning of Irkutsk Province]
Mat.sbor. (13e)	Matematicheskii sbornik [Mathematical Review]
Med.ref.zhur. (14a)	Meditsinskii referativnyi zhurnal [Medical Abstracts]
Med.sestra (14g)	Meditsinskaia sestra [Medical Nurse]
Med.zhur.Uzb. (14a)	Meditsinskii zhurnal Uzbekistana [Medical Journal of Uzbekistan]
Mekh.i avtom. proizv. (16g)	Mekhanizatsiia i avtomatizatsiia proizvodstva [Mechanization and Automation of Production]
Metalloved.i term obr met. (16h)	Metallovedenie i termicheskaia obrabotka metallov [Metals and Heat Treatment of Metals]
Metod.isp det.i mat.mash.i prib. (16g)	Metody ispytanii detalei i materialov mashin i priborov [Methods for Testing Parts and Materials of Machines and Instruments]
Mezhdunar. zhizn' (6)	Mezhdunarodnaia zhizn' [International Life]
Mikrobiol. zhur. (13c)	Mikrobiologichnyi zhurnal [Journal of Microbiology]. In Ukrainian.
Mod sezona (16f)	Modeli sezona [Season's Fashions]
Mor.flot (17b)	Morskoi flot [The Merchant Marine]
Moskva (11b)	Moskva [Moscow]
Muk.-elev prom. (16f)	Mukomol'no-elevatornaia promyshlennost' [Flour Milling and Grain Storage
Mystetstvo (10a)	Mystetstvo [Art]. In Ukrainian
Nach.shkola (8a)	Nachal'naia shkola [Primary School]
Nar.asv. (8a)	Narodnaia asveta [Public Education]
Nar.Azii i Afr. (4a)	Narody Azii i Afriki; istoriia, ekonomika, kul'tura [Peoples of Asia and Africa; History, Economics, Culture]
Nar.khoz.Kazakh. (5b)	Narodnoe khoziaistvo Kazakhstana [The National Economy of Kazakhstan]
Nar.khoz.Uzb. (5b)	Narodnoe khoziaistvo Uzbekistana [The National Economy of Uzbekistan]
Nar.obr. (8a)	Narodnoe obrazovanie [Public Education]
Nauch.dokl.vys. shkoly; filos. nauki (3a)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Nauchnye doklady vysshei shkoly; filosofskie nauki [Ministry of Higher and Secondary Specialized Education. Research Papers of Higher Schools; Philosophical Sciences]
Nauch.soob.NIISF (16d)	Akademiia stroitel'stva i arkhitektury SSSR. Institut stroitel'noi fiziki i ograzhdaiushchikh konstruktsii. Nauchnoe soobshchenie [Academy of Construction and Architecture of the U.S.S.R. Institute of Construction Physics and Outside Wall Structures. Scientific Report]
Nauch.soob.NIIZHB (16d)	Akademiia stroitel'stva i arkhitektury SSSR. Institut betona i zhelezobetona. Perovo. Nauchnoe soobshchenie [Academy of Construction and Architecture of the U.S.S.R. Institute of Concrete and Reinforced Concrete. Scientific Reports]
Nauch.soob. TSNIISK (16d)	Akademiia stroitel'stva i arkhitektury SSSR. Institut stroitel'nykh konstruktsii. Nauchnoe soobshchenie [Academy of Construction and Architecture of the U.S.S.R. Institute of Construction Design. Scientific Report]
Nauch.zap.VLTI (15c)	Voronezh Lesotekhnicheskii institut. Nauchnye zapiski [Forestry and Lumbering Institute. Studies]
Neva (11b)	Neva
Nov.i nov.ist. (4a)	Novaia i noveishaia istoriia [Modern and Recent History]
Nov.inostr.ekon. lit. (5b)	Novaia inostrannaia ekonomicheskaia literatura [New Foreign Economic Literature]
Nov.inostr.knigi, postup.v sist.Bibl. AN SSSR (2a)	Akademiia nauk SSSR. Biblioteka. Novye inostrannye knigi, postupivshie v sistemu biblioteki [Academy of Sciences of the U.S.S.R. Library. New Foreign Books Received by the Library System]
Nov.inostr.lit.po iaz. (11a)	Novaia inostrannaia literatura po iazykoznaniiu [New Foreign Literature in Linguistics]
Nov.inostr.lit.po ist.,arkheol.i etn. (4a)	Novaia inostrannaia literatura po istorii, arkheologii i etnografii [New Foreign Literature on History, Archaeology, and Ethnography]
Nov.inostr.lit. polit. (11b)	Novaia inostrannaia literatura po literaturovedeniiu [New Foreign Literature on the Study of Literature]
Nov.khir.arkh. (14h)	Novyi khirurgicheskii arkhiv [New Surgical Archives]
Nov.knigi (2a)	Novye knigi [New Books]
Nov.lit.o nauke i nauch.-issl.rab. za rub. (2a)	Novaia literatura o nauke i nauchno-issledovatel'skoi rabote za rubezhom [New Literature on Science and Research Abroad]
Nov.lit.po evrop. stran.nar.dem.i slav.: Bolg. (2a)	Novaia literatura po evropeiskim stranam narodnoi demokratii i slavianovedeniiu: Bolgariia [New Literature on European People's Democracies and Slavic Studies: Bulgaria]
Nov.lit.po IUg. (2a)	Novaia literatura po IUgoslavii [New Literature on Yugoslavia]
Nov mir (11b)	Novyi mir [The New World]
Nov.sov ekon.lit (5b)	Novaia sovetskaia ekonomicheskaia literatura [New Soviet Economic Literature]
Nov.sov.i inostr. lit.po stran. zarub.Vost. (2a)	Novaia sovetskaia i inostrannaia literatura po stranam zarubezhnogo Vostoka [New Soviet and Foreign Literature on the Countries of the Non-Soviet East]
Nov.sov.i inostr. lit po vop.rel.i ateiz. (3b)	Novaia sovetskaia i inostrannaia literatura po voprosam religii i ateizma [New Soviet and Foreign Literature on the Problems of Religion and Atheism]
Nov sov lit.o nauke i nauch.-issl rab.v SSSR (2a)	Novaia sovetskaia literatura o nauke i nauchno-issledovatel'skoi rabote v SSSR [New Soviet Literature on Science and General Research in the U.S.S.R.]
Nov sov lit.po filosof. (3a)	Novaia sovetskaia literatura po filosofii [New Soviet Literature on Philosophy]
Nov.sov.lit.po iaz. (11a)	Novaia sovetskaia literatura po lazykoznaniiu [New Soviet Literature in Linguistics]
Nov.sov.lit.po lit. (11b)	Novaia sovetskaia literatura po literaturovedeniiu [New Soviet Literature on the Study of Literature]
Nov.vrem. (6)	Novoe vremia [New Times]
Obshchestv.nauki v Uz. (1a)	Obshchestvennye nauki v Uzbekistane [Social Sciences in Uzbekistan]
Obshchestv.pit (16f)	Obshchestvennoe pitanie [Public Food Servis]
Och.po sovr.sov. i zarub.ekon. (5b)	Ocherki po sovremennoi sovetskoi i zarubezhnoi ekonomike [Studies on Contemporary Soviet and Foreign Economics]
Oft.zhur. (14d)	Oftalmologicheskii zhurnal [Ophthalmological Journal]
Ogneupory (16h)	Ogneupory [Refractories]
Okhr.truda i sots. strakh. (5d)	Okhrana truda i sotsial'noe strakhovanie [Protection of Labor and Social Insurance]
Oktiabr' (11b)	Oktiabr' (October]
Osn.,fund.i mekh. grun. (16d)	Osnovaniia, fundamenty i mekhanika gruntov [Foundations and Soil Mechanics]
Otsen.mestorozhd. pri poisk.i razved. (16h)	Otsenka mestorozhdenii pri poiskakh i razvedkakh [Evaluation of Deposits in Prospecting and Exploration]
Otv.na vop.trud. (1b)	Otvety na voprosy trudiashchikhsia [Replies to Workers' Questions]
PMTF (16a)	PMTF; zhurnal prikladnoi mekhaniki i tekhnicheskoi fiziki [PMTF; Journal of Applied Mechanics and Technical Physics]
Paleont.zhur. (12c)	Paleontologicheskii zhurnal [Paleontological Journal]
Part.zhizn' (6)	Partiinaia zhizn' [Party Life]
Part.zhizn' Kazakh. (6)	Partiinaia zhizn' Kazakhstana [Party Life in Kazakhstan]
Part.zhizn' [Uzb.] (6)	Partiinaia zhizn' [Party Life]
Pat.fiziol.i eksp. terap. (14e)	Patologicheskaia fiziologiia i eksperimental'naia terapiia [Pathological Physiology and Experimental Therapy]
Ped.,akush.i gin. (14b)	Pediatriia, akusherstvo i ginekologiia [Pediatrics, Obstetrics, and Gynecology]. In Ukrainian.
Pediatriia (14b)	Pediatriia [Pediatrics]
Plast.massy (16c)	Plasticheskie massy [Plastics]
Po rad.Ukr. (1b)	Ukraina'ke tovarystvo druzhby i kul'turnoho zv'iazku z zarubizhnymy krainamy. Po radians'kii Ukraini; fotokhronika [Ukrainian Society for Friendship and Cultural Relations with Foreign Countries. Through Soviet Ukraine photo report]
Pochvovedenie (15a)	Pochvovedenie [Soil Science]
Poligr.proizv. (2c)	Poligraficheskoe proizvodstvo [Printing Industry]
Pozhar.delo (16d)	Pozharnoe delo [Fire Fighting]
Pratsy Inst.mov. AN BSSR (11a)	Akademiia navuk BSSR, Minsk. Instytut movaznaustva. Pratsy [Academy of Sciences of the White Russian S.S.R. Institute of Linguistics. Transactions]. In White Russian.
Prep.ist.v shkole (4a)	Prepodavanie istorii v shkole [Teaching History in Schools]
Priborostroenie (16g)	Priborostroenie [Instrument Manufacture]
Prikl.mat.i mekh. (13e)	Prikladnaia matematika i mekhanika [Applied Mathematics and Mechanics]
Priroda (13a)	Priroda [Nature]
Probl.gematol.i perelivaniia krovi (14e)	Problemy gematologii i perelivaniia krovi [Problems of Hematology and Blood Transfusion]
Probl.kib. (13a)	Problemy kibernetiki [Problems of Cybernetics]
Probl.proch.v mashinostr. (16g)	Problemy prochnosti v mashinostroenii [Problems of Strength of Materials in Machinery Manufacture]

Probl. tub. (14a)	Problemy tuberkuleza [Problems of Tuberculosis]
Prof.-tekh. obr. (16a)	Professional'no-tekhnicheskoe obrazovanie [Vocational Technical Education]
Prom. aerodin. (16d)	Promyshlennaia aerodinamika [Industrial Aerodynamics]
Prom. Arm. (16a)	Promyshlennost' Armenii [Industry of Armenia]
Prom. energ. (16e)	Promyshlennaia energetika [Industrial Power]
Put' i put. khoz. (16d)	Put' i putevoe khoziaistvo [Rail; *Road Tracks* and Roadway Maintenance]
Pyt. ekon. sil'. hosp. URSR (5b)	‡Pytannia ekonomiky sil's'koho hospodarstva Ukrains'koi RSR [Problems in the Economics of the Agriculture of the Ukrainian S. S. R.]
Pyt. rozv. prod. syl L'viv. i Stan. ekon. adm. rai. (5b)	Pytannia rozvytku produktyvnykh syl L'viva'koho i Stanislava'koho ekonomichnykh administratyvnykh raioniv [Problems of the Development of the Productive *Forces of* Lvov and Stanislav Economic Administrative Regions]
Rab. i sial. (5d)	Rabotnitsa i sialianka [The Woman Worker and the Peasant Woman]. In White Russian
Rad. pravo (7)	Radianskoe pravo [Soviet Law]
Rad. shk. (8a)	Radians'ka shkola [Soviet School]
Radio (16c)	Radio [Radio]
Radiobiologiia (13c)	Radiobiologiia [Radiobiology]
Radiokhimiia (13d)	Radiokhimiia [Radiochemistry]
Radiotekh. i elektron (16c)	Radiotekhnika i elektronika [Radio Engineering and Electronics]
Radiotekhnika (16c)	Radiotekhnika [Radio Engineering]
Raschet. prostr. konstr. (16d)	Raschet prostranstvennykh konstruktsii [Calculation of Spatial Structures]
Razved. i okh. nedr (16h)	Razvedka i okhrana nedr [Prospecting and Conservation of Mineral Resources]
Rech. transp. (17b)	Rechnoi transport [Inland Water Transportation]
Ref. sbor. Ekon. *prom.* (5b)	Referativnyi sbornik: Ekonomika promyshlennosti [Journal of Abstracts: Economics of Industry]
Ref. zhur.: Astron. i geod. (13b)	Referativnyi zhurnal: Astronomiia i geodeziia [Journal of Abstracts: Astronomy and Geodesy]
Ref. zhur.: Avt. i gor. transp. (16g)	Referativnyi zhurnal: Avtomobil'nyi i gorodskoi transport [Journal of Abstracts: Automotive and City Transportation]
Ref. zhur.: Avtom. i radioelektr. (16e)	Referativnyi zhurnal. Avtomatika i radioelektronika [Journal of Abstracts, Automatic Control and Radio Engineering]
Ref. zhur.: Biol. (13c)	Referativnyi zhurnal: Biologiia [Journal of Abstracts: Biology]
Ref. zhur.: Elektrotekh. i energ. (16e)	Referativnyi zhurnal: Elektrotekhnika i energetika [Journal of Abstracts: Electrical Engineering and Electric Power]
Ref. zhur.: Fiz. (13f)	Referativnyi zhurnal: Fizika [Journal of Abstracts: Physics]
Ref. zhur.: Geofiz. (13f)	Referativnyi zhurnal: Geofizika [Journal of Abstracts: Geophysics]
Ref. zhur.: Geog. (12b)	Referativnyi zhurnal: Geografiia [Journal of Abstracts: Geography]
Ref. zhur.: Geol. (12c)	Referativnyi zhurnal: Geologiia [Journal of Abstracts: Geology]
Ref. zhur.: Gor. delo (16h)	Referativnyi zhurnal: Gornoe delo [Journal of Abstracts: Mining]
Ref. zhur.: Khim. (13d)	Referativnyi zhurnal. Khimiia [Journal of Abstracts: Chemistry]
Ref. zhur.: Khim.; Biol. khim. (13c)	Referativnyi zhurnal: Khimiia; Biologicheskaia khimiia [Journal of Abstracts: Chemistry; Biological Chemistry]
Ref. zhur.: Leg. prom. (16f)	Referativnyi zhurnal: Legkaia promyshlennost' [Journal of Abstracts: Light Industry]
Ref. zhur.: Mashinostr. (16g)	Referativnyi zhurnal: Mashinostroenie [Journal of Abstracts: Machinery Manufacture]
Ref. zhur.: Mat. (13e)	Referativnyi zhurnal: Matematika [Journal of Abstracts: Mathematics]
Ref. zhur.: Mekh. (13f)	Referativnyi zhurnal: Mekhanika [Journal of Abstracts: Mechanics]
Ref. zhur.: Mpt. (16h)	Referativnyi zhurnal: Metallurgiia [Journal of Abstracts: Metallurgy]
Ref zhur. Otd. vyp. 31: Vzaimodeistv. raz. vid. transp. i kont. perev. (16g)	‡Referativnyi zhurnal. Otdel'nyi vypusk 31: Vzaimodeistvie raznykh vidov transporta i konteinernye perevozki [Journal of Abstracts. Separate Issue 31: Container Shipments and the Interaction of Various Types of Transportation]
Ref. zhur. Otd. vyp. 32: Izmeritel'naia tekhnika (16a)	Referativnyi zhurnal. Otdel'nyi vypusk 32: Izmeritel'naia tekhnika [Journal of Abstracts. Separate Issue 32: Measurement Techniques]
Ref. zhur. Otd. vyp. 33: Kommun., byt. i torg. obor. (16g)	‡Referativnyi zhurnal. Otdel'nyi vypusk 33: Kommunal'noe, bytovoe i torgovoe oborudovanie [Journal of Abstracts. Separate Issue 33: Communal, Household, and Commercial Equipment]
Ref. zhur. Otd. vyp. 34: Komp. i khol. tekh. (16c)	Referativnyi zhurnal. Otdel'nyi vypusk 34: Kompressory i kholodil'naia tekhnika [Journal of Abstracts. Separate Issue 34; Compressors and Refrigeration Engineering]
Ref. zhur. Otd. vyp. 35 Kraeved. (12b)	‡Referativnyi zhurnal. Otdel'nyi vypusk 35 Kraevedenie [Journal of Abstracts. Separate Issue 35 Regional Studies]
Ref. zhur. Otd. vyp. 36: Med. geog. (14a)	Referativnyi zhurnal. Otdel'nyi vypusk 36: Meditsinskaia geografiia [Journal of Abstracts. Separate Issue 36: Medical Geography]
Ref. zhur. Otd. vyp. 37: Obor. i tekh. poligr. proizv. (2c)	Referativnyi zhurnal. Otdel'nyi vypusk 37: Oborudovanie i tekhnologiia poligraficheskogo proizvodstva [Journal of Abstracts. Separate Issue 37: Equipment and Technology of the Printing Industry]
Ref. zhur. Otd. vyp. 39 Pod.-transp. mash. i soor. (16g)	‡Referativnyi zhurnal. Otdel'nyi vypusk 39: Pod"emno-transportnye mashiny i sooruzheniia [Journal of Abstracts. Separate Issue 39: Hoisting and Conveying Machinery and Structures]
Ref. zhur. Otd. vyp. 40: Prib. tech. mekh. i isp. ust. (16g)	Referativnyi zhurnal. Otdel'nyi vypusk 40. Pribory tochnoi mekhaniki i ispytatel'nye ustanovki [Journal of abstracts. Separate Issue 40: Precision Instruments and Testing Equipment]
Ref. zhur. Otd. vyp. 41: Raket. tekh. i app. kosm. pol. (16b)	Referativnyi zhurnal. Otdel'nyi vypusk 41: Raketnaia tekhnika i apparaty kosmicheskogo poleta [Journal of Abstracts. *Separate Issue 41: Rocket Engineering* and Space Flight Equipment]
Ref. zhur. Otd. *vyp. 42: Sil. ust.* (16e)	Referativnyi zhurnal. Otdel'nyi vypusk 42: Silovye ustanovki [Journal of Abstracts. Separate Issue 42: Power Plants]
Ref. zhur. Otd. vyp. 43: Stroi. i dor. mashinostr. Gor. mash. (16g)	Referativnyi zhurnal. Otdel'nyi vypusk 43: Stroitel'noe i dorozhnoe mashinostroenie. Gornye mashiny [Journal of Abstracts. Separate Issue 43. Manufacture of Construction Equipment and Road Machinery, Mining Machinery]
Ref. zhur. Otd. vyp. 44: Trakt. i sel'khoz. mash. (16g)	Referativnyi zhurnal. Otdel'nyi vypusk 44: Traktory i sel'skokhoziaistvennye mashiny [Journal of Abstracts, Separate Issue 44: Tractors and Agricultural Machinery]
Ref. zhur. Otd. vyp. 45: Trub. transp. (16g)	Referativnyi zhurnal. Otdel'nyi vypusk 45: Truboprovodnyi transport [Journal of Abstracts. Separate Issue 45: Pipeline Transportation]
Ref. zhur. Otd. vyp. 46: Foto-kinoapp. i opt. prib. (16g)	Referativnyi zhurnal. Otdel'nyi vypusk 46: Foto-kinoapparatura i opticheskie pribory [Journal of Abstracts. Separate Issue 46: Photographic and Motion-Picture Equipment and Optical Instruments]
Ref. zhur. Otd. vyp. 47: Khim. mashinostr. (16c)	Referativnyi zhurnal. Otdel'nyi vypusk 47: Khimicheskoe mashinostroenie [Journal of Abstracts. Separate Issue 47: Chemical Machinery Manufacture]
Ref. zhur.: Prom. transp. (16g)	Referativnyi zhurnal: Promyshlennyi transport [Journal of Abstracts: Industrial Transportation]
Ref. zhur.: Stroi. i arkhit. (16d)	Referativnyi zhurnal: Stroitel'stvo i arkhitektura [Journal of Abstracts: Construction and Architecture]
Ref. zhur.: Vod. transp. (17b)	Referativnyi zhurnal: Vodnyi transport [Journal of Abstracts: Water Transportation]
Ref. zhur.: Vozd. transp. (16b)	Referativnyi zhurnal: Vozdushnyi transport [Journal of Abstracts: Air Transportation]
Ref. zhur.: Zhel. dor. transp. (16g)	Referativnyi zhurnal: Zheleznodorozhnyi transport [Journal of Abstracts: Railroad Transportation]
Sakh. prom. (16c)	Sakharnaia promyshlennost' [Sugar Industry]
Sbor. Muz. ant. i etn. (12a)	Akademiia nauk SSSR. Muzei antropologii i etnografii. Sbornik [Academy of Sciences of the U. S. S. R. Museum of Anthropology and Ethnography. Annals]
Sbor. nauch. rab. AKKH (16d)	Akademiia kommunal'nogo khoziaistva. Sbornik nauchnykh rabot [Academy of Communal Economy. Papers]
Sbor. nauch. rab. Kaf. akush. i gin. GMI (14b)	‡Gorkiy. Gor'kovskii gosudarstvennyi meditsinskii institut. Kafedra akusherstva i ginekologii. Sbornik nauchnykh rabot [Gorkiy State Medical Institute. Department of Obstetrics and Gynecology. Papers]
Sbor. perev. mat. iz inostr. period. lit. po vop. avt. transp. (16g)	Avtomobil'nyi transport za rubezhom; *sbornik perevodnykh* materialov iz inostrannoi periodicheskoi literatury po voprosam avtomobil'nogo transporta [Automotive Transportation Abroad; Translations of Foreign Periodical Literature on Problems of Automotive Transportation]
Sbor. st. po kart. (12b)	Sbornik statei po kartografii [Collected Papers on Cartography]
Sem'ia i shkola (8a)	Sem'ia i shkola [Family and School]
Shakht. stroi. (16h)	Shakhtnoe stroitel'stvo [Mine Construction]
Shkola i proizv. (8a)	Shkola i proizvodstvo [School and Production]
Shkola-int. (8a)	Shkola-internat [Boarding School]
Shvein. prom. (16f)	Shveinaia promyshlennost' [Clothing Industry]
Sib. mat. zhur. (13e)	Sibirskii matematicheskii zhurnal [Siberian Mathematical Journal]
Smena (5e)	Smena [The Younger Generation]
Soob. AN Gruz. SSR (1a)	Akademiia nauk Gruzinskoi SSR, Tiflis. Soobshcheniia [Academy of Sciences of the Georgian S. S. R. Reports, Russian language edition]
Soob. Gos. Erm. (10a)	Leningrad. Ermitazh. Soobshcheniia [Hermitage. Reports]
Sots. obesp. (5e)	Sotsial'noe obespechenie [Social Security]
Sots. trud. (5d)	Sotsialisticheskii trud [Socialist Labor]
Sots. zakon. (7)	Sotsialisticheskaia zakonnost' [Socialist Legality]

Sov. bibl. (2a)	Sovetskaia bibliografiia [Soviet Bibliography]
Sov. deput. trud. (6)	Sovety deputatov trudiashchikhsia [Soviets of Workers' Deputies]
Sov. etn. (12a)	Sovetskaia etnografiia [Soviet Ethnography]
Sov. foto (16c)	Sovetskoe foto [The Soviet Photograph]
Sov. geol. (12c)	Sovetskaia geologiia [Soviet Geology]
Sov. ges. i pravo (7)	Sovetskoe gosudarstvo i pravo [The Soviet State and Law]
Sov. iust. (7)	Sovetskaia iustitsiia [Soviet Justice]
Sov. med. (14a)	Sovetskaia meditsina [Soviet Medicine]
Sov. muz. (9b)	Sovetskaia muzyka [Soviet Music]
Sov. pech. (11b)	Sovetskaia pechat' [Soviet Press]
Sov. pedag. (8a)	Sovetskaia pedagogika [Soviet Pedagogy]
Sov. potreb. koop. (5b)	Sovetskaia potrebitel'skaia kooperatsiia [Soviet Consumer Cooperation]
Sov. profsoiuzy (5d)	Sovetskie profsoiuzy [Soviet Trade Unions]
Sov. torg. (5a)	Sovetskaia torgovlia [Soviet Commerce]
Sov. Ukr. (11b)	Sovetskaia Ukraina [Soviet Ukraine]
Sov. voin (17a)	Sovetskii voin [Soviet Soldier]
Sov. zdrav. Kir. (14a)	Sovetskoe zdravookhranenie Kirgizii [Soviet Health Service of Kirghizia]
Standartizatsiia (16a)	Standartizatsiia [Standardization]
Starsh. — serzh. (17a)	Starshina - serzhant [Noncommissioned Officers]
Stroi. i arkhit. Mosk. (10b)	Stroitel'stvo i arkhitektura Moskvy [Construction and Architecture in Moscow]
Stroi. i dor. mash. (16g)	Stroitel'nye i dorozhnye mashiny [Road and Construction Machinery]
Stroi mekh. i rasch soor. (16d)	Stroitel'naia mekhanika i raschet sooruzhenii [Structural Mechanics and Construction Calculations]
Stroi. truboprov. (16h)	Stroitel'stvo truboprovodov [Pipeline Construction]
Sud. -med. ekspert. (14a)	Sudebno-meditsinskaia ekspertiza [Medicolegal Examination]
Sudostroenie (17b)	Sudostroenie [Shipbuilding]
Svar. proizv. (16f)	Svarochnoe proizvodstvo [Welding Practice]
Svetotekhnika (16a)	Svetotekhnika [Illuminating Engineering]
Teatr (9c)	Teatr [The Theater]
Tekh. v sel'khoz. (16a)	Tekhnika v sel'skom khoziaistve [Machinery in Agriculture]
Teor. i prak. fiz. kul't. (8b)	Teoriia i praktika fizicheskoi kul'tury [Theory and Practice of Physical Education]
Teploenergetika (16g)	Teploenergetika [Heat Engineering]
Torf. prom. (16h)	Torfianaia promyshlennost' [Peat Industry]
Trakt. i sel'khoz. -mash. (16g)	Traktory i sel'khozmashiny [Tractors and Agricultural Machinery]
Tren. i izn. v mash. (16g)	Trenie i iznos v mashinakh [Friction and Wear in Machines]
Trudy AN Tadzh. SSR (1a)	Akademiia nauk Tadzhikskoi SSR, Stalinabad. Trudy [Academy of Sciences of the Tajik S.S.R. Transactions]
Trudy AZVI (15b)	Alma-Ata, Zooveterinarnyi institut. Trudy [Zootechnical and Veterinary Institute. Transactions]
	Trudy [Academy of Sci- es. Transactions]
	hno-issledovatel'skii ry. Trudy [Chechen- ory, Language, and
	nicheskii sad, en. Transactions]
	nitage. Transactions]
	, Yakutsk. Trudy, of Sciences of the tions. Economic
	i rudnykh mesto- i geokhimii. Trudy R. Institute of the , Mineralogy, and
	lis. Institut es of the Georgian ansactions]
	na-Ata. Institut of Sciences of the g. Transactions]
Trudy Inst. iad. fiz. AN Kazakh. SSR (13f)	Akademiia nauk Kazakhskoi SSR, Alma-Ata. Institut iadernoi fiziki. Trudy [Academy of Sciences of the Kazakh S.S.R. Institute of Nuclear Physics. Transactions]
Trudy Inst ist., arkheol i etn. AN Kazakh. SSR (4a)	Akademiia nauk Kazakhskoi SSR, Alma-Ata. Institut istorii, arkheologii i etnografii. Trudy [Academy of Sciences of the Kazakh S.S.R. Institute of History, Archaeology, and Ethnography. Transactions]
Trudy Inst ist, arkheol i etn AN Tadzh SSR (4a)	Akademiia nauk Tadzhikskoi SSR, Stalinabad. Institut istorii, arkheologii i etnografii. Trudy [Academy of Sciences of the Tajik S.S.R. Institute of History, Archaeology, and Ethnology. Transactions]
Trudy Inst. khim. AN Tadzh. SSR (13d)	Akademiia nauk Tadzhikskoi SSR, Stalinabad. Institut khimii. Trudy [Academy of Sciences of the Tajik S.S.R. Institute of Chemistry. Transactions]
Trudy Inst. klin i eksp khir AN Kazakh. SSR (14h)	Akademiia nauk Kazakhskoi SSR, Alma-Ata. Institut klinicheskoi i eksperimental'noi khirurgii. Trudy [Academy of Sciences of the Kazakh S.S.R. Institute of Clinical and Experimental Surgery. Transactions]
Trudy Inst. lesa i drev. (15c)	ǂAkademiia nauk SSSR, Sibirskoe otdelenie. Institut lesa i drevesiny. Trudy [Academy of Sciences of the U.S.S.R. Siberian Department. Institute of Forest and Wood. Transactions]
Trudy Inst. mikrobiol. i virus. AN Kazakh SSR (13c)	Akademiia nauk Kazakhskoi SSR, Alma-Ata. Institut mikrobiologii i virusologii. Trudy [Academy of Sciences of the Kazakh S.S.R. Institute of Microbiology and Virology. Transactions]
Trudy Inst. min., geokhim. i kristallokhim. red. elem. (12c)	Akademiia nauk SSSR. Institut mineralogii, geokhimii i kristallokhimii redkikh elementov. Trudy [Academy of Sciences of the U.S.S.R. Institute of the Mineralogy, Geochemistry, and Crystallography of Rare Elements. Transactions]
Trudy Inst. okean. (12b)	Akademiia nauk SSSR. Institut okeanologii. Trudy [Academy of Sciences of the U.S.S.R. Institute of Oceanography. Transactions]
Trudy Inst. sad. AN Tadzh. SSR (15d)	ǂAkademiia nauk Tadzhikskoi SSR, Stalinabad. Institut sadovodstva. Trudy [Academy of Sciences of the Tajik S.S.R. Institute of Horticulture. Transactions]
Trudy Inst. vys. nerv. deiat Ser. patofiziol. (14c)	Akademiia nauk SSSR. Institut vysshei nervnoi deiatel'nosti. Trudy. Seriia patofiziologicheskaia [Academy of Sciences of the U.S.S.R. Institute of the Higher Nervous Function. Transactions. Pathophysiological Series]
Trudy Kazan. fil. AN SSSR. Ser. geol. nauk (12c)	Akademiia nauk SSSR. Kazanskii filial. Trudy. Seriia geologicheskikh nauk [Academy of Sciences of the U.S.S.R. Kazan Branch. Transactions. Series in the Geological Sciences]
Trudy LTI (16a)	Leningrad. Tekhnologicheskii institut. Trudy [Technological Institute. Transactions]
Trudy Lab geol. ugl (16h)	Akademiia nauk SSSR. Laboratoriia geologii uglia. Trudy [Academy of Sciences of the U.S.S.R. Laboratory of the Geology of Coal. Transactions]
Trudy Lab. gidrogeol. probl. (12c)	Akademiia nauk SSSR. Laboratoriia gidrogeologicheskikh problem. Trudy [Academy of Sciences of the U.S.S.R. Laboratory for Hydrogeological Problems. Transactions]
Trudy Lab. vulk. (12c)	Akademiia nauk SSSR. Laboratoriia vulkanologii. Trudy [Academy of Sciences of the U.S.S.R. Laboratory of Volcanology. Transactions]
Trudy MATI (16b)	Moscow. Aviatsionnyi tekhnologicheskii institut. Trudy [Technological Institute of Aeronautics. Transactions]
Trudy MFTI (16a)	Moscow. Fiziko-tekhnicheskii institut. Trudy [Institute of Technical Physics. Transactions]
Trudy MIMESKH (16e)	Moscow. Institut mekhanizatsii i elektrifikatsii sel'skogo khoziaistva. Trudy [Institute of Farm Mechanization and Electrification. Transactions]
[Trudy] MVTU (16a)	Moscow. Moskovskoe vysshee tekhnicheskoe uchilishche. (Trudy) [Moscow Technical College. (Transactions)]
Trudy NII prom. zdan. i soor. (16d)	Akademiia stroitel'stva i arkhitektury SSSR. Institut promyshlennykh zdanii i sooruzhenii. Trudy [Academy of Construction and Architecture of the U.S.S.R. Institute of Industrial Buildings and Structures. Transactions]
Trudy NPI (16a)	Novocherkassk. Politekhnicheskii institut. Trudy [Polytechnic Institute. Transactions]
Trudy OmSKhI (15a)	Omsk. Sel'skokhoziaistvennyi institut. Trudy [Agricultural Institute. Transactions]
Trudy SBS (13c)	Akademiia nauk SSSR. Sevastopol'skaia biologicheskaia stantsiia. Trudy [Academy of Sciences of the U.S.S.R. Sevastopol Biological Station. Transactions]
Trudy SNIIGGIMS (12c)	Sibirskii nauchno-issledovatel'skii institut geologii, geofiziki i mineral'nogo syr'ia. Trudy [Siberian Scientific Research Institute of Geology, Geophysics, and Mineral Resources. Transactions]
Trudy Sem. po gor. teplotekh. (16h)	ǂSeminar po gornoi teplotekhnike. Trudy [Seminar on Mining Heat Balance Engineering. Transactions]
Trudy Semipal. med. inst. (14a)	ǂSemipalatinsk. Meditsinskii institut. Trudy [Medical Institute. Transactions]
Trudy Sred. -Az. nauch. -issl. gidrometeor. inst. (13f)	Sredneaziatskii nauchno-issledovatel'skii gidrometeorologicheskii institut. Trudy [Central Asia Hydrometeorological Research Institute. Transactions]
Trudy TIIIMSKH (16d)	ǂTashkent. Institut inzhenerov irrigatsii i mekhanizatsii sel'skogo khoziaistva. Trudy [Institute of Irrigation and Farm Mechanization Engineers. Transactions]

Trudy TSNII MPS (16g)	Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. Trudy [All-Union Scientific Research Institute of Railroad Transportation. Transactions]
Trudy TSNIIME (15c)	Khimki. TSentral'nyi nauchno-issledovatel'skii institut mekhanizatsii i energetiki lesnoi promyshlennosti. Trudy [Central Scientific Research Institute of Mechanization and Use of Power in Lumbering. Transactions]
Trudy TSNIISK (16d)	Akademiia stroitel'stva i arkhitektury SSSR. Institut stroitel'nykh konstruktsii. Trudy [Academy of Construction and Architecture of the U.S.S.R. Institute of Construction Design. Transactions]
Trudy TSSBS (13c)	Akademiia nauk SSSR. Sibirskoe otdelenie. TSentral'nyi sibirskii botanicheskii sad. Trudy [Academy of Sciences of the U.S.S.R. Siberian Department. Central Siberian Botanical Garden. Transactions]
Trudy VNAIZ (16e)	Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zvukozapisi. Trudy [All Union Scientific Research Institute of Sound Recording. Transactions]
Trudy VNIGRI (12c)	Leningrad. Vsesoiuznyi neftianoi nauchno-issledovatel'skii geologorazvedochnyi institut. Trudy [All-Union Petroleum Geological Prospecting Institute. Transactions]
Trudy VNII (16h)	Vsesoiuznyi neftegazovyi nauchno-issledovatel'skii institut. Trudy [All-Union Scientific Research Institute of Petroleum and Natural Gas. Transactions]
Trudy VSEGEI (12c)	Leningrad. Vsesoiuznyi geologicheskii institut. Trudy [All-Union Geological Institute. Transactions]
Trudy Vses. inst. sel'khoz. mikrobiol. (15a)	Leningrad. Vsesoiuznyi nauchno-issledovatel'skii institut sel'skokhoziaistvennoi mikrobiologii. Trudy [All-Union Scientific Research Institute of Agricultural Microbiology. Transactions]
Trudy Vost.-Sib. fil. AN SSSR (1a)	Akademiia nauk SSSR. Vostochno-Sibirskii filial, Irkutsk. Trudy [Academy of Sciences of the U.S.S.R. East Siberian Branch. Transactions]
TSvet. met. (16h)	TSvetnye metally [Nonferrous Metals]
TSitologiia (13c)	TSitologiia [Cytology]
Zakonom. razm. polezn. iskop. (12c)	Zakonomernosti razmeshchenita poleznykh iskopaemykh [Characteristics of the Distribution of Mineral Resources]
Zav. lab. (15h)	Zavodskaia laboratoriia [The Factory Laboratory]
Zdorov'e (14a)	Zdorov'e [Health]
Zdrav. Kazakh. (14a)	Zdravookhranenie Kazakhstana [Health Service of Kazakhstan]
Zdrav. Ros. Feder. (14a)	Zdravookhranenie Rossiiskoi Federatsii [Health Service of the Russian Federation]
Zdrav. Tadzh. (14a)	Zdravookhranenie Tadzhikistana [Health Service of Tajikistan]
Zdrav. Turk. (14a)	Zdravookhranenie Turkmenistana [Health Service of Turkmenistan]
Zdravookhranenie (14a)	Zdravookhranenie [Health Service]
Zemledelie (15d)	Zemledelie [Agriculture]
Zhel. dor. transp. (16g)	Zheleznodorozhnyi transport [Railroad Transportation]
Zhur. anal. khim. (13d)	Zhurnal analiticheskoi khimii [Journal of Analytical Chemistry]
Zhur. eksp. i teor. fiz. (13f)	Zhurnal eksperimental'noi i teoreticheskoi fiziki [Journal of Experimental and Theoretical Physics]
Zhur. mikrobiol., epid. i immun. (14a)	Zhurnal mikrobiologii, epidemiologii i immunobiologii [Journal of Microbiology, Epidemiology, and Immunobiology]
Zhur. Mosk. Patr. (3b)	Orthodox Eastern Church, Russian. Patriarch. Zhurnal Moskovskoi Patriarkhii [Journal of the Moscow Patriarchate]
Zhur. neorg. khim. (13d)	Zhurnal neorganicheskoi khimii [Journal of Inorganic Chemistry]
Zhur. nevr. i psikh. (14c)	Zhurnal nevropatologii i psikhiatrii [Journal of Neuropathology and Psychiatry]
Zhur. ob. khim. (13d)	Zhurnal obshchei khimii [Journal of General Chemistry]
Zhur. prikl. khim. (16c)	Zhurnal prikladnoi khimii [Journal of Applied Chemistry]
Zhur. tekh. fiz. (16a)	Zhurnal tekhnicheskoi fiziki [Journal of Technical Physics]
Zhur. VKHO (13d)	Vsesoiuznoe khimicheskoe obshchestvo imeni D. I. Mendeleeva. Zhurnal [D. I. Mendeleev All-Union Chemical Society. Journal]
Znamia (11b)	Znamia [The Banner]
Znan. sila (13a)	Znanie - sila [Knowledge is Power]
Znan. ta pratsia (13a)	Znannia ta pratsia [Knowledge and Work]. In Ukrainian.
Zool. zhur. (13c)	Zoologicheskii zhurnal [Zoological Journal]
Uch. zap. IMO (6)	Moscow. Institut mezhdunarodnykh otnoshenii. Uchenye zapiski [Institute of International Relations. Studies]
Uch. zap. Kab.-Balk. gos. un. (1a)	Nalchik. Kabardino-Balkarskii gosudarstvennyi universitet. Uchenye zapiski [Kabardino-Balkar State University. Studies]
Uch. zap. Kazakh. un. (1a)	Alma-Ata. Universitet. Uchenye zapiski [University. Studies]
Uch. zap. MGPI (1a)	Moscow. Moskovskii gosudarstvennyi pedagogicheskii institut. Uchenye zapiski [Moscow State Pedagogical Institute. Studies]
Uchet i fin. v kolkhoz. i sovkhoz. (5b)	Uchet i finansy v kolkhozakh i sovkhozakh [Accounting and Finance on Collective and State Farms]
Ukr. bot. zhur. (13c)	Ukrains'kyi botanichnyi zhurnal [Ukrainian Botanical Journal]. In Ukrainian.
Ukr. mova v shkoli (11a)	Ukrains'ka mova v shkoli [Ukrainian Language in Schools]. In Ukrainian.
Ukraina (1b)	Ukraina [The Ukraine]. In Ukrainian.
Urologiia (14a)	Urologiia [Urology]
Usp. fiz. nauk (13f)	Uspekhi fizicheskikh nauk [Progress in the Physical Sciences]
Uzb. biol. zhur. (13c)	Uzbekskii biologicheskii zhurnal [Uzbek Biological Journal]
Uzb. geol. zhur. (12c)	Uzbekskii geologicheskii zhurnal [Uzbek Geological Journal]
Ved. Verkh. Sov. SSSR (6)	Russia (1923- U.S.S.R.) Verkhovnyi Sovet. Vedomosti [Supreme Soviet. Gazette]
Vest. AMN SSSR (14a)	Akademiia meditsinskikh nauk SSSR, Moscow. Vestnik [Academy of Medical Sciences of the U.S.S.R. Journal]
Vest. derm. i ven. (14l)	Vestnik dermatologii i venerologii [Review of Dermatology and Venereology]
Vest. elektroprom. (16e)	Vestnik elektropromyshlennosti [Review of the Electrical Industry]
Vest. khir. (14h)	Vestnik khirurgii [Review of Surgery]
Vest. LGU (1a)	Leningrad. Universitet. Vestnik [University. Review]
Vest. mashinostr (16g)	Vestnik mashinostroeniia [Machine-Building Review]
Vest. Mosk. un. Ser. 2. Khim. (13d)	Moscow. Universitet. Vestnik. Seriia 2: Khimiia [University. Review. Series 2. Chemistry]
Vest. Mosk. un. Ser. 7: Filol., zhur. (11b)	Moscow. Universitet. Vestnik. Seriia 7. Filologiia, zhurnalistika [University. Review. Series 7: Philology, Journalism]
Vest. oft. (14d)	Vestnik oftalmologii [Review of Ophthalmology]
Vest. rent. i rad. (14a)	Vestnik rentgenologii i radiologii [Review of Roentgenology and Radiology]
Vest. sel'khoz. nauki (15a)	Vestnik sel'skokhoziaistvennoi nauki [Review of Agricultural Science]
Vest. sviazi (16e)	Vestnik sviazi [Communications Review]
Vest. TSNII MPS (16g)	Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. Vestnik [All-Union Scientific Research Institute of Railroad Transportation. Journal]
Vest. vys. shkoly (9a)	Vestnik vysshei shkoly [Review of Schools for Higher Education]
Vestsi AN BSSR. Ser. hram. nav. (1a)	Akademiia navuk BSSR, Minsk. Seryia hramadskikh navuk [Academy of Sciences of the White Russian S. S. R. Bulletin. Series in the Social Sciences]. In White Russian.
Veterinariia (15b)	Veterinariia [Veterinary Medicine]
Visnyk sil'hosp. nauky (15a)	Visnyk sil's'kohospodars'koi nauky [Review of Agricultural Science]. In Ukrainian.
Vneshn. torg. (5a)	Vneshniaia torgovlia [Foreign Trade]
Voen.-ist. zhur. (4a)	Voenno-istoricheskii zhurnal [Military History Journal]
Voen. vest. (17a)	Voennyi vestnik [Military Review]
Voen. znan. (17a)	Voennye znaniia [Military Knowledge]
Voiov. ateist (3b)	Voiovnychyi ateist [Militant Atheist]
Vokrug sveta (12b)	Vokrug sveta [Around the World]
Vop. arkh. (4a)	Voprosy arkhivovedeniia [Problems of Archives]
Vop. ekon. (5b)	Voprosy ekonomiki [Problems of
Vop. filos. (3a)	Voprosy filosofii [Problems of Phi
Vop. gidr. (16d)	Voprosy gidrotekhniki [Problems
Vop. ist. est. i tekh. (13a)	Voprosy istorii estestvoznaniia i te the History of Natural Science an
Vop. ist. KPSS (6)	Voprosy istorii KPSS [Problems c Communist Party of the Soviet U
Vop. lit. (11b)	Voprosy literatury [Problems of l
Vop. med. khim. (14f)	Voprosy meditsinskoi khimii [Pro istry]
Vop. onk. (14a)	Voprosy onkologii [Problems of O
Vop. pat. krovi i krovoobr. (14o)	[Voprosy patologii krovi i krovoobr of the Pathology and Circulatior
Vop. prikl. gir. (16g)	[Voprosy prikladnoi giroskopii [Pr Gyroscopy]
Vop. psikhol. (3a)	Voprosy psikhologii [Problems of
Vop. rud. geofiz. (16h)	Voprosy rudnoi geofiziki [Proble Prospecting]
Vych. mat. (13e)	Vychislitel'naia matematika [Con
Vysokom. soed. (13d)	Vysokomolekuliarnye soedineniia Compounds]

ACTH
ACTH in the treatment of Tuberculous meningitis and miliary tuberculosis in children K P. Salganik. Sov. med 25 no. 1:137-139 Ja '62

ABANDONMENT OF FAMILY see Desertion and non-support

ABDOMEN—DISEASES
Abdominal syndrome in the clinical picture of Schoenein-Henoch disease. A.A.Mikhaĭliants. Klin. med. no.9, 129-132 '61.
Rupture of the heart and dissecting aneurysm of the aorta simulating acute abdomen. A P. Podonenko . Nov.khir. arkh. no.3:76-77 '62.
Total protein and protein fractions in the blood serum in some acute surgical diseases of the organs of the abdominal cavity of an inflammatory nature. S.A. Karpiuk. Nov.khir.arkh. no.3:65-70 '62.

ABDOMEN—SURGERY
Emergency repeated laparotomy A A. Belisev, L V. Zolotov. Vest khir no.4 20-27 '62.

ABDOMEN—TUMORS
Two cases of abdominal pregnancy diagnosed as tumor of the abdominal cavity V. T. Smol'kov. Zdrav. Kazakh. 22 no. 2:75-76 '62.

ABDOMEN—WOUNDS AND INJURIES
Acute cholecystitis following closed injury of the abdomen. G N. Akzhigitov Khirurgiia 37 no. 7-134 Jl '61.
Case of subcutaneous avulsion of the mesentery of the small intestine without disorder of its integrity in a closed injury to the abdomen. I I. Krivenko. Trudy Semipal. med. inst. 2-353-354 '59.
Chronic choleperitoneum following an undiagnosed liver rupture caused by blunt injury of the abdomen V. A Redin, E. A Fedorov Khirurgiia 37 no 7 133-134 Jl '61.

ABDOMINAL ANEURYSM
Aneurysm of the abdominal aorta as a result of the spread of suppuration from the focus into the area of the kidney. G. Vrejoiu, A. Mikhail, E. Popescu. Arkh. pat. no. 4;82-84 '52.

ABDOMINAL AORTA—ABNORMITIES AND DEFORMITIES
Rare case of anomaly of development of the blood vessels (aneurysms of the renal arteries and structure of the abdominal aorta) [with summary in English] N. A Nemirovskaia Arkh pat no. 7;80-82 '61.

ABELIAN GROUPS
Direct summands of total direct sums of torsion-free Abelian groups of rank 1. A. P. Mishina. Sib. mat. zhur. 3 no. 2:244-249 Mr-Ap '62.

ABKHAZIA—INDUSTRIAL MANAGEMENT
Volunteers' aid is urgently needed. M. Karasik. Fin. SSSR 23 no 4:56-57 Ap '62.

ABNORMALITIES (ANIMALS)
Cases of abnormality in newborn animals. L. T. Andriiach, V.D.Stepaniuk. Veterinariia 38 no.1;59-61 Ja '61.

ABORTION
New method of anesthesia in operations for artificial abortion. D. V. Pozhorodnyk. Ped., akush. i gin. 23 no. 5;49-50 '61.
Sodium thiopental intravenous anesthesia in operations for artificial abortion. M. M. Mosichuk. Ped., akush. i gin. 23 no. 6;50-51 '61.
Treatment of febrile [infectious] abortion. G. K. Cherepakhin. Sbor. nauch. rab. Kaf. akush. i gin GMI no. 1: 169-172 '60.
Use of serichine in outpatient abortions. IU. A. Vinogradova. Sbor. nauch. rab. Kaf. akush. i gin. GMI no. 1: 173-175 '60

ABORTION—COMPLICATIONS AND SEQUELAE
Method for managing patients with perforation of the uterus. V. I. Fareniuk. Sov. med. 25 no. 1;140-142 Ja '62.

ABORTION IN ANIMALS
Abortions in swine caused by leptospiroses. P.I.Salei, K.A.Shitov, S.I.Solov'ev. Veterinariia 37 no. 8;39-40 Ag '60.
Diagnosis of vibriosis in cattle. E.I Drapaliuk Veterinariia 37 no 12 28-29 D '60.
Viral abortion in sheep, a survey of foreign literature. M.F Serov. Veterinariia 37 no 10 78-82 O '60.

ABRASION
Correlation between the resistance in abrasion wear and the strength of metals M. M. Khrushchov Zav. lab. 28 no 3;351-356 '62.

ABSENCE AND PRESUMPTION OF DEATH
More about Article 12 of the civil code of the R. S. F. S. R. Sov. iust. no. 5;26-27 Mr '62.

ABSORPTION
Absorption of ammonia by water S A Krashenunnikov, B M Beglov Izv vys ucheb zav. ,khim. i khim. tekh 5 no 1 160-165 '62.
Advanced stage of drying of transformer oils by the adsorption method. N. V. Kelitsev, B. G. Nazarov, N.S.Torocheshnikov. Khim. i tekh. topl. i masel 7 no.4:21-24 Ap '62.

ABSORPTION (PHYSIOLOGY)
Absorptive functions of the digestive apparatus following partial resection of the small intestine. Report No. 1. Water and glucose absorption following resection of the upper or lower half of the small intestine [with summary in English]. L. A. Shchekun. Biul. eksp. biol. i med. 53 no.4;61-64 Ap '62.
Isotope method for the determination of fat assimilation [with summary in English]. VI. Grashina and others. Vop. med. khim. 8 no. 2;214-217 Mr-Ap '62.
Reflex changes in the vessels of the mucous membrane of the small intestine and in the activity of the villi during the process of absorption. N.A. Bannikova. Fiziol. zhur. 48 no. 3 324-330 Mr '62.

ABSORPTION OF SOUND
Absorption of ultrasonic waves in viscous liquids at high frequencies. A. A. Berdyev, M. G. Vasil'eva. Izv. AN Turk SSR. Ser. fiz.-tekh., khim. i geol nauk no. 2;3-12 '62.

ABSTINENCE see Fasting

ABSTRACT METRICS see Distance geometry

ABSTRACTION
Process of elementary abstraction in the lower monkeys [with summary in English]. A. IA. Markova. Vop. psikhol. 8 no. 1;121-133 Ja-F '62.

ABU SIMBEL—TEMPLES
The fate of the treasures in the Nubian dessert. A. Bogdanov. Neva no. 1;220-221 '62.

ACADEMIC DISSERTATIONS see Dissertations, Academic

ACADEMY OF SCIENCES OF THE U. S. S. R.
Activities of the Institute of the Peoples of Asia of the Academy of Sciences of the U. S. S. R. K. Malakhovskii. Nar Azii i Afr. no. 2;256-259 '62.
History of the "Committee of the Academy of Sciences of the U. S. S. R. for the Mobilization of Resources in the Ural Mountain Region, Western Siberia, and Kazakhstan for the Defense of the Country." M. K. Kozybaev. Izv. AN Kazakh. SSR. Ser. ist., arkheol. i etn. no. 1: 62-69 '62.

ACADEMY OF SCIENCES OF THE WHITE RUSSIAN S. S. R.
Brief news. Vestsi AN BSSR, Ser. hram. nav. no. 1;143 '62.

ACCELERATION (PHYSIOLOGY)
Effect on the animal organism of oxygen deficiency and prolonged radial accelerations [with summary in English]. N.A.Agadzhanian, A.R.Mansurov. Biul. eksp. biol. i med. 53 no.4;42-46 Ap '62.

ACCELERATORS, ELECTRON see Particle accelerators

ACCELEROMETERS
Dynamic error of accelerometers. A. M. Nasyrov. Priborostroenie no. 3;10-12 Mr '62.

ACCESS TO BOOKS IN LIBRARIES see Open and closed shelves

ACCIDENT INSURANCE see Insurance, Accident

ACCIDENT LAW
Beliakova, A. M. [Liability for personal injuries] Vozmeshchenie vreda, prichinennogo uvech'em. [Moskva] Izd-vo Mosk. univ., 1961. 44 p.

ACCLIMATIZATION
(see also subdivision under Antarctic regions)
Persistence of resistance (on deadaptation) [with summary in English]. B.B.Koiranskii. Gig. i san. 27 no. 3;22-26 Mr '62.

ACCLIMATIZATION—CONGRESSES
Health protection for man under the conditions in the Far North. G.P.Tudnov, I.P.Novikov. Vest. AMN SSSR 17 no. 3;83-89 '62.

ACCOUNTING
(see also subdivision under United States)
Cheikasskii, IA. S. [Simplifying and reducing reports of industrial enterprises further] O dal'neishem uproshchenii i sokrashchenii otchetnosti promyshlennykh predpriiatii; stenogramma doklada. Leningrad, 1961. 23 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Seriia: Ekonomika i organizatsiia proizvodstva, no. 8)
Defense of a doctoral dissertation Bukhg. uchet 19 no. 3;56-58 Mr '62.
"Economic analysis of the work of an enterprise" by A Sh. Margulis. Book review. Bukhg. uchet 19 no. 3 66-72 Mr '62.
In the Methodological Council. Bukhg. uchet 19 no. 3, 73-77 Mr '62.
Introduce a standard accounting method for production expenditures. Bukhg. uchet 19 no. 4.1-5 Ap '62.
Organization of the accounting for material and ways to improve it further. A. Dodonov. Bukhg uchet 19 no. 3, 15-23 Mr '62.
Review of newspapers. Bukhg. uchet 19 no. 3;49-53 Mr '62.
Review of newspapers. Bukhg. uchet 19 no. 4;54-58 Ap '62.
Role of accounting in carrying-out the decisions of the 22d Congress of the CPSU. Bukhg. uchet 19 no. 4 72-73 Ap '62.
Soslavinskii, I. S. [The ABC of accounting] Azbuka bukhgalterii. [Moskva] Mosk. rabochii, 1962. 125 p.
Sibiriakov, L. E. [Accounting for the utilization of materials in production] Uchet ispol'zovaniia materialov v proizvodstve. Moskva, Gosfinizdat, 1961. 81 p. (Biblioteka bukhgaltera)
Special features of the evaluation of the balances of foreign trade agencies. A. F. Mukhin. Uch. zap. IMO no. 4;257-270 '61.
Standard accounting method for production expenditures. N. Chuiko. Bukhg. uchet 19 no. 4;11-16 Ap '62.

ACCOUNTING—AUDIO-VISUAL AIDS
Russia (1923- U. S. S. R.) Upravlenie podgotovki kadrov schetnykh rabotnikov. [Album of charts, documents, accounting registers and graphs for the course on "Accounting in industry"; textbook. Subject: "Materials accounting"] Al'bom skhem, dokumentov, uchetnykh registrov, dokumentogramma po kursu "Bukhgalterskii uchet v promyshlennosti"; uchebnoe posobie. Tema "Uchet materialov." Moskva, Gosstatizdat, 1961. 47 p.

ACCOUNTING—BIBLIOGRAPHY see Bibliography—Accounting

ACCOUNTING—CONGRESSES
Academic and production conference on the problems of improving accounting methods. Bukhg. uchet 19 no. 4 69-71 Ap '62.

ACCOUNTING—PERIODICALS
In the Collegium of the Ministry of Finance of the U.S.S.R. Fin. SSSR 23 no. 4;91-92 Ap '62.

ACCOUNTING—STUDY AND TEACHING
Some methodological problems in teaching the theory of accounting; the nature of liabilities and the double entry N. R. Veitsman. Uch. zap. IMO no. 4;207-223 '61.

ACCUSATION see Indictments

ACENAPHTHENE
Derivatives of acenaphthene containing a bis (β-chloroethyl)-amino group. I. IA. Postovskii, I. F. Lipatova. Zhur. ob. khim. 32 no. 4 1067-1068 Ap '62.
Determination of acenaphthylene in a mixture with acenaphthene. V. A. Balandina, Z. F. Davydova. Plast. massy no. 3:65-66 '62.
Preparation of 5-nitroacenaphthene and its reduction to aminoacenaphthene. A. I. Ivashchenko, V. P. Pivnenko, A. P. Nagornaia. Zhur. prikl. khim. 35 no. 4 886-889 Ap '62.

ACENAPHTHYLENE
Determination of acenaphthylene in a mixture with acenaphthene. V. A. Balandina, Z. F. Davydova. Plast. massy no. 3:65-66 '62.

ACETALS
Acetals and their identification in a thin layer by the chromatographic method. S. A. Kozo, L. I. Shepelenkova, F. M. Chernova. Masl.-zhir. prom. 28 no. 1, 32-33 Ja '62.
Chemistry of acetals. Report No. 10. Hydrolysis of tetraethylacetals of malonic and methylmalonic dialdehydes. L. A. IAnovskaia, V. F. Kucherov. Izv. AN SSSR, Otd. khim. nauk no. 4 667-674 Ap '62.

ACETIC ACID
Effectiveness of complecin and the CaNa2 salt of ethylenediaminic tetra-acetic acid in acute plumbate poisoning [with summary in English]. A. A. Rubanovskaia. Gig. truda i prof. zab. 4 no. 3 37-41 My '60.
Electrophylic addition of thioacetic acid to vinyl ethers. L. N. Prilezhaeva, N. P. Petukhova, M. F. Shostakovskii. Izv. AN SSSR, Otd. khim. nauk no. 4:728-729 Ap '62.
Experimental data on an antineoplastic preparation phenestrin [with summary in English]. I. F. Lapteonov, S. A. Degteva, N. A. Leonova. Vop. onk. 8 no. 4 12-14 '62.
Photometric determination of 2,4-dichlorophenoxyacetic acid with butyl rhodamine [with summary in English]. V. I. Kuznetsov, M. I. Gagarina. Zhur. anal. khim. 17 no. 2:235-240 Mr-Ap '62.
Role of bacterial leaven in regulating the process of acid formation in ensilage. Preserving properties of lactic and acetic acids. D. L. Shamis, K. A. Dilun. Trudy Inst. mikrobiol. i virus. AN Kazakh. SSR 5:51-57 '61.
Synthesis of precursors and fragments of antibiotics. Part 7. Carboxy derivatives of mercaptoacetic acid. M. S. Rubinovich and others. Zhur. ob. khim. 32 no. 4 1167-1172 Ap '62.

ACETOACETIC ACIDS
Interaction of ketene with nitrogen-containing bases. Part 11. Dichloro- and trichloroacetylation of amines. IU. V. Svetkin. Zhur. ob. khim. 32 no. 4:1037-1039 Ap '62.

ACETOBACTER
Action of the bacterial polysaccharide acetoxan on transplanted tumors. S. M. Navashin, A. I. Braude. Vest. AMN SSSR 17 no. 3:23-28 '62.

ACETONE
Certain reactions of hexafluoroacetone. I. L. Knuniants and others. Izv. AN SSSR, Otd. khim. nauk no. 4:681-682 Ap '62.
Hexafluoroacetone in the Wittig reaction. V. F. Plakhova, N. P. Gambaryan, Izv. AN SSSR, Otd. khim. nauk no. 4 681-684 Ap '62
Kinetics of acetone adsorption and desorption on commercial active coals. IU. D. Zhamenskii, V. M. Kisarov. Dokl. AN SSSR 143 no. 6:1156-1158 Ap '62
Mutual solubility in the four-component system water - acetone - ethanol - butanol. V. P. Solomko, V. P. Panasiuk, A. M. Zelenskaia. Zhur. prikl. khim. 35 no. 3 628-633 Mr '62.

ACETONEMIA
The fraction of ketone bodies in the blood of milk cows during metabolic disorders of the alimentary toxemia type. F. S. Polukhin. Veterinariia 37 no. 10:51-53 O '60.

ACETOXYLIDIDE
Effect of local anesthetics -- mesocaine and xylocaine -- on oxidative processes in the rat brain tissue. M. I. Kuzhman. Farm. toks. 25 no. 1:98-103 Ja-F '62.

ACETYLATION
Effect of the structure of viscose fibers on the degree of their acetylation. T. M. Afonina and others. Khim. volok. no. 2:30-33 '62.
Study of the acetylation of cellulose on the basis of changes of the electric conductivity of the acetylating mixture. E. L. Akim. Zhur. prikl. khim. 35 no. 3: 605-612 Mr '62.

ACETYLENE
Pyrolysis of gasoline vapors to acetylene and olefins in hydrogen plasma. D. T. Il'in, E. N. Eremin. Vest. Mosk. un. Ser. 2:Khim. 17 no. 2, 29-30 Mr-Ap '62.
Some problems in the production of acetylene and ethylene. O. P. Klymenko. Pyt. rozv. prod. syl L'viv. i Stan. ekon. adm. rai. no. 2:81-84 '61.
Synthesis of pseudocumene and prehnitene from acetylene derivatives. A. S. Zanina, I. L. Kotliarevskii. Trudy Vost.-Sib. fil. AN SSSR no. 38 142-145 '61.

ACETYLENE BLACK see Carbon black

ACETYLENE COMPOUNDS
Nikitin, V. I. [Tertiary glycerols of the acetylenic and ethylenic series and their transformations] Tretichnye glitseriny atsetilenovogo i etilenovogo riadov i ikh khimicheskie prevrashchenila. Dushanbe, Izd-vo Akad. nauk Tadzhikskoi SSR, 1961. 257 p. (Akademiia nauk Tadzhikskoi SSR, Dushanbe. Institut khimii. Trudy, vol. 4)
Synthesis of heteroorganic polymers with acetylenic bonds in their chain. V. V. Korshak, A. M. Sladkov, L. K. Laneva. Izv. AN SSSR, Otd. khim. nauk no. 4 728 Ap '62.

ACID-BASE EQUILIBRIUM
Acid-base equilibrium disorders in patients with psoriasis [with summary in English]. T. F. Glukhen'kii. Vest. derm. i ven. no. 6:20-23 '61.

ACIDS—HANDLING AND TRANSPORTATION
Individual protection against corrosive substances. S. A. Torgopov, P. G. Khaberov. Gig. truda i prof. zab. 4 no. 6 61 Je '60.

ACIDS, FATTY
Electrical insulation properties of lacquers based on condensed fatty acids. R. S. Kholodovskaia, K. I. Zabyrina, L. S. Smolenskii. Lakokras. mat. i ikh prim. no. 1 37-39 '62.
Extraction separation of iron by a mixture of fatty acids of the C_7 - C_9 fraction. S. E. Krasimer and others. Zav. lab. 28 no. 3:266-268 '62
Observations on D. V. Obolenko, N. IU. Prinishnikov and M. N. Vepritskaia's article "Properties and chemical composition of the vat residues of synthetic fatty acids." V. I. Babaev. Masl.-zhir. prom. 28 no. 3 17 Mr '62.

ACIDS, FATTY—ANALYSIS
Methods of determining the isoacids content of commercial fractions of C_{10}-C_{16} and C_{17}-C_{20} fatty acids. N. K. Manukovskaia, Z. I. Getmanskaia. Masl.-zhir. prom. 28 no. 3:29 Mr '62.

ACIDS, ORGANIC
Production of organic acids from the prehydrolysate of reed. G. O. Berezina. Trudy Inst. mikrobiol. i virus. AN Kazakh. SSR 5:77-80 '61.
Products of cleavage of phenol acids of wood-tar pitch by sodium in liquid ammonia. A. Kisliteyn, D. Tishchenko. Zhur. prikl. khim. 35 no. 3 648-656 Mr '62.
Syntheses based on ω-chloroalkanoic acids. Part 1. Preparation of unsaturated acids with a terminal double bond by the pyrolysis of ω-acetoxyalkanoic acids and their ethyl esters. V. G. Avramenko and others. Zhur. ob. khim. 32 no. 4:1119-1123 Ap '62.
Syntheses based on ω-chloroalkanoic acids. Part 2. Alkylation of some amines by ω-chloroalkanoic acids. V. G. Avramenko, B. IA. Fryzhev, G. V. Varvanina. Zhur. ob. khim. 32 no. 4:1123-1125 Ap '62.
Synthesis of pteridines from 4,5-diaminopyrimidines and aromatic α-keto acids. Part 3. Synthesis of some thiopteridines. S. N. Baranov, T. E. Gorizdra. Zhur. ob. khim. 32 no. 4:1220-1226 Ap '62.

ACORNS
Spread of Sclerotinia pseudotuberosa in acorns. G. V. Khrustalev. Les. khoz. 15 no. 4, 54 Ap '62.

ACOUSTICS see Hearing

ACQUISITIONS (LIBRARIES)
[New foreign books received by the library system of the Academy of Sciences of the U. S. S. R.] Nov. inostr. knigi, postup. v sist. bibl. AN SSSR nos. 110-118 '61.

ACROBATICS
Soiuz sportivnykh obshchestv i organizatsii SSSR. TSentral'nyi sovet. [Acrobatics; rules of competition] Akrobatika; pravila sorevnovanii. Moskva, Izd-vo "Fizkul'tura i sport," 1961. 52 p.

ACROLEIN
Chemistry of acetals. Report No. 11: Certain reactions of β-ethoxyacrolein and β,β-ethoxypropionaldehyde. L. A. IAnovskaia, V. F. Kucherov, B. G. Kovalev. Izv. AN SSSR, Otd. khim. nauk no. 4:674-681 Ap '62.

ACRYLIC ACID
Determining the unsaturation of mixed polyesters of the acrylic series. M. M. Mogilevich, M. I. Arkhipov. Lakokras. mat. i ikh prim. no. 1:57-60 '62.
Mechanism of the reduction and electrolytic reduction of acrylic acid on a Pd electrode. L. I. Kulakova, A. V. Shashkina. Vest. Mosk. un. Ser. 2:Khim. 17 no. 2:36-39 Mr-Ap '62.
Synthesis of allylacrylic acid and its esters. O. S. Stepanova. Zhur. ob. khim. 32 no. 4:1026-1029 Ap '62.

ACRYLONITRILE
Composition and intramolecular distribution of copolymers of acrylonitrile with butylvinylsulfonate and methacrylamide. V. S. Diurnbaum, A. D. Abkin, V. S. Klimenkov. Khim. volok. no. 2:10-14 '62.
Using dimethyl sulfide derivatives in the production of fibers on the basis of acrylonitrile and its copolymers. B. D. Bogomolov, I. S. Dorokhina, V. S. Klimenkov. Khim. volok. no. 2, 14-16 '62.

ACS SERUM see Antireticular cytotoxic serum

ACTING
"Art of the actor in the terms and definitions of K. S. Stanislavskii, a textbook for drama schools." Reviewed by G. Kryzhitskii. Teatr 23 no. 5:147-148 My '62.

ACTING—STUDY AND TEACHING see subdivision under Odessa

ACTINIUM
Determination of mesothorium 1 (radium 228) on the basis of the β-particles of mesothorium 2 (actinium 228) in the presence of radium-226. P. I. Chaikin, N. V. Golubev, V. G. Zherekhov. Radiokhimiia 4 no. 1 102-107 '62.

ACTINOIDIN
Number of free amino and carboxyl groups in the antibiotic actinoidin [with summary in English]. A. B. Silnev, G. S. Katrukha. Antibiotiki 7 no. 5:456-460 My '62.

ACTINOMYCES
(see also subdivision under Kazakhstan, Trans-Ili Ala-Tau)
Characteristics of growth and development of strain 1321 of Actinomyces antocyaneus under the conditions of the submerged cultivation of antibiotic. G. G. Fedorenko, M. A. Il'chenko. Trudy Inst. mikrobiol. i virusa AN Kazakh. SSR 5, 14-21 '61
Comparative investigation of the strains of Act. antocyaneus and Act. litmocidini 31. A. K. Balitskaia, U. A. Saribaeva. Trudy Inst. mikrobiol. i virusa AN Kazakh. SSR 5 5-13 '61.
Cytological study of the changes in Actinomyces cells caused by radiation. A. A. Prokof'eva-Bel'govskaia, O. N. Knipovova, Z. M. Shamina. TSitologiia 4 no. 1 19-26 Ja-F '62

ACTINOMYCIN
Investigation of the pigmented part of the teelikomycin. Report No. 1. A. K. Balitskaia, L. A. Vetlugina. Trudy Inst. mikrobiol. i virusa AN Kazakh. SSR 5, 3-7 '61

ACTIVATED CARBON see Carbon, Activated

ACTIVITY COEFFICIENTS
Effect of the rate of heating on the activation energy of iron and steel recrystallization. V. I. Ivanov, K. A. Ompov. Izv. AN SSSR, Otd. tekh. nauk, Met. i topl. no. 2 84-91 Mr-Ap '62.
Effect of the rate of heating on the self-diffusion in iron. N. A. Bogdanov. Izv. AN SSSR Otd. tekh. nauk, Met. i topl. no. 2:98-103 Mr-Ap '62

ACTORS
[The actor's work] Trud aktera; sbornik statei. Moskva, Izd-vo "Sovetskaia Rossiia." (Bibliotechka "Khudozhestvennaia samodeiatel'nost'," no. 5)
No. 10. Barsova, Pashennaia, Gaidebarov, Mordvinov. 1962. 101 p.

ACTRESSES, WHITE RUSSIAN
Let me tell you about Halina Makarava, Tamara Bushko. Rab. i sial. 38 no. 1 16-17 Ja '62.

ACUTE CATARRHAL JAUNDICE see Hepatitis, Infectious

ACYLATION
Acylation of 2, 3, 4, 6-tetraacetyl-β-D-glucopyranose by aromatic acids. J. Degutis, D. Dziuviene. Zhur. ob. khim. 32 no. 4:1253-1254 Ap '62.

ADAPTATION (BIOLOGY)
Changes in the glycogen content of the liver and muscles in animals adapted and not adapted to cold [with summary in English]. L. A. Guseva. Vop. med. khim. 8 no. 2:199-201 Mr-Ap '62
Diseases of adaptation. Josef Charvat. Pat. fiziol. i eksp. terap. 5 no. 6:5-14 N-D '61.
Heat resistance of muscles and cholinesterase and its correspondence to the temperature conditions of the specific environment of certain fishes. A. A. Kusakina. TSitologiia 4 no. 1, 68-71 Ja-F '62.
Neurosecretory component of the adaptation reaction. A. A. Volikovich. Pat. fiziol. i eksp. terap. 5 no. 6: 73-80 N-D '61.

ADDING MACHINES see Calculating machines

ADDISON'S DISEASE
Two cases of successful treatment of the crisis in adrenal gland insufficiency. P. A. Silnitskii. Klin. med. no. 8:132-134 '61.

ADDITION REACTIONS
Effect of organic additions in fuel on the corrosion and wear of automobile engines. I. N. Smirnova, S. A. Balezin. Uch. zap. MGPI no. 146 102-126 '60.
Effect of organic additives in fuel on the corrosion and wear of internal combustion engines. I. N. Smirnova, S. A. Balezin, K. N. Golovanov. Uch. zap. MGPI no. 146: 127-146 '60.

ADENOMA

Hyperparathyroidism in combination with multiple adenomatoses of the endocrine glands A. A. Chumakov, V. S. IAgodovskii. Arkh pat. no. 8:76-80 '61.

ADHESION

Adhesion of polymers to silicate glass. Part 1. Adhesion of various elastomers to silicate glass [with summary in English]. S. S. Voiutskii and others. Vysokom. soed. 1 no. 2 285-293 F '62

Adhesion of polymers to silicate glass Part 2 Nature of adhesive bond rupture during the separation of elastomer - glass adhesive joints [with summary in English] V. E. Gul' and others Vysokom. soed. 4 no. 2 291-298 F '62

Bonding of fluoroplast 4 to rubber. A. IA. Korolev and others Plast. massy no. 5:37-39 '62

Effect of relaxation rate on the strength of adhesive joints. IU. M. Malinskii, V. V. Prokopenko, V. A. Kargin. Vysokom. soed. 4 no. 2 299-303 F '62.

Effect of the double impregnation of a viscose cord on its properties and strength of bonding to rubber. T. V. Ionova, Z. I. Suleimanova, R. V. Uzina. Kauch. i rez. 21 no. 4:3-7 Ap '62.

Method of determining the adhesion of resins to the surface of glass fibers. G. V. Shiriaeva, G. D. Andreevskaia. Plast. massy no. 5:43-46 '62.

ADHESIONS (ANATOMY)

Effect of pleural adhesions on the function of external respiration [with summary in English]. P. P. Firsova. Grud. khir no. 2:46-51 '62

ADHESIVES

New types of polymer coatings and adhesives. A. A. Blagonravova, D. A. Kardashev. Zhur. VKHO 7 no. 2 187-194 '62.

Use of adhesives for ship repairs. I. Lunev Mor. flot 22 no. 4:29-31 Ap '62

ADIPHENINE

Treatment of some pruritic dermatoses with spasmolytine. V. M. Rubanovich. Vest. derm. i ven. no. 6:25-28 '61.

ADLER—PENSIONERS—EMPLOYMENT

Their reliable support. I. Zaitsev Sov. deputi. trud. no. 4 83-87 Ap '62.

ADMINISTRATION OF JUSTICE see Justice, Administration of

ADMINISTRATIVE LAW

At the Law Faculty of Moscow University O. Shch Sots. zakon. 39 no. 3 83 Mr '62.

Codification of Soviet administrative laws. G. I. Petrov. Sov. gos. i pravo 32 no. 5:27-33 My '62.

"Soviet administrative law" by G. I. Petrov. Reviewed by M. Andrianov and others Rad. pravo no. 2 131-135 Mr-Ap '62.

ADMINISTRATIVE REMEDIES

(see also subdivision under White Russia)

How to ensure a thorough examination of workers' complaints. V. I. Remnev. Sov. gos. i pravo 32 no. 5:34-43 My '62.

[Recommended forms of private persons' complaints and suggestions] Kak oformliat'sia zhaloby i zaiavleniia grazhdan. Moskva, Gosiurizdat, 1961. 75 p. (IUridicheskie konsul'tatsii dlia naseleniia v voprosakh i otvetakh, no. 20)

ADOPTION

What is the procedure used in child adoption? IU. IUrbugskii. Otv. na vop. trud. no 12:53-54 D '61.

ADRENAL GLANDS

Characteristics of the fever reaction in functional change in the adrenal glands. S. A. Seleznev. Trudy Semipal. med inst. 2:77-87 '59

Functional state of the adrenal cortex during the development of induced tumors of the urinary bladder in dogs E. M. Somundzhan, A. G. Martynenko. Vop. onk 8 no 4:70-74 '62.

Functional state of the adrenal cortex in chronic lead poisoning, preliminary report. E. K. Nurmaganbetov. Izv. AN Kazakh. SSR. Ser. med. i fiziol. no. 2:41-50 '61.

Influence of high atmospheric temperature on adrenal function in rats of various ages [with summary in English] F. M. Shleifman Gig. i san. 26 no 5 14-18 My '61.

Participation of the medullary substance of the adrenals in the reaction of the gastric glands to a pain stimulus [with summary in English]. A. S. IAmpol'skii. Biul. eksp. biol. i med. 3[i. e. 53] no. 3 30-34 Mr '62.

Reactivity of the cardiovascular system in experimental noninfectious peritonitis Report No. 3. State of the sympathoadrenal system [with summary in English] P. P. Gusach. Biul. eksp. biol. i med. 3[i. e. 53] no. 3: 27-29 Mr '62.

Significance of adrenal hypofunction in the pathogenesis of experimental nephritis. I. N. Usov. Dokl. AN BSSR 6 no. 4:266-269 Ap '62.

Signs of anaphylaxis in adrenalectomized rats with functional hypertension of nervous processes. R. K. Borukaev. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. no. 9:111-115 '61.

ADRENAL GLANDS—TUMORS

Surgical treatment of pheochromocytoma. IU. E. Shvarts. Klin. med. no. 8 71-73 '61.

ADRENALINE

Blood pressure reaction to the intra-arterial and intravenous administration of adrenaline in experimental hyper- and hypothyroidism. V. S Sumbaev Pat. fiziol i eksp. terap 5 no 6:57-58 N-D '61

Effect of adrenaline and acetylcholine on blood luminescence N. K. Sviridov. Fiziol. zhur. 48 no. 3, 331-334 Mr '62.

Effect of hormonal factors on the blood sugar level in lower monkeys [with summary in English] IU P. Butnev Biul eksp biol i med 3[i. e. 53] no 3 46-50 Mr '62.

Quantitative determination of adrenaline by the luminescence titration method [with summary in English]. V. I. Koppel'. Apt. delo 11 no. 1 40-44 Ja-F '62.

Urinary excretion of catechol amines in kidney lesions. V. V. Men'shikov. Klin med. no 2, 94-98 '62

ADRENALINE—PHYSIOLOGICAL EFFECT

Effect of adrenaline oxidation products in leucopenia caused by irradiation R. N. Abdullina. Radiobiologiia 2 no. 2:196-199 '62.

ADRENOCORTICAL HORMONES

External use of corticosteroid hormones in treating circumscribed neurodermatitis and eczema [with summary in English] IU. K. Skripkin Sov. med. 25 no. 1:110-115 Ja '62

Local treatment of alopecia areata and totalis with corticosteroid preparations [with summary in English] A. K. IAkubson, L. N. IUdkina. Vest. derm. i ven. no. 4:39-43 '62.

Osteoporosis as a complication in prolonged treatment with cortical steroids. A. L. Mashkilleison. Vest rent. i rad 37 no. 2 70-71 Mr-Ap '62.

ADRENOCORTICOTROPIC HORMONES see ACTH

ADSORPTION

Adsorption and dehydrogenation of cyclohexane on platinum films at room temperature. V. M. Grieznov, V. I. Shimulis, T. V. Dilingerova. Vest. Mosk. un. Ser. 2. Khim. 17 no 2, 26-28 Mr-Ap '62.

Adsorption of strontium by manganese dioxide from water-ethanol solutions E. V. Tkachenko, V. V. Pushkarev, IU. V. Egorov. Izv. vys. ucheb. zav. , khim i khim. tekh 5 no. 1:172-174 '62.

Arsenic absorption by coal during the reduction of Kerch iron ores. N. A. Vasiutinskii, L. I. Vasiutinskaia. Izv. AN SSSR, Otd. tekh. nauk. Met. i topl. no. 2, 22-26 Mr-Ap '62.

Effect of the maximum absorption of chlorophyll in a completely formed adsorption monolayer. L. I. Nekrasov, N. I. Kobozev, G. G. Komissarov Vest. Mosk. un. Ser. 2 Khim. 17 no. 2 31-32 Mr-Ap '62.

Effect of the pH of the solution on the adsorption of iodine ions on a silver electrode L. A. Medvedeva, IA. M. Kolotyrkin. Dokl. AN SSSR 143 no. 6:1384-1387 Ap '62.

Kinetics of acetone adsorption and desorption on commerical active coals. IU. D. Znamenskii, V. M. Kisarov. Dokl. AN SSSR 143 no. 5:1156-1158 Ap '62.

Production of insulating oils from Baku crudes by adsorption refining. R. Sh. Kuliev and others. Khim. i tekh. topl. i masel 7 no. 4:15-21 Ap '62.

Simultaneous adsorption of surface-active compunds at the mercury - electrolyte interface G. A. Dobren'kov, R. K. Bankovskii Izv. vys. ucheb. zav. , khim. i khim tekh. 5 no 1 75-81 '62.

Sorption of water vapor on molecular sieves. G. V. TSitsishvili and others. Soob. AN Gruz. SSR 28 no 1: 17-24 Ja '62.

State of protactinium in aqueous solutions. Part 6. Adsorption properties of protactinium I. E. Starik, L. D. Sheidina, L. I. Il'menkova. Radiokhimiia 4 no. 1:44-49 '62

ADULT EDUCATION

"Raising the cultural level and technical qualification of Soviet workers." Reviewed by M. P. Goncharenko, N. F. Naumova, Nauch. dokl. vys. shkoly; filos. nauki 5 no. 2:135-139 '62.

Work starts in the morning. I. L. Liudomirskii. Zdorov'e 8 no. 4:5 Ap '62.

ADVERTISING see subdivision under Rumania

ADYGE AUTONOMOUS PROVINCE—HORSEFLIES

Horseflies (Diptera, Tabanidae) of Adyge Autonomous Province [with summary in English]. A. F. Sergeev. Zool. zhur 41 no. 1:143-145 Ja '62.

ADYGE LANGUAGE—VERB

A transitive static verb in the Adyge language. G. V. Rogava. Soob. AN Gruz. SSR 28 no. 1:125-127 Ja '62.

AEGEAN SEA—BENTHOS

Qualitative and quantitative distribution of benthos in the Dardanelles region of the Aegean Sea. M. I. Kiseleva. Trudy SBS 14:135-146 '61.

AERIAL BOMBING see Bombing, Aerial

AERATION OF SOIL see Soil aeration

AERIAL PHOTOGRAMMETRY

Ulianov, M. N. [Adjustment of spatial phototriangulation] Uravnivanie prostranstvennoi fototriangulatsii. Moskva, Izd-vo geodez. lit-ry, 1961. 70 p.

Use of aerial photographic materials in investigating the trans-Volga region for land improvement purposes [with summary in English] R. N. Smirnov. Pochvovedenie no 4 78-80 Ap '62

AERIAL PHOTOGRAPHY see Photography, Aerial

AERIAL SPORTS

Borisenko, I. G. [Use of radio in the training of aviation sportsmen] Ispol'zovanie radio v podgotovke aviatsionnykh sportsmenov. Moskva, Izd-vo DOSAAF, 1961. 85 p.

[MICROFILM]

AEROBIC BACTERIA see Bacteria, Aerobic

AERODYNAMICS

Aerodynamic effectiveness of a discontinuous surface [with summary in English]. V. K. Migai. Inzh. -fiz. zhur. 5 no 4:20-24 Ap '62.

Aerodynamic resistance of gyromotors and ways to reduce it A. G. Bessonov Vop. prikl. gir no 2, 38-52 '60

AERODYNAMICS, HYPERSONIC

Analysis of some equations of hypersonic flows, and a solution to Cauchy's problem M. D. Ladyzhenskii Prik. mat. i mekh. 26 no 2:289-299 Mr-Ap '62.

Effect of the variability of Prandtl numbers on a flow near the critical point of a blunt-nosed body in the case of small Reynolds numbers I. N. Murzinov. PMTF no. 1 39-43 Ja-F '62.

Hypersonic flow past axially symmetric bodies flying at the angle of attack. V. B. Minostsev. Trudy MFTI no. 7:136-151 '61.

Hypersonic flow past thin blunt-nosed bodies shaped according to an exponential law. V. V. Lunev Prik. mat. i mekh. 26 no 2:389-390 Mr-Ap '62

Similarity parameters at great hypersonic speeds IU. I. Zhilin Prik. mat. i mekh 26 no 2:387-388 Mr-Ap '62

AERODYNAMICS, SUPERSONIC

Aerodynamic characteristics of airfoils in a supersonic flow and in the presence of a slippage. IU I. Krasil'nikov. Inzh. zhur. 1 no. 4 18-26 '61.

Barrier of the unknown. IU. Kibardin, M. Gallai. Znan. sila 37 no. 3:17-19 Mr '62

Bending of long elastic plates moving in a gas with a constant supersonic speed V. S. Sarkisian Izv. AN Arm. SSR. Ser. fiz. -mat. nauk 15 no 2:139-152 '62.

Mysteries of blue streams. D. Arkad'ev Znan. sila 37 no. 3:12-15 Mr '62.

Supersonic flow of an ideal gas past a horizontal plate in the presence of volume heating. I. T. Shakhnov, V. A. Frost. Trudy MFTI no. 7:110-123 '61.

Supersonic flow past an inclined circular cone. B. M. Bulakh Prik mat i mekh 26 no. 2:300-307 Mr-Ap '62.

AERONAUTICAL INSTRUMENTS

History of the development of aeronautical instruments, their parts and units. G. A. Siomtanskii. Trudy MATI no. 52:20-28 '61.

AERONAUTICS

Aronin, G. S. [Practical aerodynamics; manual for flight crews] Prakticheskaia aerodinamika; uchebnik dlia letnogo sostava. Moskva, Voen. izd-vo M-va oborony SSSR, 1962. 382 p.

V. I. Lenin and the development of Soviet aviation. L. Shishov. Voen. -ist. zhur. 4 no. 4:3-11 Ap '62

AERONAUTICS—ABSTRACTS

[Air transportation] Ref. zhur. : Vozd. transp. nos. 4-5 Ap-My '62.

AERONAUTICS, COMMERCIAL—LAWS AND REGULATIONS

New developments in the legal regulation of Soviet air transportation. N. M. Ezhov, G. P. Savichev. Sov. gos. i pravo 32 no. 5:73-82 My '62.

AERONAUTICS, MILITARY—OBSERVATIONS

Pilotless reconnaissance airplane. N. Lisivin. Av i kosm. 44 no. 4:71-73 '62.

AERONAUTICS IN AGRICULTURE

Winged farmers. M. Liakhovets'kyi. Ukraina no. 10:6 My '62.

AERONAUTICS IN FORESTRY

Sowing conifers from the airplane on western slopes of the Central Urals. A. A. Marusov. Les. khoz 15 no. 4:47-48 Ap '62.

AERONAUTICS IN GEOLOGY—EQUIPMENT AND SUPPLIES

New photogrammetric apparatus for geological purposes IU. M. Trunin. Razved. i okh. nedr 28 no. 4:15-20 Ap '62.

AERONAUTICS IN PUBLIC HEALTH see subdivision under Moldavia

AEROSOL THERAPY
Treatment of late pregnancy toxemias with magnesium sulfate aerosols, preliminary report. E. V. Pankova, L. M. Tutova. Sbor. nauch. trab. Kaf. akush. i ginekol. GMI no. 1 59-61 '60

AEROSOLS
Distribution of inert impurities in the atmosphere during rain. F. A. Gisina. Izv. AN SSSR. Ser. geofiz. no. 4 567-572 Ap '62.

Experimental and clinical study of silicosis developing under the influence of aerosols in the condensation of silicon dioxide. B. T. Velichkovskii. Gig. i san. 26 no. 6:76-82 Ag '61.

Precipitation of zinc oxide aerosols in an acoustic field. D. B. Dianov, L. G. Merkulov, V. I. Nikitenko. Akust. zhur. 8 no. 1 60-66 '62

AESTHETICS
How should aesthetics be tied in with life? L. Pazhitnov, B. Shragin. Vop. lit. 5 no. 12 74-88 D '61.

AESTHETICS—STUDY AND TEACHING
Aesthetic education in our group. K. I. Stupak. Rad. shk. 11 no. 5 66-69 My '62

Akademiia pedagogicheskikh nauk RSFSR, Moscow. Institut khudozhestvennogo vospitaniia. [System of aesthetic education in the kindergarten] Sistema esteticheskogo vospitaniia v detskom sadu. Pod obshchei red. N. A. Vetluginoi. Moskva, Izd-vo Akad. pedagog. nauk, RSFSR, 1962. 371 p.

Let's inculcate a feeling for beauty in children. T. Polozova. Kul't. i zhizn' 6 no. 2:34-35 '62.

AFFORESTATION
Experience in the afforestation of peat bogs having been used for peat winning. P. A. Lesnov. Les. khoz. 15 no. 4:41-44 Ap '62.

Mechanization of forest planting in cutovers without removal of stumps. V. V. Chernyshev. Les. khoz. 15 no. 4 63-67 Ap '62.

Viability of sown coniferous trees in cutover areas of the north. A. I. Troshnikova, A. I. Fedorova. Trudy Inst. lesa i drev. 50,49-63 '61.

AFGHAN LITERATURE—HISTORY AND CRITICISM
"Social motifs in the contemporary literature of Afghanistan" by A. S. Gerasimova and others. Reviewed by G. D. Lebedeva. Nar. Azii i Afr. no. 2 228-230 '62.

AFRASIAB—POTTERY
The problem of unglazed pottery of Central Asia of the 9th-10th century, illustrated with stamped ornament from the site of Afrasiab [with summary in English]. G. A. Belashova. Trudy Gos. Erm. 5:202-215 '61.

AFRICA—ARCHAEOLOGY
"Prehistoric Africa" by A. Altman. Reviewed by V. Alekseev, L. Fadeev. Sov. etn. no. 2,165-166 Mr-Ap '62

AFRICA—ARCHAEOLOGY—TERMINOLOGY
Translation of A. Altman's book "Prehistoric Africa." G. Lebets. Sov. etn. no. 2:169-173 Mr-Ap '62.

AFRICA—BIBLIOGRAPHY
[New Soviet and foreign literature on the countries of the non-Soviet East] Nov. sov. i inostr. lit. po stran. zarub. Vost. no. 1 '62.

AFRICA—DESCRIPTION AND TRAVEL
"Good luck to you, African!" by S. Ivanov. Reviewed by T. Lilina. Sov. pech. no. 2:148-49 F '62.

Moscow-Africa - Moscow. M. Rod'kin. Az. i Afr. segodnia no. 4:36-39 Ap '62.

AFRICA—ECONOMIC CONDITIONS
"The economy of Africa" [in English] by Arthur Hazelwood. Reviewed by N. Galov. Az. i Afr. segodnia no. 4:60-62 Ap '62.

AFRICA—FOREIGN ECONOMIC RELATIONS—GERMANY, WEST
"Germany and Africa; and analysis of contemporary economic penetration" [in French] by Paul Gache, Robert Mercier. Reviewed by P. I. Polishikov. Nar. Azii i Afr. no. 2:210-213 '62.

AFRICA—FOREIGN RELATIONS—RUSSIA
[The Soviet Union is a sincere friend of the peoples of Africa; trip of L. I. Brezhnev, Chairman of the Presidium of the Supreme Soviet of the U. S. S. R., to Morocco, Guinea, and Ghana, February 9-21, 1961] Sovetskii Soiuz - iskrennii drug narodov Afriki; prebyvanie Predsedatelia Prezidiuma Verkhovnogo Soveta SSSR L. I. Brezhneva v Marokko, Gvinee, Gane 9-21 fevralia 1961 g. Moskva, Gos. izd-vo polit. lit-ry, 1961. 166 p.

AFRICA—HISTORY
The problems related to the modern history of the countries of Asia and Africa in the "World history." V. N. Nikiforov. Nar. Azii i Afr. no. 2:154-167 '62

AFRICA—JOURNALISM
Africa speaks! S. Beglov. Sov. pech. no. 4,58-60 Ap '62.

AFRICA—MASKS
A gold plate with the image of a human face. R. V. Kinzhalov. Sbor. muz. ant. i etn. 20:144-146 '61.

AFRICA—MILITARY BASES, FOREIGN
The strategy of aggression [with English summary inserted]. S. Fil'shtinskii. Az. i Afr. segodnia no. 4:24-26 Ap '62.

AFRICA—MOTION PICTURES, DOCUMENTARY
Day of the present and day of the future. Igor' Vasil'kov. Isk. kino no. 3:151-152 Mr '62.

AFRICA—POLITICS
Peoples of Africa on a new course. I. Potekhin. Starsh. serzh. no. 2 38-39 F '62

AFRICA—TECHNICAL ASSISTANCE, WEST GERMAN
Technical "assistance" as a form of the West German penetration into the economy of undeveloped countries. V. M. Kachalin. Uch. zap. IMO no. 4,111-135 '61.

AFRICA—TRADE UNIONS—CONGRESSES
Splitters at work. D. Turchaninov. Az. i Afr. segodnia no. 4: 57-58 Ap '62.

AFRICA, BRITISH EAST—ECONOMIC CONDITIONS
Imperialist nature of English "plans for the development" of their colonies in East Africa. A. M. Glukhov. Uch. zap. IMO no. 4 183-206 '61.

AFRICAN POETRY—HISTORY AND CRITICISM
"In the rhythms of the tom-tom; Poets of Africa." Reviewed by D. Goncharuk. Az. i Afr. segodnia no. 4:63 Ap '62.

AGED—CARE AND HYGIENE
"Physical culture for the aged" by I. M. IAblonovskii. Reviewed by V. R. Nikolaev. Zdorov'e 8 no. 3,28 Mr '62.

AGED—MEDICAL CARE
(see also subdivision under United States)
After our intervention. Sots. obesp. 23 no. 4:63 Ap '62

AGGREGATES
Complexes of straight lines in three-dimensional projective space. S. E. Karapetian. Mat. sbor. 56 no. 3 343-352 Mr '62.

Defining correlations of a semigroup of endomorphisms of a finite linearly ordered set. A. IA. Aizenshtat. Sib. mat. zhur. 3 no. 2 161-169 Mr-Ap '62.

Unsolvability of the elementary theory of commutative semigroups which satisfy the reduction principle. M. A. Taitalin. Sib. mat. zhur. 3 no. 2 308-309 Mr-Ap '62

AGGREGATES (BUILDING MATERIALS)
(see also subdivision under Armenia)
Compression of reinforced aggregates made from polymers. A. L. Rubinovich. Trudy MFTI no. 7:3-19 '61.

AGGRESSION (INTERNATIONAL LAW)
Ermagambetov, M. K. [U. S. S. R. guards the peace and security of the peoples] SSSR na strazhe mira i bezopasnosti narodov. Alma-Ata, Kazakhskoe gos. izd-vo, 1961. 336 p.

AGING
Characteristics of the functional state of the olfactory, gustatory and cutaneous analysors in various age groups. E. A. Khairushev. Izv. AN Kazakh. SSR. Ser. med. i fiziol. no. 2:7-17 '61.

AGRANULOCYTOSIS
Agranulocytic reaction. N. P. Topilina, M. V. Samul'tseva. Klin. med. no. 6:128 '61.

AGRICULTURAL ADMINISTRATION see subdivision under Bondyuzhskiy District, Chernigov Province; Floreshty District, Kagarlyk District; Kostroma Province; Krasnodar Territory; Mogilev Province; Stavropol Territory; Ukraine; Veshenskaya District

AGRICULTURAL CHEMICALS
Amount of defoliants and desiccants in the dust of cotton-cleaning plants in Kirghizistan. V. M. Perelygin, V. I. Ershova. Sov. zdrav. Kir. no. 1:20-24 Ja-F '62.

Lebedev, IU. D., and A. I. Shtenberg, eds. [Collection of directives on the control of chemical poisons used in agriculture] Sbornik ofitsial'nykh materialov po kontroliu za iadokhimikatami, primeniaemymi v sel'skom khoziaistve. Moskva, Medgiz, 1961. 439 p. (Biblioteka sanitarnogo vracha)

AGRICULTURAL CHEMISTRY
Chemistry and the struggle for a higher standard of living. S. Vol'fkovich. Agitator no. 10:38-40 My '62.

New photometric devices for agrochemical analysis [with summaries in English, German, and French] M. L. TSap. Vest. sel'khoz. nauki 7 no. 2 129-135 F '62

AGRICULTURAL CHEMISTRY—LABORATORY MANUALS
Peterburgskii, A. V., ed. [Manual for workers in agricultural chemistry laboratories] Posobie dlia rabotnikov agrokhimicheskikh laboratorii. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 431 p.

AGRICULTURAL COLLEGES see subdivision under Gorki

AGRICULTURAL CONTRACTS see Contracts, Agricultural

AGRICULTURAL EDUCATION
(see also subdivision under Ukraine)
Shibanov, A. A. [Applied science and production instruction in the rural school] Politekhnicheskoe i proizvodstvennoe obuchenie v sel'skoi shkole. Izd. 4., perer. i dop. Moskva, Izd-vo Akad. pedagog. nauk RSDSR, 1962. 399 p.

AGRICULTURAL EXHIBITIONS see subdivision under Moscow

AGRICULTURAL EXPERIMENT STATIONS see subdivision under Bostandyk District

AGRICULTURAL EXPERIMENT STATIONS—ACCOUNTING see subdivision under Nikolayev Province

AGRICULTURAL IMPLEMENTS
Improve the design of the ZKK-6 rollers. N. Teslenko. Tekh. v sel'khoz. 22 no. 4:88 Ap '62.

A rope sweep. V. Potapov. Tekh. v sel'khoz. 22 no. 4 86 Ap '62.

A tractor-mounted loader. I. Fokin. Tekh. v sel'khoz. 22 no. 4,85-86 Ap '62.

AGRICULTURAL MACHINERY
(see also subdivision under Balkhash, Volokolamsk District)
Advanced technology of sugar beet cultivation [with summaries in English, German, and French] A. I. Lebedik. Vest. sel'khoz. nauki 7 no. 2:104-116 F '62.

Concerning the distribution of the load on the leading wheels of agricultural machinery with nonhomogenous ground density. P. V. Usov. Trudy MIMESKH 4 no. 2: 165-186 '59

Degtiarev, V. A., N. F. Dronova, and T. S. Zhotkevich. [Using multiple purpose hydraulic systems with separate units and mounted devices] Kak pol'zovat'sia universal'nymi razdel'no-agregatnymi gidravlicheskimi sistemami i navesnymi ustroistvami. Moskva, Izd-vo M-va sel'. khoz. RSFSR, 1961. 142 p.

Determining the working width of tillage implements [with summaries in English, German, and French]. M. K. IAgupov. Vest. sel'khoz. nauki 7 no. 3 126-127 Mr '62

Economic effectiveness of the over-all mechanization of the production of sugar beets; as exemplified by collective farms in Khorol District, Poltava Province. T. O. Zdereva. Pyt. ekon. sil'. hosp. URSR no. 3,56-63 '61.

Effectiveness of the use of the SSH-75 self-propelled chasis. I. Aldoshin. Ekon. sel'khoz. 33 no. 2 87-88 F '62

From the pages of agricultural journals. Tekh. v sel'khoz. 22 no. 4:90 Ap '62.

IAtsenko, V. A. [Operation and repair of agricultural machinery] Eksploatatsiia i remont sel'skokhoziaistvennykh mashin. Moskva, Mashgiz, 1961. 314 p.

Important problems confronting the agricultural machinery and tractor industry. N. N. Tarasov. Trakt. i sel'khozmash. 32 no. 4 1-2 Ap '62.

Machinery and equipment in pea raising. B. Seredenko. Tekh. v sel'khoz. 22 no. 4:4-10 Ap '62.

Miracle on a plate. B. Zubkov. IUn. nat. no. 4,29-30 Ap '62

New agricultural machinery. O. I. Pritsker. Mashinostroenie no. 2:101-103 Mr-Ap '62.

Put tractor depots on a business accounting basis. L. F. IAkimov. Uchet i fin. v kolkhoz i sovkhoz. 19 no. 4 46 Ap '62.

Two encounters. I. Fetisov. Neva no. 3,213-214 '62.

Use of disc and roller-type equipment in sowing peas. V. Komaristov, V. Babenko. Tekh. v sel'khoz. 22 no. 4:82-84 Ap '62.

The VS-10 grain cleaning machine. N. G. Pogodin. Trakt. i sel'khozmash. 32 no. 4:38-39 Ap '62.

Vortex scythe. A. Smirnagina. Znan. sila 37 no. 4: 14-15 Ap '62.

Young constructors. Znan. ta pratsia no. 4:14 Ap '62

AGRICULTURAL MACHINERY—ABSTRACTS
[Tractors and agricultural machinery] Ref. zhur. Otd. vyp. 44; Trakt. i sel'khoz. mash. nos. 7, 10 Ap-My '62.

AGRICULTURAL MACHINERY—ACCOUNTING
Methodology for preparing price lists for components and assemblies of repaired machinery. V. Mikhlin, P. Khrometskii. Tekh. v sel'khoz. 22 no. 4:72-74 Ap '62.

AGRICULTURAL MACHINERY—BIBLIOGRAPHY see Bibliography—Agricultural machinery

AGRICULTURAL MACHINERY—MAINTENANCE AND REPAIR
(see also subdivision under Kazakhstan; Virgin Territory)
Documentation of operations connected with the repair of machinery. I. I. Bronshtein. Uchet i fin. v kolkhoz i sovkhoz. 19 no. 4,62-64 Ap '62.

Manukov, N. P. [New techniques in the repair of agricultural machinery and tractors] Novoe v remonte mashino-traktornogo parka. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961, 223 p.

AGRICULTURAL MACHINERY —MAINTENANCE AND REPAIR (Continued)

Russia (1917- R.S.F.S.R.) Ministerstvo sel'skogo khoziaistva. Upravlenie ekonomiki, organizatsii i spetsializatsii sel'skogo khoziaistva, normirovaniia i oplaty truda. [Time norms for the repair of agricultural machinery] Normativy vremeni na remont sel'skokhoziaistvennoi tekhniki Moskva, Izd-vo M-va sel', khoz RSFSR, 1962. 306 p.

Work of agricultural machinery repair stations P. Ermolaev Tekh.v sel'khoz. 22 no.4 47-50 Ap '62.

Work practices of the "Sel'khoztekhnika" agricultural machinery repair shops. A Samsonov. Tekh.v sel'khoz. 22 no.4:65-66 Ap '62.

AGRICULTURAL MACHINERY—SAFETY MEASURES

Chernov, G.G. [Safety measures in the operation of agricultural machinery] Tekhnika bezopasnosti pri rabote na sel'skokhoziaistvennykh mashinakh Izd.2., ispr. i dop. [Moskva] Izd-vo VTsSPS Profizdat, 1961. 159 p.
(DA)

AGRICULTURAL MACHINERY—STUDY AND TEACHING see subdivision under Krasnodar Territory

AGRICULTURAL MACHINERY—TECHNOLOGICAL INNOVATIONS

The objective of the party and of the people should be a rapid development of agriculture. Izobr.i rats. no 4: 2-3 Ap '62.

AGRICULTURAL MACHINERY—TERMINOLOGY

Marking agricultural machinery. V.F.Gorbov, IU.P. Laptev. Standartizatsiia 26 no.4 32-34 Ap '62.

AGRICULTURAL MACHINERY—TESTING

It is necessary to exchange working experience between the workers of machinery testing stations. V. Elshov. Muk.-elev. prom. 28 no.3:28 Mr '62.

AGRICULTURAL MACHINERY—VIBRATION

Noise and vibrations produced by agricultural machinery [with summary in English]. E. I. Kandaurova. Gig truda i prof zab. 4 no.3 23-28 Mr '60.

AGRICULTURAL MACHINERY INDUSTRY
(see also subdivision under Kazakhstan; Lyubertsy, Taganrog)

The factory should check the quality of the manufactured machinery. G. Zhukov, P. Obodin Muk.-elev. prom. 28 no.3:27-28 Mr '62.

AGRICULTURAL MACHINERY INDUSTRY—EQUIPMENT AND SUPPLIES

Concerning the use of glass cement in the agricultural machinery industry K L. Bilukovich, IU. L. Bilukovich, I T. Shiriaev. Trakt. i sel'khozmash. 32 no. 4. 37 Ap '62

AGRICULTURAL MACHINERY INDUSTRY—FINANCE see subdivision under Rostov

AGRICULTURAL METEOROLOGY see Meteorology, Agricultural

AGRICULTURAL PESTS—BIOLOGICAL CONTROL

"Biological pest control; manual on plant diseases" [in German] by Josi M. Franz. Reviewed by N. A. Telenga. Zool. zhur. 41 no.4:630-637 Ap '62.

AGRICULTURAL POLICY
(see also subdivision under Kirghizistan; Ukraine; White Russia)

Development of social relations in rural areas during the large-scale building of communism. V.P.Efimov. Vop. ist. KPSS 6 no.2:43-62 '62.

Important step toward the establishment of the economic and technical foundation of communism. Vop. filos. 16

AGRICULTURAL WAGES
(see also subdivision under Buryat-Mongolia, Ukraine)

Material incentives on collective and state farms D Pravdin Part zhizn' no 9 58-64 My '62

Practice in the organization of wages on the "Serp i Molot" State Farm A Karpov Sots trud 7 no 1 115-119 Ja '62.

AGRICULTURAL WORKERS
(see also subdivision under Altai Territory, Pamirs, Volgograd Province)

Deeds and plants of an eminent machine operator, V.Speranskii. Tekh.v sel'khoz. 22 no.4:27-29 Ap '62

AGRICULTURAL WORKERS—DISEASES AND HYGIENE see subdivision under Orel Province, Semipalatinsk Province

AGRICULTURE
(see also subdivision under Altai Territory; Bukhara Province, Cherkassy Province; Estonia; Europe, Eastern; Irkutsk Province, Irtysh Valley; Kabardino-Balkar A.S.S.R., Kalmyk A.S.S.R., Kama Valley; Karaganda Valley, Karelian Isthmus; Kazakhstan, Krasnyy Yar District, Kuban, Kuybyshev Province, Kyzyl-Tepinskiy District, Leningrad Province, Lipetsk Province, Lithuania, Lvov Province; Mamlyutka District, Moldavia, Rostov Province, Siberia, Surkhan Darya Province, Telenesht District; Tiraspol' District, Tselinograd District, Ukraine; Ural Mountain region, Uzbekistan, Virgin Territory; Volga-Akhtuba Flood Plain, Volga Delta; Volga Valley, White Russia, Yakutsk region; Yana Valley)

Appeal of the Central Committee of the CPSU to collective farmers, state farm workers, agricultural specialists, scientists, industrial workers, Communists and communist youth, and all workers of the Soviet Union Vest sel'khoz nauki 7 no.3,3-7 Mr '62

Appeal of the Central Committee of the CPSU to collective and state farm workers, agricultural specialists, scientists, industrial workers, *Communists and Communist Youth Leaguers*, to all workers of the Soviet Union Zemledelie 21 no 1 3-9 Ap '62

Bread tops everything. Sov profsoiuzy 18 no.9 10-11 My '62.

Contribution of science to agriculture. Priroda 51 no.4:11 Ap '62.

Coordinated conference on problems in studying and using antibiotics in agriculture and in the food industry S I. Zelepukha. Mikrobiol. zhur. 23 no.6,69-70 '61.

Defense of dissertations. Pyt. ekon. sist. hosp. URSR no. 3:162-164 '61.

For the rapid development of agriculture. Agitator *no 8, 3-7 M. '62*

From grassland agriculture to intensive farming systems, M Pronin and others. Agitator no. 6, 32-36 Mr '62.

From the position of strict requirements. Sov. pech. no.3:13-17 Mr '62.

Important front of the building of communism Fin SSSR 23 no 4 3-7 Ap '62.

Improving agriculture is an urgent and important task of trade unions. Sov. profsoiuzy 18 *no. 9:2-3 My '62.*

Increase the production per hectare of plowland with minimum cost Vest sel'khoz. nauki 7 no. 1:3-9 Ja '62.

Kiriukhin, A.M. [Introduce automation in agriculture] Avtomatiku - v sel'skoe khoziaistvo. *Moskva, Izd-vo* "Znanie," 1961. 63 p. (Narodnyi universitet kul'tury. Sel'skokhoziaistvennyi fakul'tet, no.20)

Kiriukhin A. M. [Introduce automation in agriculture] Avtomatiku - sel'skoe khoziaistvo. Moskva Izd-vo "Znanie," 1962, 47 p. (Novoe v zhizni, nauke, -l'skoe khoziaistvo no. 1)

d practices should be known to er] Peredovoi opyt - kazhdomu ziaistva. Moskva, Gos. izd-vo p. (Ekonomicheskie znaniia -

nce of agriculture. Sov. deput, 62.

Committee of the CPSU to the colers of state farms, specialists in , industrial workers, communists, unist Youth League, to all workers grobiologiia no 2,163-166 Mr-Ap

chet i fin. v kolkhoz i sovkhoz. 19

is a national cause. Khim. i no.4:1-2 Ap '62.

i Znan. sila 37 no. 3:2 of cover,

. 35 no. 4:1-2 Ap '62.

conference on peat use in agri- Torf. prom. 39 no. 3:33-34 '62.

opment of communism. A. Anisip. 6 no. 4:1-4 Ap '62.

Speed up the elimination of the results of grassland farming and persistently introduce the achievement of science and advanced practices Vest. sel'khoz nauki 7 no 2 3-10 F '62

Spring marches across the country. Sov pech. no. 3,1-3 Mr '62.

State Bank tanks in developing agriculture. V. Ushakov. Den i kred. 20 no. 4:3-12 Ap '62

Study thoroughly and introduce advanced practices more extensively. Ekon sel'khoz. 33 no 2 3-10 F '62

Task of the entire party and of the entire people is to achieve a great upsurge in agriculture! Nar. obr. no. 4,6 Ap '62

Task of the whole party and the whole people. Okhr. truda i sots strakh. 5 no. 4:1 Ap '62.

Virgin lands around us. Vadim Konovalov Ilin nat no 4 1-5 Ap '62

Work of our institute. Pyt. ekon. sist. hosp. URSR no 3: 169-171 '61.

AGRICULTURE—ACCOUNTING

Analyzing the utilization of fixed assets. L. A. Urmanskii Uchet i fin. v kolkhoz i sovkhoz 19 no. 4:51-54 Ap '62

Documentation of operations connected with the repair of machinery. I I. Bronshtein. Uchet i fin. v kolkhoz i sovkhoz 19 no. 1:52-61 Ap '62

Has the decentralization of accounting been justified? V. D Smirnov Uchet i fin. v kolkhoz i sovkhoz 19 no. 4:11-13 Ap '62.

Problems of machine accounting in agriculture. IU V. Vasil'ev. Uchet i fin. v kolkhoz i sovkhoz. 19 no. 1 5-11 Ap '62

A seminar on the computation of the cost of production Pyt ekon. sist. hosp. URSR no 3 169-169 '61.

AGRICULTURE—BIBLIOGRAPHY see Bibliography—Agriculture

AGRICULTURE—ECONOMIC ASPECTS
(see also subdivision under India, Mexico, Moldavia, Yakutia, Zeravshan Valley)

First Republic Conference of Young Agricultural Economists Pyt. ekon. sist. hosp URSR no. 3, 164-165 '61.

Raise higher the level of economic scientific investigations V. Vasin Ekon sel'khoz 33 no 2 117-119 F '62

AGRICULTURE—EXPERIMENTATION
(see also subdivision under Maritime Territory, Rostov Province; Saratov Province; Zhitomir)

Experimentation in a school V. Burin. Nar. obr. no. 4 56 Ap '62

Let's give more attention to experimental work of students T F. Shatskaia and others Shkola i proizv. 6 no 4 53-58 Ap '62.

Results of the first year of the all-Russian competition for the best organized agricultural experimentation in schools and extra-scholastic institutions. N A Mukhina. Shkola i proizv. 6 no. 1:45-53 Ap '62.

AGRICULTURE—FINANCE

Milliavskii, I. O. [Business accounting in brigades and farms] Khozraschet v brigadakh i na fermakh Moskva, Izd-vo "Znanie," 1962. 46 p. (Novoe v zhizni, nauke, tekhnike. Seriia 5: Sel'skoe khoziaistvo, no. 3)

Put tractor depots on a business accounting basis. I F. Akimov. Uchet i fin. v kolkhoz i sovkhoz. 19 no. 4: 40 Ap '62.

AGRICULTURE—HYGIENIC ASPECTS

Health measures in work on mounted reapers I. A Shul'zhenko, N. M Skvortsov Gig truda i prof. zab no. 4, 47 '62.

"Occupational hygiene in using insectofungicides in agriculture" by L. I. Medved'. Reviewed by V K. Navrotskii. Gig. truda i prof. zab. 4 no 3:59-60 Mr '60.

Problems in organizing physiological studies on the problem of industrial hygiene in agriculture. V. N. Kozlov. Gig. i san. 27 no. 3:89-91 Mr '62.

Use of some physiological methods of research for the hygienic evaluation of the agricultural work of school children [with summary in English]. I. D. Dubinskaia, V. K. Kuz'mina. Gig. i san. 27 no. 3:26-34 Mr '62.

AGRICULTURE—LABOR PRODUCTIVITY

The building of communism and the example of the foremost farmers. F. Khudushyn. Kozmn. likr. 37 no. 4: 32-41 Ap '62.

Determining production potentiality of work on the basis of the factors of production V. Pozdniakov, T. Shevlakov Ekon. sel'khoz. 33 no. 2:70-75 F '62.

AGRICULTURE—MAPS

Agricultural maps of the republics of the Union and economic regions of the R. S. F. S. R. M. I. Nikishov. Sbor. st. po kart. no. 12:67-76 '61.

Appearance of maps of the agricultural atlas of the U. S. S. R. D. I. Smirnov. Sbor. st. po kart. no. 12 87-92 '61.

Compiling and editing the agricultural atlas of the U S. S. R. S. N. Soldatov. Sbor. st. po kart. no 12:77-86 '61.

AGRICULTURE — MAPS (Continued)

Delineating, preparing for publication, and publishing the agricultural atlas of the U S S R I V Gurevich Sbor st po kart no 12 99-10? '61

General characteristics of the agricultural atlas of the U S S R. M I Nikishov Sbor st. po kart. no. 12 5-18 '61

Maps representing different branches of agriculture and stockbreeding M. I Nikishov Sbor. st. po kart. no. 12 46-66 '61

Maps representing the general characteristics of agriculture I' L. Gurari Sbor st po kart. no. 12 31-45 '61.

AGRICULTURE—SAFETY MEASURES see subdivision under Kalinin Province

AGRICULTURE—STATISTICS

The most important sector of the building of communism. Komm Vooruzh Sil 3 no. 8 44-46 Ap '62

Sholits, S. V. [Principals of agricultural statistics] Osnovy sel'skokhozialstvennoi statistiki. Pod red. I. I. Levitina. Moskva, Upravlenie podgotovki kadrov M-va sel'. khoz. SSSR, No. 3, 1955. 41 p

[MICROFILM]

AGRICULTURE—STUDY AND TEACHING

(see also subdivision under Alma-Ata, Kiev Province; Komi A.S.S.R., Ukraine; White Russia)

Hygienic evaluation of the conditions under which eight-year school students do agricultural work. E. M. Belostotskaia and others. Shkola i proizv. 6 no. 3;62-65 Mr '62.

Improve the theoretical training of agricultural specialists. V. F. Krasnik Zemledelie 24 no 4;80-84 Ap '62

Our presents for our holiday. IUn. nat. no 3-7-11 Mr '62

Participation of schools in carrying out the instructions of the March Plenum of the CPSU. Rud. shk. 40 no 1. 5-7 Ap '62.

Student brigades at a new stage. K A. Kovalevskii, F. A. Panchokhin. Shkola i proizv. 6 no. 3 40-44 Mr '62.

"Technical and production training in student brigades" by S. L. Gorelavskii Book review Nar. obr. no. 1 119 Ap '62.

Work of rural schools in the light of the new tasks assigned by the Communist Party to agriculture. Shkola i proizv. 6 no. 3,3-8 Mr '62.

AGRICULTURE, COOPERATIVE

(see also subdivision under Germany, East; Ukraine; Vietnam, North)

Kul'baev, M. A. [Lenin's cooperative plan and its fulfillment] Leninskii kooperativnyi plan i ego osushchestvlenie. Nal'chik, Kabardino-Balkarskoe knizhnoe izd-vo, 1960. 38 p.

(MH)

AGRICULTURISTS

Specialists are educators as well as organizers. Agitator no. 10;3-6 My '62.

AID TO UNDERDEVELOPED AREAS see Technical assistance

AIDINOV, GEORGII IVANOVICH

"No, I am right!" by Georgii Aidinov. Reviewed by Vl. Voronov. Oktiabr' 39 no. 2;216-216 F '62.

AIR—ANALYSIS

Determination of germanium and its dioxide in air [with summary in English] M. D. Babina. Zhur. anal. khim. 17 no. 2;252-253 Mr-Ap '62

Determination of naphthalene in the air of rooms by the spectrophotometric method M. D Manita. Gig. i san 26 no. 5;47-50 My '61.

"Methods for determining harmful substances in the air and other media Part I" by M. S. Bykhovskaia, N. I. Ginzburg and O. D. Khalizova. Reviewed by E. A. Peregud. Gig. truda i prof zab 6 no. 3;58-60 Mr '62

Use of electric gas analyzers for the determination of petroleum product vapors in the air. M. Orzhevskii. Mor. flot 22 no. 4;20-23 Ap '62

AIR—MICROBIOLOGY

(see also subdivision under Minsk)

Use of a new type of "microfil" filters for the concentration and indication of bacteria from the air, water and soil. V. V Vladuets and others. Gig. i san. 27 no. 3;51-55 Mr '62.

AIR—POLLUTION

(see also subdivision under Dneprodzerzhinsk; Kiev)

Aspiration method of taking air pollution samples for determining the concentration of 3, 4-benzopyrene. S. N. Kimina, V. M. Poltakov. Gig. i san. 26 no. 8, 19-23 Ag '61.

Data for substantiating the maximum permissible concentration of styrol in atmospheric air [with summary in English]. Li Shen [Li Sheng]. Gig. i san. 26 no. 8. 11-17 Ag '61.

Determination of rhodanitine in the air. V. A. Vinogradova Gig. truda i prof. zab. 4 no. 6,56-57 Je '60.

Determination of terephthalic acid in the air. M. D. Babina. Gig. i san. 27 no. 3-50-51 Mr '62.

Dust and gas content of the air in working areas under varying methods for the mechanized processing of cotton. M. K. Gafurbaev. Gig. i san. 26 no. 8. 102-104 Ag '61.

Experimental and clinical study of silicosis developing under the influence of aerosols in the condensation of silicon dioxide. B. T. Velichkovskii Gig i san 26 no 8 76-82 Ag '61.

Materials for substantiating the maximum permissible concentration of dinyl in the air [with summary in English] G I Solomin Gig i san 26 no 5 3-8 My '61

On N. M. Tomson's article entitled "Reply to K G Beriushev" V. A. Riazanov. Biul. Ueh med sov. 3 no 2 44 Mr-Ap '62.

Reply to K G. Beriushev. N. M. Tomson Biul. Ueh med sov. 3 no. 2;12-43 Mr-Ap '62.

Selection of air samples for fumes of sulfuric acid. E M Ellerman, P. A. Kourov Gig truda i prof zab no 4 52 '62

AIR—PURIFICATION

Purification of air from tetraethyllead vapors on a continuous multistage sorption unit in a fluidized bed of activated carbon I E Zemskov. Zhur prikl khim 35 no 3 540-541 Mr '62.

AIR, COMPRESSED see Compressed air

AIR, IONIZED

Ionized air make-up of the atmosphere in the underground rooms of the V. I Lenin Leningrad subway S. V. Smirnov Gig. truda i prof zab. 6 no 3,51-52 Mr '62

Mountain air in a room V Anokhin. IUn nat no. 3 33 Mr '62

AIR COMPRESSORS

Studying the performance of air compressor groups, components of a gas turbine system. G. G. Olkhovskii, N. I. Molodykh. Teploenergetika 9 no. 5;51-56 My '62

AIR CONDITIONING—EQUIPMENT AND SUPPLIES

The AUS devices in industrial air-conditioning units G. V. Arkhipov, V. N. Asafov, V. S. Prusenko Prihoro-strocnie no 3;1-7 Mr '62.

AIR EJECTORS

Spade out of air. E. Muslin. IUn. nat. no. 3 13-14 Mr '62.

AIRFOILS

Aerodynamic characteristics of airfoils in a supersonic flow and in the presence of a slippage IU I Krasil'nikov. Inzh. zhur. 1 no. 1 18-26 '61

Load symmetry along airfoils of minimum resistance. M N Kogan. Inzh. zhur. 1 no 4;132 '61

AIRPLANE INDUSTRY see subdivision under United States

AIRPLANES—DESIGN AND CONSTRUCTION

Barrier of the unknown IU. Kibardin, M. Galial. Znan. sila 37 no. 3;17-19 Mr '62.

Mysteries of blue streams. D. Arkad'ev. Znan. sila 37 no. 3;12-15 Mr '62.

AIRPLANES—ELECTRIC WIRING

Directly from the control panel. N Rakhmanov. Starsh.-serzh. no. 1 34 Ja '62.

AIRPLANES—FLIGHT TESTING

A. V. Fedotov, test pilot. IA. Mustafin. IUn tekh. 6 no. 3 69-71 Mr '62.

Flight testing of airplanes. D Seleznev. Av. i kosm. 44 no. 4;60-70 '62.

AIRPLANES—FUEL SYSTEMS

Crystal particles of ice and an engine. A. Ugarov. Starsh.-serzh. no 1 37 Ja '62

AIRPLANES—LANDING GEAR

Investigating the wear of hinge parts of airplane landing gears. K. A. Krylov. Tren. i izn. mash. no. 15;97-113 '62.

AIRPLANES—MAINTENANCE AND REPAIR

Engineer and the preliminary preparation. N. Serebriakov. Av. i kosm. 44 no 4;62-68 '62.

AIRPLANES—MATERIALS

In the All-Union Research Institute of Aircraft Materials. Av. prom. 26 no. 8;113-114 Ag '57.

AIRPLANES—MODELS

Results of the contest of airplane models. V. Kumanin, M. Lebedinskii. IUn. tekh. 6 no. 3 20-22 Mr '62

AIRPLANES—WINGS

On flexible wings. B. Bukhovtsev. IUn. tekh. 6 no. 3; 48-48 Mr '62.

Singular integrodifferential equation for an elastic airplane wing of finite span. A. G. Kekelia. Soob. AN Gruz. SSR 26 no. 1;9-16 Ja '62.

AIRPLANES, MILITARY

Saving an airplane. V. Suvorov. Starsh.-serzh. no. 1 18 Ja '62.

AIRPLANES, MILITARY—MAINTENANCE AND REPAIR

For those who are on detail. B. Khmelevskii. Starsh.-serzh no 3;18 Mr '62.

Planes can be released to fly N. Simchenko Starsh.-serzh. no 3 11 Mr '62.

AIRSHIPS

Atomic giants yearn for the sky. V Belotserkovskii. Smena 39 no 8 22-23 Ap '62.

AKKERMAN, RAKHIL' LAZAREVNA, 1886-1961

In memoriam Rakhil' Lazarevna Akkerman. Vest. oft. no. 2 94 '62.

AKMOLINSK see Tselinograd

AKMOLINSK COUNTY—LAND TENURE

Written answers of Russian settlers in northern Kazakhstan to a questionnaire on land tenure, November-December 1917 G Dashkiger, N kalita. Izv AN kazakh. SSR Ser. ist., arkheol i etn. no 1 84-98 '62.

AKMOLINSK PROVINCE see Tselinograd Province

AKSANOV, SERGEI TIMOFEEVICH, 1791-1859

Good memory. IA. Mitskov. Neva no. 1 222 '62.

"The life and work of S. T. Aksanov" by S. Mashinskii. Reviewed by Lev Ozerov. Oktiabr' 39 no. 2-219-220 F '62.

AKTYUBINSK—CHEMICAL INDUSTRIES—ACCOUNTING

Economic work should not lag behind technological progress. N. Neimer. Nar. khoz. Kazakh 20 no. 3-35-37 Mr '62.

AKTYUBINSK PROVINCE—TRICHODERMA

Distribution of Trichoderma in soils of Semipalatinsk and Aktyubinsk Provinces of Kazakhstan. A. A. Levina. Trudy Inst mikrobiol i virus. AN Kazakh SSR 5;121-128 '61

ALA-TAU, DZUNGARIAN see Dzungarian Ala-Tau

ALA-TAU, KUZNETSK see Kuznetsk Ala-Tau

ALA-TAU, ZAILIYSKIY see Trans-Ili Ala-Tau

ALAKURTTI REGION—METALS, RARE AND MINOR

New data on some minerals in the Alakurtti No. 1 vein A. P. Kalita. Trudy Inst. min., geokhim. i kristallokhim. red. elem. no. 2 164-172 '59.

ALAKURTTI REGION—TRACE ELEMENTS

Paragenesis of accessory rare metal minerals in the Alakurtti No. 1 pegmatite vein A. P. Kalita. Trudy Inst. min., geokhim i kristallokhim. red. elem no 2 255-264 '59

ALANINAMIDE

Amidoester rearrangement of di(β-chloroethyl) amides of aminocarboxylic acids T S. Safonova, S. I. Sergievskaia Zhur. ob khim 32 no 4 1351-1352 Ap '62

ALANINE

Reaction of p-nitrophenyl ester of carbobenzoxy-D-phenylalanine with chymotrypsin. M. M. Botvinik, I. P. Kuranova. Dokl. AN SSSR 143 no. 5-1094-1097 Ap '62.

ALAPAYEVSK—ECONOMIC CONDITIONS

Bystrov, S. K., and A. M. Moshkin. [Alapayevsk] Alapaevsk. [Sverdlovsk] Sverdlovskoe knizhnoe izd-vo, 1961. 125 p

[MICROFILM]

ALAPAYEVSK—HISTORY

Bystrov, S. K., and A. M. Moshkin. [Alapayevsk] Alapaevsk. [Sverdlovsk] Sverdlovskoe knizhnoe izd-vo, 1961. 125 p.

[MICROFILM]

ALBITOPHYRES see subdivision under Bolnisi District

ALCHEVSKAIA, KHRISTINA DANILOVNA, 1841-1920

Patriotic contribution to the cause of public education and pedagogics. O. R Mazurkevich. Rud. shk. 41 no. 5 45-52 My '62.

ALCOHOL—PHYSIOLOGICAL EFFECT

Blood sugar change under the influence of cyanides and alcohol following their separate and combined action. S. N. Sinitsyn. Farm. i toks. 25 no. 1;113-114 Ja-F '62.

ALCOHOL, DENATURED

Effect of gamma radiation on the catalytic activity of copper oxides in the dehydrogenation reaction of ethyl alcohol [with summary in English]. T. V TSetskhladze, G. Sh. Kalandadze. Trudy Inst. fiz. AN Gruz SSR 6-61-68 '58.

Treatment of obliterating thrombangiopathy of the lower extremities with alcohol-novocaine blockade of the sympathetic ganglia. A. P. IUrikhin. Nov. khir. arkh. no. 3;53-55 '62.

ALCOHOLISM

Pathophysiology of chronic alcoholism. A. I. Kuznetsov. Trudy Semipal med inst 2-242-253 '59.

ALCOHOLS

Catalytic properties of iron phosphate. Report No. 1: Dehydration of alcohols. A. A. Balandin, A. I. Kukina, N. E. Malenberg. Izv. AN SSSR. Otd. khim. nauk no. 4: 574-581 Ap '62.

Contraction of aqueous solutions of alcohols at 237°C. I. M. Rodnianskii, V. I. Korobkov, I. S. Gaiinker. Izv. vys. ucheb. zav., khim. i khim. tekh. 5 no. 1;62-64 '62.

ALLERGY

Anaphylactic shock as a complication following treatment with vitamin B_{12}. IU.D. Borodulin. Klin. med. no. 6:139-141 '61.

Dynamics of the allergic skin test in whooping cough [with summary in English]. I.V. Dinditunova. Zhur. mikrobiol., epid. i immun. 33 no. 3 27-32 Mr '62

Role of the mechanisms of dynamic stereotypy in the physiological measures of defense. V.I. Lukianenko. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. no. 9:116-122 '61.

Significance of the specific sensitization of the body in the process of protein resorption from tissues [with summary in English]. B.M. Sagalovich, G.G. Melkumova. Biul. eksp. biol. i med. 53 no. 4:84-87 Ap '62.

ALLOYS

Analysis of impurities in refractory alloys based on nickel, cobalt, iron, and chromium [with summary in English]. Z.S. Mukhina, I.A. Zhemchuzhnaia, G.S. Kotova. Zhur. anal. khim. 17 no. 2:170-174 Mr-Ap '62

Melting diagrams of the system LiF_2 - BaF_2 - $NaCl_2$. V.I. Vereshchagina. Zhur. neorg. khim. 7 no. 4:873-876 Ap '62.

Photometric determination of titanium in nickel- and iron-based refractory alloys with the use of diantipyrylmethane [with summary in English]. I.IA. Poliak. Zhur. anal. khim. 17 no. 2:206-211 Mr-Ap '62

Prognosis of approximate melting points of certain alloys in the system Ni - Ti - Cr - Mo - W - Nb. F.M. Perel'man. Zhur. neorg. khim. 7 no. 4:844-849 Ap '62.

ALLOYS—HARDENING

Factors of alloy hardening with formation of solid solutions. L.N. Guseva, A.A. Babareko. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 2:78-83 Mr-Ap '62.

ALLOYS—METALLURGY

Preparation of various alloys by metallothermy. Report No. 1: Limits in the use of aluminothermic reactions. N.G. Kliuchnikov. Uch. zap. MGPI no. 146 247-251 '60

ALLOYS, HEAT-RESISTANT see Heat-resistant alloys

ALLOYS, NONFERROUS see Nonferrous alloys

ALLUVIUM see subdivision under Markha Valley; Soviet Central Asia; Tyung Valley

ALMA-ATA—CONSTRUCTION INDUSTRY

Organization is a decisive factor of success. V. Cheglakov. Nar. khoz. Kazakh. 20 no. 3:28-30 Mr '62.

ALMA-ATA—CONSTRUCTION INDUSTRY—FINANCE

Obstacles in the way of business accounting. A. Sarkits. Nar. khoz. Kazakh. 20 no. 3:25-27 Mr '62

ALMA-ATA—FUR WORKERS

Working day of the head of a factory committee. V. Liutikov. Sov. profsoiuzy 18 no. 2:23-24 Ja '62

ALMA-ATA—LEISHMANIASIS

Cutaneous leishmaniasis in the city of Alma-Ata. K.D. Gorina and others. Zdrav. Kazakh. 22 no. 2:47-48 '62.

ALMA-ATA—WORKS COUNCILS

Working day of the head of a factory committee. V. Liutikov. Sov. profsoiuzy 18 no. 2:23-24 Ja '62

ALMA-ATA PROVINCE—AGRICULTURE—STUDY AND TEACHING

We are glad to report. IUn. nat. no. 4:3 Ap '62

ALMA-ATA PROVINCE—MYCOSIS

Preliminary results in controlling fungal diseases in Alma-Ata Province. A.P. Chikov. Zdrav. Kazakh. 22 no. 2:7-13 '62.

ALMA-ATA PROVINCE—PASTURES AND MEADOWS

Amount of carotene and vitamin C in pasture fodder for sheep in Alma-Ata Province, preliminary report. V.T. Krikavtsov. Trudy AZVI 9,77-84 '56.

ALMA-ATA PROVINCE—SOILS

Akademiia nauk Kazakhskoi SSR, Alma-Ata, Institut pochvovedeniia. [Soils of the Kazakh S.S.R. in 16 volumes] Pochvy Kazakhskoi SSR v 16 vypuskakh. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR.
Vol. 4. Sokolov, S.I., and others. [Alma-Ata Province] Pochvy Alma-Atinskoi oblasti. 1962. 422 p.

ALMA-ATA PROVINCE—VEGETABLES

Carotene content of the vegetation of Alma-Ata Province. (Report No. 2). N.S. Kuchinskaia. Zdrav. Kazakh. 22 no. 2:56-60 '62.

ALMA-ATA REGION—TOMATOES—DISEASES AND PESTS

Big bud of tomatoes and virus yellows in the Alma-Ata region. M.I. Golʹdin, M.A. IUrchenko. Trudy Inst. mikrobiol. i virus. AN Kazakh. SSR 5:139-147 '61.

ALMALYK—NONFERROUS METAL INDUSTRIES—WASTE PRODUCTS

For the comprehensive utilization of the rich raw material resources of Almalyk. M. Makhov, A. Lomov. Nar. khoz. Uzb. 4 no. 3 67-72 Mr '62.

ALMALYK REGION—ROCKS, CRYSTALLINE AND METAMORPHIC

Hydrothermally alternated rocks of the Sauk-Bulak ore deposit. V.I. Aizenshtat. Uzb. geol. zhur. 6 no. 2: 22-27 '62

AL'METYEVO—RESTAURANTS, LUNCHROOMS, ETC.—EQUIPMENT AND SUPPLIES

Tomatoes and green salad in winter. I. Vladimirog. Obshchestv. pit. no. 1:49 Ja '62.

ALOE

(see also subdivision under Kobuleti, Georgia)

Indications for electrophoresis with aloe extract and diathermy in the treatment of postoperative and posttraumatic complications [with summary in English]. L.E. Cherikchi. Ort. i travm. no. 2 87-93 '62

ALOPECIA see Baldness

ALPHA RAYS—DECAY

Fine structure of nuclear masses as revealed in α-decay. V.N. Andreev. Zhur. eksp. i teor. fiz. 42 no. 3 913-915 Mr '62.

ALTAI MOUNTAINS—COPPER ORES

Conditions governing the formation of the copper-molybdenum stockwork deposit in the Altai. Zh.D. Nikol'skaia. Trudy VSEGEI 60:47-50 '61

Some characteristics of the localization of copper mineralization in complex metal deposits of the southwestern Altai. M.G. Khisamutdinov. Trudy VSEGEI 60:5-13 '61.

ALTAI MOUNTAINS—GEOLOGY, STRATIGRAPHIC

Plan for dividing Lower Cambrian sediments in the Sayan-Altai folded region [with summary in English]. I.T. Zhuravleva, L.N. Repina, V.V. Khomentovskii. Geol. i geofiz. no. 1 21-41 '62.

ALTAI MOUNTAINS—GEOLOGY, STRUCTURAL

Basic characteristics of the tectonics of the central and eastern parts of the Altai-Sayan region. A.L. Dodin. Trudy VSEGEI 66:21-32 '61.

Structural significance of the Tigirek-Chuya shear zone in the Gornyy Altai. K.L. Volochkovich. Trudy Inst. min., geokhim. i kristallokhim. red. elem. no. 2:242-254 '59.

ALTAI MOUNTAINS—IRON ORES

Regularities in the distribution of magmagene iron-ore deposits of the Altai-Sayan folded area. G.L. Pospelov. Zakonom. razm. polezn. iskop. 2 244-288 '59

ALTAI MOUNTAINS—MAGNETITE

Genesis of magnetite mineralization in granites of the Tigirek massif in the Altai [with summary in English]. V.P. Kovalev. Geol. i geofiz. no. 2 66-76 '62

ALTAI MOUNTAINS—MOLYBDENUM ORES

Conditions governing the formation of the copper-molybdenum stockwork deposit in the Altai. Zh.D. Nikol'skaia. Trudy VSEGEI 60:47-50 '61.

ALTAI MOUNTAINS—ORE DEPOSITS

Characteristics of the ore manifestation in zones of intensive schistosity as revealed by Grekhovskoye complex metal deposits. I.V. Liakhnitskaia. Trudy VSEGEI 60 15-30 '61.

Genetic types and stages of the sulfide mineralization of the Rudnyy Altai. P.F. Ivankin. Zakonom. razm. polezn. iskop. 2,351-371 '59

Structures of ore regions, fields, and deposits of the Rudnyy Altai. G.F. IAkovlev. Zakonom. razm. polezn. iskop. 2 332-350 '59.

ALTAI MOUNTAINS—ROCKS, CRYSTALLINE AND METAMORPHIC

Hydrothermal alternation of rocks of the Zmeinogorsk deposit in the Altai. N.N. Kurek, T.A. Lutkovskaia, A.I. Kurek. Trudy VSEGEI 60:101-200 '61.

ALTAI MOUNTAINS—SCHEELITE

Stages of the formation of scheelite stockwork in the Urzarnayskoye deposit of the Gornyy Altai. Zh.D. Nikol'skaia. Trudy VSEGEI 60:81-86 '61.

ALTAI MOUNTAINS—TRACE ELEMENTS

Accessory minerals in granitoids of the Gornyy Altai. V.V. Liakhovich and others. Trudy Inst. min., geokhim. i kristallokhim. red. elem. no. 2:144-163 '59.

ALTAI TERRITORY—AGRICULTURAL RESEARCH

In the Altai Institute of Agriculture. D.P. Sokol'skii. Vest. sel'khoz. nauki 7 no. 2:148-151 F '62.

Soil is generous. R. Podol'nyi. Znan. sila 37 no. 3:2-4 Mr '62.

ALTAI TERRITORY—AGRICULTURAL WORKERS

Springs. N. Ivanov. Sov. profsoiuzy 18 no. 2:39-40 Ja '62.

ALTAI TERRITORY—AGRICULTURE

Georgiev, A.V. [Progressive experience is beneficial to the whole nation] Peredovoi opyt - nashe bogatstvo. Moskva, Izd-vo "Sovetskaia Rossiia," 1962. 106 p. (Reshenila XXII s"ezda KPSS - v zhizn'!)

ALTAI TERRITORY—BEANS

At the "We'll triumph Station" R. Kologrivov. Znan sila 37 no. 4:12-13 Ap '62

ALTAI TERRITORY—CLEARINGHOUSE

Bureaus of clearing payments attached to construction trusts, and business accounting. A. Shchetinin. Den. i kred. 20 no. 4:71-74 Ap '62.

ALTAI TERRITORY—COMMUNIST YOUTH LEAGUE

For the highly important construction projects. K. Zhuravleva. Komsom. zhizn' no. 8:17 Ap '62

ALTAI TERRITORY—CORN (MAIZE)

At the "We'll triumph Station" R. Kologrivov. Znan. sila 37 no. 4:12-13 Ap '62

ALTAI TERRITORY—FARM MECHANIZATION—STUDY AND TEACHING

Scientific achievements and the practice of progressive workers are the basis for the training of machine operators. N. Riabov, P. Fateev. Prof.-tekh. obr. 19 no. 4 3-4 Ap '62

ALTAI TERRITORY—FEEDS

Shevchenko, F.P. [Toward the goals of 75 and 16 centners] K rubezham 75 i 16. Moskva, Izd-vo "Sovetskaia Rossiia," 1962. 142 p.
(DA)

ALTAI TERRITORY—HAMSTERS

Method of labeling used in studying the movements of hamsters in the Altai Territory [with summary in English]. E.V. Karaseva. Zool. zhur. 41 no. 2 275-285 F '62

ALTAI TERRITORY—LIBANOTIS

Comparative study on the wild Libanotis species in the Altai Territory as a source for obtaining aromatic oil. E.V. Tiurina. Trudy TSSBS no. 4:61-68 '60.

ALTAI TERRITORY—PEASANTRY

Savel'ev, N. [Peasant reform of 1861 in the Altai] Krest'ianskaia reforma 1861 goda na Altae. Barnaul, Altaiskoe kraevoe izd-vo, 1950. 61 p.
(NNC)

ALTAI TERRITORY—PIGMENTS

Dyes of the Altai Territory. A.F. Kurakin. Priroda 51 no. 4:94 Ap '62.

ALTAI TERRITORY—RURAL LIBRARIES

Using the power of example. P. Eremeev. Bibliotekarʹ no. 4:24-25 Ap '62.

ALTAI TERRITORY—WILD OATS

Method for controlling wild oats in the Altai Territory [with summaries in English, German, and French]. R.D. Rusinova. Vest. sel'khoz. nauki 7 no. 3:31-40 Mr '62.

ALTITUDE, INFLUENCE OF

Normalization of temperature conditions for the operation of compressors in high elevation mines. G.P. Gerasimenko, D.F. Puzoshchatov. Izv. vys. ucheb. zav.; tsvet. met. 3 no. 2:21-26 '60.

Some changes in the hematological indices in subjects living and working at high altitudes above sea level. P.K. Stolanov. Probl. gemat. i perel. krovi no. 4:9-11 '62

ALTRUISM

Their selfless deeds. Komsom. zhizn' no. 8:31-32 Ap '62.

ALUMINA CEMENT

Kravchenko, I.V. [Alumina cement] Glinozemistyi tsement. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 174 p.

ALUMINOSILICATES

Thermocatalyzed transformation of pentaerythritol on an aluminosilicate catalyst. A.F. Dobrianskii, G.V. Markina. Zhur. ob. khim. 32 no. 4 1307-1310 Ap '62

ALUMINOSILICATES—SPECTRA

Infrared absorption spectra of aluminosilicate adsorbents. O.N. Setkina. Trudy LTI no. 48:191-196 '58.

ALUMINOTHERMY

Preparation of various alloys by metallothermy. Report No. 1: Limits in the use of aluminothermic reactions. N.G. Kliuchnikov. Uch. zap. MGPI no. 146 247-254 '60

Preparation of various alloys by metallothermy. Report No. 2: Preparation of chromium and its two-component alloys by aluminothermy. N.G. Kliuchnikov. Uch. zap. MGPI no. 146:255-262 '60

Preparation of various alloys by metallothermy. Report No. 3: Aluminothermy for the preparation of two-component titanium alloys. N.G. Kliuchnikov. Uch. zap. MGPI no. 146:263-272 '60

ALUMINUM

Solution of aluminum in alkalies. S.A. Balezin, I.I. Klimov. Izv. vys. ucheb. zav.; khim. i khim. tekh. 5 no. 1:82-86 '62.

ALUMINUM—ANALYSIS

Conductometric analysis of aluminum in the presence of iron. G. B. Pasovskaia. Izv. vys. ucheb. zav., khim. i khim. tekh. 5 no. 1 43-45 '62.

Determination of titanium and aluminum in triethylaluminum production wastes. B. M. Luskina, S. V. Slavtsallio, G. G. Larikova. Plast. massy no. 3, 16-18 '62.

ALUMINUM—ELECTROMETALLURGY

Aluminum losses and current efficiency in cryolite-alumina melts containing calcium fluorides and magnesium. O. K. Sokolov, A. I. Beliaev. Izv. vys. ucheb. zav.; tsvet. met. 3 no. 2:96-101 '60.

ALUMINUM—METALLURGY

The youth of the most ancient science. L. Lifshits. Sov. voin. 44 no. 1:25 Ja '62.

ALUMINUM—TESTING

Measuring true stresses in aluminum and zinc tensile tests at high temperatures. O. S. Mironov, E. M. Volin. Zav. lab. 28 no. 3:359 '62.

ALUMINUM—WELDING

Welding aluminum and its alloys in instrument manufacture. B. A. Maksimikhin. Av. prom. 26 no. 8 10-16 '57.

ALUMINUM, STRUCTURAL

Aluminum alloys for construction elements. V. P. Sukhanov, S. A. Timashev. Trudy NII prom. zdan. i soor. no. 5:56-89 '61.

Kotliar, E. F. [Aluminum construction in foreign countries] Stroitel'nye konstruktsii iz alumineyvkh splavov za rubezhom. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 134 p.

Moscow. Moskovskii inzhenerno-stroitel'nyi institut. [Metal construction, present state and outlook for future development] Metallicheskie konstruktsii; sostoianie i perspektivy razvitiia. Pod obshchei red. N. S. Streletskogo. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 333 p.

Prestressed aluminum structures having large-span roofs with suspended cranes. B. A. Speranskii, F. F. Tamplon. Trudy NII prom. zdan. i soor. no. 5:90-123 '61.

ALUMINUM ACETATES

Volumetric method for determining the basic aluminum acetate in Burow's solution. L. S. Feklisova. Apt. delo 11 no. 1:53-55 Ja-F '62.

ALUMINUM ALLOYS

Aluminum alloys for construction elements. V. P. Sukhanov, S. A. Timashev. Trudy NII prom. zdan. i soor. no. 5:56-89 '61.

Let's introduce elements made of aluminum alloys into urban construction. Iu. Dykhovichnyi, S. Krivin. Stroi. i arkhit. Mosk. 10 no. 11:18-22 N '61.

Study of the cyclic strength of AMg-6 aluminum alloy and of welded joints made of this alloy. A. V. Sil'vestrov. Izv. vys. ucheb. zav., stroi. i arkhit. 5 no. 1:82-90 '62.

What causes the weakening of aluminum alloy bearings. N. K. Babaev. Vest. TSNII MPS 21 no. 2:56-61 '62.

ALUMINUM ALLOYS—ANALYSIS

Analysis of aluminum antifriction alloys with a high content of tin. K. N. Ershova. Trudy TSNII MPS no. 227 4-18 '62.

ALUMINUM ALLOYS—CORROSION

Investigating the stability of phosphate films on AMts, AMg, and D-16 aluminum alloys in benzine and water-benzine media at normal temperature and during its modification. L. S. Krapivkina. Uch. zap. MGPI no. 140, 202-205 '60.

rosion
or A. I.
206-216

ure in
I, E. G.
111-312

resis-
M. N.
o. 2:

he
welding,
in.

/ welds
uto.

anufac-
10-16

the
dliander.
2.

ALUMINUM-GERMANIUM ALLOYS—ELECTRIC PROPERTIES

Aluminum solubility in germanium and the effect of aluminum on certain electric properties of germanium. V. S. Zemskov and others. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 2 131-134 Mr-Ap '62.

ALUMINUM-GERMANIUM-PHOSPHORUS ALLOYS see Germanium-aluminum-phosphorus alloys

ALUMINUM HYDROXIDE

Composition of aluminocarbonate compounds in aluminum hydroxide as affected by the carbonization rate of aluminate solutions. B. Kh. Shvartsman, N. S. Volkova. Zhur. prikl. khim. 35 no. 4 906-908 Ap '62.

ALUMINUM INDUSTRY see subdivision under Erivan; Siberia, Eastern

ALUMINUM INDUSTRY—BY-PRODUCTS

Gallium recovery from wastes of the aluminum industry. N. I. Eremin. Izv. vys. ucheb. zav.; tsvet. met. 3 no. 2:108-112 '60.

ALUMINUM INDUSTRY—CONGRESSES

Technological conference of workers in the aluminum industry. A. I. Beliaev, L. A. Firsanova. Izv. vys. ucheb. zav., tsvet. met. 3 no. 2:166-168 '60.

ALUMINUM-IRON ALLOYS see Iron-aluminum alloys

ALUMINUM-MAGNESIUM ALLOYS—WELDING

Pressure welding of rolled aluminum-magnesium alloy shapes. A. I. Shestakov, A. A. Rossoshinskii. Avtom. svar. 15 no. 5:85-88 My '62.

ALUMINUM-NICKEL-CHROMIUM ALLOYS see Nickel-chromium-aluminum alloys

ALUMINUM NITRIDE

Technology of producing aluminum nitride and possibility for its industrial use. G. V. Samsonov, T. V. Dubovik. TSvet. met. 35 no. 3:56-61 Mr '62.

ALUMINUM ORGANIC COMPOUNDS

Reaction of organoaluminum compounds with alkyl halides. A. G. Pozamantir, M. L. Genusov. Zhur. ob. khim. 32 no. 4 1175-1179 Ap '62.

ALUMINUM OXIDE

Effect of ionizing radiation on the catalytic activity of aluminum oxide in the dehydration of dodecyl alcohol. I. Spitsyn, I. E. Mikhailenko, G. N. Pirogova. Dokl. AN SSSR 143 no. 5:1152-1155 Ap '62.

Properties and microstructure of thick anodic films on aluminum. F. P. Zalivalov, M. N. Tiukina, N. D. Tomashov. Zhur. VKHO 7 no. 2:235-236 '62.

ALUMINUM-PHOSPHORUS-SILICON ALLOYS see Silicon-aluminum-phosphorus alloys

ALUMINUM PIPE see Pipe, Aluminum

ALUMINUM-RHENIUM ALLOYS see Rhenium-aluminum alloys

ALUMINUM SILICATES

Resonance dielectric losses in aluminum silicates. V. A. Ioffe, I. S. Ianchevskaia. Fiz. tver. tela 4 no. 3:668-680 '62.

ALUMINUM-TITANIUM ALLOYS see Titanium-aluminum alloys

ALUMINUM-TITANIUM-CHROMIUM ALLOYS see Titanium-aluminum-chromium alloys

ALUMINUM-TITANIUM-MOLYBDENUM ALLOYS see Titanium-molybdenum-aluminum alloys

ALUMINUM-ZINC ALLOYS—METALLOGRAPHY

Submicrostructural characteristics of naturally aged aluminum-zinc solid solutions. G. P. Kushta, O. I. Rybailo. Izv. vys. ucheb. zav.; tsvet. met. 3 no. 2:153-155 '60.

ALUMINUM-ZINC-MAGNESIUM ALLOYS see Zinc-aluminum-magnesium alloys

ALUNITE see subdivision under Dashkesan region

AMATEUR ART ACTIVITIES see subdivision under Zemetchino District

AMATEUR RADIO STATIONS

An interesting expedition. I. Zhuchenko. Radio no. 4:20 Ap '62.

Short and ultrashort waves. Radio no. 4:17-18 Ap '62.

Story of the club collective of a radio station. F. Chernyshov. Radio no. 4:15 Ap '62.

They have been awarded the first prize in shortwave radio communication. N. Kazanskii. Radio no. 4:19 Ap '62.

A year of work on QRP. I. Tokarev. Radio no. 4 26 Ap '62.

AMATEUR RADIO STATIONS—EQUIPMENT AND SUPPLIES

Correspondence Society of Radio Amateurs, 7th lesson. M. Rumiantsev. IUn. tekh. 6 no. 3:54-56 Mr '62.

AMATEUR THEATRICALS

Encounter with the future. I. Shmidt. Neva no. 3 216-218 '62.

AMBARY HEMP

Effect of ammonium carbonate on the anaerobic retting microflora of slow-retting ambary hemp. V. G. Golikov. Trudy Vses. inst. sel'khoz. mikrobiol. no. 14, 316-332 '58.

AMEBIASIS

Diagnostic errors in amebic abscesses of the liver. O. G. Babaev. Klin. med. no. 2:51-57 '62.

AMEBIC DYSENTERY see Amebiasis

AMERICAN FOUL BROOD see Foul brood, American

AMERICAN LITERATURE—HISTORY AND CRITICISM

Samokhvalov, N. I. [Rise of critical realism in the literature of the United States, 1830-1885] Vozniknovenie kriticheskogo realizma v literature SShA, 1830-1885. [Krasnodar] Krasnodarskoe knizhnoe izd-vo, 1961. 457 p.

AMIDES

Compounds with a potential antitubercular activity. Part 3. Thio amides of 2-substituted 4-oxazolecarboxylic acids. T. P. Sycheva, T. Kh. Trupp, M. N. Shchukina. Zhur. ob. khim. 32 no. 4:1071-1077 Ap '62.

Preparation of esters by the acylation of alcohols and phenols by amide hydrochlorides. E. N. Zil'berman, A. E. Kulikova. Zhur. prikl. khim. 35 no. 4 869-872 Ap '62.

Preparation of melamine and its derivatives from dicyanodiamide in organic solvents. A. E. Kretov, Zh. V. Shmeleva. Zhur. prikl. khim. 35 no. 4 884-887 Ap '62.

Steric factors in the reaction of dehydrobromination of amides of β-bromo-substituted acids. I. L. Knuniants, E. E. Rytalin, N. P. Gambarian. Zhur. ob. khim. 32 no. 4 1262-1271 Ap '62.

Synthesis of amides of β-phenylisopropylamine and of some carboxylic acids. A. M. Khaletskii, V. G. Pesin, I. G. Vitenberg. Zhur. ob. khim. 32 no. 4:1068-1071 Ap '62.

Use of a new antituberculosis preparation—thiamide (1314 Th)—in combination with streptomycin or phthivazide [with summary in English]. M. A. Breger. Biul. eksp. biol. i med. 53 no. 4 75-78 Ap '62.

AMINES

Acid-base properties of ethylenediamine-ammonia platinum pentamines. I. I. Chernlaev, N. T. Kuznetsov. Zhur. neorg. khim. 7 no. 4:762-768 Ap '62.

C-fluoroamines. Part 1: 2- and 3-Fluoroalkylamines. V. G. Nemets, G. L. Epshtein. Izv. vys. ucheb. zav., khim. i khim. tekh. 5 no. 1 101-106 '62.

Interaction of ketene with nitrogen-containing bases. Part 11: Dichloro- and trichloroacetylation of amines. IU. V. Svetkin. Zhur. ob. khim. 32 no. 4:1037-1039 Ap '62.

Mixed iodopentamines of platinum. I. I. Chernlaev, N. T. Kuznetsov. Zhur. neorg. khim. 7 no. 4:756-761 Ap '62.

Organoboron compounds. Report No. 86. Reactions of 1, 2-dimyldiboranes with primary amines. B. M. Mikhailov, V. A. Dorokhov. Izv. AN SSSR. Otd. khim. nauk no. 4, 623-627, Ap '62.

Preparation of chloroacetyl and diethylaminoacetyl derivatives of optically active amines. N. I. Kudriashov, N. V. Khromov-Borisov. Zhur. ob. khim. 32 no. 4:1182-1187 Ap '62.

Reactivity of amines in the inner sphere of tetravalent platinum. IU. N. Kukushkin. Zhur. neorg. khim. 7 no. 4:769-775 Ap '62.

Stereochemical studies. Part 13. Rotatory dispersion of the derivatives of α-p-tolylethylamine and 2-aminobutane. V. M. Potapov and others. Zhur. ob. khim. 32 no. 4:1187-1191 Ap '62.

Syntheses based on ω-chloroalkanoic acids. Part 2. Alkylation of some amines by ω-chloroalkanoic acids. V. G. Avramenko, B. IA. Eryshev, G. V. Varvanina. Zhur. ob. khim. 32 no. 4:1123-1125 Ap '62.

Synthesis of benzo-substituted indolylisopropylamines. N. N. Suvorov and others. Izv. AN SSSR. Otd. khim. nauk no. 4:729-730 Ap '62.

AMINO ACID METABOLISM

Dynamics of free amino acids and amides in cotton seedlings. N. N. Karavaeva. Uzb. biol. zhur. 6 no. 2 17-24 '62.

Metabolism of aromatic amino acids in children with acute leucosis [with summary in English]. A. IA. D'iachkova, N. S. Kisliak. Vop. med. khim. 8 no. 2:144-149 Mr-Ap '62.

AMINO ACIDS

Amino sulfides and amino sulfones. Part 21: Reaction of nitrobenzene sulfochlorides with amino acids. I. Kh. Fel'dman. Zhur. ob. khim. 32 no. 4:1039-1042 Ap '62.

Amino sulfides and amino sulfones. Part 22: Reaction of sulfonomethylation of amino acids. I. Kh. Fel'dman. Zhur. ob. khim. 32 no. 4:1043-1046 Ap '62.

Changes in the amino acid composition of leaves in proliferous plants. V. O. Kazarian, K. A. Karapetian. Dokl. AN Arm. SSR 34 no. 2:89-92 '62.

AMINO ACIDS (continued)
Diurnal variations in the amount of amino acids in a sunflower leaf. T. F. Andreeva, G. F. Korzhova. Dokl. AN SSSR 144 no. 6:1155-1158 Ap '62.

Interaction of "active" dyes with α-amino acids. A. D. Vlasik, M. A. Chukalin. Zhur. prikl. khim. 35 no. 4:888-894 Ap '62.

Preparation of higher aliphatic α-amino acids from 5-phenyl-4-(thenylidene)-5-oxazolines. B. P. Babichenyl, P. A. Sarantanidis, I. A. Golubtsova. Dokl. AN SSSR 144 no. 6:1370-1374 Ap '62.

AMINO COMPOUNDS
Phosphates of certain amino acid inhibitors of zinc and copper corrosion in water. S. A. Balezin, G. V. Khrebtova. Uch. zap. MGPI no. 119:99-101 '60.

Segal', A. IA. [Handling of nitro and amino compounds] Pamiatka po obrashcheniiu s nitro- i aminoproduktami. Moskva, Goskhimizdat, 1961. 19 p. (Pamiatka po tekhnike bezopasnosti)

Temkin, I. S. [Tumors of the urinary bladder caused by cancerogenic amino compounds] Opukholi mochevogo puzyria, vyzvannye kantserogennymi aminosoedineniiami. 2. dop. i perer. izd. Moskva, Medgiz, 1962. 329 p.
(DNLM)

AMINO GROUP
Number of free amino and carboxyl groups in the antibiotic actinoidin [with summary in English]. A. B. Silaev, G. S. Laptenkha. Antibiotiki 7 no. 5:456-460 My '62.

AMINOPYRINE
Determination of phenols in water by means of pyramidon. V. I. Kaplin, N. G. Fedenko. Zav. lab. 28 no. 3:307-306 '62.

AMMONIA
Absorption of ammonia by water. S. A. Krachenitnikov, B. M. Bogdov. Izv. vys. ucheb. zav., khim. i khim. tekh. 5 no. 1:160-165 '62.

Chemical equilibrium in the synthesis of ammonia from nonstoichiometric mixtures. D. S. Tsiklis, A. I. Kultkova. Khim. prom. no. 3:172-174 Mr '62.

Derivatives of di(α-aminoacylamido) 1,4 benzoquinones. Part 1. Reaction of 2,5 dichloroacetanilino 3,6-dichloro 1,4 benzoquinone with ammonia and ethylene imine. A. N. Makarova, Z. M. Fedorova, A. IA. Berlin. Zhur. ob. khim. 31 no. 4:1205-1209 Ap '62.

Solubility of 1,2 diaminocyclohexanetetraacetic acid in ammonia and hydrochloric acid. A. I. Klygin, I. D. Smirnova. Zhur. ob. khim. 32 no. 4:1299-1302 Ap '62.

AMMONIA AS FERTILIZER
Determining the loss of anhydrous ammonia during application to soil [with summaries in English, German, and French]. M. A. Ivanov, F. V. Antonevskii. Vest. sel'khoz. nauki 7 no. 3:144-148 Mr '62.

System of machinery for applying liquid ammonia to the soil. I. V. Pavlovskii. Trakt. i sel'khozmash. 32 no. 5:14-16 Ap '62.

AMMONIUM CARBONATES
Effect of ammonium carbonate on the anaerobic retting and softening of slow retting variety hemp. V. G. Gorikov. Trudy Voron. inst. sel'khoz. mikrobiol. no. 14:310-332 '58.

AMMONIUM CHLORIDE
Effect of the conditions of mass crystallization process on the quality of ammonium chloride suspensions and crystals. V. I. Panov and others. Zhur. prikl. khim. 35 no. 4:705-717 Ap '62.

AMMONIUM COMPOUNDS
Triethylbenzyl ammonium chloride as a polarographic background for the negative potential range [with summary in English]. G. V. Kaplin. Zhur. anal. khim. 17 no. 2:258-259 Mr-Ap '62.

AMMONIUM FLUOBERYLLATE CRYSTALS
Thermodynamic examination of a ferroelectric phase transition in ammonium fluoberyllate crystals. B. A. Strukov, V. A. Koptsik. Kristallografiia 7 no. 2:234-237 Mr-Ap '62.

AMMONIUM HALIDES--SPECTRA
Crystalline structure and spectra of alkali halide and ammonium halide phosphors. F. D. Klement. Izv. AN SSSR, Ser. fiz. 26 no. 4:460-467 Ap '62.

AMMONIUM IODIDE
Combustion of inorganic salts - ammonium iodate and hydroxylamine sulfate. A. A. Shidlovskii. Zhur. prikl. khim. 35 no. 3:511-516 Mr '62.

AMMONIUM LACTATE
Feeding value of distillers' waste enriched with ammonium lactate [with summaries in English, German, and French]. I. K. Shenarev, Ul. S. Shkunkova. Vest. sel'khoz. nauki 7 no. 2:81-86 F '62.

AMMONIUM MOLYBDATES
Processing sodium molybdate solutions to ammonium molybdate. K. IA. Shapiro. Zhur. prikl. khim. 35 no. 3:486-491 Mr '62.

AMMONIUM SALTS
Detection of potassium ions in the presence of ammonium ions. A. N. Agte. Trudy 1-YI no. 40:187-186 '58.

New reaction of the rearrangement and splitting of quaternary ammonium salts. A. T. Babaian, M. G. Indzhikian, G. B. Bagdasarian. Dokl. AN Arm. SSR 34 no. 2:75-82 '62.

Thermal decomposition of the ammonium salt of nitrocyclohexane. I. V. Genkina, M. N. Gorodilenkaia. Zhur. VKHO 7 no. 2:237-240 '62.

AMMONIUM THIOCYANATE
Synthesis and characterization of crystals of some new ammonium thiocyanate compounds of nickel. E. K. Ilukhina. Zhur. neorg. khim. 7 no. 4:807-810 Ap '62.

AMMONOIDEA see subdivision under Caucasus, Northern, Ural Mountains

AMNESIA
Mechanism of retro- and anterograde amnesias [with summary in English]. F. D. Gorbov. Vop. psikhol. 8 no. 1:37-44 Ja-F '62.

AMNION--DISEASES
Morphology and histochemistry of formed smooth human chorion during the course of normal pregnancy and in hydramnion [with summary in English]. V. N. Kytmanov. Arkh. anat., gist. i embr. 42 no. 1:54-59 Ja '62.

AMPEROMETRIC ANALYSIS see Conductometric analysis

AMPHIBIA--EMBRYOLOGY see Embryology--Amphibia

AMPLIFIERS (ELECTRONICS)
Concerning the distribution of the settling time between the output and preliminary stages of an amplifier. E. N. Mokhov. Izv. vys. ucheb. zav., radiotekh. 4 no. 6:671-670. N-D '61.

Concerning the possibility of using microwave self oscillators in the capacity of regenerative amplifiers. Part 2. Amplifiers operating on four-terminal networks. I. V. Lebedev, Chen' Chzhun-mou, [Ch'en Chou-mou]. Izv. vys. ucheb. zav., radiotekh. 4 no. 6:629-630 N-D '61.

Graph of a linear amplifier with a complex load. F. Indzhikh. Izv. vys. ucheb. zav., radiotekh. 4 no. 6:681-685 N-D '61.

Relationship between the instability of the modulus and phase of the gain factor of an amplifier with single-channel feedback. M. S. Shmulevich. Elektrosviaz' 16 no. 3:28-34 Mr '62.

Tuning of a selective RC amplifier with increased negative selective feedback. A. I. Boltchenko. Radiotekhnika 17 no. 4:44-51 Ap '62.

AMPLIFIERS, ELECTRON-TUBE
Improvement of a simple low-frequency amplifier. G. Krylov. Radio no. 4:52 Ap '62.

Lozhnikov, A. P., and L. K. Sonin. [Cascode amplifiers] Kaskodnye usiliteli. Moskva, Gos. energ. izd-vo, 1961. 70 p. (Massovaia radiobiblioteka, no. 423)

Regenerative high-frequency and IF amplifiers. R. Gaukhman. Radio no. 4:23-24 Ap '62.

AMPLIFIERS, ROTATING see Rotating amplifiers

AMPLIFIERS, TRANSISTOR see Transistor amplifiers

AMPUTATION
Results of interscapular thoracic amputations for malignant tumors. A. S. Ol'shanetskii. Vest. khir. no. 4:84-90 '62.

AMUR VALLEY--ENGINEERING GEOLOGY
Zoning of the upper Amur River for purposes of engineering geology. G. A. Golodovskaia, E. M. Sergeev. Sov. geol. 5 no. 3:119-127 Mr '62.

AMUR VALLEY--PINE
Pine in the lower Amur Valley. E. P. Smolikova. Les. khoz. 15 no. 4:49-50 Ap '62.

AMYLOIDOSIS
Use of the methylene blue test for diagnosing amyloidosis. Kh. Sukiasian. Klin. med. no. 3:123-126 '61.

ANALYSIS, CHROMATOGRAPHIC see Chromatographic analysis

ANALYSIS, ELECTROCHEMICAL see Electrochemical analysis

ANALYSIS, MATHEMATICS see Functions

ANALYSIS OF FOOD see Food adulteration and inspection

ANALYTIC FUNCTIONS see Functions, Analytic

ANALYTICAL CHEMISTRY see Chemistry, Analytical

ANALYTICAL GEOMETRY see Geometry, Analytic

ANALYTICAL MECHANICS see Mechanics, Analytic

ANAPHYLAXIS
Desensitizing action of ascorbic acid. T. V. Parinskaia. Trudy Semipal. med. inst. 2:137-142 '59.

Effect of anaphylactic shock on precipitating antibody formation. Report No. 1. Mechanism of the effect of anaphylactic shock on a change in the precipitin titer [with summary in English]. V. A. Frolov. Zhur. mikrobiol., epid. i immun. 33 no. 4:113-111 Mr '62.

Signs of anaphylaxis in adrenalectomized rats with functional hypertension of nervous processes. R. K. Bondarev. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. no. 9:111-115 '61.

ANATOMY--BIBLIOGRAPHY see Bibliography--Anatomy

ANATOMY--CONGRESSES
Fifth Congress of the Society of Anatomists of Yugoslavia. S. Zhivanovich. Arkh. anat., gist. i embr. 42 no. 1:125-126 Ja '62.

Problems in electron microscopy at the Seventh International Congress of Anatomists. V. B. Sokolov. Arkh. anat., gist. i embr. 40 no. 5:111-117 My '61.

ANATOMY--STUDY AND TEACHING see subdivision under Azerbaijan

ANATOMY, HUMAN
"Anatomy of man" by A. G. Stankov. Reviewed by I. I. Tarasov. Fel'd. i akush. 27 no. 3:57-59 Mr '62.

ANATOMY, MICROSCOPIC see Histology

ANATOMY, PATHOLOGICAL see subdivision under Azerbaijan

ANATOMY, SURGICAL AND TOPOGRAPHICAL
"Surgical anatomy of the fasciae and cellular tissue spaces in man." Reviewed by IU. V. Rukin. Arkh. anat., gist. i embr. 40 no. 5:105-108 My '61.

ANATOMY, VETERINARY see Veterinary anatomy

ANCESTRY see Heredity

ANCHORAGE--HYDRODYNAMICS
Determining forces in mooring ropes and bridles under the dynamic effect of wind and waves. I. N. Davydov. Sudostroenie 28 no. 1:17-19 Ap '62.

ANCHOVIES see subdivision under Black Sea

ANCHOVIES--PARASITES see Parasites--Anchovies

ANCIENT ART see Art, Ancient

ANDALUSITE
Paramagnetic resonance of trivalent chromium in andalusite. V. M. Vinokurov and others. Fiz. tver. tela 4 no. 3:646-640 '62.

Studying the isomorphous features of Fe^{3+} ions in andalusite by the paramagnetic resonance method. V. M. Vinokurov and others. Kristallografiia 7 no. 2:318-320 Mr-Ap '62.

ANDESITE see subdivision under Transcarpathia

ANDIZHAN--CHEMICAL INDUSTRIES
Today and tomorrow of our plant. B. Bobovnikov, N. Voronenko. Nar. khoz. Uzb. 4 no. 3:34-37 Mr '62.

ANDIZHAN--MACHINERY INDUSTRY
Manufacture more machines for the national economy. N. Glikin. Nar. khoz. Uzb. 4 no. 3:31-34 Mr '62.

ANDIZHAN PROVINCE--COTTON GROWING
We shall produce cotton as well as meat! Nar. khoz. Uzb. 4 no. 3:37-39 Mr '62.

ANDIZHAN PROVINCE--ECONOMIC POLICY
Year of further improvement in the economy and culture of the province. S. Akhmedov. Nar. khoz. Uzb. 4 no. 3:20-31 Mr '62.

ANDREYEVSKIY DISTRICT--RETAIL TRADE
By a joint effort. I. Sopov. Sov. potreb. koop. 6 no. 4:49-50 Ap '62.

ANDRUSOV, NIKOLAI IVANOVICH, 1861-1924
Nikolai Ivanovich Andrusov; on the 100th anniversary of his birth. A. G. Eberzin. Paleont. zhur. no. 4:3-11 '61.

ANEMIA
Pathogenesis of Diphyllobothrium anemia [with summary in English]. K. P. Villako. Klin. med. no. 3:25-29 '61.

ANESTHESIA
Bronchoscopic study under anesthesia using muscle relaxants [with summary in English]. G. I. Feofilov and others. Sov. med. 26 no. 1:03-09 Ja '62.

Characteristics of the course of general anesthesia in Spirostomum ambiguum. L. N. Seravin. TSitologiia 4 no. 1:52-58 Ja-F '62.

Combined method of general and local anesthesia in gynecological laparotomies. E. Z. Rubinovich. Sbor. nauch. rab. Kaf. akush. i gin. GMI no. 1:176-178 '60.

Comparative evaluation of some types of anesthesia in transperitoneal total gastrectomy [with summary in English]. I. M. Miloslavskii. Vop. onk. 8 no. 3:39-48 '62.

Expediency of using present types of anesthesia in gynecological operations. I. I. Hryshchenko and others. Fel'd., akush. i gin. 23 no. 6:30-42 '61.

ANESTHESIA (Continued)
Modified model of the Jackson bronchoscope for bronchoscopy and bronchography under anesthesia with automatic respiration V. S. Chistikhin. Grud. khir no 2 106-109 '62.
Sorptive properties of the cerebral cortex in anesthesia [with summary in English]. Z. M. Zhevlakova. Biul. eksp. biol i med. 53 no. 4 71-74 Ap '62.
Use of the ethyl ester of meta-aminobenzoic acid (MS-222) for general anesthesia of cold-blooded animals [with summary in English]. V. I. Puchin, I. J. Blázek Biul eksp. biol i med 3[i e. 53] no 3 112-116 Mr '62

ANESTHESIA (ELECTRIC) see Electric anesthesia

ANESTHESIA, ENDOTRACHEAL see Intratracheal anesthesia

ANESTHESIA, LOCAL see Local anesthesia

ANESTHESIA IN CHILDHOOD see Pediatric anesthesia

ANESTHESIA IN OBSTETRICS
Anesthesia in labor using promedol K. V. Pankratova Sbor. nauch. rab. Kaf akush i gin GMI no. 2 56-59 '60
Clinical evaluation of the method of anesthesia in labor using hexenal A. N. Korolev Sbor. nauch. rab Kaf akush i gin. GMI no. 1 92-93 '60
Comparative characteristics of operations using obstetrical forceps under pupendal and ether inhalation anesthesia. P. P. Sydorov, V. P. Miroshnychenko, V. P. Karpushyn. Ped., akush. i gin. 23 no 6:44-47 '61
New method of anesthesia in operations for artificial abortion D. V. Polhorodnyk Ped., akush. i gin. 23 no. 6:49-50 '61.

ANESTHETICS
Convocaine benzoate for infiltration and conduction anesthesia. L. P. Semenov. Veterinariia 37 no. 10 54-55 O '60.

ANEURYSMS
Case of false intracranial aneurysm of the arteria comitans nervi ischiadici. A. M. Artem'ev. Nov. khir. arkh. no. 3:75-78 '62.

ANGARA VALLEY—CAVES
Caverns in the Angara Valley. P. P. Khoroshikh Inform sbor. Mezhd kom. po izuch. geol. geogr. kar. no 1:191-197 '60

ANGARA VALLEY—GEOLOGY, STRATIGRAPHIC
Stratigraphy and facies of Jurassic sediments in the Angara-Vilyuy trough. N. N. Tazikhin. Trudy VSEGEI 66:87-105 '61.

ANGINA PECTORIS
How to prevent stenocardia. I. A. Chernogorov. Zdorov'e 8 no. 3 12-13 Mr '62.
Intracutaneous novocaine block in stenocardia. S. R. Bell. Vop. pat. krovi i krovoobr. no. 5:139-144 '50.

ANGIOCARDIOGRAPHY
More precise contrast diagnosis of patent ductus arteriosus [with summary in English]. G. A. Kuchinskii. Kardiologiia 2 no. 2:64-68 Mr-Ap '62.
Tikhonov, K. B. [Angiography; methods and technics for contrast study of the blood vessels and cavities of the heart] Angiografiia; metodika i tekhnika kontrastnogo issledovaniia krovenosnykh sosudov i polostei serdtsa. [Leningrad] Medgiz, 1962. 279 p. (DNLM)

ANGIOGRAPHY
Method of vasography in occlusion of the iliac arteries. A. A. Moiseenko. Nov. khir. arkh. no. 3 49-53 '62
Tomographic study in coarctation of the aorta. I. Kh. Rabkin. Vest. khir. no. 4 42-43 '62.

ANGIOMA
Electrical asymmetry in superficial hemagiomas [with med.

ANKERITE see subdivision under Kara-Mazar

ANNEALING OF METALS
Reduction of the plasticity of metals annealed following small plastic deformations. A. IU. German and others. Izv. vys. ucheb. zav.; tsvet met. 3 no. 2:156-160 '60.

ANNIVERSARIES
Commemorative data in April-June, 1962. V. V. Tikhomirov, N. A. Voskresenskaia. Sov. geol 5 no 1 130-137 Ap '62
Historical dates Nar. asv. no. 3-88-89 Mr '62.
Noteworthy dates, science, culture, and education. Nar obr no. 4-127 Ap '62.

ANNUALS (PLANTS)
"Annual flowering plants," Reviewed by B. A. Bykov. Priroda 51 no. 4-123 Ap '62.

ANONYMS AND PSEUDONYMS, FRENCH
Deciphering eryptonymous 18th century works L. S. Gordon Kniga; issl i mat 5:213-221 '61

ANOXEMIA
Change in the thrombocyte composition of the blood in oxygen deficiency in animals with radiation sickness. N. A. Shelkovskii. Trudy Semipal. med. inst. 2.106-112 '59.
Characteristics of the blood system's reaction and general state of an animal to oxygen insufficiency in radiation sickness. A. Milov Trudy Semipal med inst. 2 118-128 '59.
Dombrovskaia, IU. F. [Clinical aspects and pathogenesis of hypoxemia in the growing body; clinical experimental observations] Klinika i patogenez gipoksemii rastushchego organizma, kliniko-eksperimental'nye nabliudeniia Pri uchasti A. S. Chechulina, A. N. Dombrovskogo i A. A. Rogova. Moskva, Medgiz, 1961. 264 p. (DNLM)
Effect on the animal organism of oxygen deficiency and prolonged radial accelerations [with summary in English]. N. A. Agadzhanian, A. R. Mansurov. Biul. eksp. biol. i med. 53 no. 4 42-46 Ap '62.
Oxygen insufficiency in myocardial infarct [with summary in English]. V. S. Larina. Kardiologiia 2 no. 2 74-77 Mr-Ap '62.

ANTARCTIC REGIONS
Everyday activities of the ice continent. Vokrug sveta no 4:28-29 Ap '62

ANTARCTIC REGIONS—ACCLIMATIZATION
Some physiological shifts in the human body during the process of acclimatization in the intracontinental regions of the Antarctic. I. I. Tikhomirov. Vest. AMN SSSR 17 no. 3:74-82 '62.

ANTARCTIC REGIONS—BIBLIOGRAPHY
Bibliography Inform biul Sov antark eksp. no. 31. 58-60 '61.

ANTARCTIC REGIONS—GEOLOGY, STRUCTURAL
Absolute age of rocks and the structure of Antarctica. P. S. Voronov Inform biul Sov. antark eksp. no. 31. 15-21 '61.

ANTARCTIC REGIONS—GEOPHYSICAL RESEARCH
Radio broadcasts from Antarctica. Inform. biul. Sov. antark. eksp no. 31 51-53 '61

ANTARCTIC REGIONS—METEOROLOGY
Russia (1923- U. S. S. R.) Glavnoe upravlenie gidrometeorologicheskoi sluzhby. [Materials of conferences dealing with the results of the International Geophysical Year (1960) and the meteorological exploration of Antarctica (1959)] Materialy konferentsii po itogam MGG (1960) i meteorologicheskogo izucheniia Antarktidy (1959). Pod red. K. T. Logvinova. Moskva, Gidrometeoizdat (otdelenie), 1961. 363 p.

ANTARCTIC REGIONS—NAUTICAL CHARTS
Soviet nautical charts of Antarctica. I. P. Kucherov. Inform biul. Sov antark. eksp. no 31:48-50 '61.

ANTARCTIC REGIONS—OCEAN CURRENTS
Deep-sea currents in the Antarctic Ocean. I. V. Maksimov, V. N. Vorob'ev. Inform biul. Sov. antark. eksp. no. 31:35-39 '61.

ANTARCTIC REGIONS—RADIO WAVES
Absorption of radio waves in the Antarctic as related to solar flares in July 1961. V. M. Driatskii. Inform. biul. Sov. antark. eksp. no 31 40-43 '61.

ANTARCTIC REGIONS—RUSSIAN EXPLORATION
Report map of the First Russian Antarctic Expedition, M. I. Belov. Inform. biul. Sov. antark. eksp. no. 31:5-14 '61.

ANTARCTIC REGIONS—SNOW
Snow cover between the South Magnetic and Geographical Poles. A. G. Dralkin. Inform biul. Sov. antark. eksp. no. 31.22-25 '61.

ANTARCTIC REGIONS—SOLAR RADIATION
Duration of sunshine in the Antarctic. I. D. Kopanev Inform. biul. Sov. antark eksp. no. 31:31-34 '61.

ANTENNAS (ELECTRONICS)
Concerning the theory of optimum linear antennas. E. V. Baklanov. Radiotekh. i elektron. 7 no. 5:906-907 My '62.

ANTENNAS, RADIO see Radio—Antennas

ANTEOS, PETROS
"Smile of Greece"; verse by P Anteos Reviewed by G Solov'ev. Moskva 5 no. 9:219 '61.

ANTHRACENESULFONIC ACID—SPECTRA
Studies of the anthracene and anthraquinone series. Part 35 Ultraviolet absorption spectra of anthracenemonosulfonic acids. V. V. Kozlov and others Zhur ob. khim. 32 no. 4 1241-1245 Ap '62.

ANTHRACNOSE
Grape anthracnose caused by Gleosporium ampelophagum and measures for its control A. I. Plokhanova Trudy Inst sad. AN Tadzh SSR 2:101-105 '60

ANTHRAQUINONESULFONIC ACID
Mercuration of 1-anthraquinonesulfonic acid. N. S. Dokunikhin, L. A. Gneva. Zhur. VKHO 7 no. 2.236-237 '62.

ANTHRAX
Production of a specific fluorescent anthrax serum [with summary in English]. V. A. Blagoveshchenskii and others. Zhur., mikrobiol., epid. i immun. 33 no. 3 18-23 Mr '62.

ANTHRAX—CONGRESSES
Third plenary session of the Interdepartmental Scientific Methodological Commission for the Control of Anthrax. V. V. Arkhipov. Veterinariia 37 no. 8:92-94 Ag '60.

ANTIAIRCRAFT ARTILLERY
(see also subdivision under Bulgaria)
The battery accomplished its mission D Grigor'ev Voen vest. 41 no. 3 85-86 Mr '62
Firing during short halts. A. Kozhevnikov. Voen vest 41 no. 4:86 Ap '62
Improve methods of firing. D. Miloserdov Voen vest. 41 no 4:86-88 Ap '62
Methods for controlling the training of a battery. N. Vasin. Voen. vest. 41 no 4:89-90 Ap '62
Sergeant Dergachev teaches. A Egorin. Starsh.-serzh no. 1-6-7 Ja '62.
Training a battery for actions on the march L. Lepekhin. Voen vest. 41 no. 3.00-84 Mr '62.

ANTIAIRCRAFT GUNS
Development of antiaircraft defense of troops in the Great Patriotic War. M. Tur Voen.-ist. zhur. 4 no. 1.15-24 Ja '62.

ANTIBIOTICS
Antibiotic activity of the fungi of the genus Trichoderma found in the soils of Kazakhstan. E. T. Nikitina, M. K. Isabaeva. Trudy Inst mikrobiol. i virus AN Kazakh SSR 5:39-43 '61.
Antibiotic sensitivity of dysenterial cultures isolated in the city of Leninogorsk. I. A. Savicheva. Zdrav. Kazakh. 22 no. 2:63-65 '62
Antibiotic treatment of pancreatitis complicated by diabetes mellitus [with summary in English] A. P. Pliskevich. Klin. med. no. 2:23-26 '62.
Apparatus for the production of antibiotics. I. R. Valashek, S. P. Smirenskii, R. D. Soifer. Veterinariia 37 no. 12:59-63 D '60.
Biological method for determining the activity of phytobacteriomycin at all stages of its production [with summary in English]. N. A. Vakulenko. Antibiotiki 7 no. 5:476-478 My '62.
Case of septicemia treated with antibiotics and calcium chloride. D. V. Usov. Klin med. no. 2:139-140 '62.
Cross resistance of colibacillus pathogens to some antibiotics [with summary in English]. A. D. Kovalenko. Antibiotiki 7 no. 5:471-472 My '62.
Experimental study of monomycin [with summary in English]. M. G. Glazman. Antibiotiki 7 no. 5:463-467 My '62.
Experimental study of the new antitumor antibiotic aurantin. A. M. Kharitonova, N. P. Gracheva. Vest. AMN SSSR 17 no. 3:13-23 '62.
Immediate and late results of antibiotic therapy for gonorrhea in women. B. S. Kaliner. Vest derm. i ven. no. 6:48-51 '61.
Microflora in the perineal wounds of puerperae in dehiscence of the sutures [with summary in English]. E. M. Solntseva. Antibiotiki 7 no. 5:473-475 My '62.
Mutagenic action of antibiotics. Report No. 2: Properties of auxotrophic mutants obtained from a prototrophic lysogenic culture of Salmonella typhimurium under the action of various antibiotics [with summary in English]. D. G. Kudlai, Chzhou Guan'-luan' [Chou Kuan-yüan], S. V. Prozorovskii. Antibiotiki 7 no. 5:460-464 My '62.
New antibiotics. Zdravookhranenie 5 no. 1:4 of cover Ja-F '62.
Organization of government control of the production of native and feed antibiotics. Veterinariia 37 no. 12: 79-80 D '60.
Preliminary research data on the toxicity of the antibiotic 1321. A. K. Balitskaia, G. G. Fedorenko. Trudy Inst. mikrobiol. i virusa. AN Kazakh. SSR 5:22-25 '61.
Results of studying the effect of some antibiotics on asymonellosis in animals. I. I. Kotenko. Vinnyk sil'hosp. nauky 5 no. 3:82-84 Mr '62.

BIOTICS (Continued)
hesis of precursors and fragments of antibiotics
rt 7 Carboxy derivatives of mercaptoacetic acid
S. Rabinovich and others Zhur ob khim 32 no 4
67-1172 Ap '62.

rapeutic effectiveness of antibiotics in diplococcal
pticemia of lambs. A. M. Rakhmanov, U Annabigin.
terinariia 38 no.1:41 Ja '61.

of antibiotics P I Gorlainov., and others.
terinariia 37 no 12:63-66 D '60

BIOTICS—CONGRESSES
rdinated conference on problems in studying and
ing antibiotics in agriculture and in the food industry
I. Zolepukha. Mikrobiol. zhur. 23 no.6 69-70 '61.

entific conference on the problem of investigating
d studying antitumor and antibacterial antibiotics.
A. Uspenskaia. Vest. AMN SSSR 17 no.3:89-93 '62.

BIOTICS—TOXICOLOGY
plications following resection of the lungs for sup-
rative processes connected with the use of antibiotics.
A. T Sybyrne Zdravookhranenie 5 no 1.24-26 Ja-F
2

COAGULANTS (MEDICINE)
atment of puerperal thrombophlebitis with anticoagu-
nts A. D. Ianieva Ped., akush i gin 23 no 3:46-50
1

e of anticoagulants in treating thrombosis of the
esenteric vessels. R. S. Ermoliuk, IU. M. Khomiakov.
ov. khir. arkh. no.3:74-75 '62.

-COMMUNIST MOVEMENTS
risov, IU. V. [Anticommunism is a weapon of
gression] Antikommunizm - orudie agressii.
oskva, Izd-vo 'Znanie," 1962. 31 p. (Novoe v
izni, nauke, tekhnike. Seriia 7. Mezhdunarodnaia,
.7)

GENS AND ANTIBODIES
orption of sera for luminescence analysis [with
ummary in English]. N A Kuz'min Zhur. mikrobiol.,
id. i immun 33 no 3.23-27 Mr '62.

igenic properties of iodinized bacterial proteins. V. O
usliko. Visnyk sil'hosp. nauky 5 no. 3:100-101 Mr
2.

igenic relations of the Boid-Novgorodskaia subspecies
f microbes, according to the Soviet classification [with
ummary in English]. L. F. Kuznetsova Zhur. mikro-
iol., epid. i immun. 33 no. 3:97-91 Mr '62.

igenic variability of tissues in normal conditions and
n leukemias [with summary in English]. V. S. Koro-
televa, P. N. Kostakov. Biul. eksp. biol. i med. 53
o.4:92-95 Ap '62.

fect of anaphylactic shock on precipitating antibody
rmation. Report No 3. Mechanism of the effect of
naphylactic shock on a change in the precipitin titer
with summary in English]. V. A. Frolov. Zhur. mikro-
iol., epid. i immun. 33 no. 3:113-114 Mr '62.

terogenic antigens of cancerous and normal human
ammary glands I. S. Bashkaev, M. N. Boeva. Vop
nk. 8 no. 4 75-77 '62

ssibility of detecting typhoid-paratyphoid bacteria in
he blood using luminescent sera [with summary in
nglish]. L. V. Mirolubova. Zhur. mikrobiol., epid. i
mmun. 33 no. 3:14-17 Mr '62.

ssibility of using specific fluorescent antibodies for
he rapid detection of Vibrio cholerae in water [with
ummary in English]. E. V. Chibrikova and others.
hur. mikrobiol., epid. i immun. 33 no. 3:0-14 Mr '62.

oduction of a specific fluorescent serum [with
ummary in English]. V. A. Blagoveshchenskii and
thers. Zhur. mikrobiol., epid. i immun. 33 no. 3:10-
3 Mr '62.

mulation of immunogenesis in irradiated animals by
ombined use of some bacterial antigens. N. N. Klem-
arskaia, G. A. Shal'nova. Radiobiologiia 2 no. 2:332
62

reptococcal antigens in patients with chronic nephritis
with summary in English]. I. M. Lampert, N. T.
Areshko, E. R. Agababova. Klin. med no. 2:81-86 '62

ulation of the synthesis of antibodies to the state of
ucleic acids. Report No. 1. A. I. Nikolaev, A Kh.
khmadieva. Med. zhur. Uzb no. 2:75-77 F '62.

le of tryptophan in the formation of active antibody
enters [with summary in English]. I. A. Tarkhanova,
A. IA. Kul'berg. Vop. med. khim. 8 no. 2:163-169
Mr-Ap '62.

THYALURONIDASE
ctivity of nonspecific antihyaluronidase in the blood of
children with toxic dyspepsia [with summary in English].
V. M. Prokopiv. Pediatriia no.4:24-28 '62.

TIMETABOLITES
iological methods of obtaining antimetabolites from a
malignant growth. G. F. Gauze. Vest. AMN SSSR 17
no. 3:3-12 '62.

TIMISSILE MISSILES
ocket against rockets(as revealed by foreign press data).
B. Surikov. Starsh.-serzh. no. 3:26 Mr '62.

TIMONY—ANALYSIS
etermination of antimony in ferromolybdenum. E. V.
Silaeva, V. I. Kurbatova. Zav. lab 28 no. 3:280-281
'62.

ANTIMONY-BISMUTH ALLOYS see Bismuth-antimony alloys

ANTIMONY-BISMUTH-SCANDIUM ALLOYS see Bismuth-antimony-scandium alloys

ANTIMONY-CADMIUM ALLOYS see Cadmium-antimony alloys

ANTIMONY CHLORIDES
Synthesis of organoantimony compounds via double diaryliodonium salts of antimony pentachloride. O. A. Ptitsyna, A. N. Kozlova, O. A. Reutov Izv AN SSSR. Otd khim. nauk no. 4 634-638 Ap '62.

ANTIMONY ORES see subdivision under Fergana

ANTIMONY ORGANIC COMPOUNDS
Synthesis of organoantimony compounds via double diaryliodonium salts of antimony pentachloride O. A. Ptitsyna, A. N. Kozlova, O. A. Reutov Izv. AN SSSR. Otd. khim. nauk no. 4 634-638 Ap '62

ANTIMONY-ZINC ALLOYS see Zinc-antimony alloys

ANTIOXIDANTS
Mechanism of the protective antioxidative action of some sulfur-containing compounds A. I. Zhuravlev, B. N. Tarusov Radiobiologiia 2 no. 2:177-180 '62
Using antioxidants to lower the temperature of mine air V D Karpukhin Trudy Sem po gor teplotekh no 3 71-77 '61

ANTIPYRINE
Comparative pharmacological characteristics of some acyl derivatives of 4-aminoantipyrine and 1-phenyl-3-methyl-4-amino-5-pyrazolone [with summary in English]. T. P. Prishchep. Farm. i toks 25 no.1 55-62 Ja-F '62.

ANTIQUITIES see Archaeology, also Man, Prehistoric, also subdivision 'Antiquities' under Armenia, Bishkend, Fergana; Gissar Valley, Kazakhstan, Khata-Khoto; Kiev, Kuban Valley, Kuybyshev District, Tajikistan; Latvia; Magian region, Minusinsk, Pendzhikent; Rostov Province; Stanislav Province; Tajikistan; Trubezh Valley

ANTIRELIGIOUS MUSEUMS see subdivision under Dnepropetrovsk

ANTIRETICULAR CYTOTOXIC SERUM
Use of the antireticular cytotoxic serum in puerperal pathology of cows. P. I. Maloletko. Veterinariia 37 no.10 60 O '60.

ANTISEPTICS
An effective antiseptic. A M. Ryzhov. Les khoz 15 no 4 74 Ap '62.

ANTISTREPTOLYSINS
Antistreptolysin O titer in Botkin's disease [with summary in English]. O. I. Vorobkova and others. Klin med. no. 2:63-66 '62

ANTITOXINS see Toxins and antitoxins

ANTS
Intraspecific relations of the wood ant Formica rufa L. (Hymenoptera, Formicidae) P. I. Markovskii Ent obor. 41 no. 1:83-93 '62

ANUS
Anal tonometry [with summary in English]. V. G. IAnchev. Klin. med. no. 2:119-126 '62

ANUS—ABNORMITIES AND DEFORMITIES
Atresia of the anus and rectum with fistulas into the sexual system in girls M. B. Sytkova'kyi. Ped., akush. i gin. 23 no. 3:45-47 '61.
Congenital stenosis of the anus and rectum in children. N. B. Sitkovskii. Pediatriia no.4:84-85 '62.

AORTA—DISEASES
Characteristics of the distribution of atherosclerosis of the aorta in the hot climate conditions of the Fergana Valley of the Uzbek S. S. R. M. IA. Lauter. Arkh. pat. no. 4:38-42 '62.
Data on the histochemistry of ascorbic acid in the aorta in arteriosclerosis. S. S. Kasabian. Arkh. pat. no 7. 46-50 '61
Subarachnoid hemorrhages in stenosis of the aortic isthmus. R. V. Mamichev, R. P. Svidovskaia. Vest. khir. no. 4:96-98 '62.
Tomographic study in coarctation of the aorta. I. Kh. Rabkin Vest. khir no. 4 42-43 '62.

AORTA—INNERVATION
Changes in the thrombocyte composition of the blood following denervation of the cardioaortic zone N. K Shelkovskaia. Trudy Semipal. med. inst. 2:113-117 '59.
Histological study of the innervation of the aorta in a frog. T. P. Arkhangel'skaia. Trudy Semipal. med. inst. 2 362-374 '59.

AORTIC VALVE—DISEASES
Diagnosis of mitral and aortic stenoses by the method of catheterization of the left cavities of the heart and aorta [with summary in English]. F. G. Uglov and others. Kardiologiia 2 no. 2:14-23 Mr-Ap '62.
Puncture of the heart in acquired mitral and aortic defects (survey of the literature). D. M. TSireshkin. Grud khir. no. 2:111-116 '62.

APARTMENT HOUSES
(see also subdivision under Kazakhstan)
Deformations of a large-panel apartment house on sagging soil with artificial wetting of the footing IU M. Abelev and others Osn., fund i mekh. grun. 3 no. 6: 12-15 '61
Guarantee papers V. Zatvornitskii Stroi i arkhit. Mosk 10 no. 11:28-29 N '61.

APARTMENT HOUSES—MAINTENANCE AND REPAIR
Russia (1917- R. S. F. S. R.) Ministerstvo kommunal'nogo khoziaistva. [Technical specifications for conducting and inspecting general and special construction work in the capital repair of apartment houses] Tekhnicheskie usloviia na proizvodstvo i priemku obshchestroitel'nykh i spetsial'nykh rabot pri kapital'nom remonte zhilykh domov. Moskva, 1960. 447 p.

APATITE
Form of uranium occurrence in apatite. M. B. Serebriakova, E. G Razumnaia. Dokl. AN SSSR 143 no. 6: 1136-1441 Ap '62.

APHID FLIES
New and little known species of the genus Leucopis (Diptera, Chamaemyiidae) from the European part of the U. S. S. R. V. N. Tanasiichuk Ent oboz 41 no 1: 220-229 '62

APOLLONIUS RHODIUS
Artistic function of the simile in the Hellenistic epic, "Argonautica" by Apollonius Rhodius [with summary in English]. N A. Chistiakova. Vest. LGU 17 no. 8:111-120 '62.

APPARATUS, OPHTHALMOLOGICAL see Eye, Instruments and apparatus for

APPELLATE COURTS
We should extend the jurisdiction of the Supreme Court of the U. S. S. R. I. Perlov. Sov. iust. no. 6 13-15 Mr '62.

APPELLATE PROCEDURE
It's time to elucidate this problem. L. Kamynina. Sov. iust no 5:24 Mr '62.
The right of persons who have suffered by a crime to appeal the sentence. V. Bozh'ev Sov iust no. 5:5-7 Mr '62

APPENDECTOMY
Case of peritonitis as a consequence of hemophilia following herniotomy with simultaneous appendectomy. A. G. Voronin. Pediatriia no. 4.86-87 '62.
Clinical aspects and treatment of some complications in acute appendicitis following surgery [with summary in English]. A. P Kiiashov. Khirurgiia no 7 98-104 Jl '61

APPENDICITIS
Acute suppurative diseases of the retroperitoneal space of appendicular etiology. V. G. Klein, B. M. Levinskaia. Urologiia no. 6:26-27 '61.
Novocaine block in the diagnosis of actue appendicitis. M A Likhtentul, V. A Govorukhina Trudy Semipal. med. inst. 2.312-318 '59.

APPENDICITIS—CASES, CLINICAL REPORTS, STATISTICS
Case of acute appendicitis in a 2-month-old child. S. A. Shirshin. Pediatriia no. 4:86 '62.

APPENDIX (ANATOMY)
Development of the phagocytic apparatus of the wall of the appendix of rabbits in ontogenesis [with summary in English]. S. M. Sobolev. Arkh. anat., gist. i embr. 42 no. 1:76-83 Ja '62.

APPLE
(see also subdivision under Novosibirsk Province)
Biological compatibility of scion and rootstock in apple trees [with summaries in English, German, and French]. IA. S. Nesterov. Vest. sel'khoz. nauki 7 no. 1:125-129 Ja '62.

APPLE—DISEASES AND PESTS
Microbiological processes in soil under healthy and chlorosis-infected apple trees. K. P. Tulaikova Agrobiologiia no 2:246-253 Mr-Ap '62.
Pseudo scale Palaeolecanium bituberculatum Targ. in North Ossetia [with summary in English]. A. P. Gulii Zool. zhur. 41 no. 2 230-233 F '62.

APPLE—FROST RESISTANCE see subdivision under Novosibirsk Province

APPLE—STORAGE
Problem of apple storage under sub-freezing temperatures. N. A. Golovkin, K. K. Strakhovich, A. I. TSvetkov. Khol. tekh. 39 no. 2 32-33 Mr '62.

APPLE—VARIETIES see subdivision under Tomsk

APPLE—WATER REQUIREMENTS see subdivision under Caucasus, Northern

APPLE BREEDING
(see also subdivision under Sakhalin)
Raising hybrid apple seedlings under various ecological and geographical conditions V N Vasil'eva Trudy TSSBS no.4 183-187 '60.

APPLE SCAB
Effect of climatic conditions on the ripening of the ascospores of apple scab (Venturia inaequalis Winter). V.I.Y. Frankovskyi Mikrobiol zhur. 23 no.6 60 '61

APPROXIMATE COMPUTATION
Application of the approximation method to shell computations K. B. Sandzhieva Izv. AN Arm SSR Ser fiz.-mat nauk 15 no 2 121-138 '62
Some variational methods of an approximate solution of the transport equation V. S Vladimirov Vych mat no. 7 95-114 '61
Using the method of successive approximations in computing the balance of production and consumption V. F. Vaitauka. Vestsi AN BSSR Ser hram nav. no 1. 28-31 '62

APRICOT—VARIETIES see subdivision under Tajikistan

APSHERON PENINSULA—COAST CHANGES
Morphology and some problems of dynamics of modern shores in the Apsheron Peninsula. N. Sh. Shikinov. Izv. AN Azerb. SSR Ser. geol.-geog. nauk no. 6:143-153 '59.

AQUARIUMS
In the kingdom of small fishes Kh Salamonik Belarus' 19 no 4 28 Ap '62

AQUATIC INSECTS see Insects, Aquatic

AQUATIC SPORTS
For aquatic sports on a mass scale O. Machinskii Voen. znan. 38 no 4,35-36 Ap '62

ARAB COUNTRIES—FOREIGN RELATIONS—RUSSIA
"The U. S. S. R. and Arab countries; documents and source materials, 1917-1960." Reviewed by V Lukin Mezhdunar zhizn' 9 no. 5 124-127 My '62.

ARAL DISTRICT—FORTIFICATIONS, OLD
Excavations of a citadel at the ancient site of Khul'buk in 1957 E Guliamova. Trudy Inst. ist., arkheol. i etn. AN Tadzh SSR 27 147-151 '61.

ARAL SEA REGION—ARTESIAN WELLS
Once more on artesian wells in the Aral Sea region L. A. Ostrovskii, N. N. Khodzhivaev Uzb geol zhur 6 no 1: 71-72 '62

ARAL SEA REGION—PALEONTOLOGY, STRATIGRAPHIC
Stratigraphy of Upper Cretaceous and Paleogene sediments in the northern Aral Sea region R Kh Lipman, L. A. Khokhlova. Inform sbor. VSEGEI no 47 37-49 '61.

ARAL SEA REGION—SOILS—MICROBIOLOGY
Microbiological characteristics of basic soil types in the sandy areas of the northern part of the Aral Sea region with regard to their utilization in plant raising E. A. Mallugin, N. M. Lazarev, V. N. Bylinkina Trudy Vses inst sel'khoz mikrobiol. no 14:5-33 '58.

ARBITRATION, INTERNATIONAL
"International commercial arbitration." Vols. 1 and 2 [in English and French]. Reviewed by E. Trofimov. Vnesh. torg. 42 no.4:42-43 '62.

ARBITRATION AND AWARD
(see also subdivision under Ukraine)
Decisions of arbitration agencies. Sov. just. no. 5:32 Mr '62.
Decisions of arbitration agencies. Sov. just. no. 6:32 Mr '62.
Decisions of the State Arbitration Agency attached to the Council of Ministers of the U. S. S. R. Sots. zakon. 39 no. 3 94-95 Mr '62.

ARBORETUMS see subdivision under Tomsk

ARBUZOV REARRANGEMENT see Rearrangements (Chemistry)

ARCHAEOCYATHIDAE see subdivision under Shivelig-Khem Basin

ARCHAEOLOGY see subdivision under Africa, Dnieper Valley; Kara-Tau; Mongolia, also subdivision 'Antiquities' under Armenia; Bishkend; Fergana; Gissar Valley; Kazakhstan; Khara-Khoto; Kiev; Kuban Valley; Kuybyshev District, Tajikistan; Latvia; Magian region; Minusinsk; Pendzhikent; Rostov Province, Stanislav Province; Tajikistan; Trubezh Valley

ARCHAEOLOGY—BIBLIOGRAPHY see Bibliography—Archaeology

ARCHAEOLOGY—TERMINOLOGY see subdivision under Africa

ARCHAEOLOGY, MEDIEVAL see subdivision under Polesye

ARCHANGEL—LUMBER TRADE
From distant lands. I. Frolov. Sov. voin 44 no. 6:32-33 Mr '62.

ARCHIMEDES
Archimedes and his treaties "On floating bodies." V Nesteruk Rech. transp. 21 no. 4,42-44 Ap '62.

ARCHITECTS, ARMENIAN
G. M. Ter-Mikelian, an Armenian architect [in Armenian with summary in Russian] E A Tigranian. Ist.-filol zhur no 1 82-83 '62.

ARCHITECTURE
(see also subdivision under Armenia)
Work of the Khodzhent-Ura-Tyubinskaya Detachment in 1958. N. Negmatov. Trudy Inst. ist., arkheol. i etn. AN Tadzh. SSR 27 113-120 '61.

ARCHITECTURE—ABSTRACTS
[Journal of abstracts: Construction and architecture] Ref. zhur.: Strol. i arkhit. no. 2(20) '62

ARCHIVES
(see also subdivision under Kuybyshev Province; Poland)
Archaeographical expeditions of the Institute of Russian Literature during 1961 IU. K Begunov. Vop. arkh. 7 no 1 89-92 Ja-Mr '62
Archives of national economic councils. V. S. Bakulin. Vop arkh. 7 no. 1:77-79 Ja-Mr '62.
Chronicle. Vop arkh. 7 no. 1:129-133 Ja-Mr '62.
Higher standard of work. P. V. Il'in, E. A. Naumova, I. V. Chelini. Vop. arkh 7 no 1,46-51 Ja-Mr '62
International relations of Soviet historical archivists M. IA. Kaplan Vop. arkh. 7 no. 1,17-24 Ja-Mr '62.
Let us preserve the documentary materials of the period of the building of socialism. V. E. Derbina, S. T. Pleshakov Vop. arkh. 7 no. 1 51-61 '62.
Methodological work of the Chief Archival Administration of the R. S. F. S. R. I. M Feinberg, A. A. Shilov. Vop. arkh. 7 no 1:61-65 Ja-Mr '62.
Pay more attention to district archives. A. P. Veligura Vop. arkh. 7 no 1 75-76 Ja-Mr '62
The State Archives, the organizer of acquisitions for its collections. Kh Kh Kamalov. Vop. arkh. 7 no. 1:65-67 Ja-Mr '62
Use of documentary materials in the present period. D. D Golovanov. Vop. arkh. 7 no. 1,3-8 Ja-Mr '62
Work of party archives in promoting the publication of documents. V. V. Anikeev. Vop. arkh. 7 no. 1:9-16 Ja-Mr '62.

ARCTIC FOX
Blue fox T. Polonskii IUn. nat. no. 3,39 Mr '62.

ARCTIC REGIONS—DESCRIPTION AND TRAVEL
Reut, V. F. [Moscow-North Pole; traveler's notes] Moskva - Severnyi polius; putevye ocherki. Moskva, Vses. uchebno-pedagog. izd-vo Profizdat, 1961. 150 p.

ARCTIC REGIONS—FRACTURES
Course of fractures under Arctic conditions. E. D. Cherkasov, B. G. Apanasenko. Vest. khir. no 4,66-69 '62.

ARCTIC REGIONS—GEOLOGY, STRUCTURAL
Structure of the earth crust in Arctic regions. IU. M. Pushcharovskii. Priroda 51 no. 4:35-41 Ap '62.

ARCTIC REGIONS—ICE-BREAKING VESSELS
Icebreaker "Sibir'" in the Arctic. A. A. Gudobin. Sudostroenie 28 no. 4:81 Ap '62.

ARCTIC REGIONS—RESEARCH
Leningrad. Arkticheskii i antarkticheskii nauchno-issledovatel'skii institut. [Materials of the observations conducted by the drifting research stations "Severnyi Polius-6" and "Severnyi Polius-7" during the year 1957/58; transactions] Materialy nabliudenii nauchno-issledovatel'skikh dreifuiushchikh stantsii "Severnyi polius-6" i "Severnyi polius-7" 1957/58 goda; trudy. Leningrad, Izd-vo "Morskoi transport," Vol. 1. Pod obshchei red. V. M. Driatskogo. 1962. 61 p.

ARCTIC REGIONS—SEA ICE
New data on the drifting of the "North Pole-7" station. N. Belov, V. Vedernikov. Mor flot 22 no. 4:34-35 Ap '62.

ARGENTINA—POLITICS AND GOVERNMENT
Events in Argentina. A. Strelin. Mezhdunar. zhizn' 0 no. 5:108-110 My '62.

ARGINASE
Study of the arginase activity of a toxigenic strain of Staphylococcus albus in vitro and in the process of cultivation [with summary in English]. M. V. Smirnova and others. Vop. med. khim. 8 no. 2:181-186 Mr-Ap '62.

ARGUN VALLEY—LEAD ORES
Regularities in the distribution of lead and zinc mineralization in the Argun Valley complex ore belt of eastern Transbaikalia. F. I. Vol'fson, K. F. Kuznetsov. Zakonom. razm polezn. iskop. 2:308-332 '59.

ARGUN VALLEY—ZINC ORES
Regularities in the distribution of lead and zinc mineralization in the Argun Valley complex ore belt of eastern Transbaikalia. F. I Vol'fson, K. F. Kuznetsov. Zakonom. razm. polezn. iskop. 2:308-332 '59.

ARITHMETIC—STUDY AND TEACHING
(see also subdivision under Lipetsk Province)
"Teaching arithmetic in elementary schools" by G. B. Poliak Reviewed by A. F. Kolikov. Nach shkola 21 no 5 83-86 My '62.

ARITHMETIC, COMMERCIAL see Business mathematics

ARM—FRACTURE
Analysis of errors and complications in the treatment of patients with diaphyseal fractures of the bones of the forearm. A. V. Voronttsov, P. A Molodov Vest khir no 4 103-107 '62.

ARMENIA—AGGREGATES (BUILDING MATERIALS)
Raw resources and the economics of manufacturing natural light aggregates in Armenia E. Davidova, M. Ter Oganian Ekon strol no 1:30-34 Ja '62

ARMENIA—ANTIQUITIES
The tombs of Ashnak [with summary in English]. B V Kinzhalov. Trudy Gos. Erm. 5 51-63 '61.

ARMENIA—ARCHITECTURE
Oganesian, K. L. [Trdat, the architect] Zodchii Trdat. Erevan, Izd-vo AN Armianskoi SSR, 1951. 107 p (NNC)

ARMENIA—ARMS AND ARMOR
Weapons of defense in ancient Armenia S. A Eisaian Ist.-filol zhur no 1 192-200 '62.

ARMENIA—BASALT
Organization of mass production of articles made of basalt rock. N. Avakian, G. Petrosian. Prom Arm 5 no. 3,27 Mr '62.

ARMENIA—COAL MINERS—DISEASES AND HYGIENE
Ways of reducing industrial traumatism in the coal mining industry of Armenia. S. Kaltakhchian. Prom Arm. 5 no 3:28-29 Mr '62

ARMENIA—CONVEYING MACHINERY
Organize the production of fireproof conveyer belts in Armenia E. Simonian. Prom Arm 5 no. 3:14-15 Mr '62.

ARMENIA—CRANES, DERRICKS, ETC.—SAFETY APPLIANCES
Preventing the overturning of tower cranes. G. Airapetian. Prom. Arm 5 no 3,36-36 Mr '62.

ARMENIA—DESCRIPTION AND TRAVEL
Berkova, N. M. [Whither do trails of legends lead us] Kuda vedut sledy legendy. Moskva, Izd-vo "Fizkul'tura i sport," 1962. 92 p. (Po rodnym prostoram)

ARMENIA—ECONOMIC CONDITIONS
In the Economic Council of the Armenian S. S. R. Prom Arm. 5 no. 3:68 Mr '62.

ARMENIA—ELECTRIC INDUSTRIES
Efficiency promotors save metals. T. Dantlova. Prom. Arm. 5 no. 3:49-51 Mr '62
Improve the technical and economic analysis in the electric industries of Armenia P. Petrosian. Prom Arm 5 no 3:28-31 Mr '62.

ARMENIA—ELECTRIC TRANSFORMERS
Conference of transformer designers. E. Grigorian. Prom. Arm 5 no. 3:61-63 Mr '62.

ARMENIA—FUNGI
New materials on the microflora in Armenia. Report No. 3. S. A. Simonian. Izv. AN Arm. SSR. Biol. nauki 15 no. 3:73-80 '62.

ARMENIA—HISTORY
How the feudal principality of the Zakharians was established [in Armenian with summary in Russian]. L. O. Babalian. Ist.-filol. zhur. no. 1:106-123 '62.

ARMENIA—ILLUMINATION OF BOOKS AND MANUSCRIPTS
The Murgan prototype in Armenian miniature painting [with summary in English]. T. A. Izmailova. Trudy Gos. Erm. 5:76-97 '61.

ARMENIA—INDUSTRIES—BIBLIOGRAPHY
New books and information material received by the Scientific and Technological Library of the Armenian Economic Council. Prom. Arm. 5 no. 3:74-75 Mr '62.

ARMENIA—KNIT GOODS INDUSTRY
Organization of a rhythmic work of conveyers in the knit goods industry of Armenia. Dzh. Martumian. Prom. Arm. 5 no. 3:52-54 Mr '62.

ARMENIA—MINE ACCIDENTS
Ways of reducing industrial traumatism in the coal mining industry of Armenia. S. Kaltakhchian. Prom. Arm. 5 no. 3:28-29 Mr '62.

ARMENIA—MINE SURVEYING
Mine surveying in the mining enterprises of Armenia. R. Sinanian, S. Shaposhnikov. Prom. Arm. 5 no. 3. 24-26 Mr '62.

ARMENIA—MITES
New species of gamasid mites in the Armenian S.S.R. A. M. Ogandzhanian. Izv. AN Arm. SSR. Biol. nauki 15 no. 3:81-86 '62.

ARMENIA—MOLYBDENUM SULFIDES
Accounting for the work of the Kadzharan Ore Dressing Plant for molybdenum sulfides V. Lutsenko Prom. Arm 5 no 3:31-36 Mr '62.

ARMENIA—ORE DEPOSITS
Role of stratigraphic, lithologic, and structural factors in the distribution of pyrite mineralization in northern Armenia. P. F Sopko. Zakonom razm. polezn. iskop 2:373-395 '59.

ARMENIA—PERLITE (MINERAL)
Studying the processes of bottle glass melting in electric glass furnaces with Lusavan perlites as base. M. Manvelian and others. Prom Arm 5 no. 3:30-42 Mr '62

ARMENIA—PHARMACY
Development of pharmacy in the Armenian S.S.R. during the past 40 years. R.S. Parsadanian, TS.F. Khachatrian. Apt. delo 11 no. 1:15-18 Ja-F '62.

ARMENIA—RELATIONS (GENERAL) WITH RUSSIA
"Friendship, articles, sketchs, studies, and letters concerning Russo-Armenian contacts" [in Armenian]. Vols. 1-2. Reviewed by Z. Bashindzhagian. Ist. -filol zhur. no. 1:276-280 '62.

ARMENIA—RELATIONS (GENERAL) WITH THE UKRAINE
"Friendly contacts in the history of the Ukrainian and Armenian peoples" Reviewed by V. Zhilina. Ist. -filol zhur. no. 1 281-286 '62.

ARMENIA—SLAVERY
Slaves and their socioeconomic position in medieval Armenia [in Armenian with summary in Russian]. S. F Akopian. Ist. -filol. zhur no. 1:124-136 '62.

ARMENIA—STEEL INDUSTRY
Organization of the production of steel and alloys for the electric industries in Armenia I. Lur'e and others Prom. Arm. 5 no. 3:10-14 '62.

ARMENIA—STRONTIUM—ISOTOPES
Absorption of radiostrontium by barley plants from different soils of Armenia. V I. Ananian. Dokl. AN Arm. SSR 34 no. 2:83-87 '62.

ARMENIA—TECHNOLOGY—INFORMATION SERVICES
In the Armenian House of Technology. Prom. Arm. 5 no. 3:60-70 Mr '62.

ARMENIA—THEATER
Great authors of the past and the contemporary Armenian theater [in Armenian with summary in Russian]. L. A. Akhverdian. Ist. -filol. zhur no. 1 27-41 '62.

ARMENIA—VITICULTURE—EQUIPMENT AND SUPPLIES
Economical supports for vineyards. A. Khurshudian Prom Arm. 5 no 3:40 Mr '62.

ARMENIA—VOLCANIC ASH, TUFF, ETC.
Tuff raw material resources and problems of their overall utilization in Armenia E. Davidova, M. Ter-Oganian. Prom. Arm 5 no 3:19-23 Mr '62.

ARMENIA—WINE AND WINE MAKING
Effect of the grape variety on the degree of Madeira processing N. Kazumov Prom Arm. 5 no. 3:42-44 Mr '62.

ARMENIAN ARCHITECTS see Architects, Armenian

ARMENIAN DRAMA—HISTORY AND CRITICISM
Great authors of the past and the contemporary Armenian theater [in Armenian with summary in Russian]. L. A Akhverdian. Ist. -filol zhur. no. 1.27-41 '62.

ARMENIAN HISTORIANS see Historians, Armenian

ARMENIAN LANGUAGE
Historical development of the modern Armenian language; on some characteristics of the formation of the modern East Armenian literary language compared with materials of Old Armenian literary monuments. E. G. Tumanian. Izv. AN SSSR. Otd. lit. i iaz. 20 no. 1:54-59 Ja-F '61.

ARMENIAN LANGUAGE—ETYMOLOGY
Etymology of several Armenian words [in Armenian with summary in Russian]. S. E. Akopian Ist. -filol. zhur. no 1.139-147 '62.

ARMENIAN LANGUAGE—SENTENCES
Sentences and their mutual relations in the present-day Armenian language [in Armenian with summary in Russian]. S. G. Abraamian. Ist. -filol zhur no 1 42-61 '62.

ARMENIAN POETRY—HISTORY AND CRITICISM
Nagash Ovnatan and some traits of the medieval Armenian poetry of the 16th and 17th centuries which presaged the birth of modern Armenian literature [in Armenian with summary in Russian]. M. T. Avdalbekian. Ist. -filol. zhur. no. 1:84-93 '62.

ARMENIANS see subdivision under Rumania; United States

ARMIES see also subdivision 'Army' under Germany, East; Russia

ARMIN
Photocolorimetric method of analyzing phosphocol and armin [with summary in English] A F. Fursov. Apt. delo 11 no. 1:46-49 Ja-F '62.

ARMORED VEHICLES
Equipment for an armored carrier. M. Esipov. Voen. vest. 41 no. 3 115-117 Mr '62
Equipment maintenance on the march. L. Kapterev. Voen. vest 41 no 3 23-25 Mr '62

AROMATIC PLANT PRODUCTS see Essences and essential oils

ARMS AND ARMOR
(see also subdivision under Armenia)
From the tachanka to the rocket Starsh. -serzh. no. 2: 28-29 F '62.

ARMY SCHOOLS see Military education

ARNOL'D-ZHITKOVA, VERA STEPANOVNA
The pre-revolutionary secret police were pursuing her. I. Leiberov. Neva no. 2:213-214 '62.

ARRHYTHMIA
Arrhythmias in coronary insufficiency, their diagnosis and prognostic significance [with summary in English]. IU. P. Mironova. Kardiologiia 2 no. 2:77-80 Mr-Ap '62.
Diagnostic significance of ballistocardiographic changes in disorder of the heart rhythm and conductivity in mitral stenosis and arteriosclerotic cardiosclerosis [with summary in English] IU. D. Safonov. Kardiologiia 2 no. 2.36-44 Mr-Ap '62.
Rhythmical heart disorders in myocardial infarct in the climate of Ashkhabad. S A Radiukova, T. P. Charyeva. Zdrav. Turk. 6 no. 1. 9-12 Ja-F '62.

ARSENIC COMPOUNDS
Mechanism of the effect of arsenic anhydride as an inhibitor of acid corrosion I. S Solodkin Uch zap. MGPI no 146:273-276 '60.
Treatment of arsenic-cobalt ores by chlorination. S. I. Denisov Izv. vys. ucheb. zav.; tavet. met. 3 no. 2:69-73 '60.

ARSENIC-GERMANIUM ALLOYS see Germanium-arsenic alloys

ARSENIC ORGANIC COMPOUNDS
Cyclic arsenic-containing derivatives of pentaerythritol O Kamal, N. A. Chadueva. Zhur. ob. khim. 32 no. 4: 1130-1136 Ap '62.

ART
(see also subdivision under Leningrad)
"Ancient Russian art of the 10th-17th century, painting and architecture" by IU. A. Ivbedeva. Reviewed by V. K. Prep ist. v shkole 17 no 3:113-114 My-Je '62
Before the Congress of Artists. S. Muradian and others. Iskusstvo 25 no. 3:10-13 '62.
Brief notes. Iskusstvo 25 no. 3:78-80 '62.
Expeditions. Soob. Gos. Erm. no. 21:73 '61.
"History of Russian art," Vols. 1-2. Reviewed by N. Maltseva. Iskusstvo 25 no. 3:63-68 '62.
"History of the art of foreign countries," Vol. I: "History of Russian art." Reviewed by N. Nezhina. Iskusstvo 25 no. 3:69 '62.
IAvorskaia, N. V. [West European art of the 19th century] Zapadnoevropeiskoe iskusstvo XIX veka. Moskva, Izd-vo Akad. khudozh. SSSR, 1962. 77 p.

ART—BIBLIOGRAPHY see Bibliography—Art

ART—PERIODICALS
Looking over foreign periodicals. . . Iskusstvo 25 no. 3: 72-76 '62.

ART—STUDY AND TEACHING
Levin, S. D., comp. [Youthful artist; yearbook for 1961] IUnyi khudozhnik; ezhegodnik 1961. Leningrad, Khudozhnik RSFSR, 1961. 210 p.
TSentral'nyi dom narodnogo tvorchestva im. N. K. Krupskoi. [Drawing and painting; a guide for amateur artists] Risunok i zhivopis'; rukovodstvo dlia samodeiatel'nykh khudozhnikov. Moskva, Gos. izd-vo "Iskusstvo." Vol. I. 1961. 205 p., illus.

ART, ANCIENT
(see also subdivision under Asia)
Akademiia khudozhestv SSSR. Institut zhivopisi, skul'ptury i arkhitektury. [History of art of foreign countries] Istoriia iskusstva zarubezhnykh stran. Moskva, Izd-vo Akad. khudozh. SSSR.
Vol. I. 1961. 393 p.
"History of the art of foreign countries," Vol. I: "History of Russian art." Reviewed by N. Nezhina. Iskusstvo 25 no. 3:69 '62.

ART, AUSTRALIAN—EXHIBITIONS see subdivision under Leningrad

ART, CHINESE
The Chinese collections of Petr Kuzmich Kozlov in the Museum of Anthropology and Ethnography. R. F. Its. Sbor. muz. ant. i etn. 20:5-29 '61.

ART, EGYPTIAN
National traditions and realism. A. Bogdanov Iskusstvo 25 no 3:37-43 '62

ART, KAZAKH
Gorskii, V., and N. Rovenskii, comps. [Ten unforgettable days; the ten-day festival of Kazakh art and literature in Moscow, December 1958] Desiat' nezabyvaemykh dnei; dekada kazakhskogo iskusstva i literatury v Moskve, dekabr' 1958. Alma-Ata, Kazakhskoe Goslitizdat., 1961. 319 p. (MII)

ART, ORIENTAL
Prokof'ev, O. S. [Contemporary art of socialist countries in the Orient] Sovremennoe iskusstvo sotsialisticheskikh stran Vostoka. Moskva, Izd-vo Akad. khudozh. SSSR, 1961. 67 p.

ART, ORIENTAL—EXHIBITIONS see subdivision under Leningrad

ART, SUMERIAN
On the main stages of the development of art in ancient Sumer [with summary in English]. V. K. Afanas'eva, I. M Diakonov Trudy Gos. Erm. 5 5-23 '61.

ART, UKRAINIAN
Let's have more works of quality and variety. A. Borysiuk and others. Mystetstvo 9 no. 1.4 Ja-F '62.

ART, UKRAINIAN—EXHIBITIONS
Sources of mutual enrichment. Evhen Afanas'ev. Mystetstvo 9 no. 1:8-9 Ja-F '62.

ART, VENETIAN
Characteristics of the economic and cultural life in Venice in the 16th century [with summary in French]. T. D. Fomicheva Trudy Gos. Erm 6 no 2-51-59 '61

ART OBJECTS—CONSERVATION AND RESTORATION
Work of the Conservation and Restoration Section. Soob. Gos. Erm. no. 21;73-74 '61.

ART OBJECTS, SOGDIAN
Ossuaries from Biya-Nayman [with summary in English]. B. IA. Staviskii. Trudy Gos. Erm. 5:163-176 '61.

ART AND COMMUNISM see Communism and art

ART GALLERIES AND MUSEUMS see subdivision under Leningrad

ART INDUSTRIES see subdivision under India; Ukraine

ART INDUSTRIES—EXHIBITIONS
Some new methods for exhibiting works of applied art. G. L. Chepelevetskaia. Sov. etn. no. 2:110-114 Mr-Ap '62.

ARTEMIA SALINA
Quantitative data on the nutrition and energy balance of Artemia salina (L.). L. M. Sushchenia. Dokl. AN SSSR 143 no. 5:1205-1207 Ap '62.

ARTERENOL
Urinary excretion of catechol amines in kidney lesions. V. V. Menshikov. Klin. med no. 2:94-98 '62

ARTERIES—DISEASES
Arterial hypotension. A. A. Tivanov. Vop. pat. krovi i krovoobr. no. 5:166-172 '59.
Compound treatment of endarteritis obliterans. M. P. Zamiatina. Zdravookhranenie 5 no. 1:55-57 Ja-F '62.
Some experimental and pathologic anatomical data on the problem of giant cell arteritics (preliminary report) [with summary in French]. I. V. Gannushkina. Zhur. nevr. i psikh. 62 no. 1:78-84 '62.
Treatment of obliterating endarteritis in its fourth stage. [illegible]

ARTERIOSCLEROSIS (Continued)

Effect of sodium nitrite, nitroglycerin and papaverine on renal circulation in experimental atherosclerosis [with summary in English] Z. T. Samoilova. Farm i toks. 25 no. 1,38-43 Ja-F '62.

Effect of the large plantain (Plantago major) on the course of experimental atherosclerosis in rabbits [with summary in English]. M. A. Angarskaia, V. E. Sokolova. Biul. eksp. biol. i med. 53 no. 4 50-53 Ap '62

Nutrition in arteriosclerosis. V. P. Sokolovskii. Med sestra 21 no 4 52-54 Ap '62.

Treatment of atherosclerosis with Co No 6 A Kh Khodzhaev, N. Z. Kochergina Med zhur Uzb no 2,48-53 F '62

ARTERIOSCLEROSIS—CONGRESSES

Thirteenth scientific session of the Institute of Therapeutics of the Academy of Medical Sciences of the U S.S.R. G.E. Perchikova Kardiologiia 2 no.2 91-94 Mr-Ap '62.

ARTERIOVENOUS FISTULA see Fistula, Arteriovenous

ARTESIAN WELLS see subdivision under Aral Sea region

ARTHRITIS

Treatment of arthritis by intra-articular administration of hydroadrezone IA. S. Valigura. Klin. med. no. 8 106-109 '61.

ARTHRITIS, RHEUMATOID

Dynamics of the restorative process in infectious nonspecific (rheumatoid) polyarthritis during compound health resort treatment according to data on the clinical aspects of the disease and some laboratory data (protein fractions in the blood serum and detailed erythrocyte sedimentation reaction). M. S. Belen'kii, E. M. Rybchinskaia, R. O. Rukhel'man Zdravookhranenie 5 no. 1: 30-35 Ja-F '62.

Early diagnosis of Urov's (Kaschin-Bek) disease [with summary in English]. V. P. Skipetrov. Klin. med. no. 8 68-71 '61.

Evaluation of the action of butadione in rheumatism and infectious arthritis with special reference to the results of a blood examination. S. A. Podlipalina. Zdrav Kazakh. 22 no. 2;31-36 '62

State of hematopoiesis in Urov (Kaschin-Beck) disease in light of the theory of adaptation. V. P. Skipetrov. Probl. gemat. i perel krovi no. 4;25-29 '62.

ARTIFICIAL FUR

Conditions for the formation of viscose fiber for the production of artificial lamb fur. Z. M. Orekhova, E. IA. Zarina, R. R. Rotmistrovskaia. Khim. volok. no 2;60 '62.

Organization of the dyeing of artificial fur. Z. V. Sandyreva. Shvein prom no. 2;12-13 Mr-Ap '62.

Smirnov, L. S., and others. [Manufacture of artificial fur] Proizvodstvo iskusstvennogo meha. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1961. 138 p.

ARTIFICIAL HEART see Perfusion pump (Heart)

ARTIFICIAL HIBERNATION

Effect of hibernation and hypothermia on the course of hemotransfusion shock in an experiment [with summary in English]. K. D. Eristavi, T. O. Zhvania, G. IA. Odishvili. Pat. fiziol i eksp. terap. 5 no. 6;30-33 N-D '61.

Use of lytic cocktails in the clinic for infectious diseases. Z. I. Krasovitskii. Sov med. 25 no. 1,135-137 Ja '62

Use of neuroplegic substances (artificial hibernation) in toxic dyspepsia V. D. Nikolaieva, M. I. Zaveibnyi. Ped., akush. i gin 23 no 3;14-16 '61.

ARTIFICIAL INSEMINATION

Artificial insemination as a method of controlling sterility in animals. A. P. Studentsov. Veterinariia 37

ARTILLERY, FIELD AND MOUNTAIN

Battery forming part of an advance guard. V. Khromenkov Voen vest. 41 no 3:28-31 Mr '62

Battery forming part of an airborne landing force A. Tsyganok. Voen vest. 41 no 4;30-32 Ap '62

In a meeting engagement. V. Derkach. Voen. vest. 41 no 3 69-72 Mr '62.

Our experience in increasing maneuverability V. Ryshkov Voen vest 41 no 4,81-84 Ap '62

Teach only in the field M. Chernyshev Voen vest. 41 no. 4,108-110 Ap '62.

ARTISTS see subdivision under Odessa

ASANOV, NIKOLAI, 1906-

"Unexpected tales" by Nikolai Asanov. Reviewed by Sugoniat. Sov. profsoiuzy 18 no. 9;42-43 My '62.

ASBESTOS

Analytical determination of the parameters of a centrifugal vibrating sorter. V. S Emel'ianov, A V Vologov Izv vys ucheb zav , gor zhur no 3 143-148 '61

ASBESTOS CEMENT

IAchmenev, M. G. [Heat-resistant asbestos cement] Zharoupornyi asbestotsement Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 73 p (Akademiia stroitel'stva i arkhitektury SSSR. Institut betona i zhelezobetona, Perovo. Nauchnoe soobshchenie, no 10)

ASCARIDS AND ASCARIASIS

Massive ascariasis of the liver with multiple perforation in the abdominal cavity O. A. Babukhadiia, I. V. Markov. Ped , akush i gin. 23 no 3;28-29 '61

Treatment of ascariasis in pregnant women with oxygen. N. M. Leusenko. Ped., akush. i gin. 23 no 3;60-61 '61.

ASCORBIC ACID

Amount of carotene and vitamin C in pasture fodder for sheep in Alma-Ata Province, preliminary report V. T. Krikavtsov Trudy AZVI 9 77-84 '56.

Data on the histochemistry of ascorbic acid in the aorta in arteriosclerosis S. S Kasab'ian. Arkh pat. no. 7 46-50 '61.

Desensitizing action of ascorbic acid. T. V. Partiskaia. Trudy Semipal. med inst. 2;137-142 '59

Heredity of vitamin - C content in reciprocal tomato hybrids [with summaries in English, German, and French]. V. V. Vartapetian. Vest. sel'khoz. nauki 7 no. 2;73-75 F '62.

Role of vitamins A and C in increasing the quality and quantity of wool in sheep. V. T. Krikavtsov Trudy AZVI 9 71-76 '56.

Vitamin A and C level in swine diets and ways for raising it. P N. TSerulik Trudy AZVI 9 85-90 '56.

ASCORBIC ACID—THERAPEUTIC USE

What you ought to know about vitamin "C." IA. Polianchek. Obshchest. pit. no. 3;26-27 Mr '62.

ASEEV, NIKOLAI NIKOLAEVICH, 1889-

"Harmony" by Nikolai Aseev. Reviewed by Al. Dymshits. Oktiabr' 39 no. 2;211-212 F '62.

ASH (TREE)

Anatomical and physiological studies on seeds and fruits of the European and pubescent ash. D. P. Viktorov, P. B. Raskatov. Nauch zap. VLTI 21:85-101 '60.

ASH DISPOSAL—CONGRESSES

Conference on ash removal in thermal electric power plants V Z. Energetik 10 no. 4;36-37 Ap '62.

ASHES (FERTILIZER)

Oil shale ashes as fertilizer [with summaries in English, German, and French]. O. G Khailik. Vest. sel'khoz. nauki 7 no. 2;87-94 Mr '62

[illegible]FARCTION

[illegible]rs in myocardial infarct in the [illegible].A. Radiukova, T. P. Charyeva. 12 Ja-F '62.

[illegible]IC RESEARCH

[illegible]skhabad [with summary in [illegible]nd others. Issl. ionosf. i met.

[illegible]th summary in English]. R. V. Erm. 5:51-63 '61.

[illegible]of the Peoples of Asia of the [illegible]the U. S. S. R. K. Malakhovskii. [illegible]6-258 '62.

[illegible]Altai and hither Asia; [illegible]anium B.C.] Iskusstvo Altaia [illegible]a I tysiacheletiia do n. e. [illegible]noi lit-ry, 1961. 65 p. illus.

[illegible]terature on the countries of the [illegible]ov. i inostr. lit. po stran. zarub.

ASIA—ECONOMIC ASSISTANCE, AMERICAN

Imperialistic character of the United States aid to the underdeveloped countries of Asia [with summary in English, pp 262-263] R. A Ul'ianovskii. Nar Azii i Afr. no 2,39-57 '62

ASIA—ECONOMIC ASSISTANCE, RUSSIAN

Fulfilling Lenin's legacy. Az. i Afr. seg. no. 4;4-5 Ap '62.

ASIA—FINANCE

Akademiia nauk SSSR. Institut narodov Azii. [Problems of state finance, credit and currency circulation in Asian countries (India, Afghanistan, Ceylon, Turkey, Japan)] Voprosy gosudarstvennykh finansov, kredita i denezhnogo obrashcheniia stran Azii, sbornik statei (India, Afganistan, TSeilon, Turtsiia, IAponiia). Moskva, Izd-vo vostochnoi lit-ry, 1962. 107 p.

ASIA—HISTORY

The problems related to the modern history of the countries of Asia and Africa in the "World history." V. N. Nikiforov Nar Azii i Afr no. 2 154-167 '62

ASIA—SCIENCE

Akademiia nauk SSSR. Institut istorii estestvoznaniia i tekhniki. [History of science and technology in the countries of the Orient] Iz istorii nauki i tekhniki v stranakh Vostoka; sbornik statei. Moskva, Izd-vo vostochnoi lit-ry, 1960-61. 2 v.
(NN)

ASIA—TECHNICAL ASSISTANCE, WEST GERMAN

Technical "assistance" as a form of the West German penetration into the economy of undeveloped countries. V. M. Kachalin. Uch. zap. IMO no. 4:111-135 '61.

ASIA—TECHNOLOGY

Akademiia nauk SSSR. Institut istorii estestvoznaniia i tekhniki. [History of science and technology in the countries of the Orient] Iz istorii nauki i tekhniki v stranakh Vostoka; sbornik statei. Moskva, Izd-vo vostochnoi lit-ry, 1960-61. 2 v.
(NN)

ASIA, CENTRAL—METALWORK

Influence of toreutics on Sogdian pottery of the 7th-8th century [with summary in English]. B. I. Marshak. Trudy Gos. Erm 5:177-201 '61.

ASIA, CENTRAL—MUSIC—THEORY

Ancient studies on the theory of music in Central Asia. T. S. Vyzgo, D. Rashidova. Obshchestv. nauki v Uz. 6 no. 3;59-62 '62.

ASIA, SOVIET CENTRAL see Soviet Central Asia

ASIAN-AFRICAN CONFERENCE, BANDUNG, JAVA, 1955

The ideas of Bandung are alive and victorious. O. Kharkhardin Az. i Afr. seg. no. 4;2-3 Ap '62.

ASIATIC CHOLERA see Cholera, Asiatic

ASIPENKA, ALES', 1919-

"The smell of flowers and work", stories by Ales' Asipenka. Reviewed by I. Kurbeka. Belarus' 19 no 4:29 Ap '62

ASOKA, KING OF MAGADHA, fl. 250 B.C.

"Asoka and the decline of the Mauryas" [in English] by Romila Thapar Reviewed by G. M. Bongard-Levin Nar. Azii i Afr. no. 2;242-243 '62.

ASPEN

(see also subdivision under Latvia)

Quality coefficients of aspen wood under various growth conditions. G. V. Klar. Trudy inst. lesa i drev. 50: 168-171 '61.

Ripe aspen wood. G. V. Klar. Trudy inst. lesa i drev. 50;172-174 '61.

ASPHALT see subdivision under Trinidad

ASPHYXIA

Asphyxia of the fetus and newborn infant according to data from Maternity Home No. 1 in Gorkiy. N. P. Mikhailova. Sbor. nauch. rab. Kaf. akush. i gin. GMI no. 1: 124-127 '60

ASPIRATION AND ASPIRATORS

Treatment of acute pyopneumothorax in children by the method of active aspiration [with summary in English]. Ch. Dragoichev. Grud. khir. no. 2;38-43 '62.

ASSAULT, CRIMINAL see Rape

ASSEMBLY-LINE METHODS

All-Union scientific technical conference on the mechanization and automation of assembling operations in the machinery industry. A. M. Sobol'. Vest. mash. 42 no. 2;85-88 F '62.

"Automatic machines and automatic production lines" by G. A. Shaumian. Reviewed by V. V. Boitsov. Vest. mash. 42 no. 2;87 F '62.

Equipment used in the automation of assembling processes. V. S. Korsakov. Vest. mash. 42 no. 4: 58-64 Ap '62.

Mechanization of the assembly line for the manufacture of high quality men's trousers. V. V. Astashina. Shvein. prom. no. 2;11-12 Mr-Ap '62.

Organization of a rhythmic work of conveyers in the knit goods industry of Armenia. Dzh. Mkrtumian. Prom. Arm. 5 no. 3;52-54 Mr '62.

ODS (Continued)
tories A Verein, B Cherpakov,
kh 8 no. 3 38-43 Mr '62.
assembling of parts to be joined
,ces. V. V. Kostilov. Vest. mash.

ction lines. V. B. Chapkin.
10 Mr-Ap '62.

a Dam

SCRIPTIONS see Cuneiform

stration of astatine. Van Fu-
V A. Khalkin Radiokhimia 4

sthma [with summary in English]
ed 25 no 1:116-121 Ja '62.

LYTIC CORROSION
underground metallic structures
rakhan. P. N. Lebedev. Stroi.
2-23 N '61

—BIRDS
he Great. A. S. Markov.
0 Ap '62.

—DESCRIPTION AND TRAVEL
are bountiful! Vladimir Liubov-
Moskva 5 no. 9:183-177 '61

ontal astronomy; determination
Fundamental'nain astrometriia;
zvezd. Moskva, Gos. izd-vo
062. 340 p.

ry space. A. A. Shternfel'd.
3:66-74 Mr '62.
r country. G. Pokrovskii. Voen.
p '62
by M. G. Kroshkin. Reviewed by
Sin. 44 no. 4:00-00 '62.
ladimir L'vov. Neva no. 2:149-

L. Cheshkova. Vokrug sveta

RAPHY see subdivision under

METRY see Photometry,

ed works." Reviewed by A. A.
no. 6:157-160 '62.

'S
Ref. zhur.: Astron. i geod.

SPHY see Bibliography—

see Nautical astronomy

see Radar in astronomy

in the Nubian dessert.
1:220-221 '62.

IC MOTORS see Electric

DERGARTEN
ar" from the Executive Commit-
ory. Dm. Popel'. Sov. deput.
'62.

ider Dnepropetrovsk; Dnepro-
Province; Krivoy Rog; Nikopol'
strict; Ternopol' Province;

enin [with summary in English,
c. Vop. filos. 16 no. 4:12-23

. 6-63 Mr '62.
newspaper "Dzerzhynets'."
Ap '62.
Volov. ateist. no. 5:40 My '62.
Suiarko. Volov. ateist no. 4:

defenders of God; antireligious
erature] Bezbozhni okhorontsi
ukrains'kii literaturi);
Akad. nauk URSR, 1961. 288 p.
en. L. Lukachevskaia. Nach.
My '62.
ldays and rites. M. Ivanov.
5-70 Mr '62.

Lenin was a skilled propagandist of atheism. M. Shakhnovych. Volov. ateist no. 4,6-9 Ap '62

Let us work as Lenin did. Volov. ateist no. 4:3-5 Ap '62

The most important events in the life of churches and religious groups in the U. S. S. R. N. A. Teodorovich Mat. i nauch. fasl. otd Inst. po izuch. SSSR no 31:51-53 Ja '62.

National forum I. Okunlev. Volov. ateist no 5:31-35 My '62.

Nina's happiness. F Kas'ianenko Volov ateist no 5 17-18 My '62.

Wasted years. T. Kutsyna. Volov. ateist. no. 5 21-23 My '62.

ATHEISM—AUDIO-VISUAL AIDS see subdivision under Ukraine

ATHEISM—BIBLIOGRAPHY see Bibliography—Atheism

ATHEISM—PERIODICALS
Comments, suggestions, and recommendations. Volov. ateist. no. 5:58-59 My '62.

ATHEISM—STUDY AND TEACHING
(see also subdivision under Ukraine)
Extracurricular work in atheist education B. I Tymokhin. Rad shk. 40 no 4:54-58 Ap '62.

ATHLETES
Remarks concerning applause. S. TSegoev. Sov. profsoiuzy 18 no 2:37-38 Ja '62

ATHLETIC ABILITY
Absolute and relative strength of athletes. V. I. Chudinov. Teor i prak. fiz. kul't. 25 no. 3:26-29 Mr '62.

ATMOSPHERE
Konferentsiia po atmosfernomu ozonu, Moscow, 1959. [Atmospheric ozone; results of the work of the International Geophysical Year in the U. S. S. R. Reports and resolutions] Atmosfernyi ozon, rezul'taty rabot Mezhdunarodnogo geofizicheskogo goda v SSSR. Doklady i rezoliutsii [Moskva] Izd-vo Mosk. univ., 1961. 195 p.

ATMOSPHERIC NUCLEATION
Twilight outburst of helium emission λ10830 Å N. N. Shefov. Astron tsir no 222:11-12 My '61.

ATMOSPHERIC PRESSURE
Stekhnovskii, D. I. [Baric field of the globe; basic characteristics and some problems of atmospheric circulation] Baricheskoe pole zemnogo shara; osnovnye kharakteristiki i nekotorye voprosy atmosfernoi tsirkuliatsii. Pod red. L. S. Mininel. Moskva, Gidrometeor. izd-vo, 1962. 145 p.

ATMOSPHERIC PRESSURE—PHYSIOLOGICAL EFFECT
Effect of barometric pressure on human respiration through various skin areas. N. M. Petrun'. Gig. truda i prof. zab. 4 no. 3:54-55 Mr '60.

ATMOSPHERIC TEMPERATURE see subdivision under Tashkent

ATOMIC BOMB
(see also subdivision under United States)
Atomic bombardment of Hiroshima and Nagasaki. I. Aleksandrov. Voen.-ist. zhur. 4 no. 4:60-69 Ap '62.

ATOMIC ENERGY
"Atomic energy and its use" by M. B. Neiman. Book review. Priroda 51 no. 4:124 Ap '62.

ATOMIC MASS
Fine structure of nuclear masses as revealed in α-decay. V. N. Andreev. Zhur. eksp. i teor. fiz. 42 no. 3:913-915 Mr '62.

ATOMIC NUCLEI see Nuclei, Atomic

ATOMIC POWER—INTERNATIONAL CONTROL
Activities of the International Atomic Energy Agency. V. Emel'ianov. Nov. vrem. 20 no. 23:12-14 Je '62.

ATOMIC POWER PLANTS
(see also subdivision under Beloyarsk)
Kanaev, A. A. [Atomic power plants] Atomnye energeticheskie ustanovki. Leningrad, Sudpromgiz, 1961. 427 p.
Margulova, T. Kh. [Design and calculations of steam generators of atomic electric power plants] Rashchet i proektirovanie parogeneratorov atomnykh elektrostantsii. Moskva, Gosenergoizdat, 1962. 143 p.

ATOMIC SHIPS—COST OF OPERATION
(see also subdivision under United States)
Economic evaluation of ships with atomic power plants [from foreign journals]. V. N. Pinigev. Sudostroenie 28 no. 4 72-73 Ap '62.

ATOMIC SPECTRUM see Spectrum, Atomic

ATOMIC WARFARE—PSYCHOLOGICAL ASPECTS see subdivision under United States

ATOMIC WARFARE—SAFETY MEASURES
This is very important. P. Podzakhodnikov. Voen vest. 41 no. 3:36-36 Mr '62.

ATOMIC WEAPONS see subdivision under Great Britain

ATOMIC WEAPONS—TESTING
A communication of the Soviet Government to the Disarmament Commission concerning the ban of nuclear weapon tests. Mezhdunar. zhizn' 9 no. 5:153-156 My '62.

ATOMIC WEAPONS AND DISARMAMENT
"Nuclear disarmament" by O. V. Bogdanov. Reviewed by I. G. Usachev. Sov. gos. i pravo 32 no. 5:141-143 My '62.
On both sides of the hill. Patrick Meynar Stuart Blackett Translated from the English. Mezhdunar. zhizn' 9 no. 5:96-104 My '62.

ATOMISM
Atomistic concepts in the works of M Faraday and James Maxwell V. M. Dukov. Vop ist. est. i tekh no. 12 178-184 '62.

ATOMIZATION
(see also subdivision under Czechoslovakia)
Air-atomizing burners operating by heated air. B. I. Liberov. Khim. i tekh. topl. i masel 7 no. 4:48-52 Ap '62.
Atomization of a spherical drop in a gas flow V. A Borodin, IU F. Ditiakin, V I. IAgodkin PMTF no 1: 85-92 Ja-F '62

ATTACK AND DEFENSE (MILITARY SCIENCE)
Attack through the snow! P. Matiushin. Starsh. -serzh. no. 2 18-19 F '62.
Battery forming part of an airborne landing force. A. T'Syganok. Voen vest. 41 no. 4:30-32 Ap '62
Controlling fire weapons in a meeting engagement B. Strel'chenko, V. Vladimirov Voen vest 41 no 4: 74-78 Ap '62
Defensive operations by rifle units. V Prozorov, A Slobodianiuk, K. Dubrovin Voen. vest 41 no. 3 37-39 Mr '62
Defensive operations by rifle units. Voen vest. 41 no. 4: 42-44 Ap '62.
In the enemy's rear V. Smirnov. Voen. vest. 41 no. 3 26-27 Mr '62.
Make a decision for the commander of a mobile obstacles detachment. Voen vest 41 no. 4:94-96 Ap '62.
The "opponent" is in front. S. Prokhorov. Starsh. -serzh. no 3:8-9 Mr '62.
Preparing for an exercise. D. Bob. Voen. vest. 41 no. 4: 58-62 Ap '62.
Reconnaissance on the march and in a meeting engagement (as revealed by experience of the Bulgarian People's Army) Kh. Khristov, B. Nikolov. Voen. vest 41 no 3 41-46 Mr '62.
Rifle company in a meeting engagement. S. Nozhinskii. Voen. vest. 41 no 4:23-28 Ap '62.
Rifle units in attack V. Prozorov, G. Kikhtenko, K. Dubrovin Voen vest 41 no. 4:39-41 Ap '62
A squad delivers fire S Savchenko Starsh. -serzh no. 2.12-13 F '62.
Tactical and drill exercise with a motorized rifle battalion. A. Serov Voen vest. 41 no 3 47-50 Mr '62
Tactical skill of officers. Voen. vest 41 no 3 3-7 Mr '62
We discuss the article "Attack of rifle units." I. Semenov and others. Voen. vest 41 no. 3 40-43 Mr '62.
Your solution? Motorized rifle battalion in a forward detachment. Voen. vest 41 no. 4:44 Ap '62.

ATTAR OF ROSES
Striving for high crops of oil-producing roses. B. P. Minkov. Masl.-zhir. prom. 28 no. 3:38-39 Mr '62.

ATTENTION
Attention and memory. I. K. IAnushevskii. Zdorov'e 8 no. 2:6-8 F '62.
Duration of concentrated attention in track athletes at the 17th Olympiad. D. Genov fiz. kul't. 25 no. 2:45-48 F '62.

AUDITING
(see also subdivision under Donetsk Pro Ingrad Province; Ukraine)
Analytical work of the State Bank branches L. Efimov. Den. i kred. 20 no. 4:39-48
Economic analysis performed by voluntee Bukhg. uchet 19 no. 4:41-43 Ap '62.
How we organize comprehensive audits. Fin SSSR 23 no. 4 45-49 Ap '62.
Improve the organization and methods of i A. Narinskii. Bukhg. uchet 19 no. 3:28-3
Mitrofanov, V. M. [Textbook on auditing th operations of an enterprise; for the aid o and auditor] Posobie po proverke khoziai deiatel'nosti predpriiatii; v pomoshch' k revizoru. Moskva, Gosfinizdat, 1961. 3 pomoshch' finansovomu rabotniku)

AUDITORIUMS see subdivision under Mos

AUREOMYCIN
Biovetin in infectious enterotoxemia of shc Safarov. Veterinariia 37 no 12.58-59
Use of biomycin in combination with dysen pahge for treating acute dysentery in chi Holodets'. Ped., akush. i gin. 23 no. 3:
Use of biovetin in the diseases of young an Khakimova. Veterinariia 37 no. 12.56-5

AUSTENITE—TESTING

Deformation of supercooled austenite of carbon steel caused by friction. K. V. Savitskii, Iu I. Kogan. Tren. i izn. mash. no. 15:211-226 '62.

AUSTRALIA—ART, (ABORIGINAL)

A collection from the Groote Eylandt in northern Australia. V. R. Kabo Sbor. muz. ant. i etn 20:154-172 '61.

AUSTRALIA—HUNTING

Hunters of the green continent [U. Hailn Znan. ta pratsia no. 4:22 Ap '62

AUSTRALIA—INDUSTRIES

A review of the postwar development of some branches of Australian industry I. M. Pakhomov. Uch. zap. IMO no. 4 136-169 '61.

AUSTRALIA—SHIPBUILDING

Australian-built ships [from "Shipbuilding and Shipping Record," no. 4, 1961]. Sudostroenie 28 no 3:71-72 Mr '62.

AUSTRALIAN LITERATURE—PERIODICALS

The voice of working Australia V. Rubin. Novyi mir 38 no. 1:240-243 Ja '62

AUTHORS see subdivision under Kostroma, Ural Mountain region

AUTHORS—CONGRESSES

Spring... Florence... Rome. .. Viktor Shklovskii. Nov. vrem. 20 no. 23,28-30 Je '62.

With the weapons of words they are firing on colonialism | Az. i Afr. segi. no. 4:42 Ap '62.

AUTHORS—CORRESPONDENCE, REMINISCENCES, ETC.

"Moscow encounters" by Ivan Rakhilo. Reviewed by T Semushkin Moskva 5 no 9:213 '61

AUTHORS, FRENCH—PSEUDONYMS see Anonyms and pseudonyms, French

AUTHORS AND MOTION PICTURES

Why I don't write for motion pictures. Efim Dorosh. Isk. kino no. 4:76-80 Ap '62.

AUTHORSHIP

There are such families.... A. Lebedenko. Oktiabr' 38 no. 1:173-175 Ja '62.

AUTOBIOGRAPHY

"Work with memoirs in the study of the history of CPSU" by M. N. Chernomorskii. Reviewed by V. T. TSukanova Vest. vys. shkoly 20 no 4:95-96 Ap '62

AUTOCLAVES

Improvement in the use of autoclaves is a way of reducing specific capital investment in plants producing cellular concrete. N. Virganskaia. Ekon. stroi. no. 3,48-52 Mr '62

AUTOMATIC CONTROL

Akademiia nauk SSSR. Institut avtomatiki i telemekhaniki. [Automatic regulation and control] Avtomaticheskoe regulirovanie i upravlenie. Moskva, Izd-vo Akad. nauk SSSR, 1962. 520 p.

Aliev, M. D. [Mechanized quality control in the assembling of deep pumps] Mekhanizatsiia kontrolia kachestva sborki glubinnykh nasosov. Baku, Ob"edinennoe izd-vo, 1959. 14 p. (Serlia: Neftedobyvaiushchaia promyshlennost')

[MICROFILM]

Analytic construction of regulators in systems with random properties E A. Fidkii Prik. mat. i mekh. 26

omatic

Automatic controller of ramming density by jolting B I Alekseev, V. M IAnkelevich Lit proizv no 4 11-13 Ap '62

Automatic device for the inspection and sorting of parquet floor boards A I Isakov, A P Poznaev. Der prom 11 no. 4 6-8 Ap '62.

Automatic diaphragm-weighing proportioning "0-4-61" unit developed by the Central Scientific Research Institute of the Bakery Industry A. S. Shpigel'glias Khleb i kond. prom. 6 no. 4:27-31 Ap '62.

Automatic drive for mining coal without men. A. P Shirokov Izv. vys. ucheb zav. ,gor zhur. 5 no 1 138-143 '62

Automatic milk reception line L. M. Makarevich. Mekh. i avtom proizv 16 no. 4:10-11 Ap '62

Automation and remote control on gas fields. P. F. Vodianik. Pyt. rozv. prod. syl L'viv. i Stan. ekon. adm nai. no 2 54-71 '61

Automation of building machinery and prospects for its development in the next 20 years S. S Shchedrovitskii. Stroi. i dor. mash. 6 no. 11:23-26 N '61

Avmochkin, A. V. [Automatic instruments in the textile industry] Avtomaticheskie pribory v tekstil'nom proizvodstve. [Ivanovo] Ivanskoe knizhnoe izd-vo, 1961. 200 p.

Brandelis, A. M. [Operator of automatic lathes] Avtomatchik na tokarnykh avtomatakh. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1961. 230 p.

Concerning a certain criteria for evaluating the reliability of automatic control systems. V. V. Kazantsev, V. N. Kashtanov. Izv. AN SSSR Otd. tekh. nauk. Energ. i avtom. no. 2:136-139 Mr-Ap '62.

Concerning the choice of cases in the calculation and analysis of systems containing random parameters [with summary in English]. A. I Averbukh. Avtom. i telem. 23 no. 4 497-502 Ap '62.

Concerning the limitation of transient processes in multidimensional stationary automatic control systems. M. Z Litvin-Sedoi. Izv. AN SSSR. Otd tekh. nauk. Energ. i avtom. no. 2:115-123 Mr-Ap '62.

Concerning the theory of stability of the unsteady motion of nonlinear automatic control systems [with summary in English]. A. K. Bedel'baev. Avtom. i telem. 23 no 4,540-542 Ap '62

Concerning the use of simulating devices in the determination of transient processes in systems containing links described by telegraph equations [with summary in English] I. S. Rainer Avtom. i telem. 23 no. 4. 453-460 Ap '62.

Correlation methods for determining the approximate characteristics of multidimensional processes in continuous lines. N. S. Raibman. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no. 2:72-91 Mr-Ap '62.

Cybernetics and automatic control. B. A. Trapeznikov. Priroda 51 no. 4:27-34 Ap '62.

Device for automatic control of the boiling of refined sugar massecuites. S. I. Sokolov. Mekh. i avtom. proizv. 16 no. 4:33-34 Ap '62.

Device for automatic control of the dimensions of parts machined on surface-grinding machines. P. I. Rusin, L. A. IAroshevskii, N. N. Fedorin. Vest. mash. 42 no. 2:70-71 F '62.

Dynamic properties and adjustment of systems containing discrete controllers [with summary in English]. E. K Krug. Avtom. i telem. 23 no. 4:491-496 Ap '62.

Dynamics of a step-by-step motor with current "cutoff," D. S. Borisov, A. E. Kobrinskii. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no. 2:140-147 Mr-Ap '62.

Electronic device for complanary transfer of a plane with a high degree of precision. A. IA. Akmentyn'sh. Izv. vys. ucheb. zav., radiotekh. 4 no. 6:729-731 N-D '61.

Experience acquired in using the automatic vapor pressure control system (ARDP). S. Kasimov. Rech. 3:26 Mr '62.

the dynamics of a one-compart-
lar atmospheric furnace. A. G.
b. SSR. Ser. fiz. -mat. i tekh. nauk

utomation in the manufacture of
matizatsiia v proizvodstve khimi-
ev, Gos. izd-vo tekhn. lit-ry USSR,

servomechanism for the external
Taisitov. Vop. prikl. gir. no. 2:

i of inertial nonlinear links of auto-
summary in English]. E. D. Garber.
no. 4:536-539 Ap '62.

nts of Soviet offices and agencies.
4:97-98 Ap '62.

systems in the case of multidimen-
bances L. IA. Rottenberg. Prik.
2:247-258 Mr-Ap '62.

nditions of a hydraulic friction
lly controlled mine ventilation units
ctric motors L. I. Gavrishin.
l '61.

on of water distribution in irriga-
lianova. Vop. gidr. no. 3:27-61

ing speed of certain third-order
. Pavlov. Izv. AN SSSR. Otd. tekh.
no. 2:59-71 Mr-Ap '62.

Introducing automatic control of oxyacetylene hardening of cylindrical gear M A Tylkin, P. F. Kosenko, M G. Eroshkin. Biul TSIICHM no 9 17-19 '60

Kiriukhin, A. M. [Introduce automation in agriculture] Avtomatiku - v sel'skoe khoziaistvo. Moskva, Izd-vo "Znanie," 1961. 53 p. (Narodnyi universitet kul'tury. Sel'skokhoziaistvennyi fakul'tet, no. 20)

Kiriukhin, A. M. [Introduce automation in agriculture] Avtomatiku - v sel'skoe khoziaistvo. Moskva, Izd-vo "Znanie," 1962. 47 p. (Novoe v zhizni, nauke, tekhnike. V Serlia: Sel'skoe khoziaistvo, no. 1)

Laboratory investigation of models of automatic hydraulic forebay regulators of the firm Neyrpic. A. A. Gartung Vop gidr. no. 3:104-111 '61

Latvijas Padomju Socialistiskas Republikas Zinatnu akademija. Institut elektroniki i vychislitel'noi tekhniki. [Electronic machines serve men; a collection of popular works] Elektronnye mashiny sluzhat cheloveku; sbornik nauchno-populiarnykh statei. Riga, Izd-vo Akad. nauk Latviiskoi SSR, 1961. 170 p.

Let's introduce automation at reinforced concrete products plants. Bet i zhel.-bet. no. 1:48-3 of cover Ja '62.

Mechanized and automatically controlled line for the smelting and pouring of zinc. I. N. Sakharov. TSvet. met. 35 no. 4:34-41 Ap '62.

Method for integrating certain equations of automatic control systems. K. K. Bella. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no. 2:167-176 Mr-Ap '62.

Nonlinear tracking system in gyroscopic instruments and one of the approximate methods for their calculations. V. M. Erofeev Vop prikl gir no 2:78-93 '60

Nonsymmetrical self-oscillations of a gyrostabilizer. S. A. Chernikov. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no. 2:104-114 Mr-Ap '62.

Object of induction of radiational heating as a link of an automatic control system. A V Netushil. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no. 2 130-135 Mr-Ap '62.

On a certain follow-up problem. N. N. Krasovskii Prik mat. i mekh 26 no. 2:218-232 Mr-Ap '62.

Optimal sliding processes. R. V. Gamkrelidze. Dokl. AN SSSR 143 no. 6:1243-1245 Ap '62.

Optimalizing control of resonance screens. S. A. Volotkovskii and others. Izv. vys. ucheb. zav., gor zhur. no 3, 129-132 '61

Phase-sensitive bridge network using variconds. V. T. Zagorodniuk Trudy NPI 115 55-61 '61

Poruchikov, IU. P., and G. L. Khazan. [Automatic control of the preparation and distribution of molding mixtures] Avtomatizatsiia prigotovleniia i razdachi formovochnoi smesi. Moskva, Mashgiz, 1962. 176 p.

Progressive practices in the mechanization and the automatic control of pipe mills V. L. Orol'. Biul TSIICHM no 9, 16-25 '60.

Quality pickup used in automatic control of rectification processes. L. A. Kolomyisev. Priborostroenie no. 4: 12-15 Ap '62.

Relationship between the adjuncts of determinant elements and its application to the invariance theory [with summary in English]. V. D. Vershinin Avtom. i telem. 23 no. 4:441-446 Ap '62.

Reliability of automatic control devices. V. B. Ginzburg Mekh. i avtom proizv. 16 no 3:44-45 Mr '62.

Requirements of marine power plant control systems. V. I. Nikolaev, G. A. Zakharov. Sudostroenie 28 no. 3 18-21 Mr '62.

Screw-type pusher drive. Shakht. stroi. 6 no 4:3 of cover Ap '62.

Shatalov, A. S. [Structural methods in the theory of control systems and electronic control] Strukturnye metody v teorii upravleniia i elektroavtomatike. Moskva, Gos. energ. izd-vo, 1962. 407 p.

Solution of certain matrix inequalities in the theory of automatic control. V. A. IAkubovich Dokl. AN SSSR 143 no. 6:1304-1307 Ap '62.

Synthesis of discrete corrective devices based on the criteria of finite control time [with summary in English]. M. D. Potapov. Avtom. i telem. 23 no. 4:433-440 Ap '62.

Uralvagonzavod, Nizhniy Tagil. [Mechanization and automation in railroad car manufacture] Mekhanizatsiia i avtomatizatsiia v vagonostroitel'nom proizvodstve. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 103 p.

"Use of radioactive isotopes for purposes of automatic control in the coal industry" by V. G. Segalin. Reviewed by A. E. Trop, V. A. Khramov. Izv. vys. ucheb zav., gor zhur. no 3:156-157 '61

Variational problems on the optimization of control processes for equations with discontinuous right parts. V. A Troitskii. Prik. mat. i mekh. 26 no. 2:233-246 Mr-Ap '62.

Ways for the further development of mine haulage by electric locomotives. B. S. Belovidov Trudy NPI 115, 3-12 '61.

AUTOMATIC CONTROL—ABSTRACTS

[Automatic control and radio engineering] Ref. zhur.: Avtom. i radiotekhn. no. 4 Ap '62.

AUTOMATIC CONTROL—BIBLIOGRAPHY see Bibliography—Automatic control

AUTOMATIC CONTROL—CONGRESSES
Eighth Scientific and Technical Conference of the Young Scientists of the Institute of Automatic and Remote Control Avtom. i telem. 23 no. 4:540-540 Ap '62

AUTOMATIC MACHINERY see Machinery, Automatic

AUTOMATION
All-Union scientific technical conference on the mechanization and automation of assembling operations in the machinery industry A. M. Sobol'. Vest mash 42 no 2:85-86 F '62.
Astaf'ev, V. IA., and M. A. Prokhorov. [Automation in the manufacture of precast reinforced concrete] Avtomatizatsiia v proizvodstve sbornogo zhelezobetona. [Penza] Penzenskoe knizhnoe izd-vo, 1961. 61 p.
Automatic heat treatment of links of scraper conveyer chains. L. N. Zhubr. Mashinostroenie no.2:64-66 Mr-Ap '62.
"Automatic machines and automatic production lines" by G. A. Shaumian. Reviewed by V. V. Boltsov. Vest. mash. 42 no. 2:87 F '62.
Automation in the service of man, facts and figures. Agitator no.10 27-29 My '62.
Automation, money bags and man Bert Edwards and others. Sov. profsoiuzy 18 no 8 42-44 '62.
Boguslavskii, B. L. [Semiautomatic and automatic lathes and automatic lines] Tokarnye poluavtomaty, avtomaty i avtomatizirovannye linii. Izd. 3, , perer. i dop. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1961. 599 p.
Development of mechanization and automation in the food industry. S. I. Golub. Mekh. i avtom. proizv. 16 no. 1: 1-2 Ap '62.
Devices for the automation of petroleum refineries I. B Vainberg, Sh. L. Sokolin Mekh i avtom proizv 16 no 3 37-40 Mr '62.
Encyclopedia "Automation of production processes and electronic engineering." Mekh. i avtom. proizv. 16 no. 3 56 Mr '62.
Equipment used in the automation of assembling processes. V. S. Korsakov. Vest. mash. 42 no. 4: 59-64 Ap '62.
High-production automatic lines in the brewing industry I. A. Ilutze. Mekh. i avtom proizv. 16 no. 4:14-16 Ap '62
In the State Committee on Automation and Machinery Manufacture of the Council of Ministers of the U. S. S. R Mekh. i avtom. proizv. 16 no 4:59 Ap '62.
Labor productivity and automation. G. A. Shaumian. Vest. mash. 42 no 2:72-79 F '62.
Mechanization and automation in the tobacco industry. G. I. Dikker, S. G Isaev. Mekh i avtom. proizv. 16 no. 4:12-14 Ap '62.
Mechanization and automation of production management in the assembly shops of the Likhachov Automobile Plant M. I. Slutskii, S. K. Lileev. Vest. mash. 42 no. 4:82-85 Ap '62.
"Mechanization and automation of the processing of plastics" by V. K. Zavgorodnii Mekh. i avtom. proizv. 16 no. 3:54 Mr '62.
Moscow. Nauchno-issledovatel'skii ekonomicheskii institut. [Economic efficiency of production mechanization and automation] Ekonomicheskaia effektivnost' mekhanizatsii i avtomatizatsii proizvodstva. Pod red. A. D. Emel'ianova i A. S. Tolkachova. Moskva, Izd-vo ekon. lit-ry, 1962. 347 p.
New automatic line. N. Navitskaia. Belarus' 10 no. 4:19 Ap '62.
On the way to the over-all automation in ferrous metallurgy. A. K. Adelbashian, M. N. Starovich Mekh. i avtom. proizv. 16 no. 3:3-6 Mr '62
Over-all automation of mine haulage. A. V. Gudkov, F. I. Marushko, A. A. Eller. Mekh. i avtom. proizv. 16 no. 4:56-58 Ap '62.
Over-all mechanization and automation of converter processes. Mekh. i avtom. proizv. 16 no. 3:49-52 Mr '62.
Reduction of the number of states in a certain class of finite automata. V. G. Lazarev, E. I. Pliī' Dokl. AN SSSR 143 no. 5:1064-1066 Ap '62.
Training of personnel for projects in the final stages of construction. M. Liberman. Prof.-tekh obr. 19 no. 4:28-30 Ap '62.

AUTOMATION—BIBLIOGRAPHY see Bibliography—Automation

AUTOMATION—ECONOMIC ASPECTS see subdivision under United States

AUTOMOBILE DRIVERS
Areshkin, G. I., and others. [Training manual for motor-vehicle drivers] Posobie dlia podgotovki voditelia avtomobilia. Moskva, Voen. izd-vo M-va obor. SSSR, 1962. 601 p.
Every driver should know this. I. Gladeshkin. Avt. transp. 40 no.4:50 Ap '62.
Training stands are needed. G. IUr'ev. Avt. transp. 40 no.4:50 Ap '62.
Zhabin, A. D. [Manual on automobile driving] Uchebnoe posobie po vozhdeniiu avtomobilia. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1961. 110 p.

AUTOMOBILE EXHAUST GAS
Concerning the article by M. V. Alekseeva, V. A. Khrustaleva, "A study of exhaust gases from automobile traffic" Z. G. Vol'fson. Gig. i san. 26 no. 5:89-90 My '61.

AUTOMOBILE INDUSTRY see subdivision under Minsk; Moscow

AUTOMOBILE INDUSTRY WORKERS—EDUCATION AND TRAINING see subdivision under Moscow

AUTOMOBILE RACING
Automobile racing in 1962. Avt. transp. 40 no.4,58 Ap '62.

AUTOMOBILES
Automatic system for preventing slippage of the drive wheels. G. Rybnikov. Tekh. v sel'khoz. 22 no.4:64 Ap '62.
Kuniaev, N. A. [For the amateur-driver about the "Volga" automobile] Shoferu-liubiteliu ob avtomobile "Volga." Izd. 2., perer. i dop. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1961. 174 p.

AUTOMOBILES—BRAKES
Gluing the lining on brake shoes instead of riveting. D. D. Mel'man, L. A. Chizhkova. Avt. prom. 28 no 4: 34-35 Ap '62.

AUTOMOBILES—DESIGN AND CONSTRUCTION
"Golikoveta," a homemade automobile. A. TSvang. Shkola i proizv. 6 no.3 74 Mr '62.

AUTOMOBILES—ELECTRIC EQUIPMENT
Requirements of the quality of repair of automobile and tractor generators. V. Barabanov. Tekh. v sel'khoz. 22 no.4:67-68 Ap '62.

AUTOMOBILES—ENGINES—CARBURETORS
Shukhov, O. K. [Emulsion carburetors; principles of operation and methods for regulation] Emul'sionnye karburatory; printsip raboty i metody regulirovki. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1962. 70 p.

AUTOMOBILES—ENGINES—CYLINDERS
Deformation of cylinder heads and consequences of this deformation. A. Muzychuk. Tekh. v sel'khoz. 22 no.4:70-72 Ap '62.

AUTOMOBILES—ENGINES—TESTING
Investigating the wear and deformations of engine parts of the "Volga" automobile. D. I. Donskoi. Avt. prom. 28 no.4:4-7 Ap '62.

AUTOMOBILES—ENGINES (COMPRESSED GAS)
Compressor and pressure regulating valve of the ZIL-130 and ZIL-131 automobiles. L. A Ostroumov. Avt. prom. 28 no.4.15-16 Ap '62.

AUTOMOBILES—MAINTENANCE AND REPAIR
(see also subdivision under Leningrad)
Organizing continuous maintenance of automobiles. K. Kostin. Avt. transp. 40 no.4:19-21 Ap '62.
Russia (1917- R. S. F. S. R.) Ministerstvo avtomobil'nogo transporta. [Manual for the maintenance of the M-20 "Pobeda" automobile] Rukovodstvo po tekhnicheskomu obsluzhivaniiu legkogo avtomobilia M-20 "Pobeda." Pod red. P. F. Zemskova. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1960. 174 p.

AUTOMOBILES—SPRINGS
Designing the suspension of the power unit of passenger cars. V. F. Rodionov. Avt. prom. 28 no.4 9-15 Ap '62.

AUTOMOBILES—TRANSMISSION DEVICES
Selection of the number of steps and transmission numbers in the gearbox of passenger cars. D. R. Dadashev. Izv. AN Azerb. SSR. Ser. fiz. -mat. i tekh. nauk no.1:170-174 '62.

AUTOMOBILES—TRANSMESION DEVICES, AUTOMATIC
Friction powder-metal parts used in automatic transmissions of the GAZ automobiles. V. I. Blagin, B. S. Pospelov. Avt. prom. 28 no.4:36-39 Ap '62.

AUTOMOBILES, ELECTRIC
Electromobile. Znan ta pratsia no.4:32 Ap '62.

AUTOMOBILES, GOVERNMENT see subdivision under Kazakhstan

AUTOMOTIVE TRANSPORTATION see Transportation, Automotive

AUTONOMIC DRUGS
Comparative effect of substances stimulating and blocking the choline reactive systems on the bioelectrical activity of the cortex and reticular formation of the brain [with summary in English]. P. P. Denisenko. Farm. i toks. 25 no.1:8-15 Ja-F '62.
Effect of neurotropic substances on the bodies of sheep infected with brucellosis, in connection with the site of infection. P. A. Karasev, E. F. Dymko. Trudy AZVI 9:251-255 '58.
Experimental data on the compound use of neuroplegic, vasopressor and hormonal substances in the treatment of shock [with summary in English]. O. P. Khrabrova. Biul. eksp. biol. i med. 3[1 e. 53] no. 3:60-64 Mr '62.

AUTONOMIC NERVOUS SYSTEM see Nervous system, Autonomic

AUTOPSY
Increasing the sensitivity of the salting out method in determining ethyl alcohol in cadaver material V. V. Kravchenko, Sud.-med. ekspert 5 no 1:38-44 Ja-Mr '62.
Material on the examination of the organs of a corpse in legal medicine; role of staphylococci and streptococci in certain infectious diseases Z. M. Shakhmalieva. Sud.-med. ekspert 5 no. 1 25-27 Ja-Mr '62

AUXILIARY POLICE
Advice for the members of fellow workers' courts and voluntary policemen. Rad pravo no 2 52-55 Mr-Ap '62.
In the Presidium of the Supreme Soviet of the U. S. S. R. Sov. tust. no.6:25 Mr '62.

AVALANCHES
Calculating the maximum range of an avalanche M. B Barban Izv. AN Uz SSR, Ser. fiz -mat nauk 6 no 1 74-80 '62.

AVANESOV, RUBEN IVANOVICH, 1902-
Ruben Ivanovich Avanesov, on his 60th birthday. A. B. Shapiro. Izv AN SSSR. Otd. lit. i iaz. 21 no. 2:163-164 Mr-Ap '62.

AVERAGE
Application of the principle of averaging to quasilinear parabolic systems of the second order. S. D. Eidel'man Sib. mat. zhur 3 no 2 302-307 Mr-Ap '62

AVVAKUM, PROTOPOPE, 1621?-1682
Centennial of the first publication of Avvakum's "Life." IU. K. Begunov, P. L. Vainshenker. Izv. AN SSSR. Otd. lit. i iaz. 21 no. 2:172-174 Mr-Ap '62.

AXIAL FANS see Fans, Mechanical

AXINITE see subdivision under Far East

AZEPINONE
Thermomechanical properties of cord made from polycaprolactam. A. Z. Golik and others. Khim. volok. no. 2:23-25 '62

AZERBAIJAN—ANATOMY—STUDY AND TEACHING
History of the Chair of Normal Anatomy of the N. Narimanov Azerbaijani State Medical Institute. K. A. Balakishiev. Arkh anat, gist. i embr 40 no. 5 89-92 My '61

AZERBAIJAN—ANATOMY, PATHOLOGICAL
Pathological anatomy in the Azerbaijanian S. S. R. during the past 40 years (1920-1959) D. IU. Geseinov. Arkh. pat. no. 6:80-85 '61

AZERBAIJAN—CATTLE—DISEASES AND PESTS
Hoof diseases in cattle. K. Sh. Gadzhiev, G. A. Kuliev. Veterinariia 38 no.1 54-55 Ja '61.

AZERBAIJAN—COMMUNIST PARTY OF THE SOVIET UNION—CONGRESSES
Kommunisticheskaia partiia Azerbaidzhana. 25. s"ezd. [Resolutions of the 25th Congress of the Communist Party of Azerbaijan] Razoliutsii. Baku, Azerbaidzhanskoe gos. izd-vo, 1961. 55 p.

AZERBAIJAN—DOMESTIC RELATIONS
Asadov, Aziz. [Family law; based on the materials of the Azerbaijan S. S. R.] Semeinoe pravo, po materialam Azerbaidzhana. Baku, Azerbaidzhanskii gos. univ., 1959. 221 p.

AZERBAIJAN—FOOT-AND-MOUTH DISEASE
Pathomorphological data on the foot-and-mouth disease in newborn lambs. G. A. Selim-khanov, K. Sh. Gadzhiev, A. M. Khankishiev. Veterinariia 37 no. 8,44-46 Ag '60.

AZERBAIJAN—FORAMINIFERA, FOSSIL
New species of Foraminifera in ments in northeastern Azerba AN Azerb. SSR Ser. geol. -geo

AZERBAIJAN—GAS, NATURAL
Results of prospecting for oil a S. S. R. in 1961 and problems Zade. Geol. nefti i gaza 6 no.

AZERBAIJAN—PETROLEUM GI
Results of prospecting for oil a S. S. R. in 1961 and problems Zade. Geol. nefti i gaza 6 no

AZERBAIJAN—PHYSICAL EDUC
Organizing physical culture an the Azerbaijan S. S. R. L. K. fiz. kul't. 25 no. 4:13-17 Ap

AZERBAIJAN—PRODUCTION ST GRESSES
Conference on the present state standards in the enterprises Council IU. Riabchinskii, M no. 1.146-148 Ja '62.

AZERBAIJAN—ROCKS, SEDIME
Dependence of the compositions teristics of clay minerals on t the accumulation of Maikop de A. G. Seidov, D. D. Kotel'nikov 128-135 Mr '62

AZERBAIJAN—SOCIAL GROUP WORK
The "councils of culture" on collective farms A. Mironova Komsom. zhizn' no. 6,18 Ap '62

AZERBAIJAN—WINDS
Duration of calms affecting power generation in the Azerbaijan S S R. V I Es'man. Izv. AN Azerb SSR. Ser. fiz. -mat i tekh nauk no. 1:115-121 '62
Local names of winds in the Azerbaijan S. S. R. [in Azerbaijani with summary in Russian]. R M. Uzbashev Izv. AN Azerb. SSR Ser. geol -geog. nauk no. 6:155-167 '59

AZERBAIJAN—YOUTH
Alizade, M. A. [Azerbaijani youth, active builders of communism] Molodezh' Azerbaidzhana, aktivnyi stroitel' kommunizma. Baku, Detiunizdat, 1960. 40 p. (MH)

AZINES
Synthesis of complexes of aldazines and ketazines with copper semihalide. A. S. Gudkova and others. Dokl. AN SSSR 143 no. 5 1098-1100 Ap '62.

AZOTOBACTER
(see also subdivision under Black Sea)
Application of bacterial fertilizers as surface dressing P. K. Lampovshchikov Trudy Vses. inst. sel'khoz mikrobiol no. 14,257-262 '58
Development of Azotobacter in Chernozem soils S. P. Norkina and others Trudy Vses inst sel'khoz mikrobiol no 14:49-62 '58.
Development of Azotobacter in the rhizosphere of plants in acid turf-Podzolic soils in case of its use together with organomineral mixtures A. I Chunderova Trudy Vses. inst. sel'khoz. mikrobiol no 14:213-222 '58
Distribution of Azotobacter in the turf-Podzolic soils of the Ukrainian Polesye. Kh. N. Zinov'eva, Mikrobiol. zhur. 23 no. 6:18-22 '61.
Effect of freshly isolated Azotobacter strains on the crop yield A. E. Siukhai-Natal'chenko Trudy Vses inst sel'khoz mikrobiol no 14:236-241 '58
Increasing the effectiveness of peat composts I. I. Samoilov, E. I. Nesterova, V. G Goilkov Trudy Vses. inst sel'khoz mikrobiol. no. 14:152-173 '58
Increasing the fertilizing value of manure and organomineral mixtures by bacterization M. IA. Finkel'shtein. Trudy Vses inst sel'khoz mikrobiol no. 14:209-212 '58.
Influence of granulated fertilizers on the effectiveness of azotobacterin O. A. Zonchenko Trudy Vses inst sel'khoz mikrobiol. no. 14:223-236 '58.

AZOV, SEA OF—HYDROLOGY
[Hydrological yearbook] Gidrologicheskii ezhegodnik. Leningrad Gidrometeor. Izd-vo.
1958. Vol. 2. [Basins of the Black and Azov Seas (excluding the Caucasus)] Basseiny Chernogo i Azovskogo morei (bez Kazkaza)
No. 4, 5. [Dnieper River basin below the Pripet River] Bassein r. Dnepr nizhe r. Pripiat' Pod red. N. P. Gorbatsevich i Z. I. Kirpatovskoi. 1961 283 p.

AZOV SEA REGION—BENTHOS
Characteristics of the bottom fauna of the Kal'mius and Gruzskoy Elanchik Rivers of the northern shore of the Sea of Azov [with summary in English]. I P. Lubianov Zool. zhur. 41 no. 4:496-502 Ap '62.

AZOV SEA REGION—GEOLOGY, STRATIGRAPHIC
Some characteristics of the formation of Cretaceous sediments in the southeastern Ukrainian S. S. R (region of the Sea of Azov) V. Kh. Hevork'ian. Geol zhur. 22 no. 2:42-52 '62.

BACTERIA, AEROBIC
Effect of some factors on the phosphatase activity of Bac. megatherium. N. M. Mal'tseva. Mikrobiol. zhur. 23 no 6 11-18 '61.
Reaction of Bac. megatherium to vitamins. Report No. 22 Effect of some vitamins on the reproduction of Bac. megatherium. N. M. Mal'tseva. Mikrobiol. zhur. 23 no. 4 1-8 '61.

BACTERIA, CELLULOSE-DECOMPOSING
Fermentation of cellulose by pure cultures of anaerobic cellulose bacteria in the presence of simple sugars. H. A. Nikitin. Mikrobiol. zhur. 23 no. 1:15-18 '61.

BACTERIA, DENITRIFYING
Denitrifying bacteria from the root system of flax and wheat and their effort on plants L. N. Stepanova. Trudy Vses inst sel'khoz mikrobiol no 14:113-122 '58.

BACTERIA, PATHOGENIC
Antibacterial action of some alkaloids. N. I. Heonia, M. M. Professov. Mikrobiol. zhur. 23 no. 4:24-27 '61.
Antimicrobial properties of the cultivated horseradish. Report No. 1: Antimicrobial activity of extracts and essential oil from cultivated and wild horseradishes. A. K Nehrash. Mikrobiol. zhur. 23 no. 4:32-37 '61.

BACTERIA, PHOSPHORUS
Efficient methods of bacterizing seeds with dry phosphorobacterin M. T. Kvaratskheliia Trudy Vses. inst sel'khoz. mikrobiol no. 14:252-256 '58

BACTERIA, PHYTOPATHOGENIC
Bacterial diseases of annual forage grasses. L. T. Pasushenko. Mikrobiol. zhur. 23 no. 6:61-65 '61.
Change in some biological properties of xanthomonas campestris under the influence of thiosulfonic acid esters Report No. 1 Change in the morphological, biochemical and serological properties of X. campestris. M. D. Kulykovs'ka. Mikrobiol. zhur. 23 no. 4 9-14 '61.

BACTERIA, SILICATE
Identification of Bacillus silicatus. V. O. Rozhdestvenskyi. Mikrobiol. zhur 23 no. 4:1-3 '61.

BACTERIOLOGICAL LABORATORIES
Bacteriological laboratories in the Russian Socialist Federal Soviet Republic and the organization of their work. A. M Miasnenko and others. Zdrav. Ros. Feder 6 no. 4:8-11 Ap '62.

BACTERIOLOGY
Use of molecular spectrum analysis in bacteriology and immunology. V M Vadimov. Zhur. mikrobiol., epid. i immun. 33 no. 3,3-8 Mr '62.

BACTERIOLOGY—CULTURES AND CULTURE MEDIA
Cultivation of Cl perfringens on synthetic media [with summary in English]. V. F Runova. Zhur mikrobiol., epid. i immun 33 no. 3:56-62 Mr '62.
Experiments in testing new media for bacterial cultures used in the control of injurious rodents and insects. M. I. Prokhorov, L. A. Simonova Trudy Vses. inst sel'khoz. mikrobiol. no. 14:333-343 '58.

BACTERIOLOGY—EQUIPMENT AND SUPPLIES
Use of a new type of "microfil" filters for the concentration and indication of bacteria from the air, water and soil. V. V. Vlodavets and others. Gig. i san. 27 no. 3:51-55 Mr '62.

BACTERIOLOGY, VETERINARY see Veterinary bacteriology

BACTERIOPHAGE
Anatomy of phages and some problems of genetics. N. N. Zhukov-Verezhnikov, A. P. Pekhov. Vest. AMN SSSR 17 no. 3:37-46 '62.
Biological characteristics of phages from enteropathogenic intestinal bacteria. Report No. 1: Isolation, range of action and serological characteristics of 0111, 026 and 055 coliphages [with summary in English]. L. B Borisov, L. I. Adel'son, R. N. Petukhova. Zhur. mikrobiol., epid. i immun. 33 no. 3:94-98 Mr '62.
Combined effect of levomycetin and bacteriophage on dysenterial bacteria. L. S. Rudenko, L. H. Fedorova. Mikrobiol. zhur. 23 no. 6:37-41 '61.
Effect of levomycetin on phagolysis in dysenterial bacteria [with summary in English]. E. K. Ginter, E. V. Karaseva, E. P. Sivolodskii. Antibiotiki 7 no. 5:467-470 My '62.
From 0 to 40 billion. D. M. Gol'dfarb. Zdorov'e 8 no. 2:29 F '62.
Nepomniashchaia, M. L., L. IU. Medvinskaia, and L. A. Liberman. [Streptococcus lactis bacteriophage and its control in the dairy industry] Bakteriofag molochnokislykh streptokokkov i bor'ba s nimi v molochnoi promyshlennosti. Kiev, Izd-vo Akad. nauk USSR, 1961. 151 p.
Use of biomycin incombination with dysenterial bacteriophage for treating acute dysentery in children. M. V. Holodets', Ped., akush. i gin. 23 no 3:21-22 '61.
Use of phage-impregnated discs in determining the sensitivity of bacterial cultures [with summary in English]. L. R. Kolomoitsev, I. D. Druzhinin. Zhur. mikrobiol., epid. i immun. 33 no. 3:40-41 Mr '62.

BACTEROIDES
Symbiosis of reticular cells with Bacteroides in the lymphoid follicles of the intestine of rabbits [with summary in English]. M I. Rozumov, V G Getmberg Arkh. pat. no. 4 24-31 '62.

BACTRIAN BRONZES see Bronzes, Bactrian

BAEVA, ANTONINA
[Book reviews]. Nadezhda Pavlovich. Oktiabr' 39 no. 3:213-214 Mr '62.

BAIKAL, LAKE—GEOLOGY, STRUCTURAL
Hail, glorious sea! V. Mukhortov. Znam. stia 37 no. 4: 30-32 Ap '62.

BAIKAL LAKE REGION—SULFIDES
Sulfide copper-nickel mineralization in a massif of basic and ultrabasic rocks in the Baikal folded area M. V. Denisova. Trudy VSEGEI 60:37-45 '61.

BAKED PRODUCTS
Swelling of ring cracknel products. M. I. Bugrov. Khleb. i kond. prom. 6 no. 4:35-36 Ap '62.

BAKERS AND BAKERIES
(see also subdivision under Minsk)
Methods of determining the degree of mechanization of production processes in the bakery industry. M. G. Nekrasov. Khleb. i kond. prom. 6 no. 4:16-18 Ap '62.
Scientific and technical conference in Minsk. T. N. Dashkevich, V. P. Gromova Khleb. i kond. prom. 6 no. 4:43-44 Ap '62.
Standard design of a bakery with a daily capacity of 140 tons of bakery products. M. A. Kuznetsov. Khleb. i kond. prom. 6 no. 4:18-22 Ap '62.

BAKERS AND BAKERIES—EQUIPMENT AND SUPPLIES
Automatic diaphragm-weighing proportioning "0-4-61" unit developed by the Central Scientific Research Institute of the Bakery Industry. A. S. Shipigel'gitas. Khleb i kond. prom 6 no 4:27-31 Ap '62.
Flour feeder for the dough mixer of the KhTR unit. V. V. Kondakov Khleb. i kond. prom. 6 no. 4:35 Ap '62.
Pneumatic tube transportation of flour. N. E. Morev, V. V. Mukhin. Khleb. i kond. prom. 6 no. 4:4-9 Ap '62.
System of making wheat bread dough in bin units. A. S. Grishin. Khleb i kond. prom. 6 no. 4:25-27 Ap '62.
Transportation of liquid bakery yeast by means of compressed air. P. A. Zakata. Khleb. i kond. prom. 6 no. 4:37-38 Ap '62.

BAKERS AND BAKERIES—QUALITY CONTROL
Using the point system in determining the quality of bakery products S. M. Garda and others Khleb. i kond. prom. 6 no. 4:33-34 Ap '62.

BAKHMET'YEVSKOYE REGION (VOLGOGRAD PROVINCE)—OIL RESERVOIR ENGINEERING
Discussion. A. G. Stremskii. Trudy VNII no. 25:188-189 '59.

BAKU—CRACKING PROCESS
Combined operation of the reforming of ligroine with the light cracking of fuel oils in a double-chamber furnace of thermal cracking processes. R. G. Ismailov, M. I. Kornaev, O. T. Karagedova. Khim. i tekh. topl. i masel. 7 no. 4:3-5 Ap '62.

BAKU—INDUSTRIAL HYGIENE
Merit of the trade-union activist group. I Davydov. Okhr. truda i sots. strakh. 5 no. 4:18 Ap '62.

BAKU—INSULATING OILS
Production of insulating oils from Baku crudes by adsorption refining. R. Sh. Kuliev and others. Khim. i tekh. topl. i masel 7 no. 4:15-21 Ap '62.

BAKU—LABOR COURTS
Both judges and friends. B. Rodban. Sov. profsoiuzy 18 no 2:34-35 Ja '62.

BAKU—PETROLEUM INDUSTRY—FIRES AND FIRE PREVENTION
Acting as a collective. A. Danil'chenko. Pozh. delo 8 no. 4:28 Ap '62.

BAKU—SHIPS—MAINTENANCE AND REPAIR
Merit of the trade-union activist group I Davydov. Okhr. truda i sots. strakh. 5 no. 4:18 Ap '62.

BAKU—THEATER
"Chairman." V. Bogusiavskii. Teatr 23 no. 5:113-116 My '62.

BALANCE
Tiutikova, M. I. [Balance for weighing small masses] Vesy dlia izmerenia malykh mass. Moskva, Gos. Izd-vo standartov, 1960. 23 p. (Serija obzornykh monografii po izmeritel'noi tekhnike, no. 14)
[MICROFILM]

BALANCING OF MACHINERY
Causes for and elimination of crankshaft unbalance. A. Sergeev. Avt. transp. 40 no. 4:28-30 Ap '62.

BALDNESS
Local treatment of alopecia areata and totalis with corticosteroid preparations [with summary in English]. A. I Akubson, L. N. IUdkina. Vest. derm. i ven. no. 4:39-41 '62.

BALEZINO—CIVIC IMPROVEMENT
Public participation in the civic improvement of our settlement. A.Knizev. Agitator no.10 58 My '62.

BALKHASH—AGRICULTURAL MACHINERY
"I could not believe my eyes..." D.Novoplianskii. Sov.pech. no.3,26-27 Mi '62.

BALKHASH—NONFERROUS METAL INDUSTRIES—HYGIENIC ASPECTS
With such forces it is easy. M. Brodskii Okhr. truda i sots. strakh 5 no. 4:16-17 Ap '62.

BALKHASH, LAKE—SCHIZOPODA
Adaptability of mysids to increased mineralization of water in Eastern Balkhash [with summary in English] S. N. Ivanov, N. B. Vorob'eva. Zool. zhur. 41 no. 1:138-139 Ja '62.

BALKHASH LAKE REGION—FELDSPAR
Manifestation of potassic feldspars in the Sayak I skarn deposit (northeastern Lake Balkhash region) V G Bogolepov. Uch zap. Kazakh. un 37 no 4 82-97 '58

BALKHASH LAKE REGION—ROCKS, IGNEOUS
Volcanic rocks of the Dzhanet ore deposit. R. N. Mal'kova. Izv. AN Kazakh. SSR Ser. geol. no. 4:30-44 '59

BALL BEARINGS
Eliminating the fitting of ball-bearing tracks. I. V. Kashin, V. M. Ivanov. Av. prom. 26 no. 8:60-62 '57.
Investigating ball bearings used in gyroscopic devices I. M. Stvokonenko, K. N. IAvienskii Vop prikl gir. no 2:16-24 '60
Voinov, S. G., and A. G. Shalimov. [Steel for ball bearings] Sharikopodshipnikovaia stal'. Moskva, Metallurgizdat, 1962. 480 p.

BALL BEARINGS—TESTING
Effect of magnetic fields on the antitorque moment in instrument ball bearings. IA. M. Vinets and others. Av. prom. 26 no. 8:27-29 '57.

BALLAST (RAILROADS)
Need for an improvement of the ballast layer section. S. N. Popov. Put' i put. khoz. 6 no. 5:20-31 '62

BALLET
(see also subdivision under Leningrad, Lvov; Minsk; Moscow; Novosibirsk)
An old Pushkin ballet. IU. Slonimskii. Neva, no. 2 203-209 '62.

BALLET—STUDY AND TEACHING
Russia (1917- R.S.F.S.R.) Glavnoe upravlenie uchebnykh zavedenii i kadrov. [The classical dance; blended movements] Klassicheskii tanets; slitnye dvizhenila. Metodicheskoe posobie dlia prepodavatelei khoreograficheskikh uchilishch. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 54 p.

BALLISTIC MISSILES
The rocket started in time N Vasil'ev. Sov. voin 44 no 8:6-7 Ap '62.

BALLISTOCARDIOGRAPHY
Diagnostic significance of ballistocardiographic changes in disorder of the heart rhythm and conductivity in mitral stenosis and arteriosclerotic cardiosclerosis [with summary in English]. IU. D. Safonov. Kardiologiia 2 no. 2:30-44 Mi-Ap '62.

BALPASH-SOR, LAKE—BATHS, MOOR AND MUD
Antibacterial characteristics of the extracts from medicinal mud of Lake Balpash-Sor. L. F. Frolova. Trudy Inst. mikrobiol. i virus. AN Kazakh. SSR 5:44-50 '61.
Regeneration of medicinal mud from Lake Balpash-Sor. A. N. Iliaietdinov and others. Trudy Inst. mikrobiol. i virus. AN Kazakh. SSR 5:81-89 '61.
Variability of some micro-organisms under the influence of the mud from Lake Balpash-Sor. Report No. 1: Variability in the case of immediate introduction of micro-organisms in mud substratum. E. L. Svechnikova, M. Kh. Shigaeva. Trudy Inst. mikrobiol. i virus. AN Kazakh. SSR 5:90-97 '61.
Variability of some micro-organisms under the influence of the mud from Lake Balpash-Sor. Report No 2: Variability of micro-organisms by introducing them in mud substratum in cellophane bags. E. L. Svechnikova, M. Kh. Shigaeva. Trudy Inst mikrobiol. i virus. AN Kazakh. SSR 5:98-103 '61.

BALTIC SEA REGION—GEOLOGY
Geology of the crystalline basement of the northern part of the Soviet Baltic Sea region based on the data of aeromagnetic survey. N. N. Fursov. Sov. geol 5 no 4:110-114 Ap '62.

BALTIC SEA REGION—MAGNETISM, TERRESTRIAL
Geology of the crystalline basement of the northern part of the Soviet Baltic Sea region based on the data of aeromagnetic survey. N N. Fursov Sov. geol. 5 no. 4:110-114 Ap '62.

BANACH SPACES
Conjugate spaces of S. L. Sobolev's W_p^l spaces. M. Z. Solomiak. Dokl. AN SSSR 143 no. 6:1289-1292 Ap '62.

BAND SAWS
Stress concentration in the blades of band saws caused by the teeth cut E. D Dobrynin. Der prom 11 no. 4 10-11 Ap '62.

BAND THEORY OF SOLIDS see Energy-band theory of solids

BANDAGES AND BANDAGING
A convenient bandage. O. I. Kochnova. Zdorov'e 8 no. 3:31 Mr '62.

BANDARYNA, ZINAIDA, 1909-1959
A restless poet Mikola Khvedarovich. Rab. i sial. 38 no. 4:22 Ap '62.

BANKING LAW
We should make easier the disposal of deposits belonging to persons who died intestate. D. Kyseliuk Rad. pravo no. 2 108 Mr-Ap '62.

BANKS AND BANKING
Aid technological progress in the construction industry in every way possible. Den i kred 20 no. 4:84-90 Ap '62.
Analytical work of the State Bank branches. S. Baturin, L. Efimov. Den. i kred. 20 no. 4:39-48 Ap '62.
Conferences and seminars. Den. i kred. 20 no. 4:92-95 Ap '62.
Control in supplying credit for the building of motion-picture theaters. S. Chernikov Den. i kred. 20 no. 4, 49-55 Ap '62.
Economic work performed on a volunteer basis. P. Khor'kov, G. Tatarnikov. Den. i kred. 20 no 4:61-68 Ap '62.
For the further strengthening of the collective farm economy F. Titrin, R. Ratusheva. Den. i kred. 20 no 4: 75-79 Ap '62.
Give more attention to the problems of capital repairs. P. Borzhkov, N. Skalozubova, A. Savanin. Den. i kred 20 no. 4:80-83 Ap '62.
In the Board of Directors of the State Bank of the U. S. S. R. Den. i kred. 20 no 4:91-92 Ap '62.
Planning production and the role of State Bank branches. S. Verbitskii. Den. i kred. 20 no 4:13-20 Ap '62.
State Bank tasks in developing agriculture. V. Ushakov. Den. i kred. 20 no. 4:3-12 Ap '62.
State Bank's business and people. A. Kolesnichenko, M. Avdeev. Den. i kred. 20 no. 4:56-60 Ap '62.
Utilize potentials for increasing accumulations more fully. M. Pessel'. Den i kred. 20 no. 4:21-28 Ap '62.

BAPTISTS
(see also subdivision under Dneprodzerzhinsk, Krivoy Rog; Zmiyev District)
"Equality" as practiced by Baptists. Voiov. ateist. no. 5: 28-30 My '62.

BAPTISTS—PERIODICALS
Reading the Baptist journal. E. Bakst. Novyi mir 38 no. 1:274-276 Ja '62

BARABINSKAYA STEPPE—GRASSES
Perennial grasses on drained bogs in the first years of the reclamation. V. N. Guseva. Trudy TSSBS no. 4 73-86 '60.

BARAKAEVA, SHARAFAT
Sharafat Barakaeva. V. Popkov. Nar. khoz. Uzb. 4 no. 3:26-28 Mr '62.

BARANOVICHI—CLOTHING INDUSTRY—ACCOUNTING
Standard method of accounting for expenditures in clothing production. V. Pototskii Bukhg uchet 18 no. 4:16-19 Ap '62.

BARBERI, MICHEL ANGELO
Tables with Michel Angelo Barberi's mosaics [with summary in French]. E. M. Efimova. Trudy Gos Erm. 6 no. 2:309-382 '61.

BARIUM—ANALYSIS
Concerning E. K. Dzhaparidze's article, "Determining small quantities of barium in natural waters and in waters polluted by industrial wastes." V. F. Kateiiadze. Gig i san. 26 no. 5:92 My '61.
Vanadatometric determination of barium ions. S. M. Efros, E. S. Boichinova, V. F. Chuprik. Trudy LTI no. 48:165-168 '58.

BARIUM OXIDE
New data on the phase diagram of the system barium oxide - silica. R. G. Grebenshchikov, N. A. Toropov. Izv. AN SSSR. Otd. khim. nauk no. 4:545-553 Ap '62.

BARIUM TITANATE CRYSTALS
Effect of annealing on repolarization of barium titanate monocrystals. A. IU. Kudzin, V. Shapovalov. Fiz. tver. tela 4 no 3:650-652 '62

BARK BEETLES
(see also subdivision under Moscow region)
Effect of the method of felling on the mass propagation of bark beetles in the spruce forests of the Carpathians. D. F. Rudniev, V. I. Hrimal's'kyi, H. I. Vasechko. Vinsyk sil'hosp nauky 5 no. 3:50-57 Mr '62.
Large bark beetle Ips subelongatus Motsch. [with summary in English]. V. P. Grechkin. Zool. zhur. 41 no. 4: 552-559 Ap '62.
Theoretical concept of the self-destroying of bark beetles [with summaries in English, German, and French]. L. V. Pan'shin Vest. sel'khoz nauki 7 no 3,133-134 Mr '62

BARLEY
Calculation of the optimum number of grinding and polishing machines for the production of pearl barley. B Goikhenberg, D. Parygin. Muk.-elev. prom. 28 no 3: 14-15 Mi '62.

BARLEY—DISEASES AND PESTS
Heating seed in the sun for the control of loose smut of barley. A P Tyshchenko. Mikrobiol. zhur. 23 no. 4: 23 '62.

BARLEY—FROST RESISTANCE see subdivision under Krasnodar Territory

BARNAUL—SPINNING MACHINERY
Device for unbending vinyl plastic worms. IU. M. Zhit'ko. Khim. volok no 2,63 '62.

BARNS—HEATING AND VENTILATION see subdivision under Krasnoyarsk Territory

BAROMETER
Concerning the manufacture of mercury barometers in an electric power plant L. IA. Eigel'. Energetik 10 no 4 33 Ap '62
MB-1 microbarometer for pressure surveys in mines. F. A. Abramov, V. E. Streimann, V. N. Makushin Gor zhur. no. 4:74 Ap '62.

BAROMETRIC HYPSOMETRY
Barometric leveling in regional gravity surveys. G. S. Butakov. Trudy SNIIGGIMS no. 1:148-151 '59
Use of the MI-1 helicopter in making a gravity survey in combination with barometric leveling. B. P. Borodin, R. G. Kurinin, N. S. Fridiland. Geofiz. razved. no. 6 52-58 '61.

BARRELS
Improving the technology of the thermal processing of barrel frames. A. V. Chugreev Der prom 11 no 4 22 Ap '62

BARTSIUS, WILLEM, 1612-1639
Paintings recently attributed to Willem Bartsius I. Linnik. Soob. Gos. Erm. no. 21:23-25 '61

BARUZDIN, SERGEI
"New Dvoriki" by Sergei Baruzdin. Reviewed by Vl. Ditts. Neva no. 3:196-197 '62.
"New yards" by Sergei Baruzdin. Reviewed by L. Lavlinskii. Oktiabr' 39 no. 3:215 Mi '62.

BASALT see subdivision under Armenia; Okhotsk Sea region; Transcarpathia

BASE-EXCHANGE see Ion exchange

BASHKIRIA—GAS, NATURAL—STORAGE
Possibility of the creation of underground reservoirs for petroleum, petroleum products, and liquefied gases in Bashkirian salt deposits N V. Seleznev Sov. geol. 5 no. 4:103-105 Ap '62.

BASHKIRIA—HIGHWAY TRANSPORT WORKERS
From all to each and from each to all. D. Egorov. Avt. transp. 40 no. 4:7-9 Ap '62.

BASHKIRIA—LABOR AND LABORING CLASSES
"Flower of our homeland." Reviewed by IA. Petrenko. Sov. pech. no. 3:54-55 Mr '62.

BASHKIRIA—LUMBERING
Diminish the number of loggers. N. Gareev. Les. khoz. 15 no. 4:89 Ap '62

BASHKIRIA—NEWSPAPERS
Great topics and great craftsmanship. Sov. pech. no. 2: 33-34 F '62.

BASHKIRIA—PETROLEUM—STORAGE
Possibility of the creation of underground reservoirs for petroleum, petroleum products, and liquefied gases in Bashkirian salt deposits N. V. Seleznev. Sov geol 5 no 4:103-105 Ap '62.

BASHKIRIA—PETROLEUM GEOLOGY
Geology of the terrigenous Devonian formation of the Belebey-Akankovo section of Bashkiria M. Kh. Musin, V. S. Kliucharev, IU. K. IUferov. Izv vys. ucheb zav., geol i razv. 5 no. 3:32-43 Mr '62.

BASILIUS, Saint, the Great, Archbishop of Caesarea, 330(ca)-379
The universal Teachers. Priest-Monk Ioann (Kotliarevskii). Zhur. Mosk. Patr. no. 2:53-60 F '62.

BASKETBALL
Gomel'skii, A. IA. [Through various countries with basketball] S miachom po stranam. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1960. 223 p.

BASTNAESITE see subdivision under Vishnevyye Mountains

BASUTOLAND—POLITICS AND GOVERNMENT
The Basuto people step up their struggle. A. Makrushin. Az. i Afr. seg. no. 4:56 Ap '62.

BATHS, MOOR AND MUD
(see also subdivision under Balpash-Sor, Lake, Tinaki)

Mud therapy. Kh.M.Freidin, M.N.Syroechkovskaia. Zdorov'e 6 no.3,26-27 Mr '62.

Petelin, L. S. [Fangotherapy of epidemic poliomyelitis] Griazelechenie epidemicheskogo poliomielita. S predisl. N. S. Chetverikova. Moskva, Medgiz, 1962. 125 p. (Biblioteka prakticheskogo vracha) (DNLM)

BATHS, PUBLIC—HYGIENIC ASPECTS
Sandals in public baths. IU.L.Mukoseev, V.IA.Arutiunov. Zdorov'e 8 no.3:19 Mr '62.

BATIUSHKOV, KONSTANTIN NIKOLAEVICH, 1787-1855
Pushkin's teacher. T. Riznychenko. Ukraina no 10:27 My '62.

BATS see subdivision under Fergana

BATTERIES, SOLAR see Solar batteries

BAUXITE
(see also subdivision under Hungary; Kuznetsk Ala-Tau, Ural Mountains)
Automatic control of the process of continuous leaching of bauxite. V.I.Gusarov, A.M.Samoilin, A.A.Burgardt. TSvet.met. 35 no.4:49-56 Ap '62.

BAYANGOL—GOITER
Endemic goiter in the village of Bayangol in the Zakamensk District of the Buryat A.S.S.R. Sov.med 25 no.1:139-140 Ja '62.

BAZHENOVA, ZINAIDA VASIL'EVNA, 1905-
Rostovtseva, G.A. Zinaida Vasil'evna Bazhenova. [Moskva] Sovetskii khudozhnik, 1961. 60 p. plates. (MIH)

BEACONS
Change the order of placing the beacons. IU.Treushnikov, G.Kirillov. Rech.transp. 21 no.3:44-45 Mr '62.

BEAMS AND GIRDERS
Calculating the strength of prestressed steel girders of minimum cost by using mirror functions. B.IA.Volodarskii. Trudy NII prom.zdan.i soor no.5:152-165 '61
Determination of stress and shift in a curved beam in a nonlinear temperature field. V.F.Derkach. Izv.vys.ucheb.zav.; stroi.i arkhit. 5 no.1:14-19 '62.
Determination of the deformation of a beam with gradually changing rigidity. B.A.Odintsov. Stroi.mekh.i raschsoor 3 no.6:32-35 '61
Dynamic characteristics of prestressed reinforced concrete girders. A.D.Lizarev. Trudy NII prom.zdan.i soor. no.5:166-175 '61
Engineering characteristics of reinforced concrete girders with multiple-series welded reinforcements for roofs of industrial buildings. S.S.Krupennikov, M.I.Bychkov, A.D.Lizarev. Trudy NII prom.zdan.i soor no.5:5-12 '61
Kocherzhevskii, P.V. [Determination of the flexure and angle of shift of a beam axis] Opredelenie progiba i ugla *povorota osi balki*. Kyiv, Gos.izd-vo lit-ry po stroit.i arkhit. USSR, 1961. 73 p. (Bibliotechka inzhenera-konstruktora)
Local stability of angular sections of aluminum alloys. V.S.Moskvitin. Rasch.prostr.konstr no.7:233-250 '62.
Lowering metal consumption and increasing stability of semibeams. M.V.Lepekhin. Izv.vys.ucheb.zav.; stroi.i arkhit. 5 no.1:63-72 '62.
Method of approximation for determining critical loads
*. Izv.vys.ucheb.

forced
Kon,
1 '62.

V. Lebe-

in English,
sel'khoz.

N.I.Che-
sel'khoz.

S.Kryshta-

and beans,
2 no.4:

s. M.S.

onditions
ench].
oz.nauki

BEANS—FERTILIZERS AND MANURES
(see also subdivision under Kiev Province)
Accumulation of potassium in bean plants [with summaries in English, German, and French]. E.I.Panteleeva. Vest.sel'khoz nauki 7 no.2:46-48 F '62
Effect of fixed nitrogen compounds on the nitrogen-fixing activity of nodule bacteria [with summaries in English, German, and French]. I.V.Kozlov. Vest.sel'khoz. nauki 7 no.2:49-54 F '62

BEARING INDUSTRY
Voloshchenko, IU.I., and A.D.Anbinder. [Manufacture of bimetallic bushings] Izgotovlenie bimetallicheskikh vtulok. Pod red. A.V.Kovalenko. Moskva, Mashgiz, 1961. 35 p. (Biblioteka mashinostroitelia. Seriia: "Za ekonomiiu metallov i elektroenergii")

BEARING METALS—TESTING
Experimental investigation of antifriction properties of materials based on carbon and graphite working under nonlubricated friction conditions. S.F.Fonarev, A.A.Kulibakh, V.A.Dzhonson. Metod.issl.det.i mat.mash.i prib, no.1,29-34 '61.
Investigating changes in structure and characteristics of the surface layers of bearing metals caused by friction. A.D.Kuritsyna. Tren.i izn.mash. no.15:198-210 '62.
Using the method of radioactive tracers for evaluating the power of bearing materials to absorb abrasive particles occurring in lubricants. V.E.Vainshtein, A.M.Prondzinskii. Tren.i izn.mash no.15:47-58 '62.

BEARINGS (MACHINERY)
Determining the friction moment and load-carrying capacity of plain bearings. N.B.Kadirov. Izv.AN Azerb.SSR.Ser.fiz.-mat.i tekh.nauk no.1:123-130 '62.
Effect of stress relaxation and temperature on the operation of capron bearing bushes. V.G.Andrievskii. Plast.massy no.5:64-65 '62
High-speed miniature sliding bearings with a flexible block. S.N.Sidorov. *Vest.mash.* 42 *no.4:27-29 Ap* '62.
Relieving of tightness and the wedging of a bimetallic bearing bushing caused by heating and cooling. L.IU.Pruzhanskii. Tren.i izn.mash. no.15,392-419 '62.
Side drift of gyroscopes caused by the friction of cardan ball bearings and the reduction of this drift by the use of rotating bearings. E.M.Rodionov. Trudy MATI no.52 33-44 '61
What causes the weakening of aluminum alloy bearings. N.K.Babaev. Vest.TSNII MPS 21 *no.2:56-61* '62

BEARINGS (MACHINERY)—BIBLIOGRAPHY see Bibliography—Bearings (Machinery)

BEARINGS (MACHINERY)—LUBRICATION
Theory of the film lubrication of porous bearings. M.V.Korovchinskii. Tren.i izn.mash no.16:151-218 '62.

BEARINGS (MACHINERY)—STANDARDS
Standardization of thrust bearings for turbines and compressors. A.M.Bubentsov, P.N.Polukanin. Standartizatsiia 26 no.4:13-16 Ap '62.

BEARINGS (MACHINERY)—TESTING
Effect of the material for cushions of thrust sliding bearings on their load carrying capacity. A.M.Bubentsov, P.N.Polukanin. Vest.mash. 42 no.4:23-27 Ap '62.

BEAUTY, PERSONAL
Advice in various problems. Rab.i sial. 38 no.1:23-24 Ja '62.
Human beauty. S.Kharlamova. Zdorov'e 8 no.4:3-4 Ap '62.

BEAUTY CULTURE
Tomaskova, Jana. [Health and beauty care. Translated from the Czech] Zabota o zdorov'e i krasote. Prague, Izd-vo "Pratse," 1961. 118 p.

BEAUTY SHOPS see subdivision under Virgin Territory

BECHER, JOHANNES ROBERT, 1891-1959
"Man of our times" [in German] by Johannes R.Becher. Reviewed by P.Birkan. Vop.lit. 6 no.4:230-231 Ap '62.

BEDBUGS
Thief in the night. N.Korostelev. Zdorov'e 8 no.2:28-29 F '62.

BEE VENOM—TOXICOLOGY
Bee venom poisoning caused by multiple stings. S.Z.Andreev. Sov.med. 25 no.1:121-133 Ja '62.

BEEF, CANNED
New sterilization methods in the manufactuer of "Stewed beef." A.I.Nazarova. Kons.i ov prom. 17 no.4:9-13 Ap '62.

BEES
(see also subdivision under Kazakhstan)
Origin and development of pollen-collecting apparatus in bees (Hymenoptera, Apoidea) [with summary in English]. E.K.Grinfel'd. Ent.obozr. 41 no.1:65-75 '62.

BEETLES
Color sense in Goliath beetles (Coleoptera, Cetoniini). G.A.Mazokhin-Porshniakov. Dokl.AN SSSR 143 no.5:1208-1210 *Ap* '62.

BEETS, SUGAR see Sugar beets

BEKARIUKOV, DMITRII DMITRIEVICH, 1859-1934
D.D.Bekariukov on problems of the physician in the school. *A.S.Troitskaia* Gig.i san. 26 no.5:41-46 My '61
Dmitrii Dmitrievich Bekariukov. I.A.Zinov'ev. Med.sestra 21 no.4:54-56 Ap '62

BEL'CHIKOV, NIKOLAI FEDOROVICH, 1890-
Nikolai Fedorovich Bel'chikov; on his 70th birthday. Z.S.Shepeleva. Izv.AN SSSR. Otd.lit.i iaz. 20 no.4:362-363 Jl-Ag '61.

BELETSKII, ALEKSANDR IVANOVICH, 1884-1961
A great Soviet scholar. N.Gudzii. Vop.lit. 5 no.12:187-192 D '61

BELGIUM—PRESS
Volkov, A.I. [Belgian press] Pechat' Bel'gii; lektsiia dlia studentov-zaochnikov fakul'teta zhurnalistiki MGU. [Moskva] Izd-vo Mosk.univ., 1961. 37 p.

BELGIUM—ZINC—METALLURGY
Zinc distillation in a new type of horizontal *retort* furnaces [from "Engineering and Mining Journal," no.6, 1961]. A.S.Penko. TSvet.met. 35 no.4:86-87 Ap '62.

BELGOROD—COMMUNITY LIFE
A problem which I should like to discuss. I.Korneichuk. Sov.deput.trud. no.4:84-87 Ap '62.

BELINSKII, VISSARION GRIGOR'EVICH, 1811-1848
Sharypov, N.A. [V.G.Belinskii's atheism] Ateizm V.G. Belinskogo, Moskva, Gos.izd-vo "Vysshaia shkola," 1961. 83 p.

BELOGLAZOVA, RAISA
"All together" by Raisa Beloglazova. Reviewed by I.Litvinov. Sots.obesp. 23 no.5:10-11 My '62.

BELOYARSK—ATOMIC POWER PLANTS
Experience in the erection of reinforced concrete walls in the construction of the Beloyarsk atomic electric power plant. A.N.Prokhorov. *Energ.stroi. no.* 25 39-41 '61.

BELOZERSK (WHITE RUSSIA)—VIEWS
Belozersk. Rab.i sial. 38 *no.*4:12-13 Ap '62.

BELTS AND BELTING
Experience in the use of reinforced conveyer belts. B.V.Fadeev, A.M.Shibakina. Kauch.i rez. 21 no.9:54-55 Mr '62.
Transportation belts for rope-belt conveyers. A.M.Shibakina, R.I.Ol'kha. Kauch.i rez. 21 no.4:43-44 Ap '62.

BELZ (LVOV PROVINCE)—FIRE DEPARTMENTS
Excellent town fire department. I.Abyzov. Pozh.delo 8 no.4:26-27 Ap '62.

BENTHOS
(see also subdivision under Aegean Sea; Azov Sea region)
Feeding haddock on benthos [with summary in English]. R.IA.TSeeb. Zool.zhur. 41 no.1:110-115 Ja '62.
Studying radioactivity of benthal fauna in fresh water. I.P.Lubianov. Radiobiologiia 2 no.2:255-258 '62.

BENZANTHRACENE
Effect of castration and sinestrol on inducting cancer of the uterus in rats with 9,10-dimethyl-1,2-benzanthracene [with summary in English]. L.I.Charkviani. Vopr.onk. 8 no.3:82-86 '62.

BENZANTHRACENONE
Redox characteristics and dyeing properties of vat dyes, derivatives of benzanthrone. V.G.Abozin, M.G.Romanova. Zhur.prikl.khim. 35 no.4:843-849 Ap '62.

BENZENE
Alkylation of aromatic compounds by alcohols. Part 17. Reactions of propyl and butyl alcohols with benzene. I.P.TSukervanik, G.Kh.Khakimov. Zhur.ob.khim. 32 no.4:1296-1301 Ap '62.
Interaction of silicon hydrides with chlorobenzene in the gaseous phase as affected by the material of the reactor. E.A.Chernyshev, M.E.Dolgaia, Li Guan-lian. Zhur.prikl.khim 35 no.4:860-863 Ap '62.
Mechanism of the destructive hydrogenation of benzene studied by means of tagged atoms. I.V.Kulechits, V.G.Lipovich, V.V.Vykhovanets. Trudy Vost.-Sib.fil. AN SSSR no.38:5-14 '61.
Production of terophthalic acid from commercial diethylbenzene. A.E.Kretov and others. Zhur.prikl.khim. 35 no.4:863-866 Ap '62.
Reaction of recoil atoms of tritium with benzene. An.N. Nesmeianov and others. Radiokhimiia 4 no.1:118-122 '62.
Reactions of chlorostyrene with benzene. Kh.IU.IUldashev, I.P.TSukervanik. Zhur.ob.khim 32 no.4:1293-1296 Ap '62.
Reactivity of the vinyl group in substituted silanes in the reaction of addition to benzene under the effect of aluminum chloride. K.A.Andrianov, A.A.Zhdanov, V.A. *Odinets*. Zhur.ob.khim. 32 no.4:1126-1130 Ap '62.

BENZENE (Continued)

Recovery of chlorobenzene from waste waters V. M. Klimov and others Khim. prom. no. 3 216-217 Mr '62.

Synthesis and some physical properties of poly-p-diethynylbenzene [with summary in English] I. L. Kotliarevskii and others. Vysokom. soed. 4 no. 2, 174-181 F '62.

Synthesis of pseudocumene and prehnitene from acetylene derivatives. A. S. Zanina, I. L. Kotliarevskii. Trudy Vost.-Sib. fil. AN SSSR no. 38 142-148 '61.

Viscosity of aromatic hydrocarbons and halogen derivatives of benzene. Kh. M. Khalilov Izv. AN Azerb. SSR, Ser. fiz.-mat. i tekh. nauk no. 6:37-43 '61

BENZENE—MOLECULAR ROTATION

Studying the rotational mobility of molecules of p-, o-dichlorobenzene and their solutions A. K. Atukhodzhaev. Izv. AN Uz. SSR, fiz.-mat. nauk 5 no. 1, 86-88 '62.

BENZENE—TOXICOLOGY

Effect of chlorpromazine (aminazine) in experimental nitrobenzene poisoning. Sulamit Pallade and others Farm. i toks. 25 no. 1 103-108 Ja-F '62.

State of the sex organs in women working in contact with benzene N. P. Mikhailova. Shor. nauch. rab. Kaf. akush. i gin. GMI no. 1, 235-238 '60.

BENZENEDIBORONIC ACID

Polyaminopolyanhydrides of 1,4-benzenediboronic acid [with summary in English]. V. V. Korshak, Ma Zhui-zhan', V. A. Zamiatina. Vysokom. soed. 4 no. 2, 192-195 F '62.

Polyesters and polymeric salts of boronic and 1,4-benzenediboronic acids [with summary in English]. V. V. Korshak and others. Vysokom. soed. 4 no. 2, 180-191 F '62.

BENZENESULFINIC ACID

Amino sulfides and amino sulfones Part 25 Addition of p-acetoaminophenylsulfinic acid to certain aldehydes. L. Kh. Fel'dman, L. F. Mikheeva. Zhur. ob. khim. 32 no. 4, 1046-1050 Ap '62.

BENZENESULFONIC ACID

Derivatives of benzene Part 1. Oxidative-hydrolytic conversion of nitrobenzenemonosulfonic acids. V. V. Kozlov, S. F. Suvorova. Zhur. ob. khim. 32 no. 4, 1235-1241 Ap '62.

BENZENESULFONYL CHLORIDE

Amino sulfides and amino sulfones. Part 24: Reaction of nitrobenzene sulfochlorides with amino acids L. Kh. Fel'dman. Zhur. ob. khim. 32 no. 4 1039-1042 Ap '62

BENZINDOLINONE

Derivatives of benz-(c, d)-indoline. Part 6 Synthesis and reactions of 1-aminobenz-(c, d)-indolin-2-one N. S. Dokunikhin, G. I. Bystritskii Zhur. ob. khim. 32 no. 4, 1332-1334 Ap '62.

BENZOCAINE

Use of the ethyl ester of meta-aminobenzoic acid (MS-222) for general anesthesia of cold-blooded animals [with summary in English]. Vl. Puchta, I. J. Blažek. Biul. eksp. biol. i med. 3[i. e. 53] no. 3 112-116 Mr '62

BENZOIC ACID

Content of para-aminobenzoic acid in the cerebrospinal fluid of children with tuberculous meningitis [with summary in French]. I. M. Mamchich. Probl. tub. no. 3, 49-53 '62.

2, 3, 5, 6-Tetrachlorobenzoic acid and its derivatives. S. I. Burmistrov, L. G. Zagorskaia. Zhur. ob. khim. 32 no. 4, 1280-1282 Ap '62.

BENZOPHENONE—TOXICOLOGY

Comparative toxicity of some stabilizers used for increasing heat and light resistance of polymer materials [with summary in English]. A. IA. Broitman. Gig. truda i prof. zab. 6 no. 3, 20-26 Mr '62.

BENZOPYRENE

Amount of 3, 4-benzopyrene in dust deposits and snow samples in Kiev. V. I. Gorodyskii, I. V. Veselaia. Gig. i san. 26 no. 8, 99-100 Ag '61.

Aspiration method of taking air pollution samples for determining the concentration of 3, 4-benzopyrene. S. N. Kimina, V. M. Poliakov. Gig. i san. 26 no. 8, 49-53 Ag '61.

BENZOQUINOLINE

Synthesis of 2, 4-dimethylbenzoquinolines. L. P. Zalukaev, I. N. Ozerianaia, M. E. Tomilova. Izv. vys. ucheb. zav., khim. i khim. tekh. 5 no. 1, 174-175 '62.

BENZOQUINONE

Coulometric titration of p-quinone dioxime with electrogenerated trivalent titanium [with summary in English]. S. I. Dobychin, A. P. Zozulia. Zhur. anal. khim. 17 no. 2, 148-154 Mr-Ap '62.

Derivatives of di(α-aminoacylamido)-1, 4-benzoquinones. Part 1: Reaction of 2, 5-dichloroacetamino-3, 6-dichloro-1, 4-benzoquinone with ammonia and ethylenimine. A. N. Makarova, Z. M. Egorova, A. IA. Berlin. Zhur. ob. khim. 32 no. 4, 1286-1289 Ap '62.

BENZOTHIAZOLE—SPECTRA

Use of ultraviolet spectroscopy in the analysis of new kinds of captax put on the market. IA. A. Gurvich, V. P. Kostikova. Zhur. VKHO 7 no. 2, 231-232 '62.

BENZOTHIOPHENE

Oxidation of 3-thioacetylaminothionaphthene by potassium ferricyanide Z. I. Miroshnichenko, M. A. Al'perovich Zhur. ob. khim. 32 no. 4 1245-1248 Ap '62

BENZOYL PEROXIDE

Determination of benzoyl peroxide in carbon tetrachloride in the presence of free chlorine V. E. Shurygin Zav. lab. 28 no. 3 289 '62

Reaction of benzoyl peroxide with triethylalkoxytin compounds. N. S. Vinzankin and others Dokl. AN SSSR 113 no. 6, 1316-1320 Ap '62.

BEQUESTS see Inheritance and succession

BERENIL

Berenil in piroplasmosis and francaisellosis of cattle. N. N. Evplov, N. N. Tiga, V. I. Mironenko. Veterinariia 37 no. 8, 24 Ag '60.

Comparative therapeutic and prophylactic effectiveness of berenil in hemosporidia infections in cattle. F. M. Morutian. Veterinariia 37 no. 8 22-23 Ag '60.

Use of berenil in Hemosporidia infections of cattle. P. A. Lavrent'ev. Veterinariia 37 no. 8, 21-22 Ag '60.

BEREZA—ELECTRIC POWER PLANTS

You can see the lights of Bereza K. Tandzitnikau Belarus' 19 no. 4, 1-2 Ap '62

BEREZOVO REGION (IRTYSH VALLEY)—ORE DEPOSITS

Structural characteristics of the Berezovo deposit in the Altai. S. A. Dolgikh. Izv. AN Kazakh. SSR Ser. geol. no. 4 19-29 '59.

BEREZOVO REGION (TYUMEN' PROVINCE)—GAS, NATURAL—GEOLOGY

Age of the Vogulkinskaya producing formation of the Berezovo gas field. P. F. Li, V. I. Romanova. Trudy SNIIGGIMS no. 1, 171-172 '59.

Second gas-bearing horizon in Berezovo. G. S. Belkina Trudy SNIIGGIMS no. 1, 173-174 '59.

BERGGOL'TS, OL'GA FEDOROVNA, 1910-

"Verse and the heart" by A. Pavlovskii. Reviewed by Vladislav Shoshin. Oktiabr' 38 no. 4, 221-222 Ap '62.

BERLIN—INTERNATIONAL STATUS

The fate of West Berlin. V. Shumskii. Agitator no. 10: 21-22 My '62.

BERLIN, WEST—ECONOMIC CONDITIONS

Economy of West Berlin. A. Stulov. Otv. na vop. trud. no. 12, 30-45 D '61.

BERRIES

Anzin, B. N. [Pruning fruit trees and berry bearing shrubs (for the central belt of the U. S. S. R.)] Obrezka plodovykh derev'ev i iagodnykh kustarnikov (dlia srednei polosy SSSR) Izd. 3., dop. i perer. [Moskva] Mosk. rabochii, 1962. 190 p. (DA)

BERYL

Rubidium content in beryls. A. A. Sitnin, L. I. Sazhina. Trudy Inst. min., geokhim. i kristalokhim. red. elem. no. 2, 84-86 '59

BERYLLIUM

Basic characteristics of the geochemistry of beryllium in the hydrothermal-pneumatolytic process. A. A. Beus. Trudy Inst. min., geokhim. i kristalokhim. red. elem. no. 2, 7-18 '59.

Ratio of tantalum and beryllium in some pegmatite bodies. S. S. Shcherbin Geol. rud. mestorozh. no. 2, 90-101 Mr-Ap '62

BERYLLIUM—METALLURGY

Reduction of beryllium oxide by carbon and heat in the presence of copper F. Sh. Muratov, A. V. Novoselova, Chzhou-Sin [Chou Hsing]. Izv. vys. ucheb. zav.; tsvet. met. 3 no. 2, 113-119 '60.

BERYLLIUM—TOXICOLOGY

Case of berylliosis of the lungs. A. I. Kanevskaia. Arkh. pat. no. 4, 73-77 '62.

BERYLLIUM BRONZE

Use of low-frequency vibrations during the continuous casting of beryllium bronze. G. I. Pogodin-Alekseev, V. M. Gavrilov, F. V. Korolev. TSvet. met. 35 no. 4, 69-73 Ap '62.

BERYLLIUM SULFATE

Simultaneous solubility of lithium and beryllium sulfates in sulfuric acid. A. Avirmed, L. P. Reshetnikova, A. V. Novoselova. Vest. Mosk. un. Ser. 2: Khim. 17 no. 2, 47-49 Mr-Ap '62.

BESNIER-BOECK DISEASE see Granuloma benignum

BESSEL'S FUNCTIONS

Decomposition of a derivative function into an integral over the squares of Macdonald functions with an imaginary subscript. N. N. Lebedev. Stb. mat. zhur. 3 no. 2, 213-222 Mr-Ap '62.

BESSEMER PROCESS

Over-all mechanization and automation of converter processes. Mekh. i avtom. proizv. 16 no. 3, 49-52 Mr '62.

Properties of steel made in converters with use of oxygen S. D. Brik Biul. TSIICHM no. 9 26-36 '60

BETA-RAY SPECTROMETER

Conservation of the magnetic field topography in a beta-ray spectrometer O. D. Kovrigin, N. V. Kolesnikov, G. D. Latyshev Trudy Inst. fiz. AN Kazakh. SSR 5 107-110 '62

Determination of the relative intensities of conversion lines based on the blackening density A. Abdumalikov and others Izv. AN Uz. SSR, Ser. fiz.-mat. nauk 6 no. 1, 37-43 '62

BETA RAYS—PHYSIOLOGICAL EFFECT

Blastomogenic action of beta rays on the skin V. S. Turusov Vop. onk. 8 no. 4 107-114 '62

BIBLIOGRAPHY

Akademiia nauk SSSR. Mezhduvedomstvennyi komitet po provedeniiu Mezhdunarodnogo geofizicheskogo goda [Bibliography of literature in the Russian language for 1960] Bibliograficheskii ukazatel' literatury na russkom iazyke za 1960 g. Moskva, Izd-vo Akad. nauk SSSR, 1961. 127 p.

[Annual of Soviet books; Classed index] Ezhegod. knigi SSSR; ist. ukaz. vol. 1 '60, publ. 1962.

[Book chronicle] Knizh. let. nos. 15-16, 18-19 '62.

Dopolnitel'nyi vypusk no. 3 '62.

Books written by journalists Sov. pech. no. 4 48-49 Ap '62

Bookshelf. Kul't. i zhizn' 6 no. 2, 18 '62.

Brief news. Sov. bibl. no. 1, 96-100 '62.

[Information index of bibliographical lists and card files] Inform. ukaz. bibl. spis. i kart. nos. 5-7 '62.

New books. Bibliotekar' no. 4, 63-64 Ap '62.

New books. Komm. Mold. 7 no. 1-2 of cover-3 of cover Ap '62.

New books Kommunist 39 no. 8, 127 My '62.

[New books] Nov. knigi nos. 16-21 Ap-My '62.

New books. Novyi mir 38 no. 1, 286-288 Ja '62

[New literature on science and research abroad] Nov. lit. o nauke i nauch.-issl. rab. za rub. no. 1 '62.

[New Soviet literature on science and general research in the U. S. S. R.] Nov. sov. lit. o nauke i nauch.-issl. rab. v SSSR no. 2 '62

Recommended literature. Nar. obr. no. 3, 92 Mr '62

BIBLIOGRAPHY—ACCOUNTING

New books. Bukhg. uchet 18 no. 3, 58-59 Mr '62.

New books on accounting. Bukhg. uchet 18 no. 4, 79 Ap '62

BIBLIOGRAPHY—AFRICA

New books on Africa Starsh.-serzh. no. 2, 39 F '62

[New Soviet and foreign literature on the countries of the non-Soviet East] Nov. sov. i inostr. lit. po stran. zarub. Vost. no. 1 '62.

BIBLIOGRAPHY—AGRICULTURAL MACHINERY

Dissertations Vest. sel'khoz. nauki 7 no. 2, 116 F '62.

BIBLIOGRAPHY—AGRICULTURE

[Information bulletin of new foreign books, received by the Lenin Library, Series 2: Biological, Medical, and Agricultural Sciences] Inform. biul. nov. inostr. knig, postup. v Bibl. im. V. I. Len. Ser. 2: Biol., med. i sel'khoz. nauki 5 nos. 11-12 '62.

New books. Ekon. sel'khoz. 33 no. 2, 2-3 of cover F '62.

New books. Zemledelie 24 no. 4, 47, 96 Ap '62

Works of scientific institutions. Vest. sel'khoz. nauki 7 no. 1, 67, 94, 106, 149 Ja '62.

Works of scientific institutions. Vest. sel'khoz. nauki 7 no. 2, 36, 48, 80, 88, 96 F '62.

Works of scientific institutions. Vest. sel'khoz. nauki 7 no. 3, 30, 40, 64, 76, 84, 104 Mr '62.

BIBLIOGRAPHY—ANATOMY

Bookshelf. Arkh. anat., gist. i embr. 42 no. 1, 4 of cover Ja '62.

Bookshelf. B. A. Nikitiuk. Arkh. anat., gist. i embr. 40 no. 5, 110 My '61.

BIBLIOGRAPHY—ARCHAEOLOGY

[New foreign literature on history, archaeology, and ethnography] Nov. inostr. lit. po ist., arkheol. i etn. no. 2 '62.

BIBLIOGRAPHY—ART

Publications of the staff of the State Hermitage for 1960. Soob. Gos. Erm. no. 21, 74-76 '61.

BIBLIOGRAPHY—ASIA

[New Soviet and foreign literature on the countries of the non-Soviet East] Nov. sov. i inostr. lit. po stran. zarub. Vost. no. 1 '62.

BIBLIOGRAPHY—ASTRONOMY

Fomina, E. N. [In spaces of the universe; list of popular science literature on astronomy] V prostorakh vselennoi; ukazatel' nauchno-populiarnoi literatury po astronomii. Izd. 3., dop. i perer. Moskva, Gos. biblioteka SSSR im. V. I. Lenina, 1962. 51 p. (Knigi o prirode i ee zakonakh)

BIBLIOGRAPHY—ATHEISM

New atheistic publications in fraternal republics Voiov, ateist no. 5 62-63 My '62

New literature on atheistic education. M IA Popov Prep ist, v shkole 17 no. 3 112-113 My-Je '62

[New Soviet and foreign literature on the problems of religion and atheism] Nov. sov. i inostr lit. po vop. rel. i ateiz nos. 1-2 '62

Published in 1961 Voiov, ateist no. 4:62-63 Ap '62.

BIBLIOGRAPHY—AUTOMATIC CONTROL

Articles from periodicals. Priborostroenie no 4 32, 3 of cover Ap '62

Lithuanian S.S.R. Liaudies ukio taryba. Centrine moksline-techmine bibliioteka, Vilna. [Mechanization and automation of production processes in the woodworking industries, bibliographical index] Medzio apdirbimo pramones gamybos procesu mechanizavimas ir automatizavimas, bibliografine rodykle Vilnius, 1961. 117 p.

New books. Priborostroenie no 1 32 Ap '62

BIBLIOGRAPHY—AUTOMATION

From foreign periodicals; July-August 1961 Mekh i avtom proizv 16 no. 3-59-62 Mr '62

From foreign periodicals, September 1961. Mekh. i avtom. proizv 16 no 4:63-64 Ap '62

From Soviet periodicals, February 1962 Mekh. i avtom proizv 16 no. 3 57-59 Mr '62

From Soviet periodicals, March 1962. Mekh. i avtom. proizv. 16 no 4.61-63 Ap '62

New books. Mekh i avtom. proizv 16 no. 3 55-56 Mr '62.

New books Vest mash 42 no. 4 88-89 Ap '62.

New books on mechanization and automation in the food industry Mekh i avtom proizv. 16 no 4:60 Ap '62.

Review of foreign books on automation V. V. Danilevskii. Mekh i avtom proizv. 16 no. 3 52-54 Mr '62.

BIBLIOGRAPHY—BABIUK, ANDRII DMYTROVYCH, 1896-1937

Akademiia nauk URSR, Kiev. Biblioteka, Lvov. [Myroslav Irchan; a bibliography] Myroslav Irchan; bibliografichnyi pokazhchik. Kyiv, Vyd-vo Akad nauk URSR, 1961. 149 p

BIBLIOGRAPHY—BEARINGS (MACHINERY)

Bibliography of Russian and foreign works on friction, wear and lubrication published in 1957. Tren i izn. mash. no 16 219-242 '62.

Bibliography of Russian and foreign works on friction, wear and lubrication published in 1958 Tren. i izn. mash no. 16 243-278 '62.

Bibliography of Russian and foreign works on friction, wear and lubrication published in 1959. Tren. i izn mash. no. 16 279-310 '62.

BIBLIOGRAPHY—BIOCHEMISTRY

Bookshelf TSitologiia 4 no 1:100 Ja-F '62.

BIBLIOGRAPHY—BIOLOGICAL PRODUCTS

Bookshelf. Antibiotiki 7 no.5:3-4 of cover My '62.

BIBLIOGRAPHY—BIOLOGY

[Information bulletin of new foreign books, received by the Lenin Library, Series 2: Biological, Medical, and Agricultural Sciences] Inform. biul. nov. inostr. knig, postup. v Bibl. im. V. I. Len. Ser. 2 Biol., med. i sel'khoz. nauki 5 nos. 11-12 '62.

BIBLIOGRAPHY—BOARDING SCHOOLS

What to read on boarding schools. S. Shtern. Shkola-int. no. 2:92-95 Mr-Ap '62

BIBLIOGRAPHY—BOATBUILDING

Small craft building. Sudostroenie 28 no 3:40 Mr '62.

BIBLIOGRAPHY—BULGARIA

[New literature on European people's democracies and Slavic studies: Bulgaria] Nov. lit po evrop. stran. nar. dem i slav.: Blog. no. 1 '62.

BIBLIOGRAPHY—CARDIOVASCULAR SYSTEM—DISEASES

The following books are on sale. Kardiologiia 2 no. 2. 96,4 of cover Mr-Ap '62.

BIBLIOGRAPHY—CHEMISTRY

New books for workers in the chemical industry. Khim. prom. no. 3;228 Mr '62.

BIBLIOGRAPHY—CHEMISTRY, ANALYTICAL

Books on methods of chemical analysis to be published in 1962. Zav. lab. 28 no. 3;390-391 '62

New books. Zav. lab. 28 no. 3;392 '62.

BIBLIOGRAPHY—CHILDREN'S LITERATURE

For younger schoolchildren. L. Lukachevskaia. Nach. shkola 30 no. 5:86-87 My '62.

Zhivova, Z. S. [Working with bibliographies in children's libraries] Rabota s bibliograficheskimi posobiiami v detskoi biblioteke. Moskva, Gos. biblioteka SSSR im. V. I. Lenina, 1961. 46 p.

BIBLIOGRAPHY—COMMUNICABLE DISEASES

New books. Zhur. mikrobiol., epid. i immun. 33 no. 3: 2-4 of cover Mr '62.

Soviet literature on the problems of microbiology, immunology, infectious diseases and epidemiology for the first quarter of 1960. M L Vil'shanskaia Zhur. mikrobiol., epid. i immun. 33 no 3.142-154 Mr '62.

BIBLIOGRAPHY—COMMUNISM

"Acquire a knowledge of books, know how to work with them, a bibliography for students of Marxism-Leninism" by L. V. Popova, T. A. Sergeeva. Reviewed by A. E. Rubin. Sov. bibl. no 1 64-69 '62.

Annotations. Vop. ist. KPSS 6 no. 2:196-209 '62.

Publication of political literature. S. M Maiorov. Vop. ist KPSS 6 no. 2:225-227 '62.

BIBLIOGRAPHY—COMMUNIST PARTIES

Documents and articles on the history of the CPSU and the international communist and labor movement published in November and December 1961 in periodicals and scholarly serials. Vop. ist. KPSS 6 no 2-211-218 '62

BIBLIOGRAPHY—COMMUNIST PARTY OF THE SOVIET UNION

Dissertations for the decree of Candidate in the history of the CPSU presented in 1961. Vop. ist. KPSS 6 no. 2, 249-237 '62.

Documents and articles on the history of the CPSU and the international communist and labor movement published in November and December 1961 in periodicals and scholarly serials. Vop ist. KPSS 6 no. 2, 211-218 '62.

BIBLIOGRAPHY—COMMUNIST YOUTH LEAGUE

Publications on the occasion of the 14th Congress of the All-Union Lenin Communist Youth League Agitator no 6 62 Mr '62

BIBLIOGRAPHY—COMMUNISTS

"Heroes of the seven-year plan; our party's works and people, a talk about books." Reviewed by R. V. Khukhreva. Sov. bibl. no. 1-74-75 '62.

BIBLIOGRAPHY—CONCRETE

Books published by the State Construction Publishing House in 1961. Bet. i zhel.-bet no. 1 3 of cover Ja '62.

BIBLIOGRAPHY—CONDITIONED RESPONSE

Akademiia nauk SSSR. Institut fiziologii imeni I. P. Pavlova. [Bibliography on conditioned reflexes] Bibliografiia po uslovnym refleksam. Sost. N. K. Kleshchova, Pod red. E Sh. Airapet'iantsa, Moskva, Izd-vo Akad. nauk SSSR

Vol. 2. 1936-1948. 1962. 281 p.

BIBLIOGRAPHY—CONSTRUCTION EQUIPMENT

From the pages of magazines. Stroi. i dor. mash 6 no. 11 3 of cover N '61

Through the pages of magazines Stroi i dor mash. 7 no 1 40 Mr '62

BIBLIOGRAPHY—CONSTRUCTION INDUSTRY

Books published by the State Construction Publishing House in 1961. Bet. i zhel.-bet. no. 1:3 of cover Ja '62.

BIBLIOGRAPHY—COSMIC RAYS

"Cosmic rays, a bibliography, 1956-1960." Reviewed by V. P. Shabanskii. Sov. bibl. no. 1.74-75 '62.

BIBLIOGRAPHY—DIVING, SUBMARINE

True to a soldier's duty. Sov. voin 44 no. 1:16 Ja '62.

BIBLIOGRAPHY—ECONOMICS

In the Collegium of the Ministry of Finance of the U.S.S.R. Fin SSSR 23 no. 4 91-92 Ap '62.

[New foreign economic literature] Nov. inostr. ekon. lit. no. 2 '62.

[New Soviet economic literature] Nov. sov. ekon. lit. nos. 7-8 '62.

BIBLIOGRAPHY—EDUCATION

New books. Rad. shk. 41 no. 5, 96 My '62.

New books published by the Academy of Pedagogical Sciences of the R. S. F. S. R. Sov. pedag. 26 no. 4. 145-148 Ap '62.

To be published. Sem'ia i shkola 17 no. 4-47 Ap '62.

BIBLIOGRAPHY—ELECTRICITY ON SHIPS

Electrical equipment of ships. Sudostroenie 28 no. 3: 10 Mr '62.

BIBLIOGRAPHY—ELECTRONICS

[Annotated bibliography on electronics] Annot. ukaz. lit. po radioelek. 18 nos. 4, 6-7 '62.

BIBLIOGRAPHY—ENGELS, FRIEDRICH, 1820-1895

"A bibliography of the bibliographical indexes of K. Marx's, F. Engel's, and V. I. Lenin's works" by L. Levin. Reviewed by N. I. Lapin. Vop. filos. 16 no. 4:180-181 '62.

"Karl Marx and Friedrich Engles in Bulgarian; a bibliography." Reviewed by A. V. Uroeva. Sov. bibl no. 1-90-93 '62

BIBLIOGRAPHY—EROSION

Soil erosion. Pochvovedenie no. 4:120 Ap '62.

BIBLIOGRAPHY—ETHNOLOGY

[New foreign literature on history, archaeology, and ethnography] Nov. inostr lit. po ist., arkheol i etn. no 2 '62.

BIBLIOGRAPHY—FAR EAST—HISTORY

Aleksandr Andreevich Guber, on his sixtieth birthday Nar. Azii i Afr no 2 251-255 '62

BIBLIOGRAPHY—FARM MECHANIZATION

New books. Tekh. v sel'khoz. 22 no. 4-49, 56 Ap '62.

BIBLIOGRAPHY—FERTILIZERS AND MANURES

Soil fertility, fertilizers, and tillage Pochvovedenie no 4 117-119 Ap '62

BIBLIOGRAPHY—FOLK SONGS

Sidel'nikov, V. M., comp. [Russian folk songs; a bibliography, 1735-1945] Russkaia narodnaia pesnia, bibliograficheskii ukazatel', 1735-1945 gg. Moskva, Izd-vo Akad. nauk SSSR, 1962. 169 p.

BIBLIOGRAPHY—FOLKLORE

"Russian folklore, a bibliographical index, 1945-1959," compiled by M IA. Mel'ts Reviewed by V Propp Sov. etn. no. 2 156-158 Mr-Ap '62.

BIBLIOGRAPHY—FOOD INDUSTRY—EQUIPMENT AND SUPPLIES

New books on mechanization and automation in the food industry. Mekh. i avtom proizv 16 no. 4 60 Ap '62.

BIBLIOGRAPHY—FOREST MANAGEMENT

More books on the organization of production A A. Senkevich. Les khoz 15 no. 4 93-94 Ap '62.

BIBLIOGRAPHY—FOREST SOILS

Forest soil science Pochvovedenie no. 4 120 Ap '62.

BIBLIOGRAPHY—FORESTS AND FORESTRY

Authors working in forestry. Les. khoz. 15 no. 4:92-93 Ap '62.

BIBLIOGRAPHY—FOUNDATIONS

List of the reports presented at the Fifth International Congress on Soil Mechanics and Foundation Construction Osn., fund. i mekh. grun 3 no. 6,30-32 '61.

Works on soil mechanics and foundation construction published in 1960 and 1961. Osn., fund i mekh. grun. 3 no. 6:32-4 of cover '61

BIBLIOGRAPHY—FRICTION

Bibliography of Russian and foreign works on friction, wear and lubrication published in 1957 Tren. i izn mash no. 16 219-242 '62.

Bibliography of Russian and foreign works on friction, wear and lubrication published in 1958. Tren. i izn. mash no. 16 243-278 '62.

Bibliography of Russian and foreign works on friction, wear and lubrication published in 1959. Tren i izn mash no. 16, 279-310 '62.

BIBLIOGRAPHY—GAS, NATURAL

Recently published... Stroi. truboprov. 6 no. 11:26 N '61.

BIBLIOGRAPHY—GEOLOGY

Literature on geology received by the library of the Department of Geological and Geographical Sciences of the Academy of Sciences of the U. S. S. R. in January 1962. Izv. AN SSSR, Ser geol 27 no 4, 110-119 Ap '62

BIBLIOGRAPHY—GUIDED MISSILES

Books about rockets K. Morozov Starsh.-serzh no. 1, 29 Ja '62.

BIBLIOGRAPHY—HERTZEN, ALEKSANDR NIKOLAEVICH, 1812-1870

Pedagogical views of A. I. Hertzen; bibliography. Rad. shk. 40 no. 4:22 Ap '62.

BIBLIOGRAPHY—HISTORY

Bookshelf. Prep. ist. v shkole 17 no. 3:118-121 My-Je '62.

[New foreign literature on history, archaeology, and ethnography] Nov. inostr. lit. po ist., arkheol. i etn. no. 2 '62.

BIBLIOGRAPHY—HISTORY, MODERN

Annotations. Nov. i noveish. ist. no. 2:171-173 '62.

Brief notes about new books and articles. Nov. i noveish. ist. no. 2:163-170 '62.

BIBLIOGRAPHY—INFORMATION THEORY

Bibliography. Elektrosviaz' 16 no 3:77-80, 3 of cover Mr '62.

BIBLIOGRAPHY—INSTRUMENTS

Articles from periodicals. Priborostroenie no. 3:32, 3 of cover Mr '62.

Articles from periodicals. Priborostroenie no. 4:32, 3 of cover Ap '62.

New books. Priborostroenie no. 3:31-32 Mr '62.

New books. Priborostroenie no. 4:32 Ap '62.

BIBLIOGRAPHY—JIUJITSU

What to read about sambo. Starsh.-serzh. no. 3:34 Mr '62.

BIBLIOGRAPHY—JOURNALISM

For the library of a journalist. Sov.pech. no.3:55 Mr '62.

BIBLIOGRAPHY—KARSKII, EVFIMII FEDOROVICH, 1860-1931

Bibliography of E. F. Karskii's works. IA. M. Ramanovich, A. K. Ulrevich. Pratsy Inst. mov AN BSSR no.8.18-88 '61.

BIBLIOGRAPHY—KRASNOYARSK TERRITORY

"What to read about Krasnoyarsk Territory, a bibliography." Reviewed by A.B. Sov.bibl. no.1:70-72 '62.

BIBLIOGRAPHY—LANGUAGE AND LANGUAGES

[New foreign literature on linguistics] Nov. inostr. lit. po laz. nos.1-2 '62.

[New Soviet literature in linguistics] Nov. sov. lit. po laz. no.2 '62.

BIBLIOGRAPHY—LATVIAN LITERATURE

Latvijas Padomju Socialistiskas Republikas Zinatnu akademija. Fundamentala biblioteka. [Bibliography of works published in 1960 by the Academy of Sciences of the Latvian S.S.R.] Latvijas PSR Zinatnu akademijas izdevumu bibliografija 1960. Bibliografija izdanija Akademii nauk Latviiskoi SSR. Riga, Latvijas PSR Zinatnu akad. izdevnieciba, 1961. 161 p. (Prilozhenie k zhurnalu "Izvestiia AN Latviiskoi SSR," 1961, no.10) [MICROFILM]

BIBLIOGRAPHY—LAW

Bibliography. Rad. pravo no.2:142-144 Mr-Ap '62.

Current Soviet legal literature, January-February 1962. Sov. gos. i pravo 32 no.5:156-159 My '62.

BIBLIOGRAPHY—LENIN, VLADIMIR IL'ICH, 1870-1924

Be like Lenin. L. Lukachevskaia. Semia i shkola 17 no.1:44-45 Ap '62.

"A bibliography of the bibliographical indexes of K. Marx's, F. Engels', and V. I. Lenin's works" by L. Levin. Reviewed by N. I. Lapin. Vop. filos. 16 no.4:180-181 '62.

Children's books about Lenin. I. Timofeeva. Bibliotekar' no.4.13-16 Ap '62

BIBLIOGRAPHY—LITERATURE

[Information bulletin of new foreign books, received by the Lenin Library. Series 3: Social sciences, belles-lettres, art] Inform. biul. nov. inostr. knig, postup. v Bibl. im. V. I. Lenin. Ser. 3. Obshchestv. nauki, khud. lit., isk. nos. 10-12 '62.

BIBLIOGRAPHY—LITERATURE—HISTORY AND CRITICISM

[New foreign literature on the study of literature] Nov. inostr. lit. po lit. no.2 '62.

[New Soviet literature on the study of literature] Nov. sov. lit. po lit. no.2 '62.

BIBLIOGRAPHY—LUBRICATION AND LUBRICANTS

Bibliography of Russian and foreign works on friction, wear and lubrication published in 1957. Tren. i izn. mash. no.10 219-242 '62.

Bibliography of Russian and foreign works on friction, wear and lubrication published in 1958. Tren. i izn. mash. no.10.243-278 '62.

Bibliography of Russian and foreign works on friction, wear and lubrication published in 1959. Tren. i izn. mash. no.10 279-310 '62.

BIBLIOGRAPHY—LYMPHOGRANULOMA VENEREUM

Annotations of candidate and doctoral dissertations on syphilology and lymphogranuloma venereum defended in 1960. T. V. Vasil'ev. Vest. derm. i ven. no.4:81-84 '62.

BIBLIOGRAPHY—MARINE ENGINEERING

Design and operation of marine engines and boilers. Sudostroenie 28 no.3:26 Mr '62.

Ship systems and devices. Sudostroenie 28 no.3:10, 51 Mr '62.

Ship systems and devices. Sudostroenie 28 no.4:10 Ap '62.

Technology of ship building and marine engineering. Sudostroenie 28 no.4 55, 57 Ap '62.

BIBLIOGRAPHY—MARX, KARL, 1818-1883

"A bibliography of the bibliographical indexes of K. Marx's, F. Engels', and V. I. Lenin's works" by L. Levin. Reviewed by N. I. Lapin. Vop. filos. 16 no.4:180-181 '62.

"Karl Marx and Friedrich Engles in Bulgarian; a bibliography." Reviewed by A. V. Ulianova Sov. bibl. no.1: 90-93 '62.

BIBLIOGRAPHY—MATHEMATICS

"Bibliography of Russian literature on mathematics and physics" edited by V. I. Smirnov. Reviewed by V. B. Petrovskii. Sov. bibl. no.1:69-70 '62.

BIBLIOGRAPHY—MECHANICAL ENGINEERING

Books and periodicals. Av. prom. 26 no.8:117-119 Ag '57.

From foreign periodicals; July-August 1961. Mekh. i avtom. proizv. 16 no.3 59-62 Mr '62.

From last issues of basic machinery-industry periodicals. Av. prom. 26 no.8:116-117 Ag '57.

From Soviet periodicals, February 1962. Mekh. i avtom proizv 16 no.3 57-59 Mr '62.

New books. Vest. mash. 42 no.2:89-91 F '62.

New books. Vest. mash. 42 no.4 88-89 Ap '62

Review of foreign periodicals. Vest. mash. 42 no.2: 91-94 F '62.

Review of foreign periodicals. Vest. mash. 42 no.4. 90-91 Ap '62

Technology of shipbuilding and mechanical engineering. Sudostroenie 28 no.3 45 Mr '62.

BIBLIOGRAPHY—MEDICAL MICROBIOLOGY

New books. Zhur. mikrobiol., epid. i immun. 33 no.3 2-4 of cover Mr '62

BIBLIOGRAPHY—MEDICINE

Books from the press of the Academy of Sciences of the U.S.S.R. being prepared for publication under the 1962 plan. Vest. AMN SSSR 17 no.3:95-98 '62.

Bookshelf. Antibiotiki 7 no.5:3-4 of cover My '62.

Bookshelf. Biul. eksp. biol. i med. 53 no.4:2 and 4 of cover. Ap '62.

[Information bulletin of new foreign books, received by the Lenin Library. Series 2: Biological, Medical, and Agricultural Sciences] Inform. biul. nov. inostr. knig, postup. v Bibl. im. V. I. Len. Ser. 2: Biol., med. i sel'khoz. nauki 5 nos. 11-12 '62.

New books. Arkh. anat., gist. i embr 40 no.5 2 of cover My '61.

New books. Biul. eksp. biol. i med. 3[i.e. 53] no.3 2-4 of cover Mr '62

New books. Sov. med. 25 no.1:2 of cover Ja '62.

New books. Zdrav. Kazakh. 22 no.2.4 of cover '62.

New books. Zhur. nevr. i psikh. 62 no.1:4 of cover '62.

New books on medicine. Izv. AN Kazakh. SSR Ser. med. i fiziol. no.1 4 of cover '61

State Publishing House for Medical Literature announces the following editions for publication in 1962. Pat. fiziol. i eksp. terap. 5 no.6:2-4 of cover N-D '61

BIBLIOGRAPHY—MEDICINE, INDUSTRIAL

New books. Gig. truda i prof. zab. 6 no.3:2-4 of cover Mr '62

BIBLIOGRAPHY—MENSURATION

From periodicals. Izm. tekh. no.4:62 Ap '62.

BIBLIOGRAPHY—METALLURGY

New technical publications. Biul. TSIICHM no.9:63-64 '60.

New technical publications. Biul. TSIICHM no.10:62-64 '60.

BIBLIOGRAPHY—MICROBIOLOGY

New books. Mikrobiol. zhur. 23 no.4:72 '61.

Soviet literature on the problems of microbiology, immunology, infectious diseases and epidemiology for the first quarter of 1960. M. L. Vil'shanskaia. Zhur. mikrobiol., epid. i immun. 33 no.3.142-154 Mr '62.

BIBLIOGRAPHY—MILITARY ART AND SCIENCE

Books on rocket and atomic weapons. Starsh. -serzh no.3:0 Mr '62

Bookshelf of the petty officer and sergeant. Starsh. -serzh no.4.36 Ap '62.

BIBLIOGRAPHY—MINERALS IN SOIL

Soil mineralogy. Pochvovedenie no.4 112 Ap '62

BIBLIOGRAPHY—MINES AND MINERAL RESOURCES

Books and articles on mining. Gor. zhur. no.4:79-80 Ap '62.

BIBLIOGRAPHY—MINING ENGINEERING

New technical publications. Biul. TSIICHM no.9:63-64 '60.

New technical publications. Biul. TSIICHM no.10.62-64 '60.

BIBLIOGRAPHY—MOTION-PICTURE PLAYS

"Soviet motion-picture plays; an annotated catalog." Reviewed by M. Sul'kin. Isk. kino no.3:149-150 Mr '62.

BIBLIOGRAPHY—MOTOR VEHICLES

New books. Avt. prom. 28 no.4:3 of cover Ap '62.

BIBLIOGRAPHY—NAVAL ART AND SCIENCE

Bookshelf of the petty officer and sergeant. Starsh. -serzh. no.4;36 Ap '62.

BIBLIOGRAPHY—NONFERROUS METALS

New technical publications. TSvet. met. 35 no.4:94-96 Ap '62.

BIBLIOGRAPHY—NONFERROUS METALS—WELDING

Recently published... Stroi. truboprov. 6 no.11;26 N '61.

BIBLIOGRAPHY—OBSTETRICS

New books. Ped., akush. i gin. 23 no.6:4 of cover '61.

BIBLIOGRAPHY—PHARMACOLOGY

New books. Farm. i toks. 25 no.1:4 of cover Ja-F '62.

BIBLIOGRAPHY—PHARMACY

New books. Apt. delo 11 no.1:4 of cover Ja-F '62.

BIBLIOGRAPHY—PHILOLOGY

New works on philology. S.S. Volkov. Vest. LGU 17 no.8:137-145 '62.

BIBLIOGRAPHY—PHILOSOPHY

New books on philosophy published by the institutions of higher education. Nauch. dokl. vys. shkoly: filos. nauki 5 no.2.145-147 '62.

[New Soviet literature on philosophy] Nov. sov. lit. po filos. nos.1-2 '62.

BIBLIOGRAPHY—PHOTOSYNTHESIS

"Photosynthesis, a bibliography of Russian and foreign literature" by N. V. Artsikhovskaia. Reviewed by L. N. Bell. Sov. bibl. no.1 72-73 '62.

BIBLIOGRAPHY—PHYSICS

"Bibliography of Russian literature on mathematics and physics" edited by V. I. Smirnov. Reviewed by V. B. Petrovskii. Sov. bibl. no.1:69-70 '62.

BIBLIOGRAPHY—PHYSIOLOGY, PATHOLOGICAL

State Publishing House for Medical Literature announces the following editions for publication in 1962. Pat. fiziol. i eksp. terap. 5 no.6:2-4 of cover N-D '61.

BIBLIOGRAPHY—PIONEERS (COMMUNIST YOUTH)

On the occasion of the 40th anniversary of the Pioneers' organization. Rad. shk 41 no.5:91-95 My '62.

BIBLIOGRAPHY—POLAND—SCIENCE

Works of the Polish science historians. S. Skubala. Vop. ist. est. i tekh. no.12.253-254 '62.

BIBLIOGRAPHY—POLYMERS

Journal of polymer science (no.153, 1961). Vysokom. soed. no.2:312-318 F '62.

New literature on polymeric materials. Plast. massy no.5:78-80 '62.

BIBLIOGRAPHY—PRINTING INDUSTRY

Literature on printing. V. V. Popov. Poligr. proizv. no.11:29-32 N '61.

BIBLIOGRAPHY—PUBLIC HEALTH

Russian literature on hygiene and sanitation (for the 2d half of 1960) V. A. Nevskii. Gig. i san. 26 no.8: 121-130 Ag '61.

Soviet literature on hygiene and sanitation (for the first half of 1961), municipal hygiene. Gig. i san. 27 no.3: 105-113 Mr '62.

BIBLIOGRAPHY—PUBLISHERS AND PUBLISHING

Soviet literature on problems of publishing, 1945-1960. Kniga, Issl. i mat. 5 383-420 '61.

BIBLIOGRAPHY—PUSHKIN, ALEKSANDR SERGEEVICH, 1799-1837

"Bibliography of the works of A. S. Pushkin and the literature about him, 1954-1957" by IA. L. Levkovich, N. N. Petrunina. Reviewed by IU. L. Slavianskii. Izv. AN SSSR. Otd. lit. i iaz. 20 no.4 341-344 Jl-Ag '61.

BIBLIOGRAPHY—RADIO—EQUIPMENT AND SUPPLIES

New books. Radiotekhnika 17 no.4:3 of cover Ap '62

BIBLIOGRAPHY—RADIOLOGY, MEDICAL

The following books are on sale. Vest. rent. i rad. 37 no.2:2-4 of cover Mr-Ap '62.

BIBLIOGRAPHY—RAILROADS

"Bibliographical guide to the publications of the State Publishing House for Railroad Transportation Literature, 1950-1959." Reviewed by N. A. Vil'chur. Sov. bibl. no.1;76-77 '62.

Railroad literature to be published during 1962. A. L. Golovanov. Zhel. dor. transp. 44 no.4;93-94 Ap '62.

BIBLIOGRAPHY—RAILROADS—COMMUNICATION SYSTEMS

Technical literature for signaling and communications workers. N. M. Chekmenev. Avtom., telem. i sviaz' 6 no.4:46-47 Ap '62.

BIBLIOGRAPHY—RAILROADS—ELECTRONIC EQUIPMENT

Books on automatic control, remote control, and communications. Avtom., telem. i sviaz' 6 no.5:47-48 My '62.

BIBLIOGRAPHY—RAILROADS—SIGNALING

Books on automatic control, remote control, and communications. Avtom., telem. i sviaz' 6 no.5:47-48 My '62.

Technical literature for signaling and communications workers. N. M. Chekmenev. Avtom., telem. i sviaz' 6 no.4:46-47 Ap '62.

BIBLIOGRAPHY—RECLAMATION OF LAND

Soil improvement. Pochvovedenie no.4:110 Ap '62.

BIBLIOGRAPHY—REFRACTORY MATERIALS

Bibliography. Ogneupory 27 no.4:195 '62

BIBLIOGRAPHY—REFRIGERATION AND REFRIGERATING MACHINERY

New books. Khol. tekh. 39 no.2:57 Mr-Ap '62.

BIBLIOGRAPHY—RELIGION

[New Soviet and foreign literature on the problems of religion and atheism] Nov. sov i inostr. lit. po vop. rel i ateizm, nos. 1-2 '62.

BIBLIOGRAPHY—ROCKET ENGINES

Books about rockets. K Morozov Starsh.-serzh no 1-29 Ja '62

BIBLIOGRAPHY—RUBBER

Articles on crude and vulcanized rubber published in the second half of 1961. Kauch i rez. 21 no 4:60-64 Ap '62.

BIBLIOGRAPHY—RURAL ELECTRIFICATION

New books. Tekh. v sel'khoz. 22 no.4:49,56 Ap '62.

BIBLIOGRAPHY—RUSSIA

Glorious and mighty. Vokrug sveta no. 4:62-63 Ap '62.

BIBLIOGRAPHY—RUSSIAN LITERATURE

Zubov, IU. S., E. N. Kabalkina, and A. A. Kunina. [Books of Soviet writers; a recommended reading list] Knigi sovetskikh pisatelei, rekomendatel'nyi ukazatel'. Moskva, Gos. biblioteka SSSR im. V. I. Lenina. Vol. 2. 1962. 142 p.

BIBLIOGRAPHY—RUSSIAN NEWSPAPERS

On the fiftieth anniversary of "Pravda." S. Kazakov. Bibliotekar' no 4:21-23 Ap '62

BIBLIOGRAPHY—RUSSIAN PERIODICALS

New books on Lenin's "Pravda." M Chernenko Kommunist 39 no. 8:126-127 My '62

BIBLIOGRAPHY—RUSSIAN STUDIES

A brief review of publications devoted to the Soviet Union. R. A. Zybenko. Mat i soob Issl otd. Inst. po izuch SSSR no. 31,54-57 Ja '62.

BIBLIOGRAPHY—RUSSO-TURKISH WAR, 1877-1878

Studies on the history of the Russo-Turkish War of 1877-1878 published in the People's Republic of Bulgaria L. Punin Voen.-ist. zhur. 4 no. 4:107-109 Ap '62

BIBLIOGRAPHY—SCIENCE

[Information bulletin of new foreign books, received by the Lenin Library Series 1: Physical, mathematical, chemical, geological and geographical sciences; technology and technological sciences] Inform. biul. nov. inostr. knig, postup. v Bibl. im. V. I. Len. Ser. 1: Fiz.-mat., khim. i geol.-geog. nauki; tekh. i tekh. nauki nos. 8, 11-12 '62.

New foreign books on the history of natural science and technology. Vop. ist. est. i tekh. no. 12, 230-232 '62.

"Standard catalog for public libraries" [in Czech]. Reviewed by A S Myl'nikov. Sov. bibl. no. 1:93-95 '62.

BIBLIOGRAPHY—SHAFT SINKING

New books. Shakht. stroi. 6 no. 4:32 Ap '62.

BIBLIOGRAPHY—SHIP HANDLING

Design and operation of ships. Sudostroenie 28 no. 3: 17 Mr '62.

Design and operation of vessels Sudostroenie 28 no 4: 14, 16, 83 Ap '62

BIBLIOGRAPHY—SHIPBUILDING

Design and operation of ships. Sudostroenie 28 no. 3: 17 Mr '62.

Design and operation of vessels. Sudostroenie 28 no. 4 14, 16, 83 Ap '62.

Shipbuilding in foreign countries. Sudostroenie 28 no. 3:72, 79 Mr '62.

Shipbuilding in foreign countries Sudostroenie 28

4 40 Ap '62

BIBLIOGRAPHY—SOIL BIOLOGY

Biology and microbiology of soils. Pochvovedenie no. 4: 115-117 Ap '62.

BIBLIOGRAPHY—SOIL CHEMISTRY

Chemistry of soils and methods of analysis Pochvovedenie no. 4:114-115 Ap '62.

BIBLIOGRAPHY—SOIL FERTILITY

Soil fertility, fertilizers, and tillage. Pochvovedenie no 4:117-119 Ap '62

BIBLIOGRAPHY—SOIL FORMATION

Soil formation factors, genesis, geography, and cartography of soils Pochvovedenie no 4 111-112 Ap '62

BIBLIOGRAPHY—SOIL MECHANICS

List of the reports presented at the Fifth International Congress on Soil Mechanics and Foundation Construction. Osn., fund i mekh. grun. 3 no. 6:30-32 '61.

Works on soil mechanics and foundation construction published in 1960 and 1961 Osn., fund i mekh grun 3 no. 6.32-4 of cover '61

BIBLIOGRAPHY—SOIL MICRO-ORGANISMS

Biology and microbiology of soils Pochvovedenie no 4 115-117 Ap '62.

BIBLIOGRAPHY—SOIL PHYSICS

Physical properties of soils and methods of research Pochvovedenie no 4:112-114 Ap '62

BIBLIOGRAPHY—SOILS

General works and history of soil science. Pochvovedenie no. 4 120 Ap '62

Soil formation factors, genesis, geography, and cartography of soils. Pochvovedenie no 4:111-112 Ap '62

BIBLIOGRAPHY—SOVIET CENTRAL ASIA—ETHNOLOGY

Works of the Central Asian Ethnographic Expedition, 1957-1961. B. Kh. Karmysheva. Sov. etn. no. 2:137-140 Mr-Ap '62.

BIBLIOGRAPHY—SPACE SCIENCES

"The way to the stars with books" [in English] by G. Watts. Reviewed by I. V. Gudovshchikova. Sov. bibl. no. 1, 95-96 '62.

BIBLIOGRAPHY—SPECTRUM ANALYSIS

New books. Zav. lab. 28 no 3, 392 '62.

BIBLIOGRAPHY—SPORTS

New books. Teor. i prak. fiz. kul't. 25 no. 2, 59-60 F '62.

BIBLIOGRAPHY—STOCK AND STOCKBREEDING

Dissertations. Vest. sel'khoz. nauki 7 no. 1, 158 Ja '62.

Dissertations. Vest. sel'khoz. nauki 7 no. 3:143, 148 Mr '62.

BIBLIOGRAPHY—STRUCTURES, THEORY OF

Book reviews and bibliography. P. M. Varvak and others. Stroi. mekh i rasch. soor 3 no. 6:46-50 '61.

Contents of the magazine "Stroitel'naia mekhanika i rashchet sooruzhenii" for 1961. Stroi. mekh i rasch. soor. 3 no. 6-51-52 '61.

New books put out by the State Construction Publishing House. Stroi. mekh i rasch soor. 3 no. 6 3 of cover '61.

BIBLIOGRAPHY—SUGAR INDUSTRY

From the new technical and agricultural publications. Sakh. prom. 35[i. e. 36] no. 2, 76-78 F '62.

BIBLIOGRAPHY—SUGAR MANUFACTURE

From pages of scientific and technical journals. G. S. Benin. Sakh. prom 35[i. e. 36] no 2 62-63 F '62.

LIS

late and doctoral dissertations on during 1959. T. V. Vasil'ev. .6:77-82 '61.

e and doctoral dissertations on ogranuloma venereum defended in Vest. derm. i ven. no. 4:81-84

RE, SIR RABINDRANATH, 1861-

a bibliobibliography," compiled by Reviewed by Kh. S. Nadel'. Nar. 236 '62.

ISTAN—ARCHAEOLOGY

archaeology of Tajikistan Pisakov. Trudy Inst. ist., adzh. SSR 27:173-179 '61.

ISTAN—GEOLOGY

logy, geomorphology and hydroge-51-1955. Trudy AN Tadzh. SSR

R A. S. S. R.

A.S.S.R. from the earliest times aphy of Soviet literature, 1917- E.G. Bushkanets. Sov. bibl. no. 1:

NICAL EDUCATION

al and technical education. Shkola 02 Ap '62.

BIBLIOGRAPHY—TECHNOLOGICAL INNOVATIONS

From foreign periodicals, September 1961. Mekh. i avtom. proizv 16 no. 4, 63-64 Ap '62.

From Soviet periodicals, March 1962. Mekh. i avtom. proizv. 16 no. 4:61-63 Ap '62.

In the world of science and technology, developments in foreign countries. Prom Arm 5 no. 3:66-67 Mr '62

In the world of science and technology, developments in the U. S. S. R. Prom Arm 5 no. 3:64-66 Mr '62.

New books. Mekh i avtom proizv 16 no. 3 55-56 Mr '62.

On the bookshelf. Izobr. i rats. no. 4:36 Ap '62.

BIBLIOGRAPHY—TECHNOLOGY

Aids for workers engaged in all the processes of an operation. N. S. Molchanova. Sov. bibl. no. 1, 48-50 '62.

[Information bulletin of new foreign books, received by the Lenin Library. Series 1: Physical, mathematical chemical, geological and geographical sciences; technology and technological sciences] Inform. biul. nov. inostr. knig, postup. v Bibl. im. V. I. Len. Ser. 1: Fiz.-mat., khim. i geol.-geog. nauki; tekh. i tekh. nauki nos. 8, 11-12 '62.

New foreign books on the history of natural science and technology. Vop. ist. est. i tekh. no. 12, 230-232 '62.

BIBLIOGRAPHY—TECHNOLOGY—PERIODICALS

"Technical periodicals in the U. S. S. R." by N. A. Vil'chur. Reviewed by A. V. Krementskaia. Sov. bibl. no. 1:53-55 '62.

BIBLIOGRAPHY—TELECOMMUNICATION

Bibliography. Elektrosviaz' 16 no. 3:77-80, 3 of cover Mr '62.

BIBLIOGRAPHY—TILLAGE

Soil fertility, fertilizers, and tillage. Pochvovedenie no 4 117-119 Ap '62

BIBLIOGRAPHY—TRANSPORTATION, AUTOMOTIVE

New books. Avt. transp. 40 no. 4:61 Ap '62.

BIBLIOGRAPHY—TURKISH LANGUAGE

"Sovietico turcica; a contribution to the bibliography of Russian studies of the Turkish language in the Soviet Union, 1917-1957" [in German] Edited by Georg Hazai. Reviewed by A. Khasenov, M. A. Cherkasskii Nar. Azii i Afr. no 2:250 '62

BIBLIOGRAPHY—UKRAINIAN LITERATURE

Brief book reviews. Sov. Ukr. 12 no. 5:188-191 My '62.

BIBLIOGRAPHY—UROLOGY

State Publishing House for Medical Literature announces its 1962 publications. Urologiia no. 3:4 of cover '61.

BIBLIOGRAPHY—VAVILOV, SERGEI IVANOVICH, 1891-1951

"Sergei Ivanovich Vavilov (1891-1951)." Reviewed by M. P. Bronshtein. Sov. bibl. no. 1:55-60 '62.

BIBLIOGRAPHY—VETERINARY MEDICINE

Dissertations. Vest. sel'khoz. nauki 7 no. 1:158 Ja '62.

Dissertations. Vest. sel'khoz. nauki 7 no. 3:143, 148 Mr '62.

New books on veterinary medicine. Veterinariia 37 no. 8:89-90 Ag '60.

New books on veterinary medicine. Veterinariia 37 no. 10:89 O '60.

New books on veterinary medicine. Veterinariia 37 no. 12:75-78 D '60.

New books on veterinary medicine. Veterinariia 38 no. 1:91-92 Ja '61.

BIBLIOGRAPHY—VOCATIONAL EDUCATION

Books on production training prepared for publication in 1962 L. Vladimirova. Shkola i proizv. 5 no. 4: 93-95 Ap '62.

Textbooks and teaching aids for the training of workers. Prof.-tekh. obr. 19 no. 3:25 Mr '62.

BIBLIOGRAPHY—WOOD-USING INDUSTRIES

[Literature on forest and paper industries] Lit. po les. i bum. prom. nos. 43-49 '60; nos. 51-57 '61.

BIBLIOGRAPHY—WOODWORKING INDUSTRIES

From pages of technical and economic bulletins of economic councils. Der. prom. 11 no. 4:2-3 of insert Ap '62.

Lithuanian S. S. R. Liaudies ukio taryba. Centrine moksline-techninc biblioteka, Vilna. [Mechanization and automation of production processes in the woodworking industries; bibliographical index] Medzio apdirbimo pramones gamybos procesu mechanizavimas ir automatizavimas; bibliografine rodykle. Vilnius, 1961. 117 p.

New books. Der. prom. 11 no. 4:26 Ap '62.

BIBLIOGRAPHY—WORLD WAR, 1939-1945

True to a soldier's duty. Sov. voin 44 no. 1:16 Ja '62.

BIBLIOGRAPHY—YOUTH

Those who dare. N. Dobrynina. Bibliotekar' no. 4:35-38 Ap '62.

BIBLIOGRAPHY—YUGOSLAVIA
[New literature on Yugoslavia] Nov. lit. po IUg, nos. 1-2 '62.

BIBLIOGRAPHY (THEORY, METHODS, ETC.)
Conference on Measures to Improve Technical Information and Propaganda. V.N. Frantskevich. Fonotov, Sov.bibl. no.1:85-87 '62.
"How to use bibliographies in public libraries" by S.S. Levina. Reviewed by A.A. Rodnianskaia." Sov.bibl. no.1:60-62 '62.
Improve the social content of bibliographies. G.P. Fonotov. Sov.bibl. no.1:3-16 '62.
Methodological Conference on Bibliography of the Second Class. B.L. Kandel'. Sov.bibl. no.1:82-85 '62.

BIDSTRUP, HERLUF
Bidstrup, Herluf. [Herluf Bidstrup; album of drawings and caricatures] Kherluf Bidstrup [Al'bom risunkov i karikatur. L'vov, Izd-vo L'vovskogo gos. univ., 1961] 1 v. (chiefly illus.)
(MH)

BIKCHENTAEV, ANVER
"Buoy keepers are not crying" by Anver Bikchentaev. Reviewed by V.I. Ganiev. Oktiabr' 38 no.3:211 Mr '62.

BILE ACIDS
Role of bile acids in the hypocholesterinemic action of β-allosterol [with summary in English]. K.A. Mashcherskaia, G.P. Borodina. Farm.i toks 25 no.1:44-47 Ja-F '62.

BILE DUCTS—CANCER
Primary cancer of the common bile duct. M.N. IAkovenko. Khirurgiia 37 no 7.137-138 Jl '61

BILE DUCTS—DISEASES
Etiology of chronic abdominal pains in children. I.H. Sytnyts'ka. Ped. akush. i gin 23 no 3:11-14 '61

BILE DUCTS—RADIOGRAPHY
Technic, indications, and diagnostic value of transhepatic cholangiography [with summary in English] V.I. Shuvaeva. Khirurgiia 37 no.7 61-64 Jl '61.

BILE DUCTS—SURGERY
Cholangio-jejunal anastomosis in obstruction of the intrahepatic and high extrahepatic bile ducts [with summary in English]. A.A. Shalimov. Khirurgiia 37 no.7:33-39 Jl '61.
Operation of the common bile duct in cholelithiasis [with summary in English] Z.A. Topchishvili. Khirurgiia 37 no. 7:26-33 Jl '61.
Surgical treatment of complete obstruction of the extrahepatic bile ducts IA.D Vitebskii. Khirurgiia 37 no 7 47-50 Jl '61.

BILE DUCTS—WOUNDS AND INJURIES
Prolonged closed drainage of the extrahepatic bile ducts following their injury. V.I. Kireev. Khirurgiia 37 no.7 127-129 Jl '61.
"Traumatic hemobilias." L.V. Avdei. Khirurgiia 37 no.7. 129-130 Jl '61.

BILE PIGMENTS
Disorder of the pigmentary function of the liver in nephrolithiasis. V.D. Shemetov Urologiia no.2:20-24 '62

BILHARZIOSIS see Schistosomiasis

BILIARY CALCULI see Calculi, Biliary

BILIARY TRACT
Excretine function of the liver in experimental thyrotoxicosis [with summary in English]. M.G. Badrutdinov. Pat. fiziol. i eksp. terap. 5 no. 6:48-52 N-D '61.

BILIARY TRACT—DISEASES
Comparative examination of the electrophoretic changes in the blood serum proteins and the morphological changes in liver tissue in inflammatory processes of the gallbladder and bile ducts [with summary in English]. B.S. Kaplanskii. Khirurgiia 37 no 7:39-47 Jl '61.

BILIARY TRACT—RADIOGRAPHY
Operative cholangiography and manometry of the biliary tract. Z.A. TSkhakaia. Khirurgiia 37 no. 7:51-55 Jl '61.

BILIRUBIN
Biochemical mechanism of Van den Bergh's reaction and chromatography of bilirubin. Ts.L Kartozilia. Soob. AN Gruz. SSR 28 no. 1:41-46 Ja '62.

BILL DRAFTING
Kerimov, D.A. [Codification of law and the preparation of new legislative enactments] Kodifikatsiia i zakonodatel'nala tekhnika. Moskva, Gos.izd-vo iurid. lit-ry, 1962, 102 p.

BIMETAL see Laminated metals

BINARY STARS see Stars, Double

BINDING MATERIALS
Binding properties of fine-grained shifting sands. D.D. Dzhigiris. Izv. AN Turk. SSR, Ser. fiz.-tekh., khim. i geol. nauk no. 2:65-70 '62.

BINOMIAL EQUATIONS see Equations, Binomial

BIOCHEMISTRY
Problems in sports biochemistry. N.N. IAkovlev. Teor. i prak fiz. kul't 25 no. 4:6-9 Ap '62.

BIOCHEMISTRY—ABSTRACTS
[Chemistry: Biological] Ref. zhur.: Khim.; biol. khim. nos. 7-10 Ap-My '62.

BIOCHEMISTRY—BIBLIOGRAPHY see Bibliography—Biochemistry

BIOCHEMISTRY—CONGRESSES
Fifth International Biochemical Congress. B.A. Rubin, M.E. Ladygina, A.B. Rubin. Agrobiologiia no 2 304-313 Mr-Ap '62
Fifth International Biochemistry Congress. D.IA. Rashba. Mikrobiol. zhur. 23 no.6:70-71 '61.

BIOCHEMISTRY—LABORATORY MANUALS
Zbarskii, B.I., I.B. Zbarskii, and A.I. Solntsev. [Laboratory manual of biological chemistry] Praktikum po biologicheskoi khimii. Moskva, Medgiz, 1949. 223 p.

BIOCHEMISTRY—STUDY AND TEACHING see subdivision under Irkutsk

BIOLOGICAL PRODUCTS
Occupational dermatitis in the preparation of stimulin D-1 and measures for its prevention B.I. Krasnov, L.D. Gladshtein Gig truda i prof. zab. no. 4.50 '62
Use of β-propiolactone for sterilizing some labile biological preparations; preliminary report [with summary in English]. N.E. Gefen, O.A. Rudneva, A.G. Bazhinov. Zhur. mikrobiol., epid. i immun. 33 no. 3:103-108 Mr '62
Use of "biological-gloves" in industrial plants in the Moscow and Lenin Districts of Leningrad. I.O. Shapiro, V.IA. Kutasnikov. Vest. derm. i ven. no. 6:57-59 '61.

BIOLOGICAL PRODUCTS—BIBLIOGRAPHY see Bibliography—Biological products

BIOLOGICAL RESEARCH
A conference on biogeocoenology. G.G. Vinberg and others. Zool. zhur. 41 no. 4:628-640 Ap '62.
Cybernetics and the forest V. Nesterov. Znan. sila 37 no. 3:20-21 Mr '62.
From the pages of foreign biological publications. N.F. Neiman. Agrobiologiia no. 2 310-316 Mr-Ap '62.

BIOLOGICAL RESEARCH—CONGRESSES
Fourteenth General Assembly of the International Association of Biological Sciences. M.S. Gilliarov Zool zhur 41 no. 2 311-312 F '62

BIOLOGY
Nature prompts. V. Kovalevskii. Znan. sila 37 no. 4: 36-38 Ap '62.

BIOLOGY—ABSTRACTS
[Biology] Ref. zhur.: Biol. nos. 7-10 Ap-My '62.

BIOLOGY—BIBLIOGRAPHY see Bibliography—Biology

BIOLOGY—PHILOSOPHY
"Causality and expediency in animate nature" by I.T. Frolov. Reviewed by N.N. Zhukov-Verezhnikov. Vop. filos. 16 no.4:176-180 '62.
Ukrainskoe soveshchanie po filosofskim voprosam biologii. [Philosophical problems of contemporary biology; proceedings] Filosofskie voprosy sovremennoi biologii; materialy. Kiev, Izd-vo Akad. nauk USSR, 1962, 491 p.
V.I. Lenin and the philosophical problems of biology. I.I. Novinskii. Priroda 51 no.4:3-10 Ap '62.

BIOPSY
Transrectal biopsy of the prostate as a method for the early diagnosis of prostatic cancer [with summary in English]. B.S. IAkubson. Urologiia no.6:34-38 '61.

BIOTIN
Modern concepts of the role of biotin in metabolism; participation of biotin in carbon dioxide fixation. A.A. Poznanskaia, V.Z. Gorkin. Vop med. khim. 8 no. 2: 116-131 Mr-Ap '62.

BIRCH
(see also subdivision under Latvia)
Biology of the burl birch. A.V. Koz'min. Les. khoz. 15 no. 4:24-27 Ap '62.

BIRCH—DRYING
Effect of temperature increase in the drying of birch wood on its physicomechanical properties. A.E. Shitova Der. prom. 11 no. 4:13-14 Ap '62.

BIRDS
(see also subdivision under Astrakhan Province)
"Biology and comparative physiology of birds" [in English] Reviewed by G.P. Dement'ev. Zool. zhur. 41 no. 2. 304-305 F '62.

BIRDS—EGGS AND NESTS
At dawn, two pages for hunters and fishermen. Ukraina no. 10:30-31 My '62.

BIRTH, PREMATURE see Infants (Premature)

BIRTH INJURIES
Newborn infant mortality from injuries during labor and ways to lower it M.S Solov'eva. Sbor. nauch. rab Kaf. akush. i gin. GMI no 1.131-132 '60

BIRULYA BAY REGION—PEGMATITES
Granite pegmatites in the Birulya Bay region (Taymyr Peninsula). A.I Suderkin. Sov. geol 5 no 4 114-119 Ap '62.

BISHKEND VALLEY—ANTIQUITIES
New data on the Tulkharskiy mound based on the 1958 explorations. A.M. Mandel'shtam. Trudy Inst. ist., arkheol. i etn. AN Tadzh. SSR 27 49-58 '61.

BISMUTH
Chromatographic determination of cobalt in the presence of interfering ions with the aid of ion exchangers Report No. 2: Determination of cobalt in the presence of bismuth. Z.I. Kheifets, V.B. Aleskovskii Trudy LTI no. 46 179-181 '58.
Use of complexometric titration in determining bismuth and zinc in medical suppositories. V.V. Belikov, M.S. Shraiber, S.M. Bolotnikov. Apt. delo 11 no. 1:50-53 Ja-F '62.

BISMUTH-ANTIMONY ALLOYS—METALLOGRAPHY
Effect of the rate of cooling on the crystallization of bismuth-antimony alloys. V.M. Glazov. Izv. AN SSSR Otd. tekh. nauk. Met. i topl. no. 2 66-70 Mr-Ap '62.

BISMUTH-ANTIMONY-SCANDIUM ALLOYS
Study of bismuth-antimony-scandium alloys. N.N. Zhuravlev, E.M. Smirnova. Kristallografiia 7 no. 2:312-313 Mr-Ap '62.

BISMUTH ORGANIC COMPOUNDS
Synthesis of organobismuth compounds via diaryliodonium salts. O.A. Ptitsyna, O.A. Reutov, IU.S Ovodov. Izv. AN SSSR. Otd. khim. nauk no. 4 638-644 Ap '62.

BISMUTH-PLATINUM ALLOYS
X-ray diffraction examination of superconducting bismuth-platinum alloys in the temperature range 20°-640°. Kristallografiia 7 no. 2:310-311 Mr-Ap '62.

BISMUTH SELENIDE—ELECTRIC PROPERTIES
Effect of uniaxial deformations on the conductance of bismuth telluride and selenide IU. V. Ilisavskii. Fiz. tver. tela 4 no. 3:818-820 '62

BISMUTH TELLURIDE—ELECTRIC PROPERTIES
Effect of uniaxial deformation on the conductance of bismuth telluride and selenide IU. V. Ilisavskii Fiz. tver. tela 4 no. 3:818-820 '62

BISON
Structure of the placenta in bison cows. P.V Popov, IU. G. Kazaev. Trudy AZVI 0:388-389 '58.

BITUMEN
(see also subdivision under Siberian Platform)
Circulation method for heating bitumen. V.G. Aleksandrov. Izv. vys. ucheb. zav., energ 5 no 3 97-98 Mr '62.
Properties of bitumen in thin layers as effected by the nature of the underlying stone surface. A.S. Kolbanovskaia. Dokl. AN SSSR 143 no. 5:1150-1152 Ap '62.

BITUMEN—GEOLOGY
(see also subdivision under Gissar Range; Ust-Urt)
Methodology of luminescence studies of the amount and distribution of bitumen in rocks. T.K. Bazhenova, E.V. Chaikovskaia. Trudy SNIIGGIMS no 1:126-129 '59.
Uspenskii, V.A., and others. [Basic processes of the transformation of bitumens in nature and the problems of their classification] Osnovnye puti preobrazovaniia bitumov v prirode i voprosy ikh klassifikatsii. Leningrad, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry Leningr. otd-nie, 1961. 314 p. (Leningrad. Vsesoiuznyi neftianoi nauchno-issledovatel'skii geologorazvedochnyi institut. Trudy, no. 185)

BITUMINOUS COAL—TESTING
Investigation of bituminous brown coal. N.M. Karavaev, IU.V. Valibekov. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 2:145-151 Mr-Ap '62.

BLACK EARTH see Chernozem soils

BLACK LEAD see Graphite

BLACK SEA—ANCHOVIES
Food of larval anchovies in the Black Sea. L.A. Duka. Trudy SBS 14:242-256 '61.

BLACK SEA—AZOTOBACTER
Relationship between Azotobacter and phytoplankton in the Black Sea. L.N. Pshenin. Trudy SBS 14:33-43 '61.

BLACK SEA—COPEPODA
Development of copepods in the Black Sea. Report No. 2: Nauplial stages of Calanus helgolandicus (Claus). L.I. Sazhina. Trudy SBS 14:102-108 '61.
Harpacticoida in the region of Sevastopol. R.E. Griga. Trudy SBS 14:109-125 '61.
Preliminary data on the food of Parscalanus parvus (Claus) in the Black Sea. E.P. Delalo. Trudy SBS 14: 126-134 '61.

BLACK SEA—EMBRYOLOGY—FISHES
Stages and embryonic development and the daily rhythm of reproduction in fishes of the Black Sea. T. V. Dekhnik. Trudy SBS 14:220-241 '61.

BLACK SEA—FISHES
Permissible and critical concentrations of oxygen with respect to the young of fishes in the Black Sea. E. M. Kalinina. Trudy SBS 14:215-219 '61.
Statistical analysis of the differentiation ability of some fishes of the Black Sea. M. P. Aronov. Trudy SBS 14: 286-291 '61.

BLACK SEA—GASTROPODA
Reproduction of Rapana bezoar L. in the Black Sea. V. D. Chukhchin. Trudy SBS 14:163-168 '61.

BLACK SEA—MEDUSAE
Feeding of the Black Sea medusa Aurelia aurita L. [with summary in English]. B. N. Mikhailov. Zool. zhur. 41 no. 2 286-287 F '62

BLACK SEA—MOLLUSKS, FOSSIL
Characteristics of the development of bivalve mollusks of the Black Sea in late Quaternary. L. A. Nevesskaia. Dokl. AN SSSR 143 no. 5. 1170-1172 Ap '62.

BLACK SEA—PARASITES
Parasite fauna of the sea bass (Spicara smaris (L.)) of the Black Sea. T. A. Kostina. Trudy SBS 14:274-285 '61.

BLACK SEA—PHYTOPLANKTON
Distribution of phytoplankton in the Black Sea and its relation with hydrological conditions. T. M. Kondrat'eva, E. V. Belogorskaia. Trudy SBS 14:44-63 '61.
Relationship between Azotobacter and phytoplankton in the Black Sea. L. N. Pshenin. Trudy SBS 14:33-43 '61.

BLACK SEA—RADIOISOTOPES
Distribution of P^{32}, S^{35}, Sr^{90}, Y^{91}, and Ce^{144} between sea water and the ground under experimental conditions. A. D. Akamsin. Trudy SBS 14.309-313 '61.
Materials on the coefficients of the accumulation of P^{32}, S^{35}, Sr^{90}, Y^{91}, Cs^{137}, and Ce^{144} in marine organisms. G. G. Polikarpov. Trudy SBS 14 314-326 '61.

BLACK SEA—SARGO
Hermaphroditism in the sargo Diplodus annularis (L.). L. P. Salekhova. Trudy SBS 14:257-268 '61.

BLACK SEA—WATER FLEAS
Distribution of Penilia avirostris Dana (Crustaceae, Cladocera) in the Black Sea. E. V. Pavlova. Trudy SBS 14:92-101 '61.

BLACK SEA REGION—WORLD WAR, 1939-1945
To all the soldiers and officers of the Army of the Black Sea region who fought against German fascists in Moldavia and the Crimea and who participated in the heroic defense of Odessa and Sevastopol. Voen.-ist. zhur. 4 no. 4:128 Ap '62.

BLADDER
Study of the permeability of the wall of a normal and an artificial urinary bladder in dogs using radioactive isotopes [with summary in English]. P. IA. Annikov, N. A. Fedorov. Urologiia no. 6:50-54 '61.

BLADDER—CALCULUS see Calculi, Urinary

BLADDER—CANCER
Temkin, I. S. [Tumors of the urinary bladder caused by cancerogenic amino compounds] Opukholi mochevogo puzyria, vyzvannye kantserogennymi aminosoedineniiami. 2., dop. i perer. izd. Moskva, Medgiz, 1962. 320 p.
(DNLM)

BLAST EFFECT
Calibration methodology and vibrograph apparatus for recording blasting shocks. P. S. Mironov, G. V. Kuznetsov. Izv. vys. ucheb. zav., gor. zhur. 5 no. 1 98-103 '62.

BLAST FURNACES
(see also subdivision under United States)
Improving the blast furnace process by the use of graded ore. B. M. Nosovitskii, T. I. Papin, Kh. A. Akhmadeev. Biul. TSIICHM no. 9 39-41 '60.
Operation of a blast furnace with a capacity of 1513 m^3. B. N. Starshinov and others. Biul. TSIICHM no. 9 1-6 '60.
Transducer of gas pressure in blast furnaces. I. A. Rylov. Biul. TSIICHM no. 9 41-44 '60.
Vagin, A. A. [Blast furnace practice] Domennoe proizvodstvo. Moskva, Metallurgizdat, 1962. 134 p.

BLAST FURNACES—MAINTENANCE AND REPAIR
Straightening of a blast furnace. A. A. Zil'berman, L. M. Likhtmakher. Biul. TSIICHM no. 10-31-34 '60.

BLASTING
Basic parameters of the method of upraising with deep blastholes. K. A. Kristin. Izv. vys. ucheb. zav., gor. zhur. no. 3 7-14 '61.
Calculating the line of least resistance of borehole charges in open-pit benches. N. U. Turuta, N. I. Zub. Izv. vys. ucheb. zav., gor. zhur. 5 no. 1 104-108 '62.
Flow of blasting products from the hole. IU. V. Gack, M. F. Drukovanyi, K. V. Momot. Izv. vys. ucheb. zav.; gor. zhur. 5 no. 1 84-89 '62.
Methods of filling in cavities in open-pit operation in an area of old underground workings. B. P. Bogoliubov, A. S. Khodinov. Izv. vys. ucheb. zav., gor. zhur. 5 no. 2. 50-57 '62.
Study of dust deposition in driving development workings. N. F. Greshchenkov. Izv. vys. ucheb. zav., gor. zhur. no. 3 83-88 '61.
Study of the stability and determination of safe angles of levelled-off sides of the Blyava open-pit mine. IU. I. Turintsev, V. I. Zobnin, G. P. Bakhareva. Izv. vys. ucheb. zav., gor. zhur. 5 no. 2 97-101 '62.
Studying the nature of the breaking of brittle materials at various loading speeds. V. K. Filippov. Trudy Inst. gor. dela AN Kazakh. SSR. 8.107-115 '61.
Use of ultrarapid motion-pictures with the photoelastic method to study pressures arising in a rock massif during blasting. F. A. Belaenko, IU. V. Gack, M. F. Drukovanyi. Izv. vys. ucheb. zav., gor. zhur. no. 3 45-48 '61.

BLASTING OIL see Nitroglycerin

BLEEDING see Hemorrhage

BLIND SCHOLARS see Scholars, Blind

BLIND SPOT
Method of registering and measuring the blind spot. E. I. Ustinova. Vest. oft. no. 2:49-51 '62.

BLISTER BEETLES see subdivision under Ukraine

BLOKHIN, NIKOLAI NIKOLAEVICH, 1912-
Nikolai Nikolaevich Blokhin (on his 50th birthday). L. M. Shabad, B. E. Peterson. Vop. onk. 8 no. 4 115-117 '62.

BLOMMENDAAL, REYER JACOBSZ, d. 1675
Reyer van Blommendaal's painting "Moses drawing water from a rock." E. Fekhner. Soob. Gos. Erm. no. 21:26-28 '61.

BLOOD
Blood. Zdorov'e 8 no. 2:9-10 F '62.
Characteristics of the blood system's reaction and general state of an animal to oxygen insufficiency in radiation sickness. A. Milov. Trudy Semipal. med. inst. 2 116-128 '59.
Effect of adrenaline and acetylcholine on blood luminescence. N. K. Sviridov. Fiziol. zhur. 48 no. 3:331-334 Mr '62.
Effect of water deficiency on the blood composition in camels. B. Kh. Bakhtiozina. Izv. AN Kazakh. SSR. Ser. med. i fiziol. no. 1. 27-36 '61.
Immunobiological indications of activity in the serum of patients with various forms of neurorheumatism. E. T. IUnusova. Zdrav. Tadzh. 9 no. 1. 54-56 Ja-F '62.
Neural regulation of the blood under conditions of high temperature. A. IU. IUnusov, Z. T. Tursunov. Med. zhur. Uzb. no. 2:53-59 F '62.

BLOOD—ANALYSIS AND CHEMISTRY
(see also subdivision under Kuznetsk Basin; Vostok Station, Antarctica)
Changes in some biochemical blood indices in lambs in connection with their age. S. I. Sevast'ianov. Trudy AZVI 9:258-264 '56.

BLOOD—CIRCULATION
Effect of oxygen and carbon dioxide on the rate of coronary blood flow [with summary in English]. R. A. Babenko. Pat. fiziol. i eksp. terap. 5 no. 6:52-56 N-D '61.
Hemodynamic changes in renal and ureteral diseases in connection with surgical treatment [with summary in English]. M. A. Trunin. Urologiia no. 6:14-20 '61.
Usefulness of Starr's formula for calculating the stroke and minute volume of the blood [with summary in English]. G. A. Glezer. Kardiologiia 2 no. 2:88-90 Mr-Ap '62.

BLOOD—CIRCULATION, DISORDERS OF
Disorder of water-mineral metabolism and hemodynamics in acute gastrointestinal diseases in infants and problems in their treatment. N. V. Vanikov. Pediatriia no. 4:28-34 '62.
Hemodynamic disorders in radiotherapy. A. S. Smagulov, S. B. Baimukhanov. Zdrav. Kazakh. 22 no. 2:24-29 '62.

BLOOD—COAGULATION
Comparative study of the action of polyglucin of various molecular weights on the course of acute radiation sickness. Report No. 1: Effect of polyglucin infusions on some blood coagulation indices and hemotopoietic processes. A. A. Bagdasarov and others. Probl. gemat. i perel. krovi no. 4:3-8 '62.
Effect of excitation of the cerebral cortex and reticular formation on the rate of blood coagulation, factor V content and change in the electrical activity of the brain. A. A. Markosian, G. A. IAkunin. Fiziol. zhur. 48 no. 3.271-278 Mr '62.
Pathogenesis of increased coagulability of the blood in acute hemorrhage. D. M. Zabairov. Vop. med. khim. 8 no. 2:177-181 Mr-Ap '62.
Role of the liver in the blood coagulation system. V. D. Kiknadze, A. I. Abesadze, F. P. Dolidze. Pat. fiziol. i eksp. terap. 5 no. 6.61-62 N-D '61.
She cut her finger. Zdorov'e 8 no. 4:14-15 Ap '62.

BLOOD—COLLECTION AND PRESERVATION
Transfusion of dry plasma following prolonged periods of preservation. G. B. Gavrilov, R. A. Geshvantner. Probl. gemat. i perel. krovi no. 4:50-51 '62.

BLOOD—COLOR AND COLORING MATTER see Blood—Pigments

BLOOD—DISEASES
Clinical and anatomical parallels in diseases of the blood system. K. V. Sokolova. Vop. pat. krovi i krovoobr. no. 5:95-103 '59.
Disorders in the composition of the peripheral blood developing as a result of the therapeutic use of phthivazide. V. D. Goldshtein. Probl. gemat. i perel. krovi no. 4: 29-32 '62.
Significance of the various forms of lymphocytes in clinical hematological diseases. M. A. Bazarnova. Probl. gemat. i perel. krovi no. 4:21-25 '62.

BLOOD—EXAMINATION
Changes in the blood in sodium nitrite poisoning. S. K. Kidraliev. Trudy Semipal. med. inst. 2 102-105 '59.
Characteristics of the hemogram in compensated and decompensated chronic tonsillitis. V. S. Moshkevich. Izv. AN Kazakh. SSR. Ser. med. i fiziol. no. 2:3-6 '61.
Comparison of data of Vaidman's and Lepp's endothelial tests. O. P. Mel'nikova, N. A. Fedorovskaia. Vop. pat. krovi i krovoobr. no. 5:91-94 '59.
Evaluation of the action of butadione in rheumatism and infectious arthritis with special reference to the results of a blood examination. S. A. Podlipalina. Zdrav. Kazakh. 22 no. 2:31-36 '62.

BLOOD—MICROBIOLOGY
Action of ultrasonic waves on microorganisms during the sterilization of blood preparations. V. M. Malkina. TSitologiia 4 no. 1:81-83 Ja-F '62.

BLOOD—OXYGEN CONTENT
Effect of oxygen therapy on external respiration and arterial blood oxygen saturation in chronic pulmonary cardiac insufficiency [with summary in English]. M. N. Malova. Sov. med. 25 no. 1:39-43 Ja '62.
Physiological study of the degree of special training acquired by sports divers. V. P. Ponomarev. Teor. i prak. fiz. kul't. 25 no. 4:44-49 Ap '62.

BLOOD—PIGMENTS
Modification of blood smears according to Pappenheim. A. P. Kazarov. Izv. AN Arm. SSR. Biol. nauki 15 no. 3: 99-100 '62.
Semiconducting properties of blood pigments. A. T. Vartanian. Dokl. AN SSSR 143 no. 6:1317-1320 Ap '62.

BLOOD—SEDIMENTATION
Sedimentograms and electrophoretic recordings in two cases of multiple myeloma. P. I. Popkova. Vop. pat. krovi i krovoobr. no. 5:82-90 '59.

BLOOD—SERUM see Serum

BLOOD—TRANSFUSION
Ayedisov, S. S., and L. V. Orlovskii. [A powerful remedy; blood transfusion] Mogushchestvennoe lechebnoe sredstvo; perelivanie krovi. Moskva, In-t sanitarnogo prosv. M-va zdravookhraneniia SSSR, 1961. 28 p. (V pomoshch' lektoru)
(DNLM)
Blood transfusion in the compound treatment of tuberculosis of the lungs. E. V. Grigorovich, D. B. Reznik. Probl. tub. no. 3:114-115 '62.
Effect of hibernation and hypothermia on the course of hemotransfusion shock in an experiment [with summary in English]. K. D. Eristavi, T. O. Zhvania, G. IA. Odishvili. Pat. fiziol. i eksp. terap. 5 no. 6:30-33 N-D '61.
Intra-arterial blood infusion in urological operations. G. A. Khazanov. Urologiia no. 6:26-28 '61.

BLOOD — TRANSFUSION (Continued)

Intra-arterial transfusion of blood in obstetrical practice, according to data from the maternity homes in Gorkiy. L. P. Zagriadskaia Shor nauch. rab. Kaf akush. i gin GMI no. 2 60-62 '60.

Introduction of the method of intra-arterial blood infusion into the practice of Consolidated Maternity Home No 5 in Gorkiy G P. Molorova. Shor nauch rab. Kaf. akush i gin GMI no 1 111-114 '60.

Post-transfusion complications caused by the transfusion of Rh-incompatible blood [with summary in English]. O. V. Vinogradskii. Sov. med. 25 no 1:3-7 Ja '62.

Transfusion of dry plasma following prolonged periods of preservation. G. B. Gavrilov, R. A. Geshvantner. Probl gemat. i perel. krovi no 4:50-51 '62.

Treatment of wounds and ulcers with delayed healing by intra-arterial transfusions of leucocytes P N Denbenev. Nov. khir. arkh no. 3 8-13 '62.

BLOOD AS FOOD OR MEDICINE

Treatment of varicose trophic ulcers of the lower extremities with hemolyzed blood in the polyclinic. S.N.Genyk. Nov. khir. arkh. no. 3:13-14 '62.

Using blood protein of slain animals in the production of dietetic cheeses V. I. Riabkovskii Trudy AZVI 9: 287-290 '56.

BLOOD DONORS

Donor's day at a diesel locomotive factory S I. Svetlov Med sestra 21 no. 4.60 Ap '62.

For the sake of a comrade's life. Starsh -serzh no 4: 38 Ap '62.

BLOOD GROUPS

Group differentiation of human fetuses (isoserological systems ABO, MNSs, P, and Rh). M. A. Bronnikova and others. Sud. -med. ekspert 5 no. 1:31-37 Ja-Mr '62.

BLOOD PLASMA SUBSTITUTES

Comparative evaluation of different methods of administering aminokrovin in treating hypotrophy in children. R. D. Shumkova. Pediatriia no. 4:12-14 '62.

Liver function following infusion of protein blood substitutes (LSB and BK-0) N A Messineva, N D. Garin, E. V. Karaseva Khirurgiia 37 no 7:130-132 Jl '61.

Therapeutic effectiveness of a new colloidal plasma substitute solution prepared from gelatine. L. G. Bogomolova, T. V. Znamenskaia. Probl. gemat. i perel. krovi no. 4:32-37 '62.

BLOOD PLATELETS

(see also subdivision under Fruneze)

Change in the thrombocyte composition of the blood in oxygen deficiency in animals with radiation sickness. N. A. Shelkovskii. Trudy Semipal. med. inst. 2.106-112 '59

Changes in the thrombocyte composition of the blood following denervation of the cardioaortic zone N K. Shelkovskaia. Trudy Semipal. med. inst 2:113-117 '59.

Use of a thrombocyte mass in thrombocytopenic conditions [with summary in English]. P. M. Al'perin, I. A Zherebtsov. Klin. med. no. 8:30-42 '61.

BLOOD PRESSURE

Arterial pressure in young people [with summary in English] P. V. Spirina. Sov. med. 25 no. 1:55-58 Ja '62.

Blood pressure reaction to the intra-arterial and intravenous administration of adrenaline in experimental hyper- and hypothyroidism. V. S. Sumbaev. Pat. fiziol. i eksp. terap. 5 no. 6:57-58 N-D '61.

Clinical and anatomical parallels in asymmetries of temporal arterial pressure [with summary in French] I. A. Areshnikova. Zhur nevr i psikh. 62 no. 1:24-27 '62.

Dynamics of the blood pressure of pregnant women according to data from the Semipalatinsk Maternity Home during 1954 to 1955. L. Kazakova, L. Penner, M. Ospanova. Trudy Semipal. med. inst. 2:193-201 '59.

Method for measuring pressure in the temporal arteries and the problem of regional cerebral hypertension [with summary in English]. S. M. Slinin. Sov. med. 25 no. 1: 50-55 Ja '62.

Reflexes from the sinocarotid zone on venous pressure and blood deposition in the spleen. I. P. Krichevskaia, E. G. Skipina. Izv. AN Kazakh. SSR. Ser. med. i fiziol. no. 1:05-09 '61.

X-ray determination of the degree of pulmonary hypertension in patients with mitral stenosis. G. M. Solov'ev. I. Kh. Rabkin. Klin. med. no. 9:79-82 '61.

BLOOD PRESSURE, HIGH see Hypertension

BLOOD PRESSURE, LOW see Hypotension

BLOOD PROTEINS

Blood protein fractions in myocardial infarction [with summary in English]. B. A. Ontkienko. Sov med. 25 no. 1:34-39 Ja '62.

Change in the protein blood fractions in animals under the influence of dysenteral toxins. L. A. Alimova. Med. zhur. Uzb. no. 2:25-29 F '62.

Changes in serum proteins and protein fractions in rheumatic fever. E. L. Bollaeva. Vop. pat. krovi i krovoobr. no. 5:183-185 '59.

Comparative examination of the electrophoretic changes in the blood serum proteins and the morphological changes in liver tissue in inflammatory processes of the gallbladder and bile ducts [with summary in English]. B. S. Kaplanskii. Khirurgiia 37 no.7:39-47 Jl '61.

Dynamics of serum protein fractions in acute hepatitis. O. D. Grigor'eva Vop. pat. krovi i krovoobr. no 5, 69-81 '59.

Dynamics of the restorative process in infectious nonspecific (rheumatoid) polyarthritis during compound health resort treatment according to data on the clinical aspects of the disease and some laboratory data (protein fractions in the blood serum and detailed erythrocyte sedimentation reaction). M. S Belen'kii, E M. Rybchinskaia, R. O Rukhel'man. Zdravookhranenie 5 no 1, 30-35 Ja-F '62

Electrophoresis of protein fractions of the blood serum, phagocytosis and tuberculin allergy in tuberculous meningitis in children. IU. S Ivanovskii. Probl. tub. no. 3:104-111 '62.

Inclusion of cysteine S^{35} into liver and blood serum proteins in toxic hepatitis produced by the action of some chemical substances used in industry [with summary in English]. P. G Garkavi Biul eksp. biol i med 3[i e. 53] no. 3:50-52 Mr '62

Protein and protein fractions in the blood serum of normal cats. I. A. Il'inskii. Fiziol zhur. 48 no. 3 335-336 Mr '62.

Protein fractions in the blood in chronic pyelonephritis. K. A. Velikanov. Urologiia no. 2:3-6 '62.

Protein fractions in women with late toxicoses of pregnancy IE P. Hrichennikov Ped., akush i gin 23 no. 3:61 '61

Protein spectrum of the blood plasma in the clinical aspects of hepatocholecystitis in children L. II. Hlovina'ka. Ped., akush i gin. 23 no. 6:18-20 '61.

Significance of the specific sensitization of the body in the process of protein resorption from tissues [with summary in English]. B. M. Segalovich, G. G. Melkumova. Biul. eksp. biol. i med. 53 no. 4:84-87 Ap '62.

Total protein and protein fractions in the blood serum in some acute surgical diseases of the organs of the abdominal cavity of an inflammatory nature. S. A. Karpluk. Nov. khir. arkh. no. 3.65-70 '62.

BLOOD SUGAR

Blood sugar change under the influence of cyanides and alcohol following their separate and combined action. S. N. Shitsyn. Farm. i toks. 25 no. 1:113-114 Ja-F '62.

Effect of hormonal factors on the blood sugar level in lower monkeys [with summary in English]. IU. P. Butnev. Biul. eksp. biol. i med. 3[i e. 53] no 3 46-50 Mr '62.

BLOOD TUMOR see Hematoma

BLOOD VESSELS

Arterial hypertension and the vascular system. V. A. Val'dman. Vop pat. krovi i krovoobr. no 5.186-210 '59.

Arteriosclerosis and the vascular system. V. A. Val'dman. Vop. pat. krovi i krovoobr no. 5:109-118 '59.

Catheterization of some blood vessels in rabbit and cat experiments. S. A. Soleznev. Fiziol. zhur. 48 no. 3: 363-371 Mr '62.

Conditioned and unconditioned reflex control of the blood vessels in latent focal infections and rheumatic fever. E. I. Bollaeva. Vop. pat. krovi i krovoobr no. 5.30-44 '59.

Interrelation of the vascular and nervous systems. V. A. Val'dman Vop pat. krovi i krovoobr no. 5:11-18 '59.

Pathomorphology of the vascular system in acute radiation injury [with summary in English]. N. E. IArygin, G. M. Nikolaev. Arkh. pat. no. 8:24-32 '61.

Reaction of animal blood vessels to the action of Ziziphora Bunge preparations Report No. 7. F D. Dzhumagalieva. Izv. AN Kazakh. SSR. Ser. med. i fiziol. no. 1:66-70 '61.

Role of blood vessels in pathology. V. A. Val'dman. Vop. pat. krovi i krovoobr. no. 5:3-10 '59.

BLOOD VESSELS—PERMEABILITY

Use of radioactive sodium for the purpose of determining the permeability of the vessels in some forms of occupational diseases of the nervous system [with summary in English]. M. B. Ryzhkova and others. Gig. truda i prof. zab no. 4 32-35 '62.

BLOOD-VESSELS—RADIOGRAPHY see Angiography

BLOOD VESSELS—SURGERY

Apparatus for suturing the blood vessels in restored blood circulation. V. I. Pronin, N. B. Dobrova. Grud. khir. no. 2:100-102 '62.

Introduction of the mechanical suture in operations on the large blood vessels. A. M. Geselevich, N. S. Gorkin, B. A. Smirnov Grud. khir. no. 2:93-94 '62.

BLOOD VESSELS—TRANSPLANTATION

Method for mechanical suturing of a vascular transplant to the wall of the heart with an apparatus designed by the authors. M. G. Sirotkina, S. V. Ryneiskii, IU. I. Morozov. Grud. khir. no. 2:94-100 '62.

BLOOD VESSELS—WOUNDS AND INJURIES

Dynamics of the formation of the intermediate substance following injury to the intima of the large vessels [with summary in English]. Go Zhen'-iui [Kuo Jên-yü]. Arkh. anat. gist. i embr. 40 no. 5:74-81 My '61.

BLUEPRINTING—EQUIPMENT AND SUPPLIES

Use of RKS-2 5 lamps in the UF-4 blueprinting machine. I. K. Kotov. Svetotekhnika 8 no. 4:24 Ap '62.

BLYAVA REGION—STRIP MINING

Study of the stability and determination of safe angles of levelled-off sides of the Blyava open-pit mine. IU. I Turintsev, V. I Zobnin, G. P. Bakhareva Izv vys ucheb zav., gor zhur 5 no 2 97-101 '62.

BOARDING SCHOOLS

(see also subdivision under Kalinin, Petrozavodsk)

Boarding school settlements. A. Kondratenkov. Shkola-int no 2 77-79 Mr-Ap '62.

Hand in hand I. Kochetova Shkola-int. no. 2 70-73 Mr-Ap '62

Independent work should be creative IA. Vizgred. Shkola-int no 2,73-74 Mr-Ap '62

Law of your life V. Klushnikov. Shkola-int no 2: 15-20 Mr-Ap '62

Let's develop independent work of children in their studies in every way possible R. Zhuravleva Shkola-int no. 2,67-70 Mr-Ap '62.

Some basic suggestions. A. Filatov Shkola-int. no 2 75-76 Mr-Ap '62

Word and deed. IA. IAmov. Shkola-int no 2:90-92 Mr-Ap '62

Work training of children A. Shestel' Shkola-int. no 2:38-40 Mr-Ap '62.

BOARDING SCHOOLS—BIBLIOGRAPHY see Bibliography—Boarding schools

BOATBUILDING

Motorboat "Shark" Sudostroenie 28 no. 4.38-40 Ap '62

"PK-19" cutter. Sudostroenie 28 no. 3 34-39 Mr '62.

BOATBUILDING—BIBLIOGRAPHY see Bibliography—Boatbuilding

BOCHAROV, ARKADII ALEKSEEVICH, 1901-

Sixtieth birthday of Professor A A. Bocharov Vest khir no. 4.143-144 '62

BODAYBO—MASSACRE, 1912

A fusillade that awoke our country, on the 50th anniversary of the "Massacre of the Lena" A Veshchikov Agitator no 6 30-31 Mr '62.

Lena, 1912. N. Aleksandrova Starsh.-serzh. no 4:20 Ap '62.

Reactions of Bolshevik organizations to the "Lena massacre", a review of the materials of the Central Archives of the October Revolution from 1013 to 1016. L. M. Shalaginova. Vop. ist. KPSS 6 no. 2:175-180 '62.

BODY, HUMAN see Anatomy, Human

BODY FLUIDS

Characteristics of humoral agents forming under the influence of ionizing radiation. A. G. Sverdlov. Pat. fiziol i eksp terap. 5 no. 6:63-64 N-D '61.

Effect of dehydration of the body on the exocrine function of the pancreas in the dog M. V. Enikoev. Med. zhur Uzb. no 2:62-65 F '62.

BODY TEMPERATURE

Thermographic observations in patients with subfebrile temperatures V. N. Koz'mina-Sokolova. Vop pat. krovi i krovoobr. no. 5:65-68 '59

Thermographic observations in rheumatic fever and focal infections. R. S. Ivanov. Vop. pat. krovi i krovoobr. no. 5:45-[illegible] '59

Thermoregulation. V. N. Koz'mina-Sokolova. Vop. pat. krovi i krovoobr. no. 5:58-64 '59.

BODY TEMPERATURE—REGULATION

Some concepts connected with the study of thermoregulation [with summary in English]. I. A. Shilov. Zool. zhur. 41 no. 4:491-497 Ap '62.

BODY WEIGHT

Changes in the active body mass and fat reserve in female gymnasts during training courses of different intensity. J. Parizkova. Teor. i prak. fiz. kul't. 25 no. 4:37-40 Ap '62.

Dynamics of weight in gastrointestinal diseases in infants. O. I. Snitsur Ped., akush i gin. 23 no 3,35-38 '61.

What "put on weight" means. A. N. Kabanov. Zdorov'e 8 no. 3:4-5 Mr '62.

BOGAEVSKII, KONSTANTIN FEDOROVICH, 1872-1943

Barsamov, N. S. Bogaevskii, Moskva, Iskusstvo, 1961. 53 p. 32 plates. (MH)

BOGATYREVA, MARIIA GAVRILOVNA

Feldsher M. G. Bogatyreva. G. P. Kozlov. Fel'd. i akush. 27 no. 3:56-57 Mr '62.

BOGAYEVSKIY DISTRICT—SOILS—MICROBIOLOGY

Effect of irrigation on the microbiological characteristics of Ciscaucasian Chernozems. V. N. Bylinkina. Trudy Vses. inst. sel'khoz mikrobiol. no 14:34-46 '58.

BOHEMIA—RUSSIAN LITERATURE

Russian books among the Czechs during the period of their national renaissance. A. S. Myl'nikov. Kniga;Issl. i mat. 5:271-293 '61.

BOILERS

Blocks with 150 and 200 Mw. power rating Energetik 10 no. 4:1-4 Ap '62.

In the factories. Prom. energ. 17 no. 4:46-47 Ap '62.

Increase in the efficiency of the level at which fuel and power resources are being utilized. M. P. Kharchenko, L. I. Tokarev Prom. energ. 17 no 4:1-4 Ap '62

Increase in the evaporative capacity of boilers IA I. Vainshtein, N M Fadina. Energetik 10 no 4 13-16 Ap '62

Indices of fire-resistant substances for lining boiler furnaces Energetik 10 no. 4:40 Ap '62

Litvinenko, P A. [Training of stokers of industrial and heating boiler rooms operating on gas fuel, a textbook on methods] Podgotovka kochegarov promyshlennykh i otopitel'nykh kotel'nykh, rabotaiushchikh na gazovom toplive, metodicheskoe posobie. Moskva, Vses. uchebno-pedagog izd-vo Profizdat, 1961 199 p

Margulova, T. Kh. [Design and calculations of steam generators of atomic electric power plants] Rashchet i proektirovanie parogeneratorov atomnykh elektrostantsii. Moskva, Gosenergoizdat, 1962. 143 p.

The PKN-18 boiler unit with vertical water pipes. Prom. energ. 17 no. 4:54-55 Ap '62.

Some problems in the assembly of boiler units. I. A Zmievskii, E. A Egoshin Energ. stroi no. 24 65-73 '61.

Use of louvered separators in the internal system of steam boiler drums IU. L. Sorokin Energomashinostroenie 8 no. 4:11-14 Ap '62.

BOILERS—FIRING

First high-capacity electric power plant using oil shales as fuel B. P. Mgaloblev Energ stroi no 24 11-15 '61

BOILERS—HANDBOOKS, MANUALS, ETC.

Melikian, M. V. [Brief manual on steam boilers] Kratkii spravochnik po parovym kotlam. Moskva, Gos. energ. izd-vo, 1961. 102 p.

BOILERS—TESTING

Methodology for treating the test results of waste-heat boilers. P. IA. Timokhin. Prom. energ 17 no. 4:12-16 Ap '62.

Testing of a small economizer for boilers fired with anthracite fines under a system of upward gas flow. V. A. Lokshin, L. I. Pavlenko, S. S Taravkov. Teploenergetika 9 no 5:10-15 My '62.

BOILERS, MARINE

Automatic control of the auxiliary boiler on the motorship "Kharbin." N. Kokuroshnikov. Rech. transp. 21 no. 3: 26-28 Mr '62.

TSigler, V. D. [Refractory materials for lining steam boiler fireboxes on ships] Ogneupornye materialy, primeniaemye dlia kladki topok parovykh kotlov na morskikh sudakh. Moskva, Izd-vo "Morskoi transport," 1962. 81 p. (Bibliioteka sudovogo mekhanika morskogo flota)

BOILERS, MARINE—MAINTENANCE AND REPAIR

Protecting the brickwork of marine combustion chambers by andesite-basalt L. I Koren', A. M. Struchkov. Sudostroenie 28 no. 4 54-55 Ap '62.

BOISSIEU, JEAN JACQUES, 1736-1810

Realistic tendencies in J J Boissieu's engravings [with summary in French]. M. D. Dvorina. Trudy Gos. Erm. 6 no. 2:320-345 '61.

BOLNISI DISTRICT—ALBITOPHYRES

Albitophyres and quartz albitophyres of Bolnisi District. O. Z. Dudauri. Soob AN Gruz. SSR 26 no. 1:57-64 Ja '62

BONE GRAFTING

Bone homoplasty in children in conditions of suppurative infection [with summary in English]. A. F. Zverev, N P Lapshina Vest. khir no 4 60-66 '62.

Evaluation of the late results of osteoplastic fixation of the spine in children and adolescents using auto- and homotransplants [with summary in English] E K Nikiforova. Vest. khir. no. 4 55-60 '62.

X-ray observation of the regeneration of a bone homotransplant in chronic lead-poisoning in an experiment E Abdrakhmanov Trudy Semipal. med inst 2 49-52 '59

BONES

Effect of lead-poisoning on the structure of the bony skeleton K Ch. Chuvakov Trudy Semipal med inst. 2 18-48 '59.

BONES—DISEASES

Data from histological studies in Koenig's disease [with summary in English]. B. K. Bezprozvannyi, S. K. Zubarchuk Vest. rent i rad. 37 no. 2 37-42 Mr-Ap '62.

Lesion of the eyes in marble disease (Albers-Schönberg disease) [with summary in English]. L. A. Dymshits and others. Vest. oft. no. 2:52-55 '62.

[Multivolume manual on pathological anatomy] Mnogotomnoe rukovodstvo po patologicheskoi anatomii. Otv. red. A. I. Strukov. Moskva, Medgiz.

Vol. 6. [Pathological anatomy of diseases of the osteoarticular system, muscles, and tendons] Patologicheskaia anatomiia boleznei kostno-sustavnoi sistemy, myshts i sukhozhilii. Red. toma T. P. Vinogradova. 1962. 518 p. (DNLM)

BONES—TUBERCULOSIS

Is it possible for an articular fissure to expand in osteoarticular tuberculosis? [with summary in English]. V. P. Gratsianskii, V. A Talmntov. Vest. rent. i rad. 37 no. 2:26-29 Mr-Ap '62

Surgical treatment of osteoarticular tuberculosis [with summary in French]. E. N Stanislavleva Probl. tub. no. 3:22-26 '62.

BONUS SYSTEM

Bonuses for managerial and engineering personnel and technicians. V Barokhmanskii. Sots. trud 7 no. 1 125-127 Ja '62.

Our consultation. Sov profsoiuzy 18 no. 2:46-47 Ja '62.

Struggle for quality of production and the bonus system at the "Udarnitsa" Factory. V. Klapovskii. Sots. trud 7 no. 1 111-115 Ja '62

BOOK DESIGN

Ways to new forms; problems in Soviet book designing. A. D. Goncharov, V. N. Liakhov. Kniga, Issl i mat. 5: 129-147 '61.

BOOK ILLUSTRATION see Illustration of books

BOOK TITLES see Titles of books

BOOKS

Chronicle of the literature of bibliology. Kniga, Issl. i mat 5:372-382 '61.

BOOKS—HISTORY

Five volumes of the periodical "Kniga." I. IA. Kaganov. Sov. bibl. no. 1:39-48 '62.

BOOKS—PERIODICALS—INDEXES

Index to the articles published in the first five issues of "Kniga." Kniga, Issl. i mat. 5.421-424 '61.

BOOKS—PRICES

Soiuzkniga. Vsesoiuznoe ob"edinenie knizhnoi torgovli. [Belles lettres; a catalog and price list for buying and and rare books] Khudozhestvennaia reiskurant na pokupku i prodazhu ntikvarnykh knig. Moskva, Izd-vo ly, 1961. 562 p.

Novyi mir 38 no. 1:279-285 Ja '62,

] Let. rets. no. 1 '62.

see Reference books

see Children's literature

ie Prayer books

OOKSELLING

i under Moscow)

norandum for a book peddler]

, Moskva, Gos. biblioteka SSSR

3, 12 p.

ee Algebra, Boolean

i inversion of arguments. E. I. Ne-

, no. 7:115-126 '62.

STRY see Shoe industry

BBER see subdivision under

BOOTS AND SHOES, RUBBER—TESTING

Determining the toe stiffness of miner's boots. D. L. Fediukin, N. V. Zakharenko, N. I. Orekhova. Kauch. i rez. 21 no. 3:56-57 Mr '62.

BORATES

Conditions governing the formation and change of hypogenetic borates. G. M. Utekhin. Trudy VSEGEI 60:67-91 '61.

BORAZINE

Organoboron compounds Report No. 95. Synthesis of B-alkyl-B-dialkylmercapto derivatives of borazole and some of their conversions B. M. Mikhailov, A. F. Galkin. Izv. AN SSSR Otd. khim. nauk no 4 619-623 Ap '62.

BORDER PATROLS

With a camera on the frontiers of the motherland L. Raskin. Sov. voin 44 no. 8 37-40 Ap '62

BORIC ACID

Organoboron compounds. Report No. 97: Action of diborane on esters of dialkyl boric acids. B. M. Mikhailov, L. S. Vasil'ev. Izv. AN SSSR Otd. khim. nauk no. 4:628-634 Ap '62.

BORINE

Synthesis of methylaminotrifluoroborine, its properties and the kinetics of hydrolysis. I. G. Ryss, S. L. Idel's Izv vys. ucheb zav ,khim i khim. tekh 5 no. 1:70-74 '62.

BORING

(see also subdivision under Czechoslovakia, Gornaya Shoriya; Komsomol'skoye region, Donetsk Province, Krivoy Rog Basin; Vakhsh Valley)

Approximate method of determining an efficient distance between ventilation holes IU I. Smirnov, M. I. Fazliullin Izv. vys. ucheb. zav. ;geol. i razv 5 no. 3:123-130 Mr '62.

Contest for the best idea for the mechanization of boring operations in prospecting. Razved. i okh nedr 28 no. 3 64 Mr '62.

Extra-deep boring in the U. S. S. R. A. Sh. Bogdanov, A. K. Atiakin, N. N. Litvinov Razved. i okh nedr 28 no. 3 61-63 Mr '62.

Mechanized unscrewing of drilling rods in rotary drilling V. S. Shevadzuiskii, D. F. Teslin. Razved i okh nedr 28 no. 4 43-44 Ap '62

BORING—ELECTRONIC EQUIPMENT

Electronic device for measuring the deflection of boreholes. A. F. Ponomarchuk. Razved. i okh. nedr 28 no. 3 59-61 Mr '62

BORING—EQUIPMENT AND SUPPLIES

Karaev, M. A. [Drill pumps for test drilling] Burovye nasosy strukturno-poiskovogo burenila. Baku, Azerbaidzhanskoe gos. izd-vo, 1961. 112 p.

Parameters of the supersonic gas jet in thermal drilling A. V. Brichkin, N. P Belenko, B. F. Sheratiuk. Izv vys ucheb. zav. ,gor. zhur. 5 no. 1:90-97 '62

BORING—TECHNOLOGICAL INNOVATIONS see Subdivision under Krivoy Rog Basin

BORING MACHINERY

Automatic control of rigs for drilling holes. V. T Zagorodniuk. Izv. vys. ucheb. zav. ,gor. zhur 5 no 1:144-150 '62.

Causes of scorings in cylindrical air drills. N. T. Nered, G. N. Savin. Trudy Inst. gor. dela AN Kazakh. SSR 8:116-121 '61.

Determining axial pressure in rotary screw drilling R. A Katanov. Izv. vys. ucheb. zav. , gor zhur no. 3.109-115 '61.

Method of calculating the economic efficiency of new drilling equipment. B. E. Evdokimov, D. L Kogan Razved. i okh. nedr 28 no. 4 25-30 Ap '62.

New bits for air- and -percussion drilling. S. G. Kaloshin, M. P. Sokolov. Trudy Inst. gor. dela AN Kazakh. SSR 9:92-101 '61.

Organization and technical methods and equipment for making drilling tools at the Mirgalimsay Mine. L. G. Verzhbitskii. Gor. zhur. no. 4:55-57 Ap '62.

BORING MACHINERY—COOLING

Use of a circulating-type cooling system for thermal drilling rigs. A. N. Moskalev. Izv. vys ucheb. zav. , gor. zhur. no. 3:93-96 '61.

BORING MACHINERY—ELECTRIC DRIVING

Determining the power on the shaft of an electric motor in rotary drilling. A. S. Karachev. Izv. vys. ucheb. zav. , gor. zhur. no. 3 97-104 '61.

BORING MACHINERY—PATENTS

Working part for rotary percussive hole boring. P. V. Begrov. Biul. TSIICHM no. 9:59 '60

BORING MACHINERY—PNEUMATIC DRIVING

Standardizing operations in drilling with pneumatic percussion drills. B. A. Gornovoi. Izv. vys. ucheb. zav ; gor. zhur. 5 no. 1:80-83 '62.

BORING MACHINERY—TESTING

Some test results of cast core bits G. P. Panasenko and others. Razved. i okh. nedr 28 no. 3:22-26 Mr '62.

BORISOV, LEONID IL'ICH, 1897-

Document, imagination, conjecture. Leonid Borisov. Vop. lit. 6 no. 4 140-147 Ap '62.

BORON

(see also subdivision under Tajikistan; Ural Mountains)

Alloying with boron heat-resistant austenitic steels, alloys and weld joints in the limits of 0, 3 - 1, 5%. B. I. Medovar and others. Avtom. svar. 16 no. 5-8-17 My '62.

Conditions governing the localization of the endogenous boric mineralization in iron ore metasomatic deposits E. E. Mikel'son. Trudy VSEGEI 80 95-100 '61.

Some chemical properties of magnesium boride and their role in the preparation of elementary boron by the magnesium - thermal method L. IA. Markovskii, G. V. Kaputavskaia. Zhur. prikl khim 35 no 4 723-729 Ap '62.

Use of geochemical and geophysical methods in prospecting for boron V. I. Barsanov, V. L. Barsukov Zakonom razm polezn iskop. 2:495-502 '59

BORON—ANALYSIS

Methods for the quantitative determination of silicon, phosphorus, and boron in boron-containing and phosphorus-containing organosilicon compounds. A. P. Kreshkov, D. A. Kazateev, V. Finat. Plast. massy no. 3:63-65 '62.

BORON COMPOUNDS

Synthesis of sodium tetraphenylboron in a tetrahydrofuran medium. Kh. Khol'tsapfel', Zhur. ob. khim. 32 no 4 1358-1359 Ap '62.

BORON HYDRIDES

Organoboron compounds. Report No. 96: Reactions of 1, 2-diaryldiboranes with primary amines. B. M. Mikhailov, V. A. Dorokhov. Izv AN SSSR, Otd. khim. nauk no. 4 623-627 Ap '62.

Organoboron compounds Report No 97 Action of diborane on esters of dialkyl boric acids. B. M. Mikhailov, L. S. Vasil'ev. Izv. AN SSSR. Otd khim. nauk no. 4 628-634 Ap '62.

BORON NITRIDE—SPECTRA

Mass spectrometric study of the composition of vapor over zirconium, titanium, and boron nitrides. P. A. Akishin, IU. S. Khodeev. Zhur. neorg. khim 7 no. 4, 941-942 Ap '62

BORON ORGANIC COMPOUNDS

Organoboron compounds. Synthesis of some fluoroalkyl derivatives of boron. V. F. Gridina, A. L. Klebanskii, V. A. Bartashev. Zhur. VKHO 7 no 2 230-231 '62.

BORONIC ACID

Polyesters and polymeric salts of boronic and 1, 4-benzenediboronic acids [with summary in English]. V. V. Korshak and others. Vysokom. soed. 4 no. 2 188-191 F '62.

BOROSILICATES

(see also subdivision under Kazakhstan)

Hysterogenic conversions of some borosilicates. G. M. Utekhin. Trudy VSEGEI 80 121-125 '61.

BOSPORUS, CIMMERIAN (KINGDOM) see Cimmerian Bosporus (Kingdom)

BOSTANDYK DISTRICT—AGRICULTURAL EXPERIMENT STATIONS

Bostandyk Plant Breeding Station for fruit culture and viticulture in mountainous regions. S. S. Kalmykov, M. K. Sabirov. Vest. sel'khoz. nauki 7 no. 2 143-147 F '62.

BOTANICAL GARDENS see subdivision under Tomsk

BOTANICAL RESEARCH

The future of a modest alga. V. Pinevich. Neva no. 1 214-215 '62.

BOTANY see subdivision under Lithuania; Uzbekistan

BOTANY—PHYSIOLOGY see Plant physiology

BOTANY—STUDY AND TEACHING

Rozhdestvenskii, V. P. [Practical exercises in botany] Prakticheskie zaniatiia po botanike. Izd. 2. Moskva, Gos. Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 302 p. (Uchebnik i uchebnye posobiia dlia sel'skokhoziaistvennykh tekhnikumov)

BOTANY—TERMINOLOGY

(see also subdivision under White Russia)

Vocabulary and the ways of formation of White Russian botanical terms. A. I. Kisialeuski. Pratsy inst. mov. AN BSSR no. 8 3-17 '61.

BOTANY, MEDICAL

New medicinal preparations. Sov. med. 25 no. 1 4 of cover Ja '62.

BOUCHARDON, EDME, 1698-1762

Two terra-cotta groups by Edme Bouchardon [with summary in French]. N. K. Kosareva. Trudy Gos. Erm. 6 no. 2 292-300 '61.

BOUCHER, FRANCOIS, 1703-1770

A new painting attributed to Francois Boucher [with summary in French]. I S Nemilova. Trudy Gos. Erm. 6 no. 2 301-311 '61.

BOUNDARY LAYER

Solution of the Mises equation for the boundary layer theory A. L. Dyshko Vych mat. no. 7 181-186 '61

Turbulent boundary layer of gas on a permeable wall S S Kutateladze, A I Leont'ev PMTF no. 1 51-60 Ja-F '62

BOUNDARY PATROLS see Border patrols

BOUNDARY VALUE PROBLEMS

Approximate method of solution of the Riemann-Hilbert problem in a multiply connected region L. S Klabukova Vych mat. no. 7 115-132 '61.

Asymptotic behavior of the solution to a boundary value problem for a system of first-order differential equations containing a small parameter with the derivative. V. A. Tupchiev. Dokl. AN SSSR 143 no 6 1286-1289 Ap '62.

Character of convergence in the Ritz method. N. A. Stadnikova. Vych. mat. no. 7 187-190 '61.

Collision of gas jets. N. N. Makeev Prik. mat i mekh. 26 no 2 308-315 Mr-Ap '62.

Heat conduction in a two-layered plate under boundary conditions of the third kind [with summary in English]. G. I. Pavlovskii. Inzh.-fiz. zhur. 5 no. 4 86-88 Ap '62.

Mixed boundary value problem for second-order elliptic differential equations having a small parameter. M. I. Freidlin. Dokl. AN SSSR 143 no. 6 1300-1303 Ap '62.

One boundary value problem with inverse translation in the class of generalized analytic functions. G. S. Litvinchuk. Sib mat zhur. 3 no. 2 223-226 Mr-Ap '62.

Theory of boundary value problems in regions with a degenerated contour for variational and partial differential equations. V. I. Kondrashov. Dokl. AN SSSR 143 no. 6 1266-1271 Ap '62

BOX ELDER

Problem of using box elder in shelterbelt afforestation, greenbelts, and parks. S. S. Golubinskii. Trudy TSSBS no 4, 23-30 '60.

BOXING

Precontest training of boxers. V. M. Romanov. Teor. i prak. fiz. kul't 25 no. 3 64-66 Mr '62.

BRACHIOPODA, FOSSIL

Two new Triassic rhynchonellid genera. A. S. Dagis. Paleont. zhur. no. 4 93-99 '61

BRAIN

"Atlas of the dog's brain" by O. S. Adrianov and T. A. Mering Reviewed by S. Blinkov. Zhur nevr. i psikh. 62 no. 1 157-158 '62.

Biosynthesis of sialic acids in the brain and the mucous membrane of the stomach [with summary in English]. Kh. P Lind Vop. med. khim. 8 no. 2 140-144 Mr-Ap '62.

Development of brain cells in lambs during the middle and late periods of uterine life A. Murzamadiev. Trudy AZVI 9 303-325 '56.

Development of the sulci and gyri of the human brain. Z. A. Potemkina. Trudy Semipal. med. inst. 2 143-152 '59.

Effect of hypothalamus and reticular formation of the midbrain on the electric activity of various layers of the cortex in radiation sickness. I. I. Kaburneeva. Radiobiologiia 2 no. 2 234-238 '62.

Effect of local anesthetics — mesocaine and xylocaine — on oxidative processes in the rat brain tissue. M. I. Kuzhman. Farm. i toks. 25 no. 1 98-103 Ja-F '62.

Effect of staphylococcal intoxication on the morphology of the cortex and subcortical formations in the central nervous system of dogs. M. Aleksandrovskaia. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. no. 9 174-182 '61.

Histochemical changes in the reticular formation of the brain stem of animals under the influence of aminazine and imizine. IU. IA. Geinisman. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. no. 9 168-173 '61.

Morphological changes of the central nervous system and penicillin therapy in staphylococcal infections. M. M. Aleksandrovskaia. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. no. 9 183-191 '61.

Resistance of muscle and brain tissues to the action of alternating agents in some representatives of vertebrate animals. Z. I. Barbashova, V. V. Vasil'eva. Fiziol. zhur. 48 no. 3 337-341 Mr '62.

BRAIN—BLOOD SUPPLY

Changes in the blood vessels of the brain in tuberculous meningitis [with summary in French]. K. A. Deli. Probl. tub. no. 3 94-100 '62.

Disorder of cerebral circulation in newborn infants depending on the state of health of the gravida and the course of labor; its prevention and treatment. A. N. Korolev. Sbor. nauch. rab. Kaf., akush. i gin. GMI no. 1, 120-123 '60.

Method for measuring pressure in the temporal arteries and the problem of regional cerebral hypertension [with summary in English]. S. M. Slinin. Sov. med. 25 no. 1 50-55 Ja '62.

Sequelae of the exclusion of Galen's vena cerebri magna in young animals N. S Volzhina. Arkh. pat. no 4 55-61 '62.

BRAIN—DISEASES

Case of toxic encephalopathy caused by helminthic infestation. V. A. Postovit. Ped. akush. i gin. 23 no. 6 28-29 '61.

Clinical and electroencephalographic studies of atrophic diseases of the brain [with summary in French]. E. IA. Shternberg, G. M. Frenkel', Zhur. nevr. i psikh. 62 no 1 114-124 '62

Thrombosis in the sinuses of the brain appearing in the puerperium V. A. Gusev, M. A. Moshnina, V. D. Troshin. Sbor nauch. rab. Kaf akush. i gin GMI no 2 75-77 '60

BRAIN—HEMORRHAGE

Hemorrhages into the brain in eclampsia. M. S. Solov'eva Sbor. nauch. rab Kaf, akush i gin. GMI no 1-65-67 '60

Spontaneous atypical isolated hemorrhages into the posterior cranial fossa [with summary in French] IA. M. Pavlonskii. Zhur. nevr i psikh. 62 no 1 36-39 '62

Subarachnoid hemorrhages in stenosis of the aortic isthmus. R. V. Mamichev, R. P. Svidovskaia Vest khir no 4 86-88 '62

Surgical treatment of hemorrhages into the cerebellum. V. G. D'iachkov, S. V. Rol'nik. Zhur. nevr i psikh. 62 no. 1 40 '62.

BRAIN—INFLAMMATION see Encephalitis

BRAIN—TUMORS

Smirnov, L. I. [Tumors of the brain and spinal cord] Opukholi golovnogo i spinnogo mozga. Moskva, Medgiz, 1962 186 p (DNLM)

BRAIN—WOUNDS AND INJURIES

Dynamics of changes in the electric rhythms of the cerebral cortex following lesions of the reticular formation of the brain stem. S. P. Narikashvili, E. S. Moniava. Soob. AN Gruz. SSR 28 no 1, 81-88 Ja '62.

BRAKES see subdivision under Moscow

BRAKES—TESTING

Temperature field in a disk brake. A. V. Chichinadze. Tron. i izn. mash. no 15 286-301 '62.

BRASS

Fractional method of determining pyrosphophates in a cyanide-free electrolyte for brass plating. E. A. Melamed, V. G. Kuz'mina. Kauch. i rez. 21 no. 4 49 Ap '62.

BRATSK HYDROELECTRIC POWER STATION

One moment of an era. Vasilii Rosliakov. Smena 39 no. 9 12-14 Ap '62.

Testing the scaffold bridge for the conveying of concrete at the Bratsk Hydroelectric Power Station. B. P. Markov. Gidr. stroi 32 no 4 12-14 Ap '62

BRATSK HYDROELECTRIC POWER STATION—DAMS

Concrete dams of the Bratsk Hydroelectric Power Station. N. A. Ogorodnikov. Gidr stroi. 32 no. 4 1-7 Ap '62.

Selecting the composition of the concrete for the dam of the Bratsk Hydroelectric Power Station. TS. G. Ginzburg, G. L. Gershanovich. Gidr. stroi 32 no. 4 8-11 Ap '62

BRATSK HYDROELECTRIC POWER STATION—DESIGN AND CONSTRUCTION

Increase of labor productivity is the basis of the struggle for communist labor. M. N Ogniskov Energ stroi. no. 25 7-10 '61.

BRATSK HYDROELECTRIC POWER STATION—EFFICIENCY, INDUSTRIAL

Struggling for communist labor I Peretolchin. Energ. stroi. no. 25 10-11 '61.

BRATSK HYDROELECTRIC POWER STATION—WAGES—CONSTRUCTION INDUSTRY

Organization of wages in the construction of the Bratsk Hydroelectric Power Station M. Ogniskov. Sots. trud 7 no. 1 120-123 Ja '62.

BRATSK HYDROELECTRIC POWER STATION REGION—ICE ON RIVERS, LAKES, ETC.

Laboratory investigations of the spring breaking up of ice and the summer discharge through passages in the dam of the Bratsk Hydroelectric Power Station. P. S. Lebedev, A. F. Kvardakov. Izv. vys. ucheb. zav., stroi. i arkhit. 5 no. 1 129-144 '62.

BRATSK RESERVOIR—INLAND WATER TRANSPORTATION

Tasks involved in the utilization for transportation purposes of the Bratsk Reservoir. A. Kazakov. Rech. transp. 21 no 4 34-36 Ap '62.

BRAZIL—BUDGET

Budget of Brazil S. Kosobchuk. Fin. SSSR 23 no. 4 82-87 Ap '62.

BRAZIL—HISTORY

History of the revolutionary struggle of 1935 in Brazil [with summary in English, p. 181]. B. I. Koval'. Nov. i noveish. ist. no. 2 15-28 '62.

BRAZIL — HISTORY (Continued)

"Recent history of Brazil, 1930-1959" by A N Glinkin Reviewed by S Mikhailov. Mezhdunar zhizn' 9 no. 5 132-136 My '62.

"The recent history of Brazil, 1930-1959" by A P. Glinkin. Reviewed by I. Lavretskii. Nov. i noveish. ist. no. 2·151-154 '62.

BRAZIL—RELATIONS (GENERAL) WITH RUSSIA

Good prospects. Sebastian de Oliveira Ersen. Kul't. i zhizn' 6 no. 2·35 '62.

BREAD

Fermentation preparations are the best means for the improvement of production quality V. V. Ionova, N. S Petrenko. Khleb. i kond. prom 6 no 4,22-25 Ap '62

New method of making the dough for Ukrainian bread. E. A. Kurakuzaki. Khleb i kond. prom 6 no 4:36-37 Ap '62.

System of making wheat bread dough in bin units. A. S. Grishin. Khleb. i kond prom 6 no 4:25-27 Ap '62

BREAST—CANCER

Compound treatment of neglected cancer of the mammary gland [with summary in English] V. P. Zolotsev. Vop. onk. 8 no 4·78-80 '62.

Heterogenic antigens of cancerous and normal human mammary glands. I S. Bashkaev, M N Boeva Vop onk. 8 no. 4 75-77 '62.

Reticulosarcoma with lesion of the internal sex organs and mammary glands [with summary in English] V. S. Turusov Arkh. pat. no. 4:65-68 '62.

Surgical and radiological castration in cancer of the mammary gland S. A Abol'nik. Vop. onk 8 no. 4 97-106 '62

BREAST—DISEASES

Clinical course of abscessing mastitis following the intracutaneous administration of penicillin at the focus of the disease A I Kotel'nikova Sbor. nauch rab. Kaf akush. i gin. GMI no 1 105-108 '60

Late results in the treatment of lactation mastitis by the intracutaneous administration of penicillin at the focus of the disease A I Kotel'nikova Sbor nauch rab. Kaf akush i gin GMI no 1 109-110 '60

Treatment and prevention of mastitis. P. G. Gattsuk. Fel'd i akush. 27 no 3,3-8 Mr '62.

Treatment of initial lactation mastits by the intracutaneous administration of penicillin at the focus of the disease A. I. Kotel'nikova. Sbor. nauch rab. Kaf. akush. i gin. GMI no 1 102-104 '60.

BREAST PUMP

New type of breat pump I. M. Starovoitov, N. I. Bohoslovskyi. Ped., akush i gin 23 no 3;52-54 '61

BREATHING see Respiration

BREATHING APPARATUS see Respirators

BRECCIA see subdivision under Turky Peninsula

BREMSSTRAHLUNG

Photoprotons from Rb, Pt, and Pb [with summary in English] V. G Shevchenko, B. A. IUr'ev. Zhur. eksp. i teor. fiz. 42 no. 3:707-712 Mr '62.

BRESLAU, POLAND—COMPLEX COMPOUNDS—CONGRESSES

Conference on the Chemistry of Complex Compounds in Wroclaw (Poland). Zhur neorg. khim. 7 no. 4:953 Ap '62

BREST—RUGS AND CARPETS

The rug factory in Brest. Z. Il'euski. Rab. i stal. 38 no. 1:8-9 Ja '62.

BREST—SPORTS

BRICKLAYING

Nosov, N. V. [We are improving the quality of brick masonry] Uluchshaem kachestvo kirpichnoi kladki. [Moskva] Mosk. rabochii, 1962. 31 p. (Stroiteli obmeni-valutsia opytom)

BRICKS—DRYING

Pusher for loading cars into a tunnel D. S. Mostagin. Stroi. i dor. mash 7 no. 3;35 Mr '62

BRIDGE CIRCUITS

Phase-sensitive bridge network using variconds V. T Zagorodniuk Trudy NPI 115 55-61 '61

BRIDGES—TRESTLES see Trestles

BRIDGES, ARCHED

Selection of the section of cross bars of coupled arches with a double curvature on the basis of stability calculations. IU V Krotov Stroi. mekh i rasch soor 3 no 6 17-22 '61

BRIDGES, CONCRETE

Evgrafov, G. K., and others. [Prestressed bridge girders with stretching of the reinforcement before the concrete is placed] Predvaritel'no napriazhennye balochnye proletnye stroeniia mostov s napriazheniem armatury do betonirovaniia. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenita, 1962. 282 p.

BRIDGES, PONTOON see Pontoon bridges

BRIDLE see subdivision under Sula Valley

BRINES

Nature of internal chloride brines. L. N. Kapchenko. Sov geol. 5 no 3·96-107 Mr '62

BRIQUETS

Briquetting finely divided particles of copper ores and concentrates. K. I. Ushakov, L. A. Blinova, M. A. Volynskaia. TSvet. met. 35 no 4 12-21 Ap '62.

BRIQUETS (FUEL)

Conference on the manufacture of briquets and semibriquets. Torf prom. 39 no. 3 36-37 '62.

"Peat semibriquet" by D. I. Shukhman. Reviewed by E. Aksenov and others. Torf. prom. 39 no 3;39-40 '62.

Selection of optimal parameters in thermal coal briquetting. G. V. Efashkin, I. A. Andreeva. Khim. i tekh. topl. i masel 7 no. 4·39-19 Ap '62.

BRITISH COMMONWEALTH OF NATIONS see Commonwealth of Nations

BROACHING MACHINES

Round-key sectional broach. P. A. Manokhin, I. M. Staviteskii. Mashinostroenie no. 2·110 Mr-Ap '62.

BROME GRASS

Development of the midge Stenodiplosis bromicola Mar. et Ag. (Diptera, Itonididae) with respect to the biological characteristics of the brome grass (Bromus inermis Leyss and Bromus riparius Rehm.) [with summary in English]. Z. IA. Agafonova. Ent oboz. 41 no 1,22-39 '62.

BROMIDES

Kinetics of iodine hydrolysis in chloride and bromide solutions. G. R. Zalkind, S I IAvorskii. Izv AN Turk. SSR, Ser. fiz -tekh., khim. i geol. nauk no 2 56-64 '62

BROMIDES IN THE BODY

Verkhovskaia, I. N. [Bromine in the animal organism and the mechanism of its action] Brom v zhivotnom organizme i mekhanizm ego deistviia. Moskva, Izd-vo Akad. nauk SSSR, 1962. 306 p.

BROMINE

some dermatoses and its changes
nt with a mixture of bromine and
R. Kh. Abdusamatov. Trudy
2·262-270 '59.
egnancy toxemias with bromine-
A. Kalashnikova. Sbor. nauch. rab.
no 2 52-55 '60.

nchial patency on the breathing of
ive catharal pneumonia. B. S.
VI 9:164-166 '56.
tilaginous skeleton of the trachea
domestic animals. M. V. Vasilenko.
51 '56.

TION

through the wall of the bronchi,
hdanov. Grud. khir. no. 2:81-83

hus in a child [with summary in
eeva, N. M. Akhmet'ev. Arkh. pat.

of the bronchus. I. I. Pil'ger.
inst. 2. 302-311 '59.

hospasm in operations on the heart
takopulo. Grud. khir. no. 2;66-72

BRONCHI—FOREIGN BODIES

Rare case of the prolonged presence of a foreign body in the bronchus M. V. Shaliakhovskii Grud khir. no. 2 83-85 '62.

BRONCHI—RADIOGRAPHY

Altyparmakov, Anton. [Bronchoscopy and bronchography] Bronkhoskopiia i bronkhografiia. Pod red. L. K. Bogusha. Moskva, Medgiz, 1961. 126 p. (DNLM)

Anesthesia in bronchography. B. K. Sharov. Grud. khir no. 2;72-74 '62.

Bronchography under anesthesia in children G. A. Brochstein Zdravookhr anenie 5 no 1;52-55 Ja-F '62

Method of selective bronchography. E P. Mukhin. Grud khir no. 2;103-106 '62

BRONCHI—TUMORS

Isolated papillomatosis of the trachea and main bronchi, combined with congenital defect in the development of the bronchial tree R R Golonzko, A. P. Kuz'michev. Grud. khir no. 2;70-81 '62

BRONCHOSCOPE

Modified model of the Jackson bronchoscope for bronchoscopy and bronchography under anesthesia with automatic respiration V. S. Chistikhin Grud. khir. no. 2; 106-109 '62.

BRONCHOSCOPY

Altyparmakov, Anton. [Bronchoscopy and bronchography] Bronkhoskopiia i bronkhografiia. Pod red. L. K. Bogusha. Moskva, Medgiz, 1961. 126 p. (DNLM)

Bronchoscopic study under anesthesia using muscle relaxants [with summary in English]. G. L. Feofilov and others Sov. med. 25 no. 1;93-99 Ja '62.

BRONZE—ANALYSIS

Effect of the electric conditions of contact-spark sampling on the calibration graphs of tin bronzes. A. A. IAnkovskii. Dokl. AN BSSR 6 no 4 226-228 Ap '62

BRONZE—METALLOGRAPHY

Effect of phase constitution on the cavitation resistance of bronze I. N. Bogachev, R. I. Mints, T. M. Petukhova. Metalloved i term. obr. met no. 4:28-31 Ap '62.

BRONZE AGE see subdivision under Novogeorgiyevsk District; Stanislav Province

BRONZE INGOTS

Continuous casting of bronze with a horizontal machine designed by the Ukrainian Research Institute of Metals V. T. Sladkoshteev and others. TSvet. met. 35 no 3. 67-74 Mr '62.

BRONZED SKIN see Addison's disease

BRONZES, BACTRIAN

A Bactrian bronze phalara with the image of Dionysus [with summary in English]. K. V. Trever. Trudy Gos Erm. 5 98-109 '61.

BRONZES, IRANIAN

Principles of dating the copper and bronzewares of Iran of the 15th-18th century [with summary in English]. A. A. Ivanov. Trudy Gos. Erm. 5.243-250 '61.

BROUKA, PIATRUS, 1905-

"And days are passing..." by P. Brovka. Reviewed by A. Lipetskaia. Oktiabr' 39 no. 3 209-210 Mr '62.

BROVKA, PETRUS, pseud. see Brouka, Piatrus, 1905-

BROWN-TAIL MOTH

Microbiological method for forecasting the population of brown-tail moths. N. V. Lappa. Vlasyk sil'hosp nauky 5 no 3·102-105 Mr '62

BRUCELLA

(see also subdivision under Russia, Northern)

Brucella detection in enviromental objects by the reaction of complement fixation. M. A. Zhurnakova. Veterinariia 38 no. 1;75-77 Ja '61.

Characteristics of strains of Brucella isolated from reindeers [with summary in English]. A. F. Pinigin, O. S Petukhova. Zhur. mikrobiol., epid. i immun 33 no. 3·76-81 Mr '62.

Method for the quantitative determination of live Brucella in brucellosis vaccine [with summary in English]. M. M. Ivanov, L. I. Datsevich. Zhur. mikrobiol., epid. i immun. 33 no. 3;46-50 Mr '62.

BRUCELLOSIS

(see also subdivision under Turkmenistan)

Comparative evaluation of laboratory methods for diagnosing brucellosis [with summary in English]. N. P. Kharina. Sov. med. 25 no. 1;68-72 Ja '62.

Role of the gerbils Meriones meridianus Pall. and Meriones tamariscinus Pall. in the preservation and spread of brucellosis [with summary in English] I. F. Taran, M. M. Rudnev, V. A. Miroshnichenko. Zhur. mikrobiol., epid. i immun. 33 no. 1;127-132 Mr '62

Sanitary evidence regarding milk from cows vaccinated with strain no. 19 on farms threatened by brucellosis. P. N. Diachenko. Sov. zdrav Kir. no. 1;33-36 Ja-F '61

BRUCELLOSIS IN CATTLE—CONGRESSES
Seminar of veterinarians on problems in the diagnosis of brucellosis and tuberculosis in farm animals. F.S. Sergienko. Veterinariia 37 no.10 94 O '60.

BRUCELLOSIS IN SHEEP
Effect of neurotropic substances on the bodies of sheep infected with brucellosis, in connection with the site of infection P. A Karasev, E F Dymko. Trudy AZVI 9 251-255 '56

BRUEGEL, PIETER, the elder, d. 1569
Notes on the works of Pieter Bruegel, the elder [with summary in French]. N. N Nikulin Trudy Gos. Erm 6 no. 2.5-21 '61.

BRYANSK—CLOTHING INDUSTRY
Work of experimental shops. I. I. Fedorovn. Shvein. prom. no. 1-34-35 Ja-F '62.

BRYANSK PROVINCE—COMMUNIST YOUTH LEAGUE
Sysoev, S., and L. Shkol'nikov. [Youthful years] Gody molodye. [Briansk] Brianskii rabochii, 1960. 264 p. (MH)

BRYANSK PROVINCE—CORN (MAIZE)
Importance of local corn seeds in Bryansk Province E. R. Khochinov. Agrobiologiia no. 2 286-289 Mr-Ap '62

BUBONIC PLAGUE see Plague

BUCHMA, AMVROSII MAKSIMILIANOVICH, 1891-1957
"Amvrosii Maksimilianovich Buchma" by B. L'vov-Anokhin. Reviewed by Valentyna Doshno. Mystetstvo 9 no. 1:30-31 Ja-F '62.

BUCKLING (MECHANICS)
Bending of long elastic plates moving in a gas with a constant supersonic speed V. S. Sarkisian Izv. AN Arm SSR. Ser. fiz -mat nauk 15 no. 2 139-152 '62

BUCKWHEAT
The ratio among various groups of micro-organisms in the root system of flax and buckwheat during different developmental stages following application of the AMB bacterial fertilizer A. N. Pertseva, L. F. Vasiuk Trudy Vses inst sel'khoz mikrobiol no 14:263-274 '58.

BUCUCANU, JULIA
Julia Bucucanu. A. Shilov. Sov. muz. 26 no. 4:110 Ap '62.

BUD-GRAFTING see Budding

BUDDHA AND BUDDHISM
Russian studies of Buddhist philosophy. V. P. Luchina. Nauch. dokl. vys. shkoly. filos. nauki 5 no. 2:112-121 '62.

BUDDING
Vegetative propagation of pecan, preliminary report. Z. M Gaivoronskaia. Trudy Inst sad. AN Tadzh SSR 2.121-125 '60.

BUDGET
(see also subdivision under Brazil, Estonia)
Budget for communist construction M Koptev. Starsh. -serzh. no. 2-10-11 F '62.
Some problems in preparing and carrying out of a budget N. Kisman. Fin SSSR 23 no. 4-31-36 Ap '62.

BUGLOSS see subdivision under Uzbekistan

BUGUL'MA DISTRICT—CORN (MAIZE)
We produce 1070 centners of corn per hectare R. Shaisaltanov. Agitator no 6-37-39 Mr '62.

BUILDING see subdivision under Latvia

BUILDING—ABSTRACTS
[Journal of abstracts: Construction and architecture] Ref. zhur.: Stroi. i arkhit. no. 2(20) '62.

BUILDING—COLD WEATHER CONDITIONS
Machinery for heating and drying buildings erected in winter. B. Pfuil. Stroi i arkhit Mosk. 10 no. 11:30-33 N '61.

BUILDING—CONTRACTS AND SPECIFICATIONS
Shreiber, K. S. [Capital construction in light industry] Kapital'noe stroitel'stvo v legkoi promyshlennosti. Moskva, Gizlegprom, 1949. 127 p.

BUILDING—DETAILS
Suponitskii, Z. G. [Assembly-line cycle method of organizing finishing operations] Potochno-tsiklichnyi metod organizatsii otdelochnykh rabot; iz opyta tresta Lenotdelstroi-2. Leningrad, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1962. 114 p.

BUILDING—ESTIMATES
Problems in making estimates according to established norms. Ekon. stroi. no. 3:60 Mr '62.
Questions of estimated cost in the construction industry. Ekon. stroi. no. 1:60-61 Ja '62.

BUILDING—EXHIBITIONS
Precast reinforced concrete at the Moscow Exhibition of New Building Technology. IA. V. Farfel', V. L. Kukolev. Bet. i zhel.-bet. no. 1:43-47 Ja '62.

BUILDING—PRICES see subdivision under Europe, Eastern

BUILDING, IRON AND STEEL
Moscow. Moskovskii inzhenerno-stroitel'nyi institut. [Metal construction; present state and outlook for future development] Metallicheskie konstruktsii; sostoianie i perspektivy razvitiia. Pod obshchei red. N. S. Streletskogo. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 338 p.

BUILDING BLOCKS
From practices of silos construction with assembled monolythic building blocks. V. A. Manych. Mash.-zhir. prom. 25 no. 3:42-43 Mr '62.

BUILDING INDUSTRY see Construction industry

BUILDING MACHINERY see Construction equipment

BUILDING MACHINERY INDUSTRY see Construction equipment industry

BUILDING MATERIALS
Babich, R. M. [Plastics in construction] Plastmassy v stroitel'stve. Voronezh, Izd-vo Voronezhskogo univ., 1961. 54 p.
Barbarina, T. M., M. P. Sukhov, and N. A. Sheludiakov. [Fiber-glass building materials] Steklovoloknistye stroitel'nye materialy. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 107 p.
Effectiveness of using polymeric materials in the finish of buildings. G. Serkova, V. Strorozhenko. Ekon stroi. no 3:32-36 Mr '62.
Houses from plastic materials. A. Taf. Belarus' 19 no. 4 15 Ap '62.
In the Ministry for the Construction of Electric Power Plants. Gidr. stroi 32 no 4.44-45 Ap '62.
Let's introduce elements made of aluminum alloys into urban construction IU. Dykhovichnyi, S. Krivin Stroi. i arkhit Mosk. 10 no 11:18-22 N '61.
Moscow. Respublikanskii nauchno-issledovatel'skii institut mestnykh stroitel'nykh materialov "ROSNIIMS." [Abstracts of papers of the Republic Scientific Research Institute of Local Building Materials (RSFSR) for 1958-1960] Sbornik annotatsii nauchno-issledovatel'skikh rabot instituta "Rosniims" za 1958-1960 gg. Moskva, 1961. 95 p.
Organization of mass production of articles made from basalt rock. N. Avakian, G. Petrosian Prom Arm 5 no. 3:27 Mr '62.

BUILDING MATERIALS—TESTING
Apparatus for determining the viscoplastic characteristics of cement pastes. I. G. Grankovskii, V. B. Chernogorenko. Zav lab 28 no 3:374-376 '62
Apparatus for the qualitative evaluation of some mechanical properties of building materials without their destruction M. A. Novgorodskii Zav. lab. 28 no. 3: 378-380 '62.

BUILDING MATERIALS INDUSTRY
(see also subdivision under Moscow)
Cooperating and combining production in the building materials industry. B. M. Dygern. Och. po sovr. sov. i zarub. ekon. no. 2:127-135 '61.
Russia (1917- R. S. F. S. R.) Ministerstvo promyshlennosti stroitel'nykh materialov. [Programs meeting minimum technical requirements for workers in the building materials industry] Programmy po tekhminimumu dlia rabochikh promyshlennosti stroitel'nykh materialov. Moskva, Biuro tekhn. informatsii, 1960. 266 p.

BUILDING MATERIALS INDUSTRY—EQUIPMENT AND SUPPLIES
Prospects for the development of equipment for the building materials and construction industries T. N. Kibovskii. Stroi. i dor. mash. 6 no. 11:30-35 N '61.

BUILDING MATERIALS INDUSTRY—FINANCE see subdivision under Kazakhstan

BUILDING TRADES—AUDIO-VISUAL AIDS
Let's finish with amateurism. V. Mamontov. Prof.-tekh. obr. 19 no. 3:26-29 Mr '62.

BUILDING TRADES—STUDY AND TEACHING
All work is done by young construction workers. S. Khaustov. Prof.-tekh. obr. 19 no. 3:15-16 Mr '62.
Improving the qualifications of construction workers. G. Aizman. Prof.-tekh. obr. 19 no. 4 31 Ap '62.
Our school will turn out skillful builders. K. Pakhlevanian Komsom. zhizn' no. 6:16-17 Ap '62.

BUILDINGS, PREFABRICATED
Prefabricated buildings are one of the principal ways of solving the housing problem. S. Verizhnikov Ekon stroi. no. 1:19-24 Ja '62.

BUKHARA—LAND TENURE
Basic forms of the ownership of land and the rates of the levy in kind in the Bukhara khanate in the late 19th and the early 20th century; based on ethnographical data. K. Shanitazov. Obshchestv. nauki v Uz. 6 no. 3:51-56 '62.

BUKHARA PROVINCE—AGRICULTURE
Objectives of the plan will be accomplished S. Tashkulov. Nar. khoz. Uzb. 4 no 3:13-16 Mr '62

BUKHARA PROVINCE—STATE FARMS
On the path to a new upsurge. S. IAkovlev. Nar. khoz. Uzb. 4 no. 3 22-23 Mr '62.

BUKOVINA—CLAY
Clay minerals of rocks of the Rakhov and Burkutsk series in the Northern Bukovina Carpathians. P. D. Bukatchuk. Geol zhur. 22 no. 2:72-82 '62

BULANASH REGION—COAL MINES AND MINING
Features of the development and working of longwalls in mines of the Bulanash deposit S. D. Postnov Izv. vys ucheb. zav. ,gor zhur. 5 no 1-21-23 '62

BULANASH-YELKINA REGION—COAL GEOLOGY
Structure of the Bulanash-Yelkina coal region. IA M. Chernousov, I I Kostarev. Izv vys. ucheb zav ,gor zhur. 5 no 1 3-7 '62

BULGARIA—ANTIAIRCRAFT ARTILLERY
In the camp of Bulgarian antiaircraft gunners I Darev. Sov. voin 44 no. 6:31 Mr '62.

BULGARIA—BIBLIOGRAPHY
[New literature on European people's democracies and Slavic studies: Bulgaria] Nov. lit. po evrop. stran. nar. dem. i slav.: Blog. no. 1 '62

BULGARIA—CHILDREN—CARE AND HYGIENE
Hygiene for children and adolescents in the People's Republic of Bulgaria. L V Mikhailova Gig i san. 26 no. 5:85-88 My '61

BULGARIA—CHILDREN AS ARTISTS
Drawings of Bulgarian children E. Larionova. Sem'ia i shkola 17 no. 4:33 Ap '62.

BULGARIA—HISTORY
Zarev, Pantelei, ed. [Selected works of Bulgarian revolutionary democrats. Translated from the Bulgarian] Izbrannye proizvedeniia bolgarskikh revoliutsionnykh demokratov. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1959. 665 p.
(RPB)

BULGARIA—HOG CHOLERA
A case of hog cholera. I. Gelev, I. Genov. Veterinariia 37 no. 10:39-40 O '60.

BULGARIA—KIDNEYS—DISEASES
Endemic nephritis in Bulgaria. A. Pukhlev and others. Klin. med. no. 8:57-65 '61.

BULGARIA—MILITARY RECONNAISSANCE
Reconnaissance on the march and in a meeting engagement (as revealed by experience of the Bulgarian People's Army) Kh Khristov, B Nikolov. Voen vest 41 no 3 41-46 Mr '62.

BULGARIA—ORTHODOX EASTERN CHURCH—PERIODICALS
Review of "TSerkoven Vestnik," Journal of the Bulgarian Orthodox Church, nos 13-20, April-July 1961. V. Talin. Zhur. Mosk. Patr. no. 2:77-79 F '62.

BULGARIA—REGISTERS
"Statistical Yearbook of the People's Republic of Bulgaria, 1959" [in Bulgarian]. Reviewed by Z G Frenkel', T. S. Soboleva Gig. i san. 26 no. 5 118-120 My '61.

BULGARIA—RELATIONS (GENERAL) WITH RUSSIA
Our friends speak. V. A. Makarov. Veterinariia 38 no. 1:13-14 Ja '61.

BULGARIA—RESTAURANT MANAGEMENT
The basis of a profitable enterprise is a correct selection of its type (translated from the Bulgarian) G. Shishkov. Obshchestv. pit. no 1:52-53 Ja '62.

BULGARIA—RUSSIAN LANGUAGE—TEXTBOOKS
Compiling the new Russian language textbooks for Bulgarian schools. Liubomir Mutskov. Inostr. iaz. v shkole no. 2:37-44 Mr-Ap '62.

BULGARIA—SCIENTIFIC SOCIETIES
History of the Bulgarian Literary and Scientific Society and the Bulgarian Academy of Sciences; 1869-1941. A I. Khadzhiolov. Vop. ist. est. i tekh. no 12:200-206 '62.

BULGARIA—TRADE UNIONS
Correspondence seminar of a trade-union group organizer Vaska Dacheva Micheva, Ivanka Draganova, Iv. Vichev. Sov profsoiuzy 18 no 8:20-22 '62

BULGARIAN NEWSPAPERS
Favorite newspaper. Stefan Stanchev. Sov. pech. no. 4: 57-58 Ap '62.

BULGARIAN POETRY—HISTORY AND CRITICISM
Contemporaneity and lyric poetry. Efrem Karanfilov. Vop. lit 5 no. 12:127-139 D '61.

BULLION see Precious metals

BULLS—DISEASES AND PESTS

Operative treatment of posthitis in bulls M N Kirillov, I S. Chernenko Veterinariia 37 no 12 54 D '60.

BURIAL

(see also subdivision under Ashuk; Sokh Valley)

Determination of the time of interment of a corpse. A. F. Rubezhanskii. Sud.-med ekspert. 5 no. 1:29-30 Ja-Mr '62.

BURMA—INVESTMENTS, FOREIGN

Foreign capital in the economy of colonial Burma [with summary in English, p 265] I P. Azovskii Nar Azii i Afr no 2 102-113 '62

BURMESE LANGUAGE—DICTIONARIES—RUSSIAN

"Burmese-Russian pocket dictionary," compiled by B. A Ignatenko Reviewed by L. A Dovydov. Nar Azii i Afr. no. 2:249 '62

BURNS AND SCALDS

Change in kidney function in patients with burn disease following a transfusion with polyvinylpyrrolidone [with summary in English] G. P. Vinokurova, A A. From, Klin. med. no. 8 66-68 '61.

Eye burns. M. G. Mangolis. Fel'd. i akush 27 no. 3: 18-20 Mr '62.

Method for treating first and second degree burns of the face. Kh. A. Badalian Trudy Sumgai med. inst. 2 331-337 '59.

Model of burn emaciation in laboratory animals. V. I. Skorik and others. Pat. fiziol i eksp terap. 5 no. 6: 64-65 N-D '61.

Prevention of burns from electrolyte in workers in the mining industry M. A Ekimov, I P. Sosedov. Gig i san. 26 no. 5 56-60 My '61.

Study of erythropoiesis in thermal burns using radioactive indicators. V. S. Barkain, G. I. Kozinets Probl gemat. i perel. krovi no. 4:51-52 '62.

BURYAT-MONGOLIA—AGRICULTURAL RESEARCH

Scientific research work of the Buryat Institute of Agriculture. G G Kulikov. Vest sel'khoz nauki 7 no. 1: 142-143 Ja '62.

BURYAT-MONGOLIA—AGRICULTURAL WAGES

Organization and wages in self-supporting shepherds brigades in the Buryat A. S. S. R V. Filippov Ekon. sel'khoz. 33 no 2 11-19 F '62.

BURYAT-MONGOLIA—GUIDEBOOKS

Bashkuev, B. V., and R. F. Tugutov. [Across Buryatia; tourists' routes] Po Buriatii; turisticheskie marshruty. Ulan-Ude, Buriatskoe knizhnoe izd-vo, 1961. 86 p. [MICROFILM]

BURYAT-MONGOLIA—HORSE BREEDING

Results of improving Buryat horses by crossing with race horses P. A. Fedotov Trudy AZVI 9 97-103 '58.

BURYAT-MONGOLIA—JOURNALISTS

Main direction E. Stepanov. Sov. pech. no. 4:43 Ap '62.

BUS CONDUCTORS (ELECTRICITY)

(see also subdivision under United States)

From practices in the assembly of factory-made shielded bus conductors G V. Belov. Energ stroi no. 25. 84-90 '61.

Use of the new aluminum hollow wires as busbars for an outdoor 500 kv substation G. S. Dutkin, P. I. Roshchin. Energ. stroi no. 25-90-93 '61.

BUSINESS MATHEMATICS

Masiov, P. P. [Technique of work with figures; practical instructions] Tekhnika raboty s tsiframi; prakticheskie ukazaniia. Moskva, Gosstatizdat, 1962. 71 p.

A. A. Petrov. Zhur. ob. khim. 32 no. 4:1089-1095 Ap '62.

BUTADIENE POLYMERS

Preparation of hydroperoxides of alkylaromatic hydrocarbons, and their initiation properties in copolymerization of divinyl with styrene. S. V. Zavgorodnii and others. Khim. prom. no. 3:181-185 Mr '62.

Structure of 1, 3-butadiene polymers obtained in the presence of Ziegler-type catalysts. A. I. IAkubchik and others. Zhur. prikl. khim. 35 no. 4.876-880 Ap '62.

BUTADIONE

Evaluation of the action of butadione in rheumatism and infectious arthritis with special reference to the results of a blood examination. S. A. Podlipalina. Zdrav. Kazakh. 22 no. 2:31-36 '62.

BUTANE

Extensive chlorination of butane. L. M. Kogan, N. P. Ignatova. Zhur. prikl. khim. 35 no. 3:593-601 Mr '62.

Preparation of a new flotation reagent - 1, 1, 3-triethoxybutane. A. V. Arbatskii, A. A. Grigor'ev, M. IA. Klimenko. Khim. prom. no. 3:178-181 Mr '62.

BUTENYNE

Chemistry of divinylacetylene and its halo derivatives Part 10 Chlorination of trichloroethylene, perchloroethylene, and benzene initiated by vinylacetylene hydrocarbons A. N Akopian, A M Saakian, A. A Saburian Zhur ob. khim 32 no 4 1098-1104 Ap '62

Conjugated systems. Part 154 Vinylacetylene derivatives of mercury. K B. Rail', A A. Petrov Zhur ob. khim 32 no. 4 1095-1097 Ap '62

BUTLEROV, ALEKSANDR MIKHAILOVICH, 1828-1886

A M. Butlerov at the 7th Congress of Russian Natural Scientists and Physicians. A. V. Bogatskii. Vop. ist. est. i tekh. no. 12 169-170 '62.

A M Butlerov's work on entomology L V. Chesnova Vop ist. est. i tekh. no. 12 171-173 '62

Research on the history of the theory of chemical structure and the scientific heritage of A. M Butlerov in the U. S. S. R. G. V Bykov. Vop. ist. est. i tekh. no. 12. 165-169 '62.

BUTTERFAT

Attacking a drop of fat. S. Konev. Znan. sila 37 no. 3: 30 Mr '62

Composition and stability of butterfat. Z. Seitov Trudy AZVI 9 109-115 '58.

BUTTERFLIES

Changes in the content of fat and water in butterflies Aporia crataegi and Pieris brassicae during their ontogeny, based on the data of biochemical analysis [with summary in English] G. M. Strogaia Zool. zhur 41 no 1:92-100 Ja '62.

BUTYL ALCOHOL

Alkylation of aromatic compounds by alcohols Part 17 Reactions of propyl and butyl alcohols with benzene I P. TSukervanik, G. Kh Khakimov. Zhur. ob. khim. 32 no. 4 1296-1301 Ap '62.

Mutual solubility in the four-component system water - acetone - ethanol - butanol V. P. Solomko, V. D. Panasiuk, A M. Zelenskaia. Zhur. prikl. khim. 35 no. 3: 628-633 Mr '62.

BUTYL PHOSPHATES—SPECTRA

Infrared spectroscopy method for determining tri-n-butyl phosphate and diisoamyl ester of methylphosphonic acid in solutions of n-paraffinic hydrocarbons and dearomatized kerosine [with summary in English] IU. A Pentin, E. G. Teterin, N. N. Shesterikov. Zhur. anal. khim. 17 no 2:239-244 Mr-Ap '62

BUTYL RUBBER

Comparing the effectiveness of various vulcanizing systems for the production of heat-resistant butyl rubbers. I. A. Levitin, G. M. Ronkin. Kauch. i rez. 21 no. 4:14-19 Ap '62.

BUY DISTRICT—COLLECTIVE FARMS—FINANCE

Conferences and seminars. Den. i kred. 20 no. 4:92-95 Ap '62.

BUYING, INDUSTRIAL see Industrial procurement

CABINET-WORKERS see subdivision under Neuwied, Germany

CABLE RAILROADS see Railroads, Cable

CABLES see subdivision under Rybinsk

CABLEWAYS

Automatic control of car haulage along the loading tracks of suspension cableways. N. M. Moshchenko. Gor. zhur. no. 4:73 Ap '62.

"Theoretical and experimental investigation of some parameters of cable way skidders in the skidding of in the mountains" by D. A. Abramov. Reviewed Prokhorenko. Izv. vys. ucheb. zav.; les. zhur. 2-95 '61.

'ER—TESTING

f the coloring substances of cacao butter by rbon and aluminum oxide. A. I. Fel'dman d. prom. 6 no. 4:42 Ap '62.

CADMIUM

Behavior of cadmium in the zone of oxidation. N. A. Roslikov. Geol i geofiz. no. 1:128-129 '62.

Effect of cadmium cation on fine-grained emulsions. V. V. Vasil'ev, M. I. Rudenko. Zhur. VKHO 7 no. 2:228-229 '62.

CADMIUM—ANALYSIS

Detection of cadmium ions in the mixture of cations of the IV[th] analytical group. S. M. Efros. Trudy LTI no. 48:187-190 '58.

CADMIUM—ELECTROMETALLURGY

Effect of zinc ions on the structure of the cathodic cadmium precipitate and the electrolysis indices. O. A. Khan, G. N. Sosnovskii. TSvet. met. 35 no. 4:24-26 Ap '62.

CADMIUM-ANTIMONY ALLOYS—ELECTRIC PROPERTIES

Some electric properties of the intermetallic semiconducting compound Cd_4Sb_3 doped with various impurities. IA. A. Ugai and others. Fiz. tver. tela 4 no. 3: 615-617 '62.

CADMIUM ORGANIC COMPOUNDS

New organocadmium compounds of the Ar_2Cd class, and their dioxanates. N. I. Sheverdina and others. Dokl. AN SSSR 143 no. 5 1123-1126 Ap '62.

CADMIUM PLATING

Internal stresses in cadmium electrolytic deposits. A. V Pamfilov, P M Mel'nik. Zhur. prikl khim 35 no. 4 911-913 Ap '62

CADMIUM SELENIDE CRYSTALS

Polytypic modifications of cadmium sulfide and selenide crystals. A. S Pashinkin, L. M. Kovba. Kristallografiia 7 no. 2:316-318 Mr-Ap '62.

CADMIUM SULFIDE

Orientation of microcrystals in thin layers of cadmium sulfide A. F. Andrushko. Kristallografiia 7 no. 2: 220-223 Mr-Ap '62.

CADMIUM SULFIDE CRYSTALS

Polytypic modifications of cadmium sulfide and selenide crystals. A. S Pashinkin, L. M. Kovba. Kristallografiia 7 no. 2:316-318 Mr-Ap '62.

CADMIUM SULFIDE CRYSTALS—DEFECTS

Packing defects in powdered cadmium sulfide crystals A. F. Andrushko Fiz tver tela 4 no 3,582-586 '62

CADMIUM SULFIDE CRYSTALS—GROWTH

Production of photosensitive cadmium sulfide crystals from a melt under pressure of an inert gas I. A. Sysoev, N. I. Kraininkov Fiz. tver tela 4 no. 3:807-80 '62.

CADMIUM TELLURIDE

Photoelectric properties of mercury-activated layers of cadmium telluride. A. D. Shnidei, I. S. Zhmurko. Fiz tver tela 4 no. 3.806-807 '62.

CAFFEINE

Treatment of early pregnancy toxemias with bromine-caffeine therapy G. A. Kalashnikova Sbor. nauch. rab Kaf. akush. i gin. GMI no 2 52-55 '60

CAISSON DISEASE see Decompression sickness

CALCIFICATION

"X-ray diagnosis of calcification and heterogenetic ossification" by V. A. D'iachenko. Reviewed by I. E. Kochnova and V. S. Maint. Sov med 25 no. 1:154-155 Ja '62.

CALCIUM ANTIMONIDE

Properties of Ca_3Sb_2 prepared by the method of S. A. Vekshinskii IA. A. Ugai and others. Zhur. neorg. khim 7 no. 4:930-931 Ap '62.

CALCIUM CARBONATE

Interaction of minerals containing rare alkaline elements with salts and oxides during sintering and melting Part 8 Reactions taking place in the interaction of spodumene with a mixture of calcium carbonate and chloride. V. E Plyushchev, I. V. Shakhno, L. P. Shklover Izv. vys. ucheb. zav. khim. i khim. tekh 5 no. 1:133-140 '62.

CALCIUM CHLORIDE—THERAPEUTIC USE

Nutritional edema of baby pigs and therapeutic effectiveness of calcium chloride. Z. A. Manevich, E. I. Vēlgi. Veterinariia 39 no. 1:39-40 Ja '61.

CALCIUM GLUCONATE—PHYSIOLOGICAL EFFECT

Effect of the injection of calcium gluconate on the fertility in cows [with summaries in English, German, and French]. S. M Rombe. Vest. sel'khoz. nauki 7 no. 1 95-98 Ja '62.

CALCIUM HYDROXIDE

Mechanism of interaction of calcium hydroxide with quartz under normal conditions. I. D. Sakavov, N. A. Shishakov. Izv. AN SSSR. Otd. khim. nauk no. 4:591-597 Ap '62.

CALCIUM SULFIDE

Effect of calcium sulfide on the phase composition of slags of the system $CaO - MgO - SiO_2$. A. V. Rudnev, A. S. Panov. Izv. AN SSSR. Otd. khim. nauk no. 4:553-557 Ap '62.

CALCULATING MACHINES

Use of calculating machines in the control of catalytic processes. M. G. Slin'ko, G. M. Ostrovskii. Khim. prom. no. 3:153-159 Mr '62.

CALCULATING MACHINES—EXHIBITIONS see subdivision under Leningrad

CALCULI, BILIARY

Operation of the common bile duct in cholelithiasis [with summary in English]. Z. A. Topchiashvili. Khirurgiia 37 no. 7:26-33 Jl '61.

CALCULI, URINARY

Anomalies of the lumbosacral segment of the spine in urolithiasis. A. M. Nianikovskii. Urologiia no. 6 51-5 '61.

Case of the removal of a large calculus from the ureter. G. S. Maslennikov. Urologiia no. 6:62-63 '61.

Disorder of the pigmentary function of the liver in nephrolithiasis. V. D. Shemetov. Urologiia no. 2:20-24 '62.

CALCULI, URINARY (Continued)
Rare case of stone migration in kidney stones. Sh. Kh. Khutsishvili. Vest. rent. i rad 37 no. 2, 69-70 Mr-Ap '62.
Sulfanilimide calculosis of the kidneys. E. Z. Rabinovich. Sbor nauch. rab. Kaf. akush i gin GMI no 1 191-192 '60.
Susceptibility to urinary calculi in children V. M. Sklar. Ped., akush. i gin 23 no. 6:7-9 '61
Transurethral cystoscopic treatment of ureteral calculi. V. Kreba. Urologiia no. 2:42-47 '62

CALCULUS, OPERATIONAL
Application of the operational calculus for the calculation of some integrals. N. A. Meller. Vych mat no 7 170-180 '61.
Systems of integral equations with almost difference operators. L. S Rukovshchik. Sib mat. zhur. 3 no. 2 250-255 Mr-Ap '62

CALCULUS OF DIFFERENCES see Difference equations

CALCULUS OF VARIATIONS
Some variational methods of an approximate solution of the transport equation. V. S Vladimirov. Vych. mat. no. 7:95-114 '61.
Theory of boundary value problems in regions with a degenerated contour for variational and partial differential equations. V. I. Kondrashov. Dokl. AN SSSR 143 no. 6: 1268-1271 Ap '62.
Variational problems on the optimization of control processes for equations with discontinuous right parts. V. A. Troitskii. Prik. mat. i mekh 26 no. 3:233-240 Mr-Ap '62.

CALENDARS
[People's calendar] Narodnyi kalendar. [Kyiv] Derzh. vyd-vo polit. lit-ry URSR, 1962. 241 p.
Popular wooden carved calendars. N. A. Konstantinov. Sbor. muz. ant. i etn. 20:84-113 '61.

CALIBRATION
New method for the graduation of scales. Av. prom. 26 no. 8:39 '57.

CALLISTHENICS
Bedtime callisthenics. E. G. Tolkachev. Teor. i prak. fiz. kul't. 25 no. 4:49-51 Ap '62.
Exercise rest periods for forge-rolling operators in rolling-mill departments. N. V. Reshetnikov. Teor. i prak. fiz. kul't. 25 no. 4:52-55 Ap '62
Industrial callisthenics and prospects for its development. V. V. Beltsovich. Teor. i prak. fiz. kul't 25 no. 3:12-19 Mr '62.
Study of workers' positions for the purpose of improving industrial callisthenics. E. G. Kotel'nikova Teor. i prak. fiz. kul't. 25 no. 2:49-51 F '62.

CALORIMETERS
Equations for calculating the heat conductivity of plane, cylindrical and spherical twin differential calorimeters. IA. M. Nazlev. Izv. AN Azerb. SSR, Ser. fiz. -mat i tekh. nauk no. 6:137-147 '61.

CALVES
Cases of abnormality in newborn animals. L. T. Andrilach, V. D. Stepaniuk. Veterinariia 38 no. 1:59-61 Ja '61.
Coprological characteristics of healthy calves of various ages. A. M. Smirnov. Veterinariia 38 no. 1:60-61 Ja '61.
Rearing calves in heated and unheated barns [with summaries in English, German, and French]. L. S. Pirogov, V. S. Radtsev. Vest. sel'khoz. nauki 7 no. 2:95-98 F '62.

CALVES—DISEASES AND PESTS
Effect of restoring bronchial patency on the breathing of calves with suppurative catharal pneumonia. B. S. Shchetin. Trudy AZVI 9, 164-168 '56.
Intravital bacteriological diagnosis of paratyphoid fever in calves. B. A. Matvienko. Trudy AZVI 9:207-212 '56.
Leptospirosis of calves in the Arctic. V. V. Kolychev, G. N. Kononov. Veterinariia 37 no. 8:31-33 Ag '60.
Producing live vaccine for controlling paratyphoid fever in calves B. A. Matvienko. Trudy AZVI 9:213-217 '56.

CALVES—FEEDING AND FEEDS
Economic method for raising calves. O. I. Aleksandrov. Vlanyk sil'hosp. nauky 5 no. 3:111-114 Mr '62.
Rhythmic features of the growth of calves raised with nurse cows [with summaries in English, German, and French]. S. G. Sipachev. Vest. sel'khoz. nauki 7 no. 1: 78-84 Ja '62.

CAMELS
Content of some vitamins in the milk of camels. K. T. Bestuzheva. Uch. zap. Kab. -Balk. gos. un. no. 8, 165-169 '60.

CAMELS—PHYSIOLOGY
Body temperature, respiratory frequency, blood pressure and heart beat rate in camels in water deficiency. B. Kh. Bakhtiozina. Izv. AN Kazakh. SSR, Ser. med. i fiziol. no. 1:16-26 '61.
Content of chlorides in the urine and blood of camels in water deficiency. B Kh. Bakhtiozina. Izv AN Kazakh SSR. Ser med. i fiziol. no 1 37-41 '61
Effect of water deficiency on the blood composition in camels. B. Kh Bakhtiozina. Izv. AN Kazakh SSR. Ser. med. i fiziol. no 1 27-36 '61

CAMERAS
Adjustment of the range finder of the "Leningrad" camera B Graule. Sov foto 22 no 4 38-39 Ap '62.
Redesigning of "Kiev-Vega" camera V. Pekhterev. Sov foto 22 no. 4 37 Ap '62.

CAMPHENE
Preparation of new odorous substances from condensation products of camphene with 2, 6-xylenol L. A. Kheifits, G. I. Moldavanskaia, IU. I. Popova. Zhur. VKHO 7 no. 2: 234-235 '62.

CAMPHOR
Synthesis of α-nitro-d-camphor. IA. IA. Dodonov, S. B. Pirkes. Izv. vys. ucheb zav. khim. i khim. tekh 5 no. 1:112-114 '62.

CAMPHOR—PHYSIOLOGICAL EFFECT
Effect of camphor on the coronary blood flow and on some indices of carbohydrate and oxygen metabolism of the myocardium [with summary in English]. A. S. Saratikov, T. F. Marina, G. E. Barkovskaia. Farm. i toks. 25 no. 1:77-81 Ja-F '62.

CAMPS
(see also subdivision under Konobeyevo)
How we prepare for summer. S. Podkolzin. Shkola-int. no. 2:41-44 Mr-Ap 62.
Welcome the pioneers' summer! O. Ivanova. Sov. profsoiuzy 18 no. 9:24-25 My '62.

CAMS
Some characteristics in the kinematics of a push rod with a flat disk. L. V. Korchemnyi. Avt. prom. 28 no. 4:7-9 Ap '62.

CANADA—MINE TIMBERING
Control of rock bumps in constructing shafts. A. E. Gavrutskii. Shakht. stroi. 6 no. 4:30-31 Ap '62.

CANADA—PEACE SOCIETIES
At the walls of parliament. A. Lebedev. Smena 39 no. 8:26-27 Ap '62.

CANADA—SHIPBUILDING
Canadian-built ships [from "Canadian Shipping and Marine Engineers' News" no. 12, 1961]. Sudostroenie 28 no. 4:77 Ap '62.

CANADA—STEEL INGOTS
Steel pouring in an argon atmosphere [from "Iron Age," no. 14, 1959]. M. E Orman Biul TSIICHM no. 9 54 '60.

CANALINE
New synthesis of canaline. M. IA. Karpeiskii, R M. Khomutov, E. S. Severin Zhur. ob. khim. 32 no. 4: 1357-1358 Ap '62.

CANCER
(see also subdivision under Karaganda Province)
Ability of various normal tissues to stimulate the growth of tumor cells [with summary in English]. IU. M. Vasil'ev. Vop. onk. 8 no 4:61-67 '62.
Action of the bacterial polysaccharide acetoxan on transplanted tumors. S. M. Navashin, A. I. Braude. Vest. AMN SSSR 17 no. 3:23-28 '62.
Characteristics of inflammatory manifestations accompanying the development of cancer of various localizations. D. M. Shunov. Izv. AN Kazakh SSR Ser med. i fiziol. no. 2:66-65 '61.
Cruchs. V. I. Astrakhan. Zdorov'e 8 no. 4:21 Ap '62.
Cytochemical analysis of the nature of the bond of ribonucleic acid with proteins in the cells of normal tissues and malignant tumors [with summary in English]. G. I. Roskin, E. S. Kirpichnikova Arkh. anat gist. i embr. 40 no. 5:27-33 My '61
Cytological and cytochemical studies of rat fibroblasts during the process of their malignant degeneration in tissue culture [with summary in English]. N. S. Staroverova. Vop. onk. 8 no. 4 55-61 '62.
Effect of a changed functional state of the higher sections of the central nervous system on the development of malignant tumors in rats. V. I. Klimova. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. no. 9:94-98 '61.
Effect of the functional disorders of the thyroid gland on the development of malignant tumors in animals. V. A. Chibunovskii. Izv. AN Kazakh. SSR. Ser. med. i fiziol. no. 2:66-79 '61.
Effect on sarcolysine-sensitive tumors of nucleoproteins isolated from sarcolysine-resistant tumors. D. IA. Podgaetskaia, V. M. Bresler, IU. M. Olenov. TSitologiia 4 no. 1:59-61 Ja-F '62.
Familial predisposition to cancer morbidity. A. S. Olshanetskii. Klin med no. 2:136-137 '62.
Growth and metastatic spreading of Walker rat carcinoma depending on the various sites of its inoculation. Z. M. Saraeva. Pat. fiziol. i eksp. terap. 5 no. 6:66 N-D '61.
Intravital injection of a colored solution into lymph nodes in cancer surgery. M. Isambaev. Trudy Inst. klin. i eksp. khir. AN Kazakh. SSR no. 7:137-143 '61.
Mats, D. I. [Social hygienic problems in the control of cancer; stages in its development, statistics and organization] Sotsial'no-gigienicheskie voprosy protivorakovoi bor'by; etapy razvitiia, statistika, organizatsiia. Pod red. A. M. Merkova. Moskva, Medgiz, 1962. 201 p. (DNLM)
New method for standardization of the coefficients of morbidity. D I. Mats Vop onk 8 no. 3:97-102 '62.
Occupational cancer [with summary in English]. P. P. Dvizhkov. Gig truda i prof. zab 4 no. 3.3-7 Mr '60
Pyridoxine metabolism in the blood and tissues of cancer patients. V. V. Korkhov. Vop pat. krovi i krovoobr no 5:104-108 '59
Residual proteins in nuclei of normal and tumor cells. I. B. Zbarskii, L. P. Ermolaeva, N. P. Dmitrieva. Vop. med khim. 8 no. 2 218-221 Mr-Ap '62.
Volkova, M. A. [Telegamma therapy of malignant tumors] Telegammaterapiia zlokachestvennykh opukholei. Moskva, Medgiz, 1961 115 p. (DNLM)

CANCEROGENIC COMPOUNDS see Carcinogens

CANNED BEEF see Beef, Canned

CANNING AND PRESERVING
(see also subdivision under Tiraspol')
Observed indices of the changes in the oil quality due to the frying in it of raw vegetables S. M Nemets, I M. Nesterova Kons. i ov prom 17 no 4 4-7 Ap '62
"Sterilization of canned food" by S. M. IAstrebov, A. M. Massover. Reviewed by I. S Kagan. Kons. i ov prom. 17 no. 4:35-36 Ap '62.

CANNING AND PRESERVING—EQUIPMENT AND SUPPLIES
"Control of seaming machines" by A. E Rozenbelov. Reviewed by G. Kh. Moldavskii, I. M. Varov. Kons. i ov. prom. 17 no. 4:31-34 Ap '62.

CANNING AND PRESERVING—MICROBIOLOGY
Conference on the microbiology in canning and preserving and methods of bacteriological inspection of the production of canned food. Kons. i ov. prom 17 no. 4 41-42 Ap '62.

CANNING AND PRESERVING—PACKAGING
Use of high polymer packaging materials in food preservation by means of ionizing. IA G. Muravin, L N Zelenskaia, G. D. Pugach Kons. i ov. prom. 17 no. 4.24-27 Ap '62

CANNING INDUSTRY
(see also subdivision under Kel'mentsy District; Novyy Oskol, Ukraine)
Conference of the group of specialists of the Permanent Committee of Economic and Technical Research Cooperation in the Field of Light and Food Industry of the Member-Countries of the Council of Mutual Economic Aid. V. D. Lagovkin. Kons i ov. prom. 17 no. 4:36-39 Ap '62.
From pages of newspapers. Kons. i ov. prom. 17 no. 4: 43 Ap '62
Increase the effective utilization of capital investments. Kons. i ov. prom 17 no. 4:1-3 Ap '62.
Provide for better raw material supply of canning factories. T. F. Voronov. Kons. i ov prom. 17 no. 4 27-28 Ap '62

CANTHARIDIDAE
Larva of Podabrus alpinus L. and some morphological features of the larvae of soldier beetles (Cantharididae, Coleoptera) [with summary in English] B. R Striganova. Zool. zhur. 41 no. 4, 546-551 Ap '62.

CAPITAL
Akademiia nauk SSSR. Institut ekonomiki. [Accelerating the turnover of working capital] Uskorenie oborachiaemosti oborotnykh sredstv. Moskva, Gosplanizdat, 1949. 122 p.
Costs indices of the utilization of capital assets. E. A. Ivanov. Och. po sovr. sov. i zarub. ekon. no. 2:31-65 '61.
Improve the planning of working capital. I. Guzhkov. Fin. SSSR 23 no. 4:17-23 Ap '62.

CAPITAL INVESTMENTS
Determining the economic effectiveness of capital investments and new machinery. Vop. ekon. no. 4:85-101 Ap '62.
Increase the effective utilization of capital investments. Kons. i ov. prom. 17 no. 4:1-3 Ap '62.

CAPITALISM
(see also subdivision under United States)
Discussing the future; second article. I. Ermashev. Nov. vrem. 20 no. 23:4-7 Je '62.
Present-day phase of the general crisis of capitalism. A. I. Malysh. Vop. ist. KPSS 5 no. 2:135-140 '62.
Two economic systems. N. Petrov. Nar. khoz. Kazakh. 20 no. 3:88-92 Mr '62.

CAPONS AND CAPONIZING
Chinese method of caponizing young roosters. L. I. TSelishchev, Lu Li-kun' [Lu Li-k'un]. Veterinariia 37 no. 10:57-59 O '60.

CAR AXLES—LUBRICATION see subdivision under United States

ROTID ARTERY- DISEASES
Some problems in the clinical aspects and treatment of occluding lesions of the extracranial segment of the carotid arteries [with summary in French] I. V. Shmidt Zhur. nevr. i psikh. 62 no. 10:1473-1481 '62.

ROTID ARTERY SURGERY
Replacement of defects of the common carotid artery in a growing body; experimental study. T. I. Fedoseyeva. Vest. khir. no. 4:39-41 '62.

ROTID SINUS
Changes in the lymph flow and some biochemical lymph components following the stimulation of the carotid nerve and sinus zone. Report No. 2. R. S. Vasil'chenko and others. Izv. AN Kazakh. SSR. Ser. med. i farmat. no. 1:1-10 '61.

Reflexes from the sinocarotid zone on venous pressure and blood deposition in the spleen. I. P. Kolchevskaia, F. G. Shelpina, I. V. AN Kazakh. SSR. Ser. med. i farmat. no. 1:25-29 '61.

RP- DISEASES AND PESTS
Bacteriopsidia infection (pfiesteriosis) of pond carp (Pfiesteriosis cyprinid). Kh. B. Gerenshtein. Dokl. AN BSSR 6 no. 4:270-271 Ap '62.

ARPATHIAN MOUNTAIN REGION - FIR
Distribution of the active part of oak and fir roots in mixed fir and oak forests of the Carpathian Mountain region. G. V. Shevchenko. Izv. vyss. uchab. zav., lesn. zhur. 4 no. 3:9-15 '61.

ARPATHIAN MOUNTAIN REGION - FISHES, FOSSIL
Fossil fish of the Sternoptychidae family from menilite shales in the Carpathians. I. P. Gorbach. Paleont. zhur. no. 4:108-110 '61.

ARPATHIAN MOUNTAIN REGION - GEOLOGY, STRUCTURAL
Age zones and formation of Tertiary sediments in the southeastern part of the external zone in the Eastern Carpathian region. I. P. Gnilovoy. Geol. nefti i gaza 6 no. 1:15-18 Ja '62.

ARPATHIAN MOUNTAIN REGION - MOUNDS
Carpathian burial mounds of the first half of the first millennium A.D. by Z. Vl. Szatulski. Reviewed by P. V. Mathou. Arkheologiia 14:155-158 '61.

ARPATHIAN MOUNTAIN REGION - OAK
Distribution of the active part of oak and fir roots in mixed fir and oak forests of the Carpathian Mountain region. G. V. Shevchenko. Izv. vyss. uchab. zav., lesn. zhur. 4 no. 6:9-15 '61.

ARPATHIAN MOUNTAIN REGION - POTASSIUM SALTS
Hydrogeologic basis for using electric prospecting in the search for potassium salts in the Transcarpathian region. I. B. Dolichanov. Geol. zhur. 22 no. 5:90-94 '62.

ARPATHIAN MOUNTAIN REGION - RHODODENDRON
Rhododendron kotschyi Simk. with double flowers. A. S. Tarasenko. Okh. bot. zhur. 16 no. 1:114 '61.

ARPATHIAN MOUNTAIN REGION - ROCK SALT
The hydrothermal method of converting salt-free rock of the Transcarpathian region into potassium sulfate and other products. S. B. Shcherbakov'skyi. Pyat. nauch. sess. [Sb.] Chernovtsy, 1961. no. 1:90-94 '61.

ARPATHIAN MOUNTAIN REGION - SPEEDWELL
Veronica serpyllifolia L. ssp. humifusa (Dicks. ex Leers) Rouy, a new subspecies in the flora of the Ukrainian S.S.R. found in the Carpathians. I. A. Maly. Ukr. bot. zhur. 16 no. 1:119 '62.

ARPATHIAN MOUNTAIN REGION - SULFUR
Accumulation of sulfur deposits in the Carpathian Mountain region. V. I. Kuznetsov. Razved. i okh. nedr 28 no. 5:9-11 My '62.

ARPATHIAN MOUNTAINS - FOREST MANAGEMENT
Measures for the improvement of forests in the Ukrainian Carpathians. S. A. Hennadiy, A. A. Hirnia, Vlasnyk sil'hospr. nauky 5 no. 1:50-53 Mr '62.

ARPATHIAN MOUNTAINS - SHEEP BREEDS
Increasing wool production of Carpathian coarse wool sheep of the "hooked" breed. V. I. Turok. Vlasnyk sil'hospr. nauky 5 no. 1:76-81 Mr '62.

ARPATHIAN MOUNTAINS - SPRUCE - DISEASES AND PESTS
Effect of the method of felling on the mass propagation of bark beetles in the spruce forests of the Carpathians. D. F. Rubtsov, V. I. Heleshpol'skyi, N. I. Vasechko. Vlasnyk sil'hospr. nauky 5 no. 1:50-57 Mr '62.

ARPATHO-UKRAINE see Transcarpathia

ARPENTER, MALCOLM SCOTT, 1925
People and events. Nov. vrem. 30 no. 23:2 Je '62.

ARPENTRY
Stroitel'nata stantsiia iunykh tekhnikov, Moscow. [Make it yourself for the home] Sdelai' sama doma [Moskva] Izd-vo "Detskii mir," 1962. 1 fold. l. (Prilozhenie k zhurnalu "Iunyi tekhnik," no. 6(122))

ARPENTRY--STUDY AND TEACHING
Let's give more attention to exercises. V. Beliaev. Prof.-tekh. obr. 19 no. 4:22-23 Ap '62.

CARROTS
Using fermented seeds in growing carrots and onions and the biological properties of dried fermented seeds. P. P. Chavarev, N. A. Bedukha. Trudy Inst. sad. AN Tadzh. SSR. 7:167-186 '60.

CARTILAGE--DISEASES
Data from histological studies in Kashin's disease [with summary in English]. B. K. Bezprozvannyi, S. K. Zubarchuk. Vest. khir. i inf. 87 no. 7:37-42 My-Ap '62.

CARTOGRAPHY
V. V. Kavraiskiy's "Selected works." Reviewed by A. A. Pavlov. Vest. LGU 17 no. 6:157-160 '62.

CARYOCINESIS see Karyokinesis

CASE HARDENING
Introducing automatic control of oxyacetylene hardening of cylindrical gear. M. A. Tylkin, P. P. Konenko, M. G. Frankkin. Biul. TSNIICHM no. 9:17-19 '60.

Layer by layer determination of nitrogen in nitrided steel. R. A. Savel'eva. Trudy TSNII MPS no. 127:94-98 '61.

CASEIN
Cultivation of the plague bacterium on media of acid casein hydrolysate demineralized using an ion exchange resin [with summary in English]. I. L. Bakhlakh and others. Zhur. mikrobiol., epid. i immun. 33 no. 3:51-55 Mr '62.

CASH REGISTERS
Ticket and cash register. M. Shkol'nikov. Mekh. transp. 21 no. 3:46 Mr '62.

CASPIAN LOWLAND - POTASSIUM
Potassium potential of Kungurian halocidite deposits of the northern Caspian Lowland and the southern Cis-Ural region. S. M. Kornienskii. Trudy VSEGEI 97:147-157 '61.

CASPIAN LOWLAND - SNAKES
Determining the number of the spotted Malpolon monspessulanus Hermann in the western part of the Caspian Lowland [with summary in English]. K. V. Martino. Zool. zhur. 41 no. 1:145-147 Ja '62.

CASPIAN SEA - GRAVITY PROSPECTING
Semigraphical method of construction hyperbolic networks in geodetic operations using radio waves. M. I. Rainysh, R. I. Volkova. Geofiz. razved. no. 6:121-129 '61.

CASPIAN SEA - INVERTEBRATES
Growth of the Caspian Sea fauna. G. B. Zevina. Priroda 51 no. 1:110-119 Ap '62.

CASPIAN SEA - RADIOACTIVE PROSPECTING
Submarine radiometric surveying of the sea floor. M. V. Pelaikov, A. N. Shatnov. Geol. nefti i gaza 6 no. 5:50-54 My '62.

CASPIAN SEA - WATER LEVEL
Appearance of a representative of the Mediterranean polychaetids in the Caspian Sea [with summary in Eng. Ital.] I. D. Mordukhai-Boltovskoi. Zool. zhur. 41 no. 2:289-290 F '62.

CASPIAN SEA REGION - FOLDS (GEOLOGY)
Mesozoic folding in the low-lying part of the Caspian-Kuban region. Kh. D. Dzhafarov. Geol. nefti i gaza 6 no. 1:42-45 My '62.

CASPIAN SEA REGION - PLAGUE
Recent changes in the landscape foundation complexes on the shores of the Caspian Sea and the effect of these changes on spreading of plague epizootics [with summary in English]. A. A. Lavrovskii. Zool. zhur. 41 no. 2:255-259 F '62.

CASSITERITE
Paragenesis of cassiterite-sulfide ores. V. I. Chalnikov. Geol. rud. mestorozh. no. 3:75-78 My-Je '62.

CAST IRON - HARDENING
New method of age hardening iron castings with the help of thermal stresses. O. M. Kotelnikhnikh, I. I. Oberman, A. M. Gerchikov. Lit. proizv. no. 4:41-42 Ap '62.

CAST IRON - METALLOGRAPHY
Girshovich, N. G., ed. [Production and properties of cast iron with spheroidal graphite] Polucheniie i svoistva chuguna s sharovidnym grafitom. Moskva, Mashgiz, 1962. 351 p.

CAST IRON - METALLURGY
Votovik, G. A. [Treatment of cast iron in the ladle] Vnedoennaia obrabotka chuguna. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1961. 132 p.

CASTING, CONTINUOUS see Continuous casting

CASTLES see subdivision under Ukraine

CASTRATION
Biological stimulation and ellipsotomy in fattening swine. A. A. Buz'ko, I. A. Ruban, I. D. Kravchenko. Veterinariia 38 no. 1:23-24 Ja '61.

Castration of mature rams. M. A. Khanin. Trudy AZVI 9:218-232 '56.

Effect of castration and almestrol on inducing cancer of the uterus in rats with 9, 10-dimethyl-1, 2-benzanthracene [with summary in English]. I. I. Charkviani. Vop. onk. 8 no. 3:82-86 '62.

Surgical and radiological castration in cancer of the mammary gland. S. A. Abal'nik. Vop. onk. 8 no. 4:97-100 '62.

CATALASE
Effect of different forms and doses of irradiation on the catalase and peroxidase activity of rabbit blood. M. A. Durakhvelidze. Soob. AN Gruz. SSR 28 no. 1:33-39 Ja '62.

CATALOGING
Cataloging documentary materials of the Central State Archives of the R.S.F.S.R. T. P. Korzhikhina. Vop. arkh. 7 no. 1:71-74 Ja-Mr '62.

International Conference on Cataloging Principles, Paris, October 9-18, 1961, resolutions. Sov. bibl. no. 1:30-38 '62.

CATALOGING--CONGRESSES
International Conference on Cataloging Principles. V. A. Vasilevskaia, N. A. Lavrova, G. G. Efimov. Sov. bibl. no. 1:24-30 '62.

CATALOGS, UNION
"Organization and methodology in compiling printed union catalogs of current foreign periodicals." Reviewed by G. M. Pleskii, L. M. Molochko. Sov. bibl. no. 1:62-64 '62.

CATALYSIS
Induction period in homogeneous-catalytic reactions. K. B. Altshuller, Izv. vys. uchab. zav., khim. i khim. tekh. 5 no. 1:54-57 '62.

Nature of selective action of a silver catalyst in the reactions of moderate oxidation. Ill. Vol. N. A. Shishkov. Izv. AN SSSR. Otd. khim. nauk no. 4:586-591 Ap '62.

New selective catalytic reaction for the detection of copper ion [with summary in English]. M. IA. Shapiro. Zhur. anal. khim. 17 no. 3:240-240 Mr-Apr '62.

Use of calculating machines in the control of catalytic processes. M. G. Slin'ko, G. M. Ostrovskii. Khim. prom. no. 3:159-159 Mr '62.

CATALYSTS
Activation of metallic catalysts. Report No. 1: Concepts of the origin of free valences in metals. M. A. Landau. Izv. AN SSSR. Otd. khim. nauk no. 1:502-506 Ap '62.

Calculating the pneumatic transportation of solid catalysts. I. M. Razumov. Khim. i tekh. topl. i masel 7 no. 4:41-48 Ap '62.

Composition of products of toluene destructive hydrogenation in the presence of high temperature catalysts. I. V. Kalechits, K. A. Pavlova. Trudy Vost.-Sib. fil. AN SSSR no. 35:15-18 '61.

Molybdenum and tungsten catalysts for the isomerization of paraffin hydrocarbons. G. N. Maslianskii, N. R. Buralan. Zhur. prikl. khim. 35 no. 4:816-821 Ap '62.

Selective evaluation of the surface size of supported metallic catalysts. A. T. Agronomov, Ill. S. Moldanhiev. Vest. Mosk. un-ta. Ser. 2 Khim. 17 no. 2:31-32 Mr-Ap '62.

Study of the initial stage of the process of methane conversion at high pressures. A. G. Lezhnin, T. D. Shorina. Khim. prom. no. 3:159-165 Mr '62.

CATALYSIS, IRON
Chemical mechanism of naphthalene hydrogenation over iron catalysts. Vel'Shi pin, Tszian Bin-mai. Trudy Vost.-Sib. fil. AN SSSR no. 39:56-60 '61.

CATAMARANS
Inspired by a noble dream. B. Ivanov. Mlad. tekh. 6 no. 7:8-9 My '62.

CATECHOL
Catechins. A. I. Kurbanov, M. N. Zaprometov. Zdorov'e 8 no. 1:6-7 Ap '62.

CATHEDRALS see subdivision under Kiev

CATHETERS
Catheterization of some blood vessels in rabbit and cat experiments. S. A. Selezniov. Fiziol. zhur. 48 no. 3:305-311 Mr '62.

Diagnosis of mitral and aortic stenoses by the method of catheterization of the left cavities of the heart and aorta [with summary in English]. F. G. Uglov and others. Kardiologiia 2 no. 2:11-23 Mr-Ap '62.

Rubber catheter with an outlet tube for obtaining urine from cows. A. V. Vlasovskaia. Veterinariia 37 no. 8:86-87 Ag '60.

X-ray study of the lesser circulation in mitral stenosis compared with data from a cardiac catheterization [with summary in English]. M. A. Ivanitskaia, Ill. S. Petrosian. Kardiologiia 2 no. 2:44-53 Mr-Ap '62.

CATHODE RAY OSCILLOGRAPH
Use of a photographic attachment with a cathode oscillograph on a photokymograph [with summary in English]. D. P. Martinkhin. Biul. eksp. biol. i med. 53 no. 4:121-122 Ap '62.

CATHOLIC CHURCH see subdivision under Vietnam, South

CATHOLIC CHURCH--SOCIETIES, ETC.
Koval'skii, N. A. [International Catholic organizations] Mezhdunarodnye katolicheskie organizatsii. Moskva, Izd-vo In-ta mezhdunarodnykh otnoshenii, 1962. 199 p.

S—DISEASES
inical manifestation and treatment of *Notoedres* infection of cats F. Kh Musina, K. M. Fliseev Trudy AZVI 202-204 '56

TTLE—DISEASES AND PESTS
see also subdivision under Azerbaijan; Georgia)

renii in piroplasmosis and francaiellosis of cattle N. N. Evplov, I. N. Tiga, V. I. Mihonenko, Veterinariia 37 no. 8 24 Ag '60.

omparative therapeutic and prophylactic effectiveness of berenil in hemosporidia infections in cattle. E. M Marutian. Veterinariia 37 no. 8;22-23 Ag '60.

oes a virus cause leucosis in cattle? V. M. Bergol'ts. Priroda 52 no. 1;102-104 Ap '62.

loof diseases in cattle and swine" by A. F. Burdeniuk. Reviewed by V A. Nikanorov. Veterinariia 37 no. 10-86-37 O '60.

the Scientific Technical Council of the Ministry of Agriculture of the U.S.S.R. Veterinariia 38 no. 1 93-94 Ja '61.

cision of abscesses in traumatic reticulitis of cattle. K. D. Kifin. Veterinariia 38 no. 1 57 Ja '61.

eucosis in cattle. N. T. Vasil'ev Veterinariia 37 no. 12-19-21 D '60

se of berenil in Hemosporidia *infections of cattle*. P. A. Lavrent'ev. Veterinariia 37 no. 8-21-22 Ag '60.

ibriosis of farm animals. A. A. Sysoev. Veterinariia 38 no. 1 82-84 Ja '61.

TTLE—FEEDING AND FEEDS
(see also subdivision under Orenburg Province)
eeding value of distillers' waste enriched with ammonium lactate [with summaries in English, German, and French]. I. K. Slesarev, Iu. S. Shkunkova Vest sel'khoz. nauki 7 no 2:81-88 F '62.

TTLE—GRADING
sing standard measurements for judging the *conformation* of cattle T. F Tavildarova, M. F Gerdienko. Trudy AZVI 9:24-35 '56.

TTLE BREEDING
(see also subdivision under Latvia)
sing inbreeding in the development and improvement of *lines* of cattle. A. B. Ruzhevs'kyi Visnyk sil'hosp. nauky 5 no. 3 64-69 Mr '62.

UCASUS—CEPHALOPODA, FOSSIL
inds of rhyncholites in Lower Cretaceous sediments of the southeastern Caucasus R A Aliev. Paleont zhur no 4 160-162 '61.

UCASUS—CRUSTACEA, FOSSIL
arasite Canceripustula nocens in the Late Jurassic sea urchins. A N Solov'ev. Paleont zhur. no. 4 115-119 '61

UCASUS—DRIFT
'onference on the recent and ancient glaciation of the Caucasus. B. A. Budagov, D. A Lilienberg. Izv. AN Azerb. SSR Ser. geol.-geog. nauk no 6;169-171 '59.

UCASUS—EROSION
'osion of soils in some river basins on the southern *slope of the Greater* Caucasus (within the Azerbaijan S. S. R.) [with summary in English]. Kh M. Mustafaev Pochvovedenie no. 1 90-93 *Ap* '62.

UCASUS—FOLDS (GEOLOGY)
echanisms of the formation of minor folds and their genetic types A. V. Dolitskii. Izv. AN SSSR Ser. geol 27 no 4;56-65 Ap '62.

UCASUS—GADIDAE, FOSSIL
'aleogadus genus (cod) from the Khadum horizon in the *Caucasus* L. I Novitskaia Paleont. zhur. no 4 120-130 '61.

UCASUS—GEOLOGY, *STRUCTURAL*
gneous activity and ore mineralization in the Caucasus. G. M. Zaridze Sov. geol. 5 *no. 3;55-65 Mr* '62.

UCASUS—KARST
sing geoelectric methods for studying karst as revealed by the studies carried out in the Vorontsovskiye caverns. I. A. Brashnina Inform. sbor Mezhd. kom. po izuch geol geogr. kar no. 1 164-173 '60.

UCASUS—MOLYBDENUM
eochemistry of molybdenum in the Dali-Dag intrusive (Lesser Caucasus). G. Kh. Efendiev, A. S. Geidarov. Izv. AN Azerb. SSR Ser. geol.-geog. nauk no. 6;91-101 '59.

UCASUS—ORE DEPOSITS
leological and structural features of complex metal deposits *in the eastern* part of the central Caucasus. V. A. Mel'nikov. Sov geol. 5 no. 4 15-27 Ap '62.

UCASUS—PARASITES—SEA URCHINS
'arasite Canceripustula nocens in the Late Jurassic sea urchins. A. N. Solovlev. Paleont. zhur. no. 4 115-119 '61.

UCASUS—PLANTS, ORNAMENTAL
Charkevych, S. S. [Caucasian ornamental spring plants under natural conditions and in cultivation in the Ukraine] Vesniani dekoratyvni rosliny Kavkazu v pryrodi ta v kul'turi na Ukraini. Kyiv, Vyd-vo Akad. nauk URSR, 1962. 150 p.

CAUCASUS—SEISMOLOGY
Seismicity of the eastern part of the southern spurs of the Greater Caucasus and some problems of methodology in studying the seismicity of individual regions Report No 1. A M Bagdasarova and others. Izv AN Azerb SSR Ser geol.-geog nauk no 6 121-131 '59

CAUCASUS—SKIS AND SKIING
"Pearl of Caucasus," Smena 39 no 8 28-29 Ap '62

CAUCASUS—ZEOLITES
Kazakh complex of zeolite-bearing volcanic rocks (Lesser Caucasus) R. N Abdullaev. Izv AN Azerb. SSR Ser geol.-geog nauk no. 6;37-50 '59.

CAUCASUS, NORTHERN—AGRICULTURE—CONGRESSES
Soveshchanie rabotnikov sel'skogo khoziaistva oblastei, kraev i avtonomnykh respublik Severnogo Kavkaza, Rostov-on-Don, 1962. [Put the wealth of land resources in the service of the motherland] Bogatstva zemli - na sluzhbu Rodine, materialy. Moskva, Izd-vo M-va sel'. khoz. RSFSR, 1962, 151 p.

CAUCASUS, NORTHERN—AMMONOIDEA
Ontogenetic development of some Anisic ceratites in the Caucasus A A Shevyrev. Paleont zhur no 4 71-85 '61.

CAUCASUS, NORTHERN—APPLE—WATER REQUIREMENTS
Effect of saturation irrigation in early fall on the growth and fruit bearing of apple trees G. A. Gariagin Agrobiologiia no 2 292-293 Mr-Ap '62

CAUCASUS, NORTHERN—DESMANS, FOSSIL
A new water mole species from the Pliocene in Ciscaucasia V A. Topachevskii. Paleont zhur no. 4 131-137 '61.

CAUCASUS, NORTHERN—GALENA
Structural characteristics of galenite in the Elbrus and Chocha-Kulak deposits N I Shumskaia. Trudy VSEGEI 60 145-151 '61.

CAUCASUS, NORTHERN—INSCRIPTIONS, ARABIC
Materials on Arabic epigraphs in northern Caucasus L. I. Lavrov. Sbor. muz. ant. i etn. 20;173-187 '61.

CAUCASUS, NORTHERN—METALS, RARE AND MINOR
Geochemistry of thallium, rubidium, and lithium in igneous processes [with summary in English]. N. T. Voskresenskaia and others Geokhimiia no 3;249-259 '62.

CAUCASUS, NORTHERN—MINERALS
Grossgeim, V. A. [History of ferrigenous *minerals* in the Mesozoic and Cenozoic of the Northern Caucasus and Ciscaucasia] Istoriia terrigennykh *mineralov* v mezozoe i kainozoe Severnogo Kavkaza i Predkavkaz'ia. Leningrad, Gos. nauchno-tekhn. izd-vo neft. i gorno-*toplivnoi lit-ry* Leningr. otd-nie, 1961. 375 p. (Leningrad. Vsesoiuznyi neftianoi nauchno-issledovatel'skii *geologo*razvedochnyi* institut. Trudy, no. 180)

CAUCASUS, NORTHERN—MOLLUSKS, FOSSIL
First find of fossil Strobilopsidae (Mollusca, Pulmonata) in the U. S. S. R A A Skoklov Paleont. zhur no 4 50-54 '61.

CAUCASUS, NORTHERN—PALEONTOLOGY, STRATIGRAPHIC
Fauna from the shale strip of the Kholkinskoye deposit (Northern Caucasus) and its use for the correlation of some geological cross sections N. A. Savchenko, L. V. Sibirskova. Izv. AN SSSR Ser. geol. 27 no. 4;97-100 Ap '62

CAUCASUS, NORTHERN—PETROLEUM GEOLOGY
Prospects for exploring lithological oil pools in Lower Maikop sediments of the northwestern Caucasus. K. S. Maslov. Geol. nefti i gaza 6 no. 4;29-36 Ap '62.

CAUCASUS, NORTHERN—SCAPHOPODA, FOSSIL
New scaphopod species from the middle Eocene in the *Northern Caucasus*. R. L Merklin Paleont zhur. no. 4:156-158 '61.

CAUCASUS, NORTHERN—SORGHUM
Sorghum in the arid zone of the Northern Caucasus [with summaries in English, German, and French]. A. A. Akhmedov. Vest. sel'khoz. nauki 7 no. 2;64-68 F '62.

CAUCASUS, NORTHERN—TEXTILE FABRICS, BYZANTINE
Silk with the image of Bahram Gur from the burial *ground* "Moshchevaia Balka" (Northern Caucasus) [with summary in English]. A. A. Ierusalimskaia. Trudy Gos. Erm. 5:40-50 '61.

CAUCASUS, NORTHERN—WHEAT—FROST RESISTANCE
Methods for breeding frost-resisting varieties of winter wheat for the steppe regions of the Northern Caucasus. P. P. Lukianenko. Agrobiologiia no 2;168-176 Mr-Ap '62.

CAUCASUS, NORTHERN—WORLD WAR, 1939-1945
"With a Leica and a notebook" by G. Galdovskii, A. Uzilian. *Reviewed by L. Eremeev.* Sov. voin 44 no. 8;18 Mr '62.

CAUCASUS IN LITERATURE
Vinogradov, B. S. [The Caucasus in L. N. [illegible] Kavkaz v tvorchestve L. N. Tolstogo. [Gr[illegible] cheno-ingushskoe knizhnoe izd-vo, 1959. (NNC)

CAULIFLOWER—DISEASES AND PESTS
Pathogen of cauliflower leaf spot in the [illegible] Sydorenko. Mikrobiol. zhur. 23 no. [illegible]

CAUSATION
"Causality and expendiency in animate [illegible] Frolov. Reviewed by N. N. Zhukov-V[illegible] filos. 16 no. 4:176-180 '62.
Nichyk, V. M. [Dialectical materialism [illegible] causation] Dialektychnyi materializm pr[illegible] prychynnosti. Kyiv, Vyd-vo Akad nauk [illegible] 122 p. (NN)

CAVE DRAWINGS see subdivision under Ural[illegible]

CAVE FAUNA see subdivision under Dal[illegible] Transcaucasia

CAVES see subdivision under Angara Vall[illegible] region, Pinega region (Archangel Pro.[illegible])

CAVES—CONGRESSES
Second Speleological Congress in Italy [illegible] 1958 N I. Sokolov. Inform sbor. Mezh[illegible] izuch. geol geogr. kar. no. 1 224-225 '[illegible]

CAVITATION
Effect of phase constitution on the cavitat[illegible] of bronze. I. N. Bogachev, R I Mints [illegible] Metalloved. i term. obr. met no. 4 28-31 Ap '[illegible]
Physical nature of the "sound of rotation" [illegible] propeller in the presence of cavitation [illegible] rov. Akust. zhur 8 no. 1 34-41 '62
Principles for selecting steel in hydraulic [illegible] facture. I. N. Bogachev, R. I. Mints Energ[illegible] stroenie 8 no. 4:27-30 Ap '62

CECUM—TUMORS
Case of lipoma of the cecum. G. I. Strunin[illegible] *Kazakh* 22 *no. 2;73-74* '62

CEDAR
Anatomy of the adnate roots of two species [illegible] summary in English]. L. I Loteva R. P I[illegible] G. D [Aroslavtsev. Trudy GNBS 32 81-[illegible]

CELL DIVISION (BIOLOGY)
Autoregulation in cytology; organization of [illegible] division V. IA. Aleksandrov. TSitologiia [illegible] Ja-F '62
Conditions of the origin and course of [illegible] corneal epithelium of mice in vitro L. A Ushin Kurskaia, N. I. Fedoruk. TSitologiia 4 no [illegible] Ja-F '62
Daily changes in the mitotic activity in [illegible] mary in English]. N. V. Krasil'nikova, L. [illegible] biol. i med. 53 no. 4:100-104 Ap '62.
Regime of cell divisions in the epithelium of the [illegible] glands at various stages of the estrus cycle [illegible] from high and low cancer lines [with summary in [illegible] lish]. S. S. Laguchev. Biul eksp biol i med [illegible] no. 3:93-97 Mr '62.

CELL DIVISION (BIOLOGY)—CONGRESSES
Second conference on problems of regeneration and [illegible] T. B. Timashkevich. Pat. fiziol. i eksp. terap 5 [illegible] 81-84 N-D '61.

CELL NUCLEI
Residual proteins in nuclei of normal and tumor cells I. B. Zbarskii, L. P. Ermolaeva, N. P. Dmitrieva. [illegible] med. khim. 8 no. 2;218-221 Mr-Ap '62.

CELLULOSE
Phosphorylated polysaccharides. Part 1 Pr[illegible] of cellulose by transesterification of esters of [illegible] phosphorus acids [with summary in English]. Vysok[illegible] soed. 4 no. 2;242-245 F '62.
Problems in the modern chemistry of cellulose. A. A Rogovin. Zhur. VKHO 7 no 2:154-163 '62
Study of the acetylation of cellulose on the basis of changes of the electric conductivity of the acetylat[illegible] *mixture*. E. L. Akim Zhur. prikl khim 35 no. 3 605-612 Mr '62.

CELLULOSE-DECOMPOSING BACTERIA *see Bacteria* Cellulose-decomposing

CELLULOSE LIQUOR see Sulfite liquor

CELLULOSE XANTHATES
Kinetics of decomposition of cellulose xanthate and of formation of sodium trithiocarbonate *in viscose* K. A. Khurgina, A. B. Pakshver. Khim. volok. no. 3;25-33 '62.

CEMENT—TRANSPORTATION see subdivision under Rostov-on-Don

CEMENT INDUSTRIES see subdivision under Kuban

MENT PLANTS
(see also subdivision under Chimkent)
Dispatcher's flow sheets for cement work. F A Gliazer Eterg. stroi no 25 59-60 '61.

MENTATION (METALLURGY)
Cementation method used for the concentration and determination of microquantities of some metals. S L Dobychin, V B Aleskovskii. Trudy LTI no 40:45-48 '58.
Studying the kinetics of the extraction of metal traces from solutions by the cementation method S L Dobychin, V B Aleskovskii Trudy LTI no 46:34-44 '60.
Studying the process of copper cementation from a nickel electrolyte with a varying multiple of nickel powder consumption. B. V. Lipin. TSvet. met. 35 no 3 34-37 Mr '62.

METERIES—LAW AND LEGISLATION
Health regulations on the layout and maintenance of cemeteries Gig i san. 26 no 5 125-127 My '61

NSORSHIP
History of the publication of I. A. Fedosova's "Lamentation on the village elder." K V. Chistov. Sov. etn. no. 2:120-121 Mr-Ap '62

NTAUREINAE
Taxonomy of the genus Centaurea L. s. l. [with summary in English]. D M Dobrochaieva, M I. Kotov Ukr. bot. zhur. 19 no 1 39-44 '62.

NTO see Central Treaty Organization

NTRAL ASIA see Asia, Central

NTRAL ASIA, SOVIET see Soviet Central Asia

NTRAL RUSSIAN UPLAND—PEAR—VARIETIES
Comparative winter hardiness of pear varieties of the Central Russian Upland A. D. Danilov Nauch. zap VLTI 21,102-111 '60.

NTRAL TREATY ORGANIZATION
Iran: the neutrality movement is growing [with English summary in insert]. K. Ivanovskii. Az. i Afr. sog. no. 4:21-23 Ap '62.

NTRIFUGAL PUMPS
Effect of gas on the operation of stages of sinking centrifugal pumps. P. D. Liapkov Trudy VNII no. 39,59-69 '59.
Making a gas separator of a sinking centrifugal pump. P. D. Liapkov. Trudy VNII no. 39:39-58 '59
Selecting the inlet diameter for centrifugal fans and pumps. A. G. Rychkov. Prom. neroidn. no. 21:98-105 '62.

NTRIFUGAL PUMPS—TESTING
Investigating operating conditions of self-suction centrifugal pumps with vortex wheels V. G. Kovalenko, S. I. Shvetsov. Vest. mash. 42 no. 2:32-37 F '62.

NTRIFUGAL REGULATORS see Governors (Machinery)

PHALOPODA, FOSSIL
(see also subdivision under Caucasus)
Factors determining the distribution of fossil cephalopod shells R A. Reiment Paleont. zhur no. 1 12-16 '61

RAMIC INDUSTRIES—ACCOUNTING see subdivision under Izhevsk

RAMIC INDUSTRIES—LABOR PRODUCTIVITY
Gartsman, B. M. [Labor productivity in the structural ceramics industry] Proizvoditel'nost' truda v promyshlennosti stroitel'noi keramiki. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 134 p.

RAMIC MATERIALS
Effect of the degree of dispersion and mineralogical composition of porcelain masses on their elasticity modulus G. N Maslennikova. Zhur. prikl. khim. 35 no. 3:520-523 Mr '62
Use of filtering ceramics. M. P. Starichenko. Khim. volok. no. 2:52-53 '62.

RAMIC METALS
(see also subdivision under Lvov Economic region)
Machining powdered-metal porous materials by cutting. A. IA. Artamonov, L. V. Zabolotnyi. Vest. mash. 42 no. 2:67-70 F '62.

RAMIC METALS—METALLOGRAPHY
Rakovskii, V. S. [Fundamentals of powder metallography] Osnovy poroshkovogo metallovedeniia. Moskva, Gos. nauchno-tekhn. izd-vo Oborongiz, 1962. 87 p.

RAMIC PLANTS see subdivision under Kazakhstan

RAMICS
Casting ceramic parts without gating. A. G. IAkovlev. Av. Prom. 26 no. 8:37 '57.

REBELLUM
Changes in the radiosensitivity of nervous tissues. P. F. Minaev, O. F. Logvinova. Radiobiologiia 2 no. 3: 259-264 '62.
Electrical reactions of the various strata of the cerebellar cortex during the excitation of the visceral nerves. N. V. Bratus'. Fiziol. zhur. 48 no. 3:303-308 Mr '62.

CEREBRAL CORTEX
Anodic surface polarization effect on motor reaction and on the character of the discharges from individual cortical cells [translated from the English]. Frank Morrell Fiziol. zhur. 48 no. 3 251-263 Mr '62.
Comparative effect of substances stimulating and blocking the choline reactive systems on the bioelectrical activity of the cortex and reticular formation of the brain [with summary in English]. P. P. Denisenko Farm. i toks. 25 no. 1,8-15 Ja-F '62.
Dynamics of changes in the electric rhythms of the cerebral cortex following lesions of the reticular formation of the brain stem S P. Narikashvili, E. S. Moniava Soob AN Gruz. SSR 28 no 1:81-88 Ja '62.
Effect of excitation of the cerebral cortex and reticular formation on the rate of blood coagulation, factor V content and change in the electrical activity of the brain. A. A. Markosian, G. A. IAkunin. Fiziol. zhur. 48 no. 3 271-276 Mr '62.
Electroencephalographic study of the cortical representation of the genital system in the process of labor in human subjects. L. I. Lebedeva. Fiziol zhur. 48 no. 3 290-302 Mr '62.
Paired and separate work of the cerebral cortex in dogs. V. M. Moseidze, M. A. Kuchava Soob AN Gruz. SSR 28 no. 1:89-96 Ja '62
Sorptive properties of the cerebral cortex in anesthesia [with summary in English]. Z. M. Zhevlakova. Biul. eksp. biol. i med. 53 no. 4:71-74 Ap '62.
Study of the excitability of the motor zone of the cerebral cortex in rats with different sensitivity to convulsants. S. A. Doline, G. P. Konradi. Dokl. AN SSSR 143 no 6 1459-1461 Ap '62.

CEREBROSPINAL FLUID
Composition of the cerebrospinal fluid during treatment for tuberculous meningitis without the subarachnoid administration of medicinal substances [with summary in French]. V. A. Firsova. Probl. tub. no. 3:35-44 '62.
State of cerebrospinal fluid in animals after a single suboccipital puncture. I H. Biloguidov Visnyk sil'hosp nauky 5 no 3 119-120 Mr '62.

CEREBROSPINAL FLUID—MICROBIOLOGY
Bacteriological studies of the cerebrospinal fluid during the combined treatment of tuberculous meningitis in children. V. I. Ermolov. Probl. tub. no. 3 86-93 '62.

CEREBROVASCULAR DISEASES
Catamnestic data on patients with transitory disorders of the cerebral circulation [with summary in French]. K. F. Kanareikin, I. S. Kurilenko. Zhur. nevr. i psikh. 62 no. 1:32-35 '62.
Characteristics of conditioned and unconditioned vascular reflexes in acute disorders of the cerebral circulation [with summary in French]. Kh. Kh IAruilla, Z. A. Solov'eva. Zhur. nevr. i psikh. 62 no. 1:51-58 '62.
Clinical and anatomical parallels in asymmetries of temporal arterial pressure [with summary in French]. L. A. Areshnikova Zhur nevr. i psikh. 62 no 1,24-27 '62.
Iron content of the blood serum in the cerebral form of hypertension [with summary in French]. L. R. Nozdrukhina Zhur. nevr. i psikh. 62 no. 1:66-69 '62.
Lipoproteins in the blood serum in different types of disorders of the cerebral circulation [with summary in French]. A. A. Mittel'shtedt and others. Zhur. nevr. i psikh. 62 no. 1:50-65 '62.
Problem of regional cerebral hypertension. Report No. 1: Comparison of data from palpation and mechanocardiographic methods [with summary in French] V. A. Raibshtein. Zhur. nevr. i psikh. 62 no. 1:28-31 '62.
Serotonin content of the blood of psychiatric patients and its changes in the process of treatment [with summary in French] L. I. Lando, IU. L. Zakharina, L. B. Krupenina. Zhur. nevr. i psikh. 62 no. 1:99-107 '62.

CERIUM—ANALYSIS
Determination of cerium in magnesium alloys. V. N Tikhonov. Izv. vys. ucheb. zav., khim. i khim. tekh. 5 no. 1:31-37 '62.
Determination of small amounts of cerium in cast iron and steels. I. E. Lev, M. S. Kovtun. Zav. lab 28 no. 3: 273-274 '62.

CERIUM SALTS
Preparation of sodium cerium periodate. I. P. Alimarin, I. V. Pavdronkova, O. A. Shiriaeva. Vest. Mosk. un. Ser. 2:Khim. 17 no. 2:61-62 Mr-Ap '62.

CESAREAN SECTION
Cesarean section in cows. I. Prandzhev. Veterinarila 37 no. 8:55-57 Ag '60.
Course of the postoperative period in cesarean section in patients with late pregnancy toxemias. A. I. Burkhanov. Sbor. nauch. rab. Kaf. akush. i gin. GMI no. 1:62-64 '60.
Repeated cesarean section according to data from the Obstetrics and Gynecology Clinic of Gorkiy Medical Institute for the last ten years. A. I Burkanov. Sbor. nauch. rab. Kaf. akush. i gin. GMI no 2:63-65 '60.

CESIUM—ISOTOPES
Determination of radioactive cesium by ferrocyanide. A. IA. Geil'man, L. Z. Kalmykov. Radiokhimia 4 no. 1 107-110 '62.

CESIUM—SPECTRA
Spectral determination of lithium and cesium in the flame of thermite tablets. V. B. Aleskovskii and others Trudy LTI no. 16:90-93 '58.

CESIUM COMPOUNDS
Heterotripolyhalides of alkaline elements with closely related properties and their role in the production of pure rubidium and cesium compounds V. E. Plyushchev and others Dokl. AN SSSR 143 no. 6:1364-1367 Ap '62.

CESIUM OXIDE
Sublimation of cesium oxide from pollucite during its sintering with lime in vacuo. A. G. Motina and others Zhur. prikl. khim 35 no 3 661-666 Mr '62

CEYLON—EDUCATION
Schools of Ceylon on the upsurge T. Polozova Sov. pedag. 26 no 4 154-159 Ap '62.

CEYLON—PETROLEUM INDUSTRY
Against the predominance of foreign monopolies [with English summary in appendix]. IU. Alekseev. Vneshn. torg. 42 no. 4:16-22 '62.

CHADYR-LUNGA DISTRICT—STOCK AND STOCKBREEDING
We should explore every avenue. F. Lobytov. Komm Mold. 7 no 3 27-29 Mr '62.

CHAETETIDAE see subdivision under Moscow region

CHAIKA, ANDRONIK ARKHIPOVICH, 1881-
Honored Scientist Professor A. A. Chaika, on his 80th birthday. O. V. Preskura. Urologiia no. 6 83-84 '61.

CHAIKOVSKII, PETR IL'ICH, 1840-1893
Dolzhanskii, A. N. [Music of Chaikovskii; symphonic works] Muzyka Chaikovskogo, simfonicheskie proizvedeniia. Leningrad, Gos. muzykal'noe izd-vo, 1960. 287 p. (Nauchno-populiarnye proizvedeniia)

CHAIN-BELTING see Link-belting

CHAINS—TESTING
Experimental investigation of the wear of chain-hinge parts under abrasive contamination conditions I I Ivashkov. Trudy i izv. mash. no. 16 51-60 '62

CHALCID FLIES see subdivision under Erivan, Uzbekistan

CHALCOGENIDES
Disproportionation in the solid phase seen responsible for the luminescence capacity of metal chalcogenides of the zinc subgroup. A. A. Bundel'. Izv. AN SSSR Ser fiz. 26 no. 4 527-531 Ap '62

CHALCOGENIDES—ELECTRIC PROPERTIES
Photo-e. m. f. in arsenic chalcogenides. R. Andreichin, B. T. Kolomiets Fiz. tver tela 4 no 3:814-815 '62

CHALCONE
Synthesis of nitrofuran analogs of methoxychalcones and their vinylogs. V. F Lavrushin, S. V. TSukerman, A. I. Artemenko. Zhur. ob. khim. 32 no. 4 1329-1331 Ap '62

CHALCOPYRITE see subdivision under Ural Mountains

CHAMBER ORCHESTRA see subdivision under Moscow

CHANGE OF LIFE IN MEN see Climacteric

CHANGE OF LIFE IN WOMEN see Menopause

CHANY DISTRICT—COURTS
From the work experience of a "council of people's assessors." O. Martynov. Sov. iust. no 5:17 Mr '62.

CHAPAEV, VASILII IVANOVICH, 1887-1919
Kadishev, A. B. [V. I. Chapaev, the legendary hero of the civil war] V. I. Chapaev - legendarnyi geroi grazhdanskoi voiny, stenogramma publichnoi lektsii, prochitanni 2 sentiabria 1948 goda v TSentral'nom lektorii Obshchestva v Moskve. Moskva, Izd-vo "Pravda," 1948. 23 p.

CHARACTER RECOGNITION SYSTEMS see Perceptrons

CHARCOAL
Physicochemical properties of charcoal. Report No. 2. V. N. Kozlov, O. V. Bronzov, F. IA. Vekshegonov. Izv. vys. ucheb. zav., les. zhur. 4 no. 6:147-153 '61.

CHEBOKSARY—DISTRIBUTIVE EDUCATION
For close contact with practice. I. Stoliar. Sov. potreb. koop. 6 no. 4,34 Ap '62.

CHEBOKSARY—OPERA
"Chapaf." E. Zhukova. Teatr 23 no. 5:104-105 My '62.

CHEBYSHEV POLYNOMIALS
Convergence of a generalized interpolation polynomial. V. N. Rusak. Dokl. AN BSSR 6 no. 4:209-211 Ap '62.

CHECHEN LANGUAGE—MORPHOLOGY
IAkovlev, N. F. [Morphology of the Chechen language] Morfologiia chechenskogo iazyka. Groznyi, Checheno-ingushskoe knizhnoe izd-vo, 1960. 236 p. (Grozny. Checheno-Ingushskii nauchno-issledovatel'skii institut istorii, iazyka i literatury. Trudy, vol. 1)

CHECHEN-INGUSH A. S. S. R. —HEMOSPORIDIA
Comparative therapeutic and prophylactic effectiveness of berenil in hemosporidin infections in cattle. E. M. Marutian. Veterinariia 37 no. 8:22-23 Ag '60.

CHECHEN-INGUSH A. S. S. R. —OIL SANDS
Hydrodynamic relationship among separate parts of thick fractured reservoir rocks. N. P. Lebedinets and others. Geol. nefti i gaza 6 no. 4:52-55 Ap '62

CHEESE
Using blood protein of slain animals in the production of dietetic cheeses. V. I. Riakhovskii. Trudy AZVI 9 287-290 '58.

CHEKHOV, ANTON PAVLOVICH, 1860-1904
"Chekhov and medicine" by I. M. Getzer, "Medicine in the works and life of A. P. Chekhov" by E. B. Meve. Reviewed by A. Chudakov. Vop. lit. 6 no. 4 211-215 Ap '62

CHELYABINSK—RETAIL TRADE
Our experience and our difficulties. I. Ustinov. Sov. torg. 35 no. 4 6-9 Ap '62

CHELYABINSK—TECHNICAL EDUCATION
Closer tie-up of production education creates more stable habits. A. Dorofeev. Avt. transp. 10 no. 4, 48-19 Ap '62.

CHELYABINSK—TRACTOR INDUSTRY—AUDITING AND INSPECTION
Public bureau of economic analysis works with a clear purpose in view. V. Zotov. Bukhg. uchet 19 no. 4: 43-14 Ap '62.

CHELYABINSK BASIN—COAL MINES AND MINING—AUDITING AND INSPECTION
Public bureau of economic analysis works with a clear purpose in view. V. Zotov. Bukhg. uchet 19 no. 4. 43-44 Ap '62.

CHELYABINSK BASIN—EXCAVATING MACHINERY—ELECTRIC DRIVING
Conditions of safe servicing of electric equipment with a 6000 v. potential in pits of the Korkinugol' Trust. B. P. Belykh, V. K. Akhlustin, R. B. Avrinskii. Izv. vys. ucheb. zav., gor. zhur. 5 no. 2 131-131 '62.

CHELYABINSK BASIN—MINE RAILROADS
Use of a 200 ton electric locomotive in pit haulage. V. E. Parunakian, V. V. IAsiuchenia, V. N. Lozinskii. Izv. vys. ucheb. zav., gor. zhur. 5 no. 2 128-130 '62.

CHELYABINSK GOVERNMENT—REVOLUTION, 1917-1921
Korneenkov, S. N., comp. [Chelyabinsk Government during the period of military communism, July 1919 - December 1920; documents and materials] Chelabinskaia gubernila v period voennogo kommunizma, iiul' 1919-dekabr' 1920 gg.; dokumenty i materialy. [Chelliabinsk] Chelliabinskoe knizhnoe izd-vo, 1960. 705 p.
(CSt-H)

CHELYABINSK PROVINCE—CONTAINERS
Let's liquidate the losses on containers. M. Bareev. Sov. potreb. koop. 6 no. 1 24-25 Ap '62

CHELYABINSK PROVINCE—GRAIN—TRANSPORTATION
Heavy tractor trains in grain transportation. P. Klishin. Avt. transp. 40 no. 4:13-14 Ap '62.

CHELYABINSK PROVINCE—HISTORICAL MUSEUMS
Tkalich, D. I. [Through the museums of Chelyabinsk Province] Po muzeiam Chelinbinskoi oblasti. [Chelliabinsk] Chelliabinskoe knizhnoe izd-vo, 1961. 95 p.

CHELYABINSK PROVINCE—MANUAL TRAINING
Let's teach them to work creatively. A. Grai. Prof.-[illegible] no 4:10-11 Ap '62.

WINCE—TEACHING
repeating students" Book review.
20 Ap '62.

OVINCE—YOUTH—EMPLOYMENT
ngress] N. Sonnov. Komsom. zhizn'
2.

3
m pairs and properties of X-substituted
unds and their radicals. IU. G. Papulov.
143 no. 6:1305-1308 Ap '62.
V = O multiple bond in vanadyl ions.
lokl. AN SSSR 143 no. 6:1403-1405 Ap

bonds in γ-silicon organic acids.
silylpropionic acid. D. N. Andreev, B. N
its. Zhur. ob. khim. 32 no. 4.1275-1277

NEERING see subdivision under

NEERING—EQUIPMENT AND SUPPLIES
nery manufacture] Ref. zhur. Otd. vyp.
inostr. nos. 6-10 Mr-My '62.
regulators for heat and chemical en-
). Arutiunov and others. Priborostroenie
'62.

CHEMICAL EQUILIBRIUM
Chemical equilibrium in the synthesis of ammonia from nonstoichiometric mixtures. D. S. TSiklis, A. I. Kulikova. Khim. prom. no. 3:172-171 Mr '62

CHEMICAL GEOLOGY see Mineralogy, Determinative

CHEMICAL INDUSTRIES
(see also subdivision under Andizhan, Communist Countries)
Bushuev, V. M., and G. V. Uvarov. [Soviet chemical industry during the current seven-year plan] Sovetskaia khimicheskaia promyshlennost' v tekushchem semiletii. Moskva, Izd-vo ekon. lit-ry, 1962. 107 p.
The chemical industry and its prospects. N. Fedorenko. Kommunist 39 no. 8 44-53 My '62.
Determining the aggregate expenditure of labor in the chemical industry. I. Mashinskii. Sots. trud 7 no. 1 53-59 Ja '62
"History of chemical enterprises and chemical industries in Russia up to the end of the 19th century" by P. M. Lukianov. Reviewed by A. IA. Averbukh. Zhur. prikl. khim. 35 no. 4:926-928 Ap '62.
Workers of various specialities in chemical industry. V. Krevnevich. Prof.-tekh. obr. 19 no. 3 19-20 Mr '62.

CHEMICAL INDUSTRIES—ACCOUNTING see subdivision under Aktyubinsk

CHEMICAL INDUSTRIES—CONGRESSES
All-Union Conference of Workers of the Chemical Industry. G. A. Markovich. Kauch i rez. 21 no. 4:52 Ap '62.

CHEMICAL KINETICS see Chemical reaction, Rate of

CHEMICAL LABORATORIES
(see also subdivision under Leningrad)
"Techniques of work with mercury under laboratory conditions" by P. P. Pugachevich. Reviewed by D. N. Vaskevich. Zav. lab. 28 no. 3:390-391 '62.

CHEMICAL LABORATORIES—EQUIPMENT AND SUPPLIES
Glasses with high thermal resistance for chemical laboratory wares and apparatus. S. K. Dubrovo and others. Zhur. prikl. khim. 35 no. 3 669-671 Mr '62

CHEMICAL REACTION, RATE OF
Kinetics of nitrogen oxidation in a direct shock wave. Iu. S. Salasov. PMTF no. 1:61-67 Ja-F '62
Theory of flame velocity in systems with chain reactions. A. G. Istratov, V. B. Librovich. PMTF no. 1 68-75 Ja-F '62.

CHEMICAL REACTORS
Intensifying the heating of reactors when liquid high temperature heat carriers are used. B. L. Livshits, V. O. Fogel'. Lakokras. mat. i ikh prim. no. 1 74-78 '62.

CHEMICAL REDUCTION see Reduction, Chemical

CHEMICAL STRUCTURE
Conjugation and orderliness as factors affecting semiconducting properties of polymers. A. A. Dulov and others. Dokl. AN SSSR 143 no. 6:1355-1357 Ap '62.

CHEMICAL TECHNOLOGY see Chemistry, Technical

CHEMICAL TESTS AND REAGENTS
Effect of the state of zirconium in solution on its interaction with organic reagents. A. K. Babko, G. I. Gridchina. Zhur. neorg. khim. 7 no. 4:889-895 Ap '62.
Organic reagents as indicators in precipitation chromatograms. V. D. Kopylova, N. M. Morozova, K. M. Ol'shanova. Izv. vys. ucheb. zav., khim. i khim. tekh. 5 no. 1:22-25 '62.

CHEMICAL WARFARE
Volunteer Society of the Friends of Chemical Defense and the Chemical Industry. Voen. znan. 38 no. 4:40 Ap '62.

CHEMICAL WARFARE—SAFETY MEASURES
Guard the protective material. I. Kolitada, S. Dolodonov. Voen. vest. 41 no. 4:86 Ap '62.
This is very important. P. Podzakhodnikov. Voen. vest. 41 no. 3:35-36 Mr '62.

CHEMICALS—SAFETY MEASURES
Segal, A. IA. [Handling of nitro and amino compounds] Pamiatka po obrashcheniiu s nitro- i aminoproduktami. Moskva, Goskhimizdat, 1961. 19 p. (Pamiatka po tekhnike bezopasnosti)

CHEMISTRY
History of the development of chemistry in our country. A. M. Konovalov. Trudy Semipal. med. inst. 2 157-173 '59.
M. V. Lomonosov and chemistry of the 18th century. S. A. Pogodin. Vop. ist. est. i tekh. no. 12:28-43 '62.
Minsk. Universitet. [Works of the Chemistry Faculty] Trudy khimicheskogo fakul'teta. Minsk, Izd-vo Belgosuniv. im. V. I. Lenina, 1960. 143 p.

CHEMISTRY—ABSTRACTS
[Chemistry] Ref. zhur.: Khim. nos. 7-8 Ap '62.

CHEMISTRY—BIBLIOGRAPHY see Bibliography—Chemistry

CHEMISTRY—PHILOSOPHY
Subject and objectives of chemistry in the definitions of M. V. Lomonosov. N. A. Figurovskii. Vop. ist. est. i tekh. no. 12 22-27 '62

CHEMISTRY, ANALYTICAL
Evaluation of analyses of leads of similar isotopic composition. K. K. Zhirov, V. S. Urusov. Dokl. AN SSSR 143 no. 6:1432-1434 Ap '62.
M. V. Lomonosov and analytical chemistry. I. P. Alimarin, M. G. Tsimupa. Vop. ist. est. i tekh. no. 12:51-61 '62

CHEMISTRY, ANALYTICAL—BIBLIOGRAPHY see Bibliography—Chemistry, Analytical

CHEMISTRY, ANALYTICAL—CONGRESSES
Conference on extraction in analytical chemistry. L. V. Seriakova. Zhur. anal. khim. 17 no. 2:269-271 Mr-Ap '62

CHEMISTRY, ANALYTICAL—LABORATORY MANUALS
Borisov-Pototskii, S. A. [Qualitative semimicroanalysis; laboratory manual] Kachestvennyi polumikroanaliz, praktikum. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 254 p.
Lur'e, IU. IU. [Manual on analytical chemistry] Spravochnik po analiticheskoi khimii. Moskva, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1962. 287 p.
Polees, M. E. [Laboratory practice in analytical chemistry] Rukovodstvo k prakticheskim zaniatiiam po analiticheskoi khimii. Moskva, Medgiz, 1962. 71 p.

CHEMISTRY, ANALYTICAL—QUANTITATIVE
"Quantitative inorganic analysis" by R. Belcher and S. J. Nutten. Reviewed by I. P. Efimov. Zhur. anal. khim. 17 no. 2:267-268 Mr-Ap '62

CHEMISTRY, FORENSIC
Forensic chemical determination of phenothiazine derivatives, survey of the literature. A. A. Novikova. Apt. delo 11 no. 1 61-64 Ja-F '62.

CHEMISTRY, INORGANIC
Development of N. S. Kurnakov's concepts on chemical individuality in modern inorganic chemistry. V. I. Mikheeva. Zhur. neorg. khim. 7 no. 4,712-721 Ap '62
"Quantitative inorganic analysis" by R. Belcher and S. J. Nutten. Reviewed by I. P. Efimov. Zhur. anal. khim. 17 no. 2:267-268 Mr-Ap '62

CHEMISTRY, LEGAL see Chemistry, Forensic

CHEMISTRY, METALLURGIC
Studying the effect of inhibitors on the rate of dissolution of aluminum and steel parts in hydrochloric acid solutions. S. A. Balezin, A. M. Dobychina. Uch. zap. MGPI no. 146:176-182 '60

CHEMISTRY, ORGANIC
Research on the history of the theory of chemical structure and the scientific heritage of A. M. Butlerov in the U. S. S. R. G. V. Bykov. Vop. ist. est. i tekh. no. 12: 165-169 '62

CHEMISTRY, ORGANIC—LABORATORY MANUALS
Lazur'evskii, G. V., I. V. Torent'eva, and A. A. Shamshurin. [Practical work in the chemistry of natural compounds] Prakticheskie raboty po khimii prirodnykh soedinenii. Moskva, Gos. izd-vo "Vysshaia shkola." No. 1. [Methods of isolation, separation, and identification] Metody vydeleniia, razdeleniia i identifikatsii. 1961. 191 p.

CHEMISTRY, ORGANIC—SYNTHESIS see subdivision under Japan

CHEMISTRY, PHYSICAL AND THEORETICAL
Elementary chemical processes. V. N. Kondrat'ev. Priroda 51 no. 4:42-47 Ap '62.
M. V. Lomonosov as the founder of physical chemistry. S. V. Kaftanov. Vop. ist. est. i tekh. no. 12:14-50 '62.

CHEMISTRY, TECHNICAL
Modern chemical technology and its objectives in the light of the decisions of the 22d Congress of the CPSU. S. I. Vol'fkovich. Vest. Mosk. un. Ser. 2: Khim. 17 no. 2 3-14 Mr-Ap '62.
Seminar on chemical cybernetics. P. G. Kuznetsov. Zav. lab. 28 no. 3:336-337 '62

CHEMOTHERAPY
Effectiveness of ambulatory chemotherapy in tuberculosis of the lungs [with summary in French]. K. P. Prosvirnov, E. G. Tikhomirova. Probl. tub. no. 3:58-63 '62.

CHEREMIS LANGUAGE—SYNTAX
Yoshkar-Ola, Mariiskii nauchno-issledovatel'skii institut iazyka, literatury i istorii. [The modern Mari Language; syntax of the complex sentence] Sovremennyi mariiskii iazyk; sintaksis slozhnogo predlozheniia. Ioshkar-Ola, Mariiskoe knizhnoe izd-vo, 1961. 159 p.

CHERENKOV RADIATION
Radiation at a velocity beyond that of light. B. M. Bolotovskii. Priroda 51 no. 4:106 Ap '62.

CHEREPOVETS—IRON AND STEELWORKERS—EDUCATION AND TRAINING
Methodological commission of metallurgists. A. Osolodkii Prof.-tekh. obr 19 no 4 24 Ap '62

CHERIKOV—EDUCATION, COOPERATIVE
We prepare our students for their future work. V. Kamandzenka. Nar. asv no. 3 36-41 Mr '62.

CHERKASSY—EDUCATIONAL RESEARCH
From a research club to graduate work M. V. Moiseenko. Vest. vys. shkoly 20 no 4:62 Ap '62

CHERKASSY PROVINCE—AGRICULTURE
Our march toward a high standard of living. V. Kovalenko. Komm. Ukr. 37 no. 1 81-82 Ap '62.

CHERNIGOV—SOCIAL GROUP WORK
"Saturday gatherings" in Chernigov Valentyna Tkachenko. Ukraina no. 10:18 My '62.

CHERNIGOV PROVINCE—AGRICULTURAL ADMINISTRATION
Let's improve the guidance of agriculture P. Doroshenko Part. zhizn' no 9 8-14 My '62

CHERNOV, DMITRII KONSTANTINOVICH, 1839-1921
New materials on D. K. Chernov A. Adelkan-Chernova, A. S. Fedorov. Vop. ist. est. i tekh. no. 12 189-195 '62.

CHERNOVTSY PROVINCE see Bukovina

CHERNOZEM SOILS
(see also subdivision under Kanbalynskiy District)
Phosphorus content of Chernozem and Sierozem soils. M. Tuliakanov Vestnyk sil'khoz. nauky 5 no 3 97-100 Mr '62.

CHERNYSHEVSKII, NIKOLAI GAVRILOVICH, 1828-1889
Author of an anonymous article in "Kolokol" on N. G. Chernyshevskii. I. E. Semenova. Izv. AN SSSR, Otd. lit. i iaz. 21 no. 2, 143-146 Mr-Ap '62

CHERSONESE (CITY)—SALT MINES AND MINING
Salt industry in Chersonese during the period of late antiquity, from the first of the fourth century A. D. V. I. Kadeiev. Arkheologiia 13:80-94 '61.

CHESS—END GAMES
Last chance. IU. Averbakh. Znan. sila 37 no. 4:48 Ap '62.

CHESS—TOURNAMENTS
Sixty winners. A. Khavin. Znan ta pratsia no 4:31 Ap '62

CHEST—SURGERY
Reaction of the heart to intrathoracic surgery during intubation anesthesia (from electrocardioscopic data). I. S. Zhuravskii. Grud. khir. no 2:61-65 '62.

CHIATURA REGION—MANGANESE MINES AND MINING
Methods of selective mining of manganese ores in working very thick seams. I. I. Zurabishvili, V. A. Kalandadze. Gor. zhur. no. 4:33-35 Ap '62.

CHICKEN CHOLERA
Elimination of chicken cholera. G. V. Mal'tsev. Veterinariia 38 no. 1:46 Ja '61.

Live vaccine against pasteurellosis of poultry and materials on its testing. A. V. Masiukov, I. IA. Glebova. Veterinariia 38 no. 1:47-51 Ja '61.

CHICKENS see Poultry

CHIGGERS (MITES) see subdivision under Kazakhstan; Uzbekistan

CHILD PLACING see Adoption

CHILD STUDY
Akademiia pedagogicheskikh nauk RSFSR, Moscow. Institut psikhologii. [Psychology of student personality] Voprosy psikhologii lichnosti shkol'nika. Pod red. L. I. Bozhovich i L. V. Blagonadezhinoi. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1961. 405 p.

CHILDBIRTH
A gift of humanity; a popular science film. V. Tret'iakov, B. Lebedev. Zdorov'e 8 no. 3:32 Mr '62.

CHILDBIRTH—PSYCHOLOGY
Anesthesia in labor with promedol and isopromedol in connection with psychoprophylactic preparation. H. T. Khmyz. Ped., akush. i gin. 23 no. 6:47-49 '61.

CHILDREN
(see also subdivision under Cuba)
For peace and a bright future of children. Z. Timofeeva. Agitator no. 10:15-16 My '62.

Mishka goes to kindergarten. V. Pomerantsev. Sem'ia i shkola 17 no. 4:17-20 Ap '62.

CHILDREN—CARE AND HYGIENE
(see also subdivision under Bulgaria)
Effectiveness of toughening children under nursery conditions. N. E. Rudkivs'ka. Ped., akush. i gin. 23 no 3: 30-34 '61
"Preventing bad posture in children" by A. G. TSeitlin and others. Reviewed by O. N. Aksenova. Teor. i prak. fiz. kul't. 25 no. 3:80-81 Mr '62.

To be published. Sem'ia i shkola 17 no. 4:47 Ap '62.

CHILDREN—DISEASES
(see also subdivision under Semipalatinsk)
Additional training of pediatricians is a vital factor in reducing morbidity and mortality among children. I. L. Frenkel', V. O. Gotlib Zdrav. Ros. Feder. 6 no. 3 21-23 Mr '62
Cholecystitis in children. V. P. Bistarina. Zdorov'e 8 no. 4 22-23 Ap '62
Chronic nonspecific pneumonia in children. P. D. Tambovtsev. Feld. i akush. 27 no 3:8-11 Mr '62
Metabolism of aromatic amino acids in children with acute leucosis [with summary in English]. A. IA. D'iachkova, N. S. Kisliak Vop. med. khim. 8 no 2,144-149 Mr-Ap '62.
Nosov, S. D. [Textbook of infectious children's diseases] Uchebnik detskikh infektsionnykh boleznei. 2. izd. Moskva, Medgiz, 1961. 351 p. (DNLM)
Novoselova, R. S. [The electrocardiogram in acute infectious diseases in children] Elektrokardiogramma pri ostrykh infektsionnykh zabolevaniiakh u detei Moskva, Medgiz, 1962. 179 p. (DNLM)
"Rheumatic fever in children" by B. I. Gurvich. Reviewed by A. V. Dolgopolova. Biul. Ucn. med. sov. 3 no. 2:41-42 Mr-Ap '62.

CHILDREN—DISEASES—DIAGNOSIS
Diagnostic errors in treating children with various diseases I. S. Smilan Ped., akush. i gin 23 no. 6:22-23 '61.

CHILDREN—EMPLOYMENT
(see also subdivision under Germany, East, Germany, West)
Effect of planned work lessons on the functional state of the cardiovascular system of students in a boarding school. T. P. Bezverkha. Ped., akush. i gin. 23 no. 6: 23-25 '61.
Energy consumption in boarding school students in pioneer camps [with summary in English] V. V. Maksimov. Gig. i san 26 no. 5 33-37 My '61
Hygienic evaluation of the conditions under which eight-year school students do agricultural work. E. M. Belostotskaia and others. Shkola i proizv. 6 no. 3 62-65 Mr '62.
Hygienic evaluation of various working routines of students at agricultural camps A. D. Khramtsova, L. B. Shestakova Gig. i san 26 no. 5 102-105 My '61
Work routine of students during industrial training [with summary in English]. R. G. Sapozhnikova, N. M. Popova, E. I. Korenevskaia Gig. i san 26 no 5 28-33 My '61

CHILDREN—INSTITUTIONAL CARE
Organization of nutrition in pediatric institutions. V. F. Vedrashko. Med. sestra 21 no. 4:16-22 Ap '62

CHILDREN—LANGUAGE
Language of our children. T. Napol'nova. Sem'ia i shkola 17 no. 4, 36-37 Ap '62.
Rau, E. F. [Inculcating correct pronunciation in children] Vospitanie pravil'nogo proiznosheniia u detei. Moskva, Medgiz, 1961. 33 p. (Sovety roditeliam)

CHILDREN—MANAGEMENT
Children resemble the stars. L. Astashava. Rab. i stal. 38 no. 1:14-15 Ja '62.
Diary of a class adviser (to be continued) N. A. Mikhailova. Shkola-int no. 2:52-66 Mr-Ap '62
Editor's mail. Sem'ia i shkola 17 no. 4:41-43 Ap '62.
Even better than at home, yet.... V. Kazniatsova. Rab. i stal. 38 no. 1:15 Ja '62.
Law of your life V. Kliushnikov. Shkola-int no 2: 15-20 Mr-Ap '62.
A "nervous" child. L. Babachenka. Rab. i stal. 38 no. 1:22 Ja '62.
Rozanov, I. G. [Self-service of grade 1-4 students in school and at home; handbook for elementary school teachers] Samoobsluzhivanie uchashchikhsia I-IV klassov v shkole i sem'e, posobie dlia uchitelei nachal'nykh klassov. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1961. 134 p.
This also is a problem of great importance. R. Gurova. Rab. i stal. 38 no. 4:18-19 Ap '62.
"Where is the root of the evil?" by A. N. Protopopova. Reviewed by M. Gusatinskii. Sem'ia i shkola 17 no. 4:46 Ap '62.

CHILDREN—MORTALITY
Additional training of pediatricians is a vital factor in reducing morbidity and mortality among children. I. L. Frenkel', V. O. Gotlib. Zdrav. Ros. Feder. 6 no. 3:21-23 Mr '62.

CHILDREN—NUTRITION
Children's nutrition. T. S. Nevskaia. Zdorov'e 8 no. 3: 20-21 Mr '62.
Feeding of one- to three-year-old children. V. Vedrashko. Obshchestv. pit. no. 1:54-57 Ja '62.
Organization of nutrition in pediatric institutions. V. F. Vedrashko. Med. sestra 21 no. 4:16-22 Ap '62.
Role of a nurse of a children's or adolescents' institution in the sanitary inspection of food. A. G. Korepanov. Med. sestra 21 no. 4, 46-49 Ap '62.

To your health! A. Kaska. Obshchest. pit. no. 3:51 Mr '62.

CHILDREN, DEAF
Interaction of articulatory and digital kinesthesias in deaf children [with summary in English]. E. N. Martsinovskaia. Vop. psikhol. 6 no. 1, 101-112 Ja-F '62

CHILDREN AS ARTISTS
(see also subdivision under Bulgaria)
Creativeness of youth is blooming. L. A. Grekov Rad. shk. 41 no. 5:29-31 My '62
Looking at children's drawings . V. I. Kasiian Rad. shk. 41 no. 5 25-28 My '62.

CHILDREN IN FOREIGN COUNTRIES
Good morning, children! Ukraina no 10 4 My '62

CHILDREN IN LITHUANIA
Arnasius, Sinsys. [A mother's heart] Motinos sirdis. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 85 p. [In Lithuanian]

CHILDREN'S CLUBS
Club in a rural school. N. A. Gorev. Prep. ist. v shkole 17 no 3, 89-90 My-Je '62
Club of amateur numismatists. V. P. Ermilov. Prep. ist. v shkole 17 no 3 93 My-Je '62

CHILDREN'S FURNITURE
Hygienic features of the furniture of kindergartens in the city of Frunze, preliminary report. R. A. Nedviga. Sov. zdrav. Kir. no. 1:36-38 Ja-F '62

CHILDREN'S LITERATURE
"But education is a great work!" Anatolii Aleksin Bibliotekar' no. 4:40-42 Ap '62
Children's books on Lenin. Nar. obr no 4:112 Ap '62.

CHILDREN'S LITERATURE—BIBLIOGRAPHY see Bibliography—Children's literature

CHILDREN'S MUSEUMS see subdivision under Mogilev

CHILE—ECONOMIC CONDITIONS
Lymar, IU. V. [Chile] Chili. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1961. 37 p

CHILE—POLITICS AND GOVERNMENT
Laferte Gavino, Elias. [Life of a communist; pages of an autobiography. Translated from the Spanish] Zhizn' kommunista, stranitsy avtobiografii. Moskva, Gos. izd-vo polit. lit-ry, 1961. 318 p (C8t-H)
Lymar, IU. V. [Chile] Chili. Kyiv, Derzh. vyd-vo polit lit-ry URSR, 1961. 37 p.

CHIM (KAMASHI DISTRICT)—DELHI BOIL
Distribution of Borovskii's disease in the Chim rural soviet of the Kamashi District of Sukhan-darya Province M. Mirakhmedov, A. Terkulova. Med. zhur Uzb no 2 42-43 F '62.

CHIMKENT—CEMENT PLANTS
Speedy construction of the Lenin Cement Plant in Chimkent. M. Amstibovitskii. Ekon. stroi. no 3:37-40 Mr '62.

CHIMNEYS
Bordzenko, L. S. [Prefabricated domestic stoves and chimneys] Sbornye bytovye pechi i dymovye truby. Moskva, Gosstrolizdat, 1962 74 p.

CHINA—CARDIOVASCULAR SYSTEM—SURGERY
Status of surgery in diseases of the heart and vessels in China. Siut Le-tian' (Hsu Le-t'ien). Grud. khir no 2: 31-34 '62

CHINA—DESCRIPTION AND TRAVEL
Chinese scenes. M. Aslamazian, B. Preobrazhenskii. Neva no. 2:220-221 '62.
"Siberia and China" by Nikolai Milescu Spafarii Reviewed by V. S. Miasnikov. Nar. Azii i Afr no 2 225-228 '62.

CHINA—FISHERMEN
Favorable wind. A. Kozhin. Neva no. 1:158-164 '62.

CHINA—HISTORY
"How Chinese volunteers fought for the Soviet regime, 1918-1922"; "Participation of Soviet volunteers in the first revolutionary civil war in China, reminiscences." Reviewed by L. Kiuzadzhian. Novyi mir 38 no 1: 271-274 Ja '62.

CHINA—PEASANT UPRISINGS
Chinese historians discuss the question of peasant movements under feudalism. G. IA. Smolin. Nar. Azii i Afr. no. 2:192-200 '62.

CHINA—RAILROADS
The failure of American and Japanese expansion on the Chinese Eastern Railways, 1922-1923. N. S. Indukaeva. Nar. Azii i Afr. no. 2:114-119 '62.

CHINA—REVOLUTION, 1911-1912
Soviet historical literature on the Chinese revolution of 1911. L. M. Garushiants Nar. Azii i Afr. no. 2 168-183 '62.

CHINA—SILK—TERMINOLOGY
Some terms for silk tissues in ancient China [with summary in English]. L. N. Luho-Leanichenko. Trudy Gos. Ermi. 5:251-256 '61.

CHINA—THEATER
Rapprochement of styles B. Rostotskii Teatr 23 no 5,173-179 My '62

CHINA—TURKIC LANGUAGES
Account of a trip made to the Uigurs, Salars, and Sary-Yugurs. E. R. Tenishev Izv. AN SSSR Otd. lit i iaz 20 no. 2 180-184 Mr-Ap '61.

CHINESE ART see Art, Chinese

CHINESE PAINTINGS see Paintings, Chinese

CHIRCHIK—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK
"Talking" stand V Kudriakov Part. zhizn' [Uzb.] 5 no 2 67-68 F '62.

CHIRCHIK—INDUSTRIES
A city of youth V. Prishchepa Komsom. zhizn' no 8: 30-31 Ap '62

CHIRCHIK—LOESS
Distribution of sagging in loess when moistened with rainfall P P. Zabolotnyi. Osn., fund i mekh grun. 3 no. 6;10 '61

CHIRONOMIDAE
Taxonomy and specific composition of the genus Corynocera Zett. (Diptera, Tendipedidae) [with summary in English] A. A. Linevich. Ent oboz 41 no 1:198-205 '62

CHITA—STUDENT TEACHING
Students work as teachers. B. Babin. Agitator no.10 52-53 My '62.

CHKALOV see Orenburg

CHKALOV PROVINCE see Orenburg Province

CHLORELLA
Participation of phosphopyridine nucleotides in the respiration of Chlorella [with summary in English] L. O Einor, P. O Kolesnikov. Ukr. bot. zhur 19 no 1 31-36 '62

CHLORIDE OF LIME see Lime, Chloride of

CHLORIDES
Kinetics of iodine hydrolysis in chloride and bromide solutions G. R. Zalkind, S. I IAvorskii. Izv AN Turk SSR, Ser. fiz. -tekh. khim i geol nauk no. 2,56-64 '62.
Nature of internal chloride brines. L. N. Kapchenko. Sov geol. 5 no. 3;90-107 Mr '62
Using chlorides for winter maintenance of city areas. A. A. Simontan, L. S. Maukhin. Shor. nauch rab. AKKH no. 3;56-66 '60.

CHLORIDES IN THE BODY
Content of chlorides in the urine and blood of camels in water deficiency. B Kh. Bakhtiozina Izv AN Kazakh. SSR, Ser med. i fiziol no 1:37-41 '61

CHLORIDINE
Chloridine treatment of toxoplasmosis carriers. G. M. Gershkovich. Zdrav Turk 6 no. 1:24-27 Ja-F '62.

CHLORINATION
Chemistry of divinylacetylene and its halo derivatives Part 10: Chlorination of trichloroethylene, perchloroethylene, and benzene initiated by vinylacetylene hydrocarbons A. N. Al'panov, A. M. Gr[illegible] A. I. G[illegible]

CHLOROPHYLL
Dynamics of the chlorophyll content of needles and the oil content of seeds in the Scotch pine of various geographical origin I. F. Pravdin, K. G Shcherbina. Trudy Inst lesa i drev. 50:90-98 '61
Effect of the maximum absorption of chlorophyll in a completely formed adsorption monolayer. L. I Nekrasov, N I Kobozev, G G. Komissarov. Vest. Mosk. un Ser. 2,Khim. 17 no 2:31-32 Mr-Ap '62.
Paper chromatographic separation of chlorophyllide a, chlorophyllide b, and protochlorophyllide. L. I Vlasenok. Dokl. AN BSSR 6 no. 4:255-259 Ap '62.
Studies on the effect of ionizing radiation on the accumulation of chlorophyll in corn leaves L. A. Sevastianova Trudy TSSBS no 4 129-138 '60.

CHLOROSULFONYLATION
Radiative-chemical sulfochlorination of polyisobutylene R V. Dzhagatspanian, V. I Zetkin, V. S Fedchenko Plast massy no 5:6-9 '62.

CHLORPROMAZINE
"Aminazine in clinical and ambulatory practice" by G. A. Hevzorova. Reviewed by G V. Stollarov Sov. med 25 no 1,155-156 Ja '62.
Central and peripheral effect of aminazine [with summary in English]. E. A. Korneva, M. I. IAkovleva. Biul. eksp. biol. i med. 53 no. 4 78-83 Ap '62.
Effect of aminazine on hyperthermia produced by sulfozin. G I Zal'tsman, G P. Lenskii Izv AN Kazakh SSR Ser. med i fiziol no 2 96-100 '61
Effect of aminazine on the activity of the higher sections of the central nervous system in white rats. S. M. Makokina. Trudy Inst. vys. nerv deiat. Ser. patofiziol. no. 9:123-133 '61.
Effect of chlorpromazine (aminazine) in experimental nitrobenzene poisoning. Sulanit Pallade and others. Farm. i toks. 25 no. 1,103-108 Ja-F '62.
Effect of repeated administration of aminazine on the activity of the higher sections of the central nervous system of white rats in diphtheria intoxication. S. M. Makokina. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. no. 9 134-143 '61.
Histochemical changes in the reticular formation of the brain stem of animals under the influence of aminazine and imizine. IU. IA. Geinisman. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. no. 9:168-173 '61.
Use of aminazin in dermatological practice [with summary in English]. IU. S. Erdman. Vest. derm. i ven. no. 6, 23-25 '61.

CHOLAGOGUES
Morphological characteristics of the liver in relation to its functional state at the time of irradiation [with summary in English] N. V. Sokolova, T. I. Gorshenina. Arkh. pat no. 4;50-55 '62

CHOLERA, ASIATIC
Recovery of cholera-like Vibrio from the viscera of a patient who had died of acute enteritis. E. N. Golovko, G M. Agaev, M. F. Zykov. Zdrav. Tadzh 9 no 1 44-45 Ja-F '62.

CHOLESTEROL
Change in the conditioned reflex activity of dogs during prolonged cholesterol and methylthiouracil feeding [with summary in English]. N. Kudrinvtseva, T Lovingina, T. Sinitsina. Biul. eksp. biol. i med. 53 no. 4:46-49 Ap '62.
Effect of corn oil on the processes of fatty degeneration of the liver and biosynthesis of cholesterol in experimental atherosclerosis [with summary in English]. M. K. Mikushkin, A. P. Golikov, V. M. Pinchuk. Biul. eksp. biol. i med. 53 no. 4:53-56 Ap '62.

'soning on development of experimental [with summary in English]. L. K. Gig. i san. 27 no. 3:18-21 Mr '62.
Bunge preparations on the content of and its esters in the blood serum of No. 2. Sh. Zh. Zhangozin. Izv. AN med. i fiziol. no. 1, 60-65 '61.
on an antineoplastic preparation phe- mary in English]. L F. Larionov, A. Lesnaia. Vop. onk 8 no. 4:12-14

in the hypocholesterinemic action of summary in English]. K. A. Meshcher- dina. Farm. i toks. 25 no. 1:44-47

TABOLISM
olism in radiation sickness of dogs, A. Shaternikov. Radiobiologiia 2

ie and acetylcholine on blood luminesiridov. Fiziol. zhur. 48 no. 3:331-334

mulating substance (factor X) isolated ice of acetylcholine from a cardiac g from the right auricle of a rabbit. Fiziol. zhur. 48 no. 3:321-323 Mr

inesterase activity and magnesium conblood during pain stimulation of gastric orsea. S. I. Khudaev. Trudy AZVI

Heat resistance of muscles and cholinesterase and its correspondence to the temperature conditions of the specific environment of certain fishes. A. A. Kusakina TSitologiia 4 no 1 66-71 Ja-F '62.

CHONDRIOSOMES see Mitochondria

CHORAL SOCIETIES
(see also subdivision under Moscow)
On Russian folk choruses A Koposov. Sov muz 26 no 4 21-26 Ap '62.

CHOREA
Characteristics of separate forms of recurrent rheumatic chorea. P. V. Demidova Sov med. 25 no 1:145-147 Ja '62
Chorea in combination with gangrene of the fingers in polycythemia [with summary in French] N. K. Bogolepov. Zhur nevr. i psikh. 62 no 1:45-50 '62.

CHORION
Histochemical study of phosphatase and polysaccharides in the human chorion M. IU. Shapovalov, A. I. Brusylovskyi Ped. akush i gin 23 no 3 54-56 '61
Morphology and histochemistry of formed smooth human chorion during the course of normal pregnancy and in hydramnios [with summary in English]. V. N. Kytmanov Arkh anat. gist. i embr. 42 no 1:54-60 Ja '62.

CHORION—CANCER
Clinical aspects, diagnosis and treatment of chorioepithelioma according to data from the Gorkiy Obstetrics Gynecology Clinic of the Pediatrics Department from 1948 to 1958. A. F Dubolazko. Shor. nauch rab Kaf akush. i gin GMI no. 1:217-222 '60
Diagnosis, clinical aspects, treatment and late results in chorionepitheliomas of the female genital zone according to data from Gorkiy Hospital for the past ten years A M Mineeva. Shor nauch rab Kaf. akush i gin GMI no. 2 86-89 '60

CHORION—TUMORS
Birth of a live fetus in [a case of] hydatid mole. E. M Shitova. Shor nauch. rab. Kaf. akush. i gin. GMI no 1 136-140 '60.

CHROMAFFIN SYSTEM—RADIOGRAPHY
Histochemical changes in the enterochromaffin cells of the duodenum in acute radiation sickness [with summary in English]. N M. Nemenova, V. M Monteifel', G A Chernov. Biul. eksp. biol. i med. 53[i. e 53] no. 3 109-112 Mr '62

CHROMATOGRAPHIC ANALYSIS
Acetals and their identification in a thin layer by the chromatographic method. S. A. Kere, E. I. Shepelenkova, E. M. Chernova. Masl.-zhir. prom. 28 no. 3: 32-33 Mr '62.
Chromatographic analysis of heptachlor [with summary in English] S. M. Shogam and others. Zhur anal khim 17 no. 2;260-262 Mr-Ap '62
Chromatographic concentration of astatine. Van Futszian, Gan Men-khua, V. A Khalkin. Radiokhimiia 4 no, 1 94-98 '62.
Organic reagents as indicators in precipitation chromatograms. V. D. Kopylova, N. M. Morozova, K. M. Ol'shanova. Izv. vys. ucheb. zav., khim. i khim. tekh. 5 no. 1;22-25 '62.
Separation of acetylenic alcohols and glycols by means of thin layer chromatography on aluminum oxide. A A Akhrem and others. Izv. AN SSSR. Otd khim. nauk no 4 657-661 Ap '62.

CHROMIUM
Paramagnetic resonance of trivalent chromium in andalusite. V. M. Vinokurov and others Fiz. tver tela 4 no. 3,646-649 '62.

CHROMIUM—METALLOGRAPHY
Self-diffusion in chromium. L. I. Ivanov and others. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 2;164-169 Mr-Ap '62.

CHROMIUM ALLOYS—METALLURGY
Preparation of various alloys by metallothermy. Report No. 2 Preparation of chromium and its two-component alloys by aluminothermy. N G. Kiluchnikov Uch zap MOPI no 146:255-262 '60.

CHROMIUM-COPPER ALLOYS see Copper-chromium alloys

CHROMIUM HYDROXIDE
Study of chromium gels. Report No. 2; Properties of prepared chromium gel samples. N. V. Alekseevskaia, M. M. Dubinin. Trudy LTI no. 48;227-232 '58.

CHROMIUM-IRON ALLOYS see Iron-chromium alloys

CHROMIUM-MANGANESE STEEL—METALLURGY
Effect of additional alloying on the strength and toughness of chromium-manganese-silicon steel. M. P. Braun. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 2;107-112 Mr-Ap '62.

CHROMIUM-MANGANESE STEEL—THERMAL PROPERTIES
Effect of nitrogen on the heat resistance of multicomponent chromium-manganese alloys of a certain composition. F. N. Tavadze, M. D. TSkitishvili. Soob. AN Gruz SSR 28 no. 1;73-78 Ja '62.

CHROMIUM-MOLYBDENUM-NICKEL ALLOYS
Study of chromium-molybdenum-nickel alloys in the region of a solid solution on a chromium base. A. T. Grigor'ev, V. V. Kuprina Zhur neorg. khim 7 no 4, 942-945 Ap '62.

CHROMIUM-NICKEL ALLOYS—METALLOGRAPHY
Effect of the composition and structure of chromium-nickel steels and alloys on the formation of hot cracks in the weld zone. IU V. Sokolov and others Svar proizv no 4 12-17 Ap '62.

CHROMIUM-NICKEL-ALUMINUM ALLOYS see Nickel-chromium-aluminum alloys

CHROMIUM-NICKEL STEEL—HARDENING
Thermomechanical treatment of chromium-nickel-manganese austenitic steel. S. Z. Bokshtein and others. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 2, 15-21 Mr-Ap '62.

CHROMIUM OXIDES
Oxidation of Δ^3-carene by oxygen in the presence of chromic anhydride. B. A. Arbuzov, Z. G. Isaeva, N. D. Ibragimova. Izv. AN SSSR. Otd. khim. nauk no. 1 649-657 Ap '62

CHROMIUM PLATING
Device for chrome plating offset plates. A. N. Kosheley. Poligr. proizv. no. 11:23 N '61.

Electrodeposition of chromium. Part 1. Using a rotating disk platinum electrode. A. M. Ozerov. Izv. vys. ucheb zav., khim. i khim. tekh 5 no. 1 126-132 '62

Use of chromium plating for increasing the durability of friction members of a locomotive T. V. Larin, B. M. Astashkevich. Vest. mash. 42 no. 3:37-40 F '62.

CHROMIUM STEEL—METALLURGY
Use of titanium tailings in 18KhGT steel smelting. A. N. Vasil'ev, S. I. Bogachev. Biul. TSIICHM no 9 45-46 '60.

CHROMIUM STEEL—WELDING
Electric slag welding of 10Kh14NDL high chromium steel N. I. Kakhovskii, K. A. Ushchenko Avtom. svar. 15 no. 5:92-93 My '62.

CHROMIUM-TITANIUM-ALUMINUM ALLOYS see Titanium-aluminum-chromium alloys

CHROMOSOMES
Endomitosis and somatic polyploidy in mammals [with summary in English] L. N. Zhinkin. Arkh. anat. gist. i embr 42 no 1:3-21 Ja '62.

CHRYSOSTOMUS, JOANNES, Saint, Patriarch of Constantinople, 347-407
The universal Teachers. Priest-Monk Ioann (Kotliarovskii). Zhur. Monk. Patr. no. 3:53-60 F '62.

CHUCKS
Self-opening chuck for screwing stud bolts with a screwdriver. I. M. Stavitskii. Mashinostroenie no. 2:113 Mr-Ap '62.

CHUKCHI NATIONAL AREA—DESCRIPTION AND TRAVEL
Bulanov, V. A. [Day begins here; sketches] Zdes' nachinaetsia den'; ocherki. [Magadan] Magadanskoe knizhnoe izd-vo, 1961. 112 p.

CHUKCHI NATIONAL AREA—ORE DEPOSITS
Kuyvivayemo-Gyrgychan ore center and its geological features. S. F. Lugov Sov. geol. 5 no. 4, 28-39 Ap '62.

CHUKOTKA—INSURANCE, SOCIAL
Honored and secure.... O. Gubareva. Sots. obesp. 23 no. 4:53 Ap '62.

CHUKOVSKII, KORNEI IVANOVICH, 1882-
"The silver emblem" by K. Chukovskii. Reviewed by IUrii IAkovlev. Oktiabr' 39 no. 3:217 Mr '62.

CHULYM VALLEY—GEOLOGY, STRUCTURAL
Presence of Paleozoic troughs in the Chulym-Yenisey area of the West Siberian Plain. A. A. Bulynnikova. Trudy SNIIGGIMS no 1:18-26 '59.

CHUVASHIA—LIBRARIES
Together with the active members. A. Emel'ianov. Bibliotekar' no. 4:45-46 Ap '62

CHYDORUS
Lethal limits of oxygen content, temperature and pH for some representatives of the family Chydoridae [with summary in English] I. B. Bogatova Zool. zhur 41 no. 1:59-62 Ja '62.

CICADAS see subdivision under Forgana

CICATRICES
Serebrennikov, I. M. [Forensic medical study of skin scars] Sudebnomeditsinskoe issledovanie rubtsov kozhi. Moskva, Medgiz, 1962. 126 p. (DNLM)

CILIA AND CILIARY MOTION
Effect of ionizing radiation on the function of ciliate epithelium of the frog's esophagus. L. D. Klimovskaia. Radiobiologiia 2 no. 2:222-227 '62.

CIMMERIAN BOSPORUS (KINGDOM)—COINS
Gold staters coined during the reign of Paerisades II. V. Brabich Soob. Gos. Ermi. no. 21:48-51 '61

CINEFLUOROGRAPHY
Possibilities of fluorography and roentgenocinematography in diagnosing tumorous and nontumorous diseases of the lungs, esophagus and stomach in prophylactic examinations [with summary in English] L. M. Goldshtein, E. I. Prokof'eva Vest. rent. i rad. 37 no. 2 3-10 Mr-Ap '62.

X-ray cinematographic study in the diagnosis of diseases of the heart and vessels [with summary in English]. B. V. Petrovskii, I. Kh. Rabkin. Kardiologiia 2 no 2, 3-13 Mr-Ap '62.

CINNABAR
(see also subdivision under Tuva A.S.S.R.)
Spongy and dendritic cinnabar in ores of the Aktash deposit and conditions governing its formation [with summary in English] V. I. Vasil'ev. Geol. i geofiz no 2 77-86 '62

CINNAMIC ACID
Inhibiting action of sodium cinnamate in neutral media E. V. Bogatyreva, V. V. Nagaev. Zhur. prikl. khim. 35 no. 3, 550-553 Mr '62.

CIRCLE
Shkol'nik, A. G. [Problem of the division of the circle, textbook for teachers] Zadacha deleniia kruga, posobie dlia uchitelei. Izd. 3, Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 72 p.

CIRCUITS, BRIDGE see Bridge circuits

CIRCULATORY SYSTEM see Cardiovascular system

CIRRHOSIS HEPATITIS see Liver—Cirrhosis

CITIES AND TOWNS see subdivision under Uzbekistan

CITIES AND TOWNS, RUINED, EXTINCT, ETC. see subdivision under Dangara District; Latvia; Leningrad Province

CITRAL
Treatment of infected postnatal ulcers, perineal ruptures, and necrosis of the cervix uteri in parturients with citral. N. M. Osnos. Fed., akush. i gin 23 no 3, 58-60 '61.

CITY PLANNING
(see also subdivision under Moscow)
In support of efficient utilization of urban land. A. Ivanova. Strot. i arkhit. Mosk 10 no. 11, 25-27 N '61

CIVIC IMPROVEMENT see subdivision under Minsk

CIVIL DEFENSE
Ivanov, N. N. [Be prepared for antiaircraft defense] Bud' gotov k PVO. Izd. 2., perer. i dop. Moskva, Izd-vo DOSAAF, 1961. 135 p.

Russia (1923- U.S.S.R.) Shtab grazhdanskoi oborony. [How to defend oneself from a weapon of mass destruction] Kak zashchishchat'sia ot oruzhiia massovogo porazheniia. Moskva, Voen. izd-vo M-va oborony SSSR, 1962. 29 p.

Teach this way! Voen. znan 38 no. 4:38-39 Ap '62.

CIVIL LAW
The most important civil law V. Verdnikov, A. Kabalkin. Sots. zakon. 32 no 3:23-28 Mr '62

The reform of Soviet civil law T. M. Davletshin Mat. i osob. issl. otd. Inst. po izuch. SSSR no. 31:34-50 Ja '62.

CIVIL LIBERTY see Liberty

CIVIL PROCEDURE
(see also subdivision under Europe, Eastern)
"Collection of civil law and procedural documents." Reviewed by G. IAmenfel'd. Sov. iust., no. 6:29-30 Mr '62.

Preparation of the civil procedure code of the R. S. F. S. R. N. Buzanov. Sov. iust. no. 5:14-15 Mr '62.

Theoretical positions of the "Basic Principles of the Civil Procedure of the U. S. S. R. and the Union Republics." G. Dobrovol'skii. Sots. zakon. 32 no 3:29-34 Mr '62.

CLASSIFICATION—BOOKS—GEOGRAPHY
Moscow. Publichnaia biblioteka. [Library and bibliographical classification; tables for research libraries] Bibliotechno-bibliograficheskaia klassifikatsiia; tablitsy dlia nauchnykh bibliotek. Moskva.
No. 25. [Tables for geographical divisions] Tablitsy tipovykh delenii. 1961. 144 p.

CLAVICLE
Sexual dimorphism of the clavicles. S. T. Dzhigora. Sud.-med. ekspert. 5 no. 1:16-19 Ja-Mr '62.

CLAVICLE—CANCER
Late result of surgical treatment of sarcoma of the clavicle (one observation) [with summary in English] A. N. Berkutov, S. I. Il'enkov. Vop. onk. 8 no 4:80-83 '62

CLAVICLE—SURGERY
Surgical treatment of clavicle fractures. R. I. Palagina. Zdrav. Tadzh. 9 no. 1:28-29 Ja-F '62.

CLAY
(see also subdivision under Bukovina, Kobystan, Kugitang-Tau; Lenkoran Province, Uzbekistan)
Clay breakthroughs in mining A. P. Andrianov and others Izv. vys. ucheb. zav., geol. zhur no 3 15-18 '61

Highly active adsorbent for the regeneration of oils used in power engineering V. S. Komarov, N. F. Ermolenko Dokl. AN BSSR 6 no 4 229-232 Ap '62.

Problem of long-term resistance of argillaceous earths in faults S. R. Meschian Izv. AN Arm. SSR Ser. fiz.-mat. nauk 15 no 2 161-172 '62

CLAY INDUSTRIES—HYGIENIC ASPECTS
Influence of working conditions on the sexual sphere of women in porcelain production V. P. Veis Ped., akush. i gin 23 no 3:61-62 '61

CLAY MODELING see Modeling

CLAY PIPE see Pipe, Clay

CLEANING COMPOUNDS
Composition and properties of alkyl sulfonates obtained from condensates of Shebelinka gas condensate wells O. B. Volkova, M. P. Bespiatov. Masl.-zhur. prom. 26 no. 3 26-28 Mr '62.

Contamination of the skin with radioactive substances, and comparative effectiveness of some detergents [with summary in English]. L. A. Il'in. Gig. truda i prof. zab 4 no. 3, 28-32 Mr '60

CLEANING COMPOUNDS—PHYSIOLOGICAL EFFECT
"Action of detergents on the skin" [in German] by H. Stupel, A. Szakall Reviewed by I. IA. Volkind Gig. i san 26 no 5, 122-123 My '61.

CLEANING MACHINERY AND APPLIANCES
Hydraulic-impact press for cleaning atomizers. V. Zaluzhnyi. Avt. transp. 40 no. 4:55 Ap '62.

CLEMATIS see subdivision under Crimea

CLEMENS, SAMUEL LANGHORNE, 1835-1910
An evening in the Institute of World Literature dedicated to the 50th anniversary of the death of M. Twain. L. M. Zemlianova Izv. AN SSSR Otd. lit. i iaz. 20 no. 1: 93-94 Ja-F '61.

Unpublished literary legacy of Mark Twain. M. O. Mendel'son. Izv. AN SSSR. Otd. lit. i iaz. 20 no. 1:27-43 Ja-F '61.

CLIMACTERIC
Kogan, A. A. [Pathologic climacteric and its treatment] Patologicheskii klimakterii i ego lechenie. Tashkent, Gos. med. izd-vo M-va zdravookraneniia UzSSR, 1961. 66 p. (Biblioteka prakticheskogo vracha) (DNLM)

CLIMATOLOGY
(see also subdivision 'Climate' under East European Plain; Kara Kum, Kuznetsk Basin; Yalta)
Is the climate changing. V. A. Bugaev, A. L. Kats. Starsh.-serzh. no. 1 36-39 Ja '62.

CLIMATOLOGY, MEDICAL
Petrov, E. D. [Textbook of methods for the climatological treatment of tuberculosis] Metodicheskoe posobie po klimaticheskomu lecheniiu bol'nykh tuberkulezom. Moskva, Medgiz, 1961. 64 p. (DNLM)

CLINELYMUS see subdivision under Novosibirsk Province

CLINICAL MEDICINE see Medicine, Clinical

CLINICS
Supplementary remarks to a review of S. IA. Freidlin's "Municipal polyclinics." G. G. Alkhan-Kemal. Zdrav. Ros. Feder. 6 no. 3:41 Mr '62.

CLOCKMAKING AND WATCHMAKING see subdivision under Erivan; Minsk

CLOCKMAKING AND WATCHMAKING—ACCOUNTING see subdivision under Minsk

CLOCKS AND WATCHES—ABSTRACTS
[Precision instruments and testing equipment] Ref. zhur. Otd. vyp. 40: Prib. toch. mekh. i isp. ust. nos. 7-8 Ap-My '62.

CLOSTRIDIUM BOTULINUM
Determination of the immunogenic properties of sorbed botulin anatoxins types C and E on white mice [with summary in English]. A. A. Vorob'ev, E. P. Lukin, L. M. Samorodov. Zhur. mikrobiol., epid. i immun. 33 no. 3:123-127 Mr '62.

CLOSTRIDIUM PERFRINGENS
Biovetin in infectious enterotoxemia of sheep. IU. B. Safarov. Veterinariia 37 no. 12, 58-59 D '60.

Cultivation of Cl. perfringens on synthetic media [with summary in English]. V. F. Runova. Zhur. mikrobiol., epid. i immun. 33 no. 3:56-62 Mr '62.

Observations on the joint action of perfringens toxin and Proteus culture centrifugate in animal experiments [with summary in English]. IU. I. Donets. Zhur. mikrobiol., epid. i immun. 33 no. 3, 108-112 Mr '62.

CLOTHING, COLD WEATHER
Rationalization of sports apparel for ski racers [with summary in English]. A.A.Minkh, IU.B.Vadkovskaia, A.A.Mikenova. Gig.i san. 27 no.3 10-45 Mr '62.

CLOTHING, PROTECTIVE
(see also subdivision under Ivanovo)
Determining the toe stiffness of miner's boots. D.L. Fedukin, N.V.Zakharchenko, N.I.Orekhova. Kauch.i rez. 21 no.3,56-57 Mr '62.
Special clothing for protection against the action of preservative oils. S.O.Raikhman. Trudy TSNII MPS no.224,105-109 '62.

CLOTHING INDUSTRY
(see also subdivision under Bryansk; Crimea; Germany, East; Kazakhstan; Kronstadt; Leningrad; Moscow; Novosibirsk; Riga; White Russia)
Improve the training of clothing industry specialists. M.V.Udalov. Shvein.prom no.1:36-38 Ja-F '62.
Industrial training of secondary school students. S.Z. Berkovich. Shvein.prom. no.1:32-33 Ja-F '62.
Information. Shvein prom. no.2:40 Mr-Ap '62.
Ways of improving the training of specialist engineers in the clothing industry. V.k. Karasev. Shvein.prom no.2:25-26 Mr-Ap '62.
Work of the textile laboratory attached to the Clothing Industry Administration. R.I. Ershova. Shvein prom. no.2,32-33 Mr-Ap '62.
Year 1962, the fourth of the seven-year plan. Shvein prom. no.1:1-3 Ja-F '62.

CLOTHING INDUSTRY—ACCOUNTING see subdivision under Baranovichi

CLOTHING INDUSTRY—AUDITING AND INSPECTION see subdivision under Gomel'

CLOTHING INDUSTRY—COSTS
Distributing over-all expenditures in clothing production. B.Shcheglov. Bukhg.uchet 19 no.4:19-22 Ap '62

CLOTHING INDUSTRY—MANAGEMENT see subdivision under Leningrad

CLOTHING INDUSTRY—QUALITY CONTROL
Open the road for high quality clothing articles. N.S. Novikov. Shvein.prom. no.1,20-32 Ja-F '62

CLOTHING INDUSTRY—SPECIFICATIONS
Need for more extensive specifications in the present price lists. I.P.Volokhin. Shvein.prom. no.1:4 Ja-F '62.

CLOTHING WORKERS see subdivision under Erivan

CLOUD PHYSICS
Evolution of cumuli. Chzhou Siao-pin (Chou Hsiao-p'ing). Izv. AN SSSR Ser. geofiz. no. 4:546-557 Ap '62.

CLOUDS
The seventh conference on noctilucent clouds. N.I. Grishin. Astron.tsir. no 222 33-34 My '61

CLUJ, RUMANIA—VIEWS
Kluzh. [Cluj] Predislovie akademika Konstantina Daikovichu. Bucharest, Izd-vo "Meridiany," 1961. 12 p. illus. (Goroda i pejzazhi Rumynii)

CLUTCHES (MACHINERY)
Driven disc of a friction clutch with free-floating inserts. S.Popov. Tekh.v sel'khoz. 22 no.4:00-02 Ap '62.
Idling and operating conditions of a hydraulic friction clutch on automatically controlled mine ventilation units with synchronous electric motors. I.I. Gavrishin. Trudy NPI 115:13-21 '61.
Principles of the design and selection of parts of a hydraulic friction clutch. I.I. Gavrishin. Trudy NPI 115:

COAL HANDLING MACHINERY
Basic results of an experimental study of the operation of a bucket loader on an incline. V.G Sil'nia. Trudy NPI 130 17-64 '61
Improvement of the design of the GNL-30 loader and study of its performance in upraises. I F Riumin, V G. Mikhailov. Trudy NPI 130:95-104 '61
Study of the performance of a GNL-30 continuous loader in upraises. I F. Riumin, V G Mikhailov. Trudy NPI 130 79-93 '61
Theory of the operation of a bucket loader on an incline. V. G. Sil'nia, V G Mikhailov. Trudy NPI 130 5-18 '61

COAL HANDLING MACHINERY—MODELS
Experimental study of a model of a bucket loader in an inclined working. V. G. Sil'nia, O. D Gagin, G Sh. Khazanovich. Trudy NPI 130:19-34 '61.

COAL HANDLING MACHINERY—TESTING
Methodology of an experimental study of a bucket loader on an incline. V.G Sil'nia. Trudy NPI 130 35-16 '61.
Tests of the operating capacity of bucket loaders in inclined workings. V G Sil'nia, O. P. Ivanov, N V. Gontar'. Trudy NPI 130 65-77 '61

COAL MINERS—DISEASES AND HYGIENE
(see also subdivision under Armenia; Donets Basin, Krivoy Rog)
Causes of the spread of pneumokoniosis among miners of different collieries. E.E Zinger. Gig. truda i prof. zab 4 no 1 17 Ap '60.
Epidermophytosis among miners. V.V.Vinnichenko. Vest.dermat.ven. no.6 70-72 '61.
Kapeliushnikov, G.I., V.I.Klitsunov, and V.F.Manevich, [Safety measures in underground coal mining] Tekhnika bezopasnosti pri podzemnoi dobyche uglia. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1962. 503 p.
Silicosis in the Sulyukta mine according to material from an inquiry made in 1959 and from data supplied by the Kzyl-Bulak sanatorium. S.I. Moshkovskaia. Sov. zdrav. kir. no.1,7-11 Ja-F '62
Study of the incidence of pneumokoniosis at Kok-Yangak coal mines. B.S. Mambetaliev. Sov zdrav Kir. no 1: 13-17 Ja-F '62

COAL MINES AND MINING
(see also subdivision under Bulanash region; Donets Basin; Karaganda Basin, Kuznetsk Basin, Lugansk Province; Lvov-Volyn' Basin, Noril'sk region; Prokop'yevsk region; Rostov Province)
Aleksandrov, I.I., comp. [Soviet miners guard the peace] Sovetskie shakhtery na vakhte mira. Moskva, Ugletekhizdat, 1950. 76 p.
Determining safety factors and methods of mining coal seams under bodies of water. IU. N. Niskovskii. Izv. vys. ucheb. zav., gor. zhur. 5 no 1:24-30 '62
D'iachenko, I.M. [Organization of labor in mine sections] Organizatsiia truda na uchastkakh shakhty. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 127 p.

COAL MINES AND MINING—AUDITING AND INSPECTION see subdivision under Cholyabinsk Basin

COAL MINES AND MINING—COSTS
Vas'kin, N.I., and others. [Potentialities for reducing coal production costs in mines] Rezervy snizhenila sebestoimosti uglia na shakhtakh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1962. 141 p.

COAL MINES AND MINING—EQUIPMENT AND SUPPLIES
"Use of radioactive isotopes for purposes of automatic control in the coal industry" by V. G. Segalin. Reviewed by A. E. Trop, V. A. Khramov. Izv vys ucheb. zav.; gor zhur. no 3:166-167 '61.

COAL MINES AND MINING—HYGIENIC ASPECTS
Hygienic evaluation of coal mining machinery and of the working conditions of Donbass miners engaged in working steeply pitching coal seams [with summary in English]. M V. Ratner. Gig. i san. 26 no. 8:32-38 Ag '61.

COAL MINES AND MINING—JOB DESCRIPTIONS
Supplementing and amending the standard list of occupations for workers in enterprises and construction of the coal and oil-shale industries. Buil. Gos. kom. po vop. truda i zar. platy no. 3:14-15 '62.

COAL MINES AND MINING—SAFETY MEASURES
Ignatenko, K.P., A.V.Braitsev, and E.G.Veits, [Mine ventilation, lighting, fires, and rescue work] Rudnichnaia ventiliatsiia, osveshchenie, rudnichnye pozhary i gornospasatel'noe delo. Izd. 2. Moskva, Gosgortekhizdat, 1961. 266 p.
Kapeliushnikov, G.I., V.I.Klitsunov, and V.F.Manevich, [Safety measures in underground coal mining] Tekhnika bezopasnosti pri podzemnoi dobyche uglia. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1962. 503 p.
This concerns all departments. V. A. Stukalo, I. R. Ovcharenko. Vest. vys. shkoly 20 no.4:21-22 Ap '62

COAL MINING MACHINERY—ELECTRIC DRIVING
Automatic drive for mining coal without men. A. P. Shirokov. Izv. vys. ucheb. zav.; gor. zhur. 5 no. 1:138-143 '62.
Selection of an efficient type of electric drive for coal mining machines. N M. Fursov. Trudy NPI 115 47-53 '61.

COAL PREPARATION
Koibash, V.A., and V.IA.Korol', [Planning coal preparation plants] Proektirovanie ugleobogatitel'nykh fabrik. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1962. 327 p.

COAL TAR PRODUCTS
Composition of industrial liquid-phase hydrogenates. Report No. 5 Composition of mixtures of aromatic hydrocarbons of liquid-phase hydrogenates of heavy oils from middle tar of Cheremkhovo coal. R I Sidorov, Z P. Trolsenko, A.S. Nakhmanovich. Trudy Vost.-Sib fil. AN SSSR no 36,68-76 '61.
Composition of pyrolytic tar from the continuous coking process. L.A. Korovkina, N.M. Karavaev. Izv. AN SSSR. Otd. tekh. nauk, Met. i topl. no.2:161-167 Mr-Ap '62

COAL-TAR PRODUCTS—STANDARDS
New standard for coal-tar oil for wood preservation. I N. Nich. Trudy TSNII MPS no. 224 45-57 '62

COAST CHANGES see subdivision under Apsheron Peninsula

COATINGS, PROTECTIVE see Protective coatings

COAXIAL CABLES
Theory of a high-frequency concentric cable with an internal conductor consisting of twisted insulated strands. G. P. Delektorskii. Vest. elektroprom. 33 no. 4:68-72 Ap '62.

COBALT
Estimation of the practical significance of the cobalt potential of essentially magnetic deposits of the skarn type. V. A. Unksov, K A. Markov. Trudy VSEGI 1 60 139-144 '61
Treatment of arsenic-cobalt ores by chlorination. S. I. Denisov. Izv. vys. ucheb. zav.; tsvet. met. 3 no 2:59-73 '60.

COBALT—ANALYSIS
Chromatographic determination of cobalt in the presence of interfering ions with the aid of ion exchangers. Report No. 2: Determination of cobalt in the presence of bismuth. Z. I. Kheifets, V. B. Aleskovskii. Trudy LTI no. 18;179-181 '58.

COBALT—ELECTROMETALLURGY
Electrolytic recovery of cobalt from molten slags. G. A Teterin, O. A. Esin. Izv. vys. ucheb. zav.; tsvet. met 3 no. 2:65-68 '60.

COBALT—ISOTOPES
Effect of Co^{60} gamma irradiation on the vaccinia virus and accompanying microflora. E. F. Kalinina and others. Med. zhur. Uzb no. 2 45-46 F '62.
Recoil effect in inner complexes of cobalt during the reaction Co^{59} (n, 2n) Co^{58}. Amar Nat, An N Nesmeianov. Radiokhimiia 4 no. 1:122-124 '62.

COBALT—PHYSIOLOGICAL EFFECT
Effect of cobalt on the digestion in rumen and milk productivity of cows. Kh. Khaidarov. Visnyk sil'hosp nauky 5 no. 3 115-117 Mr '62.

COBALT—THERAPEUTIC USE
Treatment of atherosclerosis with Co No. 8. A. Kh. Khodzhaev, N. Z. Kochergina. Med. zhur. Uzb no. 2:48-51 F '62.

COBALT CHLORIDES
Solubility isotherm in the system cobalt chloride - urea - water at 20°. G. K. Distanov, E. Kydyrmyshev. Zhur. neorg. khim. 7 no. 4:885-888 Ap '62.

COBALT COMPOUNDS
Complex compounds of cobalt (III) with a sulfite group in the inner sphere. A. V. Babaeva, I. B. Baranovskii. Zhur. neorg. khim. 7 no 4:783-790 Ap '62.
Recoil effect in inner complexes of cobalt during the reaction Co^{59} (n, 2n) Co^{58}. Amar Nat, An. N. Nesmeianov. Radiokhimiia 4 no. 1:122-124 '62

COBALT-IRON ALLOYS see Iron-cobalt alloys

COBALT NITRATES
Gravimetric determination of uranium by its precipitation with hexammine cobaltinitrate [with summary in English]. A. V. Vinogradov, R. M. Aptsina. Zhur. anal. khim. 17 no 2:222-226 Mr-Ap '62.

COBALT OXIDES—PHYSIOLOGICAL EFFECT
Comparative effect of oxides of cobalt on lung tissue [with summary in English]. E. N. Levina, N. A. Minkina. Gig. i san. 26 no. 8:27-32 Ag '61.
Effect of cobalt oxides on the amount of reducing substances in the blood and glycogen in the liver of rats [with summary in English]. E. N. Levina, A. O. Lob. Vop. med. khim. 8 no. 2:131-134 Mr-Ap '62.

COBALT-TUNGSTEN-MOLYBDENUM ALLOYS see Tungsten-cobalt-molybdenum alloys

COBITIDAE see Loaches

COCAINE
Centennial of the discovery of cocaine. M. S. Kats, Fel'd i lukush. 27 no. 3:14-16 Mr '62.

COCCIDIOSIS
Clinical aspects and treatment of coccidiosis. V. V. Zakharov. Vet. Moskva 1 vost. no. 4:71-77 '60.
Clinical morphological studies of the development of the pathological process in experimental coccidiosis in rabbits. Kh. I. Kochegarov. Trudy AZVI 8:186-201 '58.
Histotropism in rabbit coccidiosis. V. A. Petrov. Veterinariia 37 no. 10:44-45 O '60.

CODEHYDROGENASE
Histochemical study of succinic and malic acid dehydrogenases and DPN and TPN diaphorases in experimental myocardial infarction [with summary in English]. P. I. Lushnikov. Biul. eksp. biol. i med. 53 no. 1:115-120 Ap '62.
Participation of phosphopyridine nucleotide in the respiration of Chlorella [with summary in English]. L. O. Kiosa, P. O. Kolesnikov. Ukr. biokhim. zhur. 10 no. 1:51-60 '62.

COENZYMES
Coenzyme A content in the liver in carbon tetrachloride lesions [with summary in English]. A. I. Glebovnikova. Biul. eksp. biol. i med. 53 no. 1:87-89 Ap '62.

COGNITION see Knowledge, Theory of

COHESION
Cohesiveness of plating in the electrodeposition of iron from a chloride electrolyte. M. P. Melkov, M. P. Pan'kratov, V. A. Babenko. Zhur. prikl. khim. 35 no. 4:801-807 Ap '62.

COIN OPERATED MACHINES see Vending machines

COINS
(see also subdivision under Chinese Han Dynasty (Kingdom))
Studies on Russian coins of the 10th and 11th centuries. I. Spasskii. Vopr. kons. i im. no. 2:51-54 '61.

COINS, ROMAN
[Archeology of the U. S. S. R.; index of archaeological sources] Arkheologiia SSSR; ukazatel' arkheologicheskikh istochnikov. Pod obshchei red. B. A. Rybakova. Moskva, Izd-vo Akad. nauk SSSR.
No. 04-4. Kropotkin, V. V. [Treasures of the Roman coins on the territory of the U. S. S. R.] Klady rimskikh monet na territorii SSSR. 1961. 174 p. maps.

COKE
Identification of nitrogen compounds over peat coke packings. V. I. Bukovskii, V. Z. Volkov. Torf. prom. 39 no. 1:23-24 '62.

COKE INDUSTRY BY PRODUCTS
Kollandr, I. IA. [Recovery and processing of coke chemicals] Ulavlivanie i pererabotka khimicheskikh produktov koksovaniia. Izd. 3., perer. i dop. Khar'kov, Metallurgizdat, 1962. 466 p.
Litvinenko, M. S., and I. M. Nosulovich. [Coke-plant chemicals for the production of polymeric materials] Khimicheskie produkty koksovaniia dlia proizvodstva polimernykh materialov. Khar'kov, Metallurgizdat, 1962. 428 p.

COKE INDUSTRY SAFETY MEASURES
Gol'braikh, M. A. [Safety measures in the coke chemicals industry] Tekhnika bezopasnosti v koksokhimicheskom proizvodstve. Izd. 3., dop. i ispr. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1960. 310 p.

COKE OVENS see subdivision under Germany, West

COKE OVENS--EQUIPMENT AND SUPPLIES
Closed car for extinguishing coke by water and steam. S. D. Movchan. Biul. TSNIICHM no. 10:46 '60.

COLD--PHYSIOLOGICAL EFFECT
Changes in heat production following repeated cooling of the body [with summary in English]. N. I. Bobrov. Gig. i san. 26 no. 5:23-28 My '61.
Changes in the glycogen content of the liver and muscles in animals adapted and not adapted to cold [with summary in English]. L. A. Ilusova. Vop. med. khim. 8 no. 2:199-204 Mr-Ap '62.

COLD FRAMES
Beam gas trap. V. P. Lagin. Ulia. nat. no. 3:30-30 Mr '62.

COLD STORAGE--INSULATION
Cold storage chamber with dynamic insulation. N. N. Koshkin. Khol. tekh. 39 no. 2:13-17 Mr-Ap '62.

COLD STORAGE WAREHOUSES see subdivision under France; Germany, West

COLD STORAGE WAREHOUSES--DESIGN AND CONSTRUCTION
Testing the systems of ground heating beneath one story cold storage plants. I. F. Dushin. Khol. tekh. 39 no. 2:33-36 Mr-Ap '62.

COLD WEATHER CLOTHING see Clothing, Cold weather

COLLAGEN DISEASES
Basic and debatable problems in the theory of so-called collagen diseases. Kh. Kh. Mansurov. Zdrav. Tadzh. 8 no. 1:3-8 Ja-F '62.
Collagen diseases. G. S. Zel'din. Fel'd. i akush. 27 no. 3:11-15 Mr '62.
Sachkov, V. I. [Immunological methods of studying rheumatism and other collagen diseases] Immunologicheskie metody izucheniia revmatizma i drugikh kollagenovykh boleznei. Moskva, Medgiz, 1962. 181 p. (DNLM)

COLLARBONE see Clavicle

COLLARGOL
Amperometric titration of silver in collargol and protargol. M. K. Abramov. Apt. delo 11 no. 1:14-16 Ja-F '62.

COLLECTIVE FARMS
(see also subdivision under Kaluga Province; Khorezm Province; Kirov Province, Kochubeevskiy District; Magiso-Kangalassskiy District; Tula Province; Ukraine; Vologda Province)
Bulochnikova, I. A. [Development of the collective farm system on the path to communism] Razvitie kolkhoznogo stroia na puti k kommunizmu. Moskva, Gos. izd-vo "Vysshaia shkola," 1962. 85 p.
Development of social relations in rural areas during the large-scale building of communism. V. P. Efimov. Vop. ist. KPSS 6 no. 3:43-62 '62.
Further development of Lenin's cooperative plan. M. Gimadinov. Vop. ekon. no. 1:3-14 Ap '62.
Public consumption funds on collective farms and their use. M. Matka. Kommun. Mold. 7 no. 1:51-58 Ap '62.

COLLECTIVE FARMS--ACCOUNTING
(see also subdivision under Samy Province)
Accounting that is simple and requires but a small amount of work in a brigade. D. P. Bez'. Ucbet i fin. v kolkhoz i sovkhoz. 10 no. 1:30-32 Ap '62.
Analyzing the annual report of a collective farm. I. Mitiushkin. Ekon. sel'khoz. 22 no. 2:90-113 F '62.
Pankhava, I. B. [Balanced of collective farm labor resources, problems of methodology and analysis] Balans trudovykh resursov kolkhozov, voprosy metodologii, metodiki i analiza. Kiev, Izd-vo Ukr. Akad. sel'khoz. nauki, 1961. 303 p.
Replies to our readers. Ucbet i fin. v kolkhoz i sovkhoz. 10 no. 1:55-60 Ap '62.
Simplifying the calculation of agricultural production costs. V. L. Fedtok. Ucbet i fin. v kolkhoz i sovkhoz. 10 no. 4:17-18 Ap '62.

COLLECTIVE FARMS--FINANCE
(see also subdivision under Bay District; Perm Province, Ukraine)
Business accounting is a powerful lever for improving the collective farm economy. N. D. Vasiliuk. Ucbet i fin. v kolkhoz i sovkhoz. 10 no. 4:11-14 Ap '62.
For the further strengthening of the collective farm economy. F. Tautrin, R. Ratnusheva. Den. i kred. 20 no. 4:75-80 Ap '62.

COLLECTIVE FARMS--INCOME DISTRIBUTION
(see also subdivision under Voronezh Province)
Material incentives on collective and state farms. D. Pravdin. Part. zhizn' no. 9:58-64 My '62.
[Monetary wages on collective farms] Denezhnaia oplata truda v kolkhozakh. [By] N. I. Nizhnii i dr. Moskva, Sel'khozgiz, 1961. 230 p. (MH)
Wages for drivers on collective farms. G. I. Belko. Fyt. ekon. nil', kosp. URSR no. 1:143-148 '61.
Wages for machinery operators. L. S. Fryntapchuk. Fyt. ekon. nil', kosp. URSR no. 3:132-142 '61.
We pay more to more efficient farmers. N. Iaraliev. Agitator no. 10, 34-37 My '62.

COLLECTIVE FARMS--INTERFARM COOPERATION
(see also subdivision under Moldavia)
Legal regulation of the work of combined interfarm construction enterprises in the White Russian S. S. R. A. H. Novikau. Vestsi AN BSSR, Ser. hram. nav. no. 1:32-41 '62.

COLLECTIVE FARMS--LABOR PRODUCTIVITY see subdivision under Kabardino-Balkar A. S. S. R.

COLLECTIVE FARMS--LAWS AND LEGISLATION
Legal regulation of the work of combined interfarm construction enterprises in the White Russian S. S. R. A. H. Novikau. Vestsi AN BSSR, Ser. hram. nav. no. 1:32-41 '62.
The nature of recommendatory norms. M. Bobrov. Rad. pravo no. 2:22-28 Mr-Ap '62.
Our party's steady concern for the development of agriculture. Sov. iust. no. 6:1-3 Mr '62.
Put an end to a lenient attitude toward the criminal violation of agricultural laws. Sov. iust. no. 5:10-12 Mr '62.

COLLECTIVE FARMS--MANAGEMENT see subdivision under Uzbekistan

COLLECTIVE FARMS--PRODUCTION STANDARDS see subdivision under Voronezh Province

COLLECTIVE FARMS--TAXATION see subdivision under Kalinin Province

COLLECTIVISM
Group feeling and individuality. G. Gak. Kul't. i zhizn' 6 no. 2:14-16 '62.

COLLEGE AND SCHOOL JOURNALISM--CONGRESSES
Conference of journalists of the institutions of higher learning in Leningrad. P. I. Dupenskii. Vest. vys. shkoly 29 no. 4:11-12 Ap '62.

COLLISIONS (NUCLEAR PHYSICS)
Collision integral for charged particles in a magnetic field [with summary in English]. V. M. Leonukii, P. S. Zyrianov, V. P. Silin. Zhur. eksp. i teor. fiz. 42 no. 3:594-601 Mr '62.
Experimental determination of the frequency of electron collisions in a dense plasma. A. I. Anikimov, N. I. Vinogradov. Zhur. tekh. fiz. 32 no. 3:305-312 Mr '62.
Magnetic trap for colliding beams. Zh. S. Takibaev. Trudy Inst. fiz. AN Kazakh SSR 5:147-154 '62.

COLLISIONS AT SEA--PREVENTION
Response to A. Rozentals article. S. Bykodorov. Mor. flot 22 no. 2:26 F '62.

COLLOIDS
Kinetics of extraction of the dispersed phase from hydrosols. L. G. Zhidkova, S. G. Mokrushin. Izv. vys. ucheb. zav., khim. i khim. tekh. 5 no. 1:91-93 '62.
Study of chromium gels. Report No. 2. Properties of prepared chromium gel samples. N. V. Alekseevskaia, M. M. Dubinin. Trudy LTI no. 40:237-243 '58.

COLOR CENTERS
Color centers in alkali halide crystals [with summary in English]. A. I. Gachechiladze, N. G. Politov. Trudy Inst. fiz. AN Gruz. SSR 6:13-59 '58.

COLOR PHOTOGRAPHY
Color photography in bad weather (from "Bild und Ton"). R. Reusing. Sov. foto 22 no. 4:40 Ap '62.
Discussion on color. III. Rzhevskii, N. Nikolaev. Sov. foto 22 no. 4:25 Ap '62.

COLOR PRINTING
Distortion of images on negatives and diapositives. S. A. Dalmatova. Poligr. proizv. no. 11:21 N '61.

COLOR SENSE
Color sense in Goliath beetles (Coleoptera, Cetoniini). G. A. Mazokhin-Porshniakov. Dokl. AN SSSR 143 no. 5:1208-1210 Ap '62.

COLOR TELEVISION
Color television system with separate subcarriers. L. A. Sevast'nov. Elektronika 7 no. 3:13-16 Mr '62.
Zhebel', B. G. [Color television] TSvetnoe televidenie. Leningrad, Ob-vo po rasprostraneniiu polit. i nauch. znanii, 1961. 62 p.

COLORIMETRY
Photocolorimetric method of analyzing phosphocol and armin [with summary in English]. A. F. Fursov. Apt. delo 11 no. 1:15-19 Ja-F '62.
Photocolorimetry for the analysis of ferrous and nonferrous alloys. K. N. Bashova. Trudy TSNII MPS no. 227:19-33 '62.

COLTSFOOT--THERAPEUTIC USE
Coltsfoot. T. IA. Sidel'nikova. Zdorov'e 8 no. 4:31 Ap '62.

COMA
Second All-Union Conference on the Pathology and Treatment of Terminal States. M. M. Mol'nikova. Zdrav. Turk. 6 no. 1:43-45 Ja-F '62.

COMBINES (AGRICULTURAL MACHINERY)
(see also subdivision under United States)
Antipin, V. G. [Grain combines, windrowers, and pick-up mechanisms] Zernouborochnye kombainy, riadkovye zhatki i podborshchiki. Izd. 3., perer. i dop. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1959. 647 p. (DA)
Automatic control of the feeding mechanism of combines [with summaries in English, German, and French]. M. V. Mikhailov. Vest. sel'khoz. nauki 7 no. 3:117-125 Mr '62.
Dozhdikov, D. V., and K. D. Sorokbrakov. [Hydraulic systems of tractors and SK-3 combines] Gidrosistemy traktorov i kombaina SK-3. [Gor'kii] Gor'kovskoe knizhnoe izd-vo, 1961. 101 p.
Karatysh, A. G. [Ways for increasing the performance of sugar beet combines] Puti uluchsheniia raboty svekla-kombainov. Frunze, Kirgizskoe gos. izd-vo, 1960. 56 p. (Peredovoi opyt v sel'skom khoziaistve Kirgizii) (DA)

COMBINES (AGRICULTURAL MACHINERY)--AIR CONDITIONING
Air conditioned combine cabs. V. N. Komirnyi. Mashinostroenie no. 2:126-127 Mr-Ap '62.

COMBUSTION

Analytical method of determining the theoretical temperature of combustion L. R. Khosson. Teploenergetika 9 no 5:89 My '62.

Change in turbulence behind the combustion zone. V.A. Frost. Trudy MFTI no 7 105-109 '61.

Combustion of inorganic salts - ammonium iodate and hydroxylamine sulfate. A. A Shidlovskii Zhur. prikl. khim. 35 no. 3 511-516 Mr '62

Heat of combustion of the volatile matter of Kuznetsk Basin open pit mine coals and its effect on the mechanical underburning. V. E Maslov. Teploenergetika 9 no 5:20-22 My '62.

Ignition from a flame source in the flow of homogeneous fuel-air mixtures V. N. Il'ivlev, S. A. Gol'denberg Teploenergetika 9 no. 5:22-24 My '62.

Investigation of flameless hydrogen burning on platinum platinum-iridium thermocouple. V. B Aleskovskii and others. Trudy LTI no. 46:219-226 '58.

Theory of relaxation vibrations during the burning process in combustion chambers. V. I Skobelkin. Zhur. tekh fiz. 32 no. 3:346-355 Mr '62.

COMEDY FILMS

Dollnskii, I. L. [Soviet motion-picture comedies of the 1930's; verbatim copies of lectures] Sovetskaia kinokomediia tridtsatykh godov; stenogramma loktsii. Izd 2., ispr i dop. Moskva, Vses. gos. in-t kinematografii, 1961. 44 p

In life and in art. Inna Levshina. Isk. kino no. 3:122-125 Mr '62.

Mischievous and merry. N. Ignat'eva. Isk. kino no. 4: 24-27 Ap '62.

COMENIUS, JOHANN AMOS, 1592-1670

Great Slavic educationalist. I Rydunova Nar obr no 3,81-84 Mr '62

COMETS

Shock waves in comets. L S Marochnik Astron. tsir. no. 222 13-16 My '61

COMMANDER ISLANDS see Komandorskiye Islands

COMMERCIAL AGENTS

Granting the right to sign foreign trade transactions. Vneshtorg. 12 no. 1 14-16 '62.

Granting the right to sign foreign trade transactions. Vneshtorg. 42 no. 5:47 '62.

COMMERCIAL CRIMES

Commercial operations before the Arankoideah. Sholom Pritsker. Voiov. ateist no. 5 23-24 My '62

COMMERCIAL PRODUCTS—STANDARDS

Let's study demand and improve service. A Dement'ev. Sov. torg. 35 no. 1 22-24 Ap '62.

Soviet merchandise should be the best. A Antonov Sov. torg. 35 no. 4:15-19 Ap '62.

COMMERCIAL STATISTICS

How some statistical methods are used in the evaluation of the dynamic series of foreign trade. I G. Venetskii. Uch. zap. IMO no. 4 224-256 '61.

COMMONWEALTH OF NATIONS

Aggravation of contradictions in the British Commonwealth of Nations. S. Madzoevskii. Mezhdunar. zhizn' 9 no. 5: 64-74 My '62.

...tific Society of ...Infectious Disease ...ikrobiol., epid.

...s" by V. M. ...

Use of lytic cocktails in the clinic for infectious diseases. Z. I. Krasovitskii Sov. med 25 no 1,135-137 Ja '62.

COMMUNICABLE DISEASES—BIBLIOGRAPHY see Bibliography—Communicable diseases

COMMUNICABLE DISEASES—CONGRESSES

Brief news. V. I. Vashkov. Zhur. mikrobiol., epid. i immun. 33 no. 3,155-157 Mr '62.

First All-Russian Congress of the Scientific Society of Epidemiologists, Microbiologists and Infectious Disease Specialists (May 23-29, 1961 in Kazan). V. V. Skvortsov. Sov. med. 25 no. 1:148-152, Ja '62.

COMMUNICABLE DISEASES—HOSPITALS see subdivision under Leningrad

COMMUNICABLE DISEASES IN ANIMALS

Recent changes in the landscape-faunistic complexes on the shores of the Caspain Sea and the effect of these changes on spreading of plague epizootics [with summary in English]. A. A. Lavrovskii. Zool. zhur. 41 no. 2. 252-259 F '62.

COMMUNICATION see subdivision under Ukraine

COMMUNICATION AND TRAFFIC see subdivision under Kazakhstan

COMMUNICATION AND TRAFFIC—EMPLOYEES

Kaminaiov, N. IA. [Organizing the production training of post, telegraph and telephone communication operators] Organizatsiia proizvodstvennogo obucheniia operatov pochtovo-telegrafno-telefonnoi sviazi. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1961. 31 p.

COMMUNICATION THEORY see Information theory

COMMUNICATIONS, MILITARY

Communications in a tank battalion S. Vasil'ev. Voen. vest. 41 no 4 34-36 Ap '62.

Communication on reconnaissance. M. Nazarov. Voen. vest 41 no 3 33-35 Mr '62

How to organize communications, reply to problem published in No 9, 1961 Voen vest. 41 no 4:101 Ap '62

Telephone operators lay wires V. Alekseev. Voen vest. 41 no. 3:96-99 Mr '62.

Warning signals in units. I. Piiadko. Voen vest. 41 no 4:36-38 Ap '62

COMMUNISM

(see also subdivision under Iran)

Afanas'ev, V. G. [Basic principles of philosophy; a popular textbook] Osnovy filosofskikh znanii; populiarnyi uchebnik. 2., perer. i dop. izd. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1962. 399 p.

Airapetian, M. E., and G. A. Deborin. [Communism and foreign policy] Kommunizm i vneshniaia politika. Moskva, Izd-vo "Znanie," 1962. 47 p.

[MICROFILM]

All in the name of man, for the good of man. Ped., akush. i gin. 23 no. 6:1-2 '61.

Along the course traced by Lenin on the way to communism. Mor. flot 22 no 1,1-2 Ap '62.

Communism is the highest form of social development [in Armenian with summary in Russian] A G Adoian Ist.-filol zhur. no 1 3-15 '62.

A "Communist manifesto" of the 20th century I.Kavalion. Nar obr. no 3 11-19 Mr '62

A conference in Moscow University on the critical evaluation of anticommunist theories. L. A. Nikitich, IA. G. Fogelei. Nauch. dokl. vys. shkoly, filos. nauki 5 no. 2: 141-144 '62.

Discussing the future, second article. I. Ermashev. Nov. vrem. 20 no. 23-4-7 Je '62.

Don't defend yourself by shooting! L Sedin. Starsh. serzh. no. 1 22-23 Ja '62

Fraternal solidarity of workers of all countries Nauch. shkola 36 no 5 3-6 My '62

Glezerman, G. E. [Communism and labor] Kommunizm i trud. Moskva, Gospolitizdat, 1961. 61 p. (Bibliotechka znanii o kommunizme)

(MII)

Gol'man, L. I. [The origin of Marxism. How Marx and Engels struggled for the establishment of the party of proletarian revolutionaries] Vozniknovenie marksizma. Bor'ba Marksa i Engel'sa za sozdanie revoliutsionnoi proletarskoi partii. Moskva, Gos. izd-vo polit. lit-ry, 1962. 70 p. (V pomoshch' izuchaiushchim mezhdunarodnoe kommunisticheskoe i rabochee dvizhenie. Tema 2)

Historical materialism and scientific communism. D. I. Chesnokov. Nauch. dokl. vys. shkoly; filos. nauki 5 no. 2:122-127 '62.

In the Il'ich plant. A. Senin. Moskva 8 no. 9:15-17 '61.

Krutov, N. N. [Socialist collectivism; one for all and all for one] Sotsialisticheskii kollektivizm; kazhdyi za vsekh, vse za odnogo. Moskva, Izd-vo "Znanie," 1962. 31 p. (Novoe v zhizni, nauke, tekhnike. II Seriia: Filosofiia, no. 3)

Leninism is the banner of our time. Komm. Ukr. 37 no. 4:3-9 Ap '62.

Leninist principles of proletarian internationalism in the new program of the CPSU [with summary in English]. IU. P. Gei. Vest. LGU 17 no. 8:5-17 '62.

Lenin's ideas of communism in the program of the CPSU. S. Baishev Part zhizn' Kazakh. 31[i e 32] no. 4:10-16 Ap '62.

Libman, G. I. [Constant growth of socialist production] Neprerynyi rost sotsialisticheskogo proizvodstva. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 120 p.

Light of communism. Sov. voin 44 no. 1:2 Ja '62.

Man of the future is being educated today. F. Chernyshev. Voen. znan 38 no 4:3-4 Ap '62

More voluntary work should be contributed. Radio no. 4 1-2 Ap '62.

Moscow. Akademiia obshchestvennykh nauk. [Program for studying the materials of the 22d Congress of the CPSU; for theoretical study groups of the history of the CPSU and the basic principles of Marxism-Leninism] Programa vyvchennia materialiv XXII z'izdu KPRS; dlia teoretychnykh seminariv z istorii KPRS i osnov marksyzmu-leninizmu. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1962. 19 p.

Moscow. Akademiia obshchestvennykh nauk. [Program for the study of the materials of the 22d Congress of the CPSU in the schools of political education, and study groups of the history of the CPSU; basic principles of Marxism-Leninism, and current political events] Programa vyvchennia materialiv XXII z'izdu KPRS dlia politshkil, hurtkiv istorii KPRS, osnov marksyzmu-leninizmu i potochnoi polityky. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1962. 27 p.

Motylev, A. S. [On the way to communism] Po puti k kommunizmu. Moskva, Gos. izd-vo polit. lit-ry, 1961. 77 p.

The nature and special features of social differences between intellectual and manual work under socialism IA Kh. Kaplanian Vestal AN BSSR, Ser. hi am nav no 1:5-16 '62

Philosophical problems relating to the building of socialism and communism. Miloš Kalab. Vop. filos. 16 no. 1:145-153 '62.

Ponomarev, B. N. [A speech at the 22d Congress of the CPSU] Promova na XXII z'izdi KPRS, 24 zhovtnia 1961 roku. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1961. 14 p.

Principal tasks of microbiology in light of the decisions of the 22d Congress of the CPSU. Mikrobiol. zhur. 23 no 6:1-4 '61.

Problems in pathological physiology during the period of the large-scale building of communism in our country Pat fiziol. i eksp terap. 5 no. 6;3-4 N-D '61.

Program for human happiness. Larisa Ordanskaia. Moskva 5 no. 9,17-19 '61.

Program of the development of communism. Inostr. iaz v shkole no 4 3-7 Jl-Ag '61

Shameful methods of present-day anticommunism. V. A. Tumanov. Sov. gos. i pravo 32 no. 5:51-61 My '62

Subject matter of scientific communism. P. Kopnin, B. Lobovyk. Komm. Ukr. 37 no 4:51-60 Ap '62.

To work more today means to live better tomorrow. A. Kiasov. Kommunist 39 no. 8,69-71 My '62.

Torch of Prometheus is in your hands. Vilis Lacis. Smena 39 no. 9:1-2 Ap '62.

Transition from capitalism to communism is the general course of the historical development of mankind. S. A Fedulkin. Izv. AN Kazakh. SSR, Ser. ist., arkheol. i etn. no. 1:19-25 '62.

Triumph of the immortal ideas of Lenin, on the 92d anniversary of V. I. Lenin's birth V Snastin Agitator no. 6 8-18 Mr '62

Under Lenin's banner. Voen. vest. 41 no 4,3-6 Ap '62

Volkov, IU. E. [Transition of the socialist state system to communist self-government] Pererastanie sotsialisticheskoi gosudarstvennosti v kommunisticheskoe obshchestvennoe samoupravlenie. [Sverdlovsk] Sverdlovskoe knizhnoe izd-vo, 1961. 65 p.

COMMUNISM—BIBLIOGRAPHY see Bibliography—Communism

COMMUNISM AND ART

Art and the well-rounded development of the individual. V. Vanslov. Iskusstvo 25 no. 3;2-6 '62

Art unites people. Andrii Tryplis'kyi. Mystetstvo 9 no. 1;10-12 Ja-F '62.

Consideration of the party is inspiring. Mystetstvo 8 no. 3:1 My-Je '61.

Have more regard for talent! D. Shmarinov. Iskusstvo 25 no. 3;7-9 '62.

Kozachuk, I. M. [How the party press struggled for communist ideology in literature and art, 1946-1960] Partiina presa v borot'bi za komunistychnu ideinist' literatury i mystetstva, 1946-1960; narys. [L'viv] Vyd-vo L'vivs'koho univ., 1961, 174 p.

To all workers of literature and art in the Soviet Ukraine. Mystetstvo 8 no. 3;2 My-Je '61.

Until the next gathering of artists. Mystetstvo 9 no. 1-2 Ja-F '62.

COMMUNISM AND LITERATURE

Beginning of a new renaissance. Vera Ketlinskaia. Vop. lit. 5 no. 12;9-13 D '61.

Common to mankind and communist... Askad Mukhtar. Vop. lit. 5 no. 12;13-16 D '61.

Inspiring word of the party. A. S. Miasnikov. Izv. AN SSSR. Otd. lit. i iaz. 20 no. 4;268-273 Jl-Ag '61.

Kofiadich, M. V., comp. [On literature] O literature; shornik dokumentov. Moskva, Gos. uchebno-pedagog izd-vo M-va prosv. RSFSR, 1960. 252 p.

Kozachuk, I. M. [How the party press struggled for communist ideology in literature and art, 1946-1960] Partiina presa v borot'bi za komunistychnu ideinist' literatury i mystetstva, 1946-1960; narys. [L'viv] Vyd-vo L'vivs'koho univ., 1961, 174 p.

Let's free ourselves of schemes! A. Kogan. Vop. lit. 6 no. 4;24-43 Ap '62.

Live by the principles of beauty. Mirza Ibragimov. Vop. lit. 5 no 12;3-8 D '61

The party and literature. Boris Solov'ev. Moskva 5 no. 9;5-12 '61.

"The party and literature" by L. Plotkin. Reviewed by A. Vlasenko. Oktiabr' 39 no. 2;221-223 F '62.

"The party and literature" by V. Borshchukov. Reviewed by M. Parkhomenko. Vop. lit. 6 no. 4;235-238 Ap '62.

Quality and still more quality. Anatolii Kuznetsov. Vop. lit. 5 no. 12;19-20 D '61.

Springs in virgin soil. Mikhail Zhestev. Vop. lit. 5 no. 12;16-18 D '61.

COMMUNISM AND RELIGION

Our duty toward our community. M. Nordifenko. Voiov. ateist no. 4;49-52 Ap '62.

COMMUNISM AND SCIENCE

Communism and science. N. M. Rutkevich. Nauch. dokl. vys. shkoly, filos. nauki 5 no. 3:22-32 '62.

"Evolution, Marxian biology, and the social scene" [transl. from English] by C. Zirkle. Reviewed by A. IA. Iakimov. Nauch. dokl. vys. shkoly. filos. nauki 5 no. 2 199-111 '62.

COMMUNIST COUNTRIES - CHEMICAL INDUSTRIES

Some aspects of cooperation among the chemical industries of European socialist countries. M. P. Lipkovov. Ukr. khim. zhur. 28 no. 1:67-70 '62.

COMMUNIST COUNTRIES - COMMERCE

Economic efficiency of foreign trade in socialist countries [with] optimum economy in appendix]. A. Berlyonko, V. Shmidtov. Vneshn. torg. 43 no. 6:2-11 '62.

"Foreign trade of socialist countries." Reviewed by A. Nikolaev. Vneshn. torg. 42 no. 5:42-44 '62.

The world socialist market. O. Bakovetskii. Okr. sn. vop. trud. no. 11:30-36 D '61.

COMMUNIST COUNTRIES - ECONOMIC CONDITIONS

[Economy of the people's democracies in figures for 1960] Ekonomika stran narodnoi demokratii v tsifrakh za 1960 g. Pod red. G. B. Gertsovicha i P. Olshanskogo, V. I. Shevzheva. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 240 p.

Trade travels without visas. N. Rubin. Agitator no. 10 17-20 My '62.

The world socialist system in a new form of economic and political relationship between countries [with summary in English]. A. V. Khitrovich. Vest. LGU 17 no. 2:13-20 '62.

COMMUNIST COUNTRIES - FOREIGN ECONOMIC RELATIONS

Conference of the group of specialists of the Permanent Committee of Economic and Technical Research Cooperation in the Field of Light and Food Industry of the Members Countries of the Council of Mutual Economic Aid. V. D. Dogovkin. Kon. i ov prom. 17 no. 4:46-50 Ap '62.

Increased cooperation of fraternal countries, facts and figures. Komm. Mobl. 7 no. 1:58-64 Ap '62.

New answers to new questions. O. Lange. Mezhdunar. zhizn' 8 no. 5:75-80 My '62.

Two economic systems. N. Petrov. Nar. khoz. Kazakh. 39 no. 1:88-92 Mr '63.

COMMUNIST COUNTRIES - INTERNATIONAL OBLIGATIONS

"Basic deliveries-obligations" used in economic relations among socialist countries as a new way to regulate international obligations, based on the "Basic Delivery Conditions for 1958" recommended by the Mutual Economic Assistance Council. N. I. Pattakhova. Ocherk. ekon. SSSR no. 4:64-66 '61.

COMMUNIST COUNTRIES - VISITORS, FOREIGN

Trade travels without visas. N. Rubin. Agitator no. 10 17-20 My '62.

COMMUNIST EDUCATION

(see also subdivision under Moscow, Volgograd Province)

Adults and children" by M. Pavlich. Reviewed by N. Stefanova. Obshch. 30 no. 9 215-216 Mr '62.

Children and orphans of the party. A. Pidvereva. Komm. Sovet. 20 no. 11 31 Ap '62.

Correct admission of students to the institutions of higher learning, schools and to the Communist Party School attached to the Central Committee of the CPSU. Kommunist 38 no. 6:128 My '62.

Educational work with students." Reviewed by B. Petrishchev. Sovet. pedagog. 17 no. 4:16-17 Ap '62.

A party school's contacts with real life. A. Chvanov. Kommun. Vooruzh. 201 4 no. 8:58-60 Ap '62.

Pashchenko, V. IA. [The training of propagandists] Podgotovka propagandistov. Moskva, Gos. izd-vo polit. lit-ry, 1962. 53 p. (Vechernyi partiinogo aktivista)

Political training helps our practical work. M. Kolos. Sel'khoz. no. 3:20-24 Mr '62.

Study of the basic tasks of the 22d Congress of CPSU is at the center of attention. Vest. vys. shkoly 30 no. 4:64-66 Ap '60.

To High Standards of Communist Labor. A. Sergeeva. Sem'ia i shkola 11 no. 4:2 Ap '63.

Training workers and students their communist future. B. Medvedev. Kommunist no. 5:3-7 Mr '62.

We must take a look at the future today. E. Maksimova. Sbornik tez. no. 2:4-8 Ap '62.

COMMUNIST ETHICS

Citizenship. V. Lesnov. Znamia 33 no. 1:101-105 Ja '62.

Loyalty and honor of the Soviet man. A. I. Shishkin. Vop. filos. 16 no. 4:130-131 '62.

Education of the new man is our most important objective. V. Bolkhov. Agitator no. 10 41-44 My '62.

Humanity or sentimentality? by Lenina Ivanova. Molodezh' 39 no. 3 101-102 F '62.

Moral code of a builder of communism. Kul't. i zhizn' 5 no. 2:2 '62.

Moral code of the builders of communism. Part. zhizn' no. 9, 31-37 My '62.

Some principles of communist ethics [in Armenian with summary in Russian]. M. S. Dadoian. Izv. -filol. zhur. no. 1 16-26 '62.

COMMUNIST PARTIES

Kolesnikova, N. A., A. V. Kalyvokapov, and P. F. Mikhalev [Youth thinks about life] Molodezh' obdumyvaet zhizn'e... [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1962. 190 p.

Pavlov, D. M. [Powerful sweep of the communist movement] Moguchii razmakh kommunisticheskogo dvizheniia. [Leningrad] Lenizdat, 1962. 231 p.

Timofeev, T. T. [Way for all peoples; program of the CPSU and the international labor movement] Put' dlia vsekh narodov, programma KPSS i mezhdunarodnoe rabochee dvizhenie. Moskva, Izd-vo "Znanie," 1962. 45 p. (Novoe v zhizni, nauke, tekhnike. I Serila: Istoriia, no. 4)

COMMUNIST PARTIES - BIBLIOGRAPHY see Bibliography - Communist parties

COMMUNIST PARTY see subdivision under Czechoslovakia; Estonia, France; Guatemala, Lithuania, Poland, South Africa, Republic of; Sweden, United States

COMMUNIST PARTY OF THE SOVIET UNION

(see also subdivision under Karaganda region; Maritime Territory, Turkmenistan, White Russia)

Andreev, P. P., and B. S. Tel'pukhovskii. [The Communist Party during the Great Patriotic War, June 1941-1945] Kommunisticheskaia partiia v period Velikoi Otechestvennoi voiny, iiun' 1941 g. - 1945 g. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1961. 208 p. (Istoriia KPSS, kurs lektsii. Tema 15)
(MH)

The CPSU is the party of the whole Soviet nation. P. N. Kozlov. Kommunist 19 no. 8 18-31 My '62.

[The Communist Party during the allied armed intervention and civil war, 1918-1920, documents and source materials] Partiia v period inostrannoi voennoi interventsii i grazhdanskoi voiny, 1918-1920 gody, dokumenty i materialy. Moskva, Gos. izd-vo polit. lit-ry, 1962. 670 p.

Experience in teaching the history of the CPSU in the Tashkent Pedagogical Institute. V. Sh. Bagdiianov, Obshchestv. nauki v Uz. 6 no. 3 63-68 '62.

An interesting document. A. G. Abpeitiania. Nar. Azii i Afr. no. 2 149 '62.

Kommunisticheskaia partiia Sovetskogo Soiuza. [CPSU on the Communist Youth League and youth; resolutions, congress decisions, party conferences, decisions of the Central Committee of CPSU and other party documents, 1917-1961] KPSS o komsomole i molodezhi; sbornik rezolutsii, reshenii s"ezdov, konferentsii partii, postanovlenii TsK KPSS i drugikh partiinykh dokumentov, 1917-1961 gg. 3., dop. izd. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1962. 399 p.

Kommunisticheskaia partiia Sovetskogo Soiuza. [Statutes of the Communist Party of the Soviet Union adopted by the 22d Congress of the CPSU] Ustav Kommunisticheskoi Partii Sovetskogo Soiuza; priniatyi XXII s"ezdom KPSS. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1961. 30 p.

Kommunisticheskaia partiia Sovetskogo Soiuza. [Statutes of the Communist Party of the Soviet Union adopted by the 22d Congress of the CPSU] Ustav Kommunisticheskoi Partii Sovetskogo Soiuza, zatverdzhenyi XXII s"ezdom KPSS. [Kyiv] Derzh. vyd-vo polit. lit-ry URSR, 1962. 126 p.

"Lectures on the history of the CPSU." Reviewed by N. F. Kurev, L. S. Gilgarev. Vop. ist. KPSS 6 no. 3 189-196 '62.

Objectives of scholarly research in the field of party history and the decisions of the 22d Congress of the CPSU. P. N. Pospelov. Vop. ist. KPSS 6 no. 2:9-26 '62.

"Work with materials in the study of the history of CPSU" by M. N. Chetmanovskii. Reviewed by V. I. Tukanova. Vest. vys. shkoly 30 no. 4:65-66 Ap '62.

COMMUNIST PARTY OF THE SOVIET UNION - BIBLIOGRAPHY see Bibliography - Communist Party of the Soviet Union

COMMUNIST PARTY OF THE SOVIET UNION - CONGRESSES

Faith, happiness, duty. Kamil' Akhen. Znamia 33 no. 11:58-100 Ja '62.

For the sake of happiness on earth. Valentina Grigorova. Znamia 32 no. 11:162-165 Ja '62.

The future under communism, reflections after the congress. B. Tikhonov. Neva no. 1:113-119 '62.

Materials of the 22d Congress of the CPSU. Part. zhizn' no. 9:76-77 My '62.

Program of the party, people, life..., Anna Karavaeva. Znamia 32 no. 11:161-175 Ja '62.

With the program in our hearts. A. Bondarenko. Starsh. vozrazh. no. 1:2-3 Ja '62.

COMMUNIST PARTY OF THE SOVIET UNION - MEMBERSHIP

CPSU in figures, 1956-1961. Part. zhizn' [Uzb.] 5 no. 3:71-82 F '63.

Membership in the CPSU is a basic question of party development. B. Khusainov. Part. zhizn' [Uzb.] 5 no. 2:63-67 F '62.

COMMUNIST PARTY OF THE SOVIET UNION - PARTY WORK

(see also subdivision under Chichiik; Fergana, Irkutsk Province, Kagan, Kazakhstan, Kharkov, Krasnodar Province, Kzyl-Tuptinskiy District, Leningrad, Moldavia; Osgeyev District; Pakhtaabadskiy District, Tselinograd, White Russia, Yangi-Ul District)

Close contact with practical needs. M. Vukolov. Komm. Bel. 16 no. 4:37-40 Ap '62.

A competition for the best study and story devoted to political propagandists. Agitator no. 6 2 Mr '62.

Follow up of unpublished letters to the editor. Part. zhizn' no. 9 76 My '62.

How we study the materials of the party congress. D. Parin. Part. zhizn' Kazakh. 8[illegible] no. 4 64-66 Ap '62.

Igrnev, A. V. [Propagandists' centers in villages] Doma agitatorov na sele. [Tula] Tul'skoe knizhnoe izd-vo, 1960. 39 p. (Bibliotechka partiinogo aktiva)
(RPH)

In the propaganda center of textile workers. P. Krutov. Part. zhizn' [Uzb.] 5 no. 2 62-64 F '62.

Inadmissible methods of administration. N. Tikhov. Part. zhizn' no. 9 48-50 My '62.

Let us persistently carry out the Leninist principles of ideological work. S. Shchelkunov. Komm. Mold. 7 no. 1 18-29 Ap '62.

My talks have become more understandable to the workers. N. Chebunin. Agitator no. 10, 51 My '62.

Open heart. IAkov Il'ichev. Neva no. 1:150-157 '62.

Party news. Part. zhizn' no. 9 79-80 My '62.

Political propaganda during evening and night shifts. V. Samarets. Agitator no. 6 48-51 Mr '62.

[Role of the party in managerial work] O partiinoi v khoziaistvennoi rabote. Moskva, Gos. izd-vo polit. lit-ry, 1962. 247 p.

Solov'ev, P. I. [Recommended methods for the work of theoretical study groups] Tak dolzhen rabotat' teoreticheskii seminar. Pomze, Kirgizskoe gos. izd-vo, 1960. 47 p. (Iz opyta raboty partiinykh organizatsii)

Talking frankly. Valentina Kozlenko. Sov. pech. no. 3 24-24 1 '62.

Topics, headings and contents. Sov. pech. no. 3:4-8 Mr '62.

What a "party life" section should be. N. Morfin. Sov. pech. no. 3:34-36 F '62.

COMMUNIST PARTY OF THE SOVIET UNION - PERIODICALS

Ocherkova, V. V. ["Kommunisticheskaia revoliutsiia" and "Bol'shevik," central party journals; 1921-1925] Tsentral'nye partiinye zhurnaly "Kommunisticheskaia revoliutsiia" i "Bol'shevik," 1921-1925 gg. [Moskva] Izd-vo Mosk. univ., 1962. 51 p.

COMMUNIST STATE

Functions of the Soviet national state. A. Kozlitsyn. Okr. sn. vop. trud. no. 12:3-11 D '61.

The socialist state of the whole people. P. S. Cherepanykh. Vop. filos. 16 no. 1:97-109 '62.

COMMUNIST STRATEGY

Two aspects of one class. Vl. Li. Av. i Afr. sov. no. 4: 6-9 Ap '62.

COMMUNIST YOUTH LEAGUE

(see also subdivision under Altai Territory, Bryansk Province; Ukraine; Uzbekistan; Zhitomir Province)

Ambassadors of the soldiers of Kamchatka. B. Chebyshev. Starsh. vozrazh. no. 4, 1 Ap '62.

At the forefront of socialist competition. N. Gnedchik. Komm. Vooruzh. Sil 2 no. 8 70-73 Ap '62.

At the turning point. N. Trofimkii. Sov. voin. 41 no. 1:31 1 '61.

Boats one must shine brighter and brighter. Starsh. - vozrazh. no. 4:5 Ap '62.

"Bring spring from Moscow." Smena 30 no. 8-3-3 Ap '62.

Burning zeal of the Communist Youth Leaguers. Agitator no. 6 19-21 Mr '62.

The Communist Youth League is a companion in arms of the All Union Voluntary Society for Assistance to the Army, Air Force, and Navy. Radio no. 1, 3-5 Ap '62.

Communist Youth League groups and grade supervisors. Nar. obr. no. 3:65-69 Mr '62.

Communist Youth League on a great march. F. Cherkashin. Prof.-tekh. obr. 19 no. 4:8-9 Ap '62.

Delegate to the 14th Congress. A. Nekhai. Starsh. - vozrazh. no. 4, 4 Ap '62.

The 14th Congress of the Communist Youth League. Komsom. zhizn' no. 8:2-4 Ap '62.

Kommunisticheskaia partiia Sovetskogo Soiuza. [CPSU on the Communist Youth League and youth; resolutions, congress decisions, party conferences, decisions of the Central Committee of CPSU and other party documents, 1917-1961] KPSS o komsomole i molodezhi; sbornik rezolutsii, reshenii s"ezdov, konferentsii partii, postanovlenii TsK KPSS i drugikh partiinykh dokumentov, 1917-1961 gg. 3., dop. izd. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1962. 399 p.

On the way to the congress of youth. F. Samfanovskii. Starsh. - vozrazh. no. 3:4-5 Mr '62

COMMUNIST YOUTH LEAGUE (Continued)

Strengthen the close accord between the Communist Youth League and the All-Union Voluntary Society for Assistance to the Army, Air Force, and Navy. V. Tsybyl'skii. Voen znan. 38 no. 4:14-16 Ap '62.

Under the banner of great Lenin. IU. Torsuev. Znam. ta pratsia no. 4 1-3 Ap '62.

Virgin lands around us. Vadim Konovalov. IUn. nat. no. 4 4-5 Ap '62.

COMMUNIST YOUTH LEAGUE—BIBLIOGRAPHY see Bibliography—Communist Youth League

COMMUNIST YOUTH LEAGUE—CONGRESSES

Young Communist Leaguers have restless hearts. A. Makaridin. Sov. voin. 1 no. 4 7-8 F '62.

COMMUNISTS

On the approaches of a great subject. S. Savel'ev. Sov. foto. 22 no. 1 13-16 Ap '62.

COMMUNISTS—BIBLIOGRAPHY see Bibliography—*Communists*

COMMUNISTS IN LITERATURE AND ART

Image of the Communist in Ukrainian drama. Iosyp Kyselov. Mystetstvo. 8 no. 3,5-8 My-Je '61.

COMMUNITY AND SCHOOL

(see also subdivision under Kiev; Lvov; Veshkayma District; Zaporozh'ye)

Rural schools and the community. V. Obidenov and others. Nar. obr. no. 4 34-45 Ap '62.

Tribune of enthusiastic public workers. Sem'ia i shkola. 17 no. 4:43 Ap '62.

COMMUNITY CENTERS

(see also subdivision under Kursk; Moscow, Yagodnoye District)

Factory committee and club. K. Evgen'ev. Sov. profkomy. 10 no. 9 21-23 My '62.

Readers relate, advise and criticize. A. Dorofeev and others. Sov. profsoiuzy. 18 no. 8 36-37 '62.

[With the participation of the community] Na obshchestvennykh nachalakh. Moskva, Izd-vo "Sovetskaia Rossiia," 1962. 52 p. (Bibliotechka "V pomoshch' sel'skomu klubnomu rabotniku," no. 1)

COMMUNITY LIFE

(see also subdivision under Belgorod, Moscow)

[With the participation of the community] Na obshchestvennykh nachalakh. Moskva, Izd-vo "Sovetskaia Rossiia," 1962. 52 p. (Bibliotechka "V pomoshch' sel'skomu klubnomu rabotniku," no. 1)

COMMUTATION (ELECTRICITY)

Commutation reaction of the armature of large d. c. machines. V. N. Naidenov, V. V. Magidson. Izv. vys. ucheb. zav., elektromekh. 5 no. 3:269-276 '62.

Effect of the mutual inductance of the sections on the final stage of the commutation in the presence of sparks. A. F. Gritsenko. Izv. vys. ucheb. zav., elektromekh. 5 no. 3:354-357 '62.

Electric machinery with controlled transistor commutators. Sh. I. Latidze. Elektroenergetika no. 5:110-110 '62.

Kamnov, V. N. [Installation and servicing of secondary commutation systems] Montazh i obsluzhivanie ustroistv vtorichnoi kommutatsii. Moskva, Vses. uchebno-pedagog. izd-vo Profizdat, 1962. 498 p.

Study of current commutation in electrical machinery with consideration of the capacitance in the collector sections. D. V. Kovylov. Izv. vys. ucheb. zav., elektromekh. 5 no. 3:347-348 '62.

COMMUTATIVE GROUPS see Abelian groups

COMPANION CROPS

Intercropping in young vineyards. M. I. Brodnikovskii. Trudy Inst. sad. AN Tadzh. SSR 2 75-77 '60.

COMPARATIVE GRAMMAR see Grammar, Comparative and general

COMPARATIVE LITERATURE see Literature, Comparative

COMPENSATION see Pensions

COMPENSATION, WORKMEN'S see Employers' liability

COMPETITION, INTERNATIONAL

Economic and technical foundation of communism and the victory of the U. S. S. R. in the economic competition with capitalism. V Zadneprianets'. Komm. Ukr. 37 no. 4:73-80 Ap '62.

Two lines of economic development; facts and figures. Komm. Ukr. 37 no. 4:92-94 Ap '62.

COMPETITIVE ANTAGONISTS (METABOLISM) see Antimetabolites

COMPLEMENT FIXATION

Brucella detection in enviromental objects by the reaction of complement fixation. M. A. Zhurnakova. Veterinariia 38 no. 1:75-77 Ja '61.

COMPLEX COMPOUNDS

Determination of the composition and stability of complex compounds by ion exchange chromatography. L. I. Tikhonova. Zhur. neorg. khim. 7 no. 4:822-830 Ap '62.

Extraction determination of titanium in steels in the form of a phosphorus-titanium-molybdenum complex. IU. F. Shkaravskii. Zav. lab. 28 no. 3:265-266 '62.

Extraction photometric determination of titanium in the form of a diantipyrylmethane-rhodanide complex. M. M. Tamraiko, S. L. Nebylitskaia. Zav. lab. 28 no. 3: 263-265 '62.

Hydration of complex halogen acids of metals during extraction with ethers. A. F. Morgunov, V. V. Fomin. Zhur neorg. khim. 7 no. 4:948-950 Ap '62.

"On the article by M. Bobtel'skii "Principles of heteropoly and its interpretation" M. E. TSimbler, V. I. Derenovskii, N. S. Prostanik. Zhur neorg. khim. 7 no. 4:951 Ap '62.

Stability of complexes of trivalent metal ions with substitution derivatives of salicylic acid. V. I. Kuznetsov, N. N. Basargin. Zhur neorg. khim. 7 no. 4:814-821 Ap '62.

COMPLEXES

Chern, Shing-shen. [Complex manifolds. Translated from the English] Kompleksnye mnogoobraziia. Pod red. I. I. Piatetskogo-Shapiro. Moskva, Izd-vo inostr. lit-ry, 239 p. (RPB)

Groups of infinitesimal transformations of ruled complexes. N. M. Mas'kin. Sib. mat. zhur. 3 no. 2 229-243 Mr-Ap '62.

COMPLEXONS

Complexometric determination of copper and zinc ions present together. S. M. Efros, E. S. Bolshinova, IU. M. Gorfunkel'. Trudy LTI no. 48:175-178 '58.

Complexometric determination of rare earth elements and thorium. S. P. Onosova. Zav. lab. 28 no. 3:271-273 '62.

Direct complexometric titration of gallium in the presence of 7-(naphthylazo)-8-hydroxyquinoline-5-sulfonic acid as an indicator [with summary in English] A. I. Busev, I. L. Tolipova, I. M. Skrebkova. Zhur anal. khim. 17 no. 2:180-185 Mr-Ap '62.

COMPOSERS see subdivision under Kharkov

COMPOSITION (MUSIC)

Concerning the programming of a music composition process. R. Kh. Zaripov. Prob. kib. no. 7,151-160 '62.

COMPOSITION (PHOTOGRAPHY)

Let's discuss your snapshots. L. Dyko. Sov. foto. 22 no. 4,40-43 Ap '62.

COMPOST

(see also subdivision under Vietnam, North)

Effect of different components of peat composts on the course of microbiological processes during composting. A. N. Pertseva, V. G. Golikov. Trudy Vses. inst. sel'khoz. mikrobiol. no. 14:133-141 '58.

Increasing the effectiveness of peat composts. I. I. Samotfov, E. I. Nesterova, V. G. Golikov. Trudy Vses. inst. sel'khoz. mikrobiol. no. 14:152-173 '58.

Microbiological processes in manure-soil composts. E. F. Berezova and others. Zemledelie 24 no. 4:63-66 Ap '62.

COMPOUND E see Cortisone

COMPRESSED AIR

Efficient use of compressed air. A. I. Karabin. Prom. energ. 17 no. 4:5-8 Ap '62.

Use of compressed air for opening press molds and dies. N. V. Goncharenko, S. V. Petukhov. Lit. proizv. no. 4 44-45 Ap '62.

COMPRESSED WOOD see Wood, Compressed

COMPRESSORS

Actual requirements of free-piston diesel compressors *for combined* power units. A. G. Shekhtman. Izv. vys. ucheb. zav.; mashinosti. no. 1:105-113 '62.

Automatic control of piston-type compressors. B. N. Prokhorov. Prom. energ. 17 no. 4:9-11 Ap '62.

Design characteristics and testing results of the type DAU-80 ammonia two-stage compressor. M. G. Shumeliahskii, E. M. Bezhanishvili, V. P. Rastorguev. Khol. tekh. 39 no. 2:4-9 Mr-Ap '62.

Increasing the efficiency of gas turbine systems by reducing the radial clearances of the axial compressor. B. S. Lebedev. Energomashinostroenie 8 no. 4:40 Ap '62.

Spiral-type outlet device with rotary vanes for a centrifugal compressor stage. D. A. Zazimko. Sudostroenie 28 no. 3:23-27 Mr '62.

TSyrlin, B. L. [Improvement in the design of ammonia cylinder-block compressors; scientific report] Usovershenstvovanie konstruktsii ammiachnykh blokkarternykh kompressorov; nauchnoe soobshchenie. Moskva, Gos. izd-vo torg. lit-ry, 1961. 29 p.

COMPRESSORS—ELECTRIC DRIVING

Prevention of the "sticking" of MS-324-7/30 synchronous motors. IU. M. Golodnov. Prom. energ. 17 no. 4:26-27 Ap '62.

CONCENTRATION see Attention

CONCEPTION—PREVENTION

Influence of nicotinic acid on the body in its use as a contraceptive with local action. D. I. Henin. Ped., akush. i gin. 23 no. 3:56-59 '61.

CONCERTINA

Smirnov, B. F. [Art of the rural concertinist] Iskusstvo sel'skikh garmonistov. Pod obshchel red. S. V. Aksiuta. Moskva, Sovetskii kompozitor, 1962. 170 p.

CONCESSIONS

All the machinations of Urquhart were in vain. P. Tikel'-Part, zhizn' Kazakh 31[i e. 32] no. 4 54-57 Ap '62.

CONCRETE

Akademiia stroitel'stva i arkhitektury SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. [Preparation of mortar and concrete mixes] Prigotovlenie rastvorov i betonnykh smesei. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 199 p.

Effect of vibration and different filling materials on the quality of plastic concrete made with monomeric furfurole-acetone resin. B. I. Minkevich. Vop. gidr. no. 3,118-123 '61.

Heat and mass transfer during heating of hardening concrete [with summary in English]. K. E. Gorlainov, E. S. Veksler. Inzh.-fiz. zhur. 5 no. 4:47-51 Ap '62.

Polymer concrete. V. N. Kalashnikova, V. I. Smolianskii. Priroda 51 no. 4,115-116 Ap '62.

Selecting the composition of the concrete for the dam of the Bratsk Hydroelectric Power Station. Ts. G. Ginzburg, G. L. Gershanovich. Gidr. stroi. 32 no. 4:8-11 Ap '62.

Study of the percolation properties of porous concrete. R. M. Vagabov. Izv. AN Azerb. SSR. Ser. fiz.-mat. i tekh. nauk no. 1:89-95 '62.

CONCRETE—BIBLIOGRAPHY see Bibliography—Concrete

CONCRETE—CONGRESSES

Third Coordination Conference on Hydraulic Engineering Concrete. V. V. Stol'nikov. Gidr. stroi. 32 no. 4:61-62 Ap '62.

CONCRETE—TESTING

Creep and shrinkage of triaxially stressed concrete. G. A. Gambarov. Bet. i zhel.-bet. no. 1,21-25 Ja '62.

Determination of the strength of concrete under axial stretching. G. I. Mirimanov. Bet. i zhel.-bet. no. 1 32-33 Ja '62.

Differentiated designation of the minimum strength of concrete. M. M. Kholmianskii, V. M. Kol'ner, L. P. Serova. Bet. i zhel.-bet. no. 1 12-18 Ja '62.

Effect of the load rate on the strength and deformation of concrete under tension. O. P. Kvirikadze. Bet. i zhel.-bet. no. 1,33-36 Ja '62.

Frenkel', L. M. [Utilizing the growth of the strength of concrete over a period of time to save cement] Ispol'zovanie rosta prochnosti betona vo vremeni dlia ekonomii tsementa. Moskva, Gos. izd-vo lit-ry po *stroit., arkhit. i stroit. materialam*, 1961. 51 p. (Akademiia stroitel'stva i arkhitektury SSSR. Institut betona i zhelezobetona, Perovo. Nauchnoe soobshchenie, *no. 9*)

Manufacturing short cylindrical concrete specimens. G. I. Mirimanov. Zav. lab. 28 no. 3:377-378 '62.

CONCRETE—TRANSPORTATION

Akademiia stroitel'stva i arkhitektury SSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. [Instructions on the technology of transporting and dispensing concrete mixes by concrete pumps and pneumatic placer machines] Ukazaniia po tekhnologii transportirovaniia i raspredeleniia betonnoi smesi betononasosami i pnevmonagnetateliami. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 143 p.

CONCRETE, PRECAST see Precast concrete

CONCRETE, PRESTRESSED see Prestressed concrete

CONCRETE BLOCKS

Kolotilkin, B. M. [Economics of large-panel and large-block construction (basic problems)] Ekonomika krupnopanel'nogo i krupnoblochnogo stroitel'stva (osnovnye voprosy). 2. izd., perer. i dop. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 182 p.

CONCRETE BRIDGES see Bridges, Concrete

CONCRETE CONSTRUCTION

(see also subdivision under Kremenchug Hydroelectric Power Station)

Experience with metal formwork for concreting large reinforced concrete structures. L. I. Bilinkov, A. F. Tulyzov. Bet. i zhel.-bet. no. 1:25-29 Ja '62.

Vibrator chute for concrete work. B. Sh. Dubovyi. Stroi. i dor. mash. 7 no. 3:28-31 Mr '62.

CONCRETE CONSTRUCTION, PRECAST see Precast concrete construction

CONCRETE FOOTINGS

Rivkin, S. A., D. A. Korshunov, and M. M. Frenkel'. [Precast reinforced concrete foundations for frame buildings] Sbornye zhelezobetonnye fundamenty karkasnykh zdanii; raschet i konstruirovanie. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1962. 135 p. (Biblioteka inzhenera - konstruktora)

CONCRETE MIXERS
Modernization and automation of the C I asphalt concrete mixers V. L. Kurov Stroi. i dor. mash. 7 no. 3:25-28 Mr '62

CONCRETE PIPE. see Pipe, Concrete

CONCRETE PLANTS
Let's introduce automation at reinforced concrete products plants. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. stroi. dela, no. 1, 16-3 of cover Ja '62

CONCRETE PLANTS—COSTS
Improvement in the use of mixers in a way of reducing specific capital investment in plants producing cellular concrete. N. Virgunskaia. Ekon. stroi. no. 3:16-20 Mr '62

CONCRETE REINFORCEMENT
(see also subdivision under Japan)
Controlling the tension of the wire. M. M. Ankaunkon. Biul. tekh.-ekon. inf. no. 1:76-80 Ja '64.
Effective reinforcing steel. K. V. Mikhailov, N. M. Mulin. Biul. tekh.-ekon. inf. no. 1:7-11 Ja '62.
Relaxation of stresses in wire strands in relation to varying methods of tightening the reinforcement. O. I. Kvitnitskii, L. O. Gitsevich. Biul. tekh.-ekon. inf. no. 1: 20-32 Ja '64
CONCRETE SLABS
Manufacturing technology of three-layer wall panels from mesh reinforced concrete. G. A. Fedorenkov. Energ. stroi. no. 25:11-15 '63
CONCRETE WALLS
Experience in the erection of reinforced concrete walls in the construction of the Beloyarsk atomic electric power plant. A. N. Pashkevich. Energ. stroi. no. 25: 36-41 '63
CONCRETE WALLS—TESTING
Kamenskii, V. G. [Lightweight wall elements in housing construction] Oblegchennye stenovye konstruktsii v zhilishchnom stroitel'stve. Minsk, Gos. izd-vo BSSR, Red.-nauchno-tekhn. lit-ry, 1962. 123 p.
CONDENSATE OIL WELLS see subdivision under Shebelinka region
CONDENSATION PRODUCTS (CHEMISTRY)
Possible methods for the condensation of tung oil cake with phenol and phenolic alcohols in the presence of different catalysts. I. M. Civerdiakoli, Kh. R. Fidler. Soob. AN Gruz. SSR 30 no. 3:535-38 Je '63.
CONDENSERS (ELECTRICITY)
Force acting on a conducting sphere located in the field of a plane condenser. N. N. Lebedev, I. P. Skal'skaia. Zhur. tekh. fiz. 33 no. 3:573-578 Mr '63.
CONDITIONED RESPONSE
Abramian, L. A. [Signal and conditioned reflex; a philosophical essay] Signal'i i uslovnyi refleks; filosofskii ocherk. Erevan, Izd-vo AN Armianskoi SSR, 1961, 101 p.
Anodic surface polarization effect on motor reaction and on the character of the discharges from individual cortical cells [translated from the English]. Frank Morrell. Fiziol. zhur. 48 no. 3:301-304 Mr '62.
Change of the conditioned reflex activity of white rats under the influence of cumarin-like preparations. A. I. Berkkin, B. A. Belov. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. no. 9:160-167 '61.
Changes in the conditioned reflex activity of dogs caused by chronic whole body irradiation with the maximum dose of x rays. L. I. Kolli-Ievskii, K. N. Lobinskina. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. no. 9:192-197 '61.
Characteristics of conditioned and unconditioned vascular reflexes in acute disorders of the cerebral circulation [with summary in French]. Kh. Kh. Abulin, Z. A. Solov'eva. Zhur. nevr. i psikh. 63 no. 1:51-58 '62.
Characteristics of disorders in the higher nervous function of the rats under the influence of small doses of penetrating radiation. L. G. Samoilova. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. no. 9:221-230 '61.
Characteristics of the formation of conditioned reflexes to a three-component chain stimulus in white rats. Nguen Fkhien Tkhan'. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. no. 9:16-24 '61.
Correspondence of the intensity of retinal reaction to the intensity of unconditioned and conditioned stimuli [with summary in English]. B. V. Anokhin. Biul. eksp. biol. i med. 51 no. 5:9-13 My '61.
Dynamics of changes in the activity of the higher sections of the central nervous system of white rats irradiated in the early stages of postnatal development. A. P. Chernysheva. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. no. 9:188-205 '61.
Dynamics of changes in the cortical activity under repeated administration of trepaline. R. Sh. Il'inchenok. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. no. 9:103-159 '61.
Effect of a changed functional state of the higher sections of the central nervous system on the development of malignant tumors in rats. V. I. Klimova. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. no. 9:84-98 '61.
Effect of aminazine on the activity of the higher sections of the central nervous system in white rats. S. M. Makokina. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. no. 9:123-143 '61.
Effect of electric excitation of some vegetative formations in the subcortex on conditioned reflexes under normal physiological and pathological conditions. A. F. Dokina. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. no. 9:84-97 '61.
Effect of inosverine on the conditioned reflex activity of white rats [with summary in English]. V. V. Nevelichuk. Farm. i toksikol. 25 no. 1:16-19 Ja-F '62
Effect of repeated administration of aminazine on the activity of the higher sections of the central nervous system of white rats in diphtherial intoxication. S. M. Makokina. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. no. 9:111-143 '61
Effect on the animal organism of oxygen deficiency and prolonged radial accelerations [with summary in English]. N. A. Agadzhanian, A. R. Mamontov. Biul. eksp. biol. i med. 53 no. 1:12-16 Ap '62.
Evaluation of conditioned reflex formation by the electroencephalographic method in children with an epileptiform syndrome. K. Sh. Akhmedov. Izv. AN Kazakh. SSR Ser. med. i fiziol. no. 1:46-50 '61
Experimental study on overcoming difficulties in dynamic work [with summary in English]. A. S. Logorov. Vop. psikhol. 8 no. 1:19-27 Ja-F '62.
Formation of the respiratory conditioned reflex in white rats by combining the indifferent sound stimulus with the inhalation of carbon dioxide. L. I. Krichko. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. no. 9:45-50 '61.
Functional interrelations between the cerebral cortex and subcortical formations under the influence of trepaline. R. Sh. Il'inchenok. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. no. 9:141-152 '61.
Higher nervous activity in dogs with a weak type of nervous system during the prolonged administration of hydrocortisone [with summary in English]. N. A. Nikolov. Farm. i toksikol. 25 no. 1:3-8 Ja-F '62.
Interrelations of changed-over conditioned connections during changes in the functional state of the cerebral cortex in dogs. R. K. Borukaev. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. no. 9:63-72 '61.
Investigating conditioned food reflexes by applying electric excitation to the skin and feeding alkaloid and under defensive experimental conditions. R. K. Borukaev. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. no. 9:54-62 '61.
Investigating the nervous mechanisms of the effect of repeated X-irradiation in small doses on the activity of the higher sections of the central nervous system in animals. L. I. Khorvat. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. no. 9:208-220 '61
Nervous mechanisms of the activity of the higher sections of the central nervous system in white rats. L. I. Kolli-Ievskii. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. no. 9:3-15 '61.
Protective compensatory role of a conditioned leucocytic reflex in rabbits based on a pharmacological stimulus. L. I. Krichko. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. no. 9:35-41 '61.
Respiratory component of food and electric defense conditioned reflexes in white rats. U. G. Gumanov. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. no. 9:51-63 '61.
Some features of the formation of conditioned reflexes in white rats in the early postnatal stage of development as reflected in normal and functionally changed conditions of the organism. L. S. Glonchelova, G. L. Vanetian. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. no. 9:30-34 '61.
Some mechanisms of the activity of the higher sections of the central nervous system in dogs after heavy exsanguination. L. I. Kolli-Ievskii and others. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. no. 9:73-82 '61.
Some peculiarities in the activity of the cerebral cortex of white rats in ontogenesis. A. P. Cheannokova. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. no. 9 24-29 '61.
Specific characteristics of conditioned reflex temporary connections and the place for their closing. R. A. Lemkuhl. Trudy Sverdlovsk. med. inst. 3 5-17 '59
Statistical analysis of the differentiation ability of some fishes of the Black Sea. M. P. Aronov. Trudy SNS 14: 288-291 '61.
Vascular and somatic regulations in infants. M. F. Vasil'ev. Dokl. AN SSSR 143 no. 5:1235-1238 Ap '62.

CONDITIONED RESPONSE—BIBLIOGRAPHY see Bibliography—Conditioned response

CONDUCT OF LIFE
Man's friend is man. Anatolii Alekatin. Kul't. i zhizn' 6 no. 2:3-4 '62.
An "optimistic" conflict. V. Bavina. Oktiabr' 30 no. 1:207-208 Ja '62.

CONDUCTOMETRIC ANALYSIS
Chronoconductometric determination of ethylene oxide in the presence of methacrylic acid and iron salts. T. A. Khudiakova, L. I. Nemtsova, M. A. Batsanina. Zhur. prikl. khim. 35 no. 4:824-827 Ap '62
Conductometric analysis of aluminum in the presence of iron. G. B. Pavovskaia. Izv. vys. ucheb. zav. khim. i khim. tekh. 5 no. 1:43-46 '62.

CONE
One special mapping of a cone into a manifold with bounded curvature. Iu. G. Reshetniak. Sib. mat. zh. 3 no. 2:256-272 Mr-Ap '62

CONFECTIONERY—EQUIPMENT AND SUPPLIES
Automatic "KZAM-160" apparatus and the possibility using it for the wrapping of soft candy. D. S. Poliakii. Khleb. i kond. prom. 6 no. 4:38-40 Ap '62

CONFLICT OF LAWS—HUSBAND AND WIFE
"Problems of marriage and divorce in international by N. V. Orlova. Reviewed by M. Mykhailovskyi, I. Bilenchuk. Rad. pravo no. 2:136-138 Mr-Ap '

CONGLOMERATE see subdivision under Crimea; Tau

CONGO, REPUBLIC OF THE—POLITICS AND GOVERNMENT
"The Armed Forces of the United Nations." In the Congo. Mezhdunar. zhizn' 9 no. 5:149-150 My '62.
Shadow of the dollar over the Congo. B. Shabaev. Mezhdunar. zhizn' 9 no. 5:105-106 My '62.

CONGRUENCES AND RESIDUES
Some formulae related to a reduced residue system. Novoselov. Dokl. AN SSSR 143 no. 6:1271-1272 Ap '62.

CONIC SECTIONS
Cayley's generalized problem and some problems related to it. V. A. Manevich. Dokl. AN SSSR 143 no. 6: 1272-1273 Ap '62.

CONIFERAE see subdivision under Kharovsk District; Ural Mountains

CONJUNCTIVA
Effect of repeated instillations of insulin into the conjunctival sac on the course of alloxan diabetes [with summary in English]. I. M. Sokolovorova and others. Biul. eksp. biol. i med. 53 no. 4:64-66 Ap '62.

CONJUNCTIVITIS, INFANTILE
Prevention of blennorrhea of the eyes in the newborn. O. K. Cherepakhin. Sbor. nauch. rab. Kaf. akush. i GMI no. 2:3-10 '60.
Prevention of ophthalmoblennorrhea in newborn infants by means of a synthomycin emulsion. O. K. Cherepakhin and others. Sbor. nauch. rab. Kaf. akush. i gin. GMI no. 1:116-119 '60

CONNECTIVE TISSUES
Comparative evaluation of the methods of histochemical detection of mucopolysaccharides in the tissues of visceral organs of man and mammals. V. V. Vinogradov and others. Arkh. anat., gist. i embr. 42 no. 1:103-Ja '62.
Histology and histochemistry of the connective tissue framework of the visceral flap of the yolk sac of [with summary in English]. V. K. Balanchuk. Arkh. anat., gist. i embr. 40 no. 5:82-84 My '61.
Role of leucocytes in the development of granulation during the healing of wounds. Z. D. Timofeeva. AZVI 9:249-250 '56

CONSCIOUSNESS, LOSS OF see Loss of consciousness

CONSERVATION OF MANUSCRIPTS see Manuscripts—Conservation and restoration

CONSERVATION OF NATURAL RESOURCES
"In the name of the eternal generosity of nature" by Efremov. Reviewed by N. B. Semikhatova. Priroda 51 no. 4:121 Ap '62.

CONSERVATION OF NATURAL RESOURCES—ABSTRACTS
[Regional studies] Ref. zhur. Otd. vyp. 35: Kraevedenie no. 1-4 Ja-Ap '62.

CONSERVATORIES OF MUSIC see subdivision under Moscow

CONSTIPATION
Improper food and eating habits cause the trouble. Kolaeva, Obukhovets. pit. no. 1:50-51 Ja '62.

CONSTITUTION OF MATTER see Matter—Constitution

CONSTITUTIONAL LAW
Moscow. Vasesoiuznyi iuridicheskii zaochnyi institut. [Constitutional law of bourgeois countries] Gosudarstvennoe pravo burzhuaznykh stran. Pod red. D. A. Levina. Moskva, 1961. 530 p.

CONSTRUCTION EQUIPMENT
(see also subdivision under Siberia)
"Methods of determining the efficiency of using machinery in construction" by S. E. Kantorer. Reviewed by B. Valuntein. Ekon. stroi. no. 3:72-73 Mr '62.
More new machinery for builders. Iu. B. Dolnego. Stroi. i dor. mash. 7 no. 3:1-9 Mr '62
Ways of using inertia in construction machinery. Kraitsberg. Izv. vys. ucheb. zav., stroi. i arkhit. no. 1:118-120 '62.

CONSTRUCTION EQUIPMENT—ABSTRACTS
[Manufacture of construction equipment and road machinery. Mining machinery] Ref. zhur. Otd. vyp. 43: Stroi. i dor. mashinostr. Gor. mash. nos. 7-8 Ap-My '6

ONSTRUCTION EQUIPMENT—BIBLIOGRAPHY see Bibliography—Construction equipment

ONSTRUCTION EQUIPMENT—EXHIBITIONS

New machinery at the Exhibition of Achievements of the National Economy of the U. S. S. R. A. S. Selenevich Stroi. i dor. mash 6 no. 11-35-10 N '61

ONSTRUCTION EQUIPMENT INDUSTRY

Automation of building machinery and prospects for its development in the next 20 years. S. S. Shchedrovitskii Stroi. i dor. mash. 6 no. 11-23-26 N '61.

Decisions of the 22d Congress of the CPSU and prospects for the development of road and building machinery manufacture. Stroi. i dor. mash. 6 no. 11, 3-4 N '61

Development of mechanization methods in construction V. A. Bauman. Stroi. i dor. mash 6 no. 11-26-30 N '61.

ONSTRUCTION INDUSTRY

(see also subdivision under Alma-Ata; Fergana; Lithuania, Lugansk Province, Moscow, Ukraine, Uzbekistan; White Russia)

The Congress of Builders of Communism Stroi. i arkhit. Mosk 10 no 11:2-3 N '61

Coordination of the work of the union republics' offices of state construction with the work of the State Committee on Construction of the Council of Ministers of the U. S. S. R. Ekon stroi no 1:64 Ja '62

Expert evaluation of planning as a means of increasing the effectiveness of capital investments. N. Egorov. Ekon. stroi no 3:15-21 Mr '62

Improve the system of planning in construction Ekon. stroi. no 1,66-72 Ja '62

Industrial projects in the final stages of construction. N. Voloshin. Agitator no. 10:18-20 My '62.

Ionas, B. IA. [Economic effectiveness of industrial methods of construction] Ekonomicheskaia effektivnost' industrial'nykh metodov stroitel'stva. Moskva, Izd-vo ekon. lit-ry, 1962. 51 p. (Ekonomicheskoe samoobrazovanie)

A methodology for the determination of the productive capacity of construction organizations is needed. V. Poltorygin Ekon. stroi no 1:19-52 Ja '62

Nikonova, L. G. [Ways of saving materials in construction] Puti ekonomii material'nykh resursov v stroitel'stve. Moskva, Izd-vo ekon. lit-ry, 1961. 45 p. (Ekonomicheskoe samoobrazovanie) [MICROFILM]

Raise the level of rural construction. Ekon. stroi. no. 3: 3-6 Mr '62.

Reduce the amount of construction work done by industrial enterprises for themselves A. Verigo. Ekon. stroi no 3:58-59 Mr '62.

CONSTRUCTION INDUSTRY—ACCOUNTING

Mechanize accounting in the construction industry A. Kuzilov. Bukhg. uchet 19 no. 3:39-42 Mr '62.

CONSTRUCTION INDUSTRY—BIBLIOGRAPHY see Bibliography—Construction industry

CONSTRUCTION INDUSTRY—COSTS

Differentiation of plans for reducing the cost of construction and assembly work by calendar quarters. M. Balkhin. Ekon. stroi. no. 1:43-46 Ja '62.

CONSTRUCTION INDUSTRY—FINANCE

(see also subdivision under Alma-Ata; Kuybyshev Province; Ukraine; Uzbekistan)

Boiko, P. I., and O. F. Golubovich. [Business accounting in the construction industry] [illegible] the operation of the

CONSTRUCTION INDUSTRY—FIRES AND FIRE PREVENTION

Attention, construction sites! Pozh. delo 8 no. 3,1-2 Mr '62

Inspection, and more inspection A. Mikhailov Pozh. delo 8 no. 3:4-5 Mr '62

CONSTRUCTION INDUSTRY—LAW AND LEGISLATION

Borshchevskii, L. M. [The rights and obligations of construction workers, group leaders, and foremen] Prava i obiazannosti rabochego, brigadira i mastera na stroike. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit materialam, 1961. 30 p. (V pomoshch' ekonomicheskomu obrazovaniiu rabochikh, brigadirov i masterov-stroitelei)

CONSTRUCTION INDUSTRY—QUALITY CONTROL

Work quality control A. A. Allik Energ stroi. no 24 98-100 '61.

CONSTRUCTION WORKERS

(see also subdivision under Georgia; Novyy Lipetsk; Virgin Territory)

One moment of an era. Vasilii Rosliakov. Smena 39 no. 8 12-11 Ap '62.

We are from the electric line construction land. B. Poliakov. Vokrug sveta no. 4,3-8 Ap '62.

CONSULAR LAW

Vilkov, G. E., and I. P. Blishchenko, comps. [A collection of Soviet agreements with foreign states on consular service] Soglasheniia Sovetskogo Soiuza s inostrannymi gosudarstvami i po konsul'skim voprosam, sbornik. Moskva, Izd-vo In-ta mezhdunarodnykh otnoshenii, 1962. 231 p.

CONSUMER'S GOODS see Russia—Manufactures

CONSUMPTION see Tuberculosis

CONTAGION AND CONTAGIOUS DISEASES see Communicable diseases

CONTAINERS see subdivision under Chelyabinsk Province

CONTAINERS—ABSTRACTS

[Container shipments and the interaction of various types of transportation] Ref. zhur. Otd vyp. 31: Vzaimodeis. raz. vid. transp. i kont. perev. nos. 1-4 Ja-Ap '62.

CONTINUITY

Sedov, L. I. [Introduction into the mechanics of the continuum] Vvedenie v mekhaniku sploshnoi sredy. Moskva, Fizmatgiz, 1962. 284 p.

CONTINUOUS CASTING

Continuous casting of bronze with a horizontal machine designed by the Ukrainian Research Institute of Metals, V. T. Sladkoshteev and others. TSvet. met. 35 no. 3: 67-74 Mr '62

Use of low-frequency vibrations during the continuous casting of beryllium bronze. G. I. Pogodin-Alekseev, V. M. Gavrilov, F. V. Korolev. TSvet. met. 25 no. 4: 69-73 Ap '62.

CONTRACEPTION see Conception—Prevention

CONTRACTS, AGRICULTURAL

Some problems of judicial practice in cases concerning the contractual relations of collective farms. Sov. just no. 5:18-21 Mr '62

CONTRAST MEDIA

Complications in hysterosalpingography [with summary in English]. E. S. Kononova. Vest. rent. i rad. 37 no. 2:47-49 Mr-Ap '62.

USION

ctroscopic measurements of ion energies rements. A. N. Zaidel', O. V. Konstantinov. Zhur. tekh. fiz. 32 no. 3:370-372

see subdivision under Ural

nce in the Ritz method. N. A. at. no. 7:187-190 '61.

onvergent sequence of compact space onto a local compact space A. D. Taimanov. Sib mat. zhur. Ap '62.

the convergence of Fourier series. sbor. 58 no 2 237-260 F '62.

RY

under Armenia)

conveyers with automatic address- . Kogon, K. N. Svidler. Mekh. i), 4:53-58 Ap '62.

erations in open pits. A. A. Lebed-), zav., gor. zhur. 5 no. 2:12-17

nization and automation of the flow , I. IU. Vaintraub. Poligr. proizv.

ing and conveying operations in chinery. A. B. Drannikov. Vest. 7 Ap '62.

Mechanization of the unloading and conveying [illegible] N. A. Kleshchev. Mashinostroenie no 2 [illegible] Ap '62.

Mechanizing the conveying operations [illegible] L. M. Zmiev Mekh. i avtom proizv [illegible] Mr '62.

New hoisting and conveying equipment [illegible] proizv. 16 no. 4, 14-46 Ap '62

New vibratory conveyers M. L. Izrail [illegible] tiuk, E. E. Lazdan. Mekh i avtom pr [illegible] 30-33 Mr '62.

Study of the interaction between the [illegible] pulling parts of belt-chain conveyers [illegible] Izv. vys. ucheb. zav., gor. zhur [illegible]

Ul'ianovskii, A. Z., and B. A. Lidermar [illegible] of scraper conveyers] Modernizatsiia skr [illegible] konveierov. Moskva, Gos. nauchno-tek [illegible] po gornomu delu, 1962. 89 p.

Vibrator chute for concrete work B [illegible] i dor. mash. 7 no 3:28-31 Mr '62

CONVEYING MACHINERY—ABSTRACTS

[Hoisting and conveying machinery and str. [illegible] zhur. Otd vyp 39: Pod.-transp. mash i [illegible] 9-10 Ja-My '62

CONVEX DOMAINS

Generalization of the Voronoi-Hardy [illegible] Ivanov. Sib mat. zhur 3 no 2 195-212 [illegible]

CONVOLAMINE

Convocaine benzoate for infiltration [illegible] anesthesia. L. P. Semenov. Veterinar. i [illegible] 55 O '60.

CONVULSIONS

Convulsive hysterical attacks I. P. Bi [illegible] klin. i eksp. khir. AN Kazakh SSR no 7 [illegible]

COOKERY

Advice to the cook. P. Sysoev. Obshchest [illegible] 24-25 Ja '62

Advice to the cook. S. Protopopov. Obshchest [illegible] no. 3:16-18 Mr '62.

Cookery. Rab. i stal. 38 no. 1-21 Ja '62.

Cookery. Rab. i stal 38 no. 4 24 Ap '62

From the cook's notebook. I. Morev. Obshchest [illegible] no. 3:18-18 Mr '62.

From the cook's notebook. M. Ezerskii, [illegible] IA. Magidov. Obshchestv. pit. no 1 25 Ja '62

Recipes for family cooking. S. Andrianova. Obsh [illegible] pit. no. 3, 62-63 Mr '62.

Tasty whale meat dishes. Z. Logvinenko Obsh [illegible] pit. no. 1:37 Ja '62.

What you ought to know about vitamin C [illegible] chek. Obshchest. pit. no. 3, 26-27 Mr '62.

When you like your job... N. Prokof'eva. Ob [illegible] pit. no. 1:11-12 Ja '62.

COOKERY (CORN) see Cookery (Maize)

COOKERY (FRUIT)

Recipes for home cooking. T. Ivanova. Obshchest [illegible] no. 1:58-60 Ja '62.

COOKERY (MAIZE)

Corn dishes are popular. Z. Sokolova. Obshchest [illegible] no. 3:8 Mr '62.

COOKERY (ONIONS)

Cookery of people from various countries T. Tatarova. Obshchest. pit. no. 3:25 Mr '62.

COOKERY (POTATOES)

Elenescu, Anna. [120 dishes prepared with potatoes] 120 bliud iz kartofelia. Bukharest, 1961. 70 p

COOKERY, MILITARY

Everyone likes breakfast. G. Babkin Starsh [illegible] no. 1-21 Ja '62.

COOKERY, TATAR

"Two hundred and twenty Tatar recipes" by R. S. Akhmetzianov. Reviewed by M. Gulkina Obshchest. pit. no. 3:33 Mr '62.

COOKERY FOR THE SICK

Improper food and eating habits cause the trouble. V. N. Kolaeva. Obshchestv. pit. no. 1:50-51 Ja '62.

Unused possibilities. G. Orkin. Obshchest. pit. [illegible] 12-13 Mr '62.

COOLING

Thermodynamics of a cooled gas turbine [with summary in English]. D. I. Mariev. Izv.-fiz. zhur. 5 no. 4 [illegible] 46 Ap '62.

COOPERATIVE EDUCATION see Education, Cooperative

COOPERATIVE SOCIETIES

(see also subdivision under Cuba; Czechoslovakia. Kamen', Novozybkov District; Pavlovsk District; Talovaya District)

Data on the consolidation of cooperative societies. B. Mostkov. Sov. potreb. koop. 6 no. 4-32-33 Ap '62

Editor's mail. I. Iliuchenko and others. Sov potreb. koop. 6 no. 4:25-27 Ap '62.

COOPERATIVE SOCIETIES (Continued)
Let them do their work. V. Grabovoi. Sov potreb. koop 6 no 4,48 Ap '62
Let's develop the initiative of the masses. L. Omel'chenko. Sov. potreb koop 6 no 4 5-7 Ap '62
Rush weeks have come Paramonov and others Sov potreb koop. 6 no 4 28-29 Ap '62
With community participation. S. Dunaevskii, D. Grabor, P. Dmitriev. Sov potreb. koop. 6 no 4 15-16 Ap '62.

COOPERATIVE SOCIETIES—ACCOUNTING see subdivision under Transcarpathia

COOPERATIVE SOCIETIES—AUDITING AND INSPECTION see subdivision under Krasnoyarsk Territory

COORDINATES
Recalculation of coordinates of points from zone to zone V. Kolpikov. Voen. vest 41 no. 3 75-79 Mr '62.

COPEPODA see subdivision under Black Sea

COPPER
Effect of heat treatment on the lifetime of current carriers in silicon doped with copper L. S Milevskii Fiz tver tela 4 no 3 625-627 '62.

COPPER—ANALYSES
Complexometric determination of copper and zinc ions present together. S. M. Efros, D. S. Bolchinov, IU M Gorfunkel'. Trudy LTI no. 46:175-178 '58.
Determination of microquantities of lead and copper in solutions after a preliminary concentration by means of an ion exchange column V. B. Alesковskii, R. I Libina, A. D. Miller. Trudy LTI no 46:5-11 '58.
New selective catalytic reaction for the detection of copper ion [with summary in English] M. IA Shapiro Zhur. anal khim. 17 no. 2:240-249 Mr-Ap '62.
Quantitative determination of trace elements from the height of peaks on paper chromatograms. Report No 1: Determination of copper and nickel ions E. S. Bolchinova, V. B. Alesковskii. Trudy LTI no. 46:94-100 '58.

COPPER—ELECTROMETALLURGY
Studying the process of copper cementation from a nickel electrolyte with a varying multiple of nickel powder consumption. B. V. Lipin. TSvet. met. 35 no. 3 31-37 Mr '62.

COPPER ALLOYS—TESTING
Effect of copper alloying on setzing properties in the temperature range 23-450°. A. P. Semenov. Tren. i izn. mash. no. 15:227-253 '62.

COPPER-ALUMINUM ALLOYS see Aluminum-copper alloys

COPPER-CHROMIUM ALLOYS—METALLURGY
Reduction of chromium losses in the manufacture of chromium bronze. D. G. Butomo. TSvet. met. 35 no. 4:74-80 Ap '62.

COPPER CRYSTALS—THERMAL PROPERTIES
Anisotropy of cathode sputtering of a copper monocrystal as a function of its temperature. V. E. Iurasova, V. M. Bukhanov. Kristallografiia 7 no. 2:257-260 Mr-Ap '62.

COPPER HALIDES
Synthesis of complexes of aldazines and ketazines with copper semihalide. A. S. Gudkova and others. Dokl. AN SSSR 143 no. 5:1095-1100 Ap '62.

COPPER IN THE BODY
Copper content of some organs of animals in radiation injury [with summary in English]. G. A. Ilubenko. Vop. med. khim. 8 no. 2:134-139 Mr-Ap '62.

COPPER INDUSTRY see subdivision under Kirovgrad (Sverdlovsk Province)

COPPER ORES
(see also subdivision under Altai Mountains, Kazakhstan; Mugodzhar Hills; Tien Shan)
Basic features of the metallogeny of copper. V. S. Domarev. Zakonom. razm. polezn. iskop. 2:86-96 '59.
Briquetting finely divided particles of copper ores and concentrates. K. I. Ushakov, L. A. Blinova, M. A. Volynskaia. TSvet. met. 35 no. 4:12-21 Ap '62.
Complete utilization of copper-zinc ores from the Urals. V. M. Sobiev. TSvet. met. 35 no. 4:7-9 Ap '62.
Pilot plant testing of the sinter roasting of copper charges with a bottom blow. I. M. TSygoda and others. TSvet. met. 35 no. 3:28-30 Mr '62.
Using the magnetic prospecting method in calculating a volcanic layer in the Polar Urals. V. V. Gernik, V. G. Potapov. Geofiz. razved. no. 6:50-72 '61.

COPPER OXIDE
Effect of gamma radiation on the catalytic activity of copper oxides in the dehydrogenation reaction of ethyl alcohol [with summary in English]. T. V. TSotskhiadze, G. Sh. Kalandadze. Trudy Inst. fiz. AN Gruz. SSR 6. 61-66 '58.

COPPER OXIDE CRYSTALS—SPECTRA
Exciton reflection spectrum of copper oxide crystals in the ultraviolet region. E. F. Gross, Chzhan Guan-in' [Chang Kuang-yin]. Dokl. AN SSSR 143 no. 6:1321-1324 Ap '62.

COPYRIGHT
Copyright according to the "Basic Principles of Civil Law" L. Azov Sov. iust no. 5:7-9 Mr '62
Koretskii, V. I. [Copyright on the published results of research projects] Avtorskoe pravo na planovye nauchnye raboty. Dushanbe, Tadzhikskii gos. univ. im. V. I Lenina, 1962. 61 p.

COR PULMONALE
Effect of oxygen therapy on external respiration and arterial blood oxygen saturation in chronic pulmonary cardiac insufficiency [with summary in English]. M. N. Malova. Sov. med. 25 no 1:39-43 Ja '62.

CORE DRILLING
Problem of qualitative sampling of hard minerals. S. S Sulakshin Izv vys. ucheb. zav. ,geol i razv. 5 no 3: 85-89 Mr '62

COREMAKING
Automatic unit for ramming reinforced cores of ingot molds. V. I. Vrublevskii, IU. P. Kashirin, K S Ravich. Mashinostroenie no. 2:52-54 Mr-Ap '62.
Hollow cores made of a thermosetting mixture S M. Shishov Lit proizv no. 1:46 Ap '62.
Rakogon, V. G. [Theory and practice of coremaking by the sand-slinging method] Teoriia i praktika izgotovleniia sterzhnei peskoduvnym sposobom. Moskva, Mashgiz, 1962. 181 p.
Vyshomirskii, M. M. [Coremaking] Izgotovlenie sterzhnei. Pod obshchei red. A. M. Lipnitskogo. Moskva, Mashgiz, 1961. 73 p. (Bibliotechka litleishchika, no. 5)

COREMAKING—HYGIENIC ASPECTS
Occupational diseases of the skin in workers of the core division at the foundry works of the I. A. Likhachev Factory. M. D. Bagnova. Gig. i san. 26 no. 5,100-102 My '61.

CORES (ELECTRICITY)
Calculation of a remagnetization process with consideration of the surface effect and dynamic properties of a substance K M. Polivanov, V L. Distlov, M G Vitkov Izv. vys. ucheb. zav., radiotekh 4 no. 6:653-657 N-D '61.
Determination of the impulse parameters of ferrite cores with rectangular hysteresis loops using dynamic flux reversal loops. S. P. Mironov. Elektrosviaz' 16 no. 3 23-27 Mr '62.

CORES (ELECTRICITY)—TESTING
Mikhaiev, V. G., and L. L. Mokhel', [Device for pulse testing of microthin cores] Pribor dlia impul'snykh ispytanii mikronnykh serdechnikov. Moskva, In-t tochnoi mekhaniki i vychislitel'noi tekhniki Akad. nauk SSSR, 1961. 29 p. (Elektronnye vychislitel'nye mashiny)

CORIANDER
Effect of the stage of vegetation and the time and methods of seeding on the quality of the aromatic oil in coriander and Moldavian dragonhead. M. M. Korotaeva, E. V. Tiurina. Trudy TSSBS no. 4:47-53 '60.

CORN (MAIZE)
(see also subdivision under Altai Territory; Bryansk Province; Bugul'ma District; Dmitrov District; Dmitrovsk-Orlovskiy District; Gomel' Province; Khust District; Latvia; Novosibirsk Province; Panfilov District; Poltava Province; Ukraine; White Russia)
Certain special features of raising corn on heavy loam soils of a chernozemless belt. P. A. Nekrasov, A. I. Tiutiunnikov. Trudy MIMESKII 4 no. 2:36-62 '59.
Content of mineral substances in a corn kernel. A. O. Staffichuk, T. D. Troianova. Visnyk sil'hosp. nauky 5 no. 3:28-30 Mr '62.
Corn cultivation in mountainous regions [with summaries in English, German, and French]. F. F. Sidorov, E. A. Teplova. Vest. sel'khoz. nauki 7 no. 3:65-72 Mr '62.
"Corn, exchange of experience is welcomed" by A. S. Shevchenko. Reviewed by B. Solov'ev. Ekon. sel'khoz. 33 no. 2:124-125 F '62.
Corn in flood lands and dry valley slopes [with summaries in English, German, and French]. G. V. Chubarova. Vest sel'khoz. nauki 7 no. 3:73-76 Mr '62.
Effect of growing conditions of corn on the nutritive value of silage [with summaries in English, German, and French]. A. A. Staffichuk. Vest. sel'khoz. nauki 7 no. 2.39-45 F '62.
Effect of ionizing radiation on the accumulation of vitamins and monosaccharides in corn leaves. V. S. Fedorova. Trudy TSSBS no. 4:123-127 '60.
Effect of 1 to 20% corn stigma infusion on the activity of the ciliated epithelium of the mucous membrane of the esophagus in the frog. Report No. 6. B. D. Dzhamalieva. Izv. AN Kazakh. SSR. Ser. med. i fiziol. no. 1.77-82 '61.
Effect of the quality of light on the development of corn [with summaries in English, German, and French]. M. F. Martynova. Vest. sel'khoz. nauki 7 no. 2:32-38 F '62.
Effect of trace elements on the vitamin content in corn leaves. V. S. Fedorova, T. G. Demina. Trudy TSSBS no. 4:107-112 '60.
Evaluation of the general nutritive value of corn on the basis of dry matter. O. S. Artiukh. Visnyk sil'hosp. nauky 5 no. 3:34-40 Mr '62.
For all tastes. R. Rimov Znan sila 37 no 4:16-17 Ap '62.
"Forage beans, a strong companion of corn" by N. I. Chekanova Reviewed by E. Osilkovskaia Vest sel'khoz nauki 7 no 3 157-158 Mr '62
From the pages of agricultural journals. Tekh. v sel'khoz. 22 no. 4:90 Ap '62.
Increasing the germination of corn seeds in the field by treating them with preparations NIUIF-2 (granosan) and TMTD (tetramethylthiuram-disulfide). E. L. El'kina, I. N. Grebeniuk. Trudy TSSBS no. 4:139-144 '60
"Knights of the queen of the fields" by Kudriavtseva-Molodchikova Reviewed by L. IAkovleva IUn. nat no 3 35 Mr '62
Mechanized cultivation of jointly planted corn and beans. N. Avdeev, A. Pugachev. Tekh. v sel'khoz. 22 no. 4. 10-14 Ap '62.
Microbiological processes during the ensilage of the green bulk and ears of corn and ways of controlling them. M. M. Makarova Trudy Vses inst sel'khoz. mikrobiol no 14:275-285 '58
New technology of corn cultivation [with summaries in English, German, and French] A. A. Vasil'chenko, L. A. Konovalenko, A. D. Erkaev. Vest sel'khoz. nauki 7 no. 3:14-26 Mr '62
Planting forage beans along with corn for silage M S Shul'ga Zemledelie 24 no 4 33-36 Ap '62
Release pole with adjustable brake resistance. V. Bakhmutov, N. Polikutin. Tekh. v sel'khoz. 22 no. 4:63-64 Ap '62.
Results of using green corn for feeding cows. K. K Kusainov Trudy AZVI 9 64-70 '56.
"Scientific principles of the storage and processing of corn" by M. G Golik. Reviewed by M. M Kulieshov. Visnyk. sil'hosp nauky 5 no 3 122 Mr '62.
Studies on the effect of ionizing radiation on the accumulation of chlorophyll in corn leaves. L. A Sevastianova. Trudy TSSBS no. 4 128-136 '60
Tamed lightning P Goncharenko IUn. nat no. 4 8-9 Ap '62
Using corn silage in dairy cow food rations. A U. Umirzakov Trudy AZVI 9.56-63 '56.
Variation in the protein fractions of corn seeds during germination [with summaries in English, German, and French]. M. E. Pronin, A. P. Pavlova. Vest. sel'khoz. nauki 7 no. 1, 61-67 Ja '62.

CORN (MAIZE)—DISEASES AND PESTS
Elachiptera cornuta Fall. (Diptera, Chloropidae) and its importance as corn pest [with summary in English]. N. A. Vilkova. Zool. zhur. 41 no. 4:586-590 Ap '62.
Viability of a chlamydospore pathogen of corn smut -- Ustilago zeae (Beckm.) Unger. F. IE Nemlienko, I. O. Sidenko. Mikrobiol. zhur. 23 no. 6 32-37 '61.

CORN (MAIZE)—DRYING
Use of jet engines and ventilating systems for drying corn. M. Tiunisov and others. Muk.-elev. prom. 28 no. 3: 16-24 Mr '62.

CORN (MAIZE)—FERTILIZERS AND MANURES
(see also subdivision under Soviet Central Asia)
Effect of fertilizer application during planting on corn development. A. M Levin, E. P. Sokolova Agrobiologiia no 2.280-292 Mr-Ap '62
Microelements as a means of increasing the yield of corn. N. Panafutina Shkola i proizv 6 no. 4:85-86 Ap '62.

CORN (MAIZE)—VARIETIES
In the palace of plenty B. Aleksandrov. IUn. nat. no. 4 28 Ap '62
Planting together late and early varieties of corn A. A. Avakian, M. G. Shumanskaia Agrobiologiia no 2 283-287 Mr-Ap '62

CORN OIL—PHYSIOLOGICAL EFFECT
Effect of corn oil on the processes of fatty degeneration of the liver and biosynthesis of cholesterol in experimental atherosclerosis [with summary in English]. M. K. Mikushkin, A. P. Golikov, V. M. Pinchuk. Biul. eksp. biol. i med. 53 no. 4:53-56 Ap '62.

CORN SIRUP
Sirups made with corn molasses. A. M. Savinova. Kons i ov. prom. 17 no. 4:22-23 Ap '62.

CORNSTARCH INDUSTRY—EQUIPMENT AND SUPPLIES
Evaluating the performance of corn germ extractors. Ch K. Kurochitskii Sakh. prom. 35[i. e 36] no. 2:56-57 F '62

CORNEA
Changes in corneal sensitivity in patients with thyrotoxicosis [with summary in English]. E I. Andrianova. Oft. zhur. 16 no. 5:473-478 '61.
Conditions of the origin and course of mitosis in the corneal epithelium of mice in vitro. I. A. Utkin, M. A. Kurskaia, N. I. Fedoruk. TSitologiia 4 no. 1:27-31 Ja-F '62.

CORNEA—DISEASES
Current data on some primary dystrophies of the cornea; survey of soviet and foreign literature. I. E. Barbel'. Vest. oft. no. 2:61-69 '62.

ORNEA—FOREIGN BODIES
Extraction of nonmagnetic foreign bodies from deep layers of the cornea by means of valvular nonpenetrating trepanation. T. V. Makeeva. Zdrav. Kazakh 22 no 2: 22-24 '62.

ORNEA—TRANSPLANTATION
Modified model of a headband for use in subtotal keratoplasty [with summary in English] O M. Romaniko. Oft. zhur. 16 no. 5,479-482 '61

ORONA (ELECTRICITY)
Methodology involving the use of an oscillograph for probing the field of d.c. corona. V I. Levitov and others. Izv. AN SSSR. Otd. tekh. nauk Energ. i avtom. no. 2: 47-54 Mr-Ap '62.

ORONARY HEART DISEASE
Arrhythmias in coronary insufficiency, their diagnosis and prognostic significance [with summary in English]. IU. P Mironova. Kardiologiia 2 no. 2,77-80 Mr-Ap '62.
Fate of the "window" in the diaphragm in operations by G. A. Reinberg's method and the mechanism of the action of the operation [with summary in English]. IU. F. Afanas'ev. Grud khir. no. 2:29-31 '62.
Pathogenesis of acute coronary insufficiency and myocardial infarct in hypertension [with summary in English] L. L. Likht. Arkh. pat. no 4:32-38 '62

ORONARY VESSELS
Effect of camphor on the coronary blood flow and on some indices of carbohydrate and oxygen metabolism of the myocardium [with summary in English]. A. S. Saratikov T. F. Marina, G. E. Barkovskaia. Farm. i toks. 25 no. 1,77-81 Ja-F '62.
Surgical anatomy of the coronary arteries of the heart in subjects of different age [with summary in English]. N. I. Svistunov Grud. khir. no. 2:21-25 '62.

ORONARY VESSELS—DISEASES
Comparative morphology of various models of experimental arteriosclerosis of the coronary arteries of the heart [with summary in English] T. A. Sinitsyna Arkh pat no 7 51-56 '61
Intravenous drip administration of strophanthin in coronary insufficiency. V. M. Labutin. Vop pat krovi i krovoobr. no 5:119-125 '59.

ORONARY VESSELS—SURGERY
Technic of coronary endarterectomy (Experimental study). A. N. Bakulev, L. S. Zingerman Grud khir. no. 2:25-28 '62.

ORROSION AND ANTICORROSIVES
Effect of ethanolamines on certain ferrous and nonferrous metals B. G. Gasanov, N. G Kliuchnikov Uch. zap. MGPI no. 146 170-175 '60.
Effect of organic activating and retarding agents on the corrosion of metals by hydrochloric acid in narrow interstices. IU. I. Sorokin, Kh. L. TSeitlin. Zhur. prikl. khim 35 no. 3 573-576 Mr '62
Elimination of pitting in the process of nickel plating by introducing organic additives. S. A. Ginsberg, A. F. Ivanov. Zhur. prikl. khim. 35 no. 3,671-674 Mr '62.
Evaluating the effect of lubricants on the development of pitting. G. S. Krivoshein, M. D. Bezborod'ko Zav lab 28 no 3-356-358 '62
Inhibiting action of sodium cinnamate in neutral media. E. V. Bogatyreva, V. V. Nagaev. Zhur. prikl. khim. 35 no. 3:550-553 Mr '62.
Investigating the phosphates of certain organic bases for use as corrosion inhibitors E. G. Zak, S. D Beskov. Uch zap MGPI no. 146 25-40 '60.
Mechanism of the effect of arsenic anhydride as an inhibitor of acid corrosion [illegible], MGPI

Iliushen-

CORROSION AND ANTICORROSIVES—PHYSIOLOGICAL EFFECT
Action on the skin of corrosion inhibitors and inhibiting emulsions K. A. Lopukhova. Gig truda i prof zab 6 no. 3:43-45 Mr '62.

CORTICOSTERONE
Higher nervous activity in dogs with a weak type of nervous system during the prolonged administration of hydrocortisone [with summary in English]. N. A. Nikolov. Farm. i toks. 25 no. 1 3-8 Ja-F '62.

CORTISONE
Effect of cortisone on healing [with summary in English]. M. B. Rappoport, K. V. Mosketi, P. I Gladunets. Biul. eksp. biol. i med. 53 no. 4,108-110 Ap '62.
Treatment of arthritis by intra-articular administration of hydroadrezone. IA. S. Valigura. Klin. med. no. 8 106-109 '61.

CORVALAN, LUIS, 1916-
Luis Corvalan. Nov. vrem. 20 no. 19:26 My '62.

CORYNEBACTERIUM
Anaerobic Corynebacteria. A. R. Prevot. Mikrobiol. zhur. 23 no. 4,48-52 '61.

CORYNEBACTERIUM DIPHTHERIAE
Some characteristics of formation of L forms of C. diphtheriae [with summary in English]. V. T. Savenkova. Zhur mikrobiol., epid. i immun 33 no. 3:91-93 Mr '62.

COSMETICS—TESTING
Investigating the viscoplastic properties of "water in oil" type emulsion creams. I. I. Vol'fenzon, S. I. Shur. Masl.-zhir. prom. 28 no. 3,30-32 Mr '62.

COSMETOLOGY see Beauty culture

COSMIC RAYS
Anisotropy of the angular distribution of shower particles as a function of other characteristics of showers of cosmic rays. L. A San'ko. Trudy Inst fiz. fiz AN Kazakh. SSR 5 86-95 '62.
Aragats, the mountain of science N. Rozenblit Znan ta pratsia no 4,10-12 Ap '62.
Composition of nuclear active particles in cosmic radiation at an altitude of 3250 m. above sea level with momenta above 1 8 Bev/c. Part I [with summary in English]. A. V. Khrimian and others. Zhur. eksp. i teor fiz 42 no. 3 660-674 Mr '62.
Multiply charged particles from cosmic-ray stars. N N. Lazarev, T. P. Lazareva, Zh. S. Takibaev. Trudy Inst. fiz. fiz, AN Kazakh. SSR 5,96-101 '62.

COSMIC RAYS—BIBLIOGRAPHY see Bibliography—Cosmic rays

COSMOGONY, OSTIAK
Notions of the Sel'kupy shamans about the world; based on drawings and water colors of the Sel'kupy E D. Prokof'eva. Sbor. muz. ant. i etn. 20:54-74 '61.

COSMOLOGY
M. V. Lomonosov and the study of outer space. B. N. Vorob'ev. Vop. ist. est. i tekh. no. 12:156-157 '62.

COSMOPOLITANISM see Internationalism

COST AND STANDARD OF LIVING
(see also subdivision under France)
Developing public consumption funds. N. Buzliakov. Vop. ekon. no. 4:36-46 Ap '62.
The problem of distribution in the new program of the CPSU. E. A. Glovinskii. Mat. i soob. Issl. otd Inst. po izuch. SSSR no. 31:21-33 Ja '62

ore today means to live better tomorrow.
Kommunist 38 no. 8:69-71 My '62.

t, 1530
ds portraits of women [with summary
lcherbacheva. Trudy Gos. Erm. 6

Institut ekonomiki. [Potentials
ion costs] Rezervy snizhenia
stoi. Moskva, Izd-vo ekon. lit-ry,

uction costs according to their
. Zagorodnik. Bukhg. uchet 19

no acids and amides in cotton
avaeva. Uzb. biol. zhur. 6 no. 2:

n of cotton cultivation operations.
sel'khoz. 22 no. 4:15-20 Ap '62.

of irrigation tracks in cotton planting
n, E. L. Okulich-Kazarin, Trudy
i '55.

nulation of fruiting elements in
a compact plant. A. D. Dadabaev,
Izb. biol. zhur. 6 no. 2:11-18 '62.

COTTON FABRICS—STANDARDS
Technical cotton fabrics. E. M Shelr
zatsiia 26 no. 4:45 Ap '62.

COTTON GINS AND GINNING see subdivision under Kirghizistan; Termez

COTTON GROWING see subdivision under Province; Karakul District, Khodzhyli
Tajikistan; Uzbekistan, Yangi-Er District

COTTON GROWING—HYGIENIC ASPECTS
Dust and gas content of the air in work
varying methods for the mechanized
cotton. M. K Gafurbaev. Gig i san
Ag '61.

COTTON MACHINERY
New loader of raw cotton. S. Sharip
18 no. 3 12 Mr '62.

COTTON MANUFACTURE—ACCOUNTING
under Kherson

COTTON MANUFACTURE—HYGIENIC ASPECTS
Occupational pathology of the otolaryng
workers of cotton mills A A Kravchenko
Gig truda i prof. zab 4 no 6 41-43 J

COTTON-PICKING MACHINERY
Determination of the speed of the spin
in cotton-harvesting machines with
V. I. Lazunov. Trudy TIIMSKH
Effect of the adhesion of cotton to soil
of pneumatic harvesters. G. A Koshe
TIIMSKH no. 1,153-169 '55

COTTON SPINNING
Teriushnov, A. V. [Control of yarn breakage
cotton spinning industry] Bor'ba s obryvnost'
khlopkopriadil'nom proizvodstve. Moskva,
"Rostekhizdat," 1962. 136 p.

COTTONSEED OIL
Refining of cottonseed oil in a micelle
A. L. Markman, U. I. Tros'ko. Masl.-zhir
no. 3:18-20 Mr '62.

COTTONSEED PRODUCTS see subdivision under Uzbekistan

COTYLEDON (ANATOMY) see Placenta

COULOMETER see Voltameter

COULOMETRY
Coulometric titration of p-quinone dioxime with
generated trivalent titanium [with summary in
S. L. Dobychin, A. P. Zozulia. Zhur anal
no. 2:148-154 Mr-Ap '62

COUNSELING, EMPLOYEE see Employee counseling

COUNTING DEVICES
High-speed counting device using junction
Briunin Izv. vys. ucheb. zav., radiotekh
723-726 N-D '61.
In brief about new developments. Radio
In the factories. Prom. energ. 17 no 4:46-47

COUNTRY SCHOOLS see Rural schools

COUPLINGS
Strength of joints with a secure tightness under
tions of a circular shaft bending. E S. Grechishchev
Vest. mash. 42 no. 4:33-37 Ap '62.

COURTS
(see also subdivision under Chany District, Saratov United States)
Russia (1923- U. S. S. R.) Laws, statutes, etc. [Laws on the judicial system of the U. S. S. R and the Union Republics] Zakonodatel'stvo o sudoustroistve Soiuza SSR i soiuznykh respublik. Moskva, Gos. izd-vo lit-ry, 1961. 262 p. (Vazhneishie zakonodatel'nye akty Soiuza SSR i soiuznykh respublik)

COURTS, INDUSTRIAL see Labor courts

COURTSHIP IN LITERATURE see Love in literature

COWPOX see Vaccinia

COWS
Cases of abnormal placenta in cows P.V Popov
AZVI 9,386-387 '58.
Effect of cobalt on the digestion in rumen and milk productivity of cows. Kh Khaidarov. Visnyk
nauky 5 no. 3:115-117 Mr '62.
Effect of the injection of calcium gluconate on the
in cows [with summaries in English, German
French]. S. M. Rombe. Vest. sel'khoz. nauki
95-99 Ja '62.
Effect of the level of milk productivity on the dev
of internal organs in cows. S. T. Nesterenko. Visnyk
sil'hosp. nauky 5 no. 3:110-111 Mr '62

COWS—DISEASES AND PESTS
(see also subdivision under Dnepropetrovsk Province)
Cesarean section in cows. I. Prandzhev. Veterinariia
37 no. 8:55-57 Ag '60.

COWS — DISEASES AND PESTS (Continued)
Diagnosis of traumatic reticulitis and traumatic pericarditis P I. Ushakov, N. I. Shcherbinin. Veterinariia 37 no. 8:59-62 Ag '60
Early clinical signs of parturient paralysis in cows. A A Rubenkov. Veterinariia 37 no 8:58-60 Ag '60.
The fraction of ketone bodies in the blood of milk cows during metabolic disorders of the alimentary toxemia type. F.S. Polukhin. Veterinariia 37 no.10,51-53 O '60.
Measures to be taken in case of udder pox in cows. N.N Voloskov. Veterinariia 37 no.8 26 Ag '60.
Operative method of placental separation in cows. V I. Rubtsov Veterinariia 37 no 12 54-55 D '60.
Pathogenic therapy combined with antibiotics in treating mastitis in cows. V. M. Voskoboinikov Veterinariia 37 no 12 51-53 D '60.
Smallpox outbreaks in cows. S.I. Muratov. Veterinariia 37 no.8,25 Ag '60.
Treating the falling of the vagina in cows. G.N. Nikolaev, A.I. Korakoz. Veterinariia 37 no.10 59 O '60.

COWS—FEEDING AND FEEDS
(see also subdivision under Trans-Ili Alatau)
Results of using green corn for feeding cows K K Kusainov. Trudy AZVI 9:64-70 '56.
Using corn silage in dairy cow food rations A. U. Umirzakov. Trudy AZVI 9 56-63 '56

COXSACKIE VIRUSES
Enteroviruses in the territory of the Ukrainian S.S.R. Report No.2: Parapoliomyelitis viruses (Coxsackie and ECHO). M.F. Holub. Mikrobiol. zhur. 23 no.4, 38-43 '61.

COYPU
A coypu near Zelenogorsk. S. Tolstopiatov. Neva no.2, 215-217 '62.

CRABS
How animals help each other. Igor' Akimushkin. Vokrug sveta no.4:47 Ap '62.

CRACKING PROCESS see subdivision under Baku

CRANBERRIES
Cranberry. A.P. Nesterova. Zdorov'e 8 no.2:31 F '62.

CRANES, DERRICKS, ETC.
Automatic recording of the performance of freight hoisting cranes. B. S. Dukhan, V. S. Tarasov. Mekh. i avtom. proizv. 16 no 1:42-43 Ap '62
Design of cranes with a swinging boom. N.N. Ivashchenko. Mekhan. tip. det. i mat. mash. i prib. no.1:95-106 '61.
Designing main beams of crane bridges. V.N. Demokritov. Vest. mash. 42 no.4:30-33 Ap '62.
Jib cranes on self-propelled trucks. A. S. Obolenskii. Mekh. i avtom proizv. 16 no 3:46-47 Mr '62.
Lightweight grab buckets. L. Malcev. Rech. transp. 21 no. 3:15-17 Mr '62.
Lowering the weight of metal elements of cranes. A. G. Lysakov. Stroi. i dor. mash 7 no. 3:18-19 Mr '62.
Modernization of cable drums F. I elner. Mor. flot 22 no 2:18 F '62.
Modernization of the gantry crane "Gants." V. Kropachev, V. Dmitrenko. Rech. transp. 21 no. 3 13-15 Mr '62.
Modernizing four-rope clam-shells for RMZ cranes. O. Karakul'ko. Rech. transp. 21 no. 4:12 Ap '62.
New design of single-beam bridge cranes. V. A. Tsaikinov. Vest. mash. 42 no. 2:44-46 F '62.
New jib for a tower crane. I. I. Abramovich, V. I. Plemnec. Stroi. i dor. mash 7 no 3:15-16 Mr '62.
Parnitskii, A. B., and A. P. Shabashov. [General purpose bridge cranes, design and operation] Mostovye krany obshchego naznacheniia; konstruktsiia, raschet, ekspluatatsiia. Izd. 3., ispr. i dop. Moskva, Mashgiz, 1961. 316 p.
Road to mastery. A. Berin. Rech. transp. 21 no. 3,49-50 Mr '62.
SMK-7 truck crane. V. G. Myshkin. Stroi i dor. mash. 7 no 3:12-15 Mr '62.
Selecting tower cranes for assembling the main buildings of large thermal electric power plants. A. A. Gusakov. Izv. vys. ucheb. zav., stroi. i arkhit. 5 no. 1:91-96 '62.
Smorodinskii, I. M. [Cranes on tractors and motor-trucks for railroad construction] Krany na traktorakh i avtomobiliakh dlia transportnogo stroitel'stva. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1962. 70 p. (Bibliotechka stroitelia-mekhanizatora)
Using the 4030 crane on the "Belarus'" tractor in laying communication lines. Suggested by A. K. Grishchenko. Stroi. truboprov. 6 no. 11,27 N '61.
Vladovskii, M. S. [Open crane gantries; performance and design] Otkrytye podkranovye estakady, dolsvitel'naia rabota i proektirovanie. Khar'kov, Izd-vo Khar'kovskogo gos. univ. im. A. M. Gor'kogo, 1961. 210 p.

CRANES, DERRICKS, ETC.—MAINTENANCE AND REPAIR
Give greater help to efficiency promoters. O. Chapskaia. Rech. transp. 21 no. 3:48 Mr '62.

CRANES, DERRICKS, ETC.—SAFETY APPLIANCES see subdivision under Armenia

CRANIOLOGY see subdivision under Kazakhstan, Mingechaur, Shakhristan region

CRANIOMETRY
A new method for calculating the type contours of craniological series I I Gokhman Sov. etn no 2 125-130 Mr-Ap '62

CRANKS AND CRANKSHAFTS
Calculating permissible crooks in joints of diesel-engine crankgears. V.S. Semenov. Vest. mash. 42 no.4 18-22 Ap '62.
Materials and the heat treatment of crankshafts for high-speed diesels. G I. Zelenskaia, L. I Norova, A A IUrgenson Metalloved. i term. obr. met no. 4:56-58 Ap '62.

CREDIT
Business accounting and capital construction V. Gerashchenko Vop. ekon. no. 4:23-25 Ap '62.
Business accounting and the extension of credit according to the "Basic Principles of Civil Law." S Polenina. Sov. iust. no.6,9-11 Mr '62.
"Issuing credit on the basis of the turnover of materials" by N. Liatsinin. Reviewed by N Shabanova Vop. ekon. no. 4:121-123 Ap '62.
Mechanizing the accounting for deductions for goods sold on credit. V Dvoretskii, V. Rozhnov. Bukhg. uchet 18 no. 3 42-45 Mr '62.

CREDIT, EXPORT see Export credit

CREEP OF MATERIALS
Quasi-static problem of a thin momentless shell with zero Gaussian curvature under conditions of nonlinear creep of the material R M. Kirakosian Izv AN Arm SSR. Ser fiz -mat nauk 15 no. 2 153-159 '62.
Solution of the contact problem of the theory of creep in the case of linear relationship between stresses and strains. N. F. Kakosimidi, I. E. Prokopovich. PMTF no 1 102-106 Ja-F '62
Stability of plates in creep L M. Kurshin PMTF no 1: 93-101 Ja-F '62.

CREEP OF NICKEL
Increasing nickel's resistance to creep by preliminary low-temperature (4, 2°K) deformation. I. A. Gindin, IA. D. Starodubov, V. M. Azhazha. Dokl. AN SSSR 143 no. 6:1325-1327 Ap '62.

CREEP OF PLASTICS
Methods for shorter period creep tests of plastics. V. M. Shannikov, V. V. Meng. Plast. massy no. 3,67-69 '62

CRESOL
Working conditions for using dimethylphenylparacresol as a plastic fixing agent for synthetic rubber [with summary in English]. R. A. Gruzdeva, S. N. Sinitsyn Gig truda i prof. zab 6 no. 3:13-16 Mr '62.

CRIME AND CRIMINALS
(see also subdivision under Kazakhstan; Moldavia)
Bezuglov, A. A. [Unexpected evidence. Confession] Neozhidannoe dokazatel'stvo. Priznanie. Moskva, Gos. izd-vo iurid. lit-ry, 1962. 46 p.
Piontkovskii, A. A. [Course on Soviet criminal law. General part: Theory of crime in Soviet criminal law] Kurs sovetskogo ugolovnogo prava, obshchaia chast': Uchenie o prestuplenii po sovetskomu ugolovnomu pravu. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 665 p.
Put an end to a lenient attitude toward the criminal violation of agricultural laws. Sov iust. no 5:10-12 Mr '62
Recent legislative enactments. Sov. deput. trud. no.4:99-100 Ap '62.
Significance of the motives of criminal offenses. S. Borodin. Sov. iust. no. 6:24-25 Mr '62.
Struggle against loafers is a concern of the entire community. O Teslenko. Rad. pravo no. 2:48-50 Mr-Ap '62.

CRIME AND CRIMINALS, SEXUAL see Sex crimes

CRIME PREVENTION
(see also subdivision under Strashensy District; Volgograd)
Attorney at law and crime prevention. I. Goreshingorin, L. Bobrov. Sots. zakon. 39 no. 3 59-60 Mr '62
Crime prevention. M. Pasportnikov. Sots. zakon. 39 no. 3,43-45 Mr '62.
Crime prevention is our most important objective. Sov. iust. no. 6:26 Mr '62.
A discussion of crime prevention. G. A. Sots. zakon. 39 no. 3:79 Mr '62.
The 22d Congress of the CPSU and the objective of the elimination of criminal offenses in the U.S.S.R. A. Sakharov. Sov. iust. no. 6:6-8 Mr '62.

CRIMEA—ALGAE
New species of blue-green algae Nostoc edaphicum sp. n. [with summary in English]. N. V. Kondrat'eva. Ukr. bot. zhur. 19 no. 1:58-65 '62.

CRIMEA—CLEMATIS
New forms of Clematis jackmani selected at the Nikita Botanical Garden [with summary in English]. A. N. Volosenko Trudy GNBS 32:37-41 '60.

CRIMEA—CLOTHING INDUSTRY
Economic benefit of specialization. V. Rakitskikh. Sov. potreb. koop. 6 no. 4,23 Ap '62.

CRIMEA—CONGLOMERATE
Conglomerates of the Bitak series of the Crimea. T. I. Dobrovol'skaia, O. V. Snegireva Dokl. AN SSSR 143 no. 6:1417-1420 Ap '62.

CRIMEA—CYPRESS
Distribution of bald cypresses (Taxodium distichum Rich.) on the southern coast of Crimea [with summary in English]. N. G Marchenko Trudy GNBS 32 23-27 '60

CRIMEA—DESCRIPTION AND TRAVEL
"Man embellishes the earth" by G Sokolov. Reviewed by B. Alekseev IUn nat. no. 3 34 Mr '62

CRIMEA—FUNGI
New species of fungi detected at the Nikita Botanical Garden on the following plants Caesalpinia, Torreya, Podocarpus, and Myrtus [with summary in English] S A. Gutsevich. Trudy GNBS 32 141-159 '60

CRIMEA—GEOGRAPHY
Lapko, M. V., V. A. Rufin, and I. T. Tverdokhlebov. [Crimean Province, geographical study] Krym'ska oblast'; geograficbnyi narys. Kyiv, Derzh. uchbovo-pedagog. vyd-vo 'Radians'ka shkola," 1961. 138 p (Oblasti Ukrains'koi RSR)
[MICROFILM]

CRIMEA—GRAPES—IRRIGATION
TSelko, A. I., and K. T. Kozhevnikov. [Irrigation of vineyards] Oroshenie vinogradnikov Simferopol', Krymizdat, 1961. 93 p.
(DA)

CRIMEA—HEALTH RESORTS, WATERING PLACES, ETC.
Children's sanatorium on the Black Sea S Shantyr. Rad. shk. 41 no 5 32-35 My '62.

CRIMEA—ISOPODA
Fauna of terrestrial isopods (Isopoda terrestria) in the caves of the Crimea from the point of view of zoogeography [with summary in English]. E. V. Borutskii Zool. zhur. 41 no 2,193-202 F '62

CRIMEA—LANDSLIDES
Development of erosion-caused landslides on the south shore of the Crimea. I. B. Korzhenevskii, A A. Loonko, V. A. Cherevkov Razved i okh. nedr 28 no 4 50-51 Ap '62

CRIMEA—PASTURES AND MEADOWS
Changes in woody vegetation on Crimean mountain pastures in the postglacial period [with summary in English] N V Leoncheva. Trudy GNBS 32 107-113 '60

CRIMEA—PLANT INTRODUCTION
Water-holding capacity of leaves as an adaptation indice in the introduction of trees and shrubs on the southern coast of Crimea [with summary in English] A M Kormilitsyn, N. G. Marchenko. Trudy GNBS 32.55-60 '60.

CRIMEA—REDWOOD
Dawn redwood and its fungus stimuli, new and rare fungi in Metasequoia [with summary in English]. S. A. Gutsevich Trudy GNBS 32.115-139 '60

CRIMEA—REVOLUTION, 1917-1921
Kommunisticheskaia partiia Ukrainy. Krymskii oblastnoi komitet. Partiinyi arkhiv. [The struggle for Soviet power in Crimea; documents and materials] Bor'ba za Sovetskuiu vlast' v Krymu, dokumenty i materialy. Simferopol', Krymizdat.
Vol. 2. [Struggle of Crimean workers against foreign military intervention and counter-revolution during the civil war] Bor'ba trudiashchikhsia Kryma protiv inostrannoi voennoi interventsii i kontrrevoliutsii v gody grazhdanskoi voiny, 1961. 362 p.

CRIMEA—ROSES
High-quality rose seedlings developed at the Nikita Botanical Garden [with summary in English] V. N. Klimenko Trudy GNBS 32 29-35 '60
Striving for high crops of oil-producing roses. B P. Min'kov. Masl.-zhur. prom. 28 no.3:36-39 Mr '62.
Studying the methods of summer pruning of roses in connection with the duration of their flowering [with summary in English]. V. N. Klimenko. Trudy GNBS 32 61-66 '60

CRIMEA—STATE FARMS—ACCOUNTING
Account for the work results of each branch of agricultural production. P. A. Mikhailin. Uchet i fin. v kolkhoz i sovkhoz. 19 no. 4:14-16 Ap '62.

CRIMEA—THEATER
Novikova, M. L. [Theatrical Crimea; a sketch on theatrical art in Crimea] Krym teatral'nyi, ocherk o teatral'nom iskusstve Kryma. Simferopol', Krymizdat, 1961. 117 p.
(MH)

CRIMEA—THRIPS
A new species of predatory thrips (Thysanoptera) from the Crimea and Transcaucasia [with summary in English]. N. P. Diadechko Ent. oboz 41 no 1:160-162 '62.

CRIMEA—TREES
Root growth and soil management on the southern coast of the Crimea [with summary in English]. G. D. IAroslavtsev. Trudy GNBS 32:67-79 '60.

CRIMEA—WORLD WAR, 1939-1945

Sailor with two submachine guns. I. Polikakin Starsh. - serzh no 2,7 F '62

CRIMEAN MOUNTAINS—SILLS (GEOLOGY)

Sills in the Taurian series and their role in the geological history of the Crimean Mountains V. I. Lebedinskii. Izv. AN SSSR, Ser. geol. 27 no 4:32-39 Ap '62

CRIMES AGAINST PROPERTY see Offenses against property

CRIMINAL EVIDENCE see Evidence, Criminal

CRIMINAL INVESTIGATION

Case No. 316. I. Naimark Rad. pravo no. 2 79-84 Mr-Ap '62

Collection of evidence in criminal investigation. A. Kiykunov. Rad. pravo no. 2 65-68 Mr-Ap '62

Initiative prompted by life. M. Averbukh. Sots. zakon. 39 no 3 56-57 Mr '62

Initiative prompted by life. P. Kul'chitskii. Sots. zakon. 39 no. 3 57 Mr '62

Moscow. Universitet. IUridicheskii fakul'tet. [Special methods of the investigation of different criminal offenses] Metodika rassledovaniia otdel'nykh vidov prestuplenii. [Moskva] Izd-vo Mosk. univ., 1962. 254 p.

"Physical methods of the exposure of invisible texts" by A. Eisman, V. Nikolaichik. Sots. zakon. 39 no 3 96 Mr '62.

Some pressing problems of Soviet criminology. A. I. Vinberg. Sov. gos. i pravo 32 no. 5:44-50 My '62.

Starchenko, A. A. [Hypothesis; preliminary assumptions during criminal investigation] Gipoteza; sudebnaia versiia. [Moskva] Izd-vo Mosk. univ., 1962. 70 p.

We should improve the investigation of the criminal violation of industrial safety rules. M. Samaiev, I. Lanovenko. Rad. pravo no. 2 71-76 Mr-Ap '62.

Work of the All-Union Institute of Criminology attached to the Office of Public Prosecutor of the U. S. S. R. M. B. Sots. zakon. 39 no 3:65 Mr '62

CRIMINAL JUSTICE, ADMINISTRATION OF see subdivision under Ossetia, North; Ukraine

CRIMINAL LAW

(see also subdivision under France, Germany, East; Lithuania, Mongolia)

Theoretical problems of criminal law in the light of the decisions of the 22d Congress of the CPSU. A. Gertsenzon. Sots. zakon. 39 no. 3 35-42 Mr '62.

CRIMINAL PROCEDURE

(see also subdivision under France, Ukraine)

A. IA. Vyshinskii's harmful "theories" on Soviet criminal procedure. A. Vinberg, G. Kochalov, G. Min'kovskii. Sots. zakon. 39 no 3:12-22 Mr '62.

IAkimov, P. P. [The role of lay prosecutors and defenders in judicial proceedings] Obshchestvennyi obvinitel' i obshchestvennyi zashchitnik v sude. Moskva, Gos. izd-vo iurid. lit-ry, 1962. 46 p.

Retrial of cases by reason of newly discovered circumstances. S. Bytyi. Rad. pravo no. 2:65-70 Mr-Ap '62.

The right of persons who have suffered by a crime to appeal the sentence. V. Bozhiev. Sov. iust. no. 5:5-7 Mr '62.

CRINOTHENE see Polyethylene

CRISTOBALITE

Discovery of uranium-bearing *cristobalite and tridymite* in limestones N. A. Glagolev. Dokl. AN SSSR 143 no. 6:1421-1423 Ap '62.

CRITICAL POINT

...as from data

CROTONAMIDE

Synthesis of ethylolcrotonamide and N-methylethylolcrotonamide. S. N. Ushakov, K. M. Aleev. Izv. AN SSSR Otd. khim. nauk no. 4 693-694 Ap '62.

CRUELTY TO CHILDREN

A meeting. P. Rudiagin. Sots. zakon. 39 no. 3:66-67 Mr '62

CRUSHED STONE see Stone, Crushed

CRUSHING MACHINERY

Decrease in the wear of the components of coal pulverizing systems. F. L. Efremov. Energetik 10 no. 4 17 Ap '62.

New machinery. Stroi. i dor. mash. 7 no. 3:35-37 Mr '62.

Standardization of crushing machines with simple and complex jaw movements for the period from 1960 to 1965. Stroi. dor. mash. 7 no. 3:36-37 Mr '62.

CRUSHING MACHINERY—MAINTENANCE AND REPAIR

Electric slag welding of a conical crusher shaft. V. M. Khrundzhe, S. IA. Shekhter. Avtom. svar. 15 no 5:72-77 My '62.

CRUSTACEA see subdivision under Sevastopol, Bay of

CRUSTACEA, FOSSIL see subdivision under Caucasus

CRYOGENICS see Low temperature research

CRYSTAL LATTICES

Close-packed atoms in crystals of elementary substances. V. A. Sokolov. Uch. zap. Kazakh. un. 37 no. 4:29-45 '58.

Effect of spin-phonon interaction on the magnetic properties of paramagnetic substances. B. M. Khabibullin. Fiz. tver. tela 4 no 3:801-805 '62

Equation of state of a crystal at zero temperature [with summary in English]. N. A. Dmitriev. Zhur. eksp. i teor. fiz. 42 no 3:772-776 Mr '62.

Method for calculating internal electric field gradients in complex dipole structures. V. N. Liubimov, IU. N. Venevtsev, G. S. Zhdanov. Kristallografiia 7 no. 2:229-233 Mr-Ap '62.

New crystal surface decorating technique. G. I. Distler, S. A. Dariusina. Kristallografiia 7 no. 2:266-270 Mr-Ap '62.

Submicrostructural characteristics of naturally aged aluminum-zinc solid solutions. G. P. Kushin, O. I. Rybalko. Izv. vys. ucheb. zav.; tsvet. met. 3 no. 2:153-155 '60.

CRYSTALLIZATION

Crystallization coefficients of some alkali metal halides in the presence of microconcentrations of one of the components. A. P. Ratner, L. L. Makarov. Radiokhimiia 4 no. 1 13-19 '62.

Crystallization of magnesium alloys under pressure. A. V. Kurdiumov, I. A. Shestyrev. Lit. proizv. no 4:4-5 Ap '62.

Crystallization rate and purity of crystals obtained. L. N. Matusevich. Zhur. prikl. khim. 35 no 4:735-738 Ap '62

Deformations of the weld metal in the crystallization process during automatic welding. I. M. Zhdanov. Svar. proizv. no 4:26-28 Ap '62

Effect of the conditions of mass crystallization process on the quality of ammonium chloride suspensions and crystals. V. I. Panov and others. *Zhur. prikl. khim.* 35 no. 4:705-717 Ap '62.

Effect of the rate of cooling on the crystallization of bismuth-antimony alloys. V. M. Glazov. Izv. AN SSSR Otd. tekh. nauk. Met. i topl. no. 2:66-70 Mr-Ap '62.

Effect of the rate of heating on the activation energy of iron and steel recrystallization. V. I. Ivanov, K. A. Osipov. Izv. AN SSSR, Otd. tekh. nauk. Met. i topl. ...-Ap '62.

...ory of the mechanical strength of metals ...ation. V. S. Gavriliuk, M. N. Popova. ...30-32 *Ap* '62.

...g the crystallization process. N. N. ...izv. no. 4:27-30 Ap '62.

...g effective distribution coefficients ...tallization. V. N. Vigdorovich, K. M. ...t. Otd. tekh. nauk. Met. i topl. no. 2:

...tion in rods during zonal recrystal- ...ibles. I. V. Milov, V. V. Okinshe- ...izv. AN SSSR. Otd. tekh. nauk. Met. i ...r-Ap '62.

...a crystallizing ingot of cylindrical ...r in English]. D. E. Temkin. Inzh. - ...9-82 Ap '62.

...iff. net. V. A. Grossgeim, A. M. ...i okh. nedr 28 no. 3:46-47 Mr

...f infinite bands. A. V. Shubnikov. ...2:186-191 Mr-Ap '62.

...e W_6Fe_7 in the systems Ta - Ni and ...akevich, E. I. Gladyshevskii, E. N. ...grafiia 7 no. 2:212-216 Mr-Ap '62.

...crystals with large piezomoduli. ...Sholokhovich. Kristallografiia 7 2.

Hardness rosettes and shape of *dents on cubic crystals*. IU. S. Boiarskaia, M. I. Val'kovskaia. Kristallografiia 7 no. 2:261-265 Mr-Ap '62.

M. V. Lomonosov and crystallochemistry. N. V. Ageev, IU. M. Golutvin. Vop. ist. est. i tekh. no. 12 62-66 '62.

Magnetic properties and structure of some garnet systems. K. P. Belov and others. Kristallografiia 7 no. 2:242-246 Mr-Ap '62.

Orientation of microcrystals in thin layers of cadmium sulfide. A. F. Andrushko. Kristallografiia 7 no. 2:220-223 Mr-Ap '62.

Physical theory of plasticity *and strength*. V. L. Indenbom, A. N. Orlov. Usp. fiz. nauk 76 no 3 557-591 Mr '62.

Rhenium-aluminum compounds at the crystalline structures of some of them. P. I. Kripiakevich, IU. B. Kuz'ma. Kristallografiia 7 no. 2:309 Mr-Ap '62.

Role and tasks of crystallography in the light of resolutions passed by the 22d Congress of the CPSU. Kristallografiia 7 no. 2:181-185 Mr-Ap '62.

Structure of "adaptation zones" near low temperature twins in a ferrosilicon alloy. B. V. Molotilov. Kristallografiia 7 no. 2:252-256 Mr-Ap '62.

Study of the surface microrelief around the indentation mark on NaCl type crystals. A. A. Shpunt. Fiz. tver. tela 4 no 3:718-723 '62

X-ray diffraction photographing of crystals. V. M. Kardonskii. Kristallografiia 7 no. 2:313-315 Mr-Ap '62.

CRYSTALLOGRAPHY, MATHEMATICAL

Calculation of transformations of the crystalline polyhedron. A. M. Elistratov, R. A. Zvinchuk. Kristallografiia 7 no. 2:199-207 Mr-Ap '62.

Exciton and its motion in the crystal lattice. E. F. Gross. Usp. fiz. nauk 76 no. 3:433-466 Mr '62.

Kovalev, O. V. [Irreducible representations of space groups] Neprivodimye predstavleniia prostranstvennykh grupp. Kiev, Izd-vo Akad. nauk USSR, 1961. 153 p.

CRYSTALS

Characteristics of the propagation and reflection of ultrasonic rays in crystals. L. G. Merkulov, L. A. IAkovlev. Akust. zhur. 8 no 1:99-106 '62.

CRYSTALS—DEFECTS

Defects at stopping places of twins' boundaries. R. I. Garber, E. I. Stepina. Kristallografiia 7 no. 2:325-326 Mr-Ap '62.

Interaction of a nonlocalized exciton and an F^1 center. Z. S. Kachlishvili. Fiz. tver. tela 4 no. 3:736-744 '62.

CRYSTALS—ELECTRIC PROPERTIES

Symmetry of crystals displaying ferromagnetic as well as ferroelectric properties. L. A. Shuvalov, N. V. Belov. Kristallografiia 7 no. 2:192-194 Mr-Ap '62.

CRYSTALS—GROWTH

Apparatus for growing single crystals out of a melt under pressure. A. A. Shternberg, I. P. Kuz'mina, V. A. Kuznetsov. Kristallografiia 7 no. 2:334-336 Mr-Ap '62.

Determining the size of the elementary crystallization nucleus by means of acoustic measurements. N. F. Otpushchennikov. Kristallografiia 7 no. 2:305-308 Mr-Ap '62.

Effect of the form and motion of a crystal on the rate of growth of its faces. A. V. Boliustin, V. N. Portnov. Kristallografiia 7 no. 2:276-279 Mr-Ap '62.

Effect of thermal conditions on the structure of the crystallization front in single systems. V. T. Borisov, A. I. Dukhin. Kristallografiia 7 no. 2:280-285 Mr-Ap '62.

Some characteristics of crystal growth in condensed systems. A. L. Roitburd. Kristallografiia 7 no. 2:291-299 Mr-Ap '62.

CRYSTALS—MAGNETIC PROPERTIES

Symmetry of crystals displaying ferromagnetic as well as ferroelectric properties. L. A. Shuvalov, N. V. Belov. Kristallografiia 7 no. 2:192-194 Mr-Ap '62.

CRYSTALS—MODELS

Theory of magnetization in the two-dimensional Ising model. R. L. Stratonovich. Fiz. tver. tela 4 no. 3:618-628 '62.

CRYSTALS—SPECTRA

Theory of the shape of the nuclear acoustic resonance line in cubic crystals. N. G. Koloskova, U. Kh. Kopvillem. Fiz. tver. tela 4 no. 3:697-699 '62.

CRYSTALS—THERMAL PROPERTIES

Debye approximation for organic crystals. A. I. Kitaigorodskii. Kristallografiia 7 no. 2:195-198 Mr-Ap '62.

CRYSTALS, ELECTRON STATE see Excitons

CRYSTALS, LIQUID see Liquid crystals

CUBA—CHILDREN

Voice of Cuban children. Anna Nunez Machin. Neva no. 2:215 '62.

CUBA—COOPERATIVE SOCIETIES

Cuban revolution and cooperative societies. Teudis Trutier. Sov. potreb. koop. 6 no. 4:60 Ap '62.

DESCRIPTION AND TRAVEL
ov, S. S. [A trip to Cuba] Poezdka na Kubu. va, Sovetskii pisatel', 1962. 246 p.

ECONOMIC CONDITIONS
is the awakening of America, social and economic es" [in Spanish] by Ramón Ramirez Gómez. Reed by S. Pakin. Mezhdunar. zhizn' 9 no. 5 127-129 '62.
yes]" Reviewed by P. Portnov. Sov. pech. no. 2 '62.
ewska, Wanda. [Archipelago of freedom. Translated the Polish] Arkhipelag svobody. [Moskva] Izd-vo vda," 1962. 94 p.

FARM MECHANIZATION—STUDY AND TEACHING
e machine operators of the free Cuba. A. Aslanish. Prof.-tekh. obr. 19 no. 3 11 Mr '62.

JOURNALISTS
ork for the revolution." Maia Okuneva. Sov. pech. :53-55 Ap '62.

POLITICS AND GOVERNMENT
yes]" Reviewed by P. Portnov. Sov. pech. no. 2 '62.
revolution and cooperative societies. Teudis ler. Sov. potreb. koop. 6 no. 4 60 Ap '62.
ewska, Wanda. [Archipelago of freedom. Translated the Polish] Arkhipelag svobody. [Moskva] Izd-vo vda," 1962. 94 p.

RELATIONS (GENERAL) WITH RUSSIA
ll return to Cuba as agriculture mechanizers. Un 6 no. 3 10-19 Mr '62.

LITERATURE—HISTORY AND CRITICISM
ne history of Cuban literature" by Jose Antonio uondo. Reviewed by L. Ospovat. Vop. lit. 6 1:2 218-222 Ap '62.

PERIODICALS
socialista," nos. 1-6, 1961-1962. Reviewed by alkin, M. Mokhnachev. Kommunist 39 no. 8, 113-My '62.

BERS—VARIETIES see subdivision under Gissar ey

VATED PLANTS see Plants, Cultivated

VATORS
e for recording soil profile. V. S. Podgorichani khoz. 15 no. 4 71 Ap '62.
'S-O, 9A rotary garden cultivator. E. A. Klimova, kt. i sel'khozmash. 32 no. 4 42 Ap '62.
ontal stability of the wide-cut ZKRN-2, 8A tractor-nted cultivator. O. A. Minaev. Trudy MIMESKH 4 2:130-151 '59.
of a flat electromagnet for cultivator automation. . Grebennikov. Trudy MIMESKH 4 no. 2:152-164

VATORS—MAINTENANCE AND REPAIR
-up welding of cultivator sweeps using 80 mm/c and -frequency currents. V. N. Tkachev, M. S. Smovt. kt. i sel'khozmash. 32 no. 4 42-45 Ap '62.

ERLAND DISEASE see Anthrax

VE
t of certain factors on the rate of oxidation of cu-e by oxygen and on its hydroperoxide yield. V. A. shunov, B. A. Redoshkin, Iu. D. Golubev. Zhur. prikl. n. 35 no. 4, 832-838 Ap '62.

FORM INSCRIPTIONS
cuneiform documents concerning the laying out of irrigation canal [with summary in English]. A. A. man. Trudy Gos. Ermi. 5:24-30 '61.

AS see Domes

RELIKE SUBSTANCES
ge of the conditioned reflex activity of white rats er the influence of curarelike preparations. A. I. skin, B. A. Flerov. Trudy Inst. vys. nerv. deiat. Ser. ofiziol. no. 9:160-167 '61.
of curarelike preparations in surgical urology [with mary in English]. E. B. Mazo. Urologiia no. 2: 28 '62.

SITY
nting and investigating reflexes and their development ontogenesis and phylogenesis [with summary in glish]. E. G. Vatsuro. Vop. psikhol. 8 no. 1:113-120 -F '62.

ING MACHINES
inuous line for cutting transformer steel rolls. A. I. tsepin. Mashinostroenie no. 2:109 Mr-Ap '62.

ORMS
ication of radioactive isotopes for marking moths of grain cutworm [with summary in English]. S. V. reev, V. A. Molchanova, B. K. Martens. Zool. zhur. no. 1:85-91 Ja '62.

CYANIDES
Blood sugar change under the influence of cyanides and alcohol following their separate and combined action. S. N. Sinitsyn. Farm. i toks. 25 no. 1:113-114 Ja-F '62.
Complexometric determination of zinc and nickel in a cyanide electrolyte. A. A. Amsheeva. Zav. lab. 28 no. 3 278-279 '62.
Study of electrochemical transducers for the control of residual cyanide concentrations in the pulp. G. A. Khan, A. S. Kuz'kin. Izv. vys. ucheb. zav., tsvet. met. 3 no. 2 43-49 '60.

CYANOCOBALAMINE
Anaphylactic shock as a complication following treatment with vitamin B_{12}. Iu. D. Borodulin. Klin. med. no. 8, 139-141 '61.
Changes in the bactericidal function of the skin and absorptive capacity of the reticulo-endothelial system under the influence of vitamin B_{12} [with summary in English]. O. V. Bukharin. Zhur. mikrobiol., epid. i immun. 33 no. 3:98-102 Mr '62.
Disturbance in the vitamin B_{12} metabolism in leukemias [with summary in English]. O. V. Kurlov. Klin. med. no. 8 42-50 '61.
Use of vitamin B_{12} produced by a microbiological method. V. K. Paraskin. Veterinariia 38 no. 1 63-65 Ja '61.
Vitamin B_{12} level in the blood serum of normal subjects and its seasonal variations. V. V. Timofeeva. Probl. gemat. i perel. krovi no. 4 43-45 '62.

CYBERNETICS
Cybernetics and automatic control. B. A. Trapeznikov. Priroda 51 no. 4:27-34 Ap '62.
Cybernetics and medicine. P. K. Anokhin. Zdorov'e 8 no. 4:9-11 Ap '62.
Cybernetics and outer space. V. Denisov. Radio no. 4 5-8 Ap '62.
Cybernetics and problems concerning the psychology of work [with summary in English, pp. 183-181]. L. B. Itel'son. Vop. filos. 16 no. 1:12-16 '62.
Cybernetics and the forest. V. Nesterov. Znan.-sila 37 no. 3:20-21 Mr '62.
"Labyrinth," a computer model. B. M. Komskii. Shkola i proizv. 8 no. 3:81-86 Mr '62.
Latvijas Padomju Socialistiskas Republikas Zinatnu akademija. Institut elektronikl i vychislitel'noi tekhniki. [Electronic machines serve men; a collection of popular works] Elektronnye mashiny sluzhat cheloveku, sbornik nauchno-populiarnykh statei. Riga, Izd-vo Akad. nauk Latviiskoi SSR, 1961. 170 p.
Possibility of the use of a cybernetic method for increasing the precision of electric measuring instruments. P. V. Novitskii. Izm. tekh. no. 4 18-21 Ap '62.
Theoretical possibilities for the improvement of electronic calculating machines. V. A. Bokarev. Nauch. dokl. vys. shkoly, filos. nauki 5 no. 2:91-97 '62.
Use of mathematical and cybernetic methods in educational research. L. B. Itel'son. Sov. pedag. 26 no. 4 45-55 Ap '62.
What is cybernetics. V. Pekelis. Sov. profsoiuzy 10 no. 2:27-30 Ja '62.

CYBERNETICS—CONGRESSES
Papers on cybernetics read at the Moscow Society of Mathematics and a methodological conference of a mechano-mathematical faculty of the Moscow State University. Probl. kib. no. 7:234 '62.
Scientific conference on "Automatic learning machines and the processing of information in organisms." A. V. Napalkov. Vop. psikhol. 8 no. 1 168-173 Ja-F '62.
Seminar on chemical cybernetics. P. G. Kuznetsov. Zav. lab. 28 no. 3:336-337 '62.
Seminar on cybernetics held at the Moscow State University. Probl. kib. no. 7:233-234 '62.

CYCLOHEXADIENONE
4-Bromo-2, 6-di-tert. butylcyclohexadien-2, 5-one. V. V. Ershov, A. A. Volod'kin. Izv. AN SSSR. Otd. khim. nauk no. 4:730 Ap '62.

CYCLOHEXANE
Adsorption and dehydrogenation of cyclohexane on platinum films at room temperature. V. M. Grigorov, V. I. Shimulis, T. V. Dilingerova. Vest. Mosk. un. Ser. 2 Khim. 17 no. 2 26-28 Mr-Ap '62.
Consecutive reactions in gasoline recover process. L. M. Kaliberdo, I. V. Kalechits. Trudy Vost.-Sib. fil. AN SSSR no. 38:152-154 '61.
Experimental data for the hygienic permissibility of nitrocyclohexane in water reservoirs [with summary in English]. V. A. Savelova, V. V. Russkikh. Gig. i san. 26 no. 5:9-14 My '61.
Polarographic determination of picric acid in the presence of nitrophenols, nitrobenzenes, and nitrocyclohexane. Analysis of the products of cyclohexane nitration [with summary in English]. IA. I. Turian, P. M. Zaitsev. Zhur. anal. khim. 17 no. 2:231-234 Mr-Ap '62.
Thermal decomposition of the ammonium salt of nitrocyclohexane. E. V. Gonkina, M. N. Gorodiskaia. Zhur. VKHO 7 no. 2:237-238 '62.

CYCLOHEXANEDIONE
Polynuclear heterocyclic compounds. Part 5: Addition of dimedon imines to 2-aryliden-1, 3-indandiones. E. I. Stankevich, G. IA. Vanag. Zhur. ob. khim. 32 no. 4: 1146-1151 Ap '62.

CYCLOHEXANETETRACARBOXYLIC ACID
Solubility of 1, 2-diaminocyclohexanetetraacetic acid in ammonia and hydrochloric acid. A. E. Klygin, I. D. Smirnova. Zhur. ob. khim. 32 no. 4 1259-1262 Ap '62.

CYCLOHEXANOL
Formation of nitrophenols in the oxidation of cyclohexanol by nitric acid. G. I. Kostyrev, I. IA. Lubimitskii. Zhur. ob. khim. 32 no. 4 1355-1356 Ap '62.

CYCLOHEXANONE
Polarographic study of some impurities in cyclohexanone. T. S. Ivchet, P. M. Perepletchikova, E. N. Zil'berman. Zhur. prikl. khim. 35 no. 3 631-637 Mr '62.

CYCLOHEXENE
Aromatic hydrocarbons. Part 21. Polynuclear hydrocarbons including the system of indan 1-(cyclopentenyl-1')-cyclohexene in diene synthesis. V. R. Skvarchenko, Lin Veen-tian', R. IA. Levina. Zhur. ob. khim. 32 no. 4 1023-1025 Ap '62.

CYCLOIDS, MIXED (CHEMISTRY) see Heterocyclic compounds

CYCLONES
Vertical currents in the intensive cyclogenesis of October 1-3, 1953. A. D. Dzhurаev, M. N. Morozova. Izv. AN Uz. SSR, Ser. fiz.-mat. nauk 6 no. 1:60-73 '62.

CYCLOPENTADIENE
Monodeuterocyclopentadiene. V. A. Mironov, E. V. Sobolev, A. N. Elizarova. Dokl. AN SSSR 143 no. 5 1112-1115 Ap '62.

CYCLOPS
"The group Cyclops rubens (syn. Cyclops strenuus) Revision of the genus Cyclops s. str. (O. F. Muller, 1770) (Crustacea, Copepoda)" [in French] by K. Lindberg. Reviewed by V. A. Ishimov. Zool. zhur. 41 no. 1:151-152 Ja '62.

CYCLOTRON
Radiation force retarding the motion of electron bunches in a microtron [with summary in English]. S. P. Kapitsa, L. A. Vainshtein. Zhur. eksp. i teor. fiz. 42 no. 3 821-830 Mr '62.

CYCLOTRON RESONANCE
Effect of a weakly inhomogeneous magnetic field on resonance phenomena in metals. E. A. Kaner, V. M. Nabutovskii. Fiz. tver. tela 4 no. 3, 685-691 '62.
Electromagnetic waves in a plasma in the region of ionic cyclotron resonance. L. S. Bogdankevich, A. A. Rukhadze. Zhur. tekh. fiz. 32 no. 3 322-328 Mr '62.
Kol'ga, V. V. [Compensating nonlinear resonances in a relativistic cyclotron] Kompensatsiia nelineinykh rezonansov v relativistskom tsiklotrone. Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 5 p.

CYLINDER (MATHEMATICS)
Anisotropic cylindrical shells under axially-symmetrical loads. L. A. Movsisian. Izv. AN Arm. SSR Ser. fiz.-mat. nauk 15 no. 2 111-119 '62.
Problem of an axially symmetric deformation of a hollow cylinder of definite length. B. L. Abramian, A. A. Babloian. Izv. AN Arm. SSR Ser. fiz.-mat. nauk 15 no. 2 87-99 '62.
Torsion of a cylindrical shell with an arbitrary closed section. N. Kh. Arutiunian. Izv. AN Arm. SSR. Ser. fiz.-mat. nauk 15 no. 2 101-109 '62.

CYLINDERS
Investigating stresses in the contact area of elastic cylinders at an unsymmetrical pressure distribution. B. L. Romalis. Vest. mash. 42 no. 4:13-18 Ap '62.

CYMOGRAPH see Kymograph

CYPRESS see subdivision under Crimea

CYSTEINE
Inclusion of cysteine S^{35} into liver and blood serum proteins in toxic hepatitis produced by the action of some chemical substances used in industry [with summary in English]. P. G. Garkavi. Biul. eksp. biol. i med. 3[i. e. 53] no. 3 50-52 Mr '62.

CYSTS
Bronchogenic cyst of the esophagus. N. A. Bykova, V. I. Pronin. Grud. khir. no. 2:86-88 '62.
Case of spontaneous cyst of the root of the iris diagnosed by gonioscopy. V. M. Pan'kiv. Oft. zhur. no. 2 113-114 '62.
Congenital absence of the pericardium in combination with a bronchogenic cyst of the left lung. A. A. Voronov, S. G. Gavrilov. Grud. khir. no. 2:76-79 '62.
Cyst of the large intestine. S. M. Freidlin. Vest. rent. i rad. 37 no. 2 64-65 Mr-Ap '62.
Cysts of the stomach. A. S. Aniukhovskii. Zdravookhranenie 5 no. 1:62-63 Ja-F '62.
Suppuration of ovarian cysts and their treatment. G. A. Kalashnikova. Sbor. nauch. rab. Kaf. akush. i gin. GMI no. 2, 108-111 '60.
X-ray diagnosis of retention cysts of the frontal sinuses [with summary in English]. M. Kh. Faizullin, A. M. Faizullin. Vest. rent. i rad. 37 no. 2:29-32 Mr-Ap '62.

CYTODIAGNOSIS see Diagnosis, Cytologic

CYTOLOGY

Cytology of protozoa at the First International Conference on Protozoology in Prague. E. M. Kheissin, I. B. Raikov. Tsitologiia 4 no. 1:93-98 Ja-F '62.

Program of the Communist Party of the Soviet Union and some aims for the development of cytology in our country. Tsitologiia 4 no. 1:1-VI Ja-F '62.

Stability of transplantable cell lines [with summary in English]. S. IA. Zalkind, I. G. Stepanova, V. V. Terskikh. Biul. eksp. biol. i med. 53 no. 1:96-99 Ap '62.

CYTOPLASM see Protoplasm

CYTOTOXIC DRUGS

Biological methods of obtaining antimetabolites from a malignant growth. G. F. Gauze. Vest. AMN SSSR 17 no. 3:8-12 '62.

Cancerolytic peptides having specific action. I. L. Knunyants and others. Zhur. VKHO 7 no. 2:238 '62.

Effect of some cytostatic preparations on the endocrine system (experimental study) [with summary in English]. Sh. M. Milku, G. Tsimel', I. Petriia. Vop. onk. 8 no. 3:86-92 '62.

Experimental data on an antineoplastic preparation phenestrin [with summary in English]. L. F. Larionov, S. A. Degteva, N. A. Lesnaia. Vop. onk. 8 no. 4:12-11 '62.

Experimental study of the new antitumor antibiotic aurantin. A. M. Kharitonova, N. P. Gracheva. Vest. AMN SSSR 17 no. 3:13-23 '62.

CYTOTOXIC DRUGS—CONGRESSES

Scientific conference on the problem of investigating and studying antitumor and antibacterial antibiotics, T. A. Uspenskaia. Vest. AMN SSSR 17 no. 3:89-93 '62.

CZECHOSLOVAKIA—AIR FORCE

The bearing is accurate. M. Kloub. Starsh. -serzh. no. 4:16 Ap '62

CZECHOSLOVAKIA—ARMY—INSIGNIA

Insignia of rank of Czechoslovak Army soldiers. I. Slednov. Starsh. -serzh. no. 4:16 Ap '62

CZECHOSLOVAKIA—ARMY—NONCOMMISSIONED OFFICERS

A word about sergeants. J. Vojtasek. Starsh. -serzh. no. 4:12 Ap '62

CZECHOSLOVAKIA—ATOMIZATION

Generator of aerosols. F. Gromada. IUn. tekh. 6 no. 3:60-61 Mr '62.

CZECHOSLOVAKIA—BORING

Air drilling in Czechoslovakia. V. Miklas. Razved. i okh. nedr 28 no. 4:56-60 Ap '62.

CZECHOSLOVAKIA—COMMUNIST PARTY

Communist propaganda in the Czechoslovak Army in 1930-1933. F. I. Filisov. Vop. ist. KPSS 6 no. 2:118-131 '62.

A review of foreign periodicals devoted to the history of Communist parties. Vop. ist. KPSS 6 no. 2:209-210 '62.

CZECHOSLOVAKIA—CONSTITUTION

Czechoslovak Republik. Constitution. [Constitution of the Czechoslovak Socialist Republic adopted by the National Assembly of July 11, 1960. Translated from the Czech] Konstitutsiia Chekhoslovatskoi Sotsialisticheskoi Respubliki, priniata Natsional'nym sobraniem 11 iiulia 1960 goda. Moskva, Gosturizdat, 1961. 39 p. (MH)

CZECHOSLOVAKIA—COOPERATIVE SOCIETIES

Cooperative societies of socialist Czechoslovakia. Sov. potreb. koop. 6 no. 4:57-59 Ap '62

CZECHOSLOVAKIA—INDUSTRIAL HYGIENE

Work of the Research Institute for Labor Protection in Prague and the Provincial Institute in Bratislava.

CZECHOSLOVAKIA—SCIENTIFIC SOCIETIES

"The Royal Czech Society of Sciences and the beginning of the scientific study of nature in Czechoslovakia" by Mikuláš Teich. Reviewed by G. K. Zveiava. Vop. ist. est. i tekh. no. 12:226-228 '62.

CZECHOSLOVAKIA—SHOE MANUFACTURE

Snaidr, František. [Technology of shoe manufacture. Translated from the Czech] Tekhnologiia obuvi. Pod red. M. I. Magida i I. I. Steshova. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR.
Vol. 1. 1960. 210 p.

CZECHOSLOVAKIA—TANKS (MILITARY SCIENCE)

Through obstacles. S. Buchlak. Starsh. -serzh. no. 4:17 Ap '62

CZECHOSLOVAKIA—VOCATIONAL EDUCATION—PERIODICALS

Technical periodical of our friends. IA. Ginevskii. Shkola i proizv. 6 no. 4:92-93 Ap '62

CZECHOSLOVAKIA—WORLD WAR, 1939-1945

"How the U.S.S.R. helped the Czechoslovak people, documentary materials of Soviet-Czechoslovak friendship" [in Czech] by C. Amort. Reviewed by P. I. Rezonov. Nov. i noveish. ist. no. 2:154-156 '62.

CZECHOSLOVAKIA—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS

Nedorezov, A. I. [National liberation movement in Czechoslovakia, 1938-1945] Natsional'no-osvoboditel'noe dvizhenie v Chekhoslovakii, 1938-1945. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 369 p.

DDT (INSECTICIDE)

"How DDT acts upon insects" by N. B. Il'inskaia. Reviewed by IU. M. Olenov. Ent. obozr. 41 no. 1:245 '62

DACRYOCYSTORHINOSTOMY

Modification of the operation of dacryocystorhinostomy proposed by B. S. Brodskii. I. M. Nakhmanovich. Oft. zhur. no. 2:116-117 '62.

DAGHESTAN—SIDERITE

Mineralogical and geochemical zonation of sideritic deposits in Daghestan. Ch. M. Khalifa-Zade. Izv. vys. ucheb. zav., geol. i razv. 5 no. 3:70-84 Mr '62

DAGHESTAN—WOMEN AS FARMERS

Our beautiful "queen." M. Temirbekova. Komsom. zhizn' no. 8:22-24 Ap '62

DAHOMEY—ECONOMIC CONDITIONS

Dahomey Republic. N. Pykhtunov. Vnesh. torg. 42 no. 5:32-36 '62.

DAIRY BACTERIOLOGY

Nepomnashchaia, M. L., L. IU. Medvinskaia, and L. A. Liberman. [Streptococcus lactis bacteriophage and its control in the dairy industry] Bakteriofag molochnokislykh streptokokkov i bor'ba s nimi v molochnoi promyshlennosti. Kiev, Izd-vo Akad. nauk USSR, 1961. 151 p.

DAIRY BARNS
(see also subdivision under Ivanovo Province)

Advantages of the loose housing of cows. A. IA. Runtsis. Vest. sel'khoz. nauki 7 no. 1:130-141 Ja '62.

A matter of national importance. A. Filippov. Tekh. v sel'khoz. 22 no. 4:30-32 Ap '62.

DAIRY BARNS—EQUIPMENT AND SUPPLIES

Device for the distribution of concentrated fodder. N. Klokov. Tekh. v sel'khoz. 22 no. 4:32-35 Ap '62.

DAIRY CATTLE—FEEDING AND FEEDS

Effect of feeding before calving on the productivity of high-yielding cows [with summaries in English, German, and French]. P. V. Demchenko. Vest. sel'khoz. 7 no. 1:71-78 Ja '62.

Fodder distributor and mixer. A. Chernichko, V. Lakhtionov. Tekh. v sel'khoz. 22 no. 4:35-37 Ap '62.

DIARY INDUSTRY—FINANCE see subdivision under Kiev

DAIRY PRODUCTS—ANALYSIS AND EXAMINATION

"Veterinary and sanitary inspection of milk and milk products" by V. P. Koriazhnov. Reviewed by S. G. Kheraskov. Veterinariia 37 no. 12:74 D '60.

DAIRYING
(see also subdivision under Ushachi District)

"Dairying" by Z. Kh. Dilanian. Reviewed by H. H. Khmelyk. Visnyk sil'hosp. nauky 5 no. 3:121-122 Mr '62.

Economic effectiveness of the mechanization of heavy work on dairy and swine farms. L. H. Halamaha. Pyt. ekon. sil'. hosp. URSR no. 3:120-128 '61.

DAIRYING—EQUIPMENT AND SUPPLIES

["Herringbone" arrangement for milking parlors for each farm] "Elochku" v kazhdoe khoziaistvo. [Belgorod], Belgorodskoe knizhnoe izd-vo, 1962. 21 p. (DA)

DAMPING (MECHANICS)

Designing a torsional vibration damper. V. N. Moskalev. Avt. prom. 28 no. 4:16-20 Ap '62.

Determination of the damping capacity of steel. R. L. Zaidel'man. Zav. lab. 28 no. 3:347-351 '62.

Evaluating the air parameters in a tubular damper. A. S. Kane. Energomashinostroenie 8 no. 4:37-40 Ap '62

Selection of efficient damping parameters for hydraulic load brakes. N. R. Sulaveridze. Izv. vys. ucheb. zav., gor. zhur. no. 7:139-142 '61.

DAMS
(see also subdivision under Bratsk Hydroelectric Power Station, Japan)

Loess-like clayey soil as material for the construction of antifiltration elements in high-pressure earth dams. I. N. Gudaev. Gidr. stroi. 32 no. 4:26-28 Ap '62

DAMS—FOUNDATIONS

Use of a combined drainage system in draining foundation trenches in sandy soil. V. M. Shestakov. Gidr. stroi. 32 no. 4:28-30 Ap '62

DAMS (HORSES) see Mares

DANCING

The soul of a people is in its dances. M. Ignat'eva. Kul't. i zhizn' 6 no. 2:22-24 '62.

DANGARA DISTRICT—CITIES AND TOWNS, RUINED, EXTINCT, ETC.

Ancient site of Tadzhik-Kala in Dangara District. V. A. Ranov, E. A. Il'iukevich. Trudy Inst. ist., arkheol. i etn. AN Tadzh. SSR 27:169-172 '61.

DANGEROUS OCCUPATIONS see Occupations, Dangerous

DANILOV, BORIS FEDOROVICH

Silver medal awarded to lathe operator Danilov. Moskva 5 *no. 9:182 '61*

DANILOV, MIKHAIL VASIL'EVICH

"Firework fun of a master," Reviewed by K. Kostrin. Neva no. 3:221-222 '62.

DANISH LANGUAGE—VERB

Verbal formation of the "afskaere, skaere af" type in the contemporary Danish language." I. G. Vasil'eva. Vest. Mosk. un. Ser. 7. Filol., zhur. 17 no. 2:34-45 Mr-Ap '62.

DANZIG—SHIPBUILDING

Here ships are born. IU. Popkov. Vokrug sveta no. 4:58-61 Ap '62.

DARWIN, CHARLES ROBERT, 1809-1882

Noteworthy dates in science and technology. Shkola i proizv. 6 no. 4:90 Ap '62.

DASHKESAN REGION—ALUNITE

Physicochemical characteristics of alunite and its quantitative-mineralogical estimation as revealed by the Zagly deposit. M. A. Kashkai, I. A. Babaev. Izv. AN Azerb. SSR Ser. geol.-geog. nauk no. 6:3-15 '60

DASHKESAN REGION—ORE DEPOSITS

Characteristic of the distribution and formation of ore columns in the Dashkesan northern cobalt deposit. K. A. Markov. Trudy VSEGEI 60:51-61 '61

DATOLITE see subdivision under Far East

DAVIS, COLIN, 1927-

Colin Davis. M. Sabinina. Sov. muz. 28 no. 4:112-113 Ap '62.

DAVYDOV, BORIS VLADIMIROVICH, 1883-1925

First hydrographic surveyor of the Far East. A. Plakhotnik. Mor. flot 22 no. 4:36 Ap '62.

DEAF—EDUCATION

Study of the gender of nouns by deaf students in the fifth grade. I. A. Fan. Ukr. mova v shkoli 12 no. 2:67-71 Mr-Ap '62

DEAF CHILDREN see Children, Deaf

DEATH—CAUSES

Medicolegal diagnosis of death from gastric tetany. E. G. Klein. Sud.-med. ekspert. 5 no. 1:8-10 Ja-Mr '62.

DEATH—PROOF AND CERTIFICATION

Present-day problems of thanatology, review of some medicolegal works published abroad during 1958-60. G. IA. Pekker. Sud.-med. ekspert. 5 no. 1:58-59 Ja-Mr '62.

DEATH, APPARENT

Al'perovich, I. S., A. N. Varenik, and E. S. Skorniakova. [First aid in traumatic shock and terminal states] Skoraia meditsinskaia pomoshch' pri travmaticheskom shoke i terminal'nykh sostoianiiakh; opyt Leningradskoi *stantsii* skoroi pomoshchi. [Leningrad] Medgiz, 1961. 51 p. (Peredovoi opyt organizatsii zdravookhraneniia) (DNLM)

Intra-arterial transfusion of blood in obstetrical practice, according to data from the maternity homes in Gorkiy. L. P. Zagriadskaia. Sbor. nauch. rab. Kaf. akush. i gin. GMI no. 2:60-62 '60.

Introduction of the method of intra-arterial blood infusion into the practice of Consolidated Maternity Home No. 5 in Gorkiy. G. P. Maiorova. Sbor. nauch. rab. Kaf. akush. i gin. GMI no. 1:111-114 '60.

Second All-Union Conference on the Pathology and treatment of terminal States. M. M. Mel'nikova. Zdrav. Turk. 6 no. 1:43-45 Ja-F '62

DECOMPRESSION SICKNESS
Effect of high air temperature on the appearance of decompression sickness [with summary in English]. V. A. Averʹianov. Pat. fiziol. i eksp. terap. 5 no. 6:36-39 N-D '61.

DECORATION AND ORNAMENT, ADYGE
Azamatova, M. Z., comp. [Adyge folk ornament] Adygeiskii narodnyi ornament, [Maikop, Adygeiskoe knizhnoe izd-vo, 1960] 7, 11 p. chiefly illus. (Mil)

DECORATION AND ORNAMENT, EGYPTIAN
Coptic ivory plaques of the 4th and 5th century. M Bystrikova Soob. Gos. Erm. no 21:35-39 '61.

DEEP-SEA DEPOSITS see subdivision under Kronotskiy Gulf; Kurile Islands region, Ukraine

DEFENSES, NATIONAL see also subdivision 'Defenses' under Japan; Russia

DEFICIENCY DISEASES
Apilac (royal jelly) in the compound treatment of chronic nutritional disorders in children. N.N.Il'inah. Pediatriia no.4:8-11 '62.
Comparative evaluation of different methods of administering aminokrovin in treating hypotrophy in children. R.D.Shumkova. Pediatriia no.4:12-14 '62.
Protein and vitamin deficiencies as factors in animal diseases. IA. I Kleinbok, V M Petrov, K N Petrov. Trudy AZVI 0.121-138 '56.
Use of a preparation of royal jelly on children with chronic nutritional disorders [with summary in English]. E.M. Fateeva, N.I. Roshal'. Pediatriia no.4:15-19 '62.

DEFORMATIONS (MECHANICS)
Approximate equations of the spatial flexure of circular rings with asymmetric cross section. A.I., Rabinovich. Trudy MFTI no.7:20-45 '61.
Condition of the positivity of energy dissipation in the laminar flow of a rigid-plastic body. O D Grigor'ev. PMTF no. 1:164 Ja-F '62.
Deformations of the weld metal in the crystallization process during automatic welding. I. M Zhdanov. Svar proizv no 4 26-28 Ap '62
Determining deformations developing during the metal cooling process in the brittleness temperature range V S. Ignat'eva, IU. V. Subbotin. Svar. proizv no. 4: 28-30 Ap '62.
Dynamic strength of building materials at medium deformation rates. A. P. Bronskii and others. PMTF no 1 118-130 Ja-F '62.
Effect of uniaxial deformation on the conductance of bismuth telluride and selenide. IU. V. Ilisavskii. Fiz. tver. tela 4 no 3:818-820 '62.
Exposure of the tendency to brittle failure in welded joints of austenite steels at high temperature A. V. Stanitukovich, V. N. Zemzin Zav lab 28 no. 3:338-341 '62
Fridman, IA. B., T. K. Zilova, and N. I. Dominn. [Using the method of rolled-on gratings in investigating plastic deformation and breakdown] Izuchenie plasticheskoi deformatsii i razrusheniia metodom nakatannykh setok. Moskva, Gos. nauchno-tekhn. izd-vo Oborongiz, 1962. 187 p.
Increasing nickel's resistance to creep by preliminary low-temperature (4.2°K) deformation I. A. Gindin, IA. D. Starodubov, V. M. Azhaha. Dokl. AN SSSR 143 no. 6:1325-1327 Ap '62.
Insertion of convex rigid stamps into an orthotropic plastic medium. V.O.Gengdzhaev. Trudy MFTI no.7:56-63 '61.
Investigating the texture of cold compression worked iron N. I. Varich. Metalloved. i term obr. met. no 4 17-20, Ap '62
Kinematics of metal flow in simple rolling grooves. I. A. Mamedov. Izv. AN Azerb. SSR, Ser. fiz. -mat. i tekh. nauk no. 6:25-30 '61.
Microscopic investigation of palladium deformation in the process of stretching at high temperatures. M.G. Lozinskii, N.Z. Portsovskii. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 2:136-144 Mr-Ap '62.
Plastic flow of a plane specimen weakened by circular cut-out holes and subjected to stretching. V.N. Kukudzhanov. Trudy MFTI no.7:64-70 '61.
Problem of an axially symmetric deformation of a hollow cylinder of definite length. B. L. Abramian, A. A. Babloian Izv. AN Arm. SSR. Ser. fiz. -mat. nauk 15 no. 2: 87-90 '62.
Remark on the theory of inserting a stamp into a plastic medium. A. I. Kuznetsov. PMTF no. 1:162-163 Ja-F '62
Temperature and deformation distribution along the cross section of the blank during piercing. T. F. Grushevaia, A. K. Samylin. Biul. TSIICHM no. 10, 38-41 '60
Tension beyond the elastic limit of a plate with a circular hole. P. M Vitvitskii, M. IA. Leonov. PMTF no. 1. 109-117 Ja-F '62.
Velocity fields under conditions of plasticity of general type. I. V. Shirko. Trudy MFTI no.7:71-84 '61.

DEFORMATIONS (MECHANICS)—MEASUREMENT
Universal device for measuring deformations in complex loading. M.G.Shtarkov. Trudy MFTI no.7:97-104 '61.

DEGRANOL
Evaluation of the immediate results of treating lymphogranulomatosis with dopan and degranol I. G Raevskii. Vop onk 8 no 4 3-11 '62.

DEHYDRASES
Inactivation of lactic dehydrase by free radicals formed from inhibitors of radical processes. L.S Vartanian, N.M.Emanuel'. Dokl. AN SSSR 143 no 5:1215-1218 Ap '62.
Localization of dehydrases of Krebs' cycle in Protozoa. IU. V. Natochin, L. N Seravin. Dokl. AN SSSR 143 no. 5. 1229-1232 Ap '62.

DEHYDRATION
Absorption method of dehydrating formaldehyde. G.S. Goncharov, A.N. Levin, G.A. Ryvkin. Plast. massy no. 4:50-52 '62.
Effect of ionizing radiation on the catalytic activity of aluminum oxide in the dehydration of dodecyl alcohol. I. Spitsyn, I. E. Mikhailenko, G. N. Pirogova. Dokl AN SSSR 143 no. 5, 1152-1155 Ap '62.

DEHYDRATION (CHEMISTRY)
Catalytic properties of iron phosphate Report No. 1: Dehydration of alcohols. A A. Balandin, A I. Kukina, N E Malenberg. Izv AN SSSR Otd khim. nauk no 4: 574-581 Ap '62.
Chemical methods of dehydration of hydrogen fluoride N. S. Nikolaev, IU. A. Buslaev, S. V. Vlasov. Zhur. neorg khim. 7 no 4, 945-946 Ap '62.
Two directions in the vapor phase catalytic dehydration of pinacol. L. Kh. Freidlin, V. Z. Shaf. Izv AN SSSR Otd. khim. nauk no 4:698-701 Ap '62.

DEHYDROGENASE
Dependence of the activity of some dehydrogenases of dysenteric bacteria on the concentration of methylene blue in experiments after Tunberg. IU. D. Moliuk. Mikrobiol. zhur. 23 no. 6 45-48 '61.
Some histochemical changes in the myocardium in compensatory hyperfunction of the heart [with summary in English]. F Z Meerson, N T. Rafkhin Arkh. pat. no 7:36-41 '61

DEHYDROGENATION
Adsorption and dehydrogenation of cyclohexane on platinum films at room temperature V M Grigznov, V I Shimulis, T V Dilingerova Vest Mosk un Ser 2. Khim 17 no. 2 26-28 Mr-Ap '62

DELAY LINES
Effect of the structural parameters on the characteristics of delay lines with distributed constants. V A. Solov'ev. Elektrosvia' 16 no 3 8-12 Mr '62.
Interaction of an electron flow having two speeds with the high-frequency field of a delay line I. K. Vikulov, A. S Tager. Radiotekh. i elektron. 7 no. 5, 826-837 My '62.
Method for measuring the phase velocity of slow waves. IA. L. Shamfarov. Radiotekh i elektron 7 no 5 812-815 My '62.
More about noise storage in devices with delayed feedback IU. S Lezin. Radiotekh i elektron. 7 no. 5 917-918 My '62
Simulation of the spectrum of the spatial harmonics of the high-frequency field of periodic structures. G. M. Gershtein, V. V. Lalov, V. A. Pavliuchuk. Radiotekh. i elektron 7 no. 5:816-825 My '62

DELHI BOIL
(see also subdivision under Chim, Kamashi District)
Use of aerosols in fighting carriers of cutaneous leishmaniasis. L. B. Kolbabaev and others. Zdrav. Turk. 6 no. 1:29-31 Ja-F '62.

DELIVERY OF GOODS (LAW)
Decisions of the State Arbitration Agency attached to the Council of Ministers of the U. S. S. R Sots. zakon. 39 no. 3:94-95 Mr '62.
We should improve the legal forms of industrial procurement. I. Tanchuk. Sov. tust. no. 6:4-6 Mr '62.

DELONE, BORIS NIKOLAEVICH
Fountain of youth. M. I Usov. Zdorov'e 8 no. 2:10 F '62.

DELPHELINE
Aconitic alkaloids. Part 19 Structure of elelin and delphelsine. A. D. Kuzovkov, T F. Platonova. Zhur ob. khim. 32 no. 4:1290-1293 Ap '62.

DEMENTIA PRAECOX see Schizophrenia

DEMOLITION, MILITARY
Our helper is an explosion. E. Lunev, I. Solov'ev. Starsh. -serzh no. 1:36-37 Ja '62.

DENATURED ALCOHOL see Alcohol, Denatured

DENMARK—HISTORY—STUDY AND TEACHING
History textbooks in the schools of Denmark. G. V. Klokova Prep. ist. v shkole 17 no. 3:115-117 My-Je '62.

DENTISTRY see subdivision under United States

DEPMAN, IVAN IAKOVLEVICH, 1885-
I. IA. Depman; on the occasion of his 75th birthday. IU. M. Gaiduk. Vop. ist. est i tekh. no. 12.249 '62.

DERAS-YUREGA VALLEY—METALS, RARE AND MINOR
Mineral associations and the vertical zonality of the Chapayev rare metal deposit. O. S. Grachenko, V. D Aksenova Trudy VSEGEI 60 73-80 '61

DEREHUS, MYKHAILO HORDIIOVYCH, 1904-
Inspired creative work. Inna Zolotovetskhova. Mystetstvo 8 no. 3:19-21 My-Je '61.

DERMATITIS see Skin—Diseases

DERMATOLOGY
(see also subdivision under Rumania)
Use of aminazin in dermatological practice [with summary in English]. IU S. Erdman. Vest. derm. i ven. no. 6:23-25 '61.
Vitamin A in dermatology and hypervitaminosis A. F. A. Zverʹkova. Vest. derm. i ven. no. 6:10-17 '61.

DERMATOMYCOSIS
Diagnosis of the culture in dermatomycoses at dermatovenereological dispensaries of R. S. F. S. R I. I Umnova. Vest. derm. i ven. no. 6 59-61 '61.
Effectiveness of disinfecting barbers' brushes in relation to the pathogens of dermatomycoses. A. E. Nusinov, T. S. Ivanova. Vest. derm. i ven. no. 6 62-65 '61.
Epidermophytosis among miners. V. V. Vinnichenko. Vest. derm. i ven. no. 6:70-72 '61.
Measures for the control of dermatomycosis in farm animals A A Poliakov, N A Spesivtseva Veterinariia 37 no 8 75-78 Ag '60
Role of familial infection in the epidemiology of foot mycoses in children. L. G. Lesun. Vest. derm. i ven. no. 6:33-37 '61.

DERMATOMYCOSIS—CLASSIFICATION
Classification of dermatomycoses and mycological terminology. L. I. Fandeev. Vest. derm. i ven. no 4, 23-27 '62

DERMATOSCLEROSIS see Scleroderma

DERMATOVENEREOLOGICAL SOCIETIES see subdivision under Moscow

DESERT WARFARE
Orientation in deserts and in the steppe. G. Priboichenko. Voen. vest. 41 no 4:29 Ap '62.

DESERTION AND NONSUPPORT
Which courts should examine the lawsuits concerning the cost of search for the persons who deserted their families M Matiushchenko. Rad pravo no 2 108 Mr-Ap '62.

DESIGN, INDUSTRIAL
The engineer and culture IA. Tavrov. Novyi mir 38 no. 1:160-161 Ja '62.
Valuable initiative. V. Kovshnikov. Agitator no. 10 56 My '62.

DESILTING BASINS
Intrasystem desilting basins. R. A. Alimukhamedov Vop gidr. no. 3:20-26 '61

DESMANS, FOSSIL see subdivision under Caucasus, Northern

DESOXYRIBONUCLEIC ACID see Nucleic acids

DESULFURATION
Sulfur vapor pressure in contact with iron - sulfur melts. V. T. Burtsev, R. A. Karasev, A. M. Samarin. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 2:42-48 Mr-Ap '62.

DETONATORS
Effect of current strength on the internal time drift from wear of electric short-delay detonators. M. M. Akhmetov and others. Trudy Inst. gor dela AN Kazakh. SSR 8:102-106 '61.

DEUTERIUM
Effect of solvents on the formation of anion radicals, carbanions, and on hydrogen exchange between hydrocarbons. A. I Shatenshtein, E. A. IAkovleva, E. S. Petrov Zhur. ob khim. 32 no 4 1350-1351 Ap '62

DEUTERIUM—THERMAL PROPERTIES
Thermophysical characteristics of ordinary and heavy water. Energomashinostroenie 8 no 4:46-48 Ap '62.

DEUTERIUM COMPOUNDS
Monodeuterocyclopentadiene. V. A. Mironov, E. V. Sobolev, A. N. Elizarova. Dokl. AN SSSR 143 no. 5: 1112-1115 Ap '62.

DEUTERIUM OXIDE—DENSITY
Experimental determination of the density of heavy water under high temperatures and pressure. S. L. Rivkin, T. S. Akhundov. Teploenergetika 9 no. 5:62-65 My '62.

DEUTERONS—SCATTERING
Behavior of a polarized deuteron beam in a magnetic field [with summary in English]. O D. Cheishvili, G. R Khutsishvili. Trudy Inst. fiz. AN Gruz. SSR 6:53-60 '58.
Elastic deuteron scattering [with summary in English]. IU. V. Gofman, O. F Nemets Zhur. eksp. i teor. fiz 42 no. 3:657-658 Mr '62.

DEUTERONS—SCATTERING (Continued)
Inelastic scattering of 13 6 Mev deuterons on nickel isotopes [with summary in English]. IU. V Gofman, O F Nemets, IU S Striuk Zhur. eksp. i teor. fiz. 42 no 3 653-656 Mr '62.
Polarization of deuterons in elastic scattering [with summary in English] O D. Cheishvili. Trudy Inst fiz AN Gruz SSR 6.97-139 '58

DEVETTSI, VASSO
Greek pianist. G Shneerson Sov muz. 26 no 4 109-110 Ap '62.

DEWEY, JOHN, 1858-1952
"John Dewey, master educator" [in English] by William Ballekman. Reviewed by M. Bernshtein Nar. obr. no. 4:97-101 Ap '62.

DEXTRAN
Comparative analysis of the leucocytic reaction to the effect of polyglucin in the clinic and in an experiment [with summary in English]. I. L. Gol'dman, Biul. eksp. biol. i med 53 no.4:35-38 Ap '62.
Comparative study of the action of polyglucin of various molecular weights on the course of acute radiation sickness Report No. 1. Effect of polyglucin infusions on some blood coagulation indices and hemopoietic processes. A. A. Bagdasarov and others Probl gemat. i perel krovi no.4:3-8 '62

DEZHNEV, SEMEN IVANOVICH, ca. 1605-1672 or 3
Find of S. I. Dezhnev's authentic documents about his historical trip in 1648 [with summary in English] B. P. Polevoi. Vest. LGU 17 no. 6:145-152 '62.

DIABETES
Antibiotic treatment of pancreatitis complicated by diabetes mellitus [with summary in English] A. P. Pliskevich. Klin. med. no. 2:23-26 '62
Curability of some forms of diabetes mellitus [with summary in English] M. N. Egorov, L. M. Levitskii. Klin. med. no. 8.10-25 '61.
Effect of glutamic acid on the amount of ammonia, glutamic acid, urea, sugar, lactic acid, and acetone bodies in the blood of pancreatectomized animals [with summary in English] N. B. Kozlov. Vop. med. khim. 8 no. 2:204-210 Mr-Ap '62.
Effect of repeated instillations of insulin into the conjunctival sac on the course of alloxan diabetes [with summary in English]. L. M. Sokoloverova and others. Biul. eksp. biol. i med. 53 no.4:64-66 Ap '62.
Is diabetes mellitus curable? E. G. Moskovich. Klin. med. no. 8.15-18 '61.
Prothrombin test as an indicator of liver function in diabetes mellitus. S. P Serebrianain. Trudy Semipal. med inst. 2:277-283 '59
X-ray changes in the stomach and duodenum in diabetes mellitus [with summary in English] E K. Kozlova Klin med no. 2:100-107 '62

DIAGNOSIS
Immortal pages P. E Zabludovskii. Zdorov'e 8 no. 2: 21-22 F '62.
Microscopic express methods for determining enzymatic activity and its diagnostic value. A. A. Pokrovskii Biul Ueh. med. sov 3 no. 2:8-12 Mr-Ap '62,
Some problems of the clinician and prosector in improving the quality of diagnoses. S. S. Vail'. Klin. med. no. 8:146-150 '61.
Teaching biochemical research methods in the laboratory of the Irkutsk Province Hospital. P. M. IAvelbaum. Zdrav. Ros. Feder. 6 no. 3:14-18 Mr '62.

f the stomach
mto Yan onk.

DIALECTICAL MATERIALISM
Afanas'ev, V. G. [Basic principles of philosophy; a popular textbook] Osnovy filosofskikh znanii; populiarnyi uchebnik 2., perer. i dop. izd. Moskva, Izd-vo sotsial'no-ekon lit-ry, 1962. 399 p.
Bazhenov, L. B. [Materialism as a banner of science] Materializm - znamia nauki. Moskva, Izd-vo "Znanie," 1961. 37 p. (Narodnyi universitet kul'tury. Obshchestvenno-politicheskii fakul'tet, no. 20)
Bazhenov, L. B. [Materialism as a banner of science] Materializm - znamia nauki. Moskva, Izd-vo "Znanie," 1962. 31 p. (Novoe v zhizni, nauke, tekhnike. Seriia 2: Filosofiia, no. 4)
[MICROFILM]
Gurvich, S. S. [The laws and categories of dialectics and their manifestation in medicine] Zakony i kategorii dialektiki i ikh proiavlenie v meditsine. Kiev, Gosmedizdat, 1962. 214 p.
"How V. I. Lenin struggled for militant materialism and revolutionary dialectic." Reviewed by V. V Emel'ianov, L. V. Rusinova, P. D. Shashkevich. Vop. filos. 16 no. 4: 164-169 '62.
Lenin's program of militant materialism in action, on the 40th anniversary of the publication of V. I. Lenin's work "The significance of militant materialism." Nauch. dokl. vys. shkoly, filos. nauki 5 no. 2:3-10 '62.
Platonov, G. V. [Dialectical materialism and some problems of genetics] Dialekticheskii materializm i voprosy genetiki. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 161 p.
Refutation of Marxism by Safai A. M Agakhi. Nar Azii i Afr no. 2 236-230 '62
An remarkable work of Lenin's genius. V Shynkaruk Komm Ukr. 37 no 4.22-31 Ap '62.
The 22d Congress of the CPSU and the objectives of scholarly research in the field of Marxist-Leninist philosophy. M. B. Mitin, Vop. filos. 16 no 4:120-144 '62.

DIALECTICAL MATERIALISM—STUDY AND TEACHING
Teachers of dialectical materialism should take into account the special objectives of their institutions of higher education, P. P. Dziuba. Vop. filos 16 no. 4: 122-126 '62.

DIAMAGNETISM
Calculation of the diamagnetic susceptibility of helium [with summary in English]. R. IA. Damburg, E. M. Iolin. Zhur. eksp. i teor fiz 42 no 3 820 Mr '62.

DIAMONDS see subdivision under Irkutsk Province, Yakutia

DIAPHRAGM—DISEASES
Acute gastric obstruction caused by complete relaxation of the left half of the diaphragm with transposition of the stomach, spleen and left lobe of the liver into the thoracic cavity. A. T Grebennikova, V R. Ermolaev. Khirurgiia 37 no 7.97-90 Jl '61
Two cases of secondary deformation of the liver in relaxation of the diaphragm. P. S Lifshits. Vest. rent. i rad. 37 no. 2 63-61 Mr-Ap '62.

DIAPHRAGM—HERNIA
Data on the surgical treatment of diaphragmatic hernias. E. T. Ekzerletis, V. V. Utkin. Grud. khir no. 2:55-60 '62.

DIAPHRAGM—SURGERY
Fate of the "window" in the diaphragm in operations by G. A. Reinberg's method and the mechanism of the action of the operation [with summary in English]. IU. F. Afanas'ev. Grud. khir. no. 2:29-31 '62.

DIAPHRAGMS (MECHANICAL DEVICES)
[illegible] on a hydraulic press with a metal
L. F. Rossiiskii, M. N. Polivanov.
:87-88 '57.
ir the stabilization of flexible dia-
G. N. Frolov. Av. prom. 26 no. 8:
iphragm with end tips and a rigid
eva, V. A. Lepetov. Vest. mash.
'62.

NT'EVNA
hik. M. B. Sukhodrov. Med. sestra
'62.

ophoresis with aloe extract and
atment of postoperative and post-
tions [with summary in English]
i zhur. no 2 87-93 '62.

AL see Electrosurgery

ision under Sevastopol, Bay of

DS
turated compounds by aromatic
Part 15: Synthesis of 2, 2, 2-trichloro-
nylidene chloride. A. V. Dombrovskii,
. ob. khim. 32 no. 4:1282-1284 Ap

-TRICHLOROETHANE see
)

DICKITE
Dickite. N. V. Logvinenko, V. A. Frank-Kamenetskii. Dokl. AN SSSR 143 no. 5.1186-1189 Ap '62.

DICYEMA see subdivision under Pacific Ocean

DIE CASTING
Die casting methods abroad. A. I. Shevchenko, E. I. TSyplakov. Mashinostroenie no. 2:117-122 Mr-Ap '62.
Pressure casting in small run production M. L. Zaslavskii, A. I Mamochkin. Lit proizv no 4 1-3 Ap '62.
Use of compressed air for opening press molds and dies N. V. Goncharenko, S. V Petukhov. Lit proizv no 4 44-15 Ap '62

DIE CASTING—EQUIPMENT AND SUPPLIES
Group blocks for die casting. IA. E. Onikoul. Av. prom. 26 no. 8:54-57 '57.
Standardization of die-casting molds. D. S. Soskin. Standartizatsiia 26 no. 4:18-23 Ap '62.

DIELECTRIC CONSTANTS
Dielectric permeability and refraction indices of quartz irradiated with fast neutrons. V. G. Zubov, A. P. Grishina. Kristallografiia 7 no. 2:238-241 Mr-Ap '62.

DIELECTRIC LOSS
Resonance dielectric losses in aluminum silicates V. A. Ioffe, I. S. IAnchevskaia. Fiz tver tela 4 no. 3.668-680 '62.

DIELECTRICS
Determination of the stationary front of a moving thermoelectric breakdown and analysis of the steady-state conditions. E. A. Mesrovich, L. I Andreevskaia. Elektroenergetika no. 5 74-80 '62
Dispersion of the dielectric constant in the critical region of binary liquid systems. K. V. Arkhangel'skii. Dokl AN SSSR 143 no. 6:1378-1379 Ap '62.

DIES (METALWORKING)
Berezkin, P. N. [Built-up welding of dies] Naplavka shtampov. Pod red. A. V. Kovalenko. Moskva, Mashgiz, 1961. 27 p. (Biblioteka mashinostroitelia. Seriia: Za ekonomiiu metallov i elektroenergii)
Koltun, S. I., and M. I. Borinskii. [Effecting savings of die steel] Ekonomiia shtampovoi stali. Pod red. A. V. Kovalenko. Moskva, Mashgiz, 1961. 43 p. (Biblioteka mashinostroitelia. Seriia "Za ekonomiiu metallov i elektroenergii)
Koltun, S. I., and V. B. Raitses. [Manufacture and use of dies for drop forging] Izgotovlenie i eksploatatsiia shtampov dlia goriachei shtampovki. Pod red. A. S. Kon'kova. Moskva, Mashgiz, 1961. 56 p. (Nauchno-populiarnaia bibliateka rabochego kuznetsa, no. 14)
New steels for drop-forging dies. P. G. Shishlakov. Standartizatsiia 26 no. 4:28-32 Ap '62.
Press shaping of parts in dies. D. A. Vainraub. Av. prom. 26 no. 8:37-41 '57.
Stamping automobile crosspiece forgings in sectional dies. IU. P. Volik, V. V. Boitsov, A. M. Savin. Avt. prom. 28 no 4:30-42 Ap '62.

DIESEL ENGINES
(see also subdivision under Bol'shoy Tokmak; Kolomna)
Actual requirements of free-piston diesel compressors for combined power units. A. G. Shokhtman. Izv. vys uchab. zav., mashinostr. no. 1:105-113 '62.
Apparatus for the demonstration of work principle, determination of defects and regulation of diesel tractor burners. L. D. Dorofeev, A. A. Matiovkina. Shkola i proizv 6 no. 4:74-80 Ap '62.
Air supply in turbine-piston engines for diesel locomotives P. S. Morgulis. Izv. vys. ucheb. zav.; mashinostr. no. 1. 48-56 '62
Diesel engines operating with natural gas. A. I. Sivokobyl'skii, V. M. Matveeva. Mashinostroenie no. 2:124-125 Mr-Ap '62.
Increasing the economic efficiency of the D50 engines. G. N. Zaslavskii, N. D. Verner. Mashinostroenie no. 2: 84-85 Mr-Ap '62,
Works of the Central Diesel-Engine Research Institute in the field of combined engine units. B. M. Gonchar, N. N. Ivanchenko. Izv. vys ucheb. zav.; mashinostr. no. 1:95-99 '62,

DIESEL ENGINES—NOISE
Evaluating the air parameters in a tubular damper. A. B. Kane. Energomashinostroenie 8 no. 4:37-40 Ap '62.

DIESEL ENGINES—TESTING
Investigating heat transfer from gas to the wall of a diesel-engine cylinder. G. B. Rozenblit. Vest. mash. 42 no. 2:22-26 F '62.
Results of experimental investigations of the performance of a four-stroke combined engine. N. K. Shokotov. Izv. vys. ucheb. zav.; mashinostr. no. 1:75-84 '62.

DIESEL FUELS
Prefiame transformations of hydrocarbons in a diesel engine with a critical compression ratio. M. K. Bychkova and others. Zhur. prikl. khim 35 no. 4 892-896 Ap '62.
Use of an emulsion in engines with ignition by compression. F. M. Agaeva. Izv. AN Azerb. SSR. Ser. fiz.-mat i tekh. nauk no. 6:57-66 '61.

DIESEL LOCOMOTIVES
(see also subdivision under Lugansk)
Action exerted by a narrow-gauge diesel locomotive on the track A. I. Smirnov, O. S. Skvortsov. Put' i put. khoz. 6 no. 5:47-48 '62.
Butylochkin, M. I. [The TU-2M diesel locomotive for a 750 mm gauge track; basic design and operation] Teplovoz TU-2M kolei 750 mm; ustroistvo i ekspluatatsiia Moskva, Goslesbumizdat, 1961 150 p.
Nonstationary heat transfer from gas to the wall of the operating cylinder of a diesel locomotive engine G. B Rozenblit. Vest. TSNII MPS 21 no. 2 7-11 '62.
Our diesel locomotives make long round trips. S. Temnikov. Agitator no. 10:30-33 My '62.
Present status and future development of marine and locomotive diesel engines M. M. Chusin Izv. vys. ucheb. zav., mashinostr no. 1, 26-42 '62.
Use of chromium plating for increasing the durability of friction members of a locomotive. T. V. Lavin, B. M. Astashkevich. Vest. mash. 42 no. 2, 37-40 F '62

DIET IN DISEASE
Fruits, vegetables, and berries in the nutrition of sick persons. P. G Gattsuk Med. sestra 21 no 4 31-34 Ap '62.
Nutrition in arteriosclerosis V P. Sokolovskii. Med. sestra 21 no 4 52-54 Ap '62.
Nutrition of patients following tonsillectomy. G. A. Smirnov, A. S Smol'nikova. Med. sestra 21 no 4 34-35 Ap '62
Physician prescribes a diet V. Ovchinnikov. Sov. profsoiuzy 18 no. 9, 33-34 My '62.

DIET KITCHENS
(see also subdivision under Pyatigorsk)
Free prophylactic diet. N Isaev. Okhr. truda i sots. strakh. 5 no. 4:37 Ap '62.

DIFENATSIN
Difenatsin as a raticide. A. A. Zotova. Veterinariia 38 no. 1:72-74 Ja '61.

DIFFERENCE EQUATIONS
Designing circular tiles on a resilient base using the method of finite differences. L. P. Gaponuev. Izv. vys. ucheb. zav., stroi. i arkhit. 5 no. 1 7-13 '62.

DIFFERENTIAL DIAGNOSIS see Diagnosis, Differential

DIFFERENTIAL EQUATIONS
Analysis of some equations of hypersonic flows, and a solution to Cauchy's problem. M. D. Ladyzhenskii Prik. mat. i mekh 26 no. 2:280-290 Mr-Ap '62.
Approximate method of solution of the Riemann-Hilbert problem in a multiply connected region. L. S Klabukova. Vych. mat. no. 7, 115-132 '61.
Asymptotic behavior of the solution to a boundary value problem for a system of first-order differential equations containing a small parameter with the derivative. V. A. Tupchiev. Dokl. AN SSSR 143 no. 6:1206-1209 Ap '62.
Asymptotic method for solving certain differential equations with oscillating coefficients. Iu. L. Daleteskii. Dokl. AN SSSR 143 no. 5:1026-1029 Ap '62.
Behavior at infinity of the solution to an evolutional equation with an unlimited operator in the presence of nonlinear perturbation. Iu. I. Domshlak. Izv. AN Azerb. SSR. Ser. fiz. -mat. i tekh. nauk no. 1, 3-14 '62.
Domidovich, B. P., I. A. Maron, and E. Z. Shuvalova. [Numerical methods of analysis; approximation of functions, differential equations] Chislennye metody analiza; priblizhenie funktsii, differentsial'nye uravneniia. Pod red. B. P. Demidovicha. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1962. 367 p.
Inverse problem for equations of the fourth order. L. A. Sakhnovich Mat. sbor. 56 no. 2, 137-146 F '62.
Lagrange's equations of the hydrodynamics of an incompressible viscous fluid A. S. Monin. Prik. mat. i mekh 26 no. 2:320-327 Mr-Ap '62.
Mixed boundary value problem for second-order elliptic differential equations having a small parameter. M. I. Freidlin. Dokl. AN SSSR 143 no. 6:1300-1303 Ap '62.
Nonlinear differential equation of the second order. L. A. Beklemisheva. Mat. sbor. 56 no. 2:207-236 F '62.
One boundary value problem with inverse translation in the class of generalized analytic functions. G. S. Litvinchuk Sib. mat. zhur 3 no. 2, 223-226 Mr-Ap '62.
One property of solutions of a differential equation. M. G. Khudai-Verenov. Mat. sbor. 56 no. 3:301-308 Mr '62.
Particular solutions to equations describing the hydrodynamics of a rarefied plasma for axially symmetric motions. V. P. Korobeinikov. PMTF no. 1:153 Ja-F '62.
Reducing the system of differential equations used in short-term weather forecasting to a system of algebraic equations. I. A. Kibel'. Dokl. AN SSSR 143 no. 6: 1336-1339 Ap '62.
Sokolov, S. N. [S-matrix for the one-dimensional Schrodinger equation and its asymptotic behavior in the quasi-classical region] S-matritsa dlia odnomernogo uravneniia Shredingera i ee asimptotika v kvaziklassicheskoi oblasti. Dubna, Ob'edinennyi in-t iadernykh issl., 1962. 16 p. [With summary in English]
Stability in the large of solutions to an enumeration system of differential equations in the case of continuous perturbations. S. I. Gorshin. Prik. mat. i mekh. 26 no. 2:212-217 Mr-Ap '62
Variational problems on the optimization of control processes for equations with discontinuous right parts V. A. Troitskii. Prik. mat. i mekh 26 no 2:233-246 Mr-Ap '62.

DIFFERENTIAL EQUATIONS, LINEAR
General form of solutions to linear differential equations with constant coefficients. V. P. Palamodov. Dokl. AN SSSR 143 no. 6:1270-1281 Ap '62
Method for integrating certain equations of automatic control systems. K K. Belia. Izv. AN SSSR Otd. tekh. nauk. Energ. i avtom. no. 2:167-171 Mr-Ap '62.
Some elliptic systems which degenerate at the boundary of a given region V. P. Didenko Dokl. AN SSSR 143 no. 6, 1250-1253 Ap '62

DIFFERENTIAL EQUATIONS, PARTIAL
Application of the principle of averaging to quasilinear parabolic systems of the second order S. D. Eidel'man Sib. mat. zhur. 3 no. 2:302-307 Mr-Ap '62.
Characteristics of fundamental solutions to partial differential equations with constant coefficients. V. A. Golubeva Izv. AN Azerb. SSR Ser. fiz. -mat. i tekh. nauk no. 1:15-28 '62.
Evaluation of the solution to a parabolic equation and some of its applications. R. Z. Khas'minskii. Dokl. AN SSSR 143 no. 6:1069-1063 Ap '62.
First period of the development of the theory of equations with partial derivatives of the first order. M. I. Symonov. Ist. -mat. zbir. 2 5-21 '61.
Skorobogat'ko, V. IA. [Study of the qualitative theory of partial differential equations] Issledovanie po kachestvennoi teorii differentsial'nykh uravnenii s chastnymi proizvodnymi. [L'vov] Izd-vo L'vovskogo univ., 1961. 124 p.
Some particular solutions to "short wave" equations B. I. Zaslavskii. PMTF no 1:34-38 Ja-F '62.
Theory of boundary value problems in regions with a degenerated contour for variational and partial differential equations. V. I. Kondrashov. Dokl. AN SSSR 143 no 6: 1266-1271 Ap '62.
Zagorskii, T. IA. [Mixed problems for systems of differential equations with partial derivatives of the parabolic type] Smeshannye zadachi dlia sistem differentsial'nykh uravnenii s chastnymi proizvodnymi parabolicheskogo tipa. L'vov, Izd-vo L'vovskogo univ., 1961. 112 p.

DIFFERENTIAL GEOMETRY see Geometry, Differential

DIFFUSION
Changes in the diffusion coefficient of a heterogeneous system induced by ultrasound. M. E. Arkhangel'skii Akust. zhur. 8 no. 1:49-55 '62.
Coefficient of iron diffusion in molten slag. V. A. Grigorovich, Han Ch'ih-yung, P. Mikhalik. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 2:36-41 Mr-Ap '62.
Determination of the diffusion characteristics of components in solution (with the aid of wires) based on extrapolation to zero diameter. V. A. Grigorian, Khan' Chi-hun, A. A. Zhukhovitskii Zav. lab. 28 no. 3:296-298 '62
Diffusion and mechanical properties of solids. B. IA. Pines. Usp. fiz. nauk 76 no. 3:539-550 Mr '62.
Diffusion of phosphorus in silicon. B. I. Boltaks, N. N. Matveeva. Fiz. tver. tela 4 no. 3:609-614 '62
Diffusion of selenium and mercury in liquid tellurium. Sh. Movlanov, A. A. Kuliev. Izv. AN Azerb. SSR, Ser. fiz. -mat. i tekh. nauk no. 6:49-55 '61.
Effect of the rate of heating on the self-diffusion in iron. N. A. Bogdanov. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 2:98-103 Mr-Ap '62.
Effect of viscous transfer of momentum on diffusion in a gaseous mixture [with summary in English] V. Zhdanov, IU. Kagan, A. Sazykin Zhur. eksp. i teor. fiz. 42 no. 3: 857-867 Mr '62.
Method of measurement of diffusion coefficients in silicate melts; survey. V. I. Malkin, B. M. Mogutnov. Zav. lab 28 no. 3:291-296 '62
Self-diffusion coefficients of aqueous potassium metaniobate and products of its interaction with oxalic acid. IU. Ziulkovskii, L. G. Vlasov, A. V. Lapitskii. Vest. Mosk. un. Ser. 2: Khim 17 no. 2:42-46 Mr-Ap '62.
Self-diffusion in chromium. L. I. Ivanov and others. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 2:104-106 Mr-Ap '62.
Tantalum diffusion in monocrystalline germanium. V. I. Tagirov, A. A. Kuliev. Izv. AN Azerb. SSR. Ser. fiz. -mat. i tekh. nauk no. 1:65-68 '62.
Use of the tagged atoms method in studying changes in the diffusion coefficient for potassium in potassium iodide crystals containing impurities in the form of heavy elements [with summary in English]. V. V. Mumladze. Trudy Inst. fiz. AN Gruz. SSR 6:169-172 '58.
Using chemical polishing in the study of diffusion in solids. A. IA. Shinkaev. Zav. lab 28 no. 3:299-300 '62.

DIFFUSION COATINGS
Volumetric changes in steel specimens following high temperature chromizing and the relation of these changes to the type of reaction taking place. N. G. Kliuchnikov. Uch. zap. MGPI no. 146, 234-246 '60.

DIGESTION
Letter to the editor on V. L. Markulov's article, "Materials on I. P. Pavlov's attitude towards the use of mathematical methods in studying problems in digestion and higher nervous activity." V. Fedorov. Zhur. nevr. i psikh. 62 no. 1:158 '62.

DIGESTIVE ENZYMES
Change in the activity of isolanide under the influence of gastric and intestinal juices. N. I. Krivtsova. Farm. i toks. 25 no. 1 67-68 Ja-F '62.
Secretory function of the pancreas and intestine in folic acid deficiency caused by the administration of aminopterin [with summary in English]. S. IA. Mikhlin, M. F. Nesterin. Pat. fiziol. i eksp. terap 5 no. 6:26-30 N-D '61.

DIGESTIVE ORGANS—DISEASES
Dynamics of weight in gastrointestinal diseases in infants. O. I. Snihur. Ped., akush i gin. 23 no 3:35-36 '61
Etiology of chronic abdominal pains in children. I. H. Sytnyts'ka Ped., akush i gin 23 no. 3, 11-14 '61

DIGESTIVE ORGANS—INNERVATION
Some cytochemical regularities in the differentiation of neurons in the human digestive tract [with summary in English] L. I Korochkin. Arkh. anat gist. i embr 40 no. 5 53-57 My '61

DIGITALIS
Change in the activity of isolanide under the influence of gastric and intestinal juices. N. I. Krivtsova. Farm. i toks. 25 no. 1 67-68 Ja-F '62.
Problems in the method of digitalis therapy. B. E Votchal. Klin. med. no. 8, 6-14 '61.

DILL
Essential dill oil. G. Krinichnyi. Obshchest. pit. no. 3 25 Mr '62.
Processing of dill. G. G. Krinichnyi. Masl. -zhir. prom. 28 no. 3, 40-41 Mr '62.

DILLON, IAKOV GRIGOR'EVICH, d. 1951
In memory of IAkov Grigor'evich Dillon; on the 10th anniversary of his death V. Petrov and others Vest. rent i rad 37 no 2:82-83 Mr-Ap '62.

DIMEDROL
Ambulatory dimedrol therapy for patients with pruritic dermatoses. Kh. G. Kasumbeili. Vest. derm. i ven. no. 6:68-70 '61.

DIMENSIONAL ANALYSIS
Kirko, I. M. [Study of electromagnetic properties in metals by dimensional and similitude methods] Issledovanie elektromagnitnykh iavlenii v metallakh metodom razmernosti i podobiia. Riga, Izd-vo Akad. nauk Latviiskoi SSR, 1959. 184 p. (RPB)
Similarity parameters at great hypersonic speeds IU. L. Zhilin Prik. mat. i mekh 26 no 2:387-388 Mr-Ap '62.

DIMORPHISM (ANIMALS)
Sexual dimorphism of the clavicles. S. T. Dzhigora. Sud. -med. ekspert. 5 no. 1:16-19 Ja-Mr '62.

DIODES
Bulavin, N. P. [Selenium rectifiers] Selenovye vypriamiteli. Moskva, Gos. energ. izd-vo, 1961. 48 p. (Biblioteka elektromontera, no. 42) [MICROFILM]
Letter to the editor I. P. Stepanenko. Izv. vys. ucheb zav., radiotekh. 4 no 6:734 N-D '61

DIOXANATE
New organocadmium compounds of the Ar_2Cd class, and their dioxanates. N. I. Sheverdina and others. Dokl. AN SSSR 143 no. 5:1123-1126 Ap '62.

DIPHENYLAMINE
Interaction of ketene with nitrogen-containing bases. Part 10. Chloroacetylation of diphenylamine in solvents. IU. V. Svetkin, A. N. Minlibaeva. Zhur. ob. khim. 32 no. 4:1034-1037 Ap '62.

DIPHTHERIA
Diphtheria. V. P. Braginskaia. Zdorov'e 8 no. 2:18-20 F '62.
"Diphtheria [in Ukrainian]" by K. D Piatkin. Reviewed by IU. E. Kocherovskii. Zhur. mikrobiol., epid. i immun. 33 no. 3 138 Mr '62.
Effect of repeated administration of aminazine on the activity of the higher sections of the central nervous system of white rats in diphtherial intoxication. S. M. Makokina. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. no. 9:134-143 '61.

DIPLOMATIC AND CONSULAR SERVICE
Vilkov, G. E., and I. P. Blishchenko, compa. [A collection of Soviet agreements with foreign states on consular service] Soglasheniia Sovetskogo Soiuza s inostrannymi gosudarstvami i po konsul'skim voprosam; sbornik. Moskva, Izd-vo In-ta mezhdunarodnykh otnoshenii, 1962. 231 p.

DIPOLE MOMENTS
Method for calculating internal electric field gradients in complex dipole structures. V. N. Liubimov, IU. N. Venevtsev, G. S. Zhdanov. Kristallografiia 7 no. 2:229-233 Mr-Ap '62.

DIPTERA
(see also subdivision under Kura Valley)
Morphology of the preimaginal phases of Leptoconops bezzii muganicus Dzhaf. of blood sucking sand flies [with summary in English] Sh. M. Dzhafarov. Zool. zhur. 41 no. 2 241-246 F '62

Preimaginal stages of Leptoconops (Holoconops) borealis Glutz and systematical position of the group Leptoconops (Diptera Nematocera) [with summary in English] N. P. Krivosheina. Zool. zhur. 41 no. 2:217-251 F '62

DIRECT CURRENT MACHINERY see Electric motors, *Direct current*

DISABILITY EVALUATION
(see also subdivision under Krasnodar Territory, Moscow Province; Pomozdino District, Pskov Province; Tatar A. S. S. R.)
Correct disability evaluation is a guarantee for reducing temporary inability to work. U. Parfent'ev. Okhr. truda i sots. strakh. 5 no. 4 13-14 Ap '62.

Interdistrict specialized . . V. Khrychev. Sots. obesp. 23 no. 5,26-28 My '62

Late results and work capacity following operations for echinococcosis. N. S. Ezdakova. Zdrav. Kazakh. 22 no. 2:14-18 '62.

Work prognosis in rheumatic defects of the heart. L. I. Fogel'son. Kardiologiia. 2 no. 2 59-64 Mr-Ap '62.

DISABILITY EVALUATION—STUDY AND TEACHING
Teaching of disability evaluation in medical institutes. E. M. Barkman, V. P. Kofanov. Zdrav. Ros. Feder. 6 no. 4 11-15 Ap '62.

DISABLED see Handicapped

DISARMAMENT
Disarmament is the path toward a lasting peace. A. Gritsenov. Komm. Bel. 36 no. 4:58-62 Ap '62.

Exchange of messages between N. S. Khrushchev, Lopez Mateos, and Haile Selassie. Mezhdunar. zhizn' 9 no. 5:3-9 My '62

Geneva, hopes and prospects. Mezhdunar. zhizn' 9 no. 5:10-14 My '62.

Laboring class and disarmament. Renato Bitossi. Nov. vrem. 20 no. 23:3 Je '62.

The most important problem. V. Granov. Agitator no. 10:12-14 My '62.

What has happened in Geneva. Nov. vrem. 20 no. 19:4-5 My '62.

DISARMAMENT—CONGRESSES
Way to peace. Nov. vrem. 20 no. 23:1-2 Je '62.

DISCIPLINE, MILITARY see Military discipline

DISCRIMINATION, RACIAL see Race discrimination

DISEASE (PATHOLOGY) see Pathology

DISEASE GERMS see Bacteria, Pathogenic

DISEASES—REPORTING
Incorrect understanding of the selection method in studies on disease incidence. A. M. Merkov, V. K. Ovcharov. Gig. i san. 26 no. 6:88-93 Ag '61

Validity of selection in the processing of data on disease incidence. P. P. Grabovskii. Gig. i san. 26 no. 8. 93-96 Ag '61.

DISINFECTION AND DISINFECTANTS
Bactericidal action of some disinfectant preparations on Mycobacteria tuberculosis [with summary in French]. T. N. IAshchenko. Probl. tub. no. 3:100-104 '62.

DISLOCATIONS IN CRYSTALS
Changes in the density of dislocations, rapidity of contact melting, and rate of liquefaction of crystals as related to

DISPERSE SYSTEMS
Immobilization of a dispersion medium under the influence of structure-forming additions. M. P. Volarovich, I. I. Lishtvan, N. V. Churaev. Dokl. AN SSSR. 143 no. 5 1135-1138 Ap '62.

DISPERSION
Investigating the dispersing of solids under the action of ultrasonic waves. P. E. Dinchenko, V. G. Averianova. Tren. i izn. mash. no. 15,85-96 '62.

DISPERSOIDS see Colloids

DISPUTES, LABOR see Labor disputes

DISSERTATIONS, ACADEMIC
(see also subdivision under Ukraine)
Moscow. Publichnaia biblioteka. [Catalog of candidates' and doctoral dissertations received by the V. I. Lenin Library and the Central Scientific and Medical State Library in the second quarter of 1961] Katalog kandidatskikh i doktorskikh dissertatsii, postupivshikh v Biblioteku imeni V. I. Lenina i Gosudarstvennuiu tsentral'nuiu nauchnuiu meditsinskuiu biblioteku vo 2-m kvartale 1961 goda. Moskva, 1961 260 p.

Moscow. Publichnaia biblioteka. [Catalog of candidates' and doctoral dissertations received by the V. I. Lenin Library and the Central Scientific and Medical State Library in the third quarter of 1961] Katalog kandidatskikh i doktorskikh dissertatsii, postupivshikh v Biblioteku imeni V. I. Lenina i Gosudarstvennuiu tsentral'nuiu nauchnuiu meditsinskuiu biblioteku v 3-m kvartale 1961 goda. Moskva, 1962 265 p.

DISSOCIATION
Spectrophotometric determination of the dissociation constants of aliphatic nitro compounds. S. S. Novikov and others. Izv. AN SSSR. Otd. khim. nauk no. 4:598-605 Ap '62.

DISTANCE GEOMETRY
One special mapping of a cone into a manifold with bounded curvature. IU. G. Reshetniak. Sib. mat. zhur. 3 no. 2,256-272 Mr-Ap '62

DISTILLATION, FRACTIONAL
Equilibrium liquid - vapor of diluted solutions. IA. D. Zel'venskii, V. A. Shalygin, A. A. Titov. Khim. i tekh. topl. i masel. 7 no. 4:5-11 Ap '62.

Methods for calculating data for plotting diagrams number of stage - concentration. I. N. Bushmakin. Zhur. prikl. khim. 35 no. 4 855-860 Ap '62

DISTILLATION APPARATUS
Kinetics of mass transfer in wetted-wall rectification columns. P. G. Bolarchuk, A. N. Planovskii. Khim. prom. no. 3:195-200 Mr '62.

Motive force of mass exchange during the distillation process in cross flow conditions. L. M. Sedivanov, D. D. Zykov. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 2:168-173 Mr-Ap '62.

Quality pickup used in automatic control of rectification processes. L. A. Kolomytsev. Priborostroenie no. 4, 12-15 Ap '62.

Studying the efficiency of retorts of various types for the distillation of silicon halogenides. V. N. Chernaev, L. A. Nisel'son. Izv. vys. ucheb. zav.; tsvet. met. 3 no. 2:135-142 '60.

DISTILLED WATER see Water, Distilled

DISTILLING INDUSTRIES—BY-PRODUCTS
Feeding value of distillers' waste enriched with ammonium lactate [with summaries in English, German, and French]. I. K. Slesarev, IU. S. Shkunkova. Vest. sel'skoz. nauki 7 no. 2:81-88 F '62.

'IS
'division under Kamchatka)
'thorchosis with thymol. E. M. Drabkina.
ed inst 2 325-330 '59

ABILITY THEORY)
hods of an approximate solution of
ion V. S. Vladimirov. Vych. mat.

ATION
n under Cheboksary; Lyov)
r? M. Vergeles, M. Kachalova.
3 no. 4:46-48 Ap '62.

Miracles

of the degree of special training
divers. V. P. Ponomarev. Teor. i
no. 4:44-49 Ap '62.

sion of the blue continent] Shturm
. Moskva, Gos. izd-vo "Fizkul'tura
p.

—BIBLIOGRAPHY see Bibliography
marine

, RURAL
e. L. A. Popova, Zdorov'e 8 no. 3

DIVORCE
Who is hurt most of all. A. Vaksberg. Sem'ia i shkola 17 no. 4 34-35 '62

DMITROV DISTRICT—CORN (MAIZE)
Sapunov, P. E. [Sixty-two centners of corn per hectare] 62 tsentnera zerna kukuruzy s gektara. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1962 77 p.
(DA)

DMITROVSK-ORLOVSKIY DISTRICT—CORN (MAIZE)
Petr Sapunov, machine operator and plant breeder. G. Smirnov. Prof.-tekh. obr. 19 no. 3 7-9 Mr '62.

DNEPRODZERZHINSK—AIR—POLLUTION
Eye injuries on the streets of urban areas with varying degrees of air pollution. I. D. Nikolaichik. Gig. i san. 26 no. 8 68-69 Ag '61.

DNEPRODZERZHINSK—BAPTISTS
The warm hearts of friends. M. Kokorina. Voiov. ateist no. 4:32-33 Ap '62.

DNEPRODZERZHINSK—UKRAINIAN NEWSPAPERS
A "club of atheists" in the newspaper "Dzerzhynets'". Voiov. ateist no. 4:39-40 Ap '62

DNEPRODZERZHINSK HYDROELECTRIC POWER STATION
Assembling prefabricated reinforced concrete elements at the construction of the Dneprodzerzhinsk Hydroelectric Power Station. G. A. Polonskii. Gidr. stroi. 32 no. 4:21-25 Ap '62.

DNEPRODZERZHINSK HYDROELECTRIC POWER STATION—EARTHWORK
Mechanization of earth and rock removal work at the Dneprodzerzhinsk Hydroelectric Power Station. B. I. Babich, A. I. Svintsov. Gidr. stroi. 32 no. 4:14-20 Ap '62

DNEPROPETROVSK—ANTIRELIGIOUS MUSEUMS
With the paintbrush of an artist. H. Kokusheva. Voiov ateist no. 4:41 Ap '62

DNEPROPETROVSK—ATHEISM
Our schools successfully struggle against religion. O. Mysnyk. Voiov. ateist no. 4:35-36 Ap '62

DNEPROPETROVSK—AUXILIARY POLICE
How our public struggles against criminal offenses. G. Izotov. Rad. pravo no. 2:42-46 Mr-Ap '62.

DNEPROPETROVSK—RUSSIAN SOCIAL DEMOCRATIC PARTY
"V. I. Lenin and the Bolshevik organization in Ekaterinoslav" by P. Varhatiuk. Reviewed by P. Shmorhun. Komm. Ukr. 37 no. 4.06-88 Ap '62.

DNEPROPETROVSK—SHIPS—MAINTENANCE AND REPAIR
Sidorenko, A. K. [Compressed wood substitutes for metal and plastics; from the experience of the Dnepropetrovsk Maintenance and Service Base for the Merchant Marine] Pressovannaia drevesina vmesto metallov i plastmass, iz opyta Dnepropetrovskoi remontno-eksplualatsionnoi bazy flota. Dnepropetrovsk, Sovet narodnogo khoz. Dnepropetrovskogo ekon. administrativnogo raiona, 1961. 31 p.

DNEPROPETROVSK—TEACHERS, TRAINING OF
University of progressive pedagogical experience. S. A. Danylov, P. A. Kovura. Rad. shk. 40 no. 4:71 Ap '62

DNEPROPETROVSK PROVINCE—ATHEISM
Good propagandists will ensure the success of our work. A. Stetsenko. Voiov. ateist no. 4:19-23 Ap '62.
Our common effort. I. Khropko. Voiov. ateist no. 4, 24-26 Ap '62.

DNEPROPETROVSK PROVINCE—COWS—DISEASES AND PESTS
Diagnosis of vibriosis in cattle. E. I. Drapaliuk. Veterinariia 37 no. 12 28-29 D '60.

DNEPROPETROVSK PROVINCE—PUBLIC HEALTH ADMINISTRATION
"They shower us with orders." Sov. deput. trud. no. 4 62 Ap '62.

DNEPROPETROVSK PROVINCE—SECTS
Just sentences. IA. Mamontov. Voiov. ateist no. 4:43-44 Ap '62.

DNEPROPETROVSK PROVINCE—SWINE BREEDING
Cheap meat. D. Fadin. Obshchest. pit. no. 3 31-32 Mr '62.

DNIEPER-DONETS LOWLAND—GAS, NATURAL—GEOLOGY
Some characteristics of gas and oil accumulation in the Dnieper-Donets Lowland. E. E. London. Geol. nefti i gaza 6 no. 3,24-28 Mr '62.

DNIEPER-DONETS LOWLAND—GEOLOGY, STRATIGRAPHIC
Conference of the Organizations of the Main Geological-Prospecting Administration of the Ukrainian S. S. R. on the Stratigraphy of Upper Permian and Triassic Sediments of the Dnieper-Donets Lowland and Donets Basin. V. S. Popov, L. IA. Saidakovskyi. Geol. zhur. 22 no. 3: 114-115 '62.

DNIEPER-DONETS LOWLAND—PETROLEUM GEOLOGY
Some characteristics of gas and oil accumulation in the Dnieper-Donets Lowland. E. E. London Geol. nefti i gaza 6 no. 3:24-28 Mr '62

DNIEPER RIVER—HYDROLOGY
[Hydrological yearbook] Gidrologicheskii ezhegodnik. Leningrad Gidrometeor. Izd-vo.
1958. Vol. 2. [Basins of the Black and Azov Seas (excluding the Caucasus)] Basseiny Chernogo i Azovskogo morei (bez Kazkaza)
No. 4, 5. [Dnieper River basin below the Pripet River] Basseln r. Dnepr nizhe r. Pripiat'. Pod red. N. P. Gorbatsevich i Z. I. Kirpatovskoi. 1961. 283 p.

DNIEPER VALLEY—ARCHAEOLOGY
Terenozhkin, A. I. [The pre-Scythian period on the right bank of the Dnieper River] Predskifskii period na dneprovskom Pravoberezh'e. Kiev, Izd-vo Akad. nauk USSR, 1961. 245 p.

DNIEPER VALLEY—ELECTRIC POWER PLANTS—DESIGN AND CONSTRUCTION
Practices in the assembly of head boiler-turbine units at the Dnieper State Regional Electric Power Plant P. I. Dremliuga. Energ. stroi. no. 25 12-18 '61.

DNIEPER VALLEY—GERMANIUM
Germanium in the rocks of the Ukrainian Crystalline Shield. B. F. Mitskevych, K. I. Lazebnyk. Geol. zhur. 22 no. 2:105-109 '62.

DNIEPER VALLEY—PETROLOGY
Geological importance of regional rejuvenation processes of ancient formations in the southwestern part of the Ukrainian Crystalline Shield [with summary in English]. I. V. Komlev and others. Geokhimiia no. 3:195-206 '62.

DNIEPER VALLEY—TERRACES (GEOLOGY)
Significance of the relative altitude of terrace levels of the left bank of the middle Dnieper for the determination of amplitudes of recent tectonic movements. M. B. Volkov. Geol. zhur. 22 no. 2:98-103 '62

DNIESTER VALLEY—CAVE FAUNA
Preliminary data on cave fauna in the Dniester Valley. S. I. Levushkin. Inform. sbor. Mezhd. kom. po izuch. geol. geogr. kar. no. 1:178-184 '60.

DNIESTER VALLEY—FARM BUILDINGS
Tolmachev, I. N. [Construction on collective farms in the Dniester Valley] Stroitel'stvo v kolkhozakh Pridnestrov'ia. Kishinev, Gos. izd-vo "Kartia moldovenjaske," 1960. 60 p.
(DA)

DNIESTER VALLEY—VOLCANIC ASH, TUFF, ETC.
New find of a tuff in the southwestern margin of the Russian Platform. D. V. Hurzhii. Geol. zhur. 22 no. 2: 85-87 '62.

DOBROLIUBOV, NIKOLAI ALEKSANDROVICH, 1836-1861
Zel'dovich, M. G., and M. V. Chernyakov. N. A. Dobroliubov, seminarii. [Khar'kov Izd-vo Khar'kovskogo gos. univ., im. A. M. Gor'kogo, 1961] 403 p.

DOBROVOL'SKII, IVAN STEPANOVICH, 1893-1962
Ivan Stepanovich Dobrovol'skii Ogneupory 27 no. 4 196 '62.

DOCK HANDS see Longshoremen

DOCKS—EQUIPMENT AND SUPPLIES
More and better dockyard facilities G. Finkel'. Mor. flot 22 no. 4:20-26 Ap '62.

DOCTORS see Physicians

DOCUMENTARY FILM see Motion pictures, Documentary

DODECYL ALCOHOL
Effect of ionizing radiation on the catalytic activity of aluminum oxide in the dehydration of dodecyl alcohol. I. Spitsyn, I. E. Mikhailenko, G. N. Pirogova. Dokl. AN SSSR 143 no. 5:1152-1155 Ap '62.

DOKSHUKINO—VEGETABLES, CANNED
Manufacture of canned "Squash caviar" in vacuum apparatus. A. T. Gelfukh. Kons. i ov. prom. 17 no. 4:37 Ap '62.

DOLPHINS
Secret of the rapidity of motion of dolphins. S. Mikhailov. Rech. transp. 21 no. 4:44 Ap '62.

DOMBROVSKII, BRONISLAV ALEKSANDROVICH, 1895-
On the 70th birthday of Bronislav Aleksandrovich Dombrovskii, professor and active member of the Academy of Sciences of the Kazakh S. S. R. A. F. Mukalmenko. Trudy AZVI 9:3-11 '60.

DOMES
Design of ribbed thin-walled domes. V. G. Chudnovskii, I. M. Rymar. Rasch. prostr. konstr. no. 7:5-37 '62.

DOMESTIC ANIMALS—PHOTOGRAPHIC MEASUREMENTS
Photometric method of measuring animals. N. S. Stogov. Veterinariia 37 no. 10:55-57 O '60.

DOMESTIC EDUCATION
Sex education E. Shershneva. Sem'ia i shkola 17 no. 4 23-24 Ap '62.

DOMESTIC RELATIONS see subdivision under Azerbaijan, Uzbekistan

DON VALLEY—ALDER
Exploitable age of black alder in the middle Don Basin and its tributaries. R. G. Sinel'shchikov. Izv. vys. ucheb. zav., les. zhur. 4 no. 6:31-34 '61.

DON VALLEY—PROSPECTING
Voluntary work of the divisions of the Volga-Don Territorial Trade Union Committee. I. K. Repin. Razved i okh. nedr 28 no. 3:51-53 Mr '62.

DONATUS, AELIUS
"Grammar in pictures." V. S. Liublinskii. Kniga, issl i mat 5,194-212 '61

DONETS BASIN—COAL—ANALYSIS
Study of the composition of coals of various brands by the strike of the K_8 coal seam of the Donets Basin A. I. Kamneva, Chen' Chzhen-khua. Zhur. prikl. khim. 35 no. 3 621-627 Mr '62

DONETS BASIN—COAL GEOLOGY
Method of determining the thickness of a coal seam by gamma-gamma logging. IU. I. Beloiserkovets. Geofiz. razved. no. 6:111-117 '61.

DONETS BASIN—COAL MINERS—DISEASES AND HYGIENE
Tajik doctors visit the Donets Basin and Krivoy Rog. B. L. Zhukov. Zdrav. Tadzh. 9 no. 1 59 Ja-F '62

DONETS BASIN—COAL MINES AND MINING
Some problems in the organization of mine construction P. IA. Taranov Izv. vys. ucheb. zav., gor. zhur no. 3 35-44 '61.

DONETS BASIN—ECONOMIC CONDITIONS
The enormity of life, a diary from the Donets Basin (conclusion). Aleksandr Mikhalevich. Oktiabr' 39 no. 2, 141-155 F '62.

DONETS BASIN—ELECTRIC POWER DISTRIBUTION
Measurement of maximum internal overvoltage levels in 6 35 kv. and 110 kv networks of the Donets Basin Electric Power System K. D. Vol'pov. Izv. vys. ucheb. zav., energ. 5 no. 3 1-4 Mr '62

DONETS BASIN—GEOLOGY, STRATIGRAPHIC
Conference of the Organizations of the Main Geological-Prospecting Administration of the Ukrainian S. S. R. on the Stratigraphy of Upper Permian and Triassic Sediments of the Dnieper-Donets Lowland and Donets Basin. V. S. Popov, I. IA. Saidakova'kyi Geol. zhur. 22 no. 2: 114-115 '62

DONETS BASIN—INDUSTRIES
The enormity of life, a diary from the Donets Basin (to be continued). Aleksandr Mikhalevich. Oktiabr' 39 no. 1:149-172 Ja '62.

DONETS BASIN—MERCURY
Distribution of mercury in the fossil coal of the Tsentral'nyy and Donets-Makeyevka regions of the Donets Basin. M. A. Kalasnyk and others. Geol. zhur. 22 no. 2: 53-61 '62.

DONETS BASIN—MERCURY MINES AND MINING
Some results of studying surface movements in underground mining of the Nikitovka mercury deposit. I. G. Lisitsa. Izv. vys. ucheb. zav., gor. zhur 5 no. 1 53-60 '62.

DONETS BASIN—MINE VENTILATION
Cooling the air in walls of mines deeper than 1200 m V. IA. Zhuravlenko, V. A. Shelimanov Trudy Sem. po gor. teplotekh no. 3:83-90 '61.
Effect of the parameters of overburden removal ment, and the systems of mining on the heat c in deep mines. E. I. Baratov. Trudy Sem. po teplotekh. no. 3 33-39 '61
Experimental studies of sources of heat generat some mines of the Donets Basin. V. A. Bogoia Trudy Sem. po gor. teplotekh. no. 3 57-64 '61

DONETS BASIN—SHAFT SINKING
Svetlov, V. N. [Donets Basin coal miners; practi of innovators in shaft sinking] Prokhodchiki D opyt novatorov prokhozhdeniia gornykh vyrabot Moskva, Ugletekhizdat, 1960. 52 p.

DONETS BASIN—TECHNICAL EDUCATION
The enormity of life; a diary from the Donets B (to be continued). Aleksandr Mikhalevich. C 39 no. 1:140-172 Ja '62.

DONETS BASIN—WATER—POLLUTION
Pollution of acid waters by heavy metals in the mines of the Donets Basin. I. T. Klimov, N. G. Gig. i san. 26 no. 5:97-98 My '61.

DONETS BASIN—WATER, UNDERGROUND
New data on underground waters in the eastern Konsko-Yalynskyn trough. V. A. Vynohradov, Kobeliev. Geol. zhur. 22 no. 2:94-97 '62.

DONETS BASIN—WORLD WAR, 1939-1945—PERSONAL NARRATIVES
Strel'bitskii, I. S. [The storm] Shturm. Moskva, Voen. izd-vo M-va oborony SSSR, 1962. 209 p. (Voennye memuary)

DONETSK BASIN—EYE—WOUNDS AND INJURIES
Conference of the Ukrainian Republic Committee for Problems Pertaining to Blindness and Glaucoma on measures for the control of eye diseases and injuries in a Coal basin. P. G. Krasnikov. Gig. truda i prof. zab 4 no. 4:57-58 Ap '60.

DONETSK PROVINCE—AUDITING
When the ruble is spent carelessly. S. Lokshin Fin. SSSR 23 no. 4 49-50 Ap '62.

DONETSK PROVINCE—EDUCATION, ELEMENTARY
Organizing educational work in after school groups B. S. Kobzar Rad. shk 10 no. 4 33-38 Ap '62

DONETSK PROVINCE—INDUSTRIAL PROCUREMENT
When the ruble is spent carelessly. S. Lokshin. Fin. SSSR 23 no. 4 49-50 Ap '62.

DOORS
Assembly line for the manufacture of solid doors Kh. Aronov Stroi i arkhit. Mosk 10 no. 11:33-35 N '61
Rectilinearity and planeness of door panels. V. A. Vinogradov Der. prom 11 no. 4 12 Ap '62

DOPAN
Evaluation of the immediate results of treating lymphogranulomatosis with dopan and degranol I. G. Raevskii Vop. onk 8 no. 4 3-11 '62.

DOPPLER EFFECT
Doppler widening of the gamma line in gases. A. F. Akkerman, E. IA. Vil'kovitskii, D. K. Kaipov Trudy Inst. fiz. AN Kazakh. SSR 5:128-134 '62

DORMICE, FOSSIL see subdivision under Kopet-Dag

DORMITORIES see subdivision under Krivoy Rog

DOROGOICHENKO, ALEKSEI IAKOVLEVICH, 1894-
"Alekseĭ Dorogoichenko" by L. Vasil'ev. Reviewed by M. Shatalin. Oktiabr' 39 no. 4:222 Ap '62.

DOSTOEVSKII, FEDOR MIKHAILOVICH, 1821-1881
The grandson of Dostoevskii. S. Belov, T. Kaletskaia. Neva no. 3:218-220 '62.

DOUBLE STARS see Stars, Double

DOUGH
Continuous dough mixing and its fermentation during the mixing process N. I. Smolina Khleb. i kond. prom. 6 no. 4:40-41 Ap '62.

DOVZHENKO, ALEKSANDR PETROVICH, 1894-1956
Author A. Dovzhenko. Mykhailo Kovalenko. Mystetstvo 8 no. 3:31-33 My-Je '61.

DRABKINA, ELIZAVETA IA
"Black crusts" by Elizaveta Drabkina. Reviewed by N. Kozhevnikova. Oktiabr' 39 no. 3, 202-203 Mr '62.

DRAFTING, MECHANICAL see Mechanical drawing

DRAFTING OF BILLS see Bill drafting

DRAFTS
Promissory note in the international commercial turnover. F. Bystrov. Vnesh. torg. 42 no. 4:34-39 '62.

DRAGONHEAD
Effect of the stage of vegetation and the time and methods of seeding on the quality of the aromatic oil in coriander and Moldavian dragonhead. M. M. Korotaeva, E. V. Tiurina. Trudy TSSBS no. 4:47-53 '60.

DRAINAGE

DRAINAGE OF MINES see Mine drainage

DRAWING—INSTRUCTION
Kolokol'nikov, V. V., and others. [Drawing in normal schools, teacher's manual] Risovanie v pedagogicheskom uchilishche, posobie dlia prepodavatelei. Izd. 2., ispr. i dop. Leningrad, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 255 p.
Teach yourself to paint. Mysteteivo 8 no.3,37-38 My-Je '61.
Teach yourself to paint. Mysteteivo 9 no.1;38-40, 3 of cover Ja-F '62.

DRAWINGS, ITALIAN
Some new attributions of Italian drawings of the 17th and 18th centuries in the Hermitage collections [with summary in French] M V Dobroklonskii Trudy Gos. Erm 6 no 2 119-139 '61.

DRAWINGS, VENETIAN
Notes on Venetian drawings of the 16th century and of the early 19th century [with summary in French] L. N Salmina Trudy Gos. Erm. 6 no.2 153-161 '61

DREDGING—ACCOUNTING
New system of planning and accounting in dredging operations. N. Domanevskii, N Komarov. Mor flot 22 no 4:32-33 Ap '62.

DREDGING MACHINERY
Remote control of the starting of main engines on Czechoslovak-built 43B-350 dredging machines. Rech. transp. 21 no. 4:40-41 Ap '62.

DRESSINGS (SURGERY) see Bandages and bandaging

DRESSMAKING—PATTERN DESIGN
"Design and patternmaking of women's coats and suits" by N. I. TSarev. Reviewed by V. F. Razinov. Shvein. prom. no 2:36-37 Mr-Ap '62.
Standardization of clothing details. M. A. Tamarkina. Shvein. prom. no. 1:18-26 Ja-F '62.
Using a single basic pattern design for different dress styles. Shvein. prom. no. 2:20-24 Mr-Ap '62.

DRIFT see subdivision under Caucasus; Yenisey Valley

DRILL (AGRICULTURAL IMPLEMENT)
Performance of sowing machinery at increased speeds [with summaries in English, German, and French]. A. N Kaipov. Vest. sel'khoz nauki 7 no. 1:100-106 Ja '62.

DRILLING AND BORING
Accuracy of dimensions determining axes of holes drilled in jigs E. G. Kopanevich Trudy MATI no. 52,5-19 '61
Investigating and using explosion piercing. K. I. Zaitsev. Mashinostroenie no.2:40-42 Mr-Ap '62.

DRILLING AND BORING—HANDBOOKS, MANUALS, ETC.
[Borer's manual] Spravochnik sverlovshchika. Moskva, Mashgiz, 1962. 323 p.

DRILLING AND BORING MACHINERY
History of the machinery for turbine drilling. S. M Lisichkin Vop. ist. est. i tekh. no. 12:195-197 '62.
Jig-boring device. A. Z. Luk'ianenkov, G. L. Gurskii. Av. prom. 26 no.8:30-32 '57.
Small-size drilling machine unit. I. M. Shevliakov. Mashinostroenie no.2:35-36 Mr-Ap '62.

DRILLING AND BORING MACHINERY—ATTACHMENTS
Attachments for diamond boring machines. V. I. Shekhter, L. M. Kordysh. Mashinostroenie no.2:23-28 Mr-Ap '62.
Three-spindle drilling head with an eccentric drive. Av. prom. 26 no.8;30 '57.

DRUGS
"Mental drugs; chemistry's challenge to psychotherapy" by O. A. Battista. Reviewed by V V. Alpatov. Zhur VKHO 7 no. 2;226-227 '62
Stimulin and its uses. IA. E. Shapiro. Fel'd. i akush. 27 no. 3;49-51 Mr '62.

DRUGS—PRESERVATION
Reinspection of medicinal substances for the expired time of their usefulness. M. S Baron, E. G Sade. Apt. delo 11 no 1 59-60 Ja-F '62

DRUGS—TOXICOLOGY
Action of some therapeutic preparations on the development of experimental hepatitis. V I. IAkubovskaia, G. I. Kikot Zdrav Kazakh 22 no 2;49-53 '62

DRUZHININ, FEDOR
Fedor Druzhinin, Mark Lubotskii. Sov muz. 26 no 1 105 Ap '62

DRY DOCKS
Ocean towing of reinforced concrete docks. V V Kozlitakov, D M. Rostovtsev, V. S. Garbuz. Sudostroenie 28 no 1 5-8 Ap '62

DRYING
Acoustical drying in a standing wave. IU. IA. Borisov, N. M Gynkina. Akust. zhur. 8 no. 1-129-131 '62
Drying process in a fluidized bed. Shi IAn'-fu, P. G Romankov, N B. Rashkovskaia. Zhur. prikl. khim. 35 no. 3,530-536 Mr '62.

DRYING APPARATUS
Automatic optimalizing of drying processes. M. A. Berliner. Mekh. i avtom. proizv. 16 no. 4;48-50 Ap '62.
Get the maximum use out of cone dryers; suggestion of an innovator. L. A. Obatnin Les. khoz. 15 no. 4 72 Ap '62.

DUCKS
It is difficult to single out the best IUra Martem'ianov IUn nat no. 4 10 Ap '62
Seventy-two thousand ducks. N. Petrova. IUn nat. no 4 11 Ap '62.

DUCKS—DISEASES AND PESTS
Biological characteristics of influenza virus in ducklings. P. P. TSimokh Visnyk sil'hosp. nauky 5 no. 3 85-90 Mr '62.

DUCTUS ARTERIOSUS
More precise contrast diagnosis of patent ductus arteriosus [with summary in English]. G. A. Kuchinskii. Kardiologiia 2 no. 2,64-68 Mr-Ap '62.

DUERER, ALBRECHT, 1471-1528
Nessel'shtraus, TS. G. [Albrecht Duerer, 1471-1528] Al'brekht Diurer, 1471-1528. Leningrad, Iskusstvo, 1961. 224 p.
(NN)

DUMP TRUCKS
BelAZ-540 dump truck. Z. L. Sirotkin, IU. I. Bekhterev, A. G. Denisov. Gor. zhur. no. 4;57-58 Ap '62.

DUNGANS
IUsurov, Khasan. [Migration of Dungans to the territory of Kirghizistan and Kazakhstan] Pereselenie dungan na territoriiu Kirgizii i Kazakhstana. Frunze, Kirgizskoe gos. izd-vo, 1961. 80 p.

DUODENUM—HERNIA
Undiagnosed subcutaneous rupture of the retroperitoneal segment of the duodenum M. A. Kozlov. Klin. med. no. 2;137-138 '62.

DUODENUM—RADIOGRAPHY
ıce of duodenography of the duodenum
I. Rybakova, M. M. Sal'man. Klin.
'62.
es in the enterochromaffin cells of
ute radiation sickness [with summary
Nemenova, V. M. Manteifel', G. A.
ıp. biol. i med. 3[1. c. 53] no. 3,109-

stomach and duodenum in diabetes
mary in English]. E. K. Kozlova.
0-107 '62.

RY
al insufficiency in pancreatoduodenal
mmary in English]. M. O. Sternin.
7:93-98 Jl '61.

S AND INJURIES
e duodenum [with summary in Eng-
Khirurgiia 37 no.7;104-112 Jl '61.
nent of subcutaneous ruptures of the
-tion of the duodenum. N. S. Andro-
7 no. 7;112-118 Jl '61.

IERY
gery of traumatic defects of the dura
genous preserved peritoneum. L. N.
okhranenie 5 no.1;58-59 Ja-F '62.

-EXTERMINATION
control within a limited area of
.hei Zdrav. Tadzh. 9 no. 1;53-54

DUSHANBE—RADAR IN ASTRONOMY
Meteor observations in Dushanbe [with summary in English] P. B. Babadzhanov, A. M. Bakhtaev, L. N. Rubtsov. Issl. ionosf. i met. no 6 58-63 '62

DUSHANBE—SALMONELLA
Case of salmonellosis in the town of Dushanbe. Z. A. Gordova, V. N Rybalkina, G. M Arakelova Zdrav. Tadzh. 9 no 1,46 Ja-F '62.

DUST
Spectral study of the composition of industrial dust. I N Amiton, N I Shamonova Gig truda i prof zab no. 4 51 '62.

DUST COLLECTORS
Assembling the ash collector system. I. L. Zharzhevskii, G. M. Fedorov. Energ. stroi. no 24 77-83 '61
Automatic circuit breaker. S. V. TSoi and others. Trudy Inst. gor. dela AN Kazakh. SSR 8,184-186 '61.
Determining pressure losses in hose filters and battery cyclones. V. A. Alekseev. Khleb. i kond. prom. 6 no. 4;31-33 Ap '62.
Results of studies of a dust collector with preliminary coagulation of dust. A. A. Kekin, S. V. TSoi, A. N. Stakhanov. Trudy Inst. gor. dela AN Kazakh. SSR 8:137-149 '61

DUTCH PAINTINGS see Paintings, Dutch

DVORTSY—HISTORY
New life of the first Russian resort. M. Sysoikov. Neva no. 2;217-218 '62.

DVORTSY—MINERAL WATERS
New life of the first Russian resort. M. Sysoikov. Neva no. 2;217-218 '62.

DWELLINGS see subdivision under Turkmenistan

DWELLINGS—HEATING AND VENTILATION
Akademiia stroitel'stva i arkhitektury SSSR. Institut sanitarnoi tekhniki. [Temporary instructions for the design of hot-air heating systems, combined with supply-exhaust ventilations, in residential buildings] Vremennye ukazaniia na proektirovanie sistem vozdushnogo otopleniia, sovmeshchennogo s pritochno-vytiazhnoi ventiliatsiei, v zhilykh domakh. Vtoraia redaktsiia. Moskva, 1961. 125 p.

DYES AND DYEING
Effect of the pH value of leuco solution on the redox characteristics of vat dyes. V. G Abozin, M. G. Romanova. Zhur. prikl. khim 35 no. 4;850-854 Ap '62.
Interaction of "active" dyes with α-amino acids. A. D. Virnik, M. A. Chekalin. Zhur. prikl. khim. 35 no. 3 588-593 Mr '62.
Organization of the dyeing of artificial fur. Z. V. Sandyreva. Shvein. prom no. 2;12-13 Mr-Ap '62.
Preparation and properties of dyes with methylsulfoester groups. V. F. Borodkin, S. S Kuznetsova Izv. vys. ucheb. zav., khim. i khim. tekh. 5 no. 1-141-149 '62.
Redox characteristics and dyeing properties of vat dyes, derivatives of benzanthrone V G. Abozin, M G. Romanova. Zhur. prikl khim 35 no 4 843-849 Ap '62
Synthetic dyes. Part 24: Styryl dyes from derivatives of 1-arylquinaldinium salts G. T. Pilugin, I. N. Cherniuk. Zhur ob. khim 32 no. 4 1055-1057 Ap '62

DYES AND DYEING—CONGRESSES
All-Union Interuniversity Conference on the Synthesis and Uses of Dyes. V. F. Borodkin. Izv. vys. ucheb. zav. i khim. i khim. tekh. 5 no. 1 177-178 '62.

DYES AND DYEING—RAYON
Internal dyeing of cuprammonium fiber using ultrasonic dispersion of pigments. G. S. Mikhailova, IU. V. Glazkovskii, V. V. Grufov. Khim. volok. no. 2;61-62 '62.

DYNAMICS
P. V. Voronets' studies in analytic dynamics. B. N. Fradlin. Ist.-mat. zbir. no. 2 104-127 '61.

DYNAMICS, MOLECULAR see Molecular dynamics

DYNAMOMETER
Using electroacoustic piezodynamometers in the construction of the Plavinas Hydroelectric Power Station. G. M. Lomidze, R. S. Ziangirov. Gidr. stroi 32 no. 4; 33-35 Ap '62.

DYSENTERY
Change in the protein blood fractions in animals under the influence of dysenterial toxin. L. A. Altinova. Med. zhur Uzb. no. 2,25-29 F '62.
Data on the characteristics of some methods of transmitting of dysentery in Kuybyshev. I. S. Zinov'eva, M. K. Shpagina. Gig. i san 26 no 5,69-70 My '61.
Diagnosis of atypical forms of dysentery in the polyclinic. T. Sh. Mullakandova Med. zhur. Uzb no. 2;46-47 F '62.
Differential diagnosis of invagination and dysentery in infants; advice of a surgeon to young pediatricians. N. V. Zavadovskaia. Pediatriia no. 4;43-46 '62.
Difficulties in diagnosing some atypical dysenterial bacteria. M. N. IAnishevskaia and others. Med. zhur. Uzb. no. 2;20-22 F '62.

DYSENTERY (Continued)
Effect of gamma globulin on the content of total protein in the plasma in dysentery in infants. A A Lapakhn, N.I. Shekhina. Pediatriia no.4,47-51 '62.
Frequency of acute dysentery turning chronic. F.P Slvak. Zdrav. Turk. 6 no.1 15-20 Ja-F '62.
Influence of lambilia on the course of dysentery in children. O. V. Andreieva Ped , akush i gin 23 no. 3, 22-23 '61
Lambliasis in young children with dysentery IE. A. Vashev. Ped. , akush. i gin. 23 no 3;29 '61
Review of the book, "Bacillary dysentery and colienteritis in infants" written by Professor O. M Khokhol, corresponding member of the Academy of Medical Sciences and Honored Scientist of the Ukrainian S. S. R. V I Zuzanova. Ped , akush i gin 23 no. 3 36 '61
Use of biomycin in combination with dysenteriial bacteriophage for treating acute dysentery in children. M. V. Holodets', Ped. , akush. i gin 23 no 3;21-22 '61

DYSPEPSIA
Activity of nonspecific antihyaluronidase in the blood of children with toxic dyspepsia [with summary in English]. V.M. Prokopiv. Pediatriia no 1 74-20 '62.
Some mistakes in the diagnosis of parenteral dyspepsias A. O. IEremenko. Ped , akush i gin. 23 no. 3;9-11 '61
Use of furacilin in the treatment of colidyspepsia. M. IE. Rubshtein, V. P. Etkhbaum Ped , akush i gin 23 no. 3;20-21 '61.
Use of neuroplegic substances (artificial hibernation) in toxic dyspepsia V. D. Nikolaieva, M. I Zuvetbyni Ped. , akush. i gin 23 no. 3;14-16 '61

DZHEZKAZGAN DISTRICT—MINING ENGINEERING
New variations in the chamber-and-pillar system in the Dzhezkazgan Mine. A. Imangaliev Gor. zhur. no 4: 11-15 Ap '62.

DZHIDA VALLEY—TUNGSTEN ORES
Structure of the Inkurskoye tungsten stockwork E. P. Malinovskii, V I. Ignatovich Geol. rud mestorozh. no. 2,79-89 Mr-Ap '62

DZIRULA VALLEY—LANDSLIDES
Regional engineering geological classification of landslides in the southern part of the Dzirula massif. G. M. Areshidze, Soob. AN Gruz. SSR 28 no. 1,47-52 Ja '62.

DZUNGARIAN ALA-TAU—FOLDS (GEOLOGY)
New data on fold structures of lower Paleozoic ore enclosing formations of the Dzungarian Ala-Tau IU. I. Kazanin and others. Izv. AN Kazakh SSR Ser. geol. no 4: 3-18 '60.

DZUNGARIAN ALA-TAU—LEAD
Genesis of lead-zinc deposits in the Dzungarian Ala-Tau. B. G. Bashkirov. Sov. geol. 5 no 3;135-140 Mr '62

DZUNGARIAN ALA-TAU—ORE DEPOSITS
Characteristics of the complex metal mineralization of the Dzhungarian Ala-Tau and further prospecting. N. A Figurovskii and others. Izv. AN Kazakh. SSR Ser. geol no. 4;45-57 '59.

DZUNGARIAN ALA-TAU—ZINC
Genesis of lead-zinc deposits in the Dzungarian Ala-Tau. B. G. Bashkirov Sov. geol 5 no 3;135-140 Mr '62

EAGLES see subdivision under Manych-Gudilo Lake region

EAR—ABNORMITIES AND DEFORMITIES
X-ray diagnosis of congenital atresia of the ear [with summary in English]. T. F Rontovtseva Vest. rent. i rad. 37 no. 2;32-36 Mr-Ap '62

EAR—DISEASES
Chronic purulent inflammation of the middle ear. TS. A. Reginskaia. Sov. zdrav Kir. no. 1;51-55 Ja-F '62.

EARTH—INTERNAL STRUCTURE
The internal structure and development of the earth in M. V. Lomonosov's works. I. V. Batiushkova. Vop. ist. est. i tekh. no. 12,150-152 '62

EARTH—SURFACE
(see also subdivision under Soviet Far East)
Origin of the earth's crust. V. H. Bondarchuk. Geol. zhur. 22 no. 2;7-16 '62.
"Plus"- and "minus" minerals from the viewpoint of the volume law and principles of chapter two of silicate crystallochemistry; role of pressure and chemical binding energy in transformations of the crustal mineralogical composition [with summary in English]. V. I. Lebedev. Vest. LGU 17 no. 6;36-46 '62.
Third Interdepartmental Conference on the Recent Tectonic Movements of the Earth's Crust L F Setunskaia, E. A. Finko. Sov geol. 5 no 4 141-143 Ap '62.

EARTH MOVEMENTS
(see also subdivision under Uzynkargaly Valley)
Differences in the course of short-range point shifting on the earth's surface. L. A. Latynina. Izv. AN SSSR. Ser geofiz. no. 4;478-484 Ap '62.
Study of slide faults in open pits. S N. Nikitin. Izv. vys. ucheb. zav. ; gor. zhur. 5 no. 1;50-52 '62.

EARTH SATELLITES see Artificial satellites

EARTH TEMPERATURE see subdivision under Kuybyshev Province

EARTHMOVING MACHINERY
Continuous-action machines are in the future of earthmoving technology Z. I. Garbuzov, L. E. Podboiskii. Stroi. i dor. mash. 6 no 11;5-8 N '61.

EARTHMOVING MACHINERY—SAFETY REGULATIONS
Nedrigailov, V. A. [Safety measures in operating earthmoving machinery] Tekhnika bezopasnosti pri rabote na zemleroinykh mashinakh. [Moskva, Izd-vo MSKh RSFSR, 1961] 11 p. (Pamiatka rabotnika sel'skogo khoziaistva)

EARTHS, RARE see Rare earths

EARTHWORK
(see also subdivision under Dneprodzerzhinsk Hydroelectric Power Station)
Earth and rock work. G I Moiseev. Energ stroi no 24 88-93 '61
Over-all mechanization of earthwork I. G. Pospelov. Trudy TIIMSKH no 1,95-101 '55
Sobolev, V. P. [Improving earthwork operations in hydraulic construction] Uluchshenie proizvodstva zemlianykh rabot v gidrotekhnicheskom stroitel'stve. Moskva, Gos. energ. izd-vo, 1961 168 p.

EARTHWORK—COLD WEATHER CONDITIONS see subdivision under Siberia

EARTHWORMS see subdivision under Kirov Province

EAST (FAR EAST) see Far East

EAST (SOVIET FAR EAST) see Soviet Far East

EAST EUROPEAN PLAIN—CLIMATE
Fluctuations of climate in the central forest-steppe of the East European Plain. S I Kostin. Nauch zap. VLTI 21;62-70 '60.

EAST GERMANY see Germany, East

EAST KAZAKHSTAN PROVINCE—SEWAGE
Sanitary hygienic characteristics of sewage in the East Kazakhstan Administrative Economic Region. IU. A. Antkin. Zdrav Kazakh. 22 no. 2;54-55 '62.

EASTERN EUROPE see Europe, Eastern

EASTERN ORTHODOX CHURCH see Orthodox Eastern Church

EASTERN SIBERIA see Siberia, Eastern

EBULLITION
Experimental study of the cessation of film boiling of a liquid on a submerged heating surface [with summary in English]. V. G. Morozov. Inzh.-fiz. zhur. 5 no. 4; 15-19 Ap '62.
Methods and some results of the critical load measurement during the transition from film- to bubble boiling B. S. Petukhov, S. A. Kovalev. Teploenergetika 9 no. 5; 65-70 My '62.

ECHO VIRUSES
Enteroviruses in the territory of the Ukrainian S.S.R. Report No. 2: Parapoliomyelitis viruses (Coxsackie and ECHO). M. F. Holub. Mikrobiol. zhur. 23 no. 4; 38-43 '61.

ECLAMPSIA PUERPERALIS see Puerporal convulsions

ECLIPSES, LUNAR—1956
Lunar eclipse of May 24, 1956. A. N. Simonenko. Astron. tsir. no. 222;12-13 My '61.

ECLIPSES, SOLAR—1952
Vsesoiuznoe astronomo-geodezicheskoe obshchestvo. [Solar eclipse of February 25, 1952, and its observation] Solnechnoe zatmenie 25 fevralia 1952 g. i ego nabliudenie. Sost. I. S. Astapovich i dr. Pod red. A. A. Mikhailova. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1951. 175 p.

ECLIPSES, SOLAR—1961
Observation of the solar eclipse of February 15, 1961, in Dzhankoy N. D. Kaitnenkov Astron tsir. no 222 8-10 My '61.
Observation of the total solar eclipse of February 15, 1961. I. V. Matveev. Astron tsir. no 222 8 My '61.

ECLOGITE see subdivision under Aldan Plateau; Korea, North

ECONOMIC ASSISTANCE, AMERICAN see subdivision under Asia

ECONOMIC ASSISTANCE, FOREIGN see subdivision under India

ECONOMIC ASSISTANCE, RUSSIAN see subdivision under Asia; India

ECONOMIC GEOLOGY see Geology, Economic

ECONOMIC HISTORY
The "Common Market" is a device for the intensification of monopolistic oppression and aggression. V. Chepranov. Kommunist 38 no. 8;22-35 My '62.
Present-day phase of the general crisis of capitalism. A. I. Malysh. Vop. ist. KPSS 6 no. 2;135-140 '62.
"Report on the world social situation" [in English]. Reviewed by A. Kashkarov. Nov. vrem. 20 no. 19,29-31 My '62.
Two economic systems. N. Petrov Nar. khoz. Kazakh. 20 no. 3 88-92 Mr '62.
Two lines of economic development, facts and figures. Komm Ukr. 37 no. 4 82-84 Ap '62

ECONOMIC ZONING see subdivision under Kazakhstan; White Russia

ECONOMICS
(see also subdivision under Germany, West; Ukraine)
Aleksandrovskii, A., and A. Rusakii. [Bourgeois economics at the present-day stage] Burzhuaznaia politicheskaia ekonomiia na sovremennom etape. Moskva, Izd-vo "Znanie," 1962. 47 p. (Novoe v zhizni, nauke, tekhnike. III Seriia Ekonomika, no. 2)
Basic production relation and the economic law of the movement of socialism. IA. Kronrod. Vop ekon. no. 4 102-111 Ap '62.
Grachev, F. V., and A. N. Malafeev. [What is the fund of socialist accumulation] Chto takoe fond sotsialisticheskogo nakopleniia. Leningrad, Ob-vo po raspr. polit. i nauchn. znanii RSFSR, 1961. 61 p.
James, Emile. [History of 20th century economic thought. Translated from the French] Istoriia ekonomicheskoi mysli XX veka. Pod obshchei red. i s predisl. I. G. Blumina. Moskva, Izd-vo inostr. lit-ry, 1959. 571 p. (TsIIR)
Libman, G. I. [Constant growth of socialist production] Nepreryvnyi rost sotsialisticheskogo proizvodstva. Moskva, Gos. izd-vo "Vysshaia shkola," 1961 120 p.
Marx, Karl, and Friedrich Engels. [Collected works] Sochineniia. Izd. 2. Moskva, Gos. izd-vo polit lit-ry.
Vol. 20. 1961. xxii, 827 p.
Vol. 24. 1961. vi, 648 p.
Vol. 25 Pt. 1. vi, 545 p
Quantitative correlations of the expanded socialist reproduction of the means of production. N. F. Shatilov. Och. po sovr. sov. i zarub. ekon. no. 2 92-126 '61.
Razdorskii, G. I. [Commodity production and money under capitalism] Tovarnoe proizvodstvo i den'gi pri kapitalizme. Moskva, Gos. izd-vo "Vysshaia shkola," 1962. 62 p.
"Turnover of goods under socialism" by G. S. Grigor'ian. Reviewed by A. Levitas. Sov. torg 35 no 4-32-36 Ap '62.
An unknown letter of F. Engels to W. Sombart. Vop. ist. KPSS 6 no. 2,132-134 '62.

ECONOMICS—BIBLIOGRAPHY see Bibliography—Economics

ECONOMICS—DICTIONARIES
Economic encyclopedia. F. Livanskaia. Vop. ekon. no. 4: 160 Ap '62.

ECONOMICS—ELECTRONIC DATA PROCESSING
Certain problems concerning the assignment of schedules. A. L. Lur'e. Prob. kib. no. 7;201-208 '62.

ECONOMICS—PERIODICALS see subdivision under Vietnam, North

ECONOMICS—STUDY AND TEACHING
(see also subdivision under Uzbekistan)
Let's raise the level of economic knowledge. S. Vasil'ev. Sov. potreb. koop 6 no. 4 45-46 Ap '62
Studying applied economics in goal oriented courses. S. Batyshev. Prof.-tekh. obr. 19 no. 3;26-28 Mr '62.

ECONOMICS, MATHEMATICAL
Using the method of successive approximations in computing the balance of production and consumption V. F. Vaiauka. Vestsi AN BSSR, Ser. fiz.-mat. nav. no. 1; 28-31 '62.

ECONOMICS, MATHEMATICAL—CONGRESSES
Coordinating conference on the problems of applying mathematics and calculating machines in economics. Vop ekon. no. 4;86-85 Ap '62.

ECONOMICS, MATHEMATICAL—STUDY AND TEACHING
Course on economics and mathematics. V. S. Dadalan, R. P. Kornievskii. Vest. vys shkoly 20 no. 4;67-72 Ap '62.

ECUADOR—DESCRIPTION AND TRAVEL
Meeting with Ecuador. N. Mostovets. Nov. vrem. 20 no. 23;25-27 Je '62.

ECUADOR—ECONOMIC CONDITIONS
Meeting with Ecuador. N. Mostovets. Nov. vrem. 20 no. 23;25-27 Je '62.

ECZEMA
External use of corticosteroid hormones in treating circumscribed neurodermatitis and eczema [with summary in English] IU. K. Skripkin. Sov. med. 26 no. 1;110-115 Ja '62.
Neurovascular reaction of the skin to some stimuli in eczema during the process of treatment. R. Abdusametov. Trudy Semipal. med. inst. 2;254-261 '59.

EDEMA

Nutritional edema of baby pigs and therapeutic effectiveness of calcium chloride. Z. A. Manevich, P. I. Vejins. Veterinariia 38 no.1,39-10 Ja '61.

EDUCATION
(see also subdivision under Ceylon, Germany, Germany, East, Germany, West; Kirghizistan; Mali, Poland; Ukraine, Vietnam, North)
Akademiia pedagogicheskikh nauk RSFSR, Moscow. [V. I. Lenin and the problems of public education] V. I. Lenin i problemy narodnogo obrazovaniia. Pod red. N. K. Goncharova i F. F. Koroleva. Moskva, 1961. 268 p.
Brief news. Nar. obr., no 4:102 Ap '62
In the Ministry of Education of R. S. F. S. R. Nach. shkola 40 no 5 92-94 My '62
"John Dewey; master educator" [in English] by William Brickman. Reviewed by M. Bernshtein. Nar. obr. no. 4:97-101 Ap '62
Lenin is always with us. M. Kondakov. Nar. obr., no. 4 7-11 Ap '62
"National economy and public education in the U.S.S.R." by F. Koroliev. Reviewed by Aleksandrov. Nar. obr. no 4:106 Ap '62.
Program of the development of communism. Inostr. laz. v shkole no 1:3-7 Ja-Ag '61
Public education in the pages of "Pravda." V. IU. Nikolaenko. Rad. shk. 11 no 5 3-8 My '62.
Transition to communism and public education. Shkola i proizv. 6 no 1 3-6 Ap '62

EDUCATION—BIBLIOGRAPHY see Bibliography—Education

EDUCATION—CONGRESSES
Exchanging practices. Nar. obr. no. 4:123-124 Ap '62.
Vserossiiskii s"ezd uchitelei, Moscow, 1960. [All-Russian Teachers' Congress, Moscow 1960; stenographic record] Stenograficheskii otchet. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 586 p.

EDUCATION—PERIODICALS
(see also subdivision under Ukraine)
Read it in the periodicals. Nar. obr. no. 4 121 Ap '62.
Word and deed. IA. IAmov. Shkola-int no. 2:90-92 Mr-Ap '62.

EDUCATION, AGRICULTURAL see Agricultural education

EDUCATION, COOPERATIVE
(see also subdivision under Cherikov; Moscow; Samarkand)
Forms of contact between boarding school and production group. I. V. Khazan. Rad. shk. 40 no. 1 39-15 Ap '62.
Joint work of schools and production personnel in the training of senior grade students. G. G. Shkola i proizv. 6 no. 4,86-89 Ap '62
Let's pay special attention to industrial training. N. Chachilo, Prof.-tekh. obr. 19 no.3 16 Mr '62.
Our contacts with industry. R. O. Karapetian. Vest. vys. shkoly 20 no. 4 77-79 Ap '62
Production training of students in a laboratory. IA. A. Al'tzitser. Shkola i proizv. 6 no. 3 19-21 Mr '62.
The role of school reform in the all-round development of young Soviet workers. G. N. Zatevakhina. Nauch. dokl. vys. shkoly; filos. nauki 5 no. 2:40-56 '62.
"Soviet schools at the present stage." Book review. Nar. obr. no. 4 119-120 Ap '62.
Training and work. R. G. Gurova, M. N. Skatkin. Shkola i proizv. 6 no. 3:9-14 Mr '62.

EDUCATION, DISTRIBUTIVE see Distributive education

EDUCATION, ELEMENTARY
(see also subdivision under Donetsk Province; Ukraine; Vladimir Province, White Russia)
Great prospects. K. Zolotar' Shkola-int no. 2:21-25 Mr-Ap '62.
Let's teach them to think, to decide, and to function. V. N. Kondrashov. Nach. shkola 30 no. 5 22-26 My '62
Organizing the daily routine of students in the schools with longer hours. M. V. Antropova. Sov. pedag. 26 no. 4 66-72 Ap '62.
Practice of the best should serve new schools. A. K. Serebriakov. Nach. shkola 30 no. 5 17-22 My '62.
Recommendation No. 52 to the ministries of public education concerning the organization of one-room elementary schools. Nar. obr. no. 3 93-96 Mr '62.
Talks on the communist attitude toward work. S. A. Abdullina. Nach. shkola 30 no. 5:76-78 My '62.

EDUCATION, ELEMENTARY—CONGRESSES
Drive for increasing the efficiency of pedagogical work. A. S. Pchelko, N. S. Rozhdestvenskii. Nach. shkola 30 no. 5:35-45 My '62.

EDUCATION, ELEMENTARY—PERIODICALS
Discussion of the periodical "Nachal'naia shkola." Nach. shkola 30 no. 5 95-96 My '62.

EDUCATION, HIGHER
(see also subdivision under Turkey; Ukraine)
Facts and figures. Vest. vys. shkoly 20 no. 4:89 Ap '62.
This is needed most urgently. B. P. Kozyrev. Vest. vys. shkoly 20 no. 4:52-55 Ap '62.

EDUCATION, INTERNATIONAL see International education

EDUCATION, MILITARY see Military education

EDUCATION, MORAL see Moral education

EDUCATION, NAVAL see Naval education

EDUCATION, PHYSICAL see Physical education and training

EDUCATION, PRESCHOOL
Each collective and state farm should organize an open-air recreation center for preschool children. P. Likhachou. Nar. asv. no 3 70-71 Mr '62

EDUCATION, TECHNICAL see Technical education

EDUCATION OF ADULTS see Adult education

EDUCATIONAL ASSOCIATIONS
(see also subdivision under Otynya, Veshkayma District)
In the Educational Association. Nar. obr., no. 4:126 Ap '62.

EDUCATIONAL PSYCHOLOGY
Characteristics of foreign (Western European and American) psychology of teaching foreign languages. B. V. Beliaev. Vop. psikhol. 8 no. 1:157-167 Ja-F '62.
Some conditions for the understanding of text structure by students [with summary in English]. D. M. Dubovis-Aranovskaia. Vop. psikhol. 8 no. 1 53-60 Ja-F '62.

EDUCATIONAL PSYCHOLOGY—PERIODICALS
Student or a guinea pig? I. Borisov. Nar. obr. no. 4 115-117 Ap '62.

EDUCATIONAL RESEARCH
(see also subdivision under Cherkassy; Ukraine)
From the history of the development of educational experiments. M. O. Grygor'ev. Rad. shk. 40 no. 4 26-28 Ap '62.
Use of mathematical and cybernetic methods in educational research. L. B. Itel'son. Sov. pedag. 26 no. 4 45-55 Ap '62

EFFICIENCY, INDUSTRIAL
(see also subdivision under Bratsk Hydroelectric Power Station; Moldavia; Norilsk; White Russia)
The collective of the Baltic State Regional Electric Power Plant struggles to put the power units into operation ahead of schedule. N. D. Mel'nikov, V. I. Naumov. Energ. stroi. no 24 16-18 '61
Communist labor competition of the builders of power plants. Energ. stroi. no. 25 3-7 '61.
An enterprise of high standards. V. G. German. Shvein. prom. no 2;3-4 Mr-Ap '62
Formation of the new man is our most important objective. V. Boldyrev. Agitator no. 10 41-44 My '62.
Increase of labor productivity is the basis of the struggle for communist labor. M. N. Ogniakov. Energ. stroi no 25:7-10 '61.
Increasing labor productivity is our most important objective. V. Loktev. Komm. Bel. 16 no. 4:24-30 Ap '62
Production innovator. I. M. Nepodkupnyi. Put' i put. khoz. 6 no 5:19 '62.
Promote innovators' councils. M. Gliantsev. Sov. profsoiuzy 18 no. 9:16-18 My '62.
Toward new achievements of the movement for communist labor, a review of letters to the editor. Part. zhizn' no. 9, 22-28 My '62
Weekday heroics, survey of readers letters. Sov. profsoiuzy 18 no 8 19 '62
Zharikov, L. M. [The great march] V bol'shom pokhode. Moskva, Gos. izd-vo polit. lit-ry, 1962. 20 p. (Kommunizm i chelovek)

EFREMOVA, LIDIIA ANDREEVNA
Two callings. G. L. Elenskii. Zdorov'e 8 no. 2:15 F '62.

EGGPLANT
Some factors influencing hybrid seeds and F_1 in eggplants. D. Popova. Agrobiologiia no 2 213-218 Mr-Ap '62

EGGS—PRODUCTION
External inhibition of unconditioned reflexes of egg laying in poultry related to changes in a fixed environment. S. K. Karapetian, A. V. Arshakian. Izv. AN Arm. SSR. Biol. nauki 15 no. 3:3-13 '62.

EGOROV, MIKHAIL EGOROVICH
First "dummy editor." M. Egorov. Sov. pech. no. 4: 10-11 Ap '62.

EGYPT—HISTORY
"The chronicle in Ibn al-Dawadari." Vol. 6. Report on the Fatimides [in German]. Reviewed by L. Semenova. Nar. Azii i Afr. no. 2:244-245 '62.

EGYPT—TEXTILE FABRICS, COPTIC
Coptic traditions in the ornamentation of textiles in medieval Egypt [with summary in English]. S. B. Pevzner. Trudy Gos. Erm. 5.228-242 '61.

EGYPTIAN ART see Art, Egyptian

EHRENFEST, PAUL, 1880-1933
"Collected scientific papers" [in English] by P. Ehrenfest. Reviewed by U. I. Frankfurt. Vop. istorii i tekh. no 12 218-219 '62.

EICHMANN CASE
What Themis did not say in Tel Aviv, results of the Eichmann trial. E. Zaitsev. Neva no 3 159-166 '62.

EIGENFUNCTIONS
Expansion into eigenfunctions of a second-order boundary problem on the semiaxis. R. A. Oganian. Dokl. AN Arm. SSR 34 no. 2 57-63 '62.

EINSTEIN, ALBERT, 1879-1955
Akademiia nauk SSSR, Institut istorii estestvoznaniia i tekhniki. [Einstein and the development of physical and mathematical thought] Einshtein i razvitie fiziko-matematicheskoi mysli; sbornik statei. Moskva, Izd-vo Akad. nauk SSSR, 1962. 237 p.

ELASTIC PLATES AND SHELLS
Anisotropic cylindrical shells under axially-symmetrical loads. L. A. Movsisian. Izv. AN Arm. SSR Ser. fiz.-mat. nauk 15 no 2 111-119 '62.
Application of the approximation method to shell computations. K. B. Sandzhieva. Izv. AN Arm. SSR Ser. fiz.-mat. nauk 15 no 2 121-138 '62
Bending a thin plate in the form of an eccentric ring with elastically fastened rims. IU. I. Soloviev. Izv. vys. ucheb. zav., stroi. i arkhit. 5 no. 1:31-34 '62.
Bending of long elastic plates moving in a gas with a constant supersonic speed. V. S. Sarkisian. Izv. AN Arm. SSR Ser. fiz.-mat. nauk 15 no 2 139-152 '62
Bulgakov, V. N. [Statics of toroidal shells] Statika toroidal'nykh obolochek. Kiev, Izd-vo Akad. nauk USSR, 1962. 99 p.
Calculating shallow shells with rectangular supporting edges. S. I. Stel'makh. Inzh. zhur. 1 no. 4 115-122 '61.
Calculation of folded systems and shells. B. S. Vasil'kov. Inzh. zhur. 1 no 4 123-131 '61.
Calculations for a conical shell on an elastic foundation. IA. F. Khlebnoi. Stroi. mekh. i rasch. soor. 3 no 6 5-9 '61
Chernykh, K. F. [Linear theory of shells] Lineinaia teoriia obolochek. [Leningrad] Izd-vo Leningr. univ. Pt 1. [General theory] Obshchaia teoriia, 1962. 273 p.
Determination of the elastic characteristics of ribbed plates. V. A. Gastev, K. A. Kilover. Stroi. mekh. i rasch. soor. 3 no 6 1-4 '61.
Effect of irregularities in the shape of the middle surface on the stability of spherical shells. S. Kh. Tanev. Inzh. zhur. 1 no. 4,95-106 '61.
Elastoplastic distribution of stresses in a plate having an oval hole. IU. I. Solodilov. Inzh. zhur. 1 no 4 170-172 '61.
Experimental study of the influence of local loads on shallow shells. L. M. Pukhonto. Izv. vys. ucheb. zav., stroi. i arkhit. 5 no. 1 73-81 '62.
Flexure of a console-type plate. I. I. Paciberg. Trudy MFTI no. 7 16-57 '61.
Impact on a plate lying on an elastic foundation. N. A. Nikolaenko. Trudy TSNIISK no 1 27-36 '61
Large axisymmetrical flexures of a plate. F. L. Akselrad, E. B. Sonin. Rasch. prostr. konstr. no 7 193-204 '62.
Nonlinear integral equations of shallow shells of revolution. A. A. Berezovskii. Inzh. zhur. 1 no. 1:107-114 '61.
One method of computing stresses in a circular cylinder. N. D. Vvedenskaia, E. E. Shul'. Vych. mat. no 7 75-94 '61.
Pidstryhach, IA. S., and S. IA. IArema. [Thermal stresses in shells] Temperaturni napruzhennia v obolonkakh. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 211 p.
Problem of an axially symmetric deformation of a hollow cylinder of definite length. B. L. Abramian, A. A. Hablsian. Izv. AN Arm. SSR, Ser. fiz.-mat. nauk 15 no 2 87-99 '62.
Quasi-static problem of a thin momentless shell with zero Gaussian curvature under conditions of nonlinear creep of the material. R. M. Kirakosian. Izv. AN Arm. SSR. Ser. fiz.-mat. nauk 15 no 2:153-159 '62.
Setting up more exact theories of plates and shells. I. G. Teregulov. Prik. mat. i mekh. 26 no 2:346-350 Mr-Ap '62
Solution of a plane problem in the nonlinear elasticity theory for an infinite plate having a curvilinear hole. IU. I. Koifman. Izv. vys. ucheb. zav.; stroi. i arkhit. 5 no. 1:44-51 '62.
Stability of plates. B. M. Broude. Stroi. mekh. i rasch. soor. 3 no. 6:35-46 '61.
Stability of plates in creep. L. M. Kurshin. PMTF no. 1: 93-101 Ja-F '62.
Tension beyond the elastic limit of a plate with a circular hole. P. M. Vitvitskii, M. IA. Leonov. PMTF no. 1: 109-117 Ja-F '62.
Theory of plates of medium thickness. V. V. Poniatovskii. Prik. mat. i mekh. 26 no 2,335-341 Mr-Ap '62.
Torsion of a cylindrical shell with an arbitrary closed section. N. Kh. Arutiunian. Izv. AN Arm. SSR Ser. fiz.-mat. nauk 15 no 2 101-109 '62.
Using the mirror-optic method for calculating circular and rectangular plates. A. M. Trukhlov, A. P. Malov. Izv. vys. ucheb. zav.; stroi. i arkhit. 5 no. 1:20-30 '62.

ELASTIC PLATES AND SHELLS—VIBRATION
Correction to the article "Boundary effect in vibrations of elastic shells." V. V. Bolotin. Prik. mat i mekh 26 no 2:382 Mr-Ap '62
Vibration of compressed and stretched plates. IA. A. Barg. Stroi. mekh. i rasch soor 3 no 6.22-28 '61.

ELASTIC RODS AND WIRES
Integration of differential equations of the flexure of a flat curved beam. V. G. Rekach. Stroi. mekh i rasch. soor. 3 no. 6:11-16 '61.
Investigating the effect of the eccentricity of the application of compressing force on the local stability of a sectional rod. L. N. Ter-Mkrtich'ian. Rasch. prostr konstr no. 7:205-232 '62

ELASTIC RODS AND WIRES—VIBRATION
Experimental investigations of parametric vibrations of compressed prismatic rods. A. M. Sizov Trudy TSNIISK no 1:73-86 '61.
Transverse vibrations of variable-section rods V. I Sysoev. Trudy TSNIISK no. 1.87-95 '61.

ELASTIC SOLIDS
Stressed state of an elastic body in the presence of a shallow gap (cut). V. I. Dovnorovich. Prik. mat. i mekh. 26 no. 2:342-343 Mr-Ap '62.

ELASTICITY
Approximate equations of the spatial flexure of circular rings with asymmetric cross section. A. L. Rabinovich. Trudy MFTI no.7:20-45 '61.
Calculation of wave fields in elastic homogeneous media with plane-parallel interfaces. K. I. Ogurtsov Prik. mat. i mekh. 26 no. 2:350-355 Mr-Ap '62.
Effect of the degree of dispersion and mineralogical composition of porcelain masses on their elasticity modulus. G. N. Maslennikova. Zhur. prikl. khim. 35 no. 3:520-523 Mr '62.
I. I. Bakhmanino'is article "Equilibrium on an elastic nonextensible surface." I. IA. Shtaierman. Ist.-mat. zbir. 2:77-88 '61.
Singular integrodifferential equation for an elastic airplane wing of finite span. A. G. Kekelita. Soob. AN Gruz. SSR 28 no. 1:9-16 Ja '62.
Solution of plane elastoplastic problems for doubly connected areas. P. I. Perlin. Inzh. zhur 1 no. 4.60-75 '61.
Some problems in the plane theory of elasticity in polar coordinates. A. N. Shchepetev. Inzh. zhur. 1 no. 4. 154-159 '61.
Stability of the equilibrium of conservative systems with an infinite number of degrees of freedom. A. M. Slobodkin. Prik. mat i mekh 26 no. 2:358-359 Mr-Ap '62
Theorem on the action of external forces on final displacements and its application to problems on the stability of elastic equilibrium. M. S. Bernshtein. Rasch. prostr. konstr. no. 7:281-292 '62.
Use of the ultrasonic method for determining the dynamic elastic parameters of rocks in the field V. I. Emelin, K. S. Chuprov. Izv. AN SSSR. Ser. geofiz. no. 4.472-477 Ap '62.

ELASTICITY—ELECTROMECHANICAL ANALOGIES
Electrical simulation of a biharmonic equation. E. A. Stepanov. Izv. vys. ucheb. zav. ;elektromekh. 5 no. 3: 282-288 '62.

ELASTOMERS
Adhesion of polymers to silicate glass. Part 1: Adhesion of various elastomers to silicate glass [with summary in English]. S. S. Voiutskii and others. Vysokom. soed. 4 no. 2:205-293 F '62.
Adhesion of polymers to silicate glass. Part 2: Nature of adhesive bond rupture during the separation of elastomer - glass adhesive joints [with summary in English]. V. E. Gul' and others. Vysokom. soed. 4 no. 2:294-298 F '62.

ELDELINE
Aconitic alkaloids. Part 19: Structure of eldeline and delpheline. A. D. Kuzovkov, T. F. Platonova. Zhur. ob. khim. 32 no. 4:1200-1203 Ap '62.

ELECTION LAW see subdivision under France

ELECTIONS
(see also subdivision under India)
"Elections in the U. S. S. R. and in foreign countries" by M. A. Krutogolov. Reviewed by A. Shebanov. Sov. iust. no. 5:28-29 Mr '62.
Kommunisticheskaia partiia Sovetskogo Soiuza. TSentral'nyi Komitet. [Appeal of the Central Committee of the CPSU to workingmen and workingwomen, collective farmers and their wives, the Soviet intelligentsia, Soviet soldiers and seamen, and all Soviet voters] Zvernennia TSentral'noho Komitetu Komunistychnoi partii Radians'koho Soiuzu do vsikh vybortsiv-robitnykiv i robitnyts', kolhospnykiv i kolhospnyts', radians'koi inteligentsii, voiniv Radians'koi Armii i Viis'kovo-Mors'koho Flotu. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1962. 15 p.
Nation-wide elections to the Supreme Soviet of the U. S. S. R. Sots. zakon. 39 no. 3:3-8 Mr '62.

ELECTIONS—HANDBOOKS, MANUALS, ETC.
"Voter's handbook." Reviewed by K. Antonov. Sov. pech. no. 3:50 Mr '62.

ELECTRETS
"Electrets" by A. N. Gubkin. Book review. Priroda 51 no. 4:10 Ap '62.

ELECTRIC ANESTHESIA
Treatment of phantom pains by electronarcosis. M. Z Konovalova. Trudy Inst klin i eksp. khir. AN Kazakh SSR no. 7 51-54 '61

ELECTRIC APPARATUS AND APPLIANCES
Brief reports. Prom. energ 17 no. 4:45-46 Ap '62.
Electronic tuner. M. Onoprienko. Znan. ta pratsia no. 4: 20 Ap '62.
In the Leningrad branch of the V. I. Lenin All-Union Electrical Engineering Institute. L. S. Petrov. Vest elektroprom. 33 no. 4:8-11 Ap '62.

ELECTRIC APPARATUS AND APPLIANCES—SAFETY MEASURES
Should the equipment be grounded or reliably insulated? V. V Vasil'ev Energetik 10 no. 4 8 Ap '62

ELECTRIC APPARATUS AND APPLIANCES—TESTING
The LPI stand for testing high-voltage equipment. V. V. Kaplan, V. M. Nashatyr', E I. IAnchus. Vest. elektroprom. 33 no. 4 33-39 Ap '62.

ELECTRIC AUTOMOBILES see Automobiles, Electric

ELECTRIC BATTERIES
Capacitor battery with gradual change of capacity. F. Baikov. Shkola i proizv. 6 no. 4:80-81 Ap '62.

ELECTRIC CABLES
Privezentsev, V. A., and D. L. Sharle, eds. [Cables and wires] Kabeli i provoda. [By] R. M. Lakernik i dr. Moskva, Gos. energ. izd-vo.
Vol. 2. [Manufacture of cables with paper insulation] Proizvodstvo kabelei s bumazhnoi izoliatsiei. 1962. 526 p.
Reduction of the resistance of cable insulation to a desired standard B. A. Mazarov. Avtom., telem. i sviaz' 6 no. 4 30 Ap '62.

ELECTRIC CABLES—COOLING
Water cooling of ship cable runs. M. IU. Posherstnik. Sudostroenie 28 no. 3:31-33 Mr '62.

ELECTRIC CABLES—DRYING
Automation of the drying operations of long-distance communication cables with styroflex insulation R N. Bataeva, R. M Lakernik. Izv. vys. ucheb zav., energ. 5 no. 3 81-87 Mr '62

ELECTRIC CABLES—TESTING
Method for locating damage in electric cables involving the use of two grounded strands. V. A. TSapinskii. Avtom., telem. i sviaz' 6 no. 4 38 Ap '62.

ELECTRIC COILS
Concerning the rewinding of a brake coil. L. G. Rubo. Prom. energ. 17 no. 4:52 Ap '62.
Design of toroidal transformers. A. Davydov. Radio no. 4:55-56 Ap '62.

ELECTRIC CONTACTORS—VIBRATION
Mechanical vibrations of the contactors of electrical devices. A. G. Nikitenko and others. Izv. vys. ucheb. zav. ;elektromekh. 5 no. 3:308-314 '62.

ELECTRIC CONTROLLERS
Concerning the power supply network of reserve controllers manufactured by the "Komega" Factory. V. V. Vasil'ev. Energetik 10 no. 4:23-24 Ap '62.

ELECTRIC CRANES—COMMUNICATION SYSTEMS
High frequency communications with travelling electric cranes. V. IA. Kozhukh. Biul. TSIICHM no. 9'44-45 '60.

ELECTRIC CURRENT COLLECTORS
Current collector with a remote control. I. N. Bogaenko. Zav. lab. 28 no. 3:364-366 '62.

ELECTRIC CURRENT CONVERTERS
Calculation of the instability of magnetic constant voltage and current stabilizers. K. B. Mazel'. Radiotekhnika 17 no. 4:61-65 Ap '62.
Characteristics of a parallel inverter with self-excitation and induction heating. A. V. Donskoi. G. V. Ivenskii. Vest. elektroprom. 33 no. 4:39-43 Ap '62.
Frequency to d. c. converter [with summary in English]. IU. M. TSodikov. Avtom. i telem. 23 no. 4:532-535 Ap '62.
Overvoltages resulting during the extinction of rectifiers and converter systems. V. B. Samodelkin. Izv. vys. ucheb. zav., energ. 5 no. 3:5-9 Mr '62.

ELECTRIC CURRENT RECTIFIERS
Bulavin, N. P. [Selenium rectifiers] Selenovye vypriamiteli. Moskva, Gos. energ. izd-vo, 1961. 48 p. (Biblioteka elektromontera, no. 42)
[MICROFILM]
Comparison of networks of connecting saturable reactors used to control a three-phase transistor rectifier. Elektroenergetika no. 5:90-97 '62.
Mechanical rectifier with valve-rheostat commutation. V. V. Krasavin. Izv. vys. ucheb. zav. ;elektromekh. 5 no. 3:321-328 '62.
Overvoltages resulting during the extinction of rectifiers and converter systems V. B Samodelkin. Izv vys ucheb. zav., energ 5 no 3 5-9 Mr '62
Performance of a choke in the rectifying network of an electric locomotive (double half-wave network) Elektroenergetika no. 5:98-109 '62

ELECTRIC CUTOUTS—REPAIRING
Master form for repairing the drive mechanisms of MKP-110 oil cutouts. M P. Grobivker. Energetik 10 no 4 27-28 Ap '62

ELECTRIC CUTTING MACHINERY
Semiautomatic electric-spark five-spindle machine for grinding and lapping sprayer cones. G. N. Kutuza. Mashinostroenie no. 2:108 Mr-Ap '62.

ELECTRIC DIPOLE MOMENTS see Dipole moments

ELECTRIC DISCHARGES
Distribution of the temperature and concentration of electrons in the spark discharge channel V. F Egorova and others. Zhur. tekh. fiz. 32 no. 3:336-345 Mr '62.
Investigation of the discharge caused by a traveling electromagnetic wave. R. A Demirkhanov and others. Zhur. tekh. fiz. 32 no. 3:313-321 Mr '62

ELECTRIC DRIVING
Automatic regulation of the voltage of synchronous generators feeding frequency controlled drives. D. V. Vilesov. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no. 2.36-41 Mr-Ap '62.
Magneto-transistor amplifier. I. M. Stoliarov. Vest. elektroprom. 33 no. 4.51-54 Ap '62.
Stabilization of the speed of electric motors using relaxation generators [with summary in English]. M I. Londer. Avtom. i telem. 23 no. 4:447-452 Ap '62
Study of a tachometer bridge operating as a speed transducer V I. Ankhimiuk, G. P. Sheina. Izv vys. ucheb zav , energ. 5 no 3 39-42 Mr '62.

ELECTRIC ENGINEERING
Points from trade journals. Energetik 10 no. 4:35-36 Ap '62.

ELECTRIC ENGINEERING—ABSTRACTS
[Electrical engineering and electric power] Ref. zhur. Elektrotekh. i energ. nos. 8-10 Mr-My '62. Predmetnyi ukazatel' za 1961 g.

ELECTRIC ENGINEERING—HANDBOOKS, MANUALS, ETC.
[Electrician's manual] Spravochnoe posobie elektromontera. 2., perer. izd. Pod red. A. I. Rutskogo. Minsk, Gos. izd-vo BSSR, Red. nauchno-tekhn. lit-ry, 1961. 377 p.
Glaz, A. I. [Manual for beginning electricians] Spravochnik molodogo elektrotekhnika. Pod red. B. V. Getlinga. 3. izd., ispr. Moskva, Profizdat, 1961. 403 p.
Neiman, L. R., and K. S. Demirchian. [Laboratory manual on electromagnetic fields] Rukovodstvo k laboratorii elektromagnitnogo polia. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 219 p.

ELECTRIC ENGINEERING—LAWS AND LEGISLATION
New instructions. Pozh. delo 8 no 4:9 Ap '62.

ELECTRIC ENGINEERING—SAFETY MEASURES
Selecting the type of electric motors for ammonia refrigerating systems L. IA Shapiro. Khol. tekh 39 no. 2 49-52 Mr-Ap '62.

ELECTRIC ENGINEERING—STUDY AND TEACHING
Methods of training rural electricians. IU. E. Durasevich. Shkola i proizv. 6 no. 3:51-56 Mr '62.
Teaching the theoretical basis of electric engineering. IU. A. Kustov. Shkola i proizv. 6 no. 3:23-26 Mr '62.

ELECTRIC EQUIPMENT INDUSTRY
(see also subdivision under Leningrad; Moscow)
Development of the electrical equipment industry within the Leningrad Economic Council. V. V. Afanas'ev. Vest. elektroprom. 33 no. 4:1-2 Ap '62.

ELECTRIC EQUIPMENT INDUSTRY—QUALITY CONTROL
(see also subdivision under Moscow)
Care should be taken not to violate the honor of the trademark of a factory. D. G. Beloded. Avtom., telem. i sviaz' 6 no. 4:41 Ap '62.

ELECTRIC FANS see Fans, Electric

ELECTRIC FIELDS
Analytic determination of charged-particle trajectories in plane electrostatic fields. E. S. Kochanov. Zhur. tekh. fiz. 32 no. 3:294-302 Mr '62.
Characteristics of luminescence under the action of an electric field. M. V. Fok. Izv. AN SSSR. Ser. fiz. 26 no. 4 463-467 Ap '62.
Isothermal acceleration of a one-dimensional flow of a plasma within external transverse uniform magnetic and electric fields. V. M. Sarychev. PMTF no. 1:12-14 Ja-F '62.
Method for calculating internal electric field gradients in complex dipole structures. V. N. Liubimov, IU. N. Venevtsev, G. S. Zhdanov. Kristallografiia 7 no. 2:228-233 Mr-Ap '62.

ELECTRIC FIELDS (Continued)

Noiman, L. R., and K. S. Demirchian. [Laboratory manual on electromagnetic fields] Rukovodstvo k laboratorii elektromagnitnogo polia. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 219 p.

Possibility for the intensification of ultrasound in semimetals in an electric field. R. F. Kazarinov, V. G. Skobov. Zhur. eksp. i teor. fiz. 42 no. 3:910-913 Mr '62

Some problems of the motion of electrons in high electric and magnetic fields. A. Teshabaev. Izv. AN Uz. SSR. Ser. fiz.-mat. nauk 6 no. 1:53-59 '62

ELECTRIC FILTERS

Noise about noise storage in devices with delayed feedback. IU. S. Lezin. Radiotekh. i elektron. 7 no. 5 917-916 My '62.

Panasenko, V. A. [Filter protection of electric equipment in mines] Filtrovaia zashchita shakhtnogo elektrooborudovaniia. Moskva, Gosgortekhizdat, 1962. 26 p.

Pre-emphasis of electrical signals in linear systems. A. I. Naidenov. Izv. vys. ucheb. zav., radiotekh. 4 no. 6 721-723 N-D '61.

Synthesis of an electric filter based on the series connection of an RC network and an amplifier with an RC feedback loop. Ten Nai-d'iun, [T'ien Nai-tiun]. Elektrosviaz' 16 no. 3 32-41 Mr '62.

ELECTRIC FREQUENCY MEASUREMENTS see Frequency measurements

ELECTRIC FURNACES
(see also subdivision under United States)

Borovik, Z. G. [Technological innovations for saving electric power] Tekhnicheskie usovershenstvovaniia dlia ekonomii elektroenergii. Pod red. A. V. Kovalenko. Moskva, Mashgiz, 1961. 30 p. (Biblioteka mashinostroitelia. Seriia: Za ekonomiiu metallov i elektroenergii)

Electromagnetic mixing system in an 80-ton electric-arc furnace. E. A. Boldina and others. Vest. elektroprom. 33 no. 4:43-49 Ap '62.

Problems concerning the methodology for designing electric ore-smelting furnaces. I. I. Moroz. Prom. energ. 17 no. 4:38-42 Ap '62.

Service of concrete on a base of high-alumina cement in electric furnace arches. M. N. Kaibicheva, L. IA. Pivnik, N. I. Mar'evich. Ogneupory 27 no. 4:166-171 '62.

ELECTRIC GENERATORS

Automatic regulation of the voltage of synchronous generators feeding frequency controlled drives. D. V. Vilasov. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no. 2:36-41 Mr-Ap '62.

Certain special features of the complex motion of the rotors of synchronous generators in electric power plants. G. F. Kozlovskii, G. V. Mikhnevich. Elektroenergetika no. 5. 3-13 '62

Counter revolution, essay. L. Vladimirov. Moskva 6 no. 1. 170-178 '62.

Moleshkin, G. A. [Self-controlled synchronous voltage generators for ships] Sudovye sinkhronnye generatory s samoregulirovaniem napriazheniia. Moskva, Izd-vo "Morskoi transport," 1962. 76 p.

ELECTRIC HEATING

T. F. Blagushko's elements produce an inexpensive heat. L. IUr'ev. Izobr. i rats. no. 4:17-19 Ap '62.

ELECTRIC INDUSTRIES see subdivision under Armenia; Moscow

ELECTRIC INDUSTRY WORKERS—CONGRESSES

Seminar and conference of the workers of the electric lighting equipment industry. V. L. Gromova. Svetotekhnika 8 no. 4. 26-27 Ap '62.

ELECTRIC LAMPS

Discussion of R. A. Nilender's report. B. A. Fabrikant. Izv. AN SSSR Ser. fiz. 26 no. 4 538 Ap '62

Production of luminescent lamps by the Moscow Electric Lamp Factory. R. A. Nilender. Izv. AN SSSR Ser. fiz. 26 no. 4:533-538 Ap '62.

Use of RKS-2 5 lamps in the UF-4 blueprinting machine. I. K. Kotov. Svetotekhnika 8 no. 4 21 Ap '62

ELECTRIC LAMPS, FLUORESCENT see Fluorescent lamps

ELECTRIC LAMPS, INCANDESCENT

Substituting an automobile light bulb for the special SG-2 bulb. R. A. Bazhenov. Geofiz. razved. no. 6. 92 '61

ELECTRIC LIGHT FIXTURES

Luminous ceilings, panels, and strips. G. M. Knorring. Svetotekhnika 8 no. 4 6-17 Ap '62

Standard types of light fixtures. S. G. IUrov. Svetotekhnika 8 no. 4 1-6 Ap '62

ELECTRIC LIGHTING

Engineering and economic indices of electric wiring. L. A. Raitsel'skii. Svetotekhnika 8 no. 4 21-24 Ap '62

Points from foreign trade journals. Svetotekhnika 8 no. 4:31 Ap '62.

ELECTRIC LIGHTING—STANDARDS

Concerning the revision of norms on electric lighting. TS. I. Krol'. Svetotekhnika 8 no. 4 17-21 Ap '62.

Instructions on the assignment of conventional signs for light sources. Svetotekhnika 8 no. 4:25 Ap '62.

ELECTRIC LIGHTING—WIRING

New instructions. Pozh. delo 8 no. 4 9 Ap '62.

ELECTRIC LINES

"Manual on power cables and lines", book review by G. R. Mindlin. Sudostroenie 28 no. 3:73 Mr '62.

We are from the electric line construction land. B. Polianov. Vokrug sveta no. 4:3-6 Ap '62.

ELECTRIC LINES—OVERHEAD

Concerning the joint suspension of electric power distribution lines and wire broadcasting lines on the same poles. N. Anisimov. Prom. energ. 17 no. 4:52 Ap '62.

Possibility of decreasing the insulation level and increasing the voltages of n. c. power transmission lines. A. A. Gritsuk, A. G. Konstantinov. Izv. vys. ucheb. zav.; energ. 5 no. 3:103-106 Mr '62.

Sectional unit (grapnel block). A. K. Larin. Energetik 10 no. 4:31-32 Ap '62

Valve-type multiple unit magnetic discharger for 500 kv. A. I. Bronfman, IU. M. Gutman. Vest. elektroprom. 33 no. 4:29-33 Ap '62.

ELECTRIC LINES—POLES AND TOWERS

New reinforced concrete towers. M. A. Reut. Energ. stroi. no. 25. 72-76 '61.

Screw and anchor piling used as electric power transmission line foundations. L. IA. Bogorad. Energ. stroi no. 25:78-84 '61

Stability and limiting state of the frame work of welded towers for electric lines. V. I. Trofimov. Rasch. prostr. konstr. no. 7:261-280 '62.

ELECTRIC LINES—SAFETY REGULATIONS

Changes and additions to Chapter 1-5 "General requirements of the organization and methodology for work on overhead lines with voltages exceeding 1000 volts" of the "Safety engineering regulations for servicing the electric power systems of industrial enterprises." Prom. energ. 17 no. 4:47-50 Ap '62.

ELECTRIC LINES—TESTING

discharging 35 kv. cables. L. P. Smirkov. [illegible] 4:33-34 Ap '62.

[illegible]TIVES

choke in the rectifying network of an [illegible]ve (double half-wave network). Elektro-[illegible]98-109 '62.

[illegible]TIVES—DESIGN AND CONSTRUCTION

method of calculating the heating of [illegible] machines without plotting time and [illegible]V. M. Shul'pankov. Vest. TSNII MPS [illegible]62.

[illegible]ERY

[illegible]l inductance of the sections on the [illegible] commutation in the presence of sparks. Izv. vys. ucheb. zav.; elektromekh. 5 [illegible]3.

[illegible]y with controlled transistor commutators. [illegible]lektroenergetika no 5:110-119 '62.

[illegible]d at the Leningrad branch of the All-[illegible]Research Institute of Electromechanics [illegible]ov "Elektrosila" Factory. P. M. Ipatov [illegible], elektroprom. 33 no. 4:3-8 Ap '62.

[illegible]ommutation in electrical machinery with [illegible] the capacitance in the collector sections. [illegible]zv. vys. ucheb. zav.; elektromekh. 5 [illegible]2.

[illegible]e of contacts. O. B. Bron. Vest. [illegible]3 no. 4:61-62 Ap '62.

ELECTRIC MACHINERY—ALTERNATING CURRENT

Kazovskii, E. IA. [Transient processes in a. c. machinery] Perekhodnye protsessy v elektricheskikh mashinakh peremennogo toka. Moskva, Izd-vo Akad. nauk SSSR, 1962. 624 p.

ELECTRIC MACHINERY—DIRECT CURRENT

Commutation reaction of the armature of large d. c. machines. V. N. Naidenov, V. V. Magidson. Izv. vys. ucheb. zav.; elektromekh. 5 no. 3:269-278 '62.

Concerning the two-way windings of d. c. machines. Z. Cherzhovskii. Izv. vys. ucheb. zav.; elektromekh. 5 no. 3:349-353 '62

Measurement of the temperature of the armature windings of d. c. machinery. IU. M. Sorokin. Vest. elektroprom. 33 no. 4 58-61 Ap '62.

Present-day theory of the commutation of d. c. machinery. O. G. Vegner. Izv. vys. ucheb. zav.; elektromekh. 5 no. 3:341-348 '62

ELECTRIC MACHINERY—WINDINGS

Vasil'eva, E. M. [Saturation of the wound parts of electrical machines with the 321-T water-emulsion lacquer] Propitka vodoemul'sionnym lakom 321-T namotochnykh uzlov elektricheskikh mashin. Leningrad, 1961. 15 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Pribory i elementy avtomatiki, no. 16)

ELECTRIC MACHINERY, SYNCHRONOUS

Concerning inductive impedances of a synchronous machine. A. D. Drozdov. Izv. vys. ucheb. zav.; elektromekh. 5 no. 3:336-340 '62.

Varying magnetic fields in inductor machines. G. M. Khutoretskii and others. Vest. elektroprom. 33 no. 4. 21-26 Ap '62.

Vector diagrams and inductive impedances of a synchronous machine. A. I. Vol'dek. Izv. vys. ucheb. zav.; elektromekh. 5 no. 3:329-337 '62.

ELECTRIC MEASUREMENTS

Determining the speed-up rate of the rotor of a gyroscope motor. A. I. Chizhov. Trudy MATI no. 52-60-64 '61.

ELECTRIC METAL CUTTING

Levinson, E. M. [Electric spark machining of metals] Elektroerozionnaia obrabotka metallov. [Leningrad] Lenizdat, 1961. 183 p. (V pomoshch' molodym rabochim)

Plasma-arc cutting. V. P. Likhoded, I. I. Nazarenko. Mashinostroenie no. 2:61-64 Mr-Ap '62.

ELECTRIC METERS

Precision-type electronic devices. Prom. energ. 17 no. 4:54 Ap '62.

Reliability of electric meters. Priborostroenie no. 3: 30-31 Mr '62

Universal device for electricians. V. T. Chekmenev, V. I. Kostygov. Prom. energ. 17 no. 4:28-29 Ap '62

ELECTRIC MOTORS

Dynamics of a step-by-step motor with current "cutoff". D. S. Boeiaov, A. E. Kobrinskii. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no. 2:140-147 Mr-Ap '62.

Electric motor with a printed rotor winding. Avt. transp. 40 no. 4:59 Ap '62.

Redesign of the bearing assemblies of electric motors manufactured by the "Gants" Factory. V. A. Zheits. Energetik 10 no. 4 28 Ap '62.

ELECTRIC MOTORS—DESIGN AND CONSTRUCTION

Some problems in the technology of the manufacture of miniature electric motors. A. A. Parfent'ev, TS. N. Lipchin. Av. prom. 28 no. 8:3-7 '57.

ELECTRIC MOTORS—EQUIPMENT AND SUPPLIES

Improved KMZ-2 control button. S. P. Kokorev. Prom. energ. 17 no. 4:27-28 Ap '62.

ELECTRIC MOTORS—TESTING

Performance of the electric motors of home refrigerators under conditions of increased and reduced voltage. I. N. Krugliak. Khol. tekh. 39 no. 2 45-49 Mr-Ap '62

ELECTRIC MOTORS—WINDINGS

Aging of mica paper tape in the insulation of traction engine windings. A. S. Dkvortsov. Vest. TSNII MPS 21 no. 2:22-23 '62.

ELECTRIC MOTORS, DIRECT CURRENT

Generalized characteristics of small d. c. motors with series excitation. B. V. Frolov. Vest. elektroprom. 33 no. 4:55-58 Ap '62.

ELECTRIC MOTORS, INDUCTION

Asynchronous motors with aluminum windings of the A and AK series having power ratings of 100 to 1000 kw. P. K. Kartsev, V. E. Matiukov. Vest. elektroprom. 33 no. 4:19-21 Ap '62.

Determination of the frequency characteristics of an asynchronous motor with frequency regulation. K. P. Kotrikov. Izv. vys. ucheb. zav.; elektromekh. 5 no. 3:277-284 '62.

Man is omnipotent. Mykhailo Sirenko. Ukraina no 18-19 My '62.

Method for braking asynchronous electric motors in a network with a single-armature converter with transistor rectifiers. L. A. Radchenko. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no. 2:42-46 Mr-Ap '62.

ELECTRIC MOTORS, INDUCTION (Continued)
Transfer function of a servo system with two-phase asynchronous motors [with summary in English], N. P. Vlasov. Avtom. i telem. 23 no. 4:461-466 Ap '62

Use of asynchronous machine and rectifier stages in the mining industry. N. I. Alekseev Gor. zhur. no 4:45-49 Ap '62.

ELECTRIC MOTORS, SYNCHRONOUS
Prevention of the "sticking" of MS-324-7/30 synchronous motors. IU. M. Golodnov. Prom. energ. 17 no. 4:26-27 Ap '62.

ELECTRIC NETWORKS
Analysis of a. c. voltage regulators serving as passive four-terminal networks IU. V. Smirnov Izv. vys. ucheb. zav. elektromekh. 5 no 3:298-307 '62.

Concerning a certain class of networks consisting of functional elements (formulas with partial memory). O. B. Lupanov. Prob. kib. no. 7:61-114 '62.

Concerning a certain generalization on electron-tube circuits. E. IU. Zakhar'eva. Prob. kib. no. 7 43-59 '62.

Concerning a certain method for decreasing the inertness of networks with thermal transducers. V. S. Popov. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no. 2:160-161 Mr-Ap '62.

Frequency methods for calculating the steady-state oscillations in a nonlinear network. A. P Millutin. Elektroenergetika no. 5 33-54 '62.

Loikand, M. S. [Design of vacuum-type resistance furnaces and their networks] Konstruktsii vakuumnykh elektropechei soprotivleniia i ikh uzlov. Moskva, Gos. izd-vo, 1961. 111 p. (Biblioteka elektrotermista, no. 8)

Parametric excitation of oscillations in a three-phase balanced nonlinear network with delta connected secondary windings. V. A. TSvetkov. Elektroenergetika no. 5: 129-135 '62.

Pre-emphasis of electrical signals in linear systems. A. L. Naidenov. Izv. vys. ucheb. zav., radiotekh. 4 no. 6:721-723 N-D '61.

Problem concerning the calculation of the resulting matrix of series connected four-terminal networks. L. R. IAvich. Elektrosviaz' 16 no. 4:70-71 Ap '62.

Statistical evaluation of loss probability and other characteristics of switching circuits. G. P. Basharin. Elektrosviaz' 16 no. 3 41-48 Mr '62.

Use of Laplace transformations method in systems with variable rl parameters. V. A. Taft. Elektroenergetika no. 5:14-32 '62.

Venikov, V. A. [Examples and illustrations of transient processes in electric systems] Perekhodnye protsessy elektricheskikh sistem v primerakh i illiustratsiiakh, [By] V. D. Anisimov i dr. Moskva, Gos. energ. izd-vo, 1962. 383 p.

ELECTRIC OSCILLATORS see Oscillators, Electric

ELECTRIC POWER
Borovik, Z. G. [Technological innovations for saving electric power] Tekhnicheskie usovershenstvovaniia dlia ekonomii elektroenergii. Pod red. A. V. Kovalenko. Moskva, Mashgiz, 1961. 30 p. (Biblioteka mashinostroitelia. Serila: Za ekonomiiu metallov i elektroenergii)

Khimki, TSentral'nyi nauchno-issledovatel'skii institut mekhanizatsii i energetiki lesnoi promyshlennosti. [Materials of the enlarged session of the Scientific Council of the Central Scientific Research Institute for Mechanization and Power Engineering in Lumbering on problems concerning power engineering and the electrification of the lumber industry] Materialy rasshirennoi sessii Uchenogo soveta TsNIIME po voprosu energetiki i elektrifikatsii lesnoi promyshlennosti. Moskva, 1961. 76 p.
(DA)

ELECTRIC POWER—ABSTRACTS
Electrical engineering and electric power] Ref. zhur.; Elektrotekh. i energ. nos. 6-10 Mr-My '62. Predmetnyi ukazatel' za 1961 g.

ELECTRIC POWER—PERIODICALS see subdivision under Karpinsk

ELECTRIC POWER DISTRIBUTION
(see also subdivision under Donets Basin)
A-shaped 10/0.4 kv. transformer tower station. N. N. Beliakov. Energetik 10 no. 4:30-31 Ap '62.

Classification of current consuming points in hydraulic construction according to the degree of reliability. B. Z. Umanskii. Gidr. stroi. 32 no. 4:50-51 Ap '62.

Concerning the engineering requirements of the electric power supply to industrial enterprises. A. B. Minevich. Prom. energ. 17 no. 4:35 Ap '62.

Concerning the time duration a power transformer may remain in an inoperative state. S. V. Alekseev. Energetik 10 no. 4:34 Ap '62.

Experience in operating transformer switching devices with voltage regulation under a load. V. P. Kasiura. Energetik 10 no. 4:25-26 Ap '62.

Principal problems concerning the design of electric power supply systems of large industrial enterprises. IU. M. Zakharov. Prom. energ. 17 no. 4:30-33 Ap '62.

Problems concerning the improvement of the design of electric power supply systems for large industrial enterprises. V. A. Kozlov. Prom. energ. 17 no. 4:34-35 Ap '62.

Use of the "transmission system phase angle" parameter as an approximation criteria of the stability of an electric power transmission line. A. A. Kriukov. Elektroenergetika no. 5.136-140 '62.

ELECTRIC POWER DISTRIBUTION—ALTERNATING CURRENT
Minimum loss conditions in a line with regulated transverse compensation. M. S. Libkind, K. P. Meshcheriakov. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no. 2:28-35 Mr-Ap '62.

ELECTRIC POWER DISTRIBUTION—EQUIPMENT AND SUPPLIES
Kamnev, V. N. [Installation and servicing of secondary commutation systems] Montazh i obsluzhivanie ustroistv vtorichnoi kommutatsii. Moskva, Vses. uchebno-pedagog. izd-vo Profitekhizdat, 1962. 499 p.

Points form trade journals. Prom. energ. 17 no. 4:53 Ap '62.

ELECTRIC POWER DISTRIBUTION—HIGH TENSION
Engineering and economic indices of d. c. power transmission lines with intermediate power take-off. M. M. Aksel'rod, S. S. Rokotian. Elektroenergetika no. 5 120-128 '62.

International Conference on Large Electric Systems. 18th, Paris, 1960. [Super-high voltage power transmission lines] Linii elektroperedachi sverkhvysokogo napriazheniia; doklady Mezhdunarodnoi konferentsii po elektricheskim sistemam (CIGRE) 1960 g. Pod red. S. S. Rokotiana. Moskva, Gos. energ. izd-vo, 1961. 327 p.

New principle for designing an internal overvoltage limiting discharger. V. N. Borisov. Elektroenergetika no. 5.55-66 '62.

Use of a metallic thermistor for limiting internal overvoltages. M. S. Libkind, Tan' Tse-u [T'an Tse-wu] Elektroenergetika no. 5.67-73 '62

ELECTRIC POWER DISTRIBUTION—SAFETY REGULATIONS
Concerning the grounding of electrical equipment installed on grounded structures. M. R. Naifel'd. Energetik 10 no. 4:34 Ap '62.

Installation of unshielded 380/220 v. power distribution boards with exposed current conducting parts. P. V Filimonov. Energetik 10 no. 4:34 Ap '62.

Russia (1923- U. S. S. R.) Glavnoe energeticheskoe upravlenie. [Safety regulations for operating and servicing the electric power systems of industrial enterprises; obligatory for industrial enterprises, economic councils, ministries, and governmental agencies] Pravila tekhnicheskoi ekspluatatsii i bezopasnosti obsluzhivaniia elektroustanovok promyshlennykh predpriiatii; obiazatel'ny dlia promyshlennykh predpriiatii sovnarkhozov, ministerstv i vedomstv. Utverzhdeny 10 fevralia 1961 g. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1962. 349 p.

ELECTRIC POWER PLANTS
(see also subdivision under Bereza; Narva region; Sweden; United States; Zmiyev)
Certain special features of the complex motion of the rotors of synchronous generators in electric power plants. G. F. Kozlovskii, G. V. Mikhnevich. Elektroenergetika no. 5:3-13 '62.

Experience in adjusting pneumatic combustion control networks according to the "Heat-fuel" system. M. M. Lobanov. Energetik 10 no 4:21-23 Ap '62.

Maksimov, A. G., and V. N. Molokov. [Choice of site for a thermal electric power plant; engineering and economic considerations] Vybor ploshchadki dlia teplovoi elektrostantsii; tekhniko-ekonomicheskie obosnovaniia. Moskva, Gos. energoizdat, 1962. 173 p.

Selecting tower cranes for assembling the main buildings of large thermal electric power plants. A. A. Gusakov. Izv. vys. ucheb. zav.; stroi. i arkhit. 5 no. 1:91-96 '62.

ELECTRIC POWER PLANTS—COLD WEATHER OPERATIONS see subdivision under Nazarovo

ELECTRIC POWER PLANTS—DESIGN AND CONSTRUCTION
(see also subdivision under Dnieper Valley; Narva region; Ural Mountain region)
Manufacturing technology of three-layer wall panels from mesh-reinforced concrete. G. A. Sadovnikov. Energ. stroi. no. 25:31-35 '61.

Need for the publishing of a "Manual on the preparation of organization plans for the construction of thermal electric power plants." IA. V. Gel'fenbein. Energ. stroi. no. 25.94-96 '61.

Vibratory stamping of reinforced concrete structures for thermal electric power plants. M. M. Novikov, N. V. Miakoshin, K. I. Paylov. Energ. stroi. no. 25:35-39 '61.

ELECTRIC POWER PLANTS—EQUIPMENT AND SUPPLIES
(see also subdivision under United States)
Concerning the power supply network of reserve controllers manufactured by the "Komega" Factory. V. V. Vasil'ev. Energetik 10 no. 4:23-24 Ap '62.

Determining the optimum value of the heating coefficient for heat and electric power plants. A. I. Korneichev, V. M. Bykov. Teploenergetika 9 no. 5:28-31 My '62.

Practice of starting-up the auxiliary equipment of a machine room I. G. Epshtein Energetik 10 no 4 18-19 Ap '62.

Proposal for the manufacture, design, and assembly of fittings for thermal electric power plants. D. IA IArosh Energ. stroi no. 25.96 '61

System using a turning lathe for making valve vents. V. F. Steshenko Energetik 10 no. 4.17-18 Ap '62.

ELECTRIC POWER PLANTS—FIRES AND FIRE PREVENTION see subdivision under Shatura region

ELECTRIC POWER PLANTS—SAFETY REGULATIONS
Barskii, M. P. [Safety manual for operators of mobile electric power plants] Pamiatka po tekhnike bezopasnosti dlia mashinista peredvizhnykh elektrostantsii. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960, 21 p. (Tekhnika bezopasnosti)

ELECTRIC POWER PRODUCTION
Electric ocean. T. Zolotarev. Znan sila 37 no. 4:4-9 Ap '62.

Selecting an optimal design for the use of wood waste for power production and chemical products. M. S Zaretskii, S. I. Golovkov. Trudy TSNIIME no. 27:3-53 '61.

ELECTRIC POWER SUPPLY TO APPARATUS
Automatic regulation of the power supply of SPD-59 apparatus. S. I. Khramchenkov. Avtom., telem. i sviaz' 6 no. 4 36-39 Ap '62.

Automatically controlled E-3R and E-7R diesel-generator units for wire-broadcasting stations. P. A. Sul'g. Vest. sviazi 22 no. 4:10-12 Ap '62.

Eidel'man, L. IA. [Asymmetry of the power supply bridges of telephone stations] Asimmetriia pitaiushchikh mostov telefonnykh stantsii. Moskva, Sviaz'izdat, 1962. 121 p.

The PPT-2 converter. B. Kotov Radio no 4:54 Ap '62.

ELECTRIC PROSPECTING
Effect of nonuniformity of rocks in electric profiling. A. V. Veshev. Vop. rud. geof no. 2 36-55 '61.

Electric field over a complex vertical polarized conducting sphere. G. A. Tarasov Vop. rud geof. no 2 61-67 '61

Expediency of the use of differential transformations in electric prospecting. B. I. Rabinovich, A F Bukhmastov. Geol. i geofiz. no 1 122-126 '62.

Factors determining the generation of a natural electric field in sulfide deposits. G. B. Svashnikov. Vop. rud. geof. no. 2:66-76 '61.

Field of a submerged point source when a contact is present. A. F Fokin. Vop rud geof. no. 2:56-60 '61.

Geologic basis for using electric prospecting in the search for potassium salts in the cis-Carpathian region. K. B. Donchenko. Geol. zhur. 22 no. 2:90-94 '62.

Increasing the efficiency of electric profiling in geological mapping. I. M. Blokh Razved. i okh. nedr 28 no. 3: 30-35 Mr '62.

Selecting the resistivity of an intermediate anisotropic layer in interpreting vertical electric sounding curves. G. N. Antishchenko. Izv AN Turk SSR. Ser. fiz.-tekh., khim. i geol. nauk no. 2:28-32 '62.

Some results of radio wave logging in Central Ural iron-ore deposit. A. A. Grachev, A. D. Petrovskii. Geofiz. razved. no. 6:72-83 '61.

Using geoelectric methods for studying karst as revealed by the studies carried out in the Vorontsovskiye caverns. I. A. Brashnina. Inform. sbor. Mezhd. kom. po izuch. geol. geogr. kar. no. 1.164-173 '60.

Using vertical electric sounding for the study of seasonal freezing and thawing of grounds. F. N. Leshchikov. Geol. i geofiz. no. 1:143-146 '62.

ELECTRIC PROTECTION
Increase in
electrifie
by lightni
Avtom.
New prin
limiting
no. 5:55
Study of
G. A. M
energ.
Use of a
voltage
Elektro
Value-ty
A. I. Br
no. 4:29

ELECTRIC
Work and
'61.

ELECTRIC
Electric
M. N. B

ELECTRIC
Construc
power s
road M
no. 25:6

ELECTRIC RAILROADS – CURRENT SUPPLY (*Continued*)

Decrease in the interference generated by mercury rectifiers. IU. A. Morozov. Vest. elektroprom. 33 no. 4 49-51 Ap '62.

Elements of the theory of a traction transformer with regulation at the higher voltage end. I. V. Glukhov. Izv. vys. ucheb. zav.; elektromekh. 5 no. 3:285-297 '62

ELECTRIC RAILROADS—RAILS

Mechanized hard facing of streetcar rail heads. IU. A. IUzvenko, IU. P. Gumeniuk. Avtom. svar. 15 no. 5 68-72 My '62.

ELECTRIC RAILROADS—SUBSTATIONS

Distribution of compensation devices in power supply systems. A. I. Tamazov. Vest. TSNII MPS 21 no. 2 19-21 '62.

[Systems and operation of a. c. traction substations] Ustroistvo i ekspluatatsiia tiagovykh podstantsii peremennogo toka. [By] E. IA. Afanas'eva i dr. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1962. 237 p.

ELECTRIC RELAYS

Concerning a canonical method for the synthesis of switching circuits [with summary in English]. A. Sh. Blokh. Avtom. i telem. 23 no. 4 503-508 Ap '62.

Electromagnetic time relay. P. N. Zhil'tsov. Avtom., telem. i sviaz' 6 no. 5 44 My '62.

Electronic power relay for regulating the temperature of bars. D. I. Romanov. Trakt. i sel'khozmash. 32 no. 4: 45-48 Ap '62.

Increase in the operating speed of certain third-order relay systems. A. A. Pavlov. Izv. AN SSSR. Otd. tekh. nauk, Energ. i avtom. no. 2:59-71 Mr-Ap '62.

ELECTRIC RESONATORS

Problem concerning the bilateral evaluation of the natural frequencies of hollow electromagnetic resonators. V. V. *Nikol'skii*. *Radiotekh. i elektron.* 7 no. 5:907-911 My '62.

ELECTRIC SHOCK

Caution, electric current. M. Mirskii. Sem'ia i shkola 17 no. 4:47-48 Ap '62.

ELECTRIC SPARK

Investigation of the spark channel. B. N. Gorin, A. IA. Inkov. Zhur. tekh. fiz. 32 no. 3:329-337 Mr '62.

Spark channel ruptures occurring when discharges succeed each other at a high frequency. M. P. Vaniukov, V. I. Isaenko, G. N. Travleev. Zhur. tekh. fiz. 32 no. 3: 373-374 Mr '62

ELECTRIC SUBSTATIONS

(see also subdivision under Sverdlovsk)

Experience in operating the equipment of a 110 kv. substation. A. P. Ivleev. Energetik 10 no. 4 29-30 Ap '62

ELECTRIC SUBSTATIONS—EQUIPMENT AND SUPPLIES

Use of the new aluminum hollow wires as busbars for an outdoor 500 kv substation. G. S. Dutkin, P. I. Roshchin. Energ. stroi. no 25:90-92 '61.

ELECTRIC SUBSTATIONS—MAINTENANCE AND REPAIR

A service tower for cleaning the equipment of electric substations. M. V. Khomiakov. Prom. energ. 17 no. 4: 53 Ap '62.

ELECTRIC SWITCHGEAR

Experience in operating transformer switching devices with voltage regulation under a load. V. P. Kasiura. [illegible] 26 Ap '62.

Study of charging processes in a voltage doubling circuit. G. I. Kitaev. Izv. vys. ucheb. zav., energ. 5 no. 3 10-16 Mr '62

ELECTRIC TRANSFORMERS—MAINTENANCE AND REPAIR

Repair of OM-type transformers by the railroad districts. D. S. Karetnikov. Avtom. telem. i sviaz' 6 no. 5:30-33 My '62.

Replacement of insulators without removing the core in transformers with ratings up to 5,600 kv -a. V. K. Voitov. Energetik 10 no. 4:26-27 Ap '62

ELECTRIC TRANSFORMERS—SAFETY REGULATIONS

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Instructions (SN 171-61) for checking the state of the electrical insulation of transformers prior to placing them in operation] Instruktsiia po kontroliu sostoianiia izoliatsii transformatorov pered vvodom v ekspluatatsiiu (SN 171-61). Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 31 p.

ELECTRIC TRANSIENT PHENOMENA see Transients (*Electricity*)

ELECTRIC WELDING

"Blue flame" by I. Soldatenko, M. Soroka. Reviewed by B. Rohoza. Znan ta pratsia no. 4,10 Ap '62

Characteristics of contact butt welding of hot ingots. S. I. Kuchuk-IAtsenko, V. T. Chelednichok. Avtom. svar. 15 no. 5:25-30 My '62.

Drop transfer of the electrode metal during the electric slag melting of large diameter electrodes. M. M. Kliuev, V. V. Toptiin, E. V. Voinovskii. Avtom. svar. 15 no. 5: 44-48 My '62

Electric slag welding of a conical crusher shaft. V. M. Khrundzhe, S. IA. Shekhter. Avtom. svar. 15 no. 5:72-77 My '62.

Paton, E. O. [Selected works in three volumes] Izbrannye trudy v trekh tomakh. Kiev, Izd-vo Akad. nauk USSR. Vol. 3. [Welding under flux] Svarka pod flliusom. 1961. 557 p.

Protection of welding machinery against operation on two phases. F. K. Akimenko. Energetik 10 no. 4 27 Ap '62.

Repairing steel castings by welding. V. M. *Davidich*. Mashinostroenie no. 2:122-124 Mr-Ap '62.

Single-pass submerged-arc welding of stabilized austenitic steel. B. I. Medovar, L. V. Chekotilo. Mashinostroenie no. 2:55-57 Mr-Ap '62.

Soldatenko, I. M., and M. A. Soroka. [Blue flame] Holubo polum'ia. Kyiv, Vyd-vo TsK LKSMU "Molod'," 1961. 38 p.

Welding miniature silver contacts. N. Kh. Andreev, P. L. Chulochnikov. Av. prom. 26 no. 8:41-45 '57.

ELECTRIC WELDING—DEFECTS

Correcting cracks in the crater of aluminum alloy welds in argon-arc welding. A. G. Simonik, I. V. Vavulo. Svar. proizv. no. 4:34-35 Ap '62

ELECTRIC WELDING—EQUIPMENT AND SUPPLIES

Bel'for, M. G., and V. K. Lebedev. [Equipment for electric arc and electric slag welding and hard facing] Oborudovanie dlia elektrodugovoi i elektrosliakovoi svarki i naplavki. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1961. 197 p.

Calculating the inductance of the secondary circuit of resistance welding machines. L. V. Glebov. Avtom. svar. 15 *no. 5:31-35 My '62*.

Modernization of the ABS welding head. N. E. Kokhanovskii. Avtom. svar. 15 no. 5:55-56 My '62.

Movable, direct current electric welding machines for mines. G. G. Petrenko. Biul. TSIICHM no. 9:38-39 '60.

Some works of the All-Union Scientific Research Institute of Electric Welding Equipment. N. IA. Kochanovskii. Vest. elektroprom. 33 no. 4:65-68 Ap '62.

ELECTRIC WELDING—TESTING

Deformations of the weld metal in the *crystallization* process during automatic welding. I. M. Zhdanov. Svar. proizv. no. 4:26-28 Ap '62.

ELECTRIC WIRE

Effect of changes in wire diameter on the precision of producing windings. V. P. Chumakov. Av. prom. 26 no. 8:46-49 '57.

ELECTRIC WIRING—EQUIPMENT AND SUPPLIES

Grinberg, G. S., and R. S. Deich. [Electrical installation and wiring materials] Elektromontazhnye izdeliia. Moskva, Gos. energ. izd-vo, 1961. 55 p. (Biblioteka elektromontera, no. 46)

[MICROFILM]

ELECTRIC WIRING, INTERIOR

Concerning the use of concealed wiring in dwellings and public buildings. V. V. Teliat'ev. *Svetotekhnika* 8 no. 4:27 Ap '62.

Engineering and economic indices of electric wiring. L. A. Raitsel'skii. Svetotekhnika 8 no. 4:21-24 Ap '62.

ELECTRICITY—PHYSIOLOGICAL EFFECT

Combined effect of a high-frequency field and X-rays under industrial conditions [with summary in English]. R. N. Vol'fovskaia and others. Gig. i san. 26 no. 5:18-23 My '61.

Effect of electric excitation of some vegetative formations in the subcortex on conditioned reflexes under normal physiological and pathological conditions. A. F. Fokina. Trudy Inst. vys. nerv. deiat., Ser. patofiziol. *no. 9:83-93 '61*.

ELECTRICITY IN AGRICULTURE

Effect of additional electricity on the intensification of microbiological processes in the *rhizosphere* of plants and in fallowed soil. P. V. Kravtsov. Agrobiologiia no. 2:253-257 Mr-Ap '62.

Elagin, V. D. [Plus electrification...] Plius elektrifikatsiia... Moskva, Izd-vo "Znanie," 1962. 47 p. (*Narodnyi universitet kul'tury. Sel'skokhoziaistvennyi fakul'tet*, no. 1)

Making use of electricity in plant growing. V. Buromskii. Vest. sel'khoz. nauki 7 no. 1 152-153 Ja '62

Ways for increasing the effectiveness of farm electrification. I. I. Dorosh. *Pyt. ekon. sil'. hosp URSR no 5*. 43-55 '61.

ELECTRICITY IN LUMBERING

Gas-turbine units for the power plants of lumbering enterprises. P. N. Romanenko. Trudy TSNIIME no 27: 55-60 '61.

Increase of the power factor of electric systems for logging camps. M. E. Boldov. Trudy TSNIIME no. 27. *55-91 '61*.

ELECTRICITY IN MINING

(see also subdivision under Lugansk region)

Analysis of a potentiometric bridge for a relay-type servomechanism. V. T. Zagorodniu, IU. P. Stashinov. Trudy NPI 115 35-45 '61.

Analytical calculation of electric power consumption by *electric locomotives* in pit haulage. V. P. Komlev. Izv. vys. ucheb. zav., gor. zhur. 5 no. 2 135-139 '62.

High-frequency coupling in underground haulage by electric locomotive. V. V. Sviridov. Izv. vys. ucheb. zav., gor. zhur. 5 no. 1 133-137 '62

Phase-sensitive bridge network using variconds. V. T. Zagorodniuk. Trudy NPI 115 55-61 '61.

ELECTRICITY ON SHIPS

Installing electrical equipment on ships. Mor. flot 22 no. 2:47 F '62

"Manual on power cables and lines", book review by G. R. Mindlin. Sudostroenie 28 no. 3:73 Mr '62.

Moleshkin, G. A. [Self-controlled synchronous voltage generators for ships] Sudovye sinkhronnye generatory s samoregulirovaniem napriazheniia. Moskva, Izd-vo "Morskoi transport," 1962. 76 p.

Noncontact system of temperature signalization. A. D. Khaikin, E. P. Shtumpf. Sudostroenie 28 no. 3 28-31 Mr '62.

Universal diagrams for the design of electric drives with semiconductor triodes. IU. P. Petrov. Sudostroenie 28 no. 4:32-35 Ap '62.

Water cooling of ship cable runs. M. IU. Poshersinik. Sudostroenie 28 no. 3, 31-33 Mr '62.

ELECTRICITY ON SHIPS—BIBLIOGRAPHY see Bibliography—Electricity on ships

ELECTRIFICATION

The core of the building of communist economics. Energ. stroi. no. 24:4-10 '61.

The leading role of electrification in the technological progress of the U.S.S.R. and problems of science. M. P. Kostenko. Izv. AN SSSR. Otd. tekh. nauk, *Energ. i avtom.* no. 2:3-8 Mr-Ap '62.

ELECTRIFICATION, RURAL see Rural electrification

ELECTRIFICATION OF RAILROADS see Railroads—Electrification

ELECTROCARDIOGRAPHY

Electrocardiographic changes in experimental glomerulonephritis [with summary in English]. G. G. Gel'shtein, V. A. Kovanev, V. V. Serov. Pat. fiziol. i eksp. terap. 5 no. 6:39-43 N-D '61.

Electrocardiographic equivalents of "systolic" and "diastolic" stress on the ventricles in acquired vitia cordis [with summary in English]. P. L. Gladyshev. Kardiologiia 2 no. 2:24-29 Mr-Ap '62.

Electrocardiographic observations in pulmonary tuberculosis. A. G. Barakova. Vop. pat. krovi i krovoobr. no. 5:161-165 '59.

Materials on electrocardiography in sheep and changes in its indices effected through the central nervous system. IA. M. Skorniakov. Trudy AZVI 9:205-206 '58.

Method for the phase study of cardiac excitability. A. N. Medelianovskii, O. I. Kiselev. Pat. fiziol. i eksp. terap. 5 no. 6:68-72 N-D '61.

Novoselova, R. S. [The electrocardiogram in acute infectious diseases in children] Elektrokardiogramma pri ostrykh infektsionnykh zabolevaniiakh u detei. Moskva, Medgiz, 1962. 179 p.

(DNLM)

Reaction of the heart to intrathoracic surgery during intubation anesthesia (from electrocardioscopic data). L. S. Zhuravskii. Grud. khir. no. 2:81-85 '62.

Size of an electrical systole in hypertension. A. S. Isaegulov, N. N. Kuchin. Izv. AN Kazakh. SSR. Ser. med. i fiziol. no. 1:100-104 '61.

ELECTROCHEMICAL ANALYSIS

Use of radiotracers in the study of the electrolytic separation of metals on a nickel cathode. R. D. Zhitkov, I. A. Kedrinskii. Trudy LTI no 46:197-203 '58

ELECTROCHEMISTRY

Corrosion and electrochemical behavior of zirconium-titanium alloys in hydrochloric acid solutions. V. V. Andreeva, A. I. Glukhova. Zhur. prikl. khim. 35 no. 3 562-567 Mr '62.

Electrochemical behavior of gallium arsenide. Iu. V. Pleskov. Dokl. AN SSSR 143 no. 6:1399-1402 Ap '62

Electrochemical investigation of rhodium and osmium catalyst-electrodes. Report No. 1. T. M. Grishina, G. P. Khomchenko, G. D. Vovchenko. Vest. Mosk. un. Ser. 2:Khim. 17 no. 2:53-56 Mr-Ap '62.

Electron beam volt-amperograph. E. D. Kochman. Izv. vys. ucheb. zav., khim. i khim. tekh. 5 no. 1:166-170 '62.

ELECTRODEPOSITION OF METALS see Electroforming

ELECTRODES

Mechanism of the operation of diffusion electrodes. R. Kh. Burshtein, A. G. Pshenichnikov, N. A. Shumilova. Dokl. AN SSSR 143 no. 6:1400-1412 Ap '62.

ELECTRODES, DROPPING MERCURY

Simultaneous adsorption of surface-active compounds at the mercury - electrolyte interface. G. A. Dobren'kov, R. K. Bankovskii. Izv. vys. ucheb. zav., khim. i khim. tekh. 5 no. 1:75-81 '62

ELECTRODES, MAGNESIUM

Anodic dissolution of magnesium in oxidizing electrolytes. B. M. Bulygin, S. N. Pobedinskii, L. L. Kuz'min. Izv. vys. ucheb. zav., khim. i khim. tekh. 5 no. 1:120-125 '62.

ELECTRODES, MOLYBDENUM

Molybdenum and molybdenum oxide electrodes. V. V. Bardin, V. B. Aleskovskii, A. D. Miller. Trudy LTI no. 48:83-89 '58.

ELECTRODES, OSMIUM

Electrochemical investigation of rhodium and osmium catalyst-electrodes. Report No. 1. T. M. Grishina, G. P. Khomchenko, G. D. Vovchenko. Vest. Mosk. un. Ser. 2:Khim. 17 no. 2:53-56 Mr-Ap '62.

ELECTRODES, PALLADIUM

Mechanism of the reduction and electrolytic reduction of acrylic acid on a Pd electrode. I. I. Kulakova, A. V. Shashkina. Vest. Mosk. un. Ser. 2, Khim. 17 no. 2:36-39 Mr-Ap '62.

ELECTRODES, PLATINUM

Electrodeposition of chromium. Part 1. Using a rotating disk platinum electrode. A. M. Ozerov. Izv. vys. ucheb. zav., khim. i khim. tekh. 5 no. 1 120-132 '62.

Some problems involved in polarographic analysis on solid electrodes. Report No. 1: Methods for polarographic determination using a rotating platinum electrode. I. A. Kedrinskii. Trudy LTI no. 40:56-65 '58.

ELECTRODES, RHODIUM

Electrochemical investigation of rhodium and osmium catalyst-electrodes. Report No. 1. T. M. Grishina, G. P. Khomchenko, G. D. Vovchenko. Vest. Mosk. un. Ser. 2:Khim. 17 no. 2:53-56 Mr-Ap '62.

ELECTROENCEPHALOGRAPHY

Anodic surface polarization effect on motor reaction and on the character of the discharges from individual cortical cells [translated from the English]. Frank Morrell. Fiziol. zhur. 48 no. 3:261-263 Mr '62.

Bioelectrical activity of some subcortical formations during stimulation by a peptone from the interoceptors of the intestines. T. A. Nazarova. Trudy Semipal. med. inst. 2 53-56 '59.

Bioelectrical activity of the brain in Raynaud's syndrome [with summary in French]. A. M. Kiseleva, Z. S. Mel'nitskaia. Zhur. nevr. i psikh. 62 no. 1:70-77 '62.

Change in the bioelectric activity of the various segments of the brain in cats and dogs under the influence of carbon dioxide gas. Iu. N. Ivanov. Fiziol. zhur. 48 no. 3:270-280 Mr '62.

Characteristics of local EEG depression in man following tactile excitation. S. N. Ilneva. Fiziol. zhur. 48 no. 3: 264-270 Mr '62.

Clinical and electroencephalographic studies of atrophic diseases of the brain [with summary in French]. E. IA. Shternberg, G. M. Frenkel'. Zhur. nevr. i psikh. 62 no. 1:114-124 '62.

Comparative effect of substances stimulating and blocking the choline reactive systems on the bioelectrical activity of the cortex and reticular formation of the brain [with summary in English]. P. P. Denisenko. Farm. i toks. 25 no. 1:8-15 Ja-F '62.

Effect of excitation of the cerebral cortex and reticular formation on the rate of blood coagulation, factor V content and change in the electrical activity of the brain. A. A. Markosian, G. A. IAkunin. Fiziol. zhur. 48 no. 3:271-278 Mr '62.

Electrical reactions of the various strata of the cerebellar cortex during the excitation of the visceral nerves. N. V. Bratus'. Fiziol. zhur. 48 no. 3:303-309 Mr '62.

Electroencephalographic characteristics of the functional state of the brain in involutional psychoses [with summary in French]. E. S. Tolmasskaia, R. G. Golodets. Zhur. nevr. i psikh. 62 no. 1:125-131 '62.

Electroencephalographic method for determining the degree of permissible physical training for athletes. G. M. Kukolevskii. Teor. i prak. fiz. kul't. 25 no. 3,67-71 Mr '62

Electroencephalographic studies in vibration sickness caused by the action of general vibration [with summary in English]. P. I. Shpil'berg. Gig. truda i prof. zab. no. 4 14-22 '62

Electroencephalographic study of the cortical representation of the genital system in the process of labor in human subjects. L. I. Lebedeva. Fiziol. zhur. 48 no. 3, 299-302 Mr '62.

Evaluation of conditioned reflex formation by the electroencephalographic method in children with an epileptiform syndrome. K. B. Akhmedov. Izv. AN Kazakh SSR Ser. med. i fiziol. no. 1 46-59 '61

Generalized orientation reactions in the defective stage of schizophrenia [with summary in French]. E. I. Lebedinskaia, I. M. Feigenberg, O. E. Freierov. Zhur. nevr. i psikh. 62 no. 1:90-98 '62.

Importance of electroencephalography in a legal psychiatric practice. I. M. Feigenberg. Sud.-med. ekspert. 5 no. 1:45-51 Ja-Mr '62

Morphological changes in the encephalon of animals following implantation of electrodes. M. M. Aleksandrovskaia. Dokl. AN SSSR 143 no. 6:1442-1444 Ap '62.

ELECTROFORMING

Technical problems in the history of the electrodeposition of metals. O. I. Pavlova. Izv. vys. ucheb. zav.; tsvet. met. 3 no. 2:161-165 '60

ELECTROGASTROGRAPHY

Electrical potential of the stomach in children with peptic ulcer. V. IA. Radionenko. Ped., akush. i gin. 23 no. 6: 16-18 '61

ELECTROKYMOGRAPHY

Electrokymographic study of the pulmonary blood supply during radiotherapy for lung cancer [with summary in English]. V. E. Gel'shtein. Vop. onk. 8 no. 3,26-33 '62

ELECTROLYSIS

Investigating the effect of various factors on current efficiency in the electrolysis of fused lead chloride. A. A. Gal'nbek, A. L. Rotinian. Zhur. prikl. khim. 35 no. 4:787-795 Ap '62.

ELECTROLYTE METABOLISM

Normalization of electrolyte metabolism under the influence of hemodialysis and conservative treatment of acute renal insufficiency. V. A. Agranenko, I. L. Vinogradova. Probl. gemat. i perel. krovi no. 4:37-43 '62.

ELECTROLYTES

Anodic dissolution of magnesium in oxidizing electrolytes. B. M. Bulygin, S. N. Pobedinskii, L. L. Kuz'min. Izv. vys. ucheb. zav., khim. i khim. tekh. 5 no. 1:120-125 '62.

Cohesiveness of plating in the electrodeposition of iron from a chloride electrolyte. M. P. Malkov, M. P. Pankratov, V. A. Babenko. Zhur. prikl. khim. 35 no. 4, 803-807 Ap '62.

Extractive method of purifying a nickel electrolyte from impurities. I. B. Milovanova, S. E. Kreimer, V. N. Rozov. TSvet. met. 35 no. 3:36-42 Mr '62.

Prevention of burns from electrolyte in workers in the mining industry. M. A. Ektimov, I. P. Sosedov. Gig. i san. 26 no. 5 56-60 My '61.

ELECTROLYTIC CORROSION see subdivision under Astrakhan

ELECTROLYTIC POLISHING

Piandrina, T. N. [Electrochemical processing of metals; electrolytic polishing] Elektrokhimicheskaia obrabotka metallov; elektroliticheskoe polirovanie. Pod obshchei red. L. IA. Popilova. Moskva, Mashgiz, 67 p. (Bibliotechka elektrotekhnologa i ul'trazvukovika, no. 4)

Using chemical polishing in the study of diffusion in solids. A. IA. Shiniaev. Zav. lab. 28 no. 3:299-300 '62

ELECTROLYTIC REDUCTION see Reduction, Electrolytic

ELECTROMAGNETIC PROSPECTING

Calculating the effect of the heterogeneity of the sources of anomalies observed in working with low-frequency inductive methods of electric prospecting. Sun Khun-khai [Hsiung Hung-hai]. Izv. vys. ucheb. zav., geol. i razv. 5 no. 3:115-122 Mr '62.

Late stage of generating a magnetic field in layered media. K. P. Korolevn, O. A. Skugarevskaia. Izv. AN SSSR. Ser. geofiz. no. 4,506-513 Ap '62.

New method for solving the principal problem of the theory of dipole electromagnetic soundings. D. N. Chetaev. Geol. i geofiz. no. 2:118-122 '62.

ELECTROMAGNETIC WAVES

Electromagnetic waves in a plasma in the region of ionic cyclotron resonance. L. S. Bogdankevich, A. A. Rukhadze. Zhur. tekh. fiz. 32 no. 3:322-328 Mr '62.

Makhan'kov, V. G. [Excitation of electromagnetic waves in a plasma in which electrons have a directional velocity relative to ions] O vozbuzhdenii elektromagnitnykh voln v plazme, gde elektrony imeiut napravlennuiu skorost' otnositel'no ionov. Dubna, Ob'edinennyi in-t iadernykh issl., 1962, 5 p.

One-dimensional automodel waves moving in a plasma along a magnetic field [with summary in English]. B. A. Tverskoi. Zhur. eksp. i teor. fiz. 42 no. 3 833-838 Mr '62.

Reflection and refraction of electromagnetic waves in case of a moving medium. O. S. Mergelian. Dokl. AN Arm. SSR 34 no. 2:65-70 '62

Theory of a "comb with tapered teeth." E. G. Solov'ev. Radiotekhnika 17 no. 4:34-37 Ap '62.

ELECTROMAGNETIC WAVES—DIFFRACTION

Inclined incidence of a plane wave on a selective reflecting surface. A. M. Model', N. V. Talyzin. Radiotekhnika 17 no. 4:23-33 Ap '62

ELECTROMAGNETISM

Kirko, I. M. [Study of electromagnetic properties in metals by dimensional and similitude methods] Issledovanie elektromagnitnykh iavlenii v metallakh metodom razmernosti i podobiia. Riga, Izd-vo Akad. nauk Latviiskoi SSR, 1959. 184 p. (RPB)

ELECTROMAGNETS

Study of a flat electromagnet for cultivator automation. S. F. Grebennikov. Trudy MIMESKH 4 no. 2:152-164 '59.

ELECTROMECHANICAL ANALOGIES

Gagarina, A. A., and M. D. Golovko. [Using the electric analogy method to study the stress state of large wall slabs] Issledovanie napriazhennogo sostoianiia krupnorazmernykh stenovykh panelei metodom elektricheskikh analogii. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961, 76 p. (Akademiia stroitel'stva i arkhitektury SSSR. Institut stroitel'noi fiziki i ograzhdaiushchikh konstruktsii. Nauchnoe soobshchenie, no. 3)

Simposium held in Kiev on "Principles of the design of self-teaching systems." Probl. kib. no. 7:231-232 '62.

Use of electric models of the process of passing through the resonance by a foundation or a machine with anti-vibration mountings. N. A. Pikulev. Trudy TSNIISK no. 1:104-115 '61.

ELECTROMECHANICAL ANALOGIES—CONGRESSES

Interuniversity conference on the use of physical and mathematical simulation in different branches of engineering. Izv. vys. ucheb. zav., energ. 5 no. 3,109-110 Mr '62.

ELECTROMETALLURGY

Electric slag refining. V. V. Panin. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 2:32-35 Mr-Ap '62.

Prospects for expanding the industrial use of electric power in nonferrous metallurgy. M. M. Lakernik. TSvet. met. 35 no. 3:1-6 Mr '62

ELECTROMOTIVE FORCE

Simultaneous discharge of zinc and hydrogen ions in sulfuric acid solutions. F. K. Bainietova, G. Z. Kir'iakov. Zhur. prikl. khim. 35 no. 4:903-905 Ap '62.

ELECTROMOTIVE FORCE—MEASUREMENT

Method of continuous measurement and recording of the reverse electromotive force magnitude. A. L. Soholev. TSvet. met. 35 no. 3:53-55 Mr '62.

ELECTROMYOGRAPHY

Characteristics of the electromyogram in voluntary muscular contraction in old age [with summary in English]. S. I. Fudel'-Osipova, F. E. Grishko. Biul. eksp. biol. i med. 3[i. e. 53] no. 3:14-19 Mr '62.

Development of the motor innervation of the musculature in various segments of the stomach in rat ontogenesis. Report No. 1. Effect of bilateral subphrenic resection of the vagus nerves on the functional properties of the smooth musculature of the stomach [with summary in English]. S. E. Belen'kaia. Biul. eksp. biol. i med. 3[i. e. 53] no. 3:7-13 Mr '62.

Myographic data on the effect of sports massage. V. V. Ikova. Teor. i prak. fiz. kul't. 25 no. 4 34-37 Ap '62.

ELECTRON BEAMS

Characteristics of electron beam heating during welding. N. A. Ol'shanskii. Avtom. svar. 15 no. 5:18-24 My '62.

Grouping of electron beams according to various frequencies. E. D. Gazazian, E. M. Lezhev. Izv. AN Arm. SSR, Ser. fiz.-mat. nauk 15 no. 2 173-179 '62.

ELECTRON DIFFRACTION EXAMINATION

Electron diffraction examination of the evaporation products of selenium tetrachloride and tetrabromide. P. A. Akishin, V. P. Spiridonov, R. A. Mishulina. Vest. Mosk. un. Ser. 2, Khim. 17 no. 2 33-35 Mr-Ap '62.

Electron diffraction studies of the condensed metal film substructure. M. IA. Fuks, B. T. Botko. Zav. lab. 28 no. 3:300-305 '62

Electron diffraction study of the α-form of poly γ-methyl-L-glutamate [with summary in English]. L. I. Tatarinova, B. K. Vainshtein. Vysokom. soed. 4 no. 2: 261-269 F '62.

ELECTRON EMISSION, SECONDARY see Secondary electron emission

ELECTRON GAS

One-particle excitations in a nondegenerate electron gas [with summary in English]. E. K. Kudinov, S. T. Pavlov. Zhur. eksp. i teor. fiz. 42 no. 3,839-845 Mr '62.

ELECTRON MICROSCOPE

Electron microscopy, a concise survey of the present state of instrument manufacture, some fields of application, and related problems of electron optics. IU M Kushnir Radiotekh i elektron 7 no 5 747-781 My '62.

Problems in electron microscopy at the Seventh International Congress of Anatomists. V. B. Sokolov. Arkh. anat., gist i embr. 40 no. 5 111-117 My '61.

ELECTRON MICROSCOPY

Electron microscope investigation of crystalline poly(vinyl chloride). D. P. Bort and others Dokl AN SSSR 143 no. 6:1345-1347 Ap '62

Electron microscopic study of the structure of oriented polymethylmethacrylate [with summary in English]. S. N. Zhurkov and others. Vysokom. soed. 4 no. 2:282-284 F '62.

New crystal surface decorating technique. G. I Distler, S. A. Dartsina. Kristallografiia 7 no 2:266-270 Mr-Ap '62.

Two-stage method of preparing silver-coal films for electron microscopy. G. F. Dalovskii. Avtom. svar. 15 no. 5:93-94 My '62.

ELECTRON OPTICS

Electron microscopy, a concise survey of the present state of instrument manufacture, some fields of application, and related problems of electron optics. IU. M. Kushnir. Radiotekh. i elektron 7 no. 5:747-781 My '62.

ELECTRON-TUBE OSCILLATORS see Oscillators, Electron-tube

ELECTRON TUBES

Tingunov, G. A. [Electron-tube and transistor devices (physics, fundamental theory, and principal designs)] Elektrovakuumnye i poluprovodnikovye pribory (fizika, elementarnaia teoriia, osnovnye konstruktsii). Moskva, Gos. energ. izd-vo, 1962. 398 p.

ELECTRON TUBES—WELDING

Investigating diffusion welding as applicable to electron tube devices. I. V Afanas'ev, A F. Khudyakov. Avtom svar. 15 no. 5:57-63 My '62.

ELECTRONIC AMPLIFIERS see Amplifiers (Electronics)

ELECTRONIC ANALOG COMPUTERS

Errors of the logarithmic amplitude-time converter in a ratio logarithm meter. N D. Kurtev. Izm. tekh. no 4 33-36 Ap '62.

Investigating and designing a time-pulse multiplier. V. A. Parshinskii. Priborostroenie no. 4:10-12 Ap '62.

Time-pulse multiplier member of a transistorized simulator unit. V. I. Aleksandrin. Priborostroenie no. 4:6-9 Ap '62.

ELECTRONIC ANALOG COMPUTERS—MODELS

"Labyrinth," a computer model. D. M. Komskii. Shkola i proizv. 6 no. 3:81-86 Mr '62.

ELECTRONIC APPARATUS AND APPLIANCES

Medusa as an inventor. G. Novinskii. Znan. sila 37 no. 4:36 Ap '62.

Megahertz in a kitchen. V. I ints. Znan. sila 37 no. 3: 41-43 Mr '62.

ELECTRONIC CALCULATING MACHINES

Accuracy of some transformations of gravity and magnetic fields in calculations on an electronic computer. V. I. Aronov. Geofiz. razved. no. 6:22-41 '61.

Using electronic computers for hydrodynamic calculations of production oil pools V IA. Bulygin. Trudy *VNII* no. 25:126-132 '59

V [illegible]

Voprosy mekhanizatsii inzhenernogo i upravlencheskogo truda; materialy. Moskva, Gosstatizdat, 1961. 575 p.

Zimin, V. A. [Electronic calculating machines; fundamentals of theory, design, and application] Elektronnye vychislitel'nye mashiny; osnovy teorii, raschety i primeneniia Moskva, Mashgiz, 1962 737 p

ELECTRONIC CALCULATING MACHINES—CONGRESSES

Seminar on the use of mathematical methods in new equipment held at the Industrial Technological Research Institute in Gorkiy. Prob. kib. no 7:235 '62.

ELECTRONIC COMPUTER PROGRAMMING see Programming (Electronic computers)

ELECTRONIC CONTROL

The AUS devices in industrial air-conditioning units. G. V. Arkhipov, V. N. Asafov, V. S. Plusenko *Priborostroenie no. 3,4-7 Mr '62.*

Automatic recording of the performance of freight hoisting cranes B. S. Dukhan, V. S. Taradai. Mekh i avtom. proizv 16 no 4:42-43 Ap '62

Determining parameters of correction devices in automatic control systems. T. T. Belousova. Metod. issp. det. i mat. mash. i prib. no. 1:70-84 '61.

Electronic device for controlling cyclic heat treatment. IU. G. Bystrov, IU. I. Paskal'. Priborostroenie no. 3: 26-27 Mr '62.

Kuntsevich, V. M. [Optimalizing control systems] Sistemy ekstremal'nogo upravleniia. Pod red. A. G. Ivakhnenko. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1961. 150 p. (Biblioteka po avtomatike)

Program control of the operations of a wheel-type excavator. A F. Kotov, IA. S. Kravchenko Mekh. i avtom. proizv. 16 no. 4:39-41 Ap '62.

Shatalov, A. S. [Structural methods in the theory of control systems and electronic control] Strukturnye metody v teorii upravleniia i elektroavtomatike. Moskva, Gos. energ. izd-vo, 1962. 407 p.

Unit for automatic control with discrete values, E. L. Kantor. Priborostroenie no. 3:21-22 Mr '62

ELECTRONIC DATA PROCESSING

Functional converter for reading graphical functions from the tapes of self-recording devices. A. I Petrenko Izv. vys. ucheb. zav. ; radiotekh. 4 no 6:711-716 N-D '61.

ELECTRONIC DIGITAL COMPUTERS

Concerning the theory of dynamic processes in a parametron using the capacitance of a p-n junction. V. I. Samoilenko, E. M. Zlochevskii. Izv. vys. ucheb. zav. ; radiotekh. 4 no. 6:640-652 N-D '61.

Control computer for conveyers with automatic addressing of freight. M. G. Kogon, K. N. Svidler. Mekh. i avtom. proizv 16 no. 4:53-56 Ap '62.

Method of rapid precise multiplication of binary numbers on a digital calculating machine L. A. Golubev, L. M. Gorenshtein, M. I. Petrukhin. Priborostroenie no. 3: 7-9 Mr '62.

New Russian mathematical machines. V. I. Loskutov. Lit. proizv. no. 4:8-10 Ap '62.

Some logical systems and indicators for ferrite-transistor devices. F. D. Dubinin. Priborostroenie no. 4: 15-19 Ap '62.

Use of an electronic digital computer for solving a problem related to the differentiation of functions. A. A. [illegible] Prob. kib. no. 7:189-200 '62.

[illegible] computer machines in river transportation. Rech. transp. 21 no. 4:17-18 Ap '62.

[illegible] density method in calculating the motion of particles on electronic computers. S. P. [illegible] AN SSSR 143 no. 6:1309-1312 Ap '62.

[illegible]STRIES see subdivision under

[illegible]STRIES—HYGIENIC ASPECTS

[illegible] a high-frequency field and X-rays under [illegible]ons [with summary in English]. R. N. [illegible] others. Gig. i san. 26 no. 5:18-23

[illegible]STRIES—QUALITY CONTROL

[illegible] complex systems. G. B. Linkovskii. [illegible]zv. vys. ucheb. zav., energ. 5 no. 3:

[illegible]RUMENTS

[illegible]th a relay characteristic. I. N. [illegible]alko. Priborostroenie no. 4:25-26

[illegible]SUREMENTS

[illegible]tic measurement of diameters of [illegible]n lathes. B. K. Makarevich and others. no. 4:73-77 Ap '62.

[illegible]ing device with discrete action for [illegible]aph distortions. K. A. Brusilovskii. [illegible] no. 3:49-54 Mr '62.

Errors in the measurement of time delay characteristics of communication channels taking into account nonlinear distortions A. V. Knipper. Elektrosviaz' 16 no. 4: 33-37 Ap '62

Measuring mean square deviation by means of an electron-ray tube V. N. Zhovinskii Izm tekh no. 4 29-31 Ap '62

New method for measuring the lag in electromagnetic delay lines IU M Otriashenkov. Izm tekh no 4 36-39 Ap '62.

ELECTRONIC TRANSLATING see Machine translating

ELECTRONICS

Encyclopedia "Automation of production processes and electronic engineering." Mekh. i avtom proizv. 16 no. 3 56 Mr '62.

Foreign patents. Elektrosviaz' 16 no. 3:75-76 Mr '62

ELECTRONICS—BIBLIOGRAPHY see Bibliography—Electronics

ELECTRONICS—CONGRESSES

Papers read at the A. S. Popov Scientific and Technical Society for Radio and Electronics. Radiotekhnika 17 no. 4:90 Ap '62.

Third congress of the A. S. Popov Scientific and Technical Society of Radio Engineering and Electronics. L. G. Stoliarov. Radiotekhnika 17 no. 4:77-79 Ap '62.

ELECTRONICS—TERMINOLOGY

Concerning the definition and specific properties of automatic inspection [with summary in English] V. IU. Kneller Avtom. i telem. 23 no. 4:508-518 Ap '62.

ELECTRONICS IN AGRICULTURE

Goncharov, B. P., and B. M. Shlimovich. [Semiconductors in agriculture] Poluprovodniki v sel'skom khoziaistve. Moskva, Izd-vo "Znanie," 1962. 29 p. (Novoe v zhizni, nauke, tekhnike. V Serii: Sel'skoe khoziaistvo, no. 4)

Kiriukhin, A. M. [Automatic control should be used in agriculture on a wide scale] Avtomatiku - v sel'skoe khoziaistvo. Moskva, Izd-vo "Znanie," 1962. 47 p. (Novoe v zhizni, nauke, tekhnike. V Serii: Sel'skoe khoziaistvo, no. 1)

Radio electronics in agriculture. S. Gel'fenbein. Vest. sel'khoz nauki 7 no. 1:150-152 Ja '62.

ELECTRONICS IN MEDICINE see Medical electronics

ELECTRONS

Distribution of the temperature and concentration of electrons in the spark discharge channel. V. F. Ugorova and others. Zhur. tekh. fiz. 32 no. 3:338-345 Mr '62.

Experimental determination of the frequency of electron collisions in a dense plasma. A. I. Anisimov, N. I. Vinogradov. Zhur. tekh. fiz. 32 no. 3:308-312 Mr '62.

Makhan'kov, V. G. [Excitation of electromagnetic waves in a plasma in which electrons have a directional velocity relative to ions] O vozbuzhdenii elektromagnitnykh voln v plazme, gde elektrony imeiut napravlennuiu skorost' otnositel no ionov. Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 5 p.

Nguen Van-kh'eu. [Elastic neutrino and antineutrino scattering on electrons, taking higher approximations into account] Uprugoe rasseianie neitrino i antineitrino na elektronakh s uchetom vysshikh priblizhenii. Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 9 p. [With summary in English]

Radiation force retarding the motion of electron bunches in a microtron [with summary in English] S P. Kapitsa, L. A Vainshtein. Zhur. eksp. i teor. fiz. 42 no. 3:821-830 Mr '62.

Some problems of the motion of electrons in high electric and magnetic fields A. Teshabaev. Izv. AN Uz SSR, Ser. fiz.-mat nauk 6 no. 1:53-59 '62.

Structure of the energy spectrum of electrons in iron-cobalt alloys. V. Nemoshkalenko. Dokl. AN SSSR 143 no. 6:1328-1331 Ap '62.

ELECTRONS—DIFFUSION

Experimental study of the diffusion waves of charged particles in a gas resting in a magnetic field. V. S. Golubev, V. L. Granovskii. Radiotekh. i elektron. 7 no. 5:880-889 My '62.

ELECTRONS—EMISSION

Work function of tungsten carbide. IU. V. Zubenko, I. L. Sokol'skaia. Zhur. tekh. fiz. 32 no. 3:378-380 Mr '62

ELECTROPHORESIS

Effect of the electrophoresis of different substances on the level of intraocular pressure. R. M. TSok. Vest. oft. no. 2:41-46 '62.

Electrophoresis of protein fractions of the blood serum, phagocytosis and tuberculin allergy in tuberculous meningitis in children. IU. S. Ivanovskii. Probl. tub. no. 3:104-111 '62.

Indications for electrophoresis with aloe extract and diathermy in the treatment of postoperative and post-traumatic complications [with summary in English]. L. E. Cherikchi Oft. zhur. no. 2:87-93 '62.

Protein fraction, lipoprotein and glycoprotein content of the blood serum in cancer of the stomach and intestines according to electrophoretic data. M. V. Budianskii. Med. zhur. Uzb. no. 2:66-70 F '62.

ELECTROPHYSIOLOGY

Dynamics of changes in the electric rhythms of the cerebral cortex following lesions of the reticular formation of the brain stem. S. P. Narikashvili, E. S. Menlava. Soob. AN Gruz SSR 26 no. 1:81-86 Ja '62.

Evaluation of the functional significance of electrical responses of the auditory system. Responses to short sounds (clicks) and the determination of the initial moment of the stimulus action. G. V. Gershuni. Fiziol. zhur. 48 no. 3:241-250 Mr '62.

Rhythmic vibrations of the biopotential of the neuromuscular apparatus of the stomach and small intestine. E. A. Krasnov. Trudy Inst. klin. i eksp. khir. AN Kazakh SSR no. 7:110-116 '61.

ELECTROPHYSIOLOGY—CONGRESSES

Symposium on the problem of permeability and biopotentials. S. A. Krolenko, N. N. Nikol'skii. TSitologiia 4 no. 1:98-99 Ja-F '62.

ELECTROPHYSIOLOGY—EQUIPMENT AND SUPPLIES

Small-sized 2-channel transistorized stimulator for the electrical stimulation of biological objects [with summary in English]. V. S. Sinitskov. Biul. eksp. biol. i med. 53[i.e. 53] no. 3:117-120 Mr '62.

ELECTROPLATING

Electric-arc bimetallization. A. N. Riaguzov. Mashinostroenie no. 2:60-61 Mr-Ap '62.

Mechanism involved in the action of surface-active compounds in the electrodeposition of metals studies by the radioactive-tracer technique. S. M. Kochergin, L. L. Khodina. Zhur. prikl. khim. 35 no. 1 909-910 Ap '62

Respublikanskaia konferentsiia khimikov-gal'vanikov, rabotnikov nauki i promyshlennosti. 2d, Vilnius, 1960. [Improvement of electroplated coatings; materials] Voprosy usovershenstvovaniia gal'vanopokrytii; materialy. Vil'nius, In-t khimii i khimicheskoi tekhnologii Akad. nauk Litovskoi SSR, 1961. 122 p.

Surface-leveling action of some nitrogen-containing heterocyclic compounds. N. T. Kudriavtsev and others. Zhur. prikl. khim. 35 no. 4,777-781 Ap '62.

ELECTROPLATING—EQUIPMENT AND SUPPLIES

Kruglova, E. G., and P. M. Viacheslavov. [Control of electroplati... it's and coatings] Kontrol' gal'vanicheskikh vy... pokrytii. Izd. 2., dop. i perer. Moskva, Mashgiz, 1961. 146 p. (Bibliotechka gal'vanotekhnika, no. 12)

ELECTROSTATICS

Force acting on a conducting sphere located in the field of a plane condenser. N. N. Lebedev, I. P. Skal'skaia. Zhur. tekh. fiz. 32 no. 3, 375-378 Mr '62.

ELECTROSURGERY

Electrocoagulation as a method of choice in the surgical treatment of varicose dilatation of the veins of the lower extremities (further observations). V. N. Milostanov. Nov. khir. arkh. no. 3, 33-38 '62.

Trepanocycloganiotomy with diathermocoagulation [with summary in English]. B. A. Tokareva. Vest. oft. no. 2: 24-30 '62.

ELECTROTHERAPEUTICS

Novocaine electrophoretic treatment of wounds. N. A. Barsukov. Veterinariia 38 no. 1:56-57 Ja '61.

ELEKTROSTAL'—RESTAURANTS, LUNCHROOMS, ETC.

We always exceed the requirements of the plan. M. Luchkova. Obshchestv. pit. no. 1:16-18 Ja '62.

ELEMENTARY EDUCATION see Education, Elementary

ELEMENTS, INERT see Gases, Rare

ELEPHANTIASIS

Congenital elephantiasis of the lower extremities. A. N. Reivinskii. Pediatriia no. 4:90-92 '62.

ELEVATORS

"Hydraulic elevators" by B. E. Fridman. Reviewed by S. A. Korzhev. Vest. mash. 42 no. 2:88-89 F '62.

EL'GA VALLEY—GREISEN

Greisens and greisenized rocks of the Alaskite deposit of wolframite. Trudy VSEGEI 60:150-179 '61.

ELLIPSOID

Elementary excitation spectrum and the susceptibility tensor of a ferromagnetic ellipsoid. Men Sian'-ohzhen' [Méng Hsien-cheng]. Fiz. tver. tela 4 no. 3:705-711 '62.

ELLIPTIC FUNCTIONS see Functions, Elliptic

ELODEA

Elodea dances. V. Solfer. Znan. sila 37 no. 3:32-34 Mr '62.

EMASCULATION see Castration

EMBA REGION—PETROLEUM GEOLOGY

Prospects for oil potential in the southern Emba region. G. E. -A. Aizenshtadt, V. L. Berezovskaia, N. U. Imashev. Geol. nefti i gaza 5 no. 4:17-24 Ap '62.

EMBA REGION—WATER, UNDERGROUND

New data on underground waters of the Neocomian of the northern Emba. I. B. Dal'ian, Zh. Sydykov. Izv. AN Kazakh. SSR Ser. geol. no. 4:80-87 '59.

EMBANKMENTS

Problems in the organization of city embankments. T. I. Alekseeva. Izv. vys. ucheb. zav., stroi. i arkhit. 5 no. 1:180-191 '62.

EMBEZZLEMENT see subdivision under Yangi-Yul' (Uzbekistan)

EMBICHINE

Protective effect of novocaine in fractionated X-ray irradiation of animals and during the action of novembichine. Zh. I. Abramova. Vop. onk. 8 no. 3 107-110 '62

EMBOLISM

Thromboembolism of the pulmonary artery. M. G. Shabanova. Vop. pat. krovi i krovoobr. no. 5:154-160 '59.

EMBRYOLOGY

Changes in the ecologic relations of adult worms and the evolution of embryogenesis as exemplified by littoral nemertineans Lineus desori (mihi sp. n.) and Lineus ruber (O. F. Muller, 1774, G. A. Schmidt, 1945 [with summary in English]. G. A. Shmidt. Zool. zhur. 41 no. 2:188-192 F '62.

The sixth day and ... the seventh day. M. Aleksandrov, V. Stepanov. Znan. sila 37 no. 3:26-27 Mr '62.

Their own way. Zh. Bykova. Znan. sila 37 no. 3:26-27 Mr '62.

EMBRYOLOGY—AMPHIBIA

Excitability of the surface layer of the cytoplasma and egg segmentation in fish and Amphibia. A. I. Zotin, B. F. Poglasov. Dokl. AN SSSR 143 no. 5:1233-1236 Ap '62.

EMBRYOLOGY—FISHES

(see also subdivision under Black Sea)

Excitability of the surface layer of the cytoplasma and egg segmentation in fish and Amphibia. A. I. Zotin, B. F. Poglasov. Dokl. AN SSSR 143 no. 5:1233-1236 Ap '62.

Morphology and physiology of the early stages in the development of bony fish; data from the film by Sh. D. Galustia and V. D. Bystrov, "The development of the loach (Misgurnus fossilis." P. G. Svetlov, V. D. Bystrov, G. F. Korsakova. Arkh. anat., gist. i embr. 42 no. 1, 22-37 Ja '62.

EMBRYOLOGY—GALLINAE

"Development of the embryo of the domestic chicken and its correlation with the yolk and membranes of the egg (with tables of the consecutive stages in its development)" by M. N. Ragozina. Reviewed by V. G. Bekhtina and Z. D. Zemtsova. Arkh. anat. gist. i embr. 42 no. 1: 117-120 Ja '62.

EMBRYOLOGY—VERTEBRATES

Sources of the development of the neurons of the sympathetic ganglia of the marginal trunk in the embryogenesis of vertebrates. A. G. Knorre, L. V. Suvorova. Arkh. anat., gist. i embr. 40 no. 5:93-104 My '61.

EMBRYOLOGY, HUMAN

Development of the structure of the vitelline sac in man from the fourth week of growth of embryonic life until birth (Macroscopic data) [with summary in English]. V. B. Fainberg. Arkh. anat., gist. i embr. 42 no. 1:38-45 Ja '62.

Iron in the cells and tissues of early stages of human embryos. IU. N. Shapovalov. TSitologiia 4 no. 1:80-83 Ja-F '62.

Polysaccharides in human tissues during the early stages of ontogenesis [with summary in English] IU. N. Shapovalov. Arkh. anat., gist. i embr. 40 no. 5:34-38 My '61.

Polysaccharides in the tissues of the human embryo during the second month of development [with summary in English]. IU. N. Shapovalov. Arkh. anat., gist. i embr. 42 no. 1:46-53 Ja '62.

EMINENT DOMAIN

Our consultations. B. Zhukov and others. Sov. profsoiuzy 18 no. 8:46 '62.

EMOTIONS

Role of emotional factors in cardiovascular diseases. P. D. White. Klin. med. no. 8:3-5 '61.

EMPLOYEE COUNSELING

A calling. A. Udodenko. Sov. profsoiuzy 18 no. 8:24-25 '62.

EMPLOYEE INCENTIVES see Incentives in industry

EMPLOYEE VACATIONS see Vacations, Employee

EMPLOYEES, DISMISSAL OF

Discharge of unfit employees. E. Klenov. Sots. zakon. 29 no. 3:53-55 Mr. '62.

Examination of disputes concerning the discharge of workers pursuant to the part "d" of Article 47 of the labor code of the R. S. F. S. R. E. Klenov. Sov. iust. no. 6:20-21 Mr '62.

Is the court right? V. Skobelkin. Okhr. truda i sots. strakh. 5 no. 4:42-43 Ap '62.

Our consultations. B. Zhukov and others. Sov. profsoiuzy 18 no. 8:46 '62.

EMPLOYEES, TRAINING OF

"Raising the cultural level and technical qualification of Soviet workers." Reviewed by M. P. Goncharenko, N. F. Naumova. Nauch. dokl. vys. shkoly; filos. nauki 5 no. 2:135-139 '62.

EMPLOYEES, TRANSFER OF

Demotion of workers based on the decisions of fellow workers' courts. Sov. iust no. 6:21 Mr '62.

EMPLOYEES' BUILDINGS AND FACILITIES see subdivision under Narva region

EMPLOYERS' LIABILITY

Adopting rules on the liability of enterprises, institutions, and organizations to compensate workers and employees for damages caused by mutilation or other injuries arising from their work. Biul. Gos. kom. po vop. truda i zar. platy no. 1, 3-12 '62.

Beliakova, A. M. [Liability for personal injuries] Vozmeshchenie vreda, prichinennogo uvech'em. [Moskva] Izd-vo Mosk. univ., 1961. 44 p.

Editor's mail. Okhr. truda i sots. strakh. 5 no. 4 43 Ap '62

In the Supreme Court of the R. S. F. S. R. Okhr. truda i sots. strakh. 5 no. 3, 44 Mr '62

Liability for personal injuries caused by industrial accidents. P. Sedugin. Sov. iust no. 4:2-4 Mr '62

Recent legislative enactments. Rad. pravo no. 2 124-125 Mr-Ap '62.

Regulation of the Presidium of the All-Union Central Council of Trade Unions. Okhr. truda i sots. strakh. 5 no. 3 37 Mr '62.

Rules of compensation payments by plants, institutions and organizations for disabilities incurred by workers and employees in connection with their work. Okhr. truda i sots. strakh. 5 no. 3:34-36 Mr '62.

EMPLOYMENT, PART-TIME see Part-time employment

EMPYEMA

Treatment of acute pyopneumothorax in children by the method of active aspiration [with summary in English] Ch. Dragoichev. Grud. khir. no 2:38-43 '62.

ENAMEL AND ENAMELING

An enameled cross of the 14th century. E. Lapkovskaia. Soob. Gos. Erm. no. 21:14-18 '61.

Kholodilin, N. N. [Enameling of steel and cast iron wares] Emalirovanie stal'nykh i chugunnykh izdelii. Izd. 2., perer. i dop. Pod red. M. I. Emel'ianova. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1962. 350 p.

ENCEPHALITIS

(see also subdivision under Gissar Valley)

State of the vegetative nervous system in an unusual form of vestibular encephalitis. F. B. Berezin. Izv. AN Kazakh SSR. Ser. med i fiziol. no. 2 101-108 '61

Two cases of acute encephalitis in pregnant women. V. A. Gusev. Shor. nauch. rab. Kaf. akush. i gin. GMI no. 1: 44-49 '60.

ENCYCLICALS, PAPAL

New social program of the Vatican [with summary in English, p. 185]. L. N. Velikovich. Vop. filos. 16 no. 4:85-96 '62.

ENCYCLOPEDIAS AND DICTIONARIES, RUSSIAN

For the publication of the "Great veterinary encyclopedia." G. N. Shpilevno, L. K. Voinalovich. Veterinariia 38 no. 1:12-13 Ja '61.

ENCYCLOPEDIAS AND DICTIONARIES, UKRAINIAN

[Soviet Ukrainian encyclopedia] Ukrains'ka Radians'ka Entsiklopediia. Holovna red. kolegiia: M. P. Bazhan ta inshi. Kyiv, Holovna red. Ukrains'koi radians'koi entsyklopedii.

Vol. 7. Kolilvshchyna - Lanchyn. [1961] 576 p.

ENCYTRIDAE see subdivision under Nogay Steppe

ENDOCARDITIS

Subacute septic endocarditis in connection with a blind shell splinter injury of the heart [with summary in English]. V. L. Bialik. Arkh. pat. no. 8:68-71 '61.

ENDOCRINE GLANDS

Effect of some cytostatic preparations on the endocrine system (experimental study) [with summary in English] Sh. M. Miiku, G. TSimeli', I. Petriu. Vop. onk. 8 no. 3: 86-92 '62.

ENDOCRINE GLANDS—TUMORS

Hyperparathyroidism in combination with multiple adenomatoses of the endocrine glands. A. A. Chumakov, V. S. IAgodovskii. Arkh. pat. no. 8:76-80 '61.

ENDOMETRIOSIS

Case of endometriosis in the inguinal area in combination with an inflammatory process. IU. N. Davydenko. Ped., akush. i gin. 23 no. 3:62-64 '61.

Clinical aspects and diagnosis of internal endometriosis. M. G. Darovskaia. Shor. nauch. rab. Kaf. akush. i gin. GMI no. 1:156-162 '60

Endometriosis in the postoperative scar. M. G. Darovskaia. Shor. nauch. rab. Kaf. akush. i gin. GMI no. 1: 163-166 '60.

ENDOXAN

Experimental data on an antineoplastic preparation endoxan [with summary in English]. V. I. Astrakhan. Vop. onk. 8 no. 4:14-22 '62.

ENERGY-BAND THEORY OF SOLIDS
Exciton and its motion in the crystal lattice. E. F. Gross. Usp. fiz. nauk 76 no 3:433-466 Mr '62.

ENGELART
Master Engelart's self-portrait on ivory of the 11th century [with summary in French] E A Lapkovskaia Trudy Gos. Erm 6 no 2 175-181 '61

ENGELS, FRIEDRICH, 1820-1895—BIBLIOGRAPHY see Bibliography—Engels, Friedrich, 1820-1895

ENGINEERING—PERIODICALS
Conferences of the readers of "Vestnik mashinostroeniia." Vest mash. 42 no 2:71 F '62.

ENGINEERING—PERIODICALS—INDEXES
Index of articles published in "Inzhenernyi zhurnal" vol 1, 1961 Inzh. zhur 1 no. 4:174-176 '61

ENGINEERING, MARINE see Marine engineering

ENGINEERING, MECHANICAL see Mechanical engineering

ENGINEERING, MINING see Mining engineering

ENGINEERING, MUNICIPAL see Municipal engineering

ENGINEERING, RAILROAD see Railroad engineering

ENGINEERING, WATER-SUPPLY see Water-supply engineering

ENGINEERING GEOLOGY
(see also subdivision under Amur Valley)
Use of single-channel seismic apparatus in engineering geological studies Sh A. Azimi, A. A. Ogil'vi. Razvec i okh, nedr 28 no. 4:34-40 Ap '62

ENGINEERING LABORATORIES
Kochurov, IU. D., and others, [Manual for the personnel of chemical and technical laboratories in the field and at depots] Rukovodstvo rabotnikam dorozhnykh i depovskikh khimiko-tekhnicheskikh laboratorii, Izd. 2, ispr. i dop. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1962. 211 p.

ENGINEERING STANDARDS see Standards, Engineering

ENGINES—CORROSION
Effect of organic additions in fuel on the corrosion and wear of automobile engines I N. Smirnova, S A Balezin Uch zap MGPI no 146,102-126 '60

ENGINES—MAINTENANCE AND REPAIR
Reshetnikov, N. S. [Repair of the engines of lumbering machinery and mechanisms] Remont dvigatelei lesozagotovitel'nykh mashin i mekhanizmov. Moskva, Goslesbumizdat, 1961. 275 p.

ENGLISH LANGUAGE—ARTICLE
Means to convey in the Russian language meanings expressed in English by articles A V Shidlovskii. Inostr. iaz. v shkole no. 4:125-128 Jl-Ag '61

ENGLISH LANGUAGE—AUDIO-VISUAL AIDS
How to work with educational filmstrips for the development of oral speech in fifth grade English language classes. T. N. Dobronravova, E. A. Karpova. Inostr. iaz. v shkole no. 2:75-79 Mr-Ap '62.
Record player and records in foreign language classes. B. Ostrovskii Shkola-int no 2:33-37 Mr-Ap '62.

ENGLISH LANGUAGE—STUDY AND TEACHING
Excursions as a form of teaching the English language in secondary schools. N. S. Moshkin. Inostr. iaz. v shkole no. 2:87-94 Mr-Ap '62.
Grouping words by specific subjects in the fifth grade. E. I. Rel'son. Inostr. iaz. v shkole no 4 97-100 Jl-Ag '61.
Improving the qualifications of English language teachers. I N Pokrovskii. Inostr. iaz. v shkole no. 4:90-96 Jl-Ag '61
Training in independent work. M. M. Gokhlerner. Inostr. iaz. v shkole no. 2:100 Mr-Ap '62.
Working on the materials of the first space flight. A. P. Burlakova. Inostr. iaz. v shkole no. 4:75-78 Jl-Ag '61.
You can also have such holiday. L. TSesarskii. Semlia i shkola 17 no. 4:7 Ap '62.

ENGLISH LANGUAGE—TERMS AND PHRASES
Principles of presenting fixed phrases in English and American reference books. A. V. Kunin. Inostr. iaz. v shkole no. 2:104-111 Mr-Ap '62.

ENGLISH LANGUAGE—WORD FORMATION
"Etymological basis for the lexicological content of the present-day English language" by N. N. Amosova. Reviewed by D. Vaid, A. Kunin. Inostr. iaz. v shkole no. 4:121-123 Jl-Ag '61.

ENGLISH PAINTINGS see Paintings, English

ENSILAGE
Effect of growing conditions of corn on the nutritive value of silage [with summaries in English, German, and French]. A. A. Staffichuk. Vest. sel'khoz. nauki 7 no. 2 39-45 F '62.
Ensilage the year round without a grassland crop rotation. I. Semenov. Ekon. sel'khoz 33 no. 2:40-45 F '62.
Introducing knotweed as a new silage plant. R. IA Plennik. Trudy TSSBS no. 4 69-72 '60.
Microbiological and biochemical processes during the ensilage of a mixture of steamed potatoes and green forage plants A. S Makhalova Trudy Vses inst. sel'khoz mikrobiol no. 14, 286-295 '58
Microbiological processes during the ensilage of the green bulk and ears of corn and ways of controlling them M. M Makarova Trudy Vses inst sel'khoz mikrobiol no. 14;275-285 '58
Role of bacterial leaven in regulating the process of acid formation in ensilage. Preserving properties of lactic and acetic acids. D. L. Shamis, K. A. Il'ina. Trudy Inst mikrobiol i virus, AN Kazakh SSR 5:51-57 '61.
Using corn silage in dairy cow food rations. A U. Umirzakov Trudy AZVI 9:56-63 '58

ENTEROKINASE
Excretion of the enzymes enterokinase and alkaline phosphatase with the feces in chronic enteritis and enterocolitis K. B Bakhadyrov Med zhur Uzb. no 2 59-62 F '62.

ENTHALPY
Enthalpy of the formation of tellurium dioxide. S. N. Gadzhiev, K. A. Shafiev. Izv AN Azerb SSR. Ser. fiz.-mat. i tekh. nauk no 1 47-53 '62.

ENTIRE FUNCTIONS see Functions, Entire

ENTOMOLOGICAL RESEARCH
Soviet entomology in the light of the resolutions of the 22d Congress of the CPSU. Ent oboz 41 no 1;3-5 '62

ENTOMOLOGY
A. M Butlerov's work on entomology. L. V. Chesnova. Vop. ist. est. i tekh. no 12:171-173 '62.

ENVIRONMENT see Acclimatization, Adaptation (Biology)

ENVIRONMENTAL CHAMBERS
Improvement of laboratory climatic chambers. M M Derkovskii. Khol tekh 39 no 2 43-44 Mr-Ap '62

ENZYMES
Microscopic express methods for determining enzymatic activity and its diagnostic value. A. A. Pokrovskii. Biul Uch med. sov. 3 no. 2 8-12 Mr-Ap '62.
Sources for enriching the soil with enzymes. N. V. Peterson. Mikrobiol. zhur. 23 no. 6;5-11 '61.
Study of the activity of some enzymes in liver punctuates in Botkin's disease [with summary in English]. I. D. Mansurova. Sov. med 25 no. 1;31-34 Ja '62

ENZYMES, DIGESTIVE see Digestive enzymes

EOSINOPHILES
Eosinophilic granuloma of the stomach. IA. I. Pushchevoi. Klin. med no 2,133-136 '62

EPIDEMICS IN ANIMALS see Communicable diseases in animals

EPIDEMIOLOGY see subdivision under Krasnoyarsk Territory

EPIDEMIOLOGY—STATISTICS
Bessmertnyi, B. S., and M. N. Tkacheva, [Statistical methods in epidemiology] Statisticheskie metody v epidemiologii. Pod red. A. M. Merkova. Moskva, Medgiz, 1961. 202 p.
(DNLM)

EPIDEMIOLOGY—STUDY AND TEACHING
Methodology of teaching epidemiology in a medical school. V. A. Gefter. Feld. i akush. 27 no 3;47-49 Mr '62.

EPIDERMIS
Correlation of the intensity of protein and nucleic acid metabolism and mitotic activity during the proliferation and differentiation of the epidermis [with summary in English]. A. A. Zavarzin. Arkh anat. gist. i embr. 40 no. 5 18-26 My '61.

EPIDIDYMIS—SURGERY
Technic for removal of the epididymis. A. S. Mel'kov. Trudy Semipal. med inst. 2:349-352 '59.

EPILEPSY
Epilepsy and pregnancy. V. A. Gusev. Sbor. nauch. rab. Kaf akush. i gin GMI no. 1:56-58 '60.
Epilepsy first appearing during pregnancy V. A. Gusev. Sbor. nauch. rab. Kaf. akush. i gin. GMI no 1, 53-55 '60.
Evaluation of conditioned reflex formation by the electroencephalographic method in children with an epileptiform syndrome. K. B Akhmedov. Izv. AN Kazakh. SSR Ser. med. i fiziol. no. 1:46-50 '61.
Serotonin content of the blood of psychiatric patients and its changes in the process of treatment [with summary in French]. L. I. Lando, IU. L. Zakhar'in, L. B. Krupenina. Zhur. nevr. i psikh. 62 no. 1;99-107 '62.

EPINEPHRIN see Adrenaline

EPITHELIUM
Characteristics of epithelioid granulomas in vaccination with antiplague vaccines [with summary in English]. L. N. Koturga. Arkh. pat. no. 4;18-24 '62.
Effect of 1 to 20% corn stigma infusion on the activity of the ciliated epithelium of the mucous membrane of the esophagus in the frog. Report No. 6. B. D. Dzhamalieva. Izv. AN Kazakh. SSR. Ser. med. i fiziol. no. 1, 77-82 '61.
Histogenesis of the epithelial structure of the thyroid gland in sheep N P. Shakhvorostova Trudy AZVI 9:326-333 '56

EPOXY RESINS
Heat-resistant glass textolites based on epoxide resins. B. A. Kiselev, A. M. Gribova. Plast massy no 5;15-18 '62.
Investigating butyl methacrylate and epoxide enamel coatings under conditions of high humidity and high temperature. M. I. Kartakina, S. V. IAkubovich, Lukoiias. mat. i ikh prim. no. 1:49-52 '62.
Paint materials based on modified epoxide resins. Report No. 2: Coatings based on epoxy resins modified by diisocyanates. V. V. Zhebrovskii and others. Lakokras mat. i ikh prim. no. 1:3-8 '62.
Pores in glue layers and ways to correct them I. M. Lunev. Lit. proizv. no 4 47 Ap '62
Synthesis of bis-epoxypropyl ether of 2, 2-bis-(p-oxyphenyl)-hexafluoropropane and of a copolymer based on it. N. P. Gambarian, G. S. Nearnetianova, I. L. Knuniants Zhur. VKHO 7 no. 2;231 '62.

EPOXY RESINS—ELECTRIC PROPERTIES
Dielectric characteristics of epoxide insulating materials as affected by the nature of filler. E K. Dobrer. Plast massy no 3:32-37 '62.

EPOXY RESINS—TOXICOLOGY
Kanaevskaia, A. A., and others, [Toxicology of new industrial chemical compounds] Toksikologiia novykh promyshlennykh khimicheskikh veshchestv Pod red. A. A. Letaveta i A. A. Kanarevskoi. Moskva, Medgiz. No. 2. [Toxicology of epoxide resins and some metals] Toksikologiia epoksidnykh smol i nekotorykh metallov. 1961. 161 p.

EQUATION OF STATE
Dynamic compression of porous metals and the equation of state with variable specific heat at high temperatures [with summary in English]. S. B Kormer and others. Zhur. eksp. i teor. fiz 42 no 3 686-702 Mr '62
Equation of state of a crystal at zero temperature [with summary in English] N. A. Dmitriev. Zhur. eksp. i teor fiz 42 no 3 772-776 Mr '62

EQUATIONS, BINOMIAL
Shkol'nik, A. G. [Problem of the division of the circle; textbook for teachers] Zadacha deleniia kruga; posobie dlia uchitelei. Izd. 3, Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 72 p.

EQUATIONS, DIFFERENTIAL see Differential equations

EQUATIONS, INTEGRAL see Integral equations

EQUATIONS, LINEAR see Linear equations

ERDELI, KSENIIA ALEKSANDROVNA, 1882-
My life in music. K Erdeli. Sov. muz. 26 no. 4 74-78 Ap '62.
Talent and energy V Borisovskii. Sov. muz. 26 no. 4:73-74 Ap '62.

EREMIN, DMITRII IVANOVICH
"Family" by D. Eremin. Reviewed by A. Vlasenko. Moskva 6 no. 1:209-210 '62.
"A family" by Dm. Eremin. Reviewed by L. Zakrutkina. Oktiabr' 39 no. 3 211 Mr '62.

ERGOMETER see Dynamometer

ERGOT
Comparative action of acrichine and ergot on the postpartum uterus, preliminary report. IU. A. Vinogradova Sbor. nauch. rab. Kaf. akush. i gin. GMI no. 1 83-84 '60

ERIVAN—ALUMINUM INDUSTRY
Eliminating the operation of edge cutting in the manufacture of blanks for foil M. Maevskaia. Prom. Arm. 5 no. 3;48 Mr '62.

ERIVAN—CHALCID FLIES
New parasite of the Turanian scale Diaspidiotus prunorum (Laing) in Armenia and Uzbekistan. V. A. Triapitsyn. Dokl. AN Arm. SSR 34 no. 2:93-96 '62.

ERIVAN—CLOCKMAKING AND WATCHMAKING
Table alarm clocks. Prom. Arm. 5 no. 3;46-47 Mr '62.

ERIVAN—CLOTHING WORKERS
Strong in heart and mind. Prom. Arm. 5 no. 3;6-9 Mr '62.

ERIVAN—HISTORICAL LIBRARIES
Matenadaran and its treasures. M. Zorov. Znan. sila 37 no 4;24-25 Ap '62.

ERIVAN—HOSPITALS, GYNECOLOGIC AND OBSTETRIC
Bon jour, happiness! E. Knorre. Zdorov'e 8 no. 3;6 Mr '62.

ERIVAN—INFUSORIA
Free-living in infusorians in the waters of Erivan. M. A. Ambartsumian. Izv. AN Arm. SSR. Biol. nauki 15 no. 3;87-91 '62.

ERIVAN—INTESTINES—DISEASES
Clinical aspects and characteristics of the course of colienteritis in Erevan. A. D. Grigorian. Pediatriia no. 4;39-42 '62.

ERIVAN—MILITARY EDUCATION
The Lenin Factory in Erivan Voen. znan 38 no 4:20 Ap '62

ERIVAN—PHOTOGRAPHY, JOURNALISTIC
One hundred seventy pictures of his native town. V Krasutskii Sov. foto 22 no. 4 24 Ap '62.

ERIVAN—TIRES, RUBBER
Foremost workers of the tire factory. Prom Arm 5 no. 3:54-55 Mr '62

ERIVAN—VALVES
Safety valves. Prom. Arm 5 no 3,45-46 Mr '62.

EROSION
(see also subdivision under Caucasus; Tedzhen River)
Erosion of soil caused by snow waters in the non-Chernozem belt and measures for the regulation of snow thawing Shi De-min [Shih Tieh-ming]. Pochvovedenie no 4 16-20 Ap '62
Scientific production conference on soil erosion and measures for controlling it M N. Malyshkin Zemledelie 24 no 4 86-89 Ap '62

EROSION—BIBLIOGRAPHY see Bibliography—Erosion

EROSION OF METALS
Uryantsov, L. A. [Gas erosion of metals; general information, methods of study and protection] Gazovaia erozilia metallov; obshchie svedeniia metody izucheniia i zashchity. Moskva, Mashgiz, 1962. 137 p.

ERRORS, THEORY OF
Normal law for the distribution of measurement errors. G S. Simkin Izm. tekh. no 4 3 Ap '62.

ERYSIMUM
Study in culture of some species of the genus Erysimum. Report No. I [with summary in English]. Kh. Kh. Khalmatov, V. N. Luchanskaia. Apt. delo 11 no. 1:31-34 Ja-F '62.

ERYSIPELAS
Use of tetracycline in treating erysipelas [with summary in English]. V. I. Cherkasov. Sov med. 25 no 1: 58-62 Ja '62.

ERYTHREMIA
Chorea in combination with gangrene of the fingers in polycythemia [with summary in French] N. K. Bogolepov Zhur. nevr. i psikh. 62 no. 1:45-50 '62.

ERYTHROCYTES
Characteristics of thiamine metabolism based on the transketolase activity of erythrocytes [with summary in English] IU. M. Ostrovskii, R. V. Trebukhina. Vop. med. khim. 8 no. 2:149-154 Mr-Ap '62.
Dynamics of the restorative process in infectious nonspecific (rheumatoid) polyarthritis during compound health resort treatment according to data on the clinical aspects of the disease and some laboratory data (protein fractions in the blood serum and detailed erythrocyte sedimentation reaction). M. S. Belen'kii, E. M. Rybchinskaia, R. O. Rukhel'man. Zdravookhranenie 5 no. 1: 30-35 Ja-F '62.
Erythrocytic macrocytosis. N. A. Ivanova. Probl. gemat. i perel. krovi no. 4:13-16 '62.
Evaluation of some diagnostic tests in Botkin's disease [with summary in English]. V. A. Anan'ev. Zhur mikrobiol., epid. i immun. 33 no. 3:36-39 Mr '62.
Megaloblastosis. M. M. Degtiareva. Probl. gemat. i perel krovi no. 4:17-21 '62.
Some changes in the hematological indices in subjects living and working at high altitudes above sea level. P. K. Stoianov. Probl. gemat. i perel. krovi no. 4,9-11 '62.

ESCHERICHIA COLI
Biological characteristics of pathogenic serological types of Escherichia coli F. I. Shevchenko and others. Med. zhur. Uzb. no. 2:22-25 F '62
Biological characteristics of phages from enteropathogenic intestinal bacteria. Report No. 1: Isolation, range of action and serological characteristics of 0111, 026 and 055 coliphages [with summary in English]. L. B. Borisov, L. I. Adel'son, R. N. Petukhova. Zhur. mikrobiol., epid. i immun. 33 no. 3:94-98 Mr '62.
Clinical picture of gastrointestinal diseases caused by the intestinal bacillus in children. R. M. D'iakova. Ped., akush. i gin. 23 no. 3:3-6 '61.
Cross resistance of colienteritis pathogens to some antibiotics [with summary in English]. A. D. Kovalenko. Antibiotiki 7 no. 5:471-472 My '62.
Effect of antiradiation substances in Escherichia coli irradiated in an oxygen-deprived medium. E. A. Valdshtein. Radiobiologiia 2 no. 2:317-321 '62.
Frequency of food contamination by pathogenic serotypes of Escherichia coli. I. B. Dobrier. Gig. i san. 26 no. 8:104-106 Ag '61.
Mitochondrial equivalents in Escherichia coli cells [with summary in English]. V. M. Kushnarev. Biul. eksp. biol. i med. 3[1. e. 53] no. 3:65-67 Mr '62.
Recognition of colienteritis in children. M. M. Lapko Ped., akush. i gin. 23 no. 3:6-9 '61.

ESENIN, SERGEI ALEKSANDROVICH, 1895-1925
S. Esenin's unpublished poetry. L. Kubanova. Neva no. 1:182-183 '62.
"Sergei Esenin"; chapters from a book by Kornelii Zelinskii (to be continued). Oktiabr' 39 no. 2:173-182 F '62.
"Sergei Esenin", chapters from a book by Kornelii Zelinskii. Oktiabr' 39 no. 3 168-177 Mr '62.

ESENINA, TATIANA
"Zhenia, a miracle of the 20th century" by Tatiana Esenina Reviewed by IUrii Idashkin. Oktiabr' 39 no 4: 213-216 Ap '62.

ESOPHAGUS
Effect of 1 to 20% corn stigma infusion on the activity of the ciliated epithelium of the mucous membrane of the esophagus in the frog. Report No 6. B D. Dzhamalieva. Izv. AN Kazakh. SSR, Ser. med i fiziol no. 1 77-82 '61

ESOPHAGUS—DIVERTICULA
Clinical aspects of small diverticula of the esophagus A A. Ol'shanetskii, M N. Gurevich Vest khir. no 4 9-11 '62
Gastric syndrome in the clinical aspects of esophageal diverticula. A. A. Ol'shanetskii. Klin med. no. 2: 39-46 '62.

ESOPHAGUS—RADIOGRAPHY
Possibilities of fluorography and roentgenocinematography in diagnosing tumorous and nontumorous diseases of the lungs, esophagus and stomach in prophylactic examinations [with summary in English]. L. M. Gol'dshtein, P. I. Prokof'eva. Vest. rent. i rad. 37 no. 2:3-10 Mr-Ap '62

ESOPHAGUS—TUMORS
Bronchogenic cyst of the esophagus. N. A. Bykova, V. I. Pronin. Grud. khir no. 2:86-88 '62.

ESPIONAGE, AMERICAN see subdivision under Lithuania

ESPIONAGE, JAPANESE
An absolutely secret mission Voen.-ist. zhur 4 no. 1: 84-91 Ja '62

ESSENCES AND ESSENTIAL OILS
Antimicrobic characteristics of the essential oils of some plants. A. M. Babusenko, A. IA. Veselov. Trudy inst mikrobiol. i virus AN Kazakh. SSR 5:26-31 '61.
Essential dill oil. G. Krinichnyi. Obshchest. pit. no. 3: 25 Mr '62.
Processing of dill. G. G. Krinichnyi. Masl.-zhir. prom. 28 no. 3:40-41 Mr '62.
Production training of students on a volatile oil state farm. IA. Ponomarenko. Shkoln i proizv. 6 no. 3:94-95 Mr '62.

ESTERIFICATION
Esterification of phosphorus and phenylphosphinic acids K. A. Petrov and others. Zhur ob. khim 32 no. 4 1277-1279 Ap '62.
Phosphorylated polysaccharides. Part 1. Phosphorylation of cellulose by transesterification of esters of trivalent phosphorus acids [with summary in English]. Vyskom. soed. 4 no. 2:242-245 F '62.

ESTERS
Determining the unsaturation of mixed polyesters of the acrylic series. M. M. Mogilevich, M. I. Arkhipov. Lakokras. mat. i ikh prim. no. 1 57-60 '62.
Interaction of organomagnesium complexes with organosilicon esters. D. N. Andreev, E. V. Kukharskaia. Zhur. ob. khim. 32 no. 4. 1352-1353 Ap '62.
Organosilicon diesters of silicoorganic acids D. N. Andreev, E. V. Kukharskaia Zhur. ob khim. 32 no 4 1353-1354 Ap '62.
Preparation of esters by the acylation of alcohols and phenols by amide hydrochlorides. E. N. Zil'berman, A. E. Kulikova. Zhur. prikl. khim. 35 no 4 869-872 Ap '62.
Reaction of p-nitrophenyl ester of carbobenzoxy-D-phenylalanine with chymotrypsin. M. M. Botvinik, I. P. Kurnosova. Dokl. AN SSSR 143 no. 5:1094-1097 Ap '62.
Self-extinguishing (fire-resistant) unsaturated polyester resins. P. Z. Li, E. L. Kaganova, Z. V. Mikhailova. Plast. massy no. 5:10-15 '62.
Synthesis of ethers and esters of 1, 2-dioxyethylene and their transformations. M. F. Shostakovskii, N. V. Kuznetsov, IAn Chzhe-min'. Izv. AN SSSR. Otd. khim. nauk no. 4:710-716 Ap '62.
Synthesis of mixed 2, 4, 6-trialkyl-1, 3, 5-triazines and polymer triazine compounds from iminoesters. E. L. Zaitseva and others. Zhur. VKHO 7 no. 2:232-233 '62.
Synthesis of 2, 4, 6-trialkyl- and 2, 4, 6-triaryl-1, 3, 5-triazines from iminoesters. A. IA. IAkubovich and others. Zhur. VKHO 7 no. 2:229-230 '62.
Trisoxyphosphazocyls. Part 2. G. I. Derkach and others. Zhur. ob. khim. 32 no. 4:1201-1207 Ap '62.

ESTONIA
Do you know? Kul't. i zhizn' 6 no. 2:11-13 '62.

ESTONIA—ADMINISTRATIVE AND POLITICAL DIVISIONS
[Estonian S. S. R.; administrative and political divisions] Eesti NSV; territooriumi administratiivne jaotus seisuga 1. juuli 1961. Tallinn, Eesti riiklik kirjastus, 1961. 83 p. maps. [Parallel texts in Estonian and Russian]

ESTONIA—AGRICULTURE
Eestimaa kommunistlik partei. Keskkomitee. Propaganda- ja Agitatsioonioskond. [Let us carry out the seven-year plan ahead of schedule] Seitseaastak ennetahtaegselt. Tallinn, Eesti riiklik kirjastus, 1961. 246 p. [In Estonian]
(DA)

ESTONIA—BUDGET
Let us devote all our strength to the carrying out of the budget A. Tihane Fin SSSR 23 no 4 24-30 Ap '62

ESTONIA—COMMUNIST PARTY
Liebman, Abe. [Estonian Communist Party during the post-war revolutionary crisis, February 1920 to December 1924] Eestimaa Kommunistlik Partei sojajargse revolutsioonilise kriisi aastail, veebruar 1920-detsember 1924. Tallinn, Eesti riiklik kirjastus, 1961. 189 p. [In Estonian]

ESTONIA—FINANCE—CONGRESSES
Republic conferences of financial workers Fin SSSR 23 no 4 92-95 Ap '62.

ESTONIA—HISTORY
Rudnev, D. M. Ivan Vasil'evich Rabchinskii. Tallinn, Estonskoe gos. izd-vo, 1960. 109 p.
(CSt-H)

ESTONIA—JOURNALISM—CONGRESSES
One can do nothing alone. Aado Slutsk. Sov. pech. no. 3:37-40 Mr '62.

ESTONIA—NATURAL MONUMENTS
Eesti NSV Teaduste Akadeemia. Geologia Instituut. [Protection of nonliving nature] Eluta looduse kaitse. Tallinn, 1958. 89 p. illus. (TKN, no. 276) [In Estonian with summaries in German and Russian]
(DSI)

ESTONIA—OIL SHALE INDUSTRY—FIRES AND FIRE PREVENTION
Fire hazard tests in industrial enterprises. A. Aunap. Pozh. delo 8 no. 3:28-29 Mr '62

ESTONIA—OIL SHALES
First high-capacity electric power plant using oil shales as fuel B P. Mgaloblov. Energ stroi no 21.11-15 '61

ESTONIA—OIL SHALES—TOXICOLOGY
"Carcinogenic action of the products from the reprocessing of Estonian oil-shale" by P. A. Bogovskii. Reviewed by Kh. IA. IAnes. Gig. truda i prof zab 6 no. 3:58-59 Mr '62

ESTONIA—PROBATION
A "council of people's assessors." I. Koposov. Sots. zakon 30 no. 3 59 Mr '62.

ESTONIA—RAILROADS—ACCOUNTS, BOOKKEEPING, ETC.
Practice in mechanizing accounting on the Estonian Railroad. I. Reznichenko. Bukhg. uchet 18 no. 1 49-54 Ap '62.

ESTONIA—RAILROADS—SIGNALING
"A beacon light" of the communication workers of the Estonian railroad. L A. Rebane Avtom., telem i sviaz' 6 no. 4.23-25 Ap '62

ESTONIA—SOCIAL CONDITIONS
[At home] Kodumaal. Tallinn, ENSV riiklik kirjastus keskus, 1948. 60 p. [In Estonian]

ESTONIA—VETERINARY MEDICINE
Conference on problems in the prophylaxis and treatment of diseases in young animals. IU. IU. Parre. Veterinariia 38 no. 1:94 Ja '61.
Veterinary work in Estonia during the years of the Soviet rule. V. I. Zav'ialov. Veterinariia 38 no. 1:9-12 Ja '61.

ESTONIA—WAR CRIME TRIALS
[We must be vigilant! The trial of the fascist murderers A. More, R. Gerrets, and J. Vilk, March 6-11, 1961] Liudi, bud'te bditel'ny; sudebnyi protsess nad fashistskimi ubiitsami A. More, R. Gerretsom i IA. Vilkom 6-11 marta 1961 goda. Tallinn, Estonskoe Gos. izd-vo, 1961. 231 p.

ESTONIA—WHITE CLOVER
Overdrilling pastures with white clover. A. Sau. Zemledelie 24 no. 4:52-57 Ap '62

ESTONIA—WOODWORK
"Estonian woodworking handicraft" [In Estonian] by A. Viires. Reviewed by N. Shligina. Sov. etn. no. 2: 152-155 Mr-Ap '62.

ESTONIAN LITERATURE—PERIODICALS
"Keel' ja kirjandus" ("Language and literature"), nos. 1-2, 1962 Vop. lit. 6 no. 4:234 Ap '62.

ESTROGENS
Estrogen content in young women following removal of the ovaries. N. G. Krapivin. Sbor nauch. rab. Kaf. akush. i gin. GMI no. 2:102-103 '60.

ESTRUS

Dependence of the localization of radiation injury on the functional state of the organ. Report No 3. Morphological changes in the uterus in white mice irradiated at various phases of the estrus cycle [with summary in English] N. V. Sokolova, T. I. Goriacheva. Biul. eksp. biol. i med. 3[i. e. 53] no. 3:112-116 Mr '62.

Effect of the ketone of palmitic acid on the estrous cycle and pregnancy. IE. S. Detiuk, V. S. Baranov. Ped., akush. i gin. 23 no. 6:56-60 '61.

Regime of cell divisions in the epithelium of the mammary glands at various stages of the estrus cycle in mice from high and low cancer lines [with summary in English]. S. S. Laguchev. Biul. eksp. biol. i med. 3[i. e. 53] no. 3:63-67 Mr '62.

ETCHING

Etching of germanium crystals near dislocations. M. D. Uspenskii. Kristallografiia 7 no. 2:326-329 Mr-Ap '62.

Observation of dislocations in iron microcrystals using the etching method. I. P. Kushnir. Kristallografiia 7 no. 2:247-251 Mr-Ap '62.

Selective etching of potassium halides. S. V. Lubenets, N. F. Kostin. Kristallografiia 7 no. 2:328-330 Mr-Ap '62.

Studying n-germanium monocrystals by the anode etching method. V. N. Maslov, A. V. Ovodova, L. V. Nabatova. Kristallografiia 7 no. 2:271-275 Mr-Ap '62.

ETHANE

Determination of 1, 2-dichloroethane in waste waters. V. P. Sokolov, K. A. Lobashov. Zav. lab. 28 no. 3:285-287 '62.

Haloarylation of unsaturated compounds by aromatic diazo compounds. Part 15. Synthesis of 2, 2, 2-trichloroarylethanes from vinylidene chloride. A. V. Dombrovskii, V. M. Naidan. Zhur. ob. khim. 32 no. 4:1282-1284 Ap '62.

ETHANOL

Effect of ethanolamines on certain ferrous and nonferrous metals. B. G. Gasanov, N. G. Kliuchnikov. Uch. zap. MOPI no. 146:170-175 '60.

ETHERS

Electrophylic addition of thioacetic acid to vinyl ethers. E. N. Prilezhaeva, N. P. Petukhova, M. F. Shostakovskii. Izv. AN SSSR, Otd. khim. nauk no. 4:728-729 Ap '62.

Hydration of complex halogen acids of metals during extraction with ethers. A. F. Morgunov, V. V. Fomin. Zhur. neorg. khim. 7 no. 4:949-950 Ap '62.

Production and reactivity of certain arylated β-iodo ethers. M. A. Khalmova, B. I. Kurtev, TS. P. Bezukhanova. Dokl. AN SSSR 143 no. 6:1374-1377 Ap '62.

Synthesis of bis-epoxypropyl ether of 2, 2-bis-(p-oxyphenyl)-hexafluoropropane and of a copolymer based on it. N. P. Gambarian, G. S. Nasmetanova, I. L. Knunyants. Zhur. VKHO 7 no. 2:231 '62.

Synthesis of ethers and esters of 1, 2-dioxyethylene and their transformations. M. F. Shostakovskii, N. V. Kuznetsov, IAN Chzhe-min'. Izv. AN SSSR, Otd. khim. nauk no. 4:710-716 Ap '62.

Synthesis of ethers of triatomic amino alcohols. N. M. Grad and others. Zhur. prikl. khim. 35 no. 4:866-869 Ap '62.

ETHICS

Intuitionist school of present-day Anglo-American bourgeois ethics. O. G. Drobnitskii. Nauch. dokl. vys. shkoly; filos. nauki 5 no. 2:76-82 '62.

ETHICS—STUDY AND TEACHING

Problems of science in a course of lectures on ethics. F. A. Selivanov. Vest. vys. shkoly 20 no. 4:73-77 Ap '62.

ETHYL CHLORIDE—TOXICOLOGY

Functional state of the thyroid gland in persons having come into contact with granosan [with summary in English] E. A. Guseva, IU. K. Shaposhnikov. Gig. truda i prof. zab. 4 no. 6:32-35 Je '60.

ETHYLENE

Gelatinization of poly(vinyl chloride) pastes. D. F. Sokolova, O. G. Tarakanov. Plast. massy no. 3:5-7 '62.

Haloarylation of unsaturated compounds by aromatic diazo compounds. Part 15. Synthesis of 2, 2, 2-trichloroarylethanes from vinylidene chloride. A. V. Dombrovskii, V. M. Naidan. Zhur. ob. khim. 32 no. 4:1282-1284 Ap '62.

High-temperature alkylation of isobutane and propane by ethylene. I. L. Kotliarevskii, A. N. Volkov, S. F. Vasilevskii. Trudy Vost.-Sib. fil. AN SSSR no. 38:149-151 '61.

Homolytic telomerization of vinyl acetate with tetrachloroethylene at high pressures. V. M. Zhulin, M. G. Gonikberg, V. N. Zagorbinina. Izv. AN SSSR, Otd. khim. nauk no. 4:716-720 Ap '62.

Some problems in the production of acetylene and ethylene. O. P. Klymenko. Pyt. rozv. prod. syl. Lviv. i Stan. ekon. admin. rai. no. 2:81-84 '61.

Synthesis of ethers and esters of 1, 2-dioxyethylene and their transformations. M. F. Shostakovskii, N. V. Kuznetsov, IAn Chzhe-min'. Izv. AN SSSR, Otd. khim. nauk no. 4:710-716 Ap '62.

ETHYLENE ALCOHOL see Glycols

ETHYLENE COMPOUNDS

Nikitin, V. I. [Tertiary glycerols of the acetylenic and ethylenic series and their transformations] Tretichnye glitseriny atsetilenovogo i etilenovogo riadov i ikh khimicheskie prevrashcheniia. Dushanbe, Izd-vo Akad. nauk Tadzhikskoi SSR, 1961. 257 p. (Akademiia nauk Tadzhikskoi SSR, Dushanbe. Institut khimii. Trudy, vol. 4)

ETHYLENE OXIDE

Chronoconductometric determination of ethylene oxide in the presence of methacrylic acid and iron salts. T. A. Khudiakova, L. I. Nemtseva, M. A. Balandina. Zhur. prikl. khim. 35 no. 4:824-827 Ap '62.

ETHYLENE POLYMERS

Compatibility of polymers of the system polyethylene - polypropylene [with summary in English]. N. V. Mikhailov and others. Vysokom. soed. 4 no. 2:237-241 F '62.

Low temperature polymerization of ethylene on a chromium oxide catalyst. IU. I. Dimakov and others. Dokl. AN SSSR 143 no. 5:1139-1141 Ap '62.

Svetkin, IU. V. [Ethylene and propylene polymers] Polimery na osnove etilena i propilena. Moskva, Ob-vo po raspr. polit. i nauchn. znanii RSFSR, 1961. 39 p.

ETHYLENE POLYMERS—SPECTRA

Spectroscopic study of structural changes in polytrifluorochloroethylene *in the process of its thermal aging* [with summary in English]. L. I. Tarutina, TS. S. Dunaevskaia. Vysokom. soed. 4 no. 2:276-281 F '62.

ETHYLENEDIAMINE

Acid-base properties of ethylenediamine-ammonia platinum pentammines. I. I. Chernaev, N. T. Kuznetsov. Zhur. neorg. khim. 7 no. 4:762-768 Ap '62.

ETHYLENIMINE

Derivatives of di(*o*-aminoacylamido)-1, 4-*benzoquinones*. Part 1: Reaction of 2, 5-dichloroacetamino-3, 6-dichloro-1, 4-benzoquinone with ammonia and ethylen*imine*. A. N. Makarova, Z. M. Egorova, A. IA. Berlin. Zhur. ob. khim. 32 no. 4:1285-1289 Ap '62.

rmenian text of Euclid's "Elements" summary in Russian]. G. B. Petrosian. Ist.-filol. zhur. no. 1:148-170

), 1707-1783

orsburg Academies of Sciences in the of Leonhard Euler," Part 2 [in Ger- by V. P. Zubov. Vop. ist. est. i tekh.

., and others. [Manuscripts of in the archives of the Academy of .S. S. R.] Rukopisnye materialy ye Akademii nauk SSSR. Moskva, SSSR,

ientific description] Nauchnoe opisanie. 2. 427 p. (Akademiia nauk SSSR. hiv. Trudy, no. 17)

]

i. A. I. Vinogradov. Dokl. AN SSSR 021 Ap '62.

e subdivision under Kronotskiy Gulf

IIC CONDITIONS

nomic condition of Europe for 1959 and eva, N. Sysoev. Vop. ekon. no. 4:146-

EUROPE—FREIGHTERS

Dry-cargo liner fleet of capitalist countries of Europe. N. Volchok, S. Lainer, E. Limonov. Mor. flot 22 no. 4:38-39 Ap '62.

EUROPE—ORE DEPOSITS

Practice of metallogenic zonation of Europe. F. E. Zakharov. Zakonom. razm. polezn. iskop. 2:5-24 '59.

EUROPE, EASTERN—AGRICULTURE

Os'mova, M. N. [Building of socialism in the agriculture of the European people's democracies] Stroitel'stvo sotsializma v sel'skom khoziaistve evropeiskikh stran narodnoi demokratii. [Moskva] Izd-vo Mosk. univ., 1961. 57 p. (DA)

EUROPE, EASTERN—BUILDING—PRICES

Price determination in the construction industry of Czechoslovakia, the German Democratic Republic, and Poland. A. Zhuk. Ekon. stroi. no. 1:53-59 Ja '62.

EUROPE, EASTERN—CIVIL PROCEDURE

"Civil procedure in the European people's democracies" by A. F. Kleinman. Reviewed by Zh. Stalev. Sov. gos. i pravo 32 no. 5:153-154 My '62.

EUROPE, EASTERN—INDUSTRIAL MANAGEMENT

"Improving the forms of industrial management in the European people's democracies." Reviewed by V. Grazinov, V. Gel'bras. Vop. ekon. no. 4:124-129 Ap '62.

EUROPEAN COMMON MARKET

Common market and the difference of opinion in England. Konnie Zilliacus. Nov. vrem. 20 no. 23:18-19 Je '62.

The "Common Market" is a device for the intensification of monopolistic oppression and aggression. V. Chepranov. Kommunist 39 no. 8:22-35 My '62.

"'Common market' of six European countries" by P. N. Suslin. Reviewed by E. Menshinskii. Vneshn. torg. 42 no. 5:44-46 '62.

Trojan horse of NATO in Northern Europe. K. Obolenskii. Nov. vrem. 20 no. 19:19-22 My '62.

EUROPEAN FOUL BROOD see Foul brood, European

EUROPEAN WAR, 1914-1918

Antiwar activity in the 12th Army of the North Front at the end of 1916. P. Khromov. Voen.-ist. zhur. 4 no. 4:119-122 Ap '62.

History of the Bolshevik antimilitarist propaganda directed by V. I. Lenin, a review of letters of V. I. Lenin from 1914 to 1917. A. P. IAkushina. Vop. ist. KPSS 6 no. 2:155-162 '62.

EUROPIUM

Sorption and following desorption of ytterbium and europium on granular ion exchangers in an electric field. A. B. Davankov and others. Zhur. prikl. khim. 35 no. 4:769-773 Ap '62.

EUROPIUM CHLORIDE CRYSTALS—OPTICAL PROPERTIES

Anomalous dispersion of the birefringence in hexahydrate europium chloride crystals. N. K. Bel'skii. Dokl. AN SSSR 143 no. 6:1313-1316 Ap '62.

EURYGASTERS see subdivision under Transcaucasia

EUTECTICS

Retarding the eutectoid decomposition in chromium-containing titanium-aluminum alloys. F. K. Molchanova, N. F. Lashko. Metalloved. i term. obr. met. no. 4:54-56 Ap '62.

EVAPORATION

(see also subdivision under Syr Darya Valley)

Evaporation of a solid body absorbing radiant energy. E. M. Shakhov. Inzh. zhur. 1 no. 1:27-36 '61.

Thermal and diffusion relaxation of an evaporating drop [with summary in English]. M. V. Butkov. Inzh.-fiz. zhur. 5 no. 4:78-81 Ap '62.

EVENING AND CONTINUATION SCHOOLS

(see also subdivision under Orel)

From the practice of educational work. Z. Tret'iakova. Nar. obr. no. 4:80-82 Ap '62.

Psychological preparedness of working youth for education. D. F. Nikolenko. Rad. shk. 40 no. 4:29-32 Ap '62.

Reorganization of evening schools. I. Naumchenko. Nar. obr. no. 4:76-79 Ap '62.

Supplementary leaves for students. N. Parshina. Sov. profsoiuzy 18 no. 9:45-46 My '62.

EVENKI NATIONAL AREA—ECONOMIC GEOGRAPHY

Dicharov, Z. L. [To the land of taiga pathfinders] V stranu taezhnykh sledopytov. Moskva, Gos. izd-vo geogr. lit-ry, 1962. 102 p.

EVIDENCE (LAW)

Presentation of evidence according to the criminal procedure code of the Ukrainian S. S. R. M. Hrodzyns'kyi. Rad. pravo no. 2:56-61 Mr-Ap '62.

EVIDENCE, CRIMINAL

Criminal expertise at the place of crime. L. Moroz. Rad. parvo no. 2:76-79 Mr-Ap '62.

EVIDENCE, CRIMINAL (Continued)
Kievskii nauchno-issledovatel'skii institut sudebnoi ekspertizy. [Photographic and physical methods in the examination of material evidence, a manual for experts, criminal investigators, public prosecutors, and court personnel] Fotograficheskie i fizicheskie metody issledovaniia veshchestvennykh dokazatel'stv, posobie dlia ekspertov, raboinikov organov doznaniia, prokuratury i suda. Pod red. N. M. Zluskina i B. R. Kirichinskogo. Moskva, Gos. izd-vo iurid. lit-ry, 1962. 541 p.

EVIDENCE, EXPERT
(see also subdivision under Kazakhstan)
Work of the agencies of forensic expertise should contribute to the solution of new problems. B Pinkhasov. Sots. zakon. 39 no 3 92 Mr '62.

EVOLUTION
"Evolution, Marxian biology, and the social scene" [in English] by C. Zirkle. Reviewed by A. IA. IAkimov. Nauch. dokl. vys. shkoly, filos. nauki 5 no. 2:139-141 '62.
Explanation of the teleology of nature. H. Hurlev. Voiov. ateist. no. 5.10-13 My '62.
M. V. Lomonosov and the crisis of metaphysics in descriptive natural science of the middle of the 18th century. L. IA. Bliakher. Vop. ist. est. i tekh. no. 12 132-141 '62.
"Theory of sexual selection" by L. Sh. Davitashvili. Reviewed by A. N. Ivanov. Priroda 51 no. 4:120-121 Ap '62.

EXAMINATIONS
Let's finish the school year in a well planned and successful way. Nar. obr. no 4:69-00 Ap '62.

EXAMINATIONS, MEDICAL see Diagnosis

EXCAVATING MACHINERY
(see also subdivision under Babayevo region, Bashkiria)
Automatic digging of drainage trenches with given bed inclination. V. P. Uspenskii and others. Gidr. i mel. 14 no. 3:33-45 Mr '62.
Development of designs for single-bucket excavators. V. A. Riakhin. Stroi. i dor. mash. 6 no. 11:8-12 N '61.
Digging prospecting trenches with D-254 plow-type trench digger. I. S Bradikhin and others. Razved. i okh. nedr 26 no. 3 19-21 Mr '62
Effect of oversized pieces of ore on the productivity of an excavator in underground mining. A. I. Biurin, S. S. Muzgin. Trudy Inst. gor. dela AN Kazakh. SSR 8:87-91 '61.
Effect of temperature on the basic parameters of the drive of an excavator with electric controls M. I. Kraitsberg and others. Stroi. i dor. mash 7 no. 3:21-24 Mr '62.
Experimental study of a rotary bucket excavator with a theoretical productivity of 2100 m^3/hr. V. IU. Chudnovskii Izv. vys. ucheb. zav., gor. zhur. 5 no. 2.115-123 '62.
Improving dumping operations in open pits. A. A. Lebedkova Izv. vys. ucheb. zav., gor. zhur. 5 no. 2:12-17 '62.
Increase in the supply of excavators in the U. S. S. R. Stroi. i dor. mash. 7 no 3-37 Mr '62.
New pit digger A. IA. Gol'din. Stroi. i dor. mash. 7 no. 3:24-25 Mr '62.
On a trench-digging machine. V. Gladkin. Tarsh.-serzh no 4:8 Ap '62
Program control of the operations of a wheel-type excavator. A. F. Kotov, IA. S. Kravchenko. Mekh. i avtom. proizv. 16 no. 4:30-41 Ap '62.
Resistance of the ground to cutting by the rotary working part of a canal excavator. L. P. Zaitsev. Vop. gidr. no. 3:133-140 '61.
Ultimate moment clutch of the pressure mechanism of the E-2005 excavator. V. S. Rubiev Stroi. i dor mash 7 no. 3:19-21 Mr '62.

EXCAVATING MACHINERY—ELECTRIC DRIVING see subdivision under Cholyabinsk Basin

EXCAVATING MACHINERY—EQUIPMENT AND SUPPLIES see subdivision under Karpinsk region

EXCAVATIONS (ARCHAEOLOGY)
(see also subdivision under Gissar Valley; Soviet Central Asia; Tajikistan)
Expeditions. Soob. Gos. Erm. no. 21:73 '61.

EXCISION OF HIP
Late results of osteoplastic hip amputations [with summary in English]. V. G Kozhina. Vest. khir. no. 4: 78-84 '62.

EXCITONS
Exciton and its motion in the crystal lattice. E. F. Gross. Usp. fiz. nauk 76 no. 3:433-466 Mr '62.
Exciton reflection spectrum of copper oxide crystals in the ultraviolet region. E. F. Gross, Chzhan Guan-in' [Chang Kuang-yin]. Dokl. AN SSSR 143 no. 6:1321-1324 Ap '62.
Negative absorption due to indirect exciton recombinations in a semiconductor. O. N. Krokhin. Fiz. tver. tela 4 no. 3:822-825 '62.
Theory of exciton heat conductivity. S. I. Koroliuk. Fiz. tver. tela 4 no. 3:790-800 '62.

EXCITONS—SCATTERING
Interaction of a nonlocalized exciton and an F^1 center Z. S. Kachlishvili Fiz tver. tela 4 no 3.736-744 '62.

EXECUTIONS (LAW)
She lives for other people. A. Gorin. Sov. iust. no. 5: 23-24 Mr '62
Who is to blame? IA Ruskin Sots. zakon. 39 no. 3:60-61 Mr '62

EXERCISE
The best medicine, a popular science film. V. IA. Lagutina. Zdorov'e 8 no. 4:32 Ap '62.
Effect of passive and active rest on the state of the cardiovascular system during subsequent work and relaxation after work. S. I Krapivinteeva, R. I. Plaikovskaia, M. A. Minaeva. Teor i prak fiz. kul't 25 no 3.41-47 Mr '62.
Experimental study on overcoming difficulties in dynamic work [with summary in English]. A. S. Egorov. Vop. psikhol. 8 no. 1:19-27 Ja-F '62.

EXERCISE THERAPY
Gandel'sman, A. B., ed. [Exercise therapy in the pediatric orthopedic clinic] Lechebnaia fizicheskaia kul'tura v detskoi ortopedicheskoi klinike. [Leningrad] Medgiz, 1961. 191 p. (Biblioteka prakticheskogo vracha) (DNLM)
Vinokurov, D. A. [Exercise therapy in myocardial infarction] Lechebnaia fizkul'tura pri infarkte miokarda. [Leningrad] Medgiz, 1962. 35 p. (Nauchno-populiarnaia meditsinskaia literatura) (DNLM)

EXHAUSTION see Fatigue

EXISTENTIALISM
Chalin, M. L. [Philosophy of despair and fear] Filosofiia otchaianiia i strakha. Moskva, Gos. izd-vo polit. lit-ry, 1962. 126 p.

EXPERIMENTAL PATHOLOGY see Pathology, Experimental

EXPERT EVIDENCE see Evidence, Expert

EXPLOSIONS
IAkovlev, IU. S. [Hydrodynamics of explosions] Gidrodinamika vzryva. Leningrad, Sudpromgiz, 1961. 312 p.

EXPLOSIONS, UNDERWATER see Underwater explosions

EXPONENTIAL FUNCTIONS see Functions, Exponential

EXPORT CREDIT
Promissory note in the international commercial turnover. F. Bystrov. Vnesh. torg. 42 no. 4:34-39 '62.

EX-SERVICE MEN see Veterans

EXTRACTION (CHEMISTRY)
Conference on extraction in analytical chemistry. I V Seriakova Zhur anal. khim. 17 no. 2:269-271 Mr-Ap '62.
Recovery of gallium by liquid extraction in a continuous injection column. N. I. Gel'perin, M. G. Asumus, S. S Korovin. Zhur. prikl khim. 35 no 3.516-510 Mr '62
Zolotov, IU. A., ed. [Extraction in analytical chemistry and radiochemistry. Translated articles] Ekstraktsiia v analiticheskoi khimii i radiokhimii. Moskva, Izd-vo inostr. lit-ry, 1961. 360 p.

EXTRACTION (CHEMISTRY)—NOMENCLATURE
Nomenclature of extraction. I. P. Alimarin, IU. A. Zolotov. Zhur. anal. khim. 17 no. 2:263-266 Mr-Ap '62

EXTRACTION APPARATUS
Hydrodynamic characteristics of rotating-disk extractors. A. G. Kasatkin, S. Z. Kagan, V. G. Trukhanov. Khim. prom. no. 3:190-195 Mr '62.

EXTREMITIES (ANATOMY)—BLOOD SUPPLY
Mechanism of the action of carbon dioxide on the vessels of the extremity in the cat [with summary in English] N. M. Ryzhova. Biul. eksp. biol. i med. 53 no. 4 12-15 Ap '62.

EXTREMITIES (ANATOMY)—DISEASES
Determining the lameness degree in animals. S. N. Martianov. Veterinariia 38 no. 1:62-63 Ja '61.

EXTREMITIES (ANATOMY)—DISLOCATION
Treatment of open dislocations of the extremities. M. N. Farshatov, IU. I. Glebov. Vest. khir. no. 4:70-74 '62.

EXTREMITIES (ANATOMY)—FRACTURES
Treatment of animals with bone fractures. P. M. Rodin. Veterinariia 38 no. 1:61-62 Ja '61.

EXTREMITIES (ANATOMY)—INNERVATION
Effect of lycorine alkaloid on the interoceptors of vessels of the spleen, intestines and hind leg. A. A. Altymyshev. Trudy Semipal. med. inst. 2:67-71 '59.

EXTREMITIES, LOWER—BLOOD SUPPLY
Congenital multiple arteriovenous anastomoses of the right lower extremity. N. I. Krakovskii, S. M. Musaev. Vest. khir. no. 4:91-94 '62.
Treatment of obliterating thrombangiopathy of the lower extremities with alcohol-novocaine blockade of the sympathetic ganglia. A. P. IUrikhin. Nov. khir. arkh. no. 3:53-55 '62.

EXTREMITIES, LOWER—DISEASES
Our experience with the surgical treatment of thrombophlebitis of the lower extremities. A. I. Vasilevskii. Nov. khir. arkh. no. 3:15-20 '62.

EXTREMITIES, LOWER—FRACTURES
Medicolegal estimation of the severity of closed fractures of the large joints of the lower extremities. M. B. Tabakman. Sud.-med. ekspert. 5 no. 1 11-14 Ja-Mr '62.

EXTREMITIES, LOWER—ULCERS
Treatment of varicose trophic ulcers of the lower extremities with hemolyzed blood in the polyclinic. S. N. Genyk. Nov. khir. arkh. no. 3 13-14 '62.
Vacuum therapy of trophic ulcers with simultaneous autoplastic skin transplantation. A. A. Safronov. Nov. khir. arkh. no. 3:3-8 '62.

EXTREMITIES, UPPER—SURGERY
Results of neurotenorrhaphy on the upper extremities. IU. M Volobuev. Zdrav. Turk 6 no. 1 21-24 Ja-F '62.

EXTRUSION (METALS)
Vaintraub, D. A., and others. [Cold extrusion] Kholodnoe vydavlivanie; obzor. Leningradskii dom nauchno-tekhnicheskoi propagandy. Seriia: Goriachaia i kholodnaia obrabotka metallov davleniem)
No. 1. 1961. 62 p.

EXTRUSION (PLASTICS)
Determination of the extrusion-rheological properties of plastics by forcing them through a narrow annular slot N. P. Shanin. Plast. massy no. 5:62-63 '62.
Performance of multiple-screw extruders with meshing worms. V N. Konstantinov, A. N. Levin. Plast massy no. 5.47-52 '62.

EYE
Histochemical reactions of the eye to the administration of BCG vaccine and Alt tuberculin [with summary in English]. A. I. Nagdaseva. Vest. oft. no. 2:30-35 '62.
Study of the oculocardiac reflex at various moments of static muscular effort [with summary in English]. V. I. Dedlovskaia. Biul. eksp. biol. i med. 53 no. 4:21-25 Ap '62.

EYE—ACCOMODATION AND REFRACTION
Dispensary care of children with anomalies of refraction and with concomitant strabismus in the consolidated hospital [with summary in English] R. P Pozdniakova. Oft. zhur. no. 2 100-106 '62

EYE—DISEASES AND DEFECTS
(see also subdivision under Ukraine)
Changes in the eye in tuberculous meningoencephalitis [with summary in English]. Florentina Lascu, Maria Niculescu. Vest. oft. no. 2:35-41 '62.
Lesion of the eyes in marble disease (Albers-Schönberg disease) [with summary in English]. L. A. Dymshits and others. Vest. oft. no. 2:52-55 '62.
X-ray examinations in congenital toxoplasmosis [with summary in English]. G V. Panfilova, N. I Shpak Oft zhur no 2 82-87 '62.
Xeroderma pigmentosum with eye manifestations V. G. Alekseeva. Oft zhur. no. 2:114-116 '62.

EYE—EXAMINATION
Examination of the fundus in purple light [with summary in English]. A. M. Vodovozov Oft. zhur. 16 no. 6:467-472 '61.

EYE—INFLAMMATION
Intravenous administration of novocaine during periodical eye inflammation in horses. G. S. Mastyko, E. M. Bagrinovskaia, M. M. Zhuk. Veterinariia 37 no. 10 53-54 O '60.

EYE—MUSCLES—ANOMALIES
Correction of vertical strabismus capsulorrhaphy in congenital of the rectus inferior muscle mary in English]. A. N. Maksim 55-57 '62.

EYE—SURGERY
Effectiveness of transplantation o the anterior chamber of the eye lish]. T. F. Bredikhin. Biul. ek no. 3 92-96 Mr '62.
How to avoid injury of the iris in I. Stoencheva. Oft. zhur. 16 no
Method for sterilizing hair used i of eye wounds. N. A. Rogova. 2 344-346 '60.
Trepanocyclogoniotomy with dial summary in English]. B. A. Tol 24-30 '62.

EYE—TENSION see Intraocular p

EYE—WOUNDS AND INJURIES
(see also subdivision under Don
Eye burns. M. G. Margolis. Fel' 18-20 Mr '62.
Eye injuries on the streets of urb degrees of air pollution. I. D. N 26 no. 8:66-69 Ag '61.

EYE, INSTRUMENTS AND APPARATUS FOR
Apparatus for testing visual acuity. N. D Danilov. Fel'd. i akush 27 no. 3:37-11 Mr '62

Indicator for measuring intraocular pressure [with summary in English]. L. A. Linnik. Oft. zhur 16 no. 6:476-479 '61

Modified model of a headband for use in subtotal keratoplasty [with summary in English] O. M Romanko. Oft. zhur. 16 no. 6 479-482 '61.

Proper construction of a campimeter [with summary in English]. A. I Gorban', A N Ignat'ev Oft zhur 16 no. 6.461-467 '61

EYELIDS—SURGERY
Use of a stent in free skin transplantation on the eyelids. G. V. Legeza Oft zhur. no 2 110-112 '62

EYELIDS—TUMORS
Case of myoblastomyoma in the eye region V L. TSvetkov, G M Bekker Oft zhur no. 2 112 '62

FABRITSIUS, IAN FRITSEVICH, 1877-1929
Regiment continues on its course. V. Sokolov Starsh.-serzh. no. 2 8-9 F '62.

FACE—CANCER
Metastases of a skin melanoma of the head to the ovary. V. A Mandel'shtam. Vop. onk. 8 no. 4 83-85 '62.

FACE—NECROSIS
Case of gangrenous dermatitis of the face in a 1-year-old child. A. V. Konstantinov. Pediatriia no. 4 87-88 '62.

FACE—WOUNDS AND INJURIES
Method for treating first and second degree burns of the face. Kh. A. Badalian. Trudy Semipal. med inst. 2 331-337 '59.

FACSIMILE, RADIO see Radio facsimile

FACTORIES—COMMUNICATION SYSTEMS see subdivision under United States

FACTORIES—DESIGN AND CONSTRUCTION
Attention, new workshops are put into operation P Ermakov Okhr truda i sots. strakh 5 no. 4 11-12 Ap '62
Designing buildings for alumina shops of aluminum plants in the eastern part of the U S S R. N. V. Aleshchenko Trudy NII prom zdan i sooi. no. 5 13-24 '61
Standard design of a bakery with a daily capacity of 140 tons of bakery products. M. A. Kuznetsov. Khleb. i kond. prom. 6 no. 4:19-22 Ap '62.

FACTORIES—FIRES AND FIRE PREVENTION
"Fire hazards in manufactures using gases and liquids" by A. N. Baratov, M. G. Godzhello. Reviewed by M. Alekseev. Pozh. delo 8 no. 3:31 Mr '62.

FACTORIES—HEATING AND VENTILATION
New solutions of the organization of air exchange and the design of ventilation equipment in hot shops. I. A. Glushkov. Izv. vys. ucheb. zav., stroi. i arkhit. 5 no. 1: 155-161 '62.
Ventilation of the sewing workshops of shoe factories. Z. A. Volkova. Gig. truda i prof. zab. 4 no. 4:52-55 Ap '60.

FACTORIES—LIGHTING
Discussion of artificial lighting in windowless and skylightless industrial buildings [with summary in English] N. M. Dantsig, A. P. Laptev Gig. truda i prof. zab 6 no. 3:38-42 Mr '62.

FACTORIES—LOCATION
Linear programming method in planning the optimum distribution of industrial enterprises producing building materials. I. Birman Ekon. stroi. no. 3:52-59 Mr '62

FALLOPIAN TUBES—INFUBATION
Apparatus for hydrotubation. Sh. I Shlindman. Ped., akush. i gin 23 no 3:50-52 '61

FALLOPIAN TUBES—RADIOGRAPHY
Complications in hysterosalpingography [with summary in English]. E. S. Kononova. Vest. rent. i rad. 37 no 2 47-49 Mr-Ap '62.

FALLOWING see subdivision under Kazakhstan; Mordovia

FAMILY
There are such families.... A. Lebedenko. Oktiabr' 39 no. 1:173-175 Ja '62.
Trained by life V. Ivanova Moskva 6 no 1 164-165 '62

FANS, ELECTRIC
Concerning the use of a liquid rheostat in the rotor circuit of an asynchronous motor used to control the performance of draft and blowing machines N R Polovenko Energetik 10 no 4.9-13 Ap '62
Devices which help to preserve cheerfulness. Zdorov'e 8 no. 3:11 Mr '62.

FANS, MECHANICAL
Axial forces in marine centrifugal fans. M V. Aptekar', K. A. Bezlomtsev Sudostroenie 28 no 1.25-28 Ap '62
Economical dust removal from gas in a centrifugal field. O. A Bogaevskii. Trudy Sem. po gor. teplotekh no. 3: 113-118 '61.
Normal operation range of general purpose centrifugal fans with low and medium pressure. A. G Bychkov Prom. aerodin. no. 21 106-115 '62.
Selecting a normal series of basic dimensions for centrifugal fans. A. G Bychkov. Prom. aerodin. no. 21:116-150 '62
Selecting the inlet diameter for centrifugal fans and pumps. A G. Bychkov. Prom aerodin no. 21 88-105 '62.
The TS-97/2 centrifugal two-way fan designed by the Central Aero-Hydrodynamic Institute. I. L Lokshin, K V Chebysheva Prom. aerodin no. 21 76-87 '62.

FANS, MECHANICAL—TESTING
Effect of rated parameters of axial-flow fans on their adjustment properties at a turn of impeller blades and the guide mechanism. I V Brusilovskii. Prom. aerodin. no 21 32-52 '62
Effect of the radial gap on flow structure and pressure losses in an axial-flow fan A. V Kolesnikov. Prom aerodin. no 21 5-31 '62.
Effect of the relative value of circulation in elements on the characteristics and dimensions of axial-flow fans. I. V. Brusilovskii. Prom. aerodin no. 21 53-75 '62.

FAR EAST—AXINITE
Axinite and datolite in skarn complex metal deposits of the Far East N. N. Mozgova Izv. AN SSSR, Ser geol 27 no 4:40-49 Ap '62

FAR EAST—DATOLITE
Axinite and datolite in skarn complex metal deposits of the Far East. N. N. Mozgova Izv. AN SSSR, Ser. geol. 27 no. 4:40-49 Ap '62.

FAR EAST—ETHNOLOGY
"Maps of the peoples of China, the Mongolian People's Republic, and Korea" and "A map of the peoples of Indochina" by S. I. Bruk. Reviewed by S. Arutiunov. Sov. etn. no. 2:163-165 Mr-Ap '62.

FAR EAST—JOURNALISM—CONGRESSES
What they talked about in "Sala santitam." B. Karpovich. Sov. pech. no. 3:59-61 Mr '62.

– – – – – – LITICS
powers in the Far East on the eve of War" by G. N. Sevost'ianov. Reviewed Nar. Azii i Afr. no. 2.220-225 '62.

see Soviet Far East

., 1791-1867
in the works of M. Faraday and James ukov. Vop. ist. est. i tekh. no. 12:

ee subdivision under Dniester Valley

FIRES AND FIRE PREVENTION
ion under Moscow Province; Vin-

barns, D. Kulikov, Pozh. delo 8 2.

Communarka" state farm. M. Gorbu- no. 3:7 Mr '62.

Field crops

ation of fixed assets. L. A. Umanskii. hoz i sovkhoz. 19 no. 4:51-54 Ap '62.
ots. I. Zalkovskii. IUn. nat. no. 3

FARM MANAGEMENT
(see also subdivision under Uzbekistan)
Baev, A. I. [Work practice of mixed brigades] Opyt raboty kompleksnykh brigad. Moskva, Izd-vo "Znanie," 1961. 39 p. (Narodnyi universitet kul'tury Sel'skokhoziaistvennyi fakul'tet, no. 19)
Cheshkov, A. F. [Integrated mechanized brigades and teams] Kompleksnye mekhanizirovannye brigady i zven'ia. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 133 p.
(DA)
Ignatov, L. P., and K. S. Starovoitov. [Some problems of agricultural planning] Nekotorye voprosy planirovaniia sel'skogo khoziaistva. Moskva, Izd-vo ekon. lit-ry, 1961. 207 p.
(DA)
Land utilization on the state stockbreeding farms in Uzbekistan. V. S. Artamonov. Trudy TIIMSKH no 1 221-243 '55.
[State farm director] Direktor sovkhoza. [Moskva] Mosk. rabochii, 1961. 127 p.
(DA)
Volovchenko, I. P., and I. P. Ksenz. [Stable crops] Ustoichivye vysokie urozhai. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 117 p.
(DA)

FARM MECHANIZATION
(see also subdivision under Kagul District; Ukraine, Voronezh Province)
Accounting that is simple and requires but a small amount of work in a brigade D. F Bez'. Uchet i fin. v kolkhoz i sovkhoz. 19 no. 4:30-32 Ap '62.
Basic problems of the over-all mechanization in socialist agriculture. Pyt. ekon. sil'. hosp URSR no. 3:3-12 '61.
Concerning the development of overall mechanization in agricultural work. M. Matsepuro. Tekh. v sel'khoz. 22 no. 4.1-3 Ap '62.
Economic effectiveness of the mechanization of heavy work on dairy and swine farms. L. H. Halamaha Pyt. ekon. sil'. hosp. URSR no. 3:120-126 '61.
Evaluation of the work conditions of tractor drivers and agricultural machinery operators. G. I Ilogineskii. Trakt. i sel'khozmash. 32 no. 4.27-28 Ap '62.
In the direction of overall mechanization V. Tiupko Part zhizn' [Uzb.] 5 no. 2:30-42 F '62.
Machinery for the mechanization of livestock farms. V. I. Moroz. Mashinostroenie no. 2:98-100 Mr-Ap '62.
Machinery of plenty. I. A. Budzko. Znan sila 37 no 4: 26-29 Ap '62.
Mechanization of minor operations in animal husbandry. S. Betin. Tekh. v sel'khoz. 22 no. 4:40-42 Ap '62.
Methods for determining economic effectiveness of the introduction of new machinery in agriculture. I H. Kovtun. Pyt. ekon. sil' hosp. URSR no. 3:35-42 '61.
System for unloading silage grass. I. Vichinkin. Tekh. v sel'khoz. 22 no. 4:05-07 Ap '62.
Ul'ianov, A. F., and V. G. Koba. [Overall mechanization of livestock farms] Kompleksnaia mekhanizatsiia v zhivotnovodstve. [Saratov] Saratovskoe knizhnoe izd-vo, 1961. 261 p.
(DA)
[Working the Gitalov way] Rabotat' po-gitalovski. [Belgorod] Belgorodskoe knizhnoe izd-vo, 1962. 25 p.
(DA)

FARM MECHANIZATION—BIBLIOGRAPHY see Bibliography—Farm mechanization

FARM MECHANIZATION—STUDY AND TEACHING
(see also subdivision under Altai Territory; Cuba)
A. Gitalov's progressive methods are at the basis of training. B. Uspenskii. Prof.-tekh. obr. 19 no. 3-6-6 Mr '62.
Agriculture should have qualified machine operators. Prof.-tekh. obr. 19 no. 4:1-2 Ap '62.
Changes and additions in programs for the training of machine operators. Prof.-tekh. obr. 19 no. 3:1-3 Mr '62.
Communist Youth League on a great march F. Cherkashin Prof.-tekh. obr 19 no 4-8-9 Ap '62
The foreman is a central figure in educational work. N. Sokolenko. Prof.-tekh. obr. 19 no. 3:21-22 Mr '62.
Heading for the beacon lights. M. Muchnik, A. IArevoi. Prof.-tekh. obr. 19 no. 3:3-4 Mr '62.
Individual practice in driving a tractor and tractor aggregates. I. G. Kitaev. Shkola i proizv. 6 no. 4 32-35 Ap '62.
Let's train qualified agricultural workers. Sov. pedag. 26 no. 4:3-9 Ap '62.
Petr Sapunov, machine operator and plant breeder. G. Smirnov. Prof.-tekh. obr. 19 no. 3:7-8 Mr '62.
Studying agricultural machinery in pedagogical institutes. K. F. Sokov, V. K. Belikov. Shkola i proizv. 6 no. 3:88-90 Mr '62.
Studying the practice of agricultural innovators. A. Romanenkova. Prof.-tekh. obr. 19 no. 3:8-7 Mr '62.
Teaching farm mechanization. V. K. Belikov. Shkola i proizv. 6 no. 4:27-32 Ap '62.

FARM PRODUCE—TRANSPORTATION
Further upswing of agriculture and tasks of railroad transportation. Zhel. dor transp. 44 no 4:3-7 Ap '62.

FARMING, PART-TIME see Part-time farming

FARRIERY see Veterinary surgery

FASHION
[Season's fashions; Spring-Summer] Mod. sez. no. 1 vesna-leto 1962.
That people should dress well. L. Efremova. Sov. torg 35 no. 4:39-44 Ap '62.

FASTING
Fasting therapy, preliminary report [with summary in English]. A. N. Bakulev, R. S. Kolesnikova Klin. med. no. 2:14-21 '62

FAT
Change in the chemical indices of dietary fats under the action of ionizing radiations [with summary in English]. A. A. Fomin. Gig. i san. 27 no. 3:34-39 Mr '62.
Changes in the active body mass and fat reserve in female gymnasts during training courses of different intensity. J. Parizkova. Teor. i prak. fiz. kul't. 25 no. 4 37-40 Ap '62.
Isotope method for the determination of fat assimilation [with summary in English] Vl. Grashina and others Vop. med khim. 8 no. 2:214-217 Mr-Ap '62

FATIGUE
Variation in the physiological indicators of work. IU. M. Chernetskii. Teor. i prak. fiz. kul't. 25 no. 4:55-58 Ap '62.

FATIGUE TESTING MACHINES
The UM-3 testing machine. A. M. Kitaev, IU. V. Sokolov. Av. prom. 26 no. 8:33-34 Ag '57.

FATTY ACIDS see Acids, Fatty

FAULTS (GEOLOGY)
(see also subdivision under Nev'yansk region; Tien Shan; Turkmenistan; Ural Mountain region)
Problem of long-term resistance of argillaceous earths in faults S. R. Meschian Izv AN Arm SSR. Ser. fiz.-mat. nauk 15 no. 2 161-172 '62

FAVORSKII, VLADIMIR ANDREEVICH, 1886-
Talent and work. I. Miamlin. Neva no. 1:201-208 '62.

FECES—ANALYSIS
Coprological characteristics of healthy calves of various ages. A. M. Smirnov. Veterinariia 38 no. 1:80-81 Ja '61.
Excretion of the enzymes enterokinase and alkaline phosphatase with the feces in chronic enteritis and enterocolitis. K. B. Bakhadyrov. Med. zhur. Uzb no. 2:59-62 F '62

FEDIN, KONSTANTIN ALEKSANDROVICH, 1892-
Bonds of time; remarks on the works of K. A. Fedin B. IA. Brainina. Izv. AN SSSR. Otd. lit. i iaz. 21 no 2: 125-127 Mr-Ap '62
A brilliant and instructive life, K. A. Fedin's seventieth birthday. Z. Udonova. Oktiabr' 39 no. 2:195-199 F '62.
The writer and his theme. P. Shirmakov. Neva no. 2: 178-181 '62.

FEDOROV, EVGENII PETROVICH
Khakhalin, L. A. [Master of the night sky] Khoziain nochnogo neba. [Leningrad] Lenizdat, 1961. 101 p. (Nashi sovremenniki)

FEDOROV, MIKHAILO VASYL'OVICH, 1898-1961
Mykhailo Vasyl'ovych Fedorov; obituary. Mikrobiol. zhur. 23 no. 4:68 '61.

FEDOROV, STEFAN MITROFANOVICH, 1880-1961
In memory of S. M. Fedorov (1898-1961). G. IA. Bel-Bienko Ent. oboz. 41 no. 1:241-244 '62.

FEDOROV, VLADIMIR IVANOVICH, 1925-
"A bag full of hearts" by Vl. Fedorov. Reviewed by G. Legen'kii. Neva no. 3:192-193 '62.

FEDOSOVA, IRINA ANDREEVNA, 1831-1899
History of the publication of I. A. Fedosova's "Lamentation on the village elder," K. V. Chistov. Sov. etn. no. 2:120-124 Mr-Ap '62.

FEDOTOVA, OLENA MYKHAILIVNA, 1864-1960
In memory of O. M. Fedotova. S. M. IAmpol'skyi and others. Ped., akush. i gin. 23 no. 6:34 '61.

FEED MECHANISMS
Analytic determination of basic parameters of feed devices. A. M. Dinaburg. Mekh. i avtom. proizv. 16 no. 3:13-17 Mr '62.
Feeding at sea. V. I. Tereshchenko. Sudostroenie 28 no. 3:11-14 Mr '62.

FEED MILLS see subdivision under Tashkent

FEEDS
(see also subdivision under Altai Territory, Polesye)
Checkrow method for planting feed crops. A. I. Tiutiunnikov. Trudy MIMESKH 4 no. 2:63-77 '59.
Effect of feeds grown with the application of gibberellin on the animal organism. N. B. TSirel'son, P. S. Ionov. Veterinariia 37 no. 10 53-54 O '60.
Fermentation activity of fodders. G. D. Gur'eva Trudy AZVI 9 91-96 '56
Gerasimov, S. IA. [Enrichment of mixed feeds with vitamins, trace elements, and antibiotics] Obogashchenie kombikormov vitaminami, mikroelementami i antibiotikami. Moskva, Zagotizdat, 1961. 97 p. (DA)
Improving research on the production of fodder. A. L. Mikhal'chuk. Zemledelie 24 no. 4 89-91 Ap '62
Introduction of row crops including crop rotations is a basic factor in the establishment of a stable feed supply N. Khukhrev, A. Galitsyn Ekon. sel'khoz 33 no 2. 64-69 F '62

FEEDS—ANALYSIS see subdivision under Kirovograd Province

FEELINGS see Emotions

FELDSPAR see subdivision under Balkhash Lake region

FEMUR—FRACTURE
Comparative analysis of the treatment of lateral and medial fractures of the femoral neck. R. M. Maksudov. Med. zhur. Uzb no. 2,70-75 F '62.

FEMUR—TUMORS
Case of a femoral myxoma. B. S. Saparov. Zdrav. Turk. 6 no. 1 33-34 Ja-F '62.

FENESTELLIDAE, FOSSIL see subdivision under Gornaya Shoriya

FEOFAN, Archbishop of Novgorod, 1681-1736
Feofan, Abp. of Novgorod. [Works] Sochineniia. Pod red. I. P. Eremina. Moskva, Izd-vo Akad. nauk SSSR, 1961. 501 p.

FERDOWSI
"Rustem-dastan, based on motifs from Ferdowsi's 'Shah-name'" [in Kazakh] by Tui magambet Istileuov. Reviewed by R. Berdibaev Nar. Azii i Afr. no 2 246 '62.

FERGANA—ANTIMONY ORES
Importance of lithologic, geologic, and structural factors in the distribution of mercury and antimony mineralization in deposits of southern Fergana N. A. Nikiforov Zakonom. razm. polezn. iskop. 2:411-421 '59

FERGANA—ANTIQUITIES
Painted ceramics in the Fergana valley N. Gorbunova. Soob. Gos. Erm. no. 21:41-44 '61.

FERGANA—ARTERIOSCLEROSIS
Characteristic of the distribution of atherosclerosis of the aorta in the hot climate conditions of the Fergana Valley of the Uzbek S. S. R. M. IA. Laufer. Arkh. pat. no 4 38-42 '62

FERGANA—BATS
Morphoecological characteristics of the blood of vespertilio pipistrellus bactrianus of the Fergana Valley. K. N. Koloss. Dokl. AN SSSR 143 no. 6:1445-1448 Ap '62.

FERGANA—CICADAS
Cicadas as rice pests in eastern Fergana G. K. Dubovskii. Uzb. biol. zhur. 6 no. 2:47-51 '62.

FERGANA—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK
Election campaign is expanding. M. Shkarenko. Part. zhizn' [Uzb.] 5 no 2,53-55 F '62

FERGANA—CONSTRUCTION INDUSTRY
The minister replys Nar. khoz. Uzb 4 no 3 95-96 Mr '62

FERGANA—GEOLOGY, STRATIGRAPHIC
Division of Jurassic sediments in the western Guzan based on the study of clay minerals I. A. Zindel', I. A. Simonenko Uzb. geol. zhur 6 no. 1 41-48 '62
Stratigraphy of Jurassic sediments in the Aldyyar deposit K. A. Alimov, V. A. Kopaev. Uzb. geol. zhur. 6 no 1 62-63 '62

FERGANA—MERCURY ORES
Importance of lithologic, geologic, and structural factors in the distribution of mercury and antimony mineralization in deposits of southern Fergana. N. A. Nikiforov Zakonom. razm. polezn. iskop. 2:411-424 '59

FERGANA—OIL WELL DRILLING
Deep drilling. S. Sarkisov. Nar. khoz. Uzb. 4 no. 3. 35-36 Mr '62.

FERMENTATION
Fermentation activity of fodders. G. D. Gur'eva. Trudy AZVI 9:91-96 '56.
Fermentation preparations are the best means for the improvement of production quality. V. V. Ionova, N. S. Petrenko. Khleb. i kond. prom. 6 no. 4:22-25 Ap '62.

FERMENTATION GUM see Dextran

FERNÁNDEZ DE LIZARDI, JOSÉ JOAQUIN, 1776-1827
Fernández Lizardi, founder of Mexican literature. V. N. Kuteishchikova. Izv AN SSSR. Otd. lit. i iaz. 20 no. 2: 154-160 Mr-Ap '61

FERNS, FOSSIL see subdivision under Turkmenistan

FERRATE CRYSTALS
Dependence of the resonance field in ferrate single crystals on the temperature and dimensions of the sample. A. I. Pil'shchikov, Z. D. Slovokhotova, U. B. Bazaron Fiz. tver. tela 4 no 3:629-633 '62

FERRATES
Effect of nuclear radiation on ferrates M. A. Nizametdinova, E. M. Lobanov Izv AN Uz. SSR Ser. fiz.-mat. nauk 6 no 1:45-48 '62
Thermal effects in ferrites in the presence of ferromagnetic resonance power absorption G. B. Bogdanov Radiotekh. i elektron 7 no 5:806-811 My '62.

FERRITE (STEEL CONSTITUENT)
Machining of ferrites. K. D. Zakharov, D. M. Bal'zamov. Av. prom. 26 no. 8:21-25 '57.

FERROCYANIDES
Determination of radioactive cesium by ferrocyanide. A. IA. Gel'fman, L. Z. Kalmykov Radiokhimiia 4 no. 1 107-110 '62
Interaction of zirconyl chloride with alkali metal ferrocyanides in acidic medium. E. A. Ionova, L. V. Tananaev. Zhur. neorg. khim 7 no 4 791-794 Ap '62

FERROELECTRIC SUBSTANCES
Ferroelectric single crystals with large piezomodull. A. L. Khodakov, M. L. Sholokhovich. Kristallografiia 7 no 2:320 Mr-Ap '62.

FERROELECTRIC SUBSTANCES—SPECTRA
Changes in the infrared spectra of NH_4HSO_4, $RbHSO_4$, and $(NH_4)_2SO_4$ in ferroelectric transitions T. P. Misantkova, A. F. IAtsenko Fiz. tver. tela 4 no 3: 653-656 '62

FERROMAGNETIC RESONANCE
Dependence of the resonance field in ferrate single crystals on the temperature and dimensions of the sample. A. I. Pil'shchikov, Z. D. Slovokhotova, U. B. Bazaron. Fiz. tver. tela 4 no. 3:629-633 '62
Elementary excitation spectrum and the susceptibility tensor of a ferromagnetic ellipsoid. Men Sian'-chzhen' [Mèng Hsien-cheng] Fiz. tver. tela 4 no. 3:705-711 '62
Thermal effects in ferrites in the presence of ferromagnetic resonance power absorption. G. B. Bogdanov. Radiotekh. i elektron. 7 no. 5:806-811 My '62.

FERROMAGNETISM
Spin waves in rhombic antiferromagnetic and weak ferromagnetic substances. N. G. Guseinov Izv. AN Azerb. SSR. Ser. fiz.-mat. i tekh. nauk no. 1,55-64 '62.

FERROSILICON ALLOYS
Structure of "adaptation zones" near low temperature twins in a ferrosilicon alloy. B. V. Molotilov. Kristallografiia 7 no. 2,252-256 Mr-Ap '62.

FERSMAN, ALEKSANDR EVGEN'EVICH, 1883-1945
Aleksandr Evgen'evich Fersman. Trudy Inst. min., geokhim. i kristalokhim. red. elem. no 2:3-4 '59.

FERTILITY
Effect of the injection of calcium gluconate on the fertility in cows [with summaries in English, German, and French]. S. M. Rombe. Vest. sel'khoz. nauki 7 no. 1: 95-99 Ja '62.

FERTILIZATION OF PLANTS
Origin and development of pollen-collecting apparatus in bees (Hymenoptera, Apoidea) [with summary in English] E. K. Grinfel'd Ent. oboz 41 no. 1:65-75 '62.
Variation of fig seedlings when pollinated with foreign pollen [with summary in English] N. K. Arendt. Trudy GNBS 32 49-53 '60
Viability of apple pollen in Novosibirsk Province. V. G. Minaeva Trudy TSSBS no. 4:189-194 '60.

FERTILIZER INDUSTRY
The minister replys. Nar. khoz. Uzb 4 no 3 95-96 Mr '62.
Raise the production of mineral fertilizers to a new high. L. A. Kostandov. Zemledelie 24 no. 4 58-62 Ap '62.

FERTILIZER INDUSTRY—CONGRESSES
Branch Conference of Workers of the Industry of Sulfuric Acid and Phosphorus Fertilizers. P. M. Luk'ianov. Zhur. VKHO 7 no. 2:223-225 '62

FERTILIZERS AND MANURES
(see also subdivision under Ukraine, White Russia)
Baranov, P. A. [Liquid nitrogenous fertilizers] Zhidkie azotnye udobreniia. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1961. 150 p. (DA)
Do it for your collective farm. O. Krotova. IUn. nat. no 3 36-37 Mr '62
Effect of organomineral mixtures on the microflora of soils and the root sytem of plants. E. F. Berezova, E. A. Belov, T. A. Sorokina. Trudy Vses. inst. sel'khoz. mikrobiol. no. 14:192-208 '58.
For a further increase in resources of agricultural minerals. Razved. i okh. nedr 28 no 4.1-7 Ap '62.

FERTILIZERS AND MANURES (Continued)
Increasing the action of fertilizers with slag V. G. Taranovskaia Zemledelie 24 no 1 68-70 Ap '62
Increasing the fertilizing value of manure and organomineral mixtures by bacterization M. IA. Finkel'shtein Trudy Vses. inst. sel'khoz. mikrobiol no. 14 209-212 '58
Influence of granulated fertilizers on the effectiveness of nzotobacter in O. A. Zinchenko Trudy Vses. inst. sel'khoz. mikrobiol no. 14 223-235 '58
Lysenko, T. D. [Nutrition of plants and fertilization of fields] Pitanie rastenii i udobrenie polei. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1961. 15 p. (DA)
Over-all mechanization of the production of peat fertilizers and litter S. Kochet, M. Kalabukhov. Ekon. sel'khoz 33 no 2 76-79 F '62
Prianishnikov, D. N. [Field fertilization and crop rotation; selected articles] Ob udobrenii polei i sevooborotakh, izbrannye stat'i. Moskva, Izd-vo M-va sel'khoz. RSFSR, 1962 253 p.
"Short handbook on fertilizers" by N. D. Kazantseva and others "Organic fertilizers and their use" by L. M. Bodrova and Z. D. Ozolina Reviewed by S. A. Kudrin Zemledelie 24 no. 4 92-96 Ap '62
Ukrains'kii naukovo-doslidnyi instytut fiziologii rosliyn. [Advice for the use of boron fertilizers in agriculture] Rekomendatsii po zastosuvanniu bornykh dobryv u sil's'komu hospodarstvi. Kyiv, Vyd-vo Ukrains'koi akademii sil's'kohospodars'kykh nauk, 1961. 10 p. (DA)

FERTILIZERS AND MANURES—BIBLIOGRAPHY see Bibliography—Fertilizers and manures

FETAL MEMBRANES
Histology and histochemistry of the connective tissue framework of the visceral flap of the yolk sac of rodents [with summary in English] V. K. Balanchuk. Arkh. anat., gist. i embr. 40 no 5 82-84 My '61

FETAL MEMBRANES—INFLAMMATION
Experimental and morphological study of the chorioallantois in the chicken embryo [with summary in English]. A. K. Dondua Arkh. anat., gist. i embr. 42 no 1:65-77 Ja '62

FETUS
Birth of a live fetus in [a case of] hydatid mole P. M. Shitova. Sbor. nauch. rab. Kaf. akush. i gin. GMI no 1 136-140 '60
Effect of hyperthyroidism in pregnancy on the development of fetal spinal cord structures [with summary in English]. N. G. Palenova. Biul. eksp. biol. i med. 53 no. 4 111-115 Ap '62.
Group differentiation of human fetuses (isoserological systems ABO, MNSs, P, and Rh). M. A. Bronnikova and others Sud.-med. ekspert 5 no. 1:31-37 Ja-Mr '62.

FETUS, DEATH OF
Causes and prevention of antenatal fetal mortality. V. M. Falugina. Sov. med 25 no. 1:80-83 Ja '62.

FEUILLETONS
Frivolous genre, feuilleton. Mikola Bilkun. Sov. pech. no. 3 62 Mr '62.

FEVER
Characteristics of the fever reaction in functional change in the adrenal glands. S. A. Selezney. Trudy Semipal. med. inst 2 77-87 '59.
Effect of aminazine of hyperthermia produced by sulfozin. G. I. Zal'tsman, G. P. Lenskii Izv. AN Kazakh. SSR. Ser. med. i fiziol. no. 2 96-100 '61.

FIBER GLASS see Glass fibers

FIBER GLASS REINFORCED PLASTICS see Glass reinforced plastics

FIGHTER PLANES
Fighter planes attack in clouds. P. Sokolov, A. Suvorov. Av. i kosm. 41 no. 4, 48-51 '62

FIGURE SKATING see Skating

FILATIV, MAKAR GERASIMOVICH, d. 1918
Feat in Znamenskaya Square. E. Efremov. Neva no. 2 218-219 '62.

FILMS (CHEMISTRY)
Dependence of the properties of coatings based on pentaphtalic binders on the volume concentration of pigments. S. V. IAkubovich, V. A. Zubchuk, O. G. Kurbatova. Lakokras. mat. i ikh prim. no. 1 12-16 '62.
Synthesis of hydrocarbon-formaldehyde resins and their use of film formers. K. I. Ratnikova. Lakokras. mat. i ikh prim. no. 1 17-20 '62.

FILMS, METALLIC see Metallic films

FILTERS AND FILTRATION
Device for laboratory determinations of the permeability of screens to solutions V. G. Samoilov Izv. vys. ucheb. zav., geol. i razv. 5 no. 3 100-108 Mr '62
Mechanism of action of a layered granular filter [with summary in English]. N. P. Pitelina, IU. V. Krasovitskii. Inzh.-fiz. zhur. 5 no. 4 54-57 Ap '62.
Oil filter improvement. S. Marozas Mor. flot 22 no. 2: 31-32 F '62.
Preparation of steel surfaces of equipment to the application of protective coatings. P. P. Levaniuk Khim. volok. no. 2:64 '62.
Study of the separation of an iron hydroxide suspension by filtration with the use of an auxiliary substance G. P. Baranov, IU. F. Ivin, V. A. Chemezov Khim. prom no. 3, 201-204 Mr '62.
Use of filtering ceramics. M. P. Starichenko. Khim. volok. no. 2:52-53 '62.
Water purification through 2-layer (anthracite-quartz) filters. I. I. Beliaev Gig. i san. 26 no. 8, 100-102 Ag '61.

FINANCE
(see also subdivision under Asia, Germany, East, Japan, Uzbekistan)
In the Collegium of the Ministry of Finance of the U. S. S. R. Fin. SSSR 23 no. 4 91-92 Ap '62
Intradepartmental financial control in the enterprises of Leningrad. L. Fadeeva. Bukhg. uchet 10 no. 3:32-35 Mr '62.
More widely use uniform norms of expenditures. V. Basov. Fin. SSSR 23 no. 4 38-42 Ap '62.
"National income and the finances of the U. S. S. R." by A. G. Zverev. Reviewed by A. Aleksandrov. Fin. SSSR 23 no. 4 88-90 Ap '62.
Volunteers' aid is urgently needed. M. Karasik. Fin. SSSR 23 no. 4 56-57 Ap '62

FINANCIAL EMPLOYEES see subdivision under Moscow

FINGER RINGS see Rings

FINGERS—BLOOD SUPPLY
Chorea in combination with gangrene of the fingers in polycythemia [with summary in French] N. K. Bogolepov. Zhur. nevr. i psikh. 62 no. 1:45-50 '62.

FINGERS—DISEASES
Case of multiple osteochondropathy of the epiphyses of the phalanges of the hands. E. M. Sumnaia. Vest. rent. i rad. 37 no. 2 67 Mr-Ap '62.

FINISHES AND FINISHING
Improving the quality and widening the assortment of acrylic emulsions. V. I. Eliseeva, S. A. Petrova. Kozh.-obuv. prom. 4 no. 2 32-34 F '62.

FINLAND—DESCRIPTION AND TRAVEL
Suomi, the land of the festival. V. Ponizovskii. Vokrug sveta no. 4:33-38 Ap '62.

FINLAND, GULF OF—WATER—POLLUTION
Influence of waste waters from shale processing on open reservoirs. I. A. Veldre. Gig. i san. 26 no. 5, 98-100 My '61.

FINNISH LANGUAGE—DICTIONARIES—RUSSIAN
[Finnish-Russian pocket dictionary] Karmannyi finsko-russkii slovar'. Sostavil IU. S. Eliseev. Svyshe 7000 slov. Moskva, Gos. izd-vo inostr. i natsional'nykh slovarei, 1961. 323 p.

FINNO-UGRIAN LANGUAGES—GRAMMAR, COMPARATIVE—SYNTAX
Principles for the study of syntax; on materials of the Finno-Ugrian languages. K. E. Maitinskaia. Izv. AN SSSR. Otd. lit. i iaz. 20 no. 2:133-142 Mr-Ap '61.

FIR see subdivision under Carpathian Mountain region

FIRE ALARMS
Uninterrupted and accurate functioning. A. Turanov. Pozh. delo 8 no. 4:22-23 Ap '62.

FIRE CONTROL (GUNNERY)
Fire control. G. Shinkarev. Voen. vest. 41 no. 4:104-107 Ap '62.

FIRE DEPARTMENTS
(see also subdivision under Baku, Lvov Province, Sakhalin)
From the history of fire departments A. Shestakov, IU. Golov. Pozh. delo 8 no. 4:30 Ap '62.

FIRE DEPARTMENTS—EQUIPMENT AND SUPPLIES
New radio stations (to be continued). S. Zhdanov, A. Eseev, A. Smirnov. Pozh. delo 8 no 3:25-26 Mr '62

FIRE ENGINES
Devices simplifying the work of the driver. A. Krylov. Pozh. delo 8 no 3:29 Mr '62.
Improving the vacuum systems. S. Bel'chenko, P. Bogdanov. Pozh. delo 8 no 3:23-24 Mr '62.

FIRE EXTINCTION see subdivision under Tambov

FIRE EXTINCTION—CHEMICAL SYSTEMS
A channel appeared in the plug V. Milanov. Starsh.-serzh. no 4:30 Ap '62
Fire extinguishing substances, from materials of foreign publications. Pozh. delo 8 no. 4:32 Ap '62.

FIRE EXTINCTION—EXPLOSION SYSTEMS
Improvement of explosion system in controlling forest fires. G. N. Korovin Les. khoz. 15 no. 4 53-54 Ap '62

FIRE EXTINCTION—SOCIETIES, ETC. see subdivision under Kostroma Province

FIRE PREVENTION
About good people. Pozh. delo 8 no. 3:21 Mr '62
Readers' letters. Pozh. delo 8 no. 3:30 Mr '62.
Readers' letters. Pozh. delo 8 no. 4 31 Ap '62.
Resolutions of Women's Councils. N. Vasil'eva, N. Kazmin, V. Ul'ianov. Pozh. delo 8 no. 3 6-7 Mr '62
This is everybody's concern. S. Farbirovich Pozh. delo 8 no. 3:11-13 Mr '62.

FIRE PREVENTION—INSPECTION
Attention, construction sites! Pozh. delo 8 no. 3:1-2 Mr '62.
Engineer's job. K. Pastukhov. Pozh. delo 8 no. 4 [illegible] Ap '62.
Inspection of lightning arrestors. I. Samoilenko Pozh. delo 8 no. 4:10-11 Ap '62.
The true picture of Titenkov. Pozh. delo 8 no 3:17 Mr '62

FIRE PREVENTION—LAWS AND REGULATIONS
Mounted panel walls. V. Bushev, N. Prokopenko. Pozh. delo 8 no. 3:8-10 Mr '62

FIRE PREVENTION—SOCIETIES, ETC. see subdivision under Novosibirsk

FIRE SPRINKLERS
Use of plastics for sprinklers. N. Voznesenskii, B. Shchepankevich. Pozh. delo 8 no. 4:23-25 Ap '62

FIREARMS—MAINTENANCE AND REPAIR
"How to protect a weapon from corrosion" by V. N. Poddubnyi Starsh.-serzh. no 1:20 Ja '62.

FIREBOATS
Prevented explosion. G. Belinov. Pozh. delo 8 no. 4 31 Ap '62.

FIREBRICK
Manufacture of resin and dolomite firebrick and its testing in service. N. B. Benediktova and others Ogneupory 27 no. 4 151-155 '62

FIREBRICK—TRANSPORTATION
Package method for the transportation of refractories E. M. Belen'kii, I. A. Gol'dberg. Ogneupory 27 no. 4 155-161 '62

FIREMEN see subdivision under Leningrad, Rostov-on Don

FIREPROOFING
Organize the production of fireproof conveyer belts in Armenia E. Simonian. Prom. Arm. 5 no 3:14-18 Mr '62

FIREWORKS
"Firework fun of a master." Reviewed by K. Kostrin. Neva no. 3:221-222 '62.

FIRST AID IN ILLNESS AND INJURY
Al'perovich, I. S., A. N. Varenik, and E. S. Skornitskaia. [First aid in traumatic shock and terminal states] Skoraia meditsinskaia pomoshch' pri travmaticheskom shoke i terminal'nykh sostoianiiakh; opyt Leningradskoi stantsii skoroi pomoshchi. [Leningrad] Medgiz, 1961. 51 p. (Peredovoi opyt organizatsii zdravookhraneniia) (DNLM)
First aid in school accidents. L. I. Aleksandrova Med. sestra 21 no. 4:36-41 Ap '62.

FISCHER-DIESKAU, DIETRICH, 1925-
Three portraits. M. Rubin. Sov. muz. 26 no. 4 90-93 Ap '62.

FISH, FROZEN
Cold storage warehouse for frozen fish (from "Kaelte Technik," no 7, 1961) V L. Pokrovskii Khol tekh, 39 no 2 69-70 Mr-Ap '62.

Modification of the histological texture and additional freezing out of water in fish tissues in connection with cold storage. A. I. Piskarev, A. K. Kaminarskaia Khol tekh 39 no. 2 34-38 Mr-Ap '62

FISH MEAL
Enriching milk with iodine by feeding algae and fish meal to cows. G. P. Gurevich, N. M. Belov. Veterinariia 38 no. 1:71-72 Ja '61.

FISH PROCESSING PLANTS see subdivision under Moscow

FISH TRADE
Two days and three months. A. Alekseandorv. Sov. pech. no. 3 27-28 Mr '62.

FISHERIES see subdivision under Kazakhstan; Kronotskiy Gulf, Kzyl-Orda Province, Yakutia

FISHERMEN see subdivision under China

FISHERY LAW AND LEGISLATION
Liability for the unlawful fishing of valuable fish species. O. Kolbasov. Sov. just. no. 6:16-17 Mr '62.

FISHERY PRODUCTS
"Fishery products" by V. I. Vzorov. Reviewed by N. Berezin and others. Sov. torg. 35 no. 4:37-38 Ap '62.

Make wider use of semiprocessed fishery products. R. Shteiman, I. Trushina Obshchestv. pit. no. 1,5-7 Ja '62.

FISHES
(see also subdivision under Black Sea, Kamchatka region; Kronotskiy Gulf; Kurile Islands region)

Accumulation of strontium and yttrium isotopes in the eggs of marine fishes. G. G. Polikarpov, V. N. Ivanov. Radiobiologiia 2 no. 2:207-210 '62.

FISHES—COLLECTION AND PRESERVATION
Fishes unknown to man. V. Krivoshein IUn. nat no. 3 32 Mr '62

FISHES—DISEASES AND PESTS see subdivision under Kuybyshev Reservoir

FISHES—EMBRYOLOGY see Embryology—Fishes

FISHES—FOOD
Food of larval anchovies in the black Sea. L. A. Duka. Trudy SIS 14:242-256 '61.

Utilization of food by planktonophagous fishes. V. S. Ivlev. Trudy SIS 14:188-201 '61.

FISHES, FOSSIL see subdivision under Carpathian Mountain region

FISHING
Club of "question boxes." IUn. nat no 3 26-27 Mr '62

FISHING BOATS
Mechanization of operations on fishing boats. G. N. Ikhota. Mekh. i avtom. proizv. 16 no. 4:10-22 Ap '62.

FISHPONDS
Commercial aquarium. V. Anokhin. Sov. torg. 35 no. 4:55 Ap '62.

FISSION, NUCLEAR see Nuclear fission

FISSION PRODUCTS
Separation of the rare earth fission fragments from uranium and thorium without a carrier R. V. Sadietskii, K. A. Petrzhak Radiokhimiia 4 no. 1:99-102 '62.

Yields of products of splitting and fission under the effect of high-energy particles. A. N. Murin. Radiokhimiia 4 no. 1,125-128 '62.

FISTULA
Results of the surgical treatment of urogenital fistulae. A. M. Mineeva. Shor. nauch. rab Kaf akush i gin GMI no 1 233-234 '60.

Surgical treatment of a fistula of the pancreas. IU. L. Bagrinovskii. Nov. khir. arkh. no. 3:78-80 '62.

Transplantation of fistulae in alveolar echinococcosis of the liver into the gastrointestinal tract [with summary in English]. I. L. Brogadze, P. A. Ivanov. Khirurgiia 37 no 7:70-74 Jl '61.

FISTULA, ANAL
Atresia of the anus and rectum with fistulas into the sexual system in girls. M. B. Sytkova'kyi. Ped., akush. i gin. 23 no. 3:45-47 '61.

FISTULA, ARTERIOVENOUS
Congenital multiple arteriovenous anastomoses of the right lower extremity. N. I. Krakovskii, S. M. Musaev. Vest. khir no. 4.91-94 '62.

FISTULA, UTERINE
Abdominal approach to treating vesicouterine, vesicocervical and high vesicovaginal fistulae (into the fornix vaginae) S. S. Dobrotin. Shor. nauch. rab, Kaf. akush. i gin. GMI no. 2:112-115 '60.

Case of a uterine-abdominal wall fistula in atresia of the cervical canal. E. A. Zhivotovskaia Shor nauch rab Kaf. akush i gin GMI no 1 167-168 '60

FISTULA, VESICOVAGINAL
Abdominal approach to treating vesicouterine, vesicocervical and high vesicovaginal fistulae (into the fornix vaginae) S. S Dobrotin Shor. nauch rab. Kaf. akush i gin GMI no 2 112-115 '60

FLAME
Calculation of the rate of normal flame propagation in mixtures of hydrogen and chlorine A. G. Istratov Dokl AN SSSR 143 no 6:1380-1383 Ap '62

Theory of flame velocity in systems with chain reactions A. G. Istratov, V. B. Librovich PMTF no 1 66-75 Ja-F '62

FLASHLIGHT PHOTOGRAPHY see Photography, Flashlight

FLATFISHES see subdivision under Kurile Islands region

FLATULENCE
Pathological ideas on the incontinence of intestinal gases [with summary in French]. L. Ya. Levitin. Zhur nevr i psikh 62 no 1 138-143 '62.

FLAVONES
Chemical composition of the "kermek" (Statice Gmelini Willd) tanning root Part 1 Flavone dyes T. K. Chumbalov, T. A. Kil' Izv. vys. ucheb. zav., khim i khim tekh. 5 no. 1 150-154 '62

Physicochemical characteristics of indium and gallium compounds with flavones [with summary in English] E. P. Shkrobot Zhur. anal khim 17 no 2,186-189 Mr-Ap '62

FLAX
(see also subdivision under Kazan)

Concerning high-speed flax pulling machinery. A. P. Vasil'ev. Trudy MIMESKH 4 no 2 191-197 '59.

Crops preceding flax in row crop rotations I. A. Sizov Vest sel'khoz nauki 7 no. 1,24-26 Ja '62

A flax binder. P. A. Storis. Trudy MIMESKH 4 no. 2:83-106 '59.

Georgievskii, I. S. [Comprehensive mechanization of flax cultivation] Za kompleksnuiu mekhanizatsiiu l'novodstva. [Moskva] Mosk. rabochii, 1961. 98 p. (DA)

Large-scale laboratory experiments in the retting of the flax bast fiber with a bacterial starter. E. I. Dudarev, Z. S. Markova Trudy Vses. inst. sel'khoz mikrobiol no 14:296-302 '60.

The ratio among various groups of micro-organisms in the root system of flax and buckwheat during different developmental stages following application of the AMB bacterial fertilizer A. N. Portseva, L. F. Vasiuk Trudy Vses. inst. sel'khoz mikrobiol no 11:263-274 '60.

FLAX—HARVESTING see subdivision under Korostyshev District

FLAX PROCESSING MACHINERY
Economic effectiveness of the mechanization of flax harvesting, as exemplified in Korostyshev District, Zhitomir Province, V. M. Mel'nychenko Pyt ekon. sil'. hosp. URSR no. 3:70-77 '61

Pokh, IU. IU. [Flax backling machine; arrangement, assembly, adjustment and maintenance] L'nouchesal'naia mashina; ustroistvo, montazh, nalaďka i obsluzhivanie. Perezidanie, Moskva, Rostekhizdat, 1961. 180 p. (Uchebniki i uchebnye posobiia dlia podgotovki rabochikh massovykh professii)

FLEAS
Cost of large gerbils and its effect on the amount of fleas in these rodents during different seasons [with summary in English] S. A. Vansulin, L. A. Volkova Zool zhur 41 no 1,147-150 Ja '62.

FLEAS AS CARRIERS OF DISEASE
New method of catching large gerbils and migrating fleas [with summary in English]. IU. A. Leonov. Zool. zhur 41 no. 2 298-299 F '62.

FLEXURE
Flexure of a rigid plate of infinite length under the effect of local loading. D. E. Kheisin. Sudostroenie 28 no 4 15-16 Ap '62.

FLIES
Using radioactive tracers for studying the ability of synanthropic flies to fly over water [with summary in English]. B. L. Shura-Bura, G. I. Sukhomlinova, B. I. Isaeva. Ent oboz 41 no. 1:99-106 '62.

FLIES—EXTERMINATION see subdivision under Dunhanbe

FLIES AS CARRIERS OF DISEASE
Biology of the causative agent of parafilariosis in horses. M. P. Gnedina, A. N. Osipov. Veterinariia 37 no. 8:49-50 Ag '60.

Flies as carriers of helminths' eggs. L. A. Markar'iants Zdrav. Tadzh 9 no. 1:48 Ja-F '62.

FLIGHT, UNPOWERED see Gliding and soaring

FLIGHT CREWS
Based on the party S. Luganskii Av. i kosm. 14 no. 4:37-41 '62

FLIGHT TRAINING
Flight instructor should get special training I. Il'in Av. i kosm 44 no 4 52-56 '62

Individual approach in training air pilots. N. Shiuchkin Av. i kosm. 41 no. 4 57-61 '62.

FLOATING BODIES
Archimedes and his treatise "On floating bodies." F. Nesteruk. Rech. transp. 21 no 4,42-44 Ap '62

FLOORS
Beautifying a house Izobr. i rats. no. 4:12-14 Ap '62.

FLORESHTY DISTRICT—AGRICULTURAL ADMINISTRATION
Party officials should study the experience of the best organizers of Soviet agriculture. P. Petrik Komm Mold 7 no. 4 39-41 Ap '62

FLORESHTY DISTRICT—STOCK AND STOCKBREEDING
They will keep their word. B. Kuznetsov Komm Mold 7 no 3 31-32 Mr '62

FLORICULTURE
TSentral'naia stantsiia iunykh tekhnikov, Moscow. [To young flower growers] IUnym tsvetovodam. [Moskva] Izd-vo "Detskii mir," 1962. 1 fold. 1. (Prilozhenie k zhurnalu "IUnyi tekhnik," no 7(121))

FLORICULTURE—STUDY AND TEACHING
Production training of students on a volatile oil state farm. IA. Ponomarenko, Shkola i proizv. 6 no. 3,94-95 Mr '62.

FLORIDA, STRAITS OF—NAVIGATION
Course selection in the Florida Straits A. Krivobokov Mor. flot 22 no 2-26-27 F '62

FLOTATION
Akademiia nauk SSSR. Kol'skii filial, Kirovsk. [Flotation of Olenogorsk deposit iron oxides] Flotatsiia oksidov zheleza Olenegorskogo mestorozhdeniia Apatity, 1961. 83 p.

Effect of halation by a nonpolar reagent of the area of contact of a bubble with a mineral particle on their force of adhesion in flotation. V. I. Klassen, S. I. Krokhin, S. A. Tikhonov. TSvet. met. 35 no. 4 9-11 Ap '62.

Flotation of carboxyl resins and anion exchangers AN-2F and AMP B. N. Laskorin, N. M. Smirnova Zhur. prikl khim. 35 no 4 828-832 Ap '62

Flotation of Sibay deposit zinc ores. D. I. Petrov, V. A. Novoselov. TSvet. met 35 no. 3,15-18 Mr '62.

Some features in the study of the thermodynamic regularities of the flotation process M. B. Barbin, V. M. Arashkevich Izv. vys. ucheb. zav., gor zhur no 3:149-151 '61

Vlasova, N. S., V. I. Klassen, and I. N. Plaksin. [Studying the action of reagents in coal flotation] Issledovanie deistvila reagentov pri flotatsii kamennykh uglei. Moskva, Izd-vo Akad. nauk SSSR, 1962. 169 p.

FLOTATION—EQUIPMENT AND SUPPLIES
Characteristic trait observed in the mineral depressing process. I. A. Kakovskii, A. N. Grobnev. Izv. vys. ucheb. zav.; tsvet. met. 3 no. 2:37-38 '60.

Depressant action of cyanide and zinc sulfate in the selective flotation cycle of a collective concentrate. D. A. Bolkov, B. N. Ranskii. TSvet. met. 35 no. 3:11-15 Mr '62.

Selection of a cationic collector for the flotation of oxidized zinc minerals. A. A. Abramov. TSvet. met 35 no. 3:18-22 Mr '62.

Study of electrochemical transducers for the control of residual cyanide concentrations in the pulp. G. A. Khan, A. S. Kuz'kin. Izv. vys. ucheb. zav.; tsvet. met 3 no. 2:43-49 '60.

Using a gold electrode as indicator for certain flotation reagents. A. A. Kaimakov. Izv. vys. ucheb. zav.; tsvet met. 3 no. 2:10-42 '60.

FLOTATION—HYGIENIC ASPECTS
Conditions for the discharge of industrial waste containing the flotation reagents Vetluzhsky oil and Cheremkhovsky tar [with summary in English]. S. N. Cherkinskii and others Gig. i san. 26 no. 8,17-23 Ag '61.

FLOUR—DRYING
Use of an experimental rotary pneumatic drier for drying flour. S. Lopatinskii, S. Kostiukovskii. Muk.-elev prom. 28 no. 3:25-27 Mr '62.

FLOUR—GRADING
Avdus', P. B., and A. S. Sapozhnikova. [Determining the quality of grain, flour, and groats] Opredelenie kachestva zerna, muki i krupy. Moskva, Zagotizdat, 1961. 245 p.

FLOUR—STORAGE
Pneumatic tube transportation of flour. N. E. Morev, V. V. Mukhin. Khleb. i kond. prom. 6 no. 4:4-9 Ap '62.

FLOUR—TRANSPORTATION
Storage and transportation of bulk flour. A. IA. Dusiatskii, G. E. Nudel'man, A. I. Semeniuk. Mekh. i avtom. proizv. 16 no. 4:22-24 Ap '62.

FLOUR MILLS
Work practices in grain mills equipped with pneumatic transportation units S.TSorfas Muk.-elev.prom. 28 no 3:5-8 Mr '62.

FLOW OF WATER see Hydraulics

FLOWERS
Hand flower [Chiranthodendron pentadactylon] IUn.nat no 3 32-33 Mr '62
IUkhimchuk, D.F. [Flowers] Kvity. Za red. M.M. Hryshko. Kyiv, Derzh. vyd-vo sil's'kohospodars'koi lit-ty URSR, 1960. 318 p. (MiD)

FLOWMETERS
Rotameter for corrosive liquids A.M. Reznik, S.S. Korovin, I.A. Apraksin Izv. vys. ucheb. zav., khim. i khim. tekh. 5 no.1 176 '62
Using flowmeters in checking tank trucks A.N. Pavlovskii. Izm. tekh. no 1 43-44 Ap '62

FLUID DYNAMICS
Aerodynamic resistances of compact checkered clusters of pipes V.I. Tolubinskii, V.M. Legkii Teploenergetika 9 no. 5:15-17 My '62.
Percolation of a two-liquid mixture. A.K. Kurbanov, A.Kh. Fatkullin PMTF no. 1 160-162 Ja-F '62
Solution of the Mises equation for the boundary layer theory A.L. Dyshko. Vych. mat. no. 7:181-186 '61.

FLUIDIZATION
Drying process in a fluidized bed. Shi IAn'-fu, P.G. Romankov, N.B. Rashkovskaia Zhur. prikl. khim. 35 no 3:530-536 Mr '62
Preparation of sodium sulfite and pyrosulfite by a dry method in fluidized-bed reactors. L.G. Bliakher, A.G. Larinshkina. Zhur. prikl. khim. 35 no. 3 503-511 Mr '62.
Study of roasting in a fluidized bed of unconditioned molybdenite concentrates. V.M. Petrov, A.N. Zelikman Izv. vys. ucheb. zav.; tsvet. met. 3 no 2:126-131 '60
Studying the sulfatization roasting in a fluidized bed of converter slags from the nickel industry. Siao Chzhi-tsain, V.I. Smirnov. Izv. vys. ucheb. zav.; tsvet. met. 3 no. 2:80-87 '60.

FLUIDS
Contemporary state of the theory of fluids. I.Z. Fisher. Usp. fiz. nauk 76 no 3:489-518 Mr '62

FLUKE see Liver fluke

FLUORENE
Vapor phase oxidation of fluorene. M.M. Dashevskii, G.P. Petrenko. Zhur. prikl. khim. 35 no 3:693-696 Mr '62.

FLUORENEACRYLIC ACID
Preparation of esters of β-2-fluorenoyl- and 2,7-dichloro-β-3-fluorenoylacrylic acids. A.E. Kretov, V.V. Litvinov. Zhur. VKHO 7 no. 2:239-240 '62.

FLUORESCENCE
Determining the fluorescence yield by measuring the extrinsic X-ray photoeffect on a massive cathode [with summary in English]. M.A. Rumsh, V.N. Shchemelev Zhur. eksp. i teor. fiz. 42 no 3 727-735 Mr '62
Spectrophotometry of the fluorescence of petroleums. Z.A. Mukashev, I.I. Shmais. Uch. zap. Kazakh. un. 37 no 4:140-144 '58

FLUORESCENT LAMPS
Fluorescent lamps with 125 w. rating. Svetotekhnika 8 no. 4:32 Ap '62.

FLUORINE COMPOUNDS
Fluoromethyl esters of sulfuric acid Part 7 Stability of difluoromethyl esters of fluorosulfonic and alkylsulfuric acids G.A. Sokol'skii. Zhur. ob. khim. 32 no. 4:1310-1314 Ap '62.

FLUORINE ORGANIC COMPOUNDS
C-fluoroamines Part 1-2- and 3-Fluoroalkylamines V.G. Nemets, G.L. Epshtein Izv. vys. ucheb. zav.; khim. i khim. tekh. 5 no 1 101-106 '62.

FLUORITE
(see also subdivision under Transbaikalia)
Calcium source in the formation of fluorite deposits. A.T. Solov'ev Trudy VSEGEI 57:135-139 '61.

FLUOROPLAST
Anticorrosive coating based on the Ftorlon lacquer. T.N. Nikolaeva, Z.M. Labetskaia. Plast. massy no.4:67-69 '62.
Bonding of fluoroplast 4 to rubber. A.IA. Korolev and others. Plast. massy no. 5:37-39 '62.

FLUX (METALLURGY)
Paton, E.O. [Selected works in three volumes] Izbrannye trudy v trekh tomakh. Kiev, Izd-vo Akad. nauk USSR. Vol. 3. [Welding under flux] Svarka pod flliusom. 1961. 557 p.

FOAM RUBBER
Heat-resistant foam rubber. I.N. Kozlovskaia, N.I. Rudenko. Kauch. i rez. 21 no. 4:18-20 Ap '62.

FOCAL INFECTION
Conditioned and unconditioned reflex control of the blood vessels in latent focal infections and rheumatic fever. E.L. Beliaeva. Vop. pat. krovi i krovoobr. no. 5:30-44 '50.
Thermographic observations in rheumatic fever and focal infections R.S. Ivanov. Vop. pat. krovi i krovoobr. no 5:45-57 '59.

FOLDS (GEOLOGY)
(see also subdivision under Caspian Sea region, Caucasus, Dzungarian Ala-Tau, Nakhichevan A.S.S.R., Tien Shan)
Plan for dividing Lower Cambrian sediments in the Sayan-Altai folded region [with summary in English]. I.T. Zhuravleva, L.N. Repina, V.V. Khomentovskii Geol. i geofiz. no. 1, 21-41 '62.

FOLIC ACID
Secretory function of the pancreas and intestines in folic acid deficiency caused by the administration of aminopterin [with summary in English] S.IA. Mikhlin, M.F. Nesterin. Pat. fiziol. i eksp. terap. 5 no. 6 26-30 N-D '61.

FOLK ART
Alma-Ata, Kazakhstan. TSentral'nyi gosudarstvennyi muzei Kazakhskoi SSR. [Kazakh folk ornament] Kazakhskii narodnyi ornament. Alma-Ata, Kazakhskoe gos. izd-vo khudozh. lit-ry, 1958. 96 p. of col. illus (WaU)

FOLK ART, HUCUL
The collection of the Sagaidachnyi family. V. Babii. Neva no. 1 218-219 '62.

FOLK POETRY, WHITE RUSSIAN
The "Lay of the host of Igor" and White Russian oral poetry V.F. Mochul'skii. Vest. Mosk. un. Ser. 7, Filol., zhur. 17 no. 2 17-33 Mr-Ap '62.

FOLK SONGS—BIBLIOGRAPHY see Bibliography—Folk songs

FOLK SONGS—COLLECTIONS
Following the footsteps of P.V. Kireevskii. F.M. Selivanov Vest. Mosk. un. Ser. 7. Filol., zhur. 17 no. 2 68-76 Mr-Ap '62

FOLKLORE
(see also subdivision under Indonesia)
"History of the study of folklore in Europe" by Giuseppe Cocchiara. Reviewed by V.Gusev. Vop. lit. 6 no. 4 215-218 Ap '62.
"Russian folklore" Reviewed by E. Pomerantseva Vop. lit. 5 no 12:210-213 D '61

FOLKLORE—BIBLIOGRAPHY see Bibliography—Folklore

FOLKLORE, WHITE RUSSIAN
Patriotic ideas in Soviet White Russian folklore. M.S. Malochka Vestsi AN BSSR. Ser. hram. nav. no. 1: 104-115 '62.

FOMITOPSIS ANNOSA
Some characteristics of the spreading of white spongy rot in pine plantations. S.F. Negrutskii. Izv. vys. ucheb. zav., les. zhur. 4 no. 6:35-38 '61.

FONIAKOV, IL'IA
"Comrades-people," poems by Il'ia Foniakov. Reviewed by V. Toropygin. Neva no. 1:194 '62.

FOOD—CONTAMINATION
Frequency of food contamination by pathogenic serotypes of Escherichia coli. I.B. Dobrier. Gig. i san. 26 no. 8:104-106 Ag '61.

FOOD, CANNED—TESTING
Rapid method of fat extraction in testing canned food for children. V.V. Kosacheva, L.G. Serdiuk. Kons. i ov. prom. 17 no. 4:29-31 Ap '62.

FOOD, CONCENTRATED see subdivision under Ukraine

FOOD ADULTERATION AND INSPECTION
Conference on the microbiology in canning and preserving and methods of bacteriological inspection of the production of canned food. Kons. i ov. prom. 17 no. 4:41-42 Ap '62.
Inspect and participate in the management. G. Orkin. Obshchestv. pit. no. 1:30-32 Ja '62.
Role of a nurse of a children's or adolescents' institution in the sanitary inspection of food. A.G. Korepanov. Med. sestra 21 no. 4:46-49 Ap '62.

FOOD HANDLING
Korepanov, A.G. [Sanitary control of food organizations in institutions for children and adolescents] Sanitarnyi kontrol' za organizatsiei pitaniia v detskikh i podrostkovykh uchrezhdeniiakh. Moskva, Medgiz, 1961. 142 p. (Biblioteka srednego medrabotnika)

FOOD INDUSTRY
(see also subdivision under Moscow; United States)
Concentration and specialization of the food industry. E. Pospelova. Vop. ekon. no. 4:140-146 Ap '62.
Conference of the managers of "Rosmiasrybtorg" enterprises and organizations. Khol. tekh. 30 no. 2:55 Mr-Ap '62.
Construction of food-processing combines is a means of improving the effectiveness of capital investment S. Orlov. Ekon. stroi. no. 3:45-48 Mr '62.
Coordinated conference on problems in studying and using antibiotics in agriculture and in the food industry S.I. Zelepukha. Mikrobiol. zhur. 23 no. 6 69-70 '61.
Experimental and model plants in the food industry. S.A. Avakov and others. Mekh. i avtom. proizv. 15 no. 4: 2-6 Ap '62.
More semiprocessed products! Obshchest. pit. no. 3 1-2 Mr '62.
Some problems in combining food processing. M.G. Rabin. Och. po sovr. sov. i zarub. ekon. no. 2:138-148 '61.
Work for the well-being of the people. Obshchestv. pit. no. 1, 1-2 Ja '62

FOOD INDUSTRY—EQUIPMENT AND SUPPLIES
Designing transfer-machine lines for the food industry. S.F. Beliaev. Mekh. i avtom. proizv. 16 no 4, 6-10 Ap '62
Development of mechanization and automation in the food industry. S.I. Golub. Mekh. i avtom. proizv. 16 no 4: 1-2 Ap '62.

FOOD INDUSTRY—EQUIPMENT AND SUPPLIES—BIBLIOGRAPHY see Bibliography—Food industry—Equipment and supplies

FOOD INDUSTRY—FINANCE see subdivision under Moldavia

FOOD INDUSTRY—HYGIENIC ASPECTS
Condition of the air in the operating enterprises of the food industry and methods for improving working conditions L.S. Donin. Gig. i san. 26 no 5 60-64 My '61.

FOOD INDUSTRY—STANDARDS
Need for physicochemical specifications for culinary products. N. Kovalev, L. Galkina Obshchestv. pit. no 1:27-28 Ja '62.

FOOD POISONING
Case of food salmonellosis. N.F. Diakonova. Gig. i san. 27 no. 3 68-69 Mr '62.
"Prevention of food poisoning" by E.N. Ivanova. Reviewed by G.A. Iordanishvili Gig. i san. 26 no. 8 120 Ag '61.

FOOD PRESERVATIVES
Study of some fluids used in [food] smoking for their carcinogenic activity. O.G. Prokof'eva Vop. onk. 8 no. 3:95-96 '62

FOOD SUPPLY see subdivision under Yana Valley

FOOT—DISEASES
Role of familial infection in the epidemiology of foot mycoses in children. L.G. Lesun. Vest. derm. i ven. no. 6 33-37 '61.
X-ray therapy in "calcaneal spurs." M.L. Zil'bergol'ts, V.N. Shaposhnikova. Vest. rent. i rad. 37 no 2.71 Mr-Ap '62.

FOOT-AND-MOUTH DISEASE
(see also subdivision under Azerbaijan; Georgia)
Eradication of the foot-and-mouth disease is an urgent task. A.A. Boiko. Veterinariia 37 no. 8:10-16 Ag '60.

FOOTINGS, CONCRETE see Concrete footings

FORAGE PLANTS
Ensilage the year round without a grassland crop rotation I. Semenov. Ekon. sel'khoz 33 no. 2.40-45 F '62.
Ivanov, D.A. [Cultivated pastures] Kul'turnye pastbishcha [Leningrad] Lenizdat, 1961. 127 p. (DA)

FORAMINIFERA, FOSSIL
(see also subdivision under Azerbaijan; Turkmenistan)
Pseudofusuline horizon and its position in the unified plan. F.S. Mal'kovskii. Izv. AN SSSR, Ser. geol. 27 no 4: 100-101 Ap '62.

FORECASTING, WEATHER see Weather forecasting

FOREIGN EXCHANGE
Economic premises for increasing the role of the ruble in international payments. I. Aizenberg. Den. i kred. 20 no. 4:29-38 Ap '62.

FORENSIC PSYCHIATRY
Importance of electroencephalography in a legal psychiatric practice. I.M. Feigenberg. Sud.-med. ekspert. 5 no. 1:45-51 Ja-Mr '62.
Some trends in the field of legal psychiatry abroad. G.V. Morozov. Sud.-med. ekspert. 5 no. 1:3-7 Ja-Mr '62.

FOREST FIRES—PREVENTION AND CONTROL
Improvement of explosion system in controlling forest fires. G.N. Korovin. Les. khoz. 15 no. 4:53-54 Ap '62.

FOREST INFLUENCES
Some errors in P.V. Otolskii's works. G.F. Basov. Nauch. zap. VLTI 21:112-139 '60.

FOREST MANAGEMENT
(see also subdivision under Carpathian Mountains, Krasnoyarsk Territory; Moscow Province; Ural Mountain region)
Change the procedure for examining reports V M. Pavlov Les. khoz 15 no 4 89 Ap '62
Improvement cutting in young hardwood-spruce forests. N P Georgievskii, E V. Lugovoi, A. G. Nefedov. Les. khoz. 15 no. 4 14-19 Ap '62.
Technology of lumbering and the preservation of young growth. A. N. IAkubiuk, I R. Morozov. Les khoz. 15 no. 4. 32-35 Ap '62.
Time and work norms in limbing. V. P. Razumov. Izv. vys. ucheb. zav., les. zhur. 4 no. 6;20-23 '61.

FOREST MANAGEMENT—BIBLIOGRAPHY see Bibliography—Forest management

FOREST NURSERIES
(see also subdivision under Russia, Northern)
Principles of forest seed growing E. P. Prokazin Les khoz. 15 no 4 36-40 Ap '62

FOREST ROADS
Calculating the durability of the surfacing of logging truck roads. V. T. Surikov, V. I. Strotov, A. I. Kozhar-inov. Izv. vys. ucheb. zav.; les. zhur. 4 no. 6;82-88 '61.

FOREST ROADS—MAINTENANCE AND REPAIR
Dmitrovskii, S. M., V. A. Shestakov, and A. I. Shneider. [Current maintenance of logging roads] Tekushchee soderzhanie lesovoznykh avtomobil'nykh dorog. Moskva, Goslesbumizdat, 1961. 73 p.

FOREST SOILS
(see also subdivision under Kharovsk District; Voronezh Province)
Change in the physical properties and mechanical make-up of eroded gray forest soils under the influence of forest plantations [with summary in English]. V. B. Orlovskii. Pochvovedenie no 4 85-90 Ap '62.
Role of the root system of trees in the formation of microrelief [with summary in English] O V. Butuzova Pochvovedenie no. 4;21-30 Ap '62

FOREST SOILS—BIBLIOGRAPHY see Bibliography—Forest soils

FOREST SURVEYS
Microphotometric characteristics of the representation of tree species on air photos. N. G. Kharin, D. A. IAnutsh Trudy Inst. lesa i drev. 50;175-181 '61.
Review of foreign work in forest aerial photographic surveying for 1960. N. G. Kharin. Trudy Inst. lesa i drev. 50;182-184 '61.

FOREST THINNING
Timofeev, V. P. [Forest thinning and cleaning] Osvetlenia i prochistki. 3., perer. izd. Moskva, Goslesbumizdat, 1961. 65 p.
(DA)

FORESTRY RESEARCH see subdivision under Kirghizistan; Voronezh Province

FORESTS AND FORESTRY
(see also subdivision under Gomel' Province; Karelia; Kurile Islands; Shkotovo District, Siberia; Ukraine, Western)
Brief news and information. Les. khoz. 15 no. 4,95-96 Ap '62.
Dashkevich, M. D. [Reference book for forest plantings and forest improvement; for laboratory and practice lessons] Posobie po lesnym kul'turam i lesomeliioratsii; dlia laboratorno-prakticheskikh zaniatii. Moskva, Goslesbumizdat, 1961. 87 p.
(DA)
Each forester must become a member of the Scientific and Technical Division. Les. khoz. 15 no. 4 6, 13 Ap '62
Improve the work and increase the activity of forest inspection. Les. khoz. 15 no 4-7-13 Ap '62.
"Theoretical biogeophysics of forests" by G. F. Khil'mi. Reviewed by P. I. Votchal'. Izv. vys. ucheb. zav., les. zhur. 4 no. 6;172-174 '61.
This concerns all our people. Les. khoz. 15 no. 4;2-6 Ap '62.

FORESTS AND FORESTRY—BIBLIOGRAPHY see Bibliography—Forests and forestry

FORESTS AND FORESTRY—CONGRESSES
Thirteenth Congress of the International Union of Forest Research Organizations (IUFRO). I. S. Melekhov, V. G. Chertovskoi. Izv. vys. ucheb. zav., les. zhur. 4 no. 6' 167-171 '61.

FORESTS AND FORESTRY—ECONOMIC ASPECTS
Experience in planning and calculating the cost of forest plantations. I. V. Turkevich. Les. khoz. 15 no. 4;59-62 Ap '62.
Possibilities of reducing the cost of establishing plantations in the forest zone. G. T. Rumiantsev. Les. khoz. 15 no. 4;55-60 Ap '62.

FORESTS AND FORESTRY—TABLES AND READY-RECKONERS
Taper and volume of Dahurian larch trunks growing in Yakutia. I. K. Pozdniakov. Trudy Inst. lesa i drev. 50;84-91 '61.

FORESTS AND FORESTRY—VALUATION
"Forest valuation" by I P. Anuchin Reviewed by V S Chuenkov Agrobiologiia no 2 316 Mr-Ap '62.
Increment tables for black locust plantations in the Ukraine. M. V. Davidov. Izv. vys. ucheb. zav., les. zhur. 4 no. 6-3-8 '61
Volume of larch growing in mixed plantations of Plesetsk District, Archangel Province. V. I. Kalinin. Izv. vys. ucheb. zav., les. zhur. 4 no. 6, 16-19 '61.

FORGING
Kovalenko, G. M. [Highly productive methods of forging] Vysokoproizvoditel'nye metody kovki. Moskva, Mashgiz, 1961. 53 p. (Biblioteka rabochego mashinostroitelia. Seriia: Peredovaia tekhnika - osnova kommunisticheskogo truda, no. 9)
Shelekhov, V. A. [Forging with presses] Shtampovka na pressakh. Pod red. A. S. Kon'kova. Moskva, Mashgiz, 1961. 60 p. (Nauchno-populiarnaia biblioteka rabochego kuznetsa, no. 11)
Stamping panels of magnesium alloys. M. M. Shurakov, N. N. Tiurin. Av. prom. 26 no. 8, 94-95 Ag '57.
"Technological processes of drop forging" by A M Mansurov. Reviewed by L. I. Zhivov, V. A Estratov. Vest. mash. 42 no. 4 87 Ap '62.
Turlo, A. A. [New developments in free forging] Novoe v svobodnoi kovke. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 22 p. (Biblioteka rabochego-mashinostroitelia. Seriia: Peredovaia tekhnika - osnova kommunisticheskogo trudn, no. 11)
[MICROFILM]

FORGING MACHINERY
Automatic machine for stamping valve seats IU. A. Chelyshev, K. I Fomichev Avt. prom. 28 no. 4;35 Ap '62.
Automatic upsetting machine for small rivets. V. M. Ivanov. Av. prom. 26 no. 8;70 '57.

FORK LIFT TRUCKS
Fork-lift trucks for loading piece freight packages without trays. L. P. Protasov Mekh i avtom proizv. 16 no. 3 41-42 Mr '62.
Mechanism for lateral movement of truck forks. V. V. Burov, V. I. Kniazeva, IU. G. Korkunov Mekh i avtom proizv. 16 no. 4;47 Ap '62.

FORM, MUSICAL see Musical form

FORMALDEHYDE
Absorption method of dehydrating formaldehyde. G. S. Goncharov, A. N. Levin, G. A. Ryvkin. Plast. massy no. 4;50-52 '62.
Production of polyformaldehyde. N. S. Enikolopian, M. S. Vardanian. Zhur. VKHO 7 no 2;194-200 '62.

FORMALDEHYDE—TOXICOLOGY
Vitiligo-like dermatoses in workers in a phenol-formaldehyde resin works [with summary in English]. N. N. Chumakov, G. P. Babanov, A. G. Smirnov. Vest. derm. i ven. no. 4;3-8 '62.

FORTIFICATION, FIELD
"Organization of fortification for firing positions" by P. I. Ivanov and others. Voen znan. 38 no 4;30 Ap '62

FORTIFICATIONS, OLD see subdivision under Aral District

FOUL BROOD, AMERICAN
Diagnosis of the European and American foul broods. M. V. IAlovitsyn. Veterinariia 37 no. 10;73-75 O '60.

FOUL BROOD, EUROPEAN
Diagnosis of the European and American foul broods. M. V. IAlovitsyn. Veterinariia 37 no. 10;73-75 O '60.

FOULING OF SHIP BOTTOMS
Paste for cleaning metal surfaces from rust and fouling. V. Patrikeev, K. Arbuzova Mor. flot 22 no. 4;28-29 Ap '62.
Results of testing synthetic antifouling paints for seagoing ships. V. A. Hershtein and others. Sudostroenie 28 no 4, 41-44 Ap '62.

FOUNDATIONS
Deformations of a large-panel apartment house on sagging soil with artificial wetting of the footing. IU. M. Abelev and others. Osn., fund. i mekh. grun. 3 no. 6; 12-15 '61
Recommendations that were not thought through. V. F. Blinkherov, N. A. Popovich. Osn., fund. i mekh. grun. 3 no. 6;26-27 '61.
"Soil mechanics and foundation engineering" by V. G. Berezantsev and others. Reviewed by G. K. Klein Osn., fund. i mekh. grun. 3 no 6;28-29 '61.
Some foundation construction methods used abroad. M. I. Smorodinov. Osn., fund. i mekh. grun. 3 no. 6;22-23 '61.
Various types of foundations for buildings located above mine workings. M. Sh. Mintskovskii. Shakht. stroi. 6 no. 4;10-12 Ap '62.

FOUNDATIONS—BIBLIOGRAPHY see Bibliography—Foundations

FOUNDATIONS—CONGRESSES
The Fifth International Congress on Soil Mechanics and Foundation Construction. R. A. Tokar'. Osn., fund. i mekh. grun. 3 no. 6;1-3 '61.

Impressions of a Congress participant. I. T. Rozenkvist. Osn., fund. i mekh. grun. 3 no. 6;7 '61.
The work of the section on "Foundations on a Natural Footing" of the Fifth Congress on Foundation Construction N. A. TSytovich. Osn., fund. i mekh. grun. 3 no. 6;3-5 '61

FOUNDING
(see also subdivision under Lvov Economic region)
Bersenev, A. S. [Flaws in casting their prevention and correction] Brak lit'ia, ego preduprezhdenie i ispravlenie. Pod obshchei red. A. M Lipitskogo. Moskva, Mashgiz, 1961. 69 p. (Bibliotechka liteishchika, no. 11)
Kuz'min, S. I. [Melting and casting heat-resistant alloys and steel in vacuum] Plavka i lit'e zharoprochnykh splavov i stalei v vakuume. Moskva, Mashgiz, 1962. 125 p.
Method for calculating the cooling of flat castings in a mold [with summary in English]. O. IU. Kotsiubinskii, E. S Zal'tsman. Inzh.-fiz zhur. 5 no. 4;75-77 Ap '62.
Reducing the extent of cleaning and fettling operations in founding. S. N. Mylko, A. I. Shevchenko. Mashinostroenie no. 2, 42-48 Mr-Ap '62.
Technological strength of metals during the crystallization process in founding N N. Prokhorov Lit proizv. no 4 24-27 Ap '62.

FOUNDING—HANDBOOKS, MANUALS, ETC.
Kuzelev, M. IA., A. A. Skvortsov, and N. N. Smeliakov. [Handbook of foundry practice] Spravochnik rabochego-liteishchika. Izd. 3 Moskva, Mashgiz, 1961. 584 p.

FOUNDING—HYGIENIC ASPECTS
No cupola furnaces should blacken the Moscow sky. E Semenov. Okhr. truda i sots strakh. 5 no. 4 23-25 Ap '62.

FOUNDING—QUALITY CONTROL
Cast specimens for controlling the mechanical properties of steel castings. IU. A. Shul'te, S. I Gladkii Lit proizv. no. 4 5-6 Ap '62.

FOUNDRIES—EQUIPMENT AND SUPPLIES
Equipment for the sandblast cleaning of castings. A V. Gubskii Sudostroenie 28 no 3;52-53 Mr '62.
Unit for injecting powder materials into liquid metal. S. F. Makarenko, V. F Sumtsov. Mashinostroenie no. 2; 114-115 Mr-Ap '62.
Universal equipment for molding machines. M. E. Sbrodov. Lit proizv no 1 44 Ap '62.

FOUNDRY SAND see Sand, Foundry

FOURIER SERIES
Limiting functions of series associated with bases of L_p space. A. A. Talalian. Mat. sbor. 56 no. 3 353-374 Mr '62.
One family of trigonometric doubly-orthogonal systems A. B Nersesian. Izv AN Arm SSR. Ser fiz.-mat nauk 15 no 2 59-80 '62
Singular integrals and the convergence of Fourier series. A. I. Shmukler Mat. sbor. 56 no. 2 237-280 F '62.

FRACTIONAL DISTILLATION see Distillation, Fractional

FRACTURES see subdivision under Arctic regions

FRANCE—COLD STORAGE WAREHOUSES
Automatically controlled one-story cold storage plant in Vitry-sur-Seine (France) Sh. N. Kobulashvili. Khol. tekh 39 no. 2;61-70 Mr-Ap '62.

FRANCE—COMMUNIST PARTY
The light of "Pravda" M. Leon. Sov. voin 44 no 8;3 Ap '62

FRANCE—COST AND STANDARD OF LIVING
France: The spring drive of workers. V. Sedykh. Nov. viem. 20 no. 23;16-17 Je '62.

FRANCE—CRIMINAL LAW
Reactionary trends in the development of French criminal law and procedure. S. V. Bobotov. Sov. gos. i pravo 32 no. 5;125-131 My '62.

FRANCE—CRIMINAL PROCEDURE
Reactionary trends in the development of French criminal law and procedure. S. V. Bobotov. Sov. gos. i pravo 32 no. 5;125-131 My '62.

FRANCE—ELECTION LAW
The rape of France. M. Krutogolov Sov. deput. trud. no. 4 109-112 Ap '62.

FRANCE—FOREIGN ECONOMIC RELATIONS—UNITED STATES
French-American economic contradictions after the Second World War. S. M. Zagladina. Och. po sovr. sov. i zarub. ekon. no. 2;334-360 '61.

FRANCE—HISTORY
J.-J. Rousseau and the bourgeois revolution. I. Bertsman Vop. lit. 5 no. 12;140-164 D '61.
Znk, L. M. [Noble traditions of solidarity; how the French people struggled against intervention in Soviet Russia, 1918-1920] Slavnye traditsii solidarnosti; bor'ba frantsuzskogo naroda protiv interventsii v Sovetskuiu Rossiiu v 1918-1920 gg. Moskva, Gos. izd-vo polit. lit-ry, 1962. 126 p.

FRANCE—JOURNALISM

Hymn of spring. Andre Wurmser. Nov. vrem. 20 no. 19, 14-15 My '62.

FRANCE—LABOR AND LABORING CLASSES

History of the French proletariat in the 18th century [with summary in English, p. 162] S. A. Lotte. Nov. i noveish. ist. no. 2:106-115 '62.

FRANCE—MIRACLES

Religion in foreign countries. Voiov ateist no. 5 56-57, 59 My '62

FRANCE—MOTION-PICTURE PLAYS

"Contemporary French motion-picture directors" by Pierre Leprohon. Reviewed by N. Anosova. Isk. kino no. 3 147-149 Mr '62

Humanism and motion pictures. Isk. kino no. 4:132-133 Ap '62.

FRANCE—MOTION PICTURES

"Get away from it all" or "be absorbed in it?" Isk. kino no. 4:126 Ap '62

FRANCE—MOTORTRUCKS

French self-loading motortrucks. Avt. transp. 40 no. 4: 60 Ap '62.

FRANCE—MUNITIONS

France on the path of the arms race. V. Dubrovin. Mezhdunar. zhizn' 9 no. 5:89-95 My '62.

FRANCE—OPEN-HEARTH FURNACES

Fuel ... ng to open-hearth furnaces through the main arch [from "Blast Furnace and Steel Plant," no. 9, 1959] M. E. Orman. Biul. TSIICHM no. 9 53-54 '60

Results of the first campaign of a Maerz-Boelens furnace [from "Revue de Metallurgie," no. 8/9, 1959]. M. E. Orman. Biul. TSIICHM no. 10 54-55 '60.

FRANCE—POLITICS AND GOVERNMENT

France after the referendum. Pierre Courtade. Mezhdunar. zhizn' 9 no. 5 115-117 My '62.

FRANCE—POPULAR FRONTS

New works on the popular front in France. M. A. Liuksemburg. Nov. i noveish. ist. no. 2:156-159 '62.

FRANCE—SCIENTIFIC APPARATUS AND INSTRUMENTS

Laboratory apparatus and instruments at the French National Exhibition. Zav. lab. 28 no. 3:385-388 '62

FRANCE—STEEL, STAINLESS

Acid-resistant steels and alloys in France [from "La metallurgie et la construction mecanique," no. 3, no. 4, 1959] E. I. Vitkina. Biul. TSIICHM no. 9 57-59 '60

FRANCE—STRIKES AND LOCKOUTS

France: The spring drive of workers. V. Sedykh. Nov. vrem. 20 no. 23:16-17 Je '62.

FRANCE—TAILORING

Design and tailoring of coat front interlinings (from "Techniques de l'habillement," no. 79, 1961). Shvein. prom. no. 2, 36-39 Mr-Ap '62

FRANCE—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS

The light of "Pravda." M. Leon. Sov. voin. 44 no. 8 3 Ap '62.

What hinders the study of resistance movements? V. P. Smirnov. Nov. i noveish. ist. no. 2:140-141 '62.

FREAKS see Monsters

FREIBERG, GERMANY—STUDENTS, RUSSIAN

Russian students in Freiberg. G. Pechner. Vop. ist. est. [illegible]

agoing dry cargo
to, 2:26-30 F

notorship N. M
p '62.
, transp. 21

and passenger
ships. N. Savin

HING

'ench language
ar'. Inostr.
,
iterrogatory
guage. E. M.
:56-62 Jl-Ag

:tions for the
xdicheskie
:yka dlia
og. izd-vo M-va

e no. 2:49-60

Teaching the French language in rural schools. B. D. Lempert. Inostr. iaz. v shkole no. 2 80-87 Mr-Ap '62.

FRENCH LANGUAGE—TRANSLATING

Translation of A. Alinan's book "Prehistoric Africa." G. Lebets. Sov. etn. no. 2 169-173 Mr-Ap '62.

FRENCH LITERATURE—HISTORY AND CRITICISM

Marxist analysis of the "new novel." L. Zonina. Vop. lit. 6 no. 1 131-137 Ap '62

FRENCH PORTRAITS see Portraits, French

FRENKEL', IAKOV IL'ICH, 1894-1952

IAkov Frenkel'. Max Born. Usp. fiz. nauk 76 no. 3 431 Mr '62

IAkov Il'ich Frenkel'. I. E. Tamm. Usp. fiz. nauk 76 no. 3:397-430 Mr '62

FREONS

Freon refrigeration units. V. V. Vekshin. Standartizatsiia 26 no. 4 43-44 Ap '62.

FREONS—THERMAL PROPERTIES

Thermodynamic properties of an azeotropic mixture of freon-124 and freon-C318. I. I. Perel'shtein. Khol. tekh. 39 no. 2, 76-77 Mr-Ap '62.

FREQUENCIES OF OSCILLATING SYSTEMS

Grouping of electron beams according to various frequencies. F. D. Gazazian, E. M. Laziev. Izv. AN Arm. SSR. Ser. fiz.-mat. nauk 15 no. 2 173-179 '62

Measuring the spectral line width in a molecular oscillator [with summary in English]. A. I. Chikin. Zhur. eksp. i teor. fiz. 42 no. 3 649-652 Mr '62

Studying the statistical properties of media with random inhomogeneities by means of frequency-modulated acoustic radiation. G. A. Andreev, V. A. Zverev. Akust. zhur. 8 no. 1 42-48 '62

FREQUENCY CHANGERS

Frequency to d. c. converter [with summary in English]. Iu. M. TSodikov. Avtom. i telem. 23 no. 4:532-535 Ap '62

Multiplication of electrical signals using three-electrode Hall transducers. M. E. Mazurov, I. N. Prudnikov. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no. 2:148-155 Mr-Ap '62.

FREQUENCY MEASUREMENTS

Frequency dependence of a variable electrokinetic steaming potential. M. S. Kasim-Zade. Izv. AN Azerb. SSR. Ser. fiz.-mat. i tekh. nauk no. 6:79-87 '61.

Use of the frequency method for the determination of some parameters of magnetized bodies. O. A. Solov'ev. Geol. i geofiz. no. 2 122-125 '62

FREQUENCY REGULATION

An approximation method for solving the differential equation of a phase frequency trim network for steady-state operation. A. N. Shusterovich. Radiotekh. i elektron. 7 no. 5 793-800 My '62

Methods for generating a mesh of stable frequencies using an impulse self-oscillator with regulated initial phase. V. F. Elizev. Elektrosviaz' 16 no. 4:28-32 Ap '62

FRESHWATER FAUNA

Effect of sewage from nylon factories on aquatic organisms [with summary in English]. N. S. Stroganov, L. V. Kolosova. Zool. zhur. 41 no. 1:24-33 Ja '62.

FRIC, ALBERT VOJTECH, 1882-1944

Collections of the Czech explorer A. V. Frič in the Museum of Anthropology and Ethnography. E. V. Zibert. Sbor. muz. ant. i etn. 20:125-143 '61.

FRICTION

Evaluating the effect of various factors on the origination of semiliquid friction conditions. N. A. Bushe, V. A. Dvoskina, P. G. Abramov. Tren. i izn. mash. no. 15:152-166 '62.

General analysis of similitude conditions in case of static friction. V. S. Shchedrov, G. I. Troianovskaia. Tren. i izn. mash. no. 15:305-321 '62.

Investigating the effective friction area. G. I. Epifanov, A. T. Sanzharovskii. Tren. i izn. mash. no. 15:254-273 '62.

Motion along a plane with anisotropic friction. V. D. Vantorin. Tren. i izn. mash. no. 16 81-120 '62.

Pressure on the contact elliptic area. E. M. Gutlar. Tren. i izn. mash. no. 15:322-331 '62.

Some problems in elastorheology related to the theory of friction. M. V. Korovchinskii. Tren. i izn. mash. no. 15:332-374 '62.

FRICTION—BIBLIOGRAPHY see Bibliography—Friction

FRICTION—MEASUREMENT

Measurement of minor friction moments. V. V. Dokuchaeva, M. I. Londer, A. S. Mikhailiuk. Izm. tekh. no. 4, 55-58 Ap '62.

FRICTION CLUTCHES see Clutches (Machinery)

FRINGE BENEFITS see Nonwage benefits

FROGS AS LABORATORY ANIMALS

Male lake frogs (Rana ridibunda) for pregnancy diagnosis in mares. V. M. Samsonova. Veterinariia 37 no. 10 65-67 O '60.

FRONTAL SINUS—RADIOGRAPHY

X-ray diagnosis of retention cysts of the frontal sinuses [with summary in English] M. Kh. Faizullin, A. M. Faizullin. Vest. rent. i rad. 37 no. 2 29-32 Mr-Ap '62.

FROST

Local frost forecasting [with summary in English]. E. N. Zats. Trudy GNBS 32 160-171 '60

FROST RESISTANCE OF PLANTS see Plants—Frost resistance

FROZEN FISH see Fish, Frozen

FROZEN GROUND

Stefan's problem for the case of linear initial temperature distribution in a semifinite medium. D. V. Redozubov. Izv. AN SSSR. Ser. geofiz. no. 4 558-561 Ap '62.

Testing the systems of ground heating beneath one-story cold storage plants. I. F. Dushin. Khol. tekh. 39 no. 2 23-26 Mr-Ap '62

FROZEN GROUND—TESTING

Study of the long-time strength of frozen rocks. P. M. Tiutiunnik. Shakht. stroi. 6 no. 4, 14-17 Ap '62

FRUIT

Sanitary control of vegetables and fruits treated with methyl bromide gas. V. D. Eremenko, P. M. Mirochnik, K. F. Spirina. Gig. i san. 27 no. 3 59-63 Mr '62.

FRUIT—DISEASES AND PESTS
(see also subdivision under Tajikistan)

Popova, M. [Diseases and pests of fruits, berries, and grapes] Vrediteli i bolezni plodovo-iagodnykh kul'tur i vinograda. Izd. 2. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1961. 271 p. (Uchebniki i uchebnye posobiia dlia podgotovki sel'skokhoziaistvennykh kadrov massovoi kvalifikatsii)
(DA)

FRUIT CULTURE
(see also subdivision under Gissar Valley; Moldavia, Soviet-skiy District, Tajikistan, Stavropol Territory; Tajikistan; Ukraine)

Bostandyk Plant Breeding Station for fruit culture and viticulture in mountainous regions. S. S. Kalinykov, M. K. Sabirov. Vest. sel'khoz. nauki 7 no. 2, 143-147 F '62.

Results of investigations on the cultivation of various soil layers for orchards. O. P. Danylevs'kyi. Visnyk silhosp. nauky 5 no. 3, 95-96 Mr '62.

FRUIT FLIES

Interdependence of the frequency of dominant lethal mutations and the dosage of radiation by fast neutrons in the spermatids of Drosophila. E. A. Abeleva, Iu. A. Lapkin. Radiobiologiia 2 no. 2:203-207 '62.

FRUIT JUICES

Alekseev, P. A., and N. A. Moiseeva. [Use of refrigeration in the manufacture of grape wine and concentrated juices] Primenenie kholoda v proizvodstve vinogradnykh vin i kontsentrirovannykh sokov. Moskva, Gosторgizdat, 1962. 47 p. (Obzor zarubezhnoi kholodil'noi tekhniki)

FRUIT TREES

Anzin, B. N. [Pruning fruit trees and berry bearing shrubs (for the central belt of the U. S. S. R.)] Obrezka plodovykh derev'ev i iagodnykh kustarnikov (dlia srednei polosy SSSR). Izd. 3., dop. i perer.. [Moskva] Mosk. rabochii, 1962. 199 p.
(DA)

Velkov, V. [Pruning fruit trees] Obrezka plodovykh derev'ev. 2. stereotipnoe izd. russkogo perevoda. Sofiia, Gos. izd-vo sel'khoz. lit-ry, 1961. 222 p.
(DA)

FRUNZE—BLOOD PLATELETS

Number of thrombocytes and thrombocytograms of normal persons in the city of Frunze. T. A. Bortnik. Sov. zdrav. Kir. no. 1:48-50 Ja-F '62.

FRUNZE—KINDERGARTENS

Hygienic features of the furniture of kindergartens in the city of Frunze; preliminary report. R. A. Nadvige. Sov. zdrav. Kir. no. 1:36-38 Ja-F '62.

FRUNZE—STEEL INDUSTRY

Poliakov, A. V. [Right-flank of the seven-year plan] Pravoflangovyi semiletki. Frunze, Kirgizskoe gos. izd-vo, 1960. 34 p.

FRUNZE—THEATERS—STAGE SETTING AND SCENERY

Only in Kirghizistan. . I. Uvarova. Teatr 23 no. 5: 115-119 My '62.

FUCHSIN

Aldehyde-fuchsin and its use in histochemistry [with summary in English]. L. I. Falin. Arkh. anat., gist. i embr. 40 no. 5, 85-88 My '61.

FUEL
Increase in the efficiency of the level at which fuel and power resources are being utilized M. P. Khar'chenko, L. I. Tokarev. Prom. energ. 17 no. 4:1-4 Ap '62

Methodological problems in comparing the economic indices of fuel production A. Probst. Vop. ekon. no. 1 47-55 Ap '62.

"Some problems of fuel and power" Z. F. Chukhanov. Reviewed by G. Burshtein. Vop. ekon. no. 4:135-139 Ap '62.

FUEL—TESTING
Estimation of the scale-forming capacity of distillate sulfur-bearing fuels in a model combustion chamber. A. D. Fatkhanov, Yu. V. Mikulin, L. A. Aleksandrova. Khim. i tekh. topl. i masel 7 no. 4 56-60 Ap '62.

FUEL PUMPS
Fueling at sea V. I. Tereshchenko. Sudostroenie 28 no. 3 11-14 Mr '62.

FUEL PUMPS—TESTING
Investigating the wear of fuel-pump parts of the D-50 diesel engine and studying measures for improving the performance of plunger pairs. V. N. Ivanov, N. P. Ustinov, A. I. Il'in. Tren. i izn. mash. no. 16:71-80 '62

FUMIGATION
Morphological changes in the spores of STI under the influence of some fumigants [with summary in English] S. D. Belokhvostov, P. A. Ivashkevich. Zhur. mikrobiol., epid. i immun. 33 no. 3:82-86 Mr '62.

FUNCTIONAL ANALYSIS
Conjugate spaces of S. L. Sobolev's W_p^l spaces. M. Z. Solomiak. Dokl. AN SSSR 143 no. 6:1288-1289 Ap '62

Uniqueness of generalized solutions from L_2 to some simple problems of mathematical physics A. E. Zolotarev. Dokl. AN SSSR 143 no. 6:1260-1263 Ap '62.

FUNCTIONS
Asymptotic value of approximations of multiply differentiable functions by m-angular integrals. R. G. Mamedov. Izv. AN Azerb. SSR, Ser. fiz.-mat. i tekh. nauk no. 6:3-10 '61.

Demidovich, B. P., I. A. Maron, and E. Z. Shuvalova. [Numerical methods of analysis, approximation of functions, differential equations] Chislennye metody analiza; priblizhenie funktsii, differentsial'nye uravneniia. Pod red. B. P. Demidovicha. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1962. 367 p.

Series of rational functions. A. A. Gonchar. Dokl. AN SSSR 143 no. 6:1246-1249 Ap '62

FUNCTIONS, ANALYTIC
Completeness of systems of functions of the form $\left\{\frac{\partial^{nk}}{\partial h_k^{nk}} F(z, h_k)\right\}$. I. F. Krasichkov. Mat. sbor. 56 no. 2:147-172 F '62.

One boundary value problem with inverse translation in the class of generalized analytic functions. G. S. Litvinchuk. Sib. mat. zhur. 3 no. 2:223-228 Mr-Ap '62

Order of approximation of analytic functions by partial sums of series of orthogonal polynomials. P. K. Suetin. Izv. AN Arm. SSR, Ser. fiz.-mat. nauk 15 no. 2:81-86 '62.

Some criteria of normality of families of analytic functions. Zh. N. Keshishian. Izv. AN Arm. SSR Ser. fiz.-mat. nauk 15 no. 2:45-47 '62

FUNCTIONS, BOOLEAN see Boolean functions

FUNCTIONS, CHARACTERISTIC see Eigenfunctions

FUNCTIONS, CHEBYSHEV'S see Chebyshev polynomials

FUNCTIONS, CONTINUOUS
Embedding theorems for functions from L_p^l spaces. P. I. Lizorkin. Dokl. AN SSSR 143 no. 5:1042-1045 Ap '62.

Letter to the editor. V. I. Arnol'd. Mat. sbor. 56 no. 3 392 Mr '62

Mixed type equations in three-dimensional regions. A. V. Bitsadze. Dokl. AN SSSR 143 no. 5:1017-1019 Ap '62.

Norms of linear polynomial operators. N. A. Sapogov. Dokl. AN SSSR 143 no. 6:1286-1288 Ap '62.

Some notes concerning Fourier's coefficients and classes of functions. V. M. Kokilashvili. Soob. AN Gruz. SSR 28 no. 1:3-8 Ja '62.

FUNCTIONS, ELLIPTIC
Nomographic approximation of elliptic functions and nomograms in complex projective planes. I. A. Vilner. Vych. mat. no. 7 3-74 '61.

FUNCTIONS, ENTIRE
Extreme indicator for an entire function with positive zeros A. A. Gol'dberg. Sib. mat. zhur. 3 no. 2:170-177 Mr-Ap '62

Generalization of the Voronoi-Hardy identity. V. K. Ivanov. Sib. mat. zhur. 3 no. 2:195-212 Mr-Ap '62

FUNCTIONS, EXPONENTIAL
Condition of expansibility of functions into quasi-exponential series with slow ascension of the sequence $\{\nu_k\}$. G. V. Badalian. Izv. AN Arm. SSR Ser. fiz.-mat. nauk 15 no. 2,3-14 '62.

FUNCTIONS, MEROMORPHIC
Integral representations for meromorphic functions. A. A. Temliakov. Dokl. AN SSSR 143 no. 5 1057-1059 Ap '62.

Structure of the set of generalized periods of the meromorphic function matrix A. G. Naftalevich. Mat. sbor. 56 no. 3 309-321 Mr '62

FUNCTIONS, ORTHOGONAL
Multiple orthogonal sets of functions complete with respect to the operation of evolution G. M. Dzhafarli. Izv. AN Azerb. SSR Ser. fiz.-mat. i tekh. nauk. no. 6: 11-23 '61.

One family of trigonometric doubly-orthogonal systems A. B. Nersesian. Izv. AN Arm. SSR Ser. fiz.-mat. nauk 15 no. 2 69-80 '62

FUNCTIONS, POTENTIAL see Differential equations, Partial

FUNCTIONS, ZETA
Mertens' formula. A. I. Vinogradov. Dokl. AN SSSR 143 no. 5:1020-1021 Ap '62.

FUNCTIONS OF COMPLEX VARIABLES
Certain classes of analytic functions of two complex variables. I. I. Bavrin. Dokl. AN SSSR 143 no. 5: 1011-1013 Ap '62.

FUNGI
(see also subdivision under Armenia; Crimea)
Dawn redwood and its fungus stimuli, new and rare fungi in Metasequoia [with summary in English] S. A. Gutsevich. Trudy GNBS 32 115-139 '60

Effect of annual and perennial plants on soil fungi S. B. Gendina. Trudy Vses. inst. sel'khoz. mikrobiol. no. 14: 123-132 '58.

FUNGI, PATHOGENIC
Antimicrobial properties of the cultivated horseradish. Report No. 1. Antimicrobial activity of extracts and essential oil from cultivated and wild horseradishes. A. K. Nebiash. Mikrobiol. zhur. 23 no. 4,32-37 '61.

FUNGI, PHYTOPATHOGENIC
Spread of Sclerotinia pseudotuberosa in acorns. G. V. Khustaley. Les. khoz. 15 no. 4,54 Ap '62.

FUNGICIDES
Caprylic acid salts as fungicidal compounds. M. F. Hamalila. Mikrobiol. zhur. 23 no. 6 49-53 '61

Increasing the germination of corn seeds in the field by treating them with preparations NIUIF-2 (granosan) and TMTD (tetramethylthiuram-disulfide). F. L. Il'kina, I. N. Grebeniuk. Trudy TSSHS no. 4:139-144 '60.

FUR—DRESSING AND DYEING
Improving the technology of dyeing sheep pelts for coats. F. A. Sergeeva, L. I. Stepanova. Kozh.-obuv. prom. 4 no. 2:24-27 F '62.

FUR, ARTIFICIAL see Artificial fur

FUR FARMING see subdivision under Kalinkovichi; Yakutia

FUR TRADE
(see also subdivision under Leipzig, Leningrad)
Kaplin, A. A. [Soviet furs] Sovetskaia pushnina. Moskva, Vneshtorgizdat, 1962, 509 p.

FUR WORKERS see subdivision under Alma-Ata

FURACILIN
Use of furacilin in the treatment of colidysepsia. M. IE. Rubshtein, V. P. Elkhbaum. Ped., akush. i gin. 23 no. 3:20-21 '61

FURALDEHYDE
By-products of the essential oil industry as raw materials for the production of furfurole. B. V. Matiushenskii, G. V. Lazurievskii, N. V. Ivanov. Zhur. prikl. khim. 35 no. 4 873-876 Ap '62.

Determination of furfurole and its derivatives in industrial waste waters IU. IU. Lurie, V. A. Panova. Zav. lab. 28 no. 3:281-285 '62

Obtaining furfural in the pyrolysis of wood. Report No. 1. A. K. Slavianskii, B. F. Nikandrov, M. N. Sokolova. Izv. vys. ucheb. zav., les. zhur. 4 no. 6:133-137 '61.

Photometric method for determining furfurole in aqueous and chlorobenzene solutions [with summary in English]. T. I. Tikhonova, L. IA. Gertsberg, P. V. Zubritskii. Zhur. anal. khim. 17 no. 2:245-247 Mr-Ap '62.

FURAN
Chemistry of unsaturated ethers Part 9. Alkoxylation of furan. Synthesis of dialdehydes and glycols. S. M. Makin, N. I. Telegina. Zhur. ob. khim. 32 no. 4 1104-1111 Ap '62.

Shub, R. L. [Importance of vitamins and nitrofurans in obstetrics and gynecology] Znachenie vitaminov i nitrofuranov v akusherstve i ginekologii. Moskva, Medgiz, 1961. 157 p. (DNLM)

Synthesis of certain condensed systems containing a furan ring. I. V. Machinskaia, G. P. Smirnova, V. A. Barkhash. Zhur. ob. khim. 32 no. 4,1218-1252 Ap '62.

Synthesis of nitro derivatives of α,β-unsaturated ketones containing benzene and furan rings V. F. Lavrushin, S. V. TSukerman, A. I. Artemenko. Zhur. ob. khim. 32, no. 4 1324-1328 Ap '62

Synthesis of nitrofuran analogs of methoxychalcones and their vinylogs V. F. Lavrushin, S. V. TSukerman, A. I. Artemenko. Zhur. ob. khim. 32 no. 4 1329-1331 Ap '62

Synthesis of 2,5-diarylfurans and their scintillation properties. S. A. Vardanian, A. G. Vardanian, S. P. Khilakian. Zhur. ob. khim. 32 no. 4 1193-1196 Ap '62

FURANACRYLIC ACID
New method of synthesizing esters of γ-ketocarboxylic acids Part 1. Catalytic transformation of esters of β-furylacrylic acids to esters of γ-ketoenanthic acids. I. F. Bel'skii and others. Zhur. ob. khim. 32 no. 4 1030-1034 Ap '62.

FURFURYL ALCOHOL
Polymers based on silicon-containing compounds of furan. Synthesis of esters of ortho-silicic acid and furfuryl alcohol. L. V. Kamenskii, I. K. Sanin, V. V. Korshak. Plast. massy no. 3 9-12 '62.

FURMANOV, DMITRII ANDREEVICH, 1891-1926
D. A. Furmanov memorandum. O. V. Shablovskii. Vop. arkh. 4 no. 1 112-114 Ja-Mr '62.

A fighting writer. Al. Isbakh. Oktiabr' 39 no. 1:182-186 Ja '62.

FURNACES
Experimental study of the dynamics of a one-compartment double-flue tubular atmospheric furnace A. G. Abilov. Izv. AN Azerb. SSR, Ser. fiz.-mat. i tekh. nauk no. 6:67-78 '61

Heat exchange in sling separator tube bundles. IU. L. Marshak. Teploenergetika 9 no. 5:17-19 My '62

Indices of fire-resistant substances for lining boiler furnaces Energetik 10 no. 4 10 Ap '62

Multinozzle composite mechanical oil burners with a high productive capacity I. K. Andreev. Energetik 10 no. 1 5-7 Ap '62

Protection of regenerators using evaporative heating surfaces A. I. Berezhinskii. Prom. energ. 17 no. 1 16-21 Ap '62.

Use of water for cleaning the internal surfaces of fire tubes. I. V. Mazanka. Energetik 10 no. 4 16-17 Ap '62.

FURNACES—CONSTRUCTION
Characteristics of brickwork in furnace construction. A. Kashlanov. Pozh. delo 8 no. 4:11 Ap '62.

FURNACES, HEAT-TREATING
Automatic loaders of stools in tunnel-type heat-treatment furnaces. I. S. Meltser, Z. L. Ginzburg. Mashinostroenie no. 2:112 Mr-Ap '62.

Modernization of the K-160 heat-treating furnaces. N. F. Legeida. Mashinostroenie no. 2:67-68 Mr-Ap '62.

Programmed temperature control in heat-treating furnaces N. S. Skortik. Mekh. i avtom. proizv. 16 no. 3 7-9 Mr '62.

FURNACES, HEATING
Use of generator and natural gases for the nonoxidizing heating of nonferrous metals. A. K. Chertavskikh, I. V. Naumkina. TSvet. met. 35 no. 3,74-77 Mr '62.

FURNACES, HEATING—TECHNOLOGICAL INNOVATIONS
Modernization of a forge box furnace. O. R. Matveev, G. F. Degtev. Mashinostroenie no. 2:37-39 Mr-Ap '62.

FURNITURE, CHILDREN'S see Children's furniture

FURNITURE INDUSTRY
(see also subdivision under Moscow Province)
Estimating the operations of furniture enterprises. L. M. Zolova. Der. prom. 11 no. 4 1-3 Ap '62.

FURNITURE PAINTING
Electrostatic lacquering of bent-wood chairs. V. A. Gubenskii, S. N. Serebrianikov. Lakokras. mat. i ikh prim. no. 1:44-49 '62.

FUSES (ORDNANCE)
Proximity fuse devices. V. Chepyzhov. Voen. vest. 41 no. 4:112-115 Ap '62.

GADIDAE, FOSSIL see subdivision under Caucasus

GADOLINIUM ETHYL SULFATE
Effect of concentration on the relaxation time in gadolinium ethyl sulfate at helium temperatures S. A. Peskovatskii, A. N. Chernets. Fiz. tver. tela 4 no. 3: 665-667 '62.

Spin-lattice relaxation in gadolinium ethyl sulfate. S. A. Peskovatskii, A. N. Chernets. Fiz. tver. tela 4 no. 3: 657-664 '62.

GADOLINIUM HYDROXIDE
Determination of the pH of the beginning of dissolution and of the activity product of gadolinium hydroxide. P. N. Kovalenko, K. N. Bagdasarov. Zhur. neorg. khim. 7 no. 4:739-742 Ap '62.

GAGARIN, IURII ALEKSEEVICH, 1934-
Earth and space. Av i kosm. 44 no. 4 32-36 '62.
In all languages of the world Av. i kosm. 44 no 4,86-88 '62
60,000 letters and telegrams. Av. i kosm 44 no 4,91-92 '62.
Until we reach the stars. Kh A Abbas Av. i kosm 44 no. 4:78-85 '62

GAIDAR, ARKADII PETROVICH, 1904-1941
Smirnova, V. V. [Arkadii Gaidar; a critico-biographical study] Arkadii Gaidar; kritiko-biograficheskii ocherk Moskva, Sovetskii pisatel', 1961. 202 p.

GALENA see subdivision under Caucasus, Northern

GALL BLADDER—ABNORMITIES AND DEFORMITIES
Case of agenesis of the gallbladder. V S. Tikhonov Khirurgiia 37 no 7 138-139 Jl '61

GALL BLADDER—CANCER
Wedge resection of the liver in cancer of the gallbaidder. M. A Galeev Khirurgiia 37 no. 7 123-124 Jl '61

GALL BLADDER—DISEASES
Acute cholecystitis following closed injury of the abdomen. G N. Akzhigitov Khirurgiia 37 no. 7 131 Jl '61
Case of phlegmonous calculous cholecystitis complicated by choleperitoneum in 40-week pregnancy IU. M Ditman. Khirurgiia 37 no 7 132-133 Jl '61
Cholecystitis in children. V. P. Blagonina. Zdorov'e 6 no 4 22-23 Ap '62.
Comparative evaluation of various methods of treating lambliogenic cholecystitis in children. L. A Nikytenko Ped., akush. i gin. 23 no 3:23-24 '61.
Drainage of the gallbladder (cholecystostomy) in acute cholecystitis [with summary in English]. A. N Salnis. Khirurgiia 37 no. 7 64-67 Jl '61
Late results in the conservative treatment of acute cholecystitis. A. G. Ostrovskii, M. M. TSipina. Sov med 25 no 1,62-65 Ja '62.
Protein spectrum of the blood plasma in the clinical aspects of hepatocholecystitis in children L. H. Hlovinska. Ped., akush i gin. 23 no. 6:18-20 '61.
Role of pancreatic enzymes in the etiology of acute cholecystitis [with summary in English] P. V. Kravchenko, V. E. Volkov. Klin. med. no 2:21-23 '62.
Torsion of the gall bladder Sh. B Todua Khirurgiia 37 no. 7 139-140 Jl '61

GALL BLADDER—HYDATIDS
Case of echinococcosis of the gall bladder. N. F. Khokhlov. Zdrav. Kazakh. 22 no. 2:72-73 '62

GALL BLADDER—SURGERY
Clinical results in the treatment of acute cholecystitis [with summary in English]. K. G. Tagibekov. Khirurgiia 37 no 7:21-26 Jl '61
Significance of various methods of treating the gallbladder bed following cholecystectomy [with summary in English] I. A. Bolichenko. Khirurgiia 37 no 7:56-61 Jl '61.
Some problems in the surgical treatment of acute cholecystitis [with summary in English]. B. A. Korolev, D L. Pikovskii. Khirurgiia 37 no. 7,15-21 Jl '61
Surgery for acute cholecystitis [with summary in English] P. N. Maslov, L. V Avdei. Khirurgiia 37 no. 7 9-15 Jl '61
Surgery for acute cholecystitis [with summary in English] V A. Ivanov, N. A. Super Khirurgiia 37 no.7 3-9 Jl '61

GALL GNATS
Development of the midge Stenodiplosis bromicola Mar. et Ag (Diptera, Itonididae) with respect to the biological characteristics of the brome grass (Bromus inermis Leyss and Bromus riparius Rehm.) [with summary in English]. 2, IA. Agafanova Ent oboz. 41 no. 1:22-39 '62.
"Gall gnats" [in Czech] by M. Skuhrava and V. Skuhravy. Reviewed by E. I. Slepian Ent. oboz. 41 no. 1:247-248 Ent. oboz. 41 no.

GALLINAE
Fedlushin, A. V. [Helminths and helminthiases of gallinaceans in Western Siberia and the Southern Urals] Gel'minty i gel'mintozy promyslovykh kurinykh ptits Zapadnoi Sibiri i IUzhnogo Urala. Omsk, 1959. 175 p. (Omsk. Sel'skokhoziaistvennyi institut. Trudy, vol. 28)

GALLINAE—EMBRYOLOGY see Embryology—Gallinae

GALLIUM
Gallium recovery from wastes of the aluminum industry. N. I. Eremin. Izv. vys. ucheb. zav.; tsvet. met. 3 no. 3: 108-112 '60.
Recovery of gallium by liquid extraction in a continuous injection column. N. I. Gel'perin, M. G. Assmus, S. S. Korovin. Zhur. prikl khim. 35 no. 3:516-519 Mr '62.

GALLIUM—ANALYSIS
Direct complexometric titration of gallium in the presence of 7-(naphthylazo)-8-hydroxyquinoline-5-sulfonic acid as an indicator [with summary in English]. A. I. Busev, L. L. Talipova, L. M. Skrebkova. Zhur. anal. khim. 17 no. 2:180-185 Mr-Ap '62.

GALLIUM ARSENIDES
Electrochemical behavior of gallium arsenide. IU. V. Pleskov. Dokl. AN SSSR 143 no. 6:1399-1402 Ap '62.

GALLIUM COMPOUNDS
Physicochemical characteristics of indium and gallium compounds with flavones [with summary in English]. E P. Shkrobot Zhur anal khim 17 no 2,186-189 Mr-Ap '62

GALVANOMETER
The new ChPG-4 ink-recording galvanometer. R. A. Kapitanov, B N Livshits. Priborostroenie no 4 21-22 Ap '62.

GAME THEORY
Differentiation of the strategies of positional games N. N. Vorob'ev. Prob. kib. no. 7 5-20 '62.

GAMES, OLYMPIC see Olympic games

GAMES, THEORY OF see Game theory

GAMMA GLOBULIN
Comparative study of the effectiveness of gamma globulin obtained from the immunization of horses with virulent killed and avirulent plague cultures [with summary in English] L E. Khundanov, E. D Shkurko Biul eksp biol i med. 3[i.e 53] no 3,67-70 Mr '62.
Effect of gamma globulin on the content of total protein in the plasma in dysentery in infants. A A. Lapakha, N. I. Shekhina. Pediatriia no. 4 47-51 '62.

GAMMA-RAY SPECTROMETRY
Use of a type FEU-12 photoelectric multiplier in a scintillation spectrometer and for the purposes of gamma-radioscopy. O. D. Kovrigin, G. D. Latyshev. Trudy Inst. fiz. AN Kazakh SSR 5:102-106 '62
Using a scintillation gamma-ray flow detector A A. Arkhangel'skii, G D. Latyshev. Trudy Inst. fiz AN Kazakh. SSR 5 117-127 '62

GAMMA RAYS
Change in the intensity of the gamma radiation from a semispace covered with a layer which is impermeable to gas. I. M. Khalkovich, L. A. Khalfin. Vop. rud geof no. 2 131-134 '61.
Effect of gamma radiation on a germanium oxide film A. A Kist and others Izv AN Uz SSR, Ser fiz.-mat nauk 6 no 1:88-90 '62
Effect of gamma radiation on the catalytic activity of copper oxides in the dehydrogenation reaction of ethyl alcohol [with summary in English]. T. V. TSetskhladze, G Sh Kalandadze. Trudy Inst. fiz. AN Gruz. SSR 6, 61-68 '58.
Generation of ozone and nitric oxides by gamma radiation in the operation of a high-power gamma installation [with summary in English]. V.F. Oreshko, N. F. TSikhmistrenko. Gig. truda i prof zab. 4 no 6:16-20 Je '60
Method of approximative calculation of gamma fields at surface mine workings. A. G. Vetrov. Vop. rud. geof. no. 2:115-121 '61.
Polymerization of vinyl chloride under the effect of gamma rays. L. D. Bubis and others. Plast. massy no. 4:3-6 '62.

GAMMA RAYS—PHYSIOLOGICAL EFFECT
Dynamics of changes in the activity of the higher section of the central nervous system of white rats irradiated in the early stages of postnatal development. A. P. Chesnakova. Trudy Inst. vys. nerv. deiat. Ser. patofiziol no. 9:198-205 '61.
Effect of ionizing radiation on the function of ciliate epithelium of the frog's esophagus. L. D. Klimovskaia. Radiobiologiia 2 no. 2:222-227 '62.

GAMMA RAYS—SCATTERING
Resonance scattering of γ-quanta in Te^{125} [with summary in English] Fam Zui Khien, V G. Shapiro, V. S Shpinel' Zhur. eksp. i teor. fiz 42 no. 3:703-706 Mr '62.

GAMMA RAYS—SPECTRA
Doppler widening of the gamma line in gases. A. F. Akkerman, E. IA Vil'kovitskii, D. K. Kaipov Trudy Inst. fiz. AN Kazakh. SSR 5 128-134 '62.

GAMMA RAYS—THERAPEUTIC USE
Telegamma therapy of advanced forms of malignant tumors of the maxilla. E. M. Kuz'mina. Vop. onk. 8 no. 3:111-114 '62.
Volkova, M. A. [Telegamma therapy of malignant tumors] Telegammaterapiia zlokachestvennykh opukholei. Moskva, Medgiz, 1961. 115 p. (DNLM)

GANGRENE
Case of gangrenous dermatitis of the face in a 1-year-old child. A. V. Konstantinov. Pediatriia no. 4:87-88 '62.
Chorea in combination with gangrene of the fingers in polycythemia [with summary in French] N. K. Bogolepov. Zhur. nevr. i psikh. 62 no. 1:45-50 '62.

GARDEN ARCHITECTURE see Landscape gardening

GARLIC—THERAPEUTIC USE
Use of garlic phytoncides in stomatology. A. O. Zosin. Mikrobiol. zhur. 23 no. 6:53-54 '61.

GARMENT CUTTING
Practices in the economic use of fabrics. E. P. IUshkevich. Shvein. prom. no. 2:27 Mr-Ap '62.
Reorganization of the cutting department. A. F. Evdokimov. Shvein. prom. no. 2:29-30 Mr-Ap '62.

GARNET
Paragenetic types of garnets from ultrabasic rocks and eclogites. N. V. Sobolev. Dokl. AN SSSR 143 no. 5. 1190-1193 Ap '62.

GARNET—MAGNETIC PROPERTIES
Magnetic properties and structure of some garnet systems. K. P. Belov and others. Kristallografiia 7 no. 2:242-246 Mr-Ap '62.

GARSK—BRICK INDUSTRY
A house with an attic IA. Sukhorukov Sov profsoiuzy 18 no 8:23-24 '62

GAS—DENSITY
Determining the critical density of a real gas from data on the state of saturation [with summary in English]. IA. Z. Kazavchinskii, V. I. Kudashev. Inzh.-fiz. zhur. 5 no. 4:31-34 Ap '62.

GAS, NATURAL
Automation and remote control on gas fields. P F. Vodianik. Pyt. rozv. prod. syl L'viv. i Stan. ekon. admirat. no. 2 64-71 '61.
Bornatskii, I. L. [Use of natural gas for the operation of open-hearth furnaces] Primenenie prirodnogo gaza dlia otopleniia martenovskikh pechei. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1962. 105 p.
"Gas supply" by E Kh Odel'skii. Reviewed by V. F. Stepanchuk, G. I. Khustskii. Izv vys. uchеb zav., ser. neft i gaz 5 no. 3 99-100 Mr '62
Transfer of open-hearth furnaces to operation on natural gas. I. I. Kobeza, V I Sivak, S V Markov Biul TSIICHM no 10 36-37 '60.
Working of gas and oil fields until depletion. M T. Abasov, A. M. Kuliev. Izv. AN Azerb. SSR. Ser. fiz.-mat i tekh. nauk no. 1:131-145 '62.

GAS, NATURAL—BIBLIOGRAPHY see Bibliography—Gas, Natural

GAS, NATURAL—GEOLOGY
(see also subdivision under Azerbaijan, Berezovo region, Tyumen' Province; Dnieper-Donets Lowland, Khanty-Mansi National Area; Krasnoyarsk Territory, Mangyshlak Peninsula, Moscow Basin, Saratov Province; Terek-Sulak Lowland; Ukraine, Uvat region, Volgograd Province)
Concerning N. P. Budnikov and others' article "Present status of methods for rating oil and gas test wells in the U.S.S.R. and means for improving them." B Shternikov. Geol. nefti i gaza 6 no. 3:63-3 of cover Mr '62.
"Gas fields in the U.S.S.R." Reviewed by A. A. Trofimuk. Geol. nefti i gaza 6 no. 4:61-63 Ap '62
Geological reserves of oil and gas and methods of evaluating them. M. A. Zhdanov. Geol. nefti i gaza 6 no. 3:55-61 Mr '62.
Methods for appraising the predicted oil and gas resources. G. P. Ovanesov, A. D. Nadezhkin. Geol. nefti i gaza 6 no. 4:44-48 Ap '62.
Rating geological reserves of oil and gas. G. A. Kesbek. Geol. nefti i gazu 6 no. 3:61-63 Mr '62.
Results of prospecting for oil and gas in the R.S.F.S.R. 1961. B A Tkhostov. Geol. nefti i gaza 6 no. 3:1-6 Mr '62.

GAS, NATURAL—PIPELINES
(see also subdivision under Kislovodsk, Mexico)
Device for measuring pressure when testing gas pipes F. V. Kotovich. Stroi. truboprov. 8 no. 11:23-24 N '61.
Efficiency of supplying water to compressor stations without using towers. K. Z. Piven'. Stroi. truboprov. 6 no. 11 14-16 N '61.
The gas pipeline from Bukhara to the Urals is the most important construction project of communism. Stroi. truboprov. 6 no. 11:1-2 N '61.
Integrated management. S. IA. Tishchenko. Stroi. truboprov. 6 no. 11:16-17 N '61.

GAS, NATURAL—STORAGE see subdivision under Bashkiria; United States

GAS, NATURAL—TESTING
Determining the specific weight of natural gas according to the calorific value. M. I. Dzalaev, P. V. Mikhal'tsev. Teploenergetika 9 no. 5:88-89 My '62.

GAS, NATURAL—TRANSPORTATION
Zarembo, K. S., ed. [Handbook on the transportation of combustible gases] Spravochnik po transportu goriuchikh gazov. Moskva, Gostoptekhizdat, 1962. 887 p.

GAS AND OIL ENGINES
Advantages of using variable pressure in the outlet duct in internal combustion engines with gas turbine pressure charging. L. IA. Tabachnikov. Energomashinostroenie 8 no. 4:17-20 Ap '62.
Gas-outlet process and the exhaust manifold of an engine. M. A. Khatilov, N. P. Pastukhov. Vest. mash. 42 no. 3: 17-22 F '62.
Some problems in the development of turbine-piston engines and means for the speeding-up of their design and construction. A. D. Charomskii. Izv. vys. ucheb. zav.; mashinostr. no. 1:14-25 '62.

GAS AND OIL ENGINES (Continued)
Voloshenko, F. P. [Analysis of the gas-exchange process in two-stroke piston internal combustion engines, systematic manual] Raschet protsessa gazoobmena dvukhtaktnykh porshnevykh dvigatelei vnutrennego sgoraniia; metodicheskoe rukovodstvo. Kuibyshev, Kuibyshevskii sel'khoz. in-t, 1961. 49 p. [MICROFILM]
Vsesoiuznyi sovet nauchno-tekhnicheskikh obshchestv. [Preventing the corrosion of internal combustion engines and gas turbine units] Bor'ba s korroziei dvigatelei vnutrennego sgoraniia i gazoturbinnykh ustanovok. Moskva, Mashgiz, 1962. 295 p.

GAS AND OIL ENGINES—CORROSION
Effect of organic additives in fuel on the corrosion and wear of internal combustion engines. I. N. Smirnova, S. A. Balezin, K. N. Golovanov. Uch. zap. MGPI no. 116: 127-146 '60.

GAS AND OIL ENGINES—LUBRICATION
Suleimanova, F. G., and I. I. El'ovich. [Working properties of fuels and lubricating oils for modern internal combustion engines] Eksploatatsionnye svoistva topliv i smazochnykh masel dlia sovremennykh dvigatelei vnutrennego sgoraniia. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1961. 150 p.

GAS AND OIL ENGINES—SUPERCHARGERS see Superchargers

GAS AND OIL ENGINES—TECHNOLOGICAL INNOVATIONS
Development of combined engines. A. S. Orlin. Izv. vys. ucheb. zav., mashinostr. no. 1: 7-13 '62.

GAS AND OIL ENGINES—TESTING
Balancing the two-stroke four-cylinder engine. N. D. Chainov. Izv. vys. ucheb. zav.; mashinostr. no. 1: 132-134 '62.

GAS AS FUEL—SAFETY MEASURES
Nechaev, M. A. [Safety measures in the transportation, distribution, and use of gas fuel] Tekhnika bezopasnosti pri transportirovke, raspredelenii i ispol'zovanii gazovogo topliva. Izd. 3, perer. i dop. Leningrad, Gostoptekhizdat, 1962. 299 p.

GAS CHROMATOGRAPHY
Analysis of gaseous hydrocarbons by adsorption chromatography on aluminum oxide. F. N. Maziitova, S. K. Ermakova, R. A. Virobiants. Khim. i tekh. topl. i masel 7 no. 4: 66-69 Ap '62.
Hardened polyester resin as a stationary phase in gas chromatography. M. S. Vinderganz, K. A. Gol'bert, R. A. Zimin. Khim. i tekh. topl. i masel 7 no. 4: 69-72 Ap '62.
Study of the effect of various parameters in preparative chromatography. K. V. Alekseeva, A. A. Zhukhovitskii, N. M. Turkel'taub. Khim. i tekh. topl. i masel 7 no. 4: 60-66 Ap '62.

GAS COOKING
Gas cookers. V. Bellunova, L. Litvinova, A. TSvetkova. Obshchestv. pit. no. 1: 34-37 Ja '02.

GAS DYNAMICS
Aerodynamic resistance of flat channels with a reverse symmetrical turn. V. I. Khanzhenkov. Prom. aerodin. no. 21: 151-166 '62.
Asymptotic law of smoothing out a discontinuity in a monoatomic gas [with summary in English]. R. G. Barantsev. Zhur. eksp. i teor. fiz. 42 no. 3: 889-895 Mr '62.
Borisenko, A. I. [Gas dynamics of engines] Gazovaia dinamika dvigatelei. Moskva, Gos. nauchno-tekhn. izd-vo, Oborongiz, 1962. 793 p.
A class of exact solutions of the three-dimensional equations in gas dynamics. A. A. Nikol'skii. Inzh. zhur. 1 no. 4: 11-17 '61.
Gas flow in a discharge tube. S. I. Fadeev. Inzh. zhur. 1 no. 4: 137-140 '61.
Laws of turbulent mixing of coaxial flows in a channel with a constant lateral cross section. O. V. IAkovlevskii. Inzh. zhur. 1 no. 4: 39-50 '61.
Methods for a numerical solution of problems arising in optical examinations of axially symmetric inhomogeneities [with summary in English]. V. A. Emel'ianov, G. P. Zhavrid. Inzh.-fiz. zhur. 5 no. 4: 64-70 Ap '62.
Propagation of finite perturbations in a medium subject to relaxation. A. L. Polinkova, S. I. Soluian, R. V. Khokhlov. Akust. zhur. 8 no. 1: 107-112 '62.
Some exact solutions in steady-state two-dimensional gas dynamics. A. F. Sidorov. Prik. mat. i mekh. 26 no. 2: 380-386 Mr-Ap '62.
Vibrational relaxation of I_2 in a I_2 - He mixture. A. I. Osipov. Dokl. AN SSSR 143 no. 6: 1302-1304 Ap '62.

GAS FLOW
Atomization of a spherical drop in a gas flow. V. A. Borodin, IU. F. Ditiakin, V. I. IAgodkin. PMTF no. 1: 85-92 Ja-F '62.
Collision of gas jets. N. N. Makeev. Prik. mat. i mekh. 26 no. 2: 306-315 Mr-Ap '62.
Effect of the concentration of the solid phase on the flow of gas in a vortex chamber. A. K. Leont'ev. Teploenergetika 9 no. 5: 25-28 My '62.
Method of analizing the effect of the degree of nonuniform distribution of flow velocities on the efficiency of the performance of industrial apparatus. I. E. Idel'chik. Teploenergetika 9 no. 5: 73-78 My '62.
Method of generalizing the experimental data on convection heat transfer under conditions of gas flow through the inlet section of the tube. S. I. Kosterin, A. I. Leont'ev, V. K. Fedorov. Teploenergetika 9 no. 5: 70-72 My '62.
Study of heat transfer in the flow of a rarefied gas in a plane supersonic nozzle [with summary in English]. S. I. Kosterin, IU. A. Koshmarov, IU. V. Osipov. Inzh.-fiz. zhur. 5 no. 4: 3-9 Ap '62.
Turbulent boundary layer of gas on a permeable wall. S. S. Kutateladze, A. I. Leont'ev. PMTF no. 1: 51-60 Ja-F '62.

GAS FLOW—MEASUREMENT
Calculation of thermal tubular flow meters. A. I. Gulinev. Zhur. tekh. fiz. 32 no. 3: 365-369 Mr '62.

GAS HEATING
Gas cookers. V. Bellunova, L. Litvinova, A. TSvetkova. Obshchestv. pit. no. 1: 34-37 Ja '62.

GAS INDUSTRY
Pan'kovskii, V. I. [Great gas] Bol'shoi gaz. Tashkent, Gos. izd-vo Uzbekskoi SSR, 1961. 63 p.

GAS MASKS
Gas is not dreadful when you have a gas mask. A. Dmitriev. Starsh.-serzh. no. 2: 33 F '62.

GAS PRODUCERS
Testing and finishing the experimental free-piston gas producer. V. S. Titarenko. Izv. vys. ucheb. zav., mashinostr. no. 1: 100-104 '62.

GAS PRODUCERS—TESTING
Effect of water injection on the parameters of free-piston gas producers. N. N. Kniazev. Izv. vys. ucheb. zav., mashinostr. no. 1: 114-121 '62.

GAS-TURBINE DISKS
Problem of the strength of gas turbine disks under conditions of nonstationary systems. A. P. Dinerman, L. B. Getsov. Teploenergetika 9 no. 5: 38-43 My '62.

GAS-TURBINE LOCOMOTIVES see subdivision under United States

GAS TURBINES
Advantages of using variable pressure in the outlet duct in internal combustion engines with gas turbine pressure charging. L. IA. Tabachnikov. Energomashinostroenie 8 no. 1: 17-20 Ap '62.
Borisenko, A. I. [Gas dynamics of engines] Gazovaia dinamika dvigatelei. Moskva, Gos. nauchno-tekhn. izd-vo, Oborongiz, 1962. 793 p.
Calculation of the characteristics of radial turbine stages. A. N. Sheratiuk. Izv. vys. ucheb. zav., energ. 5 no. 3: 54-59 Mr '62.
Emissivity characteristics of the flame and temperature conditions of the flame tube walls of multiple-register combustion chambers of gas turbines fired with liquid fuel. IA. P. Storozhuk. Energomashinostroenie 8 no. 4: 1-5 Ap '62.
Gas-turbine units for the power plants of lumbering enterprises. P. N. Romanenko. Trudy TSNIIME no. 27: 55-69 '61.
Increasing the efficiency of gas turbine systems by reducing the radial clearances of the axial compressor. B. S. Lebedev. Energomashinostroenie 8 no. 4: 40 Ap '62.
Some ways of improving the economy indices of combined radial-axial turbines. A. E. Zarlankin, A. N. Sheratiuk, M. F. Zatsepin. Teploenergetika 9 no. 5: 32-35 My '62.
Thermodynamics of a cooled gas turbine [with summary in English]. D. I. Mariev. Inzh.-fiz. zhur. 5 no. 4: 41-46 Ap '62.
Vsesoiuznyi sovet nauchno-tekhnicheskikh obshchestv. [Preventing the corrosion of internal combustion engines and gas turbine units] Bor'ba s korroziei dvigatelei vnutrennego sgoraniia i gazoturbinnykh ustanovok. Moskva, Mashgiz, 1962. 295 p.

GAS TURBINES—BLADES
Studying the velocity wheel type two-row stages of gas turbine systems. S. V. Grishchuk. Energomashinostroenie 8 no. 4: 22-26 Ap '62.

GAS TURBINES—TESTING
Application of the theory of similitude to the experimental study of the operational conditions of gas turbines. G. E. Kalinin. Teploenergetika 9 no. 5: 35-38 My '62.
Effect of design factors on the characteristics of gas turbine stages with a low Dop/l_p ratio. Kh. L. Babenko. Teploenergetika 9 no. 5: 43-46 My '62.

GAS WELDING AND CUTTING
(see also subdivision under Kustanay)
Pack cutting with low-pressure oxygen. V. P. Shevchenko, L. S. Sapiro, A. S. Glushchenko. Svar. proizv. no. 4: 38 Ap '62.

GAS WELL LOGGING
Gas logging after drilling wells. G. A. Mogilevskii. Razved. i okh. nedr 28 no. 4: 45-48 Ap '62.

GASES
Effect of viscous transfer of momentum on diffusion in a gaseous mixture [with summary in English]. V. Zhdanov, IU. Kagan, A. Sazykin. Zhur. eksp. i teor. fiz. 42 no. 3: 857-867 Mr '62.

GASES—ABSORPTION
Influence of sorption on the kinetics of the pumping out of vacuum systems. V. A. Malyshev. Zhur. tekh. fiz. 32 no. 3: 360-364 Mr '62.

GASES—ANALYSIS
Analyzer of inert gas purity. V. T. Nashempa, V. I. Lakomskii. Avtom. svar. 15 no. 5: 89-91 My '62.
Gas analyzer for measuring very weak concentrations of oxygen in hydrogen and helium. M. T. Borok, A. S. Mironov. Priborostroenie no. 3: 12-15 Mr '62.
Source of errors in carrying out gas analysis and means of preventing them. A. IA. Averbukh. Trudy LTI no. 48: 233-235 '58.
Use of electric gas analyzers for the determination of petroleum product vapors in the air. M. Orzherovskii. Mor. flot 22 no. 4: 20-23 Ap '62.

GASES—PURIFICATION
Testing rapid scrubbers for gas purification from chlorine. G. M. Ginodman, D. S. Glikin, I. L. Pelsakhov. TSvet. met. 35 no. 3: 42-46 Mr '62.
Use of electrostatic precipitators for the removal of solid impurities from gases in the synthesis of alkyl- and arylchlorosilanes. A. S. Sakhiev, R. S. Fraiman, M. A. Kornev. Plast. massy no. 4: 19-21 '62.
Uzhov, V. N. [Purification of industrial gases by means of electrostatic precipitators] Ochistka promyshlennykh gazov elektrofil'trami. Moskva, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1962. 299 p.

GASES, RARE
"Inert gases" by D. N. Finkel'shtein. Book review. Priroda 51 no. 4: 47 Ap '62.

GASES IN METALS
Pores in glue layers and ways to correct them. I. M. Lunev. Lit. proizv. no. 4: 47 Ap '62.
Tendency of welded joints in titanium alloys toward slow cracking. A. S. Mikhailov, B. S. Krylov. Metalloved. i term. obr. met. no. 4: 48-53 Ap '62.

GASOLINE
Combined operation of the reforming of ligroine with the light cracking in fuel oils in a double-chamber furnace of thermal cracking processes. R. G. Ismailov, M. I. Korneev, O. T. Karagodova. Khim. i tekh. topl. i masel 7 no. 4: 3-5 Ap '62.
Composition of industrial liquid-phase hydrogenates. Report No. 6: Composition of the gasoline fraction of petroleum residue hydrogenates. R. I. Sidorov and others. Trudy Vost.-Sib. fil. AN SSSR no. 38: 77-86 '61.
Pyrolysis of gasoline vapors to acetylene and olefins in hydrogen plasma. D. T. Il'in, E. N. Eremin. Vest. Mosk. un. Ser. 2, Khim. 17 no. 2: 29-30 Mr-Ap '62.

GASTRIC JUICE
Change in the activity of isolamide under the influence of gastric and intestinal juices. N. I. Krivtsova. Farm. i toks. 25 no. 1: 67-68 Ja-F '62.
Clinical evaluation of the various methods of studying gastric acidity in children without catheterization. IU. B. Vishnevskii, A. F. Krinitskii. Sov. med. 25 no. 1: 99-105 Ja '62.

GASTRITIS see Stomach—Inflammation

GASTROENTEROLOGY
Disorder of water-mineral metabolism and hemodynamics in acute gastrointestinal diseases in infants and problems in their treatment. N. V. Vanlukov. Pediatriia no. 4: 26-34 '62.
Effectiveness of using low molecular polyvinyl pyrrolidone in treating acute gastrointestinal diseases in infants [with summary in English]. E. V. Abramova, A. A. From. Pediatriia no. 4: 35-39 '62.

GASTROENTEROLOGY—CLASSIFICATION
Apropos of the proposal for a new classification of gastrointestinal diseases in infants (Pediatriia no. 12, 1960). S. D. Nosov. Pediatriia no. 4: 75-83 '62.

GASTROPODA see subdivision under Black Sea; Gudauty region; Sevastopol, Bay of

GASTROSTOMY see Stomach—Surgery

GATEEV, SAFONII BEPAEVICH, 1912-1962
Safonii Bepaevich Gateev; obituary. Prom. energ. 17 no. 4: 51 Ap '62.

GAUGES—TESTING
New method for determining the nonparallelism of gauge blocks. V. P. Koronkevich, V. P. Golubkova. Izm. tekh. no. 4: 7-8 Ap '62.

GAUGING
Tank gauging. G. M. Markhasev. Sudostroenie 28 no. 3: 53-54 Mr '62.

GAZIEV, ALEKSANDR PAVLOVICH
Enthusiast of the theater. N. Volkov. Teatr 23 no. 5: 161 My '62.

GDANSK see Danzig

GEAR CUTTING

Grinding low-module spur gears. V.I.Golikov. Av. prom. 26 no.8:29-36 '57.

Improving the smoothness of tooth surfaces in shaving medium module gears. M.Z. Mil'shtein. Vest. mash. 42 no.2:66-67 F '62.

Moskovskoe gorodskoe nauchno-tekhnicheskoe obshchestvo mashinostroiteley. [Modern methods for evaluating the quality and means for increasing the precision in manufacturing gears] Sovremennye metody otsenki kachestva i puti povysheniia tochnosti izgotovleniia zubchatykh peredach. Moskva, Mashgiz, 1962. 133 p.

Shaving gears on parallel axles. I.V.Semenikhin, R.I. Evstigneev. Av.prom. 26 no.8:88-89 '57.

GEAR-CUTTING MACHINES

Semiautomatic machine based on the horizontal milling machine for rough-cutting bevel gear teeth. P.G. Gorbarenko, A.D.Shkil', S.M.Krivitskii. Mashinostroenie no.2:16-20 Mr-Ap '62.

GEAR-SHAPING MACHINES

Cold rolling of low-module gear wheels. V.P. Efimov. [Trudy] MVTU no.105:90-103 '61.

GEARING

Determining the gear ratio and the efficiency of planetary transmissions. V.IA.Sukhina. Vest.mash. 42 no.4: 37-43 Ap '62.

Elastic slipping in friction transmission. L.A. Passet. Trudy VNAIZ no.5:3-9 '59.

Selecting materials for open gear transmissions operating without lubrication in a corrosive medium. T.T. Belousova, S.F. Fonarev. Metod. issl. det. i mat. mash. i prib. no.1:17-28 '61.

GEARING—TESTING

Present status and future development of control devices for gears. N.N. Maikov. Izm. tekh. no.4:4-7 Ap '62.

GEARING—WELDING

Repair of gearings on the 4500 mill by electric slag welding. F.D. Kashchenko. Svar. proizv. no.4: 38-39 Ap '62.

GEARING, SPIRAL

Increasing the wear resistance of helical gears of separators. K.A.Moskatov. Tren. i izn. mash. no.15:137-140 '62.

GEESE

White goose. E. Nosov. Ulin. nat. no.4:36-37 Ap '62.

GELATIN

Therapeutic effectiveness of a new colloidal plasma substitute solution prepared from gelatine. I.G. Bogomolova, T.V. Znamenskaia. Probl. gemat. i perel. krovi no.4:32-37 '62.

GELATION

Apparatus for determining the gelatinization time of epoxide and polyester compositions. M.M. Iankovich, R.V. Molotkov. Plast. massy no.5:60-61 '62.

Gelatinization of poly(vinyl chloride) pastes. D.F. Sokolova, O.G. Tarakanov. Plast. massy no.3:5-7 '62.

GEL'MAN, ANNA DMITRIEVNA, 1902-

Anna Dmitrievna Gel'man, on the 60th anniversary of her birth. Radiokhimiia 4 no.1:5-6 '62.

GENERALIZED SPACES see Spaces, Generalized

GENERATIVE ORGANS—DISEASES

Vibriosis of farm animals. A.A.Sysoev. Veterinariia 39 no.1:82-84 Ja '61.

[illegible]ALE

[illegible]m with fistulas into the sex[illegible] Ped., akush. i

[illegible]g radia-
[illegible]le ino
[illegible]ovye
[illegible]Moskva,

[illegible]se of
[illegible]i 23

[illegible]act with
[illegible]af. akush.

[illegible]results in
[illegible]according
[illegible]sars.
[illegible]gin. GMI

[illegible]male
[illegible]fro.

[illegible]t tumors
[illegible]Sbor.
[illegible]i '60.
[illegible]rgans
[illegible]]. V.S.

GENERATIVE ORGANS, FEMALE—DISEASES

Influence of working conditions on the sexual sphere of women in porcelain production. V.P. Veis. Ped., akush. i gin. 23 no.3:61-62 '61.

GENETICS

Kuznetsov, A.I., and I.V. Driagina. [Social and gnoseological roots of Weissmanism-Morganism] Sotsial'nye i gnoseologicheskie korni veismanizma-morganizma; lektsiia dlia studentov-zaochnikov gosudarstvennykh universitetov. [Moskva] Izd-vo Mosk. univ., 1961. 36 p.

Platonov, G.V. [Dialectical materialism and some problems of genetics] Dialekticheskii materializm i voprosy genetiki. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 161 p.

GENEVA—LIBRARIES

Lenin and the Russian Social Democratic Party Library in Geneva. K. Abramov. Bibliotekar' no.4:9-11 Ap '62.

GENITOURINARY ORGANS—DISEASES

Some clinical and therapeutic characteristics of impotence appearing after urologic diseases [with summary in English]. I.M.Porudominskii. Urologiia no.6:42-46 '61.

Urogenital schistosomiasis [with summary in English]. A.A. Koisman, I.S. Bolgarskii. Urologiia no.2:47-51 '62.

GENITOURINARY ORGANS—SURGERY

[Multivolume manual on surgery] Mnogotomnoe rukovodstvo po khirurgii. Moskva, Gos. izd-vo med. lit-ry.
Vol 9, Pytel', A.IA., ed. [Surgery of the urinary and genital organs and the retroperitoneal space] Khirurgiia mochevykh i polovykh organov i zabriushinnogo prostranstva. 1959. 630 p.
(DNLM)

Results of surgery to remove the uterus and vagina in prolapse after our modification. E.Z. Rabinovich. Sbor. nauch. rab. Kaf. akush. i gin. GMI no.1:230-232 '60.

Results of the surgical treatment of urogenital fistulae. A.M. Mineeva. Sbor. nauch. rab. Kaf. akush. i gin. GMI no.1:233-234 '60.

GENITOURINARY ORGANS—TUBERCULOSIS

Physiotherapeutic methods in treating urogenital tuberculosis. V.S. Kuz'mina. Urologiia no.6:65-66 '61.

GEOCHEMICAL PROSPECTING
(see also subdivision under Ukraine)

Evaluating the hydrochemical conditions of an area in order to interpret anomalies correctly. A.M. Cherniaev. Razved. i okh. nedr 28 no.3:36-41 Mr '62.

Geochemical search for ore deposits by stray fluxes. V.V. Polikarpochkin. Sov. geol. 5 no.4:63-76 Ap '62.

Hydrogeochemical method of prospecting for copper and nickel sulfide deposits on the Kola Peninsula. A.A. Antonov. Razved. i okh. nedr 28 no.3:15-18 Mr '62.

Use of geochemical and geophysical methods in prospecting for boron. V.I. Baranov, V.L. Barsukov. Zakonom. razm. polezn. iskop. 2:495-502 '59.

GEOCHEMICAL PROSPECTING—EQUIPMENT AND SUPPLIES

GKhL-1 semiportable field laboratory (developed by the All-Union Scientific Research Institute of Hydrogeology and Geological Engineering) for hydrochemical prospecting for ore deposits. I.IU. Sokolov. Razved. i okh. nedr 28 no.4:44-45 Ap '62.

GEOCHEMISTRY

Geochemistry of germanium. A.I. Zagianskii. Dokl. AN SSSR 143 no.6:1435-1437 Ap '62.

Geochemistry of thallium, rubidium, and lithium in igneous processes [with summary in English]. N.T. Voskresenskaia and others. Geokhimiia no.3:240-258 '62.

Summaries of the principal articles in "Geochimica et Cosmochimica Acta," no.1/2, 1961. Geokhimiia no.3: 286-288 '62.

GEODESY

Golubeva, Z.S., O.V. Kaloshina, and N.I. Sokolova. [Textbook for laboratory and practical work in geodesy] Posobie k laboratorno-prakticheskim zaniatiiam po geodezii. Izd.2. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 222 p. (Uchebniki i uchebnye posobiia dlia vysshikh sel'skokhoziaistvennykh uchebnykh zavedenii)
[MICROFILM]

V.V. Kavraiskii's "Selected works." Reviewed by A.A. Pavlov. Vest. LGU 17 no.6:157-160 '62.

GEODESY—ABSTRACTS

[Astronomy and geodesy] Ref. zhur.: Astron. i geod. no.4 Ap '62.

GEO-ELECTRIC PROSPECTING see Electric prospecting

GEOGRAPHY
(see also subdivision under Crimea; Latvia)

M.V. Lomonosov's works in the field of geography. V.I. Grekov. Vop. ist. est. i tekh. no.12:118-128 '62.

"Theoretical problems in geography" by V.A. Anuchin. Reviewed by N.D. Zakharov. Vest. LGU 17 no.6: 153-156 '62.

GEOGRAPHY—ABSTRACTS

[Geography] Ref. zhur.: Geog. nos.4-5 Ap-My '62.

GEOGRAPHY—DICTIONARIES

Agapov, S.V., S.N. Sokolov, and D.I. Tikhomirov. [Geographical dictionary] Geograficheskii slovar'. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 155 p. (Biblioteka shkol'nika)

GEOGRAPHY—STUDY AND TEACHING

Daily geographic observations in eight-year schools. T.B. Tetere'kyi. Rad. shk. 11 no.5:90-91 My '62.

Nikolaev, N.G., and E.V. Iashkova. [Local geography, teacher's manual] Kraevedenie; posobie dlia uchitelia. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 156 p.

GEOGRAPHY, ECONOMIC see also subdivision 'Economic geography' under Evenki National Area; Khakass Autonomous Province; Latvia; Rumania; Siberia, Western

GEOGRAPHY, HISTORICAL

The march of history, political maps of 1914, 1938, and 1961. Mezhdunar. zhizn' 9 no.5:137-146 My '62.

GEOLOGICAL SURVEYS see subdivision under Kamchatka

GEOLOGICAL TIME
(see also subdivision under Pamirs)

Absolute age of rocks and the structure of Antarctica. P.S. Voronov. Inform. biul. Sov. antark. eksp. no.31: 15-21 '61.

Age of igneous complexes in the Obi-Safed and Ios Basins (southern slope of the Gissar Range). S.M. Bakhadyrzhaev. Trudy AN Tadzh. SSR 104 no.1:21-25 '59.

Nomograms for computing errors in determining the absolute age by the lead method [with summary in English]. I.V. Chernyshev. Geokhimiia no.3:271-273 '62.

GEOLOGY
(see also subdivision under Baltic Sea region; Kazakhstan; Khingan Mountains; Ob' Valley; Turkestan Range; Yenisey Ridge)

At a new stage. Izv. AN SSSR. Ser. geol. 27 no.4:3-6 Ap '62.

Goroshkov, G.P., and A.F. IAkusheva. [General geology] Obshchaia geologiia. Izd.2. [Moskva] Izd-vo Mosk. univ., 1962. 563 p.

Leningrad. Vsesoiuznyi geologicheskii institut. [Results of the research carried out by the All-Union Geological Institute in 1959] Ezhegodnik po rezul'tatam rabot VSEGEI za 1959 g. Leningrad, Otdel nauchno-tekhn. informatsii VSEGEI, 1961. 195 p. (Informatsionnyi sbornik, no.44)

Role of stratigraphic, lithologic, and structural factors in the distribution of pyrite mineralization in northern Armenia. P.F. Sopko. Zakonom. razm. polezn. iskop. 2:372-395 '59.

Session devoted to the 300th anniversary of the foundation of Lvov University. G.N. Molitouri. Geokhimiia no.3: 286 '62.

GEOLOGY—ABSTRACTS

[Geology] Ref. zhur.: Geol. nos.4-5 Ap-My '62.

GEOLOGY—BIBLIOGRAPHY see Bibliography—Geology

GEOLOGY—CONGRESSES

Results of the Conference for the Study of Subsurface Geology of Member Countries of the Council of Mutual Economic Assistance. N.A. Belisevskii, A.E. Golov. Sov. geol. 5 no.4:138-140 Ap '62.

GEOLOGY—MAPS

Content of geological maps of closed territories. IU.IA. Kuznetsov. Sov. geol. 5 no.4:127-129 Ap '62.

Increasing the efficiency of electric profiling in geological mapping. I.M. Blokh. Razved. i okh. nedr 28 no.3: 30-35 Mr '62.

Mean gradient method in large-scale geological mapping. A.S. Semenov, L.V. Turchaninov, D.R. Barkhatov. Vop. rud. geof. no.2:15-35 '61.

GEOLOGY, ECONOMIC

Methodological problems in comparing the economic indices of fuel production. A. Probst. Vop. ekon. no.4: 47-55 Ap '62.

GEOLOGY, STRATIGRAPHIC
(see also subdivision under Aldan Plateau; Altai Mountains; Angara Valley; Azov Sea region; Dnieper-Donets Lowland, Donets Basin, Fergana; Georgia; Irtysh Valley; Kara Kum; Kara-Tau; Kazakhstan; Ket' Valley; Kopet-Dag region, Krasnovodsk region, Kuznetsk Ala-Tau; Minusinsk Basin; Northern Baikal Highland; Novyy Vasyugan region; Ob' Valley; Orel Valley, Ukraine; Ossetia; Patom Plateau; Russian Platform; Sayan Mountains; Sikhote-Alin' Range; Turkmenistan; Ulu-Tau; Ural Mountains; Vilyuy Valley; West Siberian Plain; Yenisey Ridge; Yenisey Valley)

Cretaceous and Tertiary continental formations of the southern Ural-Siberian epihercynian platform and regularities of the mineral locations in it. K.V. Nikiforova, V.N. Razumova. Zakonom. razm. polezn. iskop. 2: 166-182 '59.

GEOLOGY, STRATIGRAPHIC (Continued)

Lower and Middle Devonian petrographic and mineralogical characteristics of the South Minusinsk lowland
N. A. Lazarek. Trudy SNIIGGIMS no. 1, 80-86 '59

Tertiary and Upper Cretaceous glauconite formation in the southeastern part of the West Siberian Plain T. I. Gurova. Trudy SNIIGGIMS no. 1, 64-71 '59.

GEOLOGY, STRUCTURAL

(see also subdivision under Altai Mountains, Antarctic regions, Arctic regions, Baikal, Lake, Carpathian Mountain region; Caucasus, Chulym Valley, Irkutsk Province; Ilysh Valley, Kazakhstan; Magnitogorsk, Malyy Atlym region, Markha Valley, Mikashevichi region; Pamirs, Rumania; Sayan Mountains, Tatar A. S. S. R.; Trans-Ili Ala-Tau, Ural Mountain region, Uzbekistan; Volga Valley; Volgograd Province, West Siberian Plain; Yenisey Valley, Zhitkovichi region)

Basic structural elements in the Pre-Cambrian. A. M. Leites. Izv. AN SSSR. Ser. geol. 27 no. 1:102-105 Ap '62.

Regional studies of the subsurface geology of closed and partly closed territories. N. A. Bellaevskii, A. V. Grigor'ev, V. I. Fediuk. Sov. geol. 5 no. 3:23-30 Mr '62

Significance of the relative altitude of terrace levels of the left bank of the middle Dnieper for the determination of amplitudes of recent tectonic movements. M. B. Volkov. Geol. zhur. 22 no. 2, 98-103 '62.

Tectonic regularities in the distribution of mercury mineralization in the Tien Shan. N. M. Sintsyn. Zakonom. razm. polezn. iskop. 2, 396-410 '59.

GEOMETRICAL OPTICS see Optics, Geometrical

GEOMETRY

(see also subdivision under Ukraine)

Perel'man, Ia. I. [Geometry made interesting] Zanimatel'naia geometriia. Izd. 11, stereotipnoe. Pod red. i s dopolneniiami B. A. Kordemskogo. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1959. 301 p. (RPB)

GEOMETRY, ANALYTIC

Cayley's generalized problem and some problems related to it. V. A. Manevich. Dokl. AN SSSR 143 no. 6: 1272-1273 Ap '62.

GEOMETRY, DIFFERENTIAL

Complexes of straight lines in three-dimensional projective space. S. E. Karapetian. Mat. sbor. 56 no. 3: 343-352 Mr '62.

GEOMETRY, DIFFERENTIAL—PROJECTIVE

Projective-differential geometry of a two-parameter family of straight lines and planes in a four-dimensional space. Part 1. S. P. Karapetian. Izv. AN Arm. SSR, Ser. fiz.-mat. nauk 15 no. 2, 25-43 '62

GEOMETRY, PROJECTIVE

Nomographic approximation of elliptic functions and nomograms in complex projective planes. I. A. Vilner. Vych. mat. no. 7, 3-74 '61

GEOMETRY, SOLID

Malanskii, E. I. [Homemade visual aids in solid geometry] Samodel'nye naglidnye posobiia po stereometrii. [Kostroma] Kostromskoe knizhnoe izd-vo, 1959. 81 p.

GEOMORPHOLOGY see subdivision under Trans-Ili Ala-Tau; Uzbekistan

GEOPHYSICAL PROSPECTING see Prospecting—Geophysical methods

GEOPHYSICAL RESEARCH see subdivision under Antarctic regions

GEOPHYSICS

Cosmic factors in geotectonics. M. S. Eigenson. Izv. AN SSSR, Ser. geol. 27 no. 4:7-12 Ap '62.

GEOPHYSICS—ABSTRACTS

[Geophysics] Ref. zhur.: Geofiz. no. 4 Ap '62.

GEOPHYSICS—STUDY AND TEACHING see subdivision under Leningrad

GEORGIA—BIOGRAPHY

Mikava, N., comp. [Sons of Georgia; a collection] Gruzii syny; sbornik. Moskva, Molodnia gvardiia, 1961. 613 p. (Zhizn' zamechatel'nykh liudei. Serila biografii, no. 2(316))
(MR)

GEORGIA—CATTLE—DISEASES AND PESTS

Malignant catarrhal fever and listerellosis in cattle. G. G. Bedoshashvili, I. F. Gogilashvili, P. N. Ionidi. Veterinariia 37 no. 8:26-27 Ag '60.

GEORGIA—COMMUNIST PARTY OF THE SOVIET UNION—CONGRESSES

Kommunisticheskaia partiia Gruzii. TSentral'nyi Komitet. [Report of the Central Committee of the Communist Party of Georgia to the 21st Congress of the party; the report of Comrade V. P. Mzhavanadze, alternate member of the Presidium of the CPSU and the First Secretary of the Central Committee of the Communist Party of Georgia, September 27, 1961. Resolution of the 21st Congress of the Communist Party of Georgia based on the report of the Central Committee, adopted unanimously on September 28, 1961] Otchet TSentral'nogo Komiteta KP Gruzii XXI s"ezdu Kompartii Gruzii; doklad kandidata v chleny prezidiuma TsK KPSS, pervogo sekretaria TsK Kompartii Gruzii tovarishcha V. P. Mzhavanadze, 27 sentiabria 1961 goda. Rezoliutsiia XXI s"ezda Kompartii Gruzii po otchetu TSentral'nogo Komiteta, priniata edinogiasno 28 sentiabria 1961 goda. Tbilisi, Izd-vo TsK KP Gruzii, 1961. 81 p.

GEORGIA—CONSTRUCTION WORKERS

Restless soul. K. Beruchashvili. Komsom. zhizn' no. 8 18-20 Ap '62

GEORGIA—FOOT-AND-MOUTH DISEASE

Control of the foot-and-mouth disease under conditions of the seasonal pasture system of animal husbandry in the Georgian S. S. R. P. I. Khukhunaishvili. Veterinariia 37 no. 8:16-20 Ag '60.

GEORGIA—GEOLOGY, STRATIGRAPHIC

Recent data on the geological age of tufogenic deposits in southern Georgia. L. K. Gabunia, T. N. Lazarashvili. Soob. AN Gruz. SSR 28 no. 1, 53-55 Ja '62

GEORGIA—INDUSTRIAL SAFETY

Investigate and prevent. S. Khasashvili. Okhr. truda i sots. strakh. 5 no. 3 23 Mr '62

GEORGIA—JOURNALISTS

Time presents the bill. T. Ambarova. Sov. pech. no. 4 38-39 Ap '62.

GEORGIA—KIDNEYS, MOVABLE

Studying the distribution of nephroptosis. D. D. Murvanidze. Soob. AN Gruz. SSR 28 no. 1:119-123 Ja '62.

GEORGIA—LABOR SUPPLY

Gunia, A. L. [Replacement of the labor force in the industry of the Georgian S. S. R.] Vospolzovodstvo rabochei sily v promyshlennosti Gruzinskoi SSR. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1961 522 p.

GEORGIA—LEGISLATIVE REFERENCE BUREAUS

Work of a committee for the codification of laws and preparation of new legislative enactments attached to the Council of Ministers of the Georgian S. S. R. M. N. Lomidze. Sov. gos. i pravo 32 no. 5, 107-111 My '62.

GEORGIA—MANGANESE ORES

Potentials of Oligocene manganese deposits of Georgia. R. D. Lekvinadze, V. IA. Edilashvili. Razved. i okh. nedr 28 no. 1:8-13 Ap '62.

GEORGIA—NEMATODA

Study of mueliriosis in domestic and wild animals of Georgia. D. V. Moseliani, T. E. Rodonaia. Soob. AN Gruz. SSR 28 no. 1:79-80 Ja '62.

GEORGIA—PALMS

Odishariia, K. IU. [Cultivation of palms in Georgia] Kul'tura pal'm v Gruzii. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1955. 129 p.
(DA)

GEORGIA—SILVERSMITHING

Specimens of Georgian embossing on silver of the 11th-12th century in the collection of the State Hermitage [with summary in English]. K. A. Rakitina. Trudy Gos. Erm. 5, 64-75 '61.

GEORGIA—TECHNOLOGICAL INNOVATIONS

Progressive workers in industry as public contributors to newspapers. T. Ambarova. Sov. pech. no. 3 17 Mr '62.

GEORGIA—VETERINARY MEDICINE

"History of veterinary medicine in Georgia" by K. Kapanadze. Reviewed by V. M. Koropov. Veterinariia 38 no. 1:60 Ja '61.

GEORGIAN NEWSPAPERS

Progressive workers in industry as public contributors to newspapers. T. Ambarova. Sov. pech. no. 3 17 Mr '62

GERBILS

New method of catching large gerbils and migrating fleas [with summary in English]. IU. A. Leonov. Zool. zhur. 41 no. 2:296-299 F '62.

Role of the gerbils Meriones meridianus Pall. and Meriones tamariscinus Pall. in the preservation and spread of brucellosis [with summary in English]. I. F. Taran, M. M. Rudnev, V. A. Miroshnichenko. Zhur. mikrobiol., epid. i immun. 33 no. 3:127-132 Mr '62.

GERBILS—DISEASES AND PESTS

Cost of large gerbils and its effect on the amount of fleas in these rodents during different seasons [with summary in English]. S. A. Vansulin, L. A. Volkova. Zool. zhur. 41 no. 1:147-150 Ja '62

GERIATRICS

Risk in surgical interventions on elderly and senile patients. P. V. Ryzhov. Zdravookhranenie 5 no. 1:15-16 Ja-F '62

GERMAN DEMOCRATIC REPUBLIC see Germany, East

GERMAN FEDERAL REPUBLIC see Germany, West

GERMAN LANGUAGE

Berkhina, A. IA., and others. [German language textbook] Uchebnik nemetskogo iazyka. Moskva, Vneshtorgizdat.
Pt. 3, 1961. 462 p.

GERMAN LANGUAGE—DICTIONARIES—RUSSIAN

[Concise German-Russian and Russian-German dictionary] Kratkii nemetsko-russkii i russko-nemetskii slovar'. Sost. O. D. Lipshits i A. B. Lokhovits. Izd 10., ispr. i dop. Moskva, Gos. izd-vo inostr. i natsional'nykh slovarei, 1960. 576 p.

Malakhovskii, IA. E., comp. [German-Russian motor vehicle and tractor dictionary] Nemetsko-russkii avtotraktornyi slovar'. Moskva, Glav. red. inostr. nauchno-tekhn. slovarei Fizmatgiza, 1961. 232 p., illus.

GERMAN LANGUAGE—GRAMMAR

Grammatical terminology of Latin origin. E. G. Semenov. Inostr. iaz. v shkole no. 2:102-103 Mr-Ap '62.

Vasil'eva, M. M., and L. N. Geveling. [Practical grammar of the German language] Prakticheskaia grammatika nemetskogo iazyka. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 253 p.

GERMAN LANGUAGE—STUDY AND TEACHING

Contact between the study of foreign languages and life. F. I. Kovshikova. Inostr. iaz. v shkole no. 2:95-96 Mr-Ap '62.

"Methods of teaching the German language" by I. D. Saliatr. Reviewed by I. Gorelov, R. Nedialkov. Inostr. iaz. v shkole no. 2:112-117 Mr-Ap '62.

Section conferences. Inostr. iaz. v shkole no. 2, 49-60 Mr-Ap '62.

Some cliches of German oral speech. E. V. Rozen. Inostr. iaz. v shkole no. 4:105-114 Jl-Ag '61.

Some methods of teaching the German language in an evening (staggered) school. R. F. Romanovskaia. Inostr. iaz. v shkole no. 2:100-102 Mr-Ap '62.

Teaching the spoken language to fifth-grade pupils in the fourth quarter. V. Vykhota. Nar. asv. no. 3 61-64 Mr '62

Working on lexicology and grammar with the purpose of using them in oral speech. Inostr. iaz. v shkole no. 2: 96-98 Mr-Ap '62.

GERMAN LANGUAGE—TRANSLITERATION INTO WHITE RUSSIAN

Transliteration of German first and last names as well as the names of geographical places into the White Russian language. B. P. Barkouski. Pratsy Inst. mov. AN BSSR no. 8:257-260 '61.

GERMAN NAMES see Names, German

GERMAN PAINTING see Painting, German

GERMANIUM

(see also subdivision under Dnieper Valley)

Determining small quantities of germanium in ores and minerals. K. G. Isaeva, L. G. Zhuravlev. Trudy Inst. min., geokhim. i kristallokhim. red. elem. no. 2:278-284 '59.

Etching of germanium crystals near dislocations. M. D. Uspenskii. Kristallografiia 7 no. 2:325-328 Mr-Ap '62.

Geochemistry of germanium. A. L. Zagianskii. Dokl. AN SSSR 143 no. 6:1435-1437 Ap '62

Recombination properties of gold in n-germanium. I. V. Karpova, V. G. Alekseeva, S. G. Kalashnikov. Fiz. tver. tela 4 no. 3:634-641 '62.

Some remarks concerning the genesis of germanium in coal sediments. IE. S. Burkser, T. B. Kornilenko. Geol. zhur. 22 no. 2:103-105 '62.

GERMANIUM—ANALYSIS

Determination of germanium and its dioxide in air [with summary in English]. M. D. Babina. Zhur. anal. khim. 17 no. 2:252-253 Mr-Ap '62

Quantitative spectral determination of small amounts of germanium, indium, and thallium in silicate rocks [with summary in English]. L. I. Pavlenko, Z. M. Davydova. Zhur. anal. khim. 17 no. 2:199-201 Mr-Ap '62.

GERMANIUM-ALUMINUM ALLOYS see Aluminum-germanium alloys

GERMANIUM-ALUMINUM-PHOSPHORUS ALLOYS

Separate and simultaneous solubility of aluminum and phosphorus in germanium and silicon. M. Kh. Abrikosov, V. M. Glazov, Liu Chzhen'-iuan'. Zhur. neorg. khim. 7 no. 4:831-835 Ap '62.

GERMANIUM-ARSENIC ALLOYS

Arsenic solubility in germanium. V.S. Zemskov, B.G. Zhurkin, K.V. Iurkin, Izv. AN SSSR, Otd. tekh. nauk Met. i topl. no. 2 134-135 Mr-Ap '62.

GERMANIUM CRYSTALS

Studying n-germanium monocrystals by the anode etching method. V.N. Maslov, A.V. Ovodova, L.V. Nabatova. Kristallografiia 7 no. 2 271-275 Mr-Ap '62.

Tantalum diffusion in monocrystalline germanium. V.I. Tagirov, A.A. Kuliev. Izv. AN Azerb. SSR. Ser. fiz.-mat. i tekh. nauk no. 1 65-68 '62

GERMANIUM SELENIDES—ELECTRIC PROPERTIES

Conductance of vitreous $GeSe_x$. Z.U. Borisova, R.L. Mueller, TSzin' Chen-tsai. Zhur. prikl. khim. 35 no. 4 774-777 Ap '62.

GERMANY—ALLIED OCCUPATION, 1918-1930

Galkin, A.A. [The Treaty of Versailles and Rhineland separatists] Versal' i reinskie separatisty. Moskva, Izd-vo Akad. nauk SSSR, 1962. 108 p. (Nauchno-popularnaia serila)

GERMANY—EDUCATION

Ideological position and opportunistic policy of German social democracy in the field of education. T.F. IArkina. Sov. pedag. 26 no. 4 117-120 Ap '62

GERMANY—HISTORY

Seydewitz, Max. [Germany between the Oder and the Rhine; on the current history of Germany. Translated from the German] Germaniia mezhdu Oderom i Reinom; k noveishei istorii Germanii. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1960. 708 p.
(NNC)

GERMANY—LABOR AND LABORING CLASSES—CONGRESSES

A test in loyalty. A. Blinov. Sov. profsoiuzy 18 no. 9. 35-39 My '62.

GERMANY—NATIONAL SOCIALISM

"How the National Socialists seized power, studies on the establishment of a totalitarian system in Germany in 1933-1934" [in German] by K.D. Bracher, W. Sauer, G. Schulz. Reviewed by L. Georgiev. Nov. i noveish. ist. no. 2 159-162 '62.

GERMANY—POLITICS AND GOVERNMENT

Chameleons. V. Stezhenskii. Novyi mir 38 no. 1 243-245 Ja '62

Grotewohl, Otto. [Selected articles and speeches, 1945-1959. Translated from the German] Izbrannye stat'i i recht, 1945-1959 gody. Moskva, Gospolitizdat, 1961. 559 p.
(MH)

GERMANY—WORLD WAR, 1939-1945

Himmler's last action in the sphere of foreign policy. V. Chernov. Voen.-ist. zhur. 4 no. 4:124-128 Ap '62

GERMANY, EAST—AGRICULTURE, COOPERATIVE

Cooperative agriculture in the German Democratic Republic. N.P. Dracheva. Uch. zap. IMO no. 4. 25-39 '61

GERMANY, EAST—ARMED FORCES

Their mother country is the German Democratic Republic. R. Sidorenko. Starsh.-serzh. no. 3:21 Mr '62.

GERMANY, EAST—ARMY

Tactical exercises with units (from the experience of the National People's Army of the German Democratic Republic) H. Zahn. Voen. vest. 41 no. 4:72-73 Ap '62

GERMANY, EAST—CHILDREN—EMPLOYMENT

Youth employment in the German Democratic Republic and the Federal Republic of Germany. A. Zhdanov. Okhr. truda i sots. strakh. 5 no. 4. 46-47 Ap '62

GERMANY, EAST—CLOTHING INDUSTRY

Taking into account the variations of the human frame in pattern design. Shvein. prom. no. 2:39 Mr-Ap '62.

GERMANY, EAST—CRIMINAL LAW

"Basic principles of the criminal law of the German Democratic Republic" by M. A. Gel'fer, I. A. Speranskii. Sov. gos. i pravo 32 no. 5:154-155 My '62.

GERMANY, EAST—EDUCATION

Systematizing academic material in the schools of the German Democratic Republic. V. Dorst. Nar. obr. no. 4 103-105 Ap '62.

GERMANY, EAST—FINANCE

Monetary-credit and financial system of the German Democratic Republic. V.P. Komissarov, A.N. Popov. Uch. zap. IMO no. 4:3-24 '61.

GERMANY, EAST—LANGUAGES—PERIODICALS

Survey of the periodical "Fremdensprachenunterricht" (German Democratic Republic) for 1960. T. Auerbakh. Inostr. iaz. v shkole no. 4:124 Jl-Ag '61.

GERMANY, EAST—MINING ENGINEERING

Driving 711.2 m. of a double-track crosscut in a month. D.V. Shishkov. Shakht. stroi. 6 no. 4:27-30 Ap '62

GERMANY, EAST—MONEY

Monetary-credit and financial system of the German Democratic Republic. V.P. Komissarov, A.N. Popov. Uch. zap. IMO no. 4 3-24 '61

GERMANY, EAST—MOTION-PICTURE PLAYS

Salud, camaradas! B. Medvedev. Isk. kino no. 4:27-30 Ap '62.

GERMANY, EAST—POTASH INDUSTRY

Distribution of the potash industry in the German Democratic Republic. A.D. Matveev. Uch. zap. IMO no. 4. 40-51 '61.

GERMANY, EAST—PSYCHOLOGY, INDUSTRIAL

Activity and role of specialists in industrial psychology in the German Democratic Republic. Vop. psikhol. 8 no. 1 174-177 Ja-F '62.

GERMANY, EAST—PUBLIC HEALTH

Development of the public health system in the German Democratic Republic. K. Renker. Zdrav. Ros. Federat. 6 no. 1 36-40 Ap '62.

GERMANY, EAST—RECLAMATION OF LAND

End of "taiga" marsh. Herbert Doms. Vokrug sveta no. 4:53 Ap '62.

GERMANY, EAST—REGISTERS

"Statistical Yearbook of the German Democratic Republic, 1959" [in German] Reviewed by Z.G. Frenkel', T.S. Soboleva. Gig. i san. 26 no. 5 116-118 My '61

GERMANY, EAST—RESTAURANTS, LUNCHROOMS, ETC

Comfortable furniture. Obshchest. pit. no. 3:56 Mr '62.

GERMANY, EAST—ROTATION OF CROPS

Crop rotations which include row crops are more advantageous than grassland crop rotations. Otto Schirube. Ekon. sel'khoz. 3 no. 2 20-29 F '62.

GERMANY, EAST—RUSSIAN LANGUAGE—TEXTBOOKS

Teaching practice and the problems of compiling a new cycle of Russian language textbooks for general secondary technical schools of the German Democratic Republic. Klaus Guenther. Inostr. iaz. v shkole no. 2. 8-18 Mr-Ap '62.

GERMANY, EAST—SPORTS MEDICINE

Conference on sports medicine in the German Democratic Republic. F.K. Markusas. Teor. i prak. fiz. kul't 25 no. 1 62-63 Ap '62.

GERMANY, EAST—TRANSPORT WORKERS

Training transportation engineers in the German Democratic Republic. V. Lakhanin. Rech. transp. 21 no. 3. 55-56 Mr '62.

GERMANY, EAST—WOODWORKING MACHINERY

Woodworking machinery and equipment at the Leipzig 1962 Spring Fair. Der. prom. 11 no. 4 29 Ap '62

GERMANY, WEST—CHILDREN—EMPLOYMENT

Youth employment in the German Democratic Republic and the Federal Republic of Germany. A. Zhdanov. Okhr. truda i sots. strakh. 5 no. 4 46-47 Ap '62.

GERMANY, WEST—COKE OVENS

Coke drawing schedule from furnaces in the coking of swelling coal [from "Glueckauf," no. 11, 1959]. Biul. TSIICHM no. 10. 59 '60.

GERMANY, WEST—COLD STORAGE WAREHOUSES

Cold storage warehouse for frozen fish (from "Kaelte Technik," no. 7, 1961) V.L. Pokrovskii. Khol. tekh. 39 no. 2:69-70 Mr-Ap '62.

GERMANY, WEST—ECONOMIC CONDITIONS

Bonn octopus. L. Bezymenskyi. Ukraina no. 10:26-27 My '62.

"Marvels of the revanchist states. I. Miechina. Sov. voin. 44 no. 6:46-47 Mr '62.

GERMANY, WEST—ECONOMICS

Some features of the process of the production of the means of production in the Federal Republic of Germany after the war. L.P. Nochevkina. Och. po sovr. sov. i zarub. ekon. no. 2:361-390 '61.

GERMANY, WEST—EDUCATION

Notes on the state of education in the German Federal Republic (translated from the Czech) IUn. tekh. 6 no. 3. 28-29 Mr '62.

GERMANY, WEST—FOREIGN ECONOMIC RELATIONS

Role of West German monopolies in the utilization of African raw materials. P.I. Pol'shikov. Uch. zap. IMO no. 4:170-182 '61.

GERMANY, WEST—FOREIGN ECONOMIC RELATIONS—AFRICA

"Germany and Africa; an analysis of contemporary economic penetration" [in French] by Paul Gache, Robert Mercier. Reviewed by P.I. Pol'shikov. Nar. Azii i Afr. no. 2:210-213 '62.

GERMANY, WEST—FOREIGN RELATIONS

Germany (Democratic Republic 1949-) Ausschuss fur Deutsche Einheit. [Bonn is an enemy of the peoples of Asia and Africa, documents on the colonial policy of the Adenauer government. Translated from the German] Bonn - vrag narodov Azii i Afriki, dokumenty o kolonial'noi politike pravitel'stva Adenauera. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 137 p.
(CSt-H)

Realism is the most important feature of a successful foreign policy. P. Kirukov, V. Mulin. Mezhdunar. zhizn' 9 no. 5 15-25 My '62.

GERMANY, WEST—LEGISLATION

The West German Parliament tends to enact the extraordinary measures and laws. I.A. Iediakh, V.S. Murav'enko. Sov. gos. i pravo 32 no. 5. 120-125 My '62.

GERMANY, WEST—MILITARISM

West German periodical rehabilitates German militarism. V. Salov. Voen.-ist. zhur. 4 no. 1:105-109 Ja '62

GERMANY, WEST—MILITARY POLICY

Beshentsev, A.V. [Military ideology of the West German "revanchists."] Voennaia ideologiia zapadnogermanskikh revanshistov. Moskva, Voen. izd-vo M-va obor. SSSR, 1962. 141 p.

GERMANY, WEST—OPEN-HEARTH FURNACES—EQUIPMENT AND SUPPLIES

Burners for firing open-hearth furnaces with fuel oil and coke gas [from "Stahl und Eisen," no. 21, 1959]. E.A. Nitskevich. Biul. TSIICHM no. 10 52-54 '60

GERMANY, WEST—PRESS

The policy of revanche in the press. D. Umanskii. Sov. pech. no. 4. 60-61 Ap '62.

GERMANY, WEST—ROLLING MILLS

Continuous wire rod rolling mill [from "Stahl und Eisen," no. 26, 1959]. V.N. Shchitrin. Biul. TSIICHM no. 8 55 '60.

GERMANY, WEST—SOCIALIST PARTY

Ideological position and opportunistic policy of German social democracy in the field of education. T.F. IArkina. Sov. pedag. 26 no. 4. 117-120 Ap '62

GERMANY, WEST—TECHNICAL EDUCATION

Involuntary confessions. S. Rukhovich. Prof.-tekh. obr. 19 no. 3. 31 Mr '62.

GERMANY, WEST—WIRE DRAWING

Effect of the drawing temperature on the mechanical properties of steel wire [from "Stahl und Eisen," no. 20, 1959]. S.A. Morozov. Biul. TSIICHM no. 9 59-61 '60

GERMANY, WEST—WOODWORKING MACHINERY

Machine for simultaneous three edge veneering of boards (from "Timber Trades Journal," 237 no. 4419, 1961) Der. prom. 11 no. 4 29 Ap '62.

GERMICIDES see Disinfection and disinfectants; Fungicides

GERMINATION

Freezing increases the force of germination in seeds [with summaries in English, German, and French]. E.IA. Sumanov, IU.P. Laptev, IU.V. Kliukvina. Vest. sel'khoz. nauki 7 no. 1:68-70 Ja '62.

Optimal conditions of grain germination in the salt solutions of some trace elements. A.G. Bestuzhev, K.T. Bestuzheva. Uch. zap. Kab.-Balk. gos. un. no. 8:91-97 '60.

Variation in the protein fractions of corn seeds during germination [with summaries in English, German, and French]. M.E. Pronin, A.P. Pavlova. Vest. sel'khoz. nauki 7 no. 1:61-67 Ja '62.

GESTATION see Pregnancy

GIARDIASIS

(see also subdivision under Kamchatka)

Case of lambliasis in a 15-day-old child. E.I. Morzlink. Pediatriia no. 4:89 '62.

Comparative evaluation of various methods of treating lambliogenic cholecystitis in children. L.A. Nikytenko. Ped., akush. i gin. 23 no. 3:23-24 '61.

Influence of lambia on the course of dysentery in children. O.V. Andreieva. Ped., akush. i gin. 23 no. 3: 22-23 '61.

Intestinal lambliasis in children, of a nursery group and its treatment. H.M. Hushcha-Tebenchuk, S.IA. Harmiza. Ped., akush. i gin. 23 no. 3:24-25 '61.

Lambliasis in young children with dysentery. IE.A. Vashev. Ped., akush. i gin. 23 no. 3:29 '61.

Successive conditions in children formerly ill with lambliasis (vesicular and intestinal forms). O.I. Buchikova, N.I. Koval'. Ped., akush. i gin. 23 no. 3:25-27 '61.

GIBBERELLIN

Effect of feeds grown with the application of gibberellin on the animal organism. N.B. TSirel'son, P.S. Ionov. Veterinariia 37 no. 10:63-64 O '60.

Some facts on the importance of gibberellin for tobacco. V.I. Chirkovskii. Agrobiologiia no. 2:295-298 Mr-Ap '62.

GINZBURG, IL'IA ISAKOVICH
I I Ginzburg, on his 60th birthday Geol rud mestorozh no 2,119 Mr-Ap '62

GIRDERS see Beams and girders

GIRDERS, CONTINUOUS see Beams and girders, Continuous

GISSAR RANGE—BITUMEN—GEOLOGY
Bitumen content and distribution in the Upper Jurassic carbonate formation of the southwestern spurs of the Gissar Range M. Kh Arifdzhanov Uzb geol zhur. 6 no 1:48-56 '62

GISSAR RANGE—MINERALOGY
Mineralogy of the Kondara and Diamalik lead-fluorite deposits. S. K. Arbuzova. Trudy AN Tadzh SSR 104 no.1:65-92 '59.

GISSAR RANGE—PETROLOGY
Basic characteristics of the igneous activity and metallogeny in the Zeravshan-Gissar mountain area R. B. Baratov. Trudy AN Tadzh. SSR 104 no.1:3-21 '59

GISSAR RANGE—PHOSPHORUS
Phosphorus potential of Cretaceous sediments in the southwestern spurs of the Gissar Range M. Egamberdyev, Sh. Kh Amirkhanov. Uzb. geol zhur. 6 no. 1: 67-71 '62

GISSAR RANGE—ROCKS, IGNEOUS
Age of igneous complexes in the Obi-Safed and Ios Basins (southern slope of the Gissar Range). S. M. Babakhodzhaev. Trudy AN Tadzh. SSR 104 no.1:21-25 '59.

GISSAR VALLEY—ANTIQUITIES
Archaeological explorations in the Gissar Valley. E. V. Zeimal'. Trudy Inst. ist., arkheol i etn. AN Tadzh. SSR 27:121-136 '61.

GISSAR VALLEY—CUCUMBERS—VARIETIES
Pickling cucumber varieties for the Gissar Valley. Z. P Kozlova. Trudy Inst sad. AN Tadzh. SSR 2:159-161 '60

GISSAR VALLEY—ENCEPHALITIS
Encephalitis of unclear etiology in the Gissar Valley. L. G Rapoport, A. V IAsinskii. Zdrav. Tadzh 9 no 1:25-27 Ja-F '62

GISSAR VALLEY—EXCAVATIONS (ARCHAEOLOGY)
Archaeological explorations in the Gissar Valley. E. V. Zeimal'. Trudy Inst. ist., arkheol. i etn. AN Tadzh. SSR 27:121-136 '61.

GISSAR VALLEY—FRUIT CULTURE
Results of studies on the systems of soil treatment in fruit-bearing orchards. S. F Kuznetsov. Trudy Inst sad. AN Tadzh. SSR 2:21-23 '60.

GISSAR VALLEY—GRAPES—VARIETIES
Results of the study of grape varieties in the Gissar Valley. A. K. IUzbasheva. Trudy Inst. sad. AN Tadzh SSR 2.79-99 '60

GITALOV, ALEKSANDR VASIL'EVICH
A. Gitalov's progressive methods are at the basis of training. B. Uspenskii. Prof.-tekh. obr. 19 no. 3: 5-6 Mr '62.

GLANDS, DUCTLESS see Endocrine glands

GLASS
Adhesion of polymers to silicate glass. Part 1: Adhesion of various elastomers to silicate glass [with summary in English]. S. S. Voiutskii and others. Vysokom. soed. 4 no.2:286-293 F '62.
Adhesion of polymers to silicate glass. Part 2: Nature of adhesive bond rupture during the separation of elastomer - glass adhesive joints [with summary in English]. V. E. Gul' and others. Vysokom. soed. 4 no.2:294-298 F '62.
Glasses with high thermal resistance for chemical laboratory wares and apparatus. S. K. Dubrovo and others. Zhur prikl. khim. 35 no. 3,669-671 Mr '62.

GLASS—ELECTRIC PROPERTIES
Petrosian, V. P. [Electric properties of phosphate glasses] Elektricheskie svoistva fosfatnykh stekol. Erevan, Armianskoe gos. izd-vo, 1961. 137 p.

GLASS BLOWING AND WORKING—EQUIPMENT AND SUPPLIES
Instead of human lungs... A. Fidrovskii. Neva no. 1. 217-218 '62.

GLASS CONSTRUCTION—HYGIENIC ASPECTS
Hygienic evaluation of spectral translucency of various types of window panes [with summary in English]. N. M. Danisig. Gig. i san. 26 no. 8 23-27 Ag '61.

GLASS FIBERS
Barbarina, T. M., M. P. Sukhov, and N. A. Sheludinkov. [Fiber-glass building materials] Steklovoloknistye stroitel'nye materialy. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 107 p.
Chemical treatment of glass fibers with the silicon organic ether GVS-9. Z. I. Bronshtein, N. N. Kriuchkov, M. N. Krichevskaia. Plast. massy no. 4:27-32 '62.
Method of determining the adhesion of resins to the surface of glass fibers. G. V. Shirlaeva, G. D. Andreevskaia Plast. massy no. 5:43-46 '62.

GLASS MANUFACTURE
Studying the processes of bottle glass melting in electric glass furnaces with Lusavan perlites as base M. Manvelian and others. Prom Arm 5 no. 3:39-42 Mr '62

GLASS PAINTING AND STAINING
(see also subdivision under Lithuania)
Drawn stained glass. A. Tikhonov. Iskusstvo 25 no. 3: 53 '62.

GLASS REINFORCED PLASTICS
(see also subdivision under Great Britain)
Change in the strength and elastic properties of glass plastics following prolonged immersion in water. I. G. Romanenkov. Plast. massy no. 4 46-49 '62.
Design and manufacture of plastic deck houses for the motorship "Raketa." V. V. Isakov, A. P Kalmychkov. Sudostroenie 28 no 4:58-64 Ap '62.
Fiberglass plastic based on a polyester acrylate binder obtained by vacuum forming. L. I. Kravchenko, IA. D. Avrasin, B. F. Mil'iaev. Plast massy no 3:26-32 '62.
"Glass Plastics" (from the English) edited by F. Morgan Reviewed by L. N. Sodov. Khim. prom no. 3 226 My '62.
Heat-resistant glass textolites based on epoxide resins. B. A. Kiselev, A. M. Gribova. Plast. massy no. 5:15-18 '62

GLASS REINFORCED PLASTICS—TESTING
Estimating the tensile strength of anisotropic glass plastics. B. V. Shpakov. Plast. massy no 3:54-56 '62.
Strength of glass reinforced plastics. Strength and elasticity of glass reinforced plastics under the effect of static and impact loads. V. M. Shcherbakov, S. V. Mazur, L. N. Ginzburg. Plast. massy no. 4:3-13 '62.

GLASS SUBSTITUTES
Beam in a trap. V. Elagin. IUn nat. no. 3:29-30 Mr '62.

GLASSWARE
Let's touch it! Nikita Voronov Moskva 6 no 1 105-102 '62

GLAUCODOT see subdivision under West Siberian Plain

GLAUCOMA
Effect of various doses of tissue preparations on the regulation of intraocular pressure in glaucoma [with summary in English]. L. T. Kashintseva Oft zhur no. 2 93-100 '62
Method of mass prevention of glaucoma through active detection and dispensary care [with summary in English]. V. G. Brikman. Vest. oft. no. 2 57-61 '62.
Method of registering and measuring the blind spot. E. I. Ustinova. Vest. oft. no. 2:49-51 '62.

GLAZUNOV, ALEKSANDR KONSTANTINOVICH, 1865-1936
Fedorova, G. P. Glazunov. 2. Izd. Moskva, Gos. muzykal'noe izd-vo, 1961. 39 p. (Bibliotechka liubitelia muzyki)

GLIDING AND SOARING
Makarov, V., and V. Simonov. [Mechanized take off of gliders] Mekhanizirovannyi vzlet planera. Izd. 2., perer. i dop. Moskva, Izd-vo DOSAAF, 1961. 181 p.
Sapozhnikov, E. [Learn to fly a glider] Uchis' letat' na planere. Izd. 3., dop. i perer. Moskva, Izd-vo DOSAAF, 1961. 107 p.
[MICROFILM]

GLINKA, MIKHAIL IVANOVICH, 1804-1857
On the creative history of "Kamarinskaya." B. Shteinpress. Sov. muz. 26 no 4:63-65 Ap '62.

GLUCOPYRANOSE
Acylation of 2, 3, 4, 6-tetraacetyl-β-D-glucopyranose by aromatic acids. J. Degutis, D Dziuviene. Zhur ob. khim. 32 no. 4 1253-1254 Ap '62.

GLUCOPYRANOSYL CHLORIDE
Glucosidation of 2-O-trichloroacetyl-3,4,6-tetraacetyl-β-D-glucopyranozyl chlorides. A. IA. Khorlin and others. Dokl. AN SSSR 143 no. 5:1119-1122 Ap '62.

GLUCOSE
Absorptive functions of the digestive apparatus following partial resection of the small intestine. Report No. 1: Water and glucose absorption following resection of the upper or lower half of the small intestine [with summary in English]. L. A. Shchekun. Biul. eksp. biol. i med. 53 no. 4:81-84 Ap '62.

GLUING
Rapid gluing of bent chair parts in the electric field of high frequency currents. L. A. Ogurok. Der. prom. 11 no. 4:19-21 Ap '62.
Use of rubber adhesives in woodwork in foreign countries. A. S. Freidin. Der. prom. 11 no. 4:15-16 Ap '62.

GLUTAMIC ACID
Effect of glutamic acid on the amount of ammonia, glutamic acid, urea, sugar, lactic acid, and acetone bodies in the blood of pancreatectomized animals [with summary in English]. N. B. Kozlov. Vop. med. khim. 8 no. 2:204-210 Mr-Ap '62.

Electron diffraction study of the α-form of poly γ-methyl-L-glutamate [with summary in English] L. I. Tatarinova, B K Vainshtein Vysokom soed 4 no 2 261-269 F '62
Secretory function of the pancreas and intestines in folic acid deficiency caused by the administration of aminopterin [with summary in English] S. IA. Mikhlin, M. F. Nesterin. Pat. fiziol. i eksp. terap. 5 no. 6 26-30 N-D '61.

GLYCEROL
Nikitin, V. I. [Tertiary glycerols of the acetylenic and ethylenic series and their transformations] Tretichnye glitseriny atsetilenovogo i etilenovogo riadov i ikh khimicheskie prevrashcheniia. Dushanbe, Izd-vo Akad. nauk Tadzhikskoi SSR, 1961. 257 p. (Akademiia nauk Tadzhikskoi SSR, Dushanbe. Institut khimii. Trudy, vol. 4)
Synthesis of ethers of triatomic amino alcohols N M Grad and others Zhur prikl khim 35 no 4 866-869 Ap '62.

GLYCEROPHOSPHATASES
Activity of alkaline and acid glycerophosphatase in explants of human lymph nodes [with summary in English] N. M Chistova Arkh anat. gist i embr. 40 no 5-58-66 My '61

GLYCOGEN
Changes in the glycogen content of the liver and muscles in animals adapted and not adapted to cold [with summary in English] L. A. Guseva. Vop med. khim 8 no. 2:199-204 Mr-Ap '62.
Stimulation of restorative regeneration of the liver by subcutaneous glycogen administration [with summary in English]. B. P. Solopaev, G. A. Solov'eva, B. Luzika. Biul. eksp. biol. i med. 53 no 4:104-108 Ap '62.

GLYCOGENOSIS
Case of glycogenosis in a 6-year-old child. T. N. Kozlura, A. N. Liandres. Ped. akush i gin. 23 no 6,29-30 '61.

GLYCOLS
Chemistry of unsaturated ethers Part 9 Alkoxylation of furan Synthesis of dialdehydes and glycols S M Makin, N I. Telegina. Zhur. ob. khim 32 no 4 1104-1111 Ap '62.
Liquid - vapor equilibrium in the system ethylene glycol - water. S. K Ogorodnikov, V. B. Kogan, A I Morozova. Zhur. prikl khim. 35 no 3,685-687 Mr '62.

GLYCOPEPTIDES
Glycopeptides. Part 1 Synthesis of 6-O-glycyl-glucose and 6-O-(D, L-alanyl)-glucose N. K. Kochetkov and others. Zhur. ob. khim. 32 no 4 1159-1166 Ap '62

GLYCOSIDES
Glucosidation of 2-O-trichloroacetyl-3,4,6-tetraacetyl-β-D-glucopyranozyl chlorides. A. IA Khorlin and others. Dokl. AN SSSR 143 no. 5:1119-1122 Ap '62.

GLYCOSIDES, CARDIAC see Cardiac glycosides

GLYOXIME
Metal derivatives of biacetyl oxime hydrazone. A. V. Ablov, N. I. Belichuk Zhur neorg khim. 7 no. 4. 777-782 Ap '62

GLYPTICS
Manuscript of Lorenz Naitor in the Hermitage. N. Krasnova. Soob. Gos. Erm. no. 21:20-32 '61.

GOATS—PARASITES see Parasites—Goats

GOATS—PHYSIOLOGY
Study of lactation and some other physiological functions in goats during a modified water regime. I. Tulenbekov Izv AN Kazakh. SSR. Ser. med. i fiziol no 1 83-90 '61.

GOBIES
Testes of the bullhead Bubyr caucasicus Berg, during the spawning period U. A. Baimov. Uzb. biol. zhur. 6 no. 2:42-46 '62.

GODIN, IURII NIKOLAEVICH, 1911-1962
IUrii Nikolaevich Godin. Geol. nefti i gaza 6 no. 3:63 Mr '63.

GOGGLES, SAFETY see Safety goggles

GOITER
(see also subdivision under Bayangol; Gorno-Altai Autonomous Province, Transcarpathia)
Nitrogen metabolism in endemic goiter [with summary in English]. Klin. med. no. 8,109-114 '61.
Treatment of thyrotoxic forms of endemic goiter with radioactive iodine. K A Kashkin. Trudy Inst. klin i eksp. khir. AN Kazakh. SSR no 7:63-117 '61

GOITER—CONGRESSES
Problems in the prevention and treatment of endemic goiter at the International Conference in Sofia. R. K. Islambekov. Med. zhur. Uzb. no. 2,82-84 F '62.

GOLD
Recombination properties of gold in n-germanium. I. V. Karpova, V. G. Alekseeva, S. G. Kalashnikov. Fiz. tver tela 4 no. 3,634-641 '62

GOLD—ASSAYING
Assaying "liquid" gold. P. A. Levin. Zhur. prikl. khim. 35 no. 3:680-682 Mr '62.

GOLD—ELECTROMETALLURGY

Treatment of gold-bearing sulfide and lead concentrates by electric smelting. L. L. Kershanskii. TSvet. met. 35 no. 3 79-81 Mr '62

GOLD MINES AND MINING see subdivision under Kuznetsk Ala-Tau

GOLD ORES

(see also subdivision under Khingan Mountains; Kurama Range; Timan Ridge, Yakutia)

Minor intrusions, genesis, and regularities in the distribution of gold-ore deposits of the northeastern U.S.S.R. F. R. Apel'tsin Zakonom razm polezn iskop 2 125-460 '59

GOL'DSHTEIN, LEV MIKHAILOVICH, 1902-1962

In memory of Professor L. M. Gol'dshtein. Vest. rent. i rad 37 no. 2 82 Mr-Ap '62

GOLITSYN, BORIS BORISOVICH, 1862-1916

Founder of Russian seismology, the 100th birthday anniversary of academician B. B. Golitsyn. E. F. Savarenskii. Priroda 51 no. 4 92-94 Ap '62.

GOLODNAYA STEPPE—DRAINAGE

Building subsurface drainage in the Golodnaya Steppe. V. N. Berdianskii, E. Sh. Kuperman, A. N. Mirsagatov Gidr. i mel 14 no 3 16-22 Mr '62

Use of closed horizontal drainage in virgin lands of the Golodnaya Steppe. E. I. Grinev. Vop gidr no. 3, 157-169 '61

GOLODNAYA STEPPE—SURVEYS

Accuracy of relief surveys on virgin lands of the Golodnaya Steppe [with summaries in English, German, and French] IU. G. Estrakov Vest sel'khoz nauki 7 no 3:135-143 Mr '62

GOMEL'—CLOTHING INDUSTRY—AUDITING AND INSPECTION

Checking accounting data and the safety of funds. V. Zhurko. Bukhg uchet 18 no. 4:61-63 Ap '62.

GOMEL' PROVINCE—CORN (MAIZE)

A leading agricultural worker. V. Kostylev. Komsom zhizn' no. 8,20-21 Ap '62

GOMEL' PROVINCE—FORESTS AND FORESTRY

School forestry I. Krasutskii. IUn nat. no 4 6-7 Ap '62

GOMEL' PROVINCE—MAN, PREHISTORIC

The Podluzh'ye I upper Paleolithic site near the village of Berdyzh U. D. Budz'ko. Vestsi AN BSSR, Ser. hist. nav. no 1,90-103 '62

GONIOMETRY

Medintseva, L. L. [Modern methods and devices for measuring angular measures] Sovremennye metody i pribory dlia izmerenila uglovykh mer, Moskva, Gos. izd-vo standartov, 1960. 36 p. (Serila obzornykh monografii po izmeritel'noi tekhnike, no. 15) [MICROFILM]

GONORRHEA

Immediate and late results of antibiotic therapy for gonorrhea in women. B. S. Kaliner. Vest derm. i ven. no 6 48-51 '61

Incidence of gonorrhea and its current control in foreign countries. N. M. Turanov, K. G. IAryshева. Vest. derm. i ven. no. 6 38-48 '61.

GONZAGA, THOMAS ANTONIO, 1744-1807?

Anticolonial satire of Thomas Antonio Gonzaga and its role in the development of realism in Brazil. I. A. Tertertan. Izv. AN SSSR. Otd. lit. i iaz. 20 no. 4:336-338 Jl-Ag '61.

GOOSE see Geese

"M. Gorkii's journalistic work" by A. Ovcharenko. Reviewed by S. Kastorskii. Neva no. 3 194-196 '62.

M. Gor'kii's tales on "Okurov" A. I. Ovcharenko Izv AN SSSR Otd lit i iaz 20 no 2 111-121 Mr-Ap '61

Plot of M. Gor'kii's novel "Foma Gordeev" [with summary in English]. N. I. Nikulina Vest LGU 17 no 8 90-98 '62

GORKIY—GYNECOLOGY

Short essay on the development of the Department of Obstetrics and Gynecology of the S. M. Kirov Medical Institute in Gorkiy. G. K. Cherepakhin, N. P. Lebedev Sbor. nauch. rab. Kaf. akush i gin. GMI no. 1 7-18 '60

GORKIY—INFANTS (NEWBORN)—MORTALITY

Analysis of the infant disease and mortality rate among the newborn in the maternity homes of Gorkiy for the year 1956 M. S. Solov'eva Sbor nauch rab Kaf akush. i gin GMI no 1 128-130 '60

Newborn infant mortality from injuries during labor and ways to lower it M. S. Solov'eva Sbor nauch. rab Kaf akush i gin GMI no 1 131-132 '60.

GORKIY—OBSTETRICS

Short essay on the development of the Department of Obstetrics and Gynecology of the S. M. Kirov Medical Institute in Gorkiy G. K. Cherepakhin, N. P. Lebedev Sbor. nauch. rab. Kaf. akush i gin GMI no 1 7-18 '60.

GORKIY—SHIPYARDS

New work organization for the Sormovo shipbuilders. V. Safonov. Rech. transp 21 no. 4:29-30 Ap '62.

GORKIY—STILLBIRTH

Analysis of the incidence of stillbirth for eight years according to data from Maternity Home No 5 in Gorkiy. E. I. Kosenkova, Sbor. nauch rab. Kaf. akush i gin. GMI no 1 133-137 '60

GORKIY PROVINCE—STOCK AND STOCKBREEDING

Participation of veterinary specialists of Gorkiy Province in the struggle for increased output of livestock products. V. V. Elin, S. A. Vasil'ev. Veterinariia 37 no.10,18-21 O '60.

GORKIY PROVINCE—TUBERCULOSIS—DIAGNOSIS

Interdistrict specialized . V. Khrychev. Sots obesp. 23 no. 5:26-28 My '62.

GORNAYA SHORIYA—BORING

Basic parameters of the method of upraising with deep blastholes. K. A. Kristin. Izv vys ucheb zav., gor. zhur. no 3-7-14 '61

GORNAYA SHORIYA—FENESTELLIDAE, FOSSIL

New Late Carboniferous fenestella in the Usa Basin L. A. Viskova Paleont. zhur no. 4 88-92 '61

GORNAYA SHORIYA—KARST

Karst in the Tashtagol iron-ore deposit and its effect on mining operations. G. IU. Zeits. Gor. zhur. no 4:19-21 Ap '62.

GORNAYA SHORIYA—PHOSPHORITES

Use of metallometric and radiometric surveys in searching for phosphorites in Gornaya Shoriya. G. I. Spandershvili, F. I. Rubakhin. Razved i okh. nedr 28 no. 4:20-24 Ap '62.

GORNO-ALTAI AUTONOMOUS PROVINCE—GOITER

Trace elements in the external environment of the Gorno-Altay Autonomous Province in relation to endemic goiter. M. G. Kolomiitseva. Gig. i san. 27 no. 3:8-14 Mr '62.

GORYSHIN, GLEB ALEKSANDROVICH

"Thirty years old; stories" by Gleb Goryshin. Reviewed [illegible] 8 no. 1:207-208 '62.

[illegible]SLOVAKIA—SHOE INDUSTRY

[illegible]t eras. I. Geevskii. Sov prof-[illegible]a '62

[illegible]RACTICE see Office practice

[illegible]Y)

[illegible]ressure corrosive fluids. A. V. [illegible]n. no. 3:213-214 Mr '62.

[illegible](STUDENTS)

[illegible]ear in a well planned and success-[illegible] 4:89-90 Ap '62.

[illegible] of scion and rootstock in apple [illegible]in English, German, and French]. [illegible]sel'khoz. nauki 7 no. 1:125-129

[illegible] of the Guinea pepper. Noboru [illegible]ita no. 2,219-227 Mr-Ap '62.

[illegible]der Kirghizistan; Poland)

[illegible]ubkov. IUn. nat. no. 4:29-30 Ap

[illegible]rming. T. Koval'. Vop. ekon.

Obtaining winter forms of cereal crops from spring forms [with summaries in English, German, and French]. M. M. Kisliuk Vest sel'khoz nauki 7 no 3:51-58 Mr '62.

Shattering of grain crops and their threshing characteristics [with summaries in English, German, and French] G. A. Basnak'ian Vest sel'khoz nauki 7 no. 3,59-64 Mr '62

GRAIN—CLEANING

The VS-10 grain cleaning machine. N. G. Pogodin. Trakt. i sel'khozmash. 32 no. 4:38-39 Ap '62.

GRAIN—FERTILIZERS AND MANURES

New method for the application of fertilizers, grain in nutritive shell V. I. Riakhovskii Trudy AZVI 9 384 385 '56

GRAIN—GRADING

Aydus', P. B., and A. S. Sapozhnikova. [Determining the quality of grain, flour, and groats] Opredelenie kachestva zerna, muki i krupy. Moskva, Zagotizdat, 1961. 245 p.

Electric corona grain separation [with summaries in English, German, and French]. A. M. Basov, F. IA. Iznkov Vest. sel'khoz nauki 7 no. 1.107-113 Ja '62.

GRAIN—TRANSPORTATION see subdivision under Chelyabinsk Province; United States

GRAIN ELEVATORS

(see also subdivision under United States)

Dispatcher control of a grain elevator in the Tsiurupa grain milling combine A. Finkel'. Muk.-elev. prom. 28 no. 3:9-10 Mr '62.

In a brigade of communist labor. L. Luchkina. Muk.-elev. prom 28 no. 3:17 Mr '62.

"Organization and mechanization of grain elevator construction operations" by P. V. Kalmykov Reviewed by S. Shelkovnikov. Muk.-elev. prom. 28 no. 3:30-31 Mr '62

GRAIN HANDLING

New technological, industrial, and financial plan for grain milling, groats, and mixed fodder enterprises. D. Gavrichenkov. Muk.-elev. prom. 28 no. 3:3-4 Mr '62.

GRAIN HANDLING—ACCOUNTING

All grain receiving agencies should adopt the new orders on the compensation of overhead expenses. A. Rinkkov Muk.-elev. prom. 28 no. 3,15-16 Mr '62.

GRAIN-HANDLING MACHINERY

New machinery for grain processing and grain receiving enterprises. S. Tamarov. Muk.-elev prom. 28 no. 3: 27 Mr '62.

GRAIN MILLING

Dispatcher control of a grain elevator in the Tsiurupa grain milling combine A. Finkel'. Muk.-elev. prom. 28 no. 3:8-10 Mr '62.

Use of pneumatic transportation systems in a mixed fodder department. N. Luchkin. Muk.-elev. prom. 28 no. 3:11-12 Mr '62.

GRAIN MILLING—CONGRESSES

Brief news. Muk.-elev. prom. 28 no. 3:32 Mr '62.

GRAIN-MILLING MACHINERY

Calculation of the optimum number of grinding and polishing machines for the production of pearl barley. B. Gelkhenberg, D. Parygin. Muk.-elev. prom. 28 no. 3: 14-15 Mr '62.

GRAMMAR, COMPARATIVE AND GENERAL

Description in metalinguistic categories in historical grammar. IU. S. Stepanov. Vest. Mosk. un. Ser. 7, Filol. zhur. 17 no. 2,3-16 Mr-Ap '62.

GRANITE

(see also subdivision under Sayan Mountains; Tuva A. S. S. R.)

One example of the genetic association of rare-metal pegmatites with granites. V. N. Kotliar, O. A. Osetrov, S. S. Shcherbin. Izv. vys. ucheb. zav. geol. i razv. 5 no. 3: 62-80 Mr '62.

GRANULOMA BENIGNUM

Diagnostic value of Kveim's reaction in sarcoidosis. A. S. Raben, M. I. Samosud. Klin. med. no 2:145-151 '62.

GRAPE JUICE

More about the deaeration of grape juice. I. S. Kagan, A. F. Fan-IUng. Kons. i ov. prom. 17 no. 4:13-14 Ap '62.

GRAPES—DISEASES AND PESTS

Grape anthracnose caused by Gleosporium ampelophagum and measures for its control A. I. Plekhanova. Trudy Inst. sad AN Tadzh. SSR 2:101-105 '60.

Nikolaev, P. I. [Pests and diseases of grapes] Vrediteli i bolezni vinograda. Izd. 2., perer. Simferopol', Krymizdat, 1961. 146 p. (DA)

Popova, M. [Diseases and pests of fruits, berries, and grapes] Vrediteli i bolezni plodovo-iagodnykh kul'tur i vinograda. Izd. 2. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1961. 271 p. (Uchebniki i uchebnye posobiia dlia podgotovki sel'skokhoziaistvennykh kadrov massovoi kvalifikatsii) (DA)

GRAPES—IRRIGATION see subdivision under Crimea

GRAPES—VARIETIES
(see also subdivision under Gissar Valley)
Changes in the yield coefficient of grapevine in relation to variety, soil, and climatic conditions C. C. Constantinescu. Agrobiologia no 2 192-197 Mr-Ap '62

GRAPHIC ARTS—EXHIBITIONS see subdivision under Leningrad

GRAPHIC ARTS, UKRAINIAN
"Realistic lithography in Ukrainian art of the prerevolutionary period" by V. I. Kasian, IU Turchenko. Reviewed by Petro Kornilov. Mystetstvo 9 no 1 32-33 Ja-F '62.

GRAPHITE
Effect of low temperatures on the friction of graphite antifriction materials. L. A. Plutalova. Tren i Izn mash no.15-271-285 '62

Preparation of gastight graphite materials in thermal treatment in the atmosphere of hydrocarbons. P. A. Tesner, I. M. Timofeeva, Khim prom no 3,204-208 Mr '62.

Synthesis and functional analysis of oxygen complexes on a surface of freshly cleft graphite. IU. A. Zaritlianta and others Dokl AN SSSR 143 no 6,1358-1361 Ap '62.

GRAPHITE—PHYSIOLOGICAL EFFECT
Action of graphite dust with a low content of silicon dioxide under experimental conditions. V. I Fedorova. Arkh. pat. no 8;62-67 '61

GRAPHITE—SPECTRA
Vibrational spectrum of graphite. L. P. Semenov Fiz. tver tela 4 no. 3;780-780 '62

GRASSES
(see also subdivision under Barabinskaya Steppe)
Certain problems concerning the use of a self-propelled combine in harvesting the seeds of perennial grasses. P. G. Mukhin. Trudy MIMESkH 4 no. 2;122-135 '59.

Study of the process of crushing the seeds of perennial grasses. P. G. Mukhin. Trudy MIMESkH 4 no. 2;107-121 '59.

GRASSES—DISEASES AND PESTS
Bacterial diseases of annual forage grasses. L. T. Pastushenko. Mikrobiol. zhur. 23 no. 6 61-65 '61.

GRAVES see also subdivision 'Mounds' under Carpathian Mountain region, Ishfara region; Pamirs; Tajikistan, Vasil'yevka (Sinel'nikovo District)

GRAVIMETER (GEOPHYSICAL INSTRUMENT)—ELECTRIC EQUIPMENT
GAK-3M gravimeter with an electric thermostat. A. N. Timofeev, V. N. Rozenberg. Geofiz. razved. no.6;93-95 '61

GRAVITATION
Generation of flexural gravitational waves. V. N. Krasil'nikov. Akust zhur 8 no 1 133-136 '62.

Gravitational masses of K^0 and $\bar{K}^0$ mesons [with summary in English]. E. O Okonov, M. I. Podgoretskii, O. A Khrustalev Zhur. eksp. i teor fiz 42 no. 3;770-771 Mr '62.

Stationary boundaries of gravitational clusters. L. S. Arzhanykh Izv AN Uz SSR, Ser. fiz.-mat nauk 6 no 1;5-10 '62.

GRAVITY
(see also subdivision under West Siberian Plain)
Some features of the potential of attraction and its derivatives in connection with the interpretation of gravity measurements. A. A. IUn'kov. Geofiz. razved. no.6, 3-11 '61.

GRAVITY PROSPECTING
(see also subdivision under Caspian Sea; Siberia; Udmurt A. S. S. R.)
Accuracy of some transformations of gravity and magnetic fields in calculations on an electronic computer. V. I. Aronov. Geofiz. razved. no.6,22-41 '61.

Analytic extension of two-dimensional potential fields and its use for solving the inverse problem of magnetic and gravitational prospecting. Part 3. Inversion of Newton's integral transformation. Solution to the second problem. V. N. Strakhov. Izv. AN SSSR. Ser geofiz. no. 4 491-505 Ap '62.

Calculating $\frac{d^2g}{dz^2}$ as an example of the use of VK-type computers. K. F. Shreider. Geofiz. razved. no.6: 42-47 '61.

Determining the extra mass and depth of a two-dimensional body according to the gravitational anomaly. E. G. Balakh. Izv. AN SSSR. Ser geofiz no. 4:534-537 Ap '62.

Nomogram for determining the shape, dimensions, and excessive density of two-dimensional bodies of rectangular cross section based on a U_{xz} curve. V. I. Pavlovskii, E. B. Serebriakov. Geofiz. razved. no.6:12-18 '61.

One method of dividing an anomalous gravity field. F. S. Moiseenko. Vop. rud. geof no. 2:140-154 '61.

GREAT BRITAIN—ATOMIC WEAPONS
Leader protests against the arms race. K. Zilliacus. Mezhdunar. zhizn' 8 no. 5:111-113 My '62.

GREAT BRITAIN—COMMERCE
"The Statist", "Are we in danger of losing sense of proportion?" Vnesh. torg. 42 no. 5-37-39 '62

GREAT BRITAIN—DESCRIPTION AND TRAVEL
Silant'ev, V. I. [The fog is clearing, a collection of sketches] Fog rasseivaetsia; sbornik ocherkov. [Moskva] Molodaia gvardiia, 1961. 173 p. (MH)

GREAT BRITAIN—ECONOMIC POLICY
Common market and the difference of opinion in England. Konnie Zilliacus. Nov. vrem. 20 no. 23 18-19 Je '62.

GREAT BRITAIN—GLASS REINFORCED PLASTICS
New plastic materials. V. P. Smirnov. Plast massy no. 3;75 '62.

GREAT BRITAIN—INDUSTRIES
Basic structural movements and tendencies of the development of industries in England after the Second World War. V. M Kudrov Och. po sovr. sov. i zarub. ekon. no. 2-301-333 '61

GREAT BRITAIN—LABOR PARTY
Economic program of British Laborites N Oparin Vop. ekon. no 4:56-65 Ap '62

GREAT BRITAIN—MACHINE TOOLS
Device for drawing cutter profiles (from "Timber Trades Journal," 228 no 4430, 1961) Der prom 11 no 4 30 Ap '62

GREAT BRITAIN—OCCUPATIONAL DISEASES
Industrial accidents and occupational diseases among British workers N A. Kurakin. Gig. truda i prof zab 4 no 6 58-60 Je '60

GREAT BRITAIN—PHARMACY
Some problems of pharmaceutical services in England. E. N. IAnkhonen. Apt. delo 11 no. 1-70-01 Ja-F '62.

GREAT BRITAIN—RADAR IN NAVIGATION
Improvement of ship radar systems [from foreign practices] I Bukhanovskii, R Ivanov Mor. flot 22 no 2; 43-44 F '62

GREAT BRITAIN—RELATIONS (GENERAL) WITH RUSSIA
An English town and a city on the Volga. A. Dynkin. Sov. deput. trud. no. 4-105-108 Ap '62.

GREAT BRITAIN—ROAD MACHINERY
New British road-building machinery. V. A. Nikiforov. Stroi i dor mash. 7 no. 3;37-39 Mr '62

GREAT BRITAIN—SHIPBUILDING
British-built ships [from foreign publications]. Sudostroenie 28 no 3 68-70 Mr '62.

GREAT BRITAIN—SOCIAL PROBLEMS
"March of the homeless." IUn. tekh. 6 no. 3 23 Mr '62.

GREAT BRITAIN—TRAUMATISM
Industrial accidents and occupational diseases among British workers N A. Kurakin Gig truda i prof zab. 1 no 6 58-60 Je '60.

GREAT BRITAIN—YOUTH
Silant'ev, V. I. [The fog is clearing; a collection of sketches] Fog rasseivaetsia; sbornik ocherkov. [Moskva] Molodaia gvardiia, 1961. 173 p. (MH)

GREAT NORTHERN WAR, 1700-1721 see Northern War, 1700-1721

GREECE—SHIPBUILDING
Greek-built ships [from "Shipbuilding and Shipping Record," no. 6, 1961]. Sudostroenie 28 no. 3.71 Mr '62.

GREEK CHURCH see Orthodox Eastern Church

GREEK INSCRIPTIONS see Inscriptions, Greek

GREGORIUS NAZIANZENUS, Saint, Patriarch of Constantinople, 328-390
The universal Teacher is. Priest-Monk Ioann (Kotliarevskii). Zhur. Mosk. Patr. no. 2;53-60 F '62.

GREISEN see subdivision under El'ga Valley

GRIBOEDOV, ALEKSANDR SERGEEVICH, 1795-1829
"A. S. Griboedov's diplomatic career" by S. V. Shostakovich. Reviewed by G. M. Petrov Nar. Azii i Afr no. 2-245 '62.

A monument in honor of A. S. Griboedov in Tiflis. Natalia Sokolova Iskusstvo 25 no 3;29-31 '62.

Shaskol'skaia, T. P. [A. S. Griboedov's comedy "Wit works woe"] Komediia A. S. Griboedova "Gore ot uma," Leningrad, Ob-vo po rasprostraneniiu polit. i nauch. znanii RSFSR, 1961, 59 p. (Serita "V pomoshch' uchashchimsia starshikh klassov")

GRIEVANCE PROCEDURES
Editor's mail. Okhr. truda i sots. strakh. 5 no. 4.43 Ap '62.

In the Supreme Court of the R. S. F. S. R. Okhr. truda i sots. strakh. 5 no. 3;44 Mr '62.

Our consultation. Sov. profsoiuzy 18 no. 2;46-47 Ja '62.

GRIGNARD REAGENTS
Interaction of organomagnesium complexes with organosilicon esters. D N. Andreev, E. V. Kukhar'skaia. Zhur. ob khim 32 no 4 1352-1353 Ap '62

GRINDING AND POLISHING
Akademiia nauk SSSR. Komissiia po tekhnologii mashinostroeniia [High-production grinding] Vysokoproizvoditel'noe shlifovanie. Otv. red. E. N Maslov Moskva, Izd-vo Akad. nauk SSSR, 1962 246 p.

Correcting the initial error in grinding by the method of longitudinal machining I. E. Fragin. Vest. mash. 42 no. 4 69-73 Ap '62.

Device for automatic control of the dimensions of parts machined on surface-grinding machines P. I Rusin, L. A. IAroshevskii, I N Fedorin. Vest mash 42 no. 2,79-71 F '62

Korchak, S. N. [Improving the efficiency of grinding; selecting characteristics of grinding wheels and using isotopes for determining the greasing of the wheels] Povyshenie proizvoditel'nosti shlifovaniia; vybor kharakteristiki krugov i primenenie izotopov dlia opredeleniia ikh zasalivaemosti [Cheliabinsk] Cheliabinskoe knizhnoe izd-vo, 1961. 65 p (Obmen peredovym opytom. Mekhanicheskaia obrabotka metallov)

Machinability of steels subjected to grinding with abrasive wheels of various characteristics S. N. Korchak Vest. mash. 42 no 2 62-66 F '62

Machining of ferrites. K. D. Zakharov, D. M. Bal'zamov. Av. prom. 26 no. 9 21-25 '57.

Some regularities of thermal processes in the grinding area S. G. Redko. Vest. mash. 12 no. 2,57-62 F '62

GRINDING AND POLISHING—HYGIENIC ASPECTS
Hygienic evaluation of vibration and noise in some types of metal grinding and polishing work on stationary machines [with summary in English] V R. Usenko Gig truda i prof. zab no 1 3-6 '62

GRINDING MACHINES
(see also subdivision under Italy)
Machine for lapping flat parts. Av. prom. 26 no. 8-62 '57.

Machine for sharpening broaches. B L. Rusetskii. Av. prom. 26 no. 8 89-90 '57.

Unit for removing burr and for polishing. S. S. Itkin. Av. prom. 26 no. 8-36 '57.

GRINDING MACHINES—ATTACHMENTS
Attachment for grinding valve stems on circular grinding machines. V. Pal'm. Avt. transp. 40 no. 4 54 Ap '62.

GRINDING WHEELS
Device for the grinding of carpentry tools. A Pechkurenko Shkola i proizv. 6 no. 1 81-82 Ap '62

GRINDING WHEELS—TESTING
Korchak, S. N. [Improving the efficiency of grinding; selecting characteristics of grinding wheels and using isotopes for determining the greasing of the wheels] Povyshenie proizvoditel'nosti shlifovaniia; vybor kharakteristiki krugov i primenenie izotopov dlia opredeleniia ikh zasalivaemosti. [Cheliabinsk] Cheliabinskoe knizhnoe izd-vo, 1961 65 p. (Obmen peredovym opytom Mekhanicheskaia obrabotka metallov)

GRIPPE see Influenza

GROCERY TRADE see subdivision under Ostankino

GRODNO—SHOE INDUSTRY
She loves her work. L. Krasnianski. Rab. i stal. 38 no. 4-5-6 Ap '62.

GRODNO PROVINCE—SUGAR BEETS
Sweet roots. Ryhor Kaval'chuk. Belarus' 19 no. 4-19 Ap '62.

GROUND BEETLES
Ground beetles of the genera Calosoma Web. and Callisthenes Fisch.-W (Coleoptera, Carabidae) in the U. S. S. R. O. L. Kryzhanovskii Ent. oboz 4 no 1; 163-191 '62.

Review of the species of the genus Chlaenius Chaud. (Coleoptera, Carabidae) and their geographical distribution [with summary in English]. O. L. Kryzhanovskii. Zool. zhur. 41 no. 4:539-545 Ap '62.

GROUPS, THEORY OF
A class of simple topological groups. V. P. Platonov. Dokl. AN BSSR 6 no. 4 212-213 Ap '62.

Direct summands of total direct sums of torsion-free Abelian groups of rank 1. A. P Mishina. Sib mat zhur. 3 no. 2,244-249 Mr-Ap '62

Finite groups in which all certain recurrent π-true maximum subgroups are invariant. L. A. Shemetkov. Dokl. AN BSSR 6 no. 4 214-216 Ap '62.

Groups of infinitesimal transformations of ruled complexes. N. M Mas'kin. Sib. mat. zhur. 3 no. 2 229-243 Mr-Ap '62.

Inverse semigroups with a finite number of idempotents. L. S. Ponizovskii. Dokl. AN SSSR 143 no 6,1282-1285 Ap '62.

One criterion of π-solvability of πd-groups. V. P Gromyko Sib mat. zhur 3 no. 2-178-186 Mr-Ap '62.

GROUPS, THEORY OF (Continued)

Sylow bases of infinite groups A I Starostin, M I Eidinov Sib. mat zhur 3 no 2 273-279 Mi-Ap '62

Triangular automorphisms in groups. V G Zhitomirskii Sib mat zhur 3 no 2 187-191 Mi-Ap '62

GROWTH—CONGRESSES

Fifth Scientific Conference on Growth Morphology, Physiology and Biochemistry N. I. Gurova, I. M. Shvetsov. Arkh anat, gist i embr. 42 no. 1:121-124 Ja '62.

GROWTH—TABLES, ETC.

Growth tables for students and their practical use. E. I. Korenevskaia, D. S. Leshchinskii. Gig. i san 26 no 5: 105-109 My '61.

GROZNYY PROVINCE—STATE FARMS

Personal example is most important A. Belousov. Vest sel'khoz nauki 7 no 3 29-30 Mi '62

GRUSHEVOI, VLADIMIR GAVRILOVICH, 1892-

V G Grushevoi, on his 75th birthday Geol rud mestorozh. no 2 120 Mi-Ap '62

GRUZDEV, VASILII ALEKSEEVICH, 1902-

On the 60th birthday of an honored worker. Khim. volok. no 2:78 '62.

GUANTANAMO BAY REGION—NAVY YARDS AND NAVAL STATIONS, AMERICAN

Aggressors in Guantanamo V. Ivanov Marsh.-serzh. no. 3,29 Mr '62

GUARANTY see Warranty

GUATEMALA—COMMUNIST PARTY

We combine legal and illegal methods of struggle Mario Silva Johoma Part. zhizn' no. 9 65-69 My '62.

GUATEMALA—POLITICS AND GOVERNMENT

On the eve of a thunderstorm. Efrain Villatoro. Nov. vrem. 20 no. 23-31 Je '62.

GUBANOV, NIKOLAI MIKHAILOVICH

On the heels of our hero. E. Rafal'skaia. Zdorov'e 8 no. 3 25 Mr '62.

GUBER, ALEKSANDR ANDREEVICH, 1902-

Aleksandr Andreevich Guber, on his sixtieth birthday. Ner Azii i Afr no 2 251-255 '62

GUDAUTY REGION—GASTROPODA

Rapana bezoar L. in the Gudauty oyster beds. V. D. Chukchin. Trudy SBS 14:178-187 '61.

GUIDED MISSILES

Antitank rocket (as revealed by foreign press data) E. Kosyrev. Starsh.-serzh. no 4:24 Ap '62

Pilotless reconnaissance airplane. N. Listvin. Av i kosm. 44 no. 4:71-73 '62

Reliability of rocket systems and time needed for preparation M Kozlovskii, A Gamulin. Av i kosm. 44 no 4-74-77 '62

Rocket launching units are on duty. E. Smotritskii. Radio no. 4 10-11 Ap '62.

GUIDED MISSILES—BIBLIOGRAPHY see Bibliography—Guided missiles

GUINEA

Safirov, A. A. [Guinea Republic] Gvineiskaia Respublika. Moskva, Znanie, 1961. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 7, Mezhdunarodnaia, no. 19) (MH)

GULENKOV, SERGEI

"Volga glow" by Sergei Gulenkov. Reviewed by N. Stepanov. Moskva 6 no. 1 218 '62.

GUMS AND RESINS

Use of petroleum polymeric resin as a softener for rubber compounds. E. IA. Devirts, L. B. Tomakhin, A. S. Novikov. Kauch. i rez. 21 no. 4:8-10 Ap '62.

GUMS AND RESINS, SYNTHETIC see Resins, Synthetic

GUN FIRE CONTROL see Fire control (Gunnery)

GUNS see Firearms

GUNSHOT WOUNDS

Fatal poisoning by the products of a gunshot charge. N. A. Koval'chuchenko. Sud.-med. ekspert. 5 no. 1:55-56 Ja-Mr '62.

GUR'EV, VIKTOR PAVLOVICH, 1902-

On the occasion of the sixtieth birthday of V. P. Gur'ev and I. I. Kirillov. Energomashinostroenie 8 no. 4:26 Ap '62.

GUR'EV PROVINCE—STOCK AND STOCKBREEDING

Development of stockbreeding on the Mangyshlak Peninsula and in Ust-Urt [with summaries in English, German, and French]. M. S. Butanovskii. Vest sel'khoz. nauki 7 no. 3:105-113 Mr '62.

GUSEIN, MEKHTI, 1909-

It is most important to be in quest of what is new. Mekhti Gusein. Vop. lit. 5 no. 12:165-173 D '61.

GUSEV, KONSTANTIN

"Friendship town" by Konstantin Gusev. Reviewed by E. Davydov. Sov. pech. no. 2 49 F '62.

GUTSUNAEV, VADIM KONSTANTINOVICH, 1914-1942

Vadim Konstantinovich Gutsunaev; obituary. A. A. Sokolov and others. Torf. prom 39 no. 3:37 '62

GUTTERS

Efficient structural solutions of neck gutters of roofs of industrial buildings B I Truba Trudy NII prom zdan i soor no 5 25-45 '61

GYMNASTICS

(see also subdivision under Japan)

Effectiveness of using test exercises in developing the physical fitness of gymnasts. A. B. Plotkin Teor i prak. fiz kul't. 25 no. 3,36-40 Mr '62

Exercises on gymnastic apparatus. K. Azarov. Voen. vest. 41 no. 4,62-65 Ap '62.

Planning the work of a gymnastics department in institutes of higher learning. V I Khristinin. Teor. i prak fiz. kul't. 25 no. 3:32-36 Mr '62

Problems concerning the training of gymnasts. V. I Chukarin, V M Smolevskii. Teor. i prak. fiz kul't 25 no 2:18-22 F '62

Significance of rhythm in the instruction and training of gymnasts. A. M. Shlemin. Teor i prak fiz kul't 25 no. 2 36-40 F '62.

Use of motion pictures in gymnastic training. V. R. Pevzner Teor i prak fiz. kul't 25 no. 3:62-64 Mr '62.

GYMNASTICS, MEDICAL see Exercise therapy

GYNECOLOGY

(see also subdivision under Gorkiy; Kuznetsk)

Activities of the Commission on Problems in Obstetrics and gynecology at the Medical Council of the Ministry of Health of the R.S.F.S.R. O. V. Makeeva. Biul. Ucn med. sov. 3 no 2 17-19 Mi-Ap '62

Combined method of general and local anesthesia in gynecological laparotomies E Z. Rabinovich Sbor. nauch. rab Kaf. akush. i gin. GMI no 1 176-178 '60.

Expediency of using present types of anesthesia in gynecological operations. I. I. Bryshchenko and others. Ped., akush. i gin 23 no. 6:39-42 '61.

Indications for the surgical treatment of suppurative foci in the pelvis minor in women S. S Dobrotin, G. A. Kalashnikova Sbor nauch rab. Kaf. akush. i gin GMI no. 1 181-183 '60.

Late results of the operative treatment of a prolonged course of suppurative foci in the pelvis minor in women G A Kalashnikova Sbor nauch. rab. Kaf. akush. i gin GMI no. 1:186-190 '60

Role of an examination room in the prevention of gynecological diseases. A. I. Medvedeva. Zdrav. Ros. Feder. 6 no 4 26-28 Ap '62.

Shub, R. L. [Importance of vitamins and nitrofurans in obstetrics and gynecology] Znachenie vitaminov i nitrofuranov v akusherstve i ginekologii. Moskva, Medgiz, 1961. 157 p. (DNLM)

Use of a new preparation, staractic andaxin, in obstetrics and gynecology. M. S. Bakshcheiev and others. Ped., akush. i gin. 23 no. 6:35-39 '61.

GYNECOLOGY, OPERATIVE

[Multivolume manual on obstetrics and gynecology] Mnogotomnoe rukovodstvo po akusherstvu i ginekologii. Moskva, Gos. izd-vo med. lit-ry. Vol. 6. 1961. 679 p. (DNLM)

GYPSY MOTH see subdivision under Siberia, Eastern

GYROCOMPASS

Characteristics and technical requirements of new type mine surveyor gyrocompasses. I. B. Zhitomirskii Vop. prikl. gir. no. 2:111-122 '60.

Reducibility of the equations of motion of a gyrocompass and the two-gyroscope vertical. V. F. Liashenko Prik. mat. i mekh 26 no. 2:369-372 Mr-Ap '62

Two-action gyrocompass with electromagnetic correction and aperiodic reduction to the meridian. P. P. Koptiaev Vop. prikl. gir. no. 2:123-146 '60.

GYROSCOPE

Motion of a gyroscope suspended on ball bearings in gimbals. S. A. Kharlamov. Prik. mat. i mekh 26 no. 2: 365-369 Mr-Ap '62.

Nonsymmetrical self-oscillations of a gyrostabilizer. S. A. Chernikov. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no. 2:104-114 Mr-Ap '62.

Reducibility of the equations of motion of a gyrocompass and the two-gyroscope vertical V. F. Liashenko. Prik. mat. i mekh. 26 no. 2:369-372 Mr-Ap '62

Side drift of gyroscopes caused by the friction of cardan ball bearings and the reduction of this drift by the use of rotating bearings. E. M. Rodionov. Trudy MATI no. 52: 33-44 '61.

GYROSCOPE—TESTING

Evaluating the deviation of a balanced gyroscope in gymbals. V. V. Krementulo, L. M. Murkhashov. Inzh zhur. 1 no. 4:3-5 '61.

GYROSCOPIC INSTRUMENTS

Aerodynamic resistance of gyromotors and ways to reduce it A G. Bessonov Vop. prikl gir. no. 2:38-52 '60

Applying the theory of matrices to the analysis of the geometry of gyroscopic devices. S. S. Rivkin Vop prikl. gir no 2:5-15 '60

Gyroscopic system as servomechanism for the external force moment G. A. Tatsitov. Vop prikl gir no 2, 61-77 '60

Investigating ball bearings used in gyroscopic devices I. M Sivokonenko, K N IAvlenskii Vop prikl gir. no 2:16-24 '60.

Machining parts of gyroscopic instruments. Av. prom. 26 no. 8 97-101 Ag '57.

Nonlinear tracking system in gyroscopic instruments and one of the approximate methods for their calculations V M. Erofeev. Vop prikl gir no 2.78-83 '60

Physical reasons for the systematic drift of a gyroscope as a result of its nutation oscillations A. V. Pavlov Vop. prikl gir. no 2:94-103 '60

Proof of motion instability by the inertia of symmetrically balanced gyroscopes in gimbals. V. N. Drozdovich Vop. prikl gir. no. 2,104-110 '60

Quality of the filling of floating gyroscopic instruments with a special liquid Z. F. Urazaev, V. IU. Shishmarev. Trudy MATI no. 52 52-60 '61.

Second approximate solution for the system of equations describing the movements of a gyroscope in gimbals. I. V. Pavlov. Vop prikl gir no 2:53-60 '60

GYROSCOPIC INSTRUMENTS—VIBRATION

Vibrations of a gyroscopic instrument dependent on dynamic unbalance N. V. Butenin, G. G. Kovnlevskii Vop prikl gir. no 2:25-37 '60

HAARLEM, NETHERLANDS—OLD CATHOLIC CHURCH—CONGRESSES

Old-Catholic Congress in Haarlem. Zhur. Mosk. Patr. no. 2 43-44 F '62.

HADDOCK

Feeding haddock on benthos [with summary in English] R. IA TSeeb. Zool zhur 41 no 1:110-115 Ja '62.

HAFNIUM

Extraction of zirconium and hafnium from solutions containing nitric and hydrochloric acids. A. M. Reznik and others Dokl AN SSSR 143 no 6:1413-1416 Ap '62.

Genetic types and classification of zirconium and hafnium deposits. I. P. Tikhonenkov. Trudy Inst. min., geokhim i kristallokhim. red. elem. no 2:211-229 '59.

Komissarova, L. N., ed. [Hafnium] Gafnii; sbornik statei. Moskva, Izd-vo inostr. lit-ry, 1962. 384 p.

HAIR

Method for sterilizing hair used in the surgical treatment of eye wounds. N. A. Rogova. Trudy Semipal. med. inst. 2:344-348 '59.

HAIR—CARE AND HYGIENE

Kartamyshev, A. I., and V. A. Arnol'd [Cosmetic care of the skin] Kosmeticheskii ukhod za kozhei. 2. ispr. i dop. izd. Kiev, Gos. med. izd-vo USSR, 1961. 188 p. (DNLM)

HALIDES

Hydration of complex halogen acids of metals during extraction with ethers. A. F. Morgunov, V. V. Fomin. Zhur neorg khim. 7 no. 4:948-950 Ap '62.

HALL EFFECT

Multiplication of electrical signals using three-electrode Hall transducers. M. E. Mazurov, I. N. Pudnikov. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no. 2:148-155 Mr-Ap '62.

Ovcharenko, N. I. [Galvanomagnetic effects in semiconductors and their technological uses] Gal'vanomagnitnye iavleniia v poluprovodnikakh i ikh tekhnicheskoe ispol'zovanie. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 99 p.

HALOGENS

Quantitative chemical analysis with the use of paper Determination of microquantities of iodine, bromine, and chlorine ions in a mixture and in natural waters [with summary in English] N. Ganchev, K. Kaev. Zhur. anal khim. 17 no 2:166-169 Mr-Ap '62.

HAMBURG—RAILROADS—SIGNALING

Automation of the centralized traffic control on the railroads of Greater Hamburg. S. I. Afanas'eva. Avtom., telem. i sviaz' 6 no. 5:46 My '62.

HAMSTERS see subdivision under Altai Territory

HAND

Development of hand movements in the child during the first half year of life [with summary in English]. M. IU. Kistiakovskaia. Vop. psikhol. 8 no. 1:89-100 Ja-F '62.

HAND—CANCER

Cancer of the skin of the dorsum manus with bone involvement. A. G. Kudrin, L. V. Naumova. Vest. rent. i rad. 37 no. 2:68-69 Mr-Ap '62.

HAND—DISEASES
Preventing diseases of the hands in typists G. N. Mazumino. Zdorov'e 8 no 2:30-31 F '62.

HAND—WOUNDS AND INJURIES
Usol'tseva, E. V. [Injuries to the hand] Povrezhdeniia kisti. [Leningrad] Medgiz, 1961 269 p. (Bibliioteka prakticheskogo vracha)
(DNLM)

HANDICAPPED
Invalidism as a consequence of certain occupational diseases. S. I. Ashbel', E. M. Volovik, E. S Shirinaeva. Gig. truda i prof. zab. 4 no. 4:55-56 Ap '60.

HANSEN'S DISEASE see Leprosy

HARBORS
Systematic development of the fleet and harbors is the basis for the high efficiency of river transportation. A. Bakhin. Rech. transp. 21 no 3:10-12 Mr '62.

HARBORS—EQUIPMENT AND SUPPLIES
Problem requiring an immediate solution Mor. flot 22 no 2:17 F '62
Striving for over-all mechanization. G. Gidal', V. Puzyr'. Mor flot 22 no. 2:17 F '62.

HARD FACING
Hard facing of iron mill rolls I. N. Aksenov. Avtom. svar. 15 no 5:64-67 My '62

HARD FACING—EQUIPMENT AND SUPPLIES
Mechanized hard facing of streetcar rail heads. Iu. A. Ilzvenko, Iu. P. Gumeniuk. Avtom. svar. 15 no 5: 68-72 My '62

HARDBOARD
(see also subdivision under Poland)
Use of hemp tow for the manufacture of particle boards. I. IA. Bentsianova and others Der prom 11 no. 4 9-10 Ap '62

HARDNESS
Apparatus for microhardness testing of roller-type high cylindrical machine parts M. M. Khrushchov, E. S Berkovich Zav. lab. 28 no 3 300-302 '62
Hardness resettes and shape of dents on cubic crystals. Iu. S. Boiarskaia, M. I. Val'kovskaia. Kristallografiia 7 no. 2:261-265 Mr-Ap '62.

HARDNESS—MEASUREMENT
Objective measurement of rubber hardness. B. M. Gorelik, A. V. Ratner, Kauch. i rez 21 no. 3:41-43 Mr '62.

HARDNESS—TESTING
Determining metal hardness. P. U. Markov. Izm. tekh no. 4 10-11 Ap '62.

HARMONIC ANALYSIS
Spectral analysis of a pack of impulses. M. I. Finkel'shtein. Radiotekhnika 17 no. 4:18-22 Ap '62.

HARMONY
On national characteristics of harmony. R Stepanian. Sov muz. 26 no. 4 43-47 Ap '62.
Rudol'f, L. [Exercises in piano harmony] Uprazhnenila po garmonii za fortep'iano. Baku, Azerbaidzhanskoe gos muzykal'noe izd-vo, 1961. 50 p.
Studying modern harmony. V. Berkov. Sov. muz. 26 no. 1:39-43 Ap '62

HARP MUSIC see subdivision under Moscow

HARVESTING MACHINERY
Concerning high-speed flax pulling machinery. A. P. Vasil'ev. Trudy MIMESKH 4 no. 2:181-197 '59.
Experimental systems for chopping straw on grain combines. A. I. Ruanov. Trakt i sel'khozmash 32 no. 4: 31-34 Ap '62.
A flax binder. P. A. Storta. Trudy MIMESKH 4 no. 2: 83-106 '59.
Future development of machinery for harvesting grain crops. M. A. Pustygin. Trakt. i sel'khozmash. 32 no. 4:21-24 Ap '62.
Health measures in work on mounted reapers. L. A Shul'zhenko, N. M. Skvortsov. Gig. truda i prof zab no 4:47 '62.
Self-propelling SSh-45 chassis with mounted harvesting machinery. I. S. Churbanov. Trakt. i sel'khozmash. 32 no. 1:24-27 Ap '62
The ZhBA-3,5 reaper. Iu. N. Polevoi. Mashinostroenie no. 2:103-104 Mr-Ap '62.

HARVESTING MACHINERY—MAINTENANCE AND REPAIR
Consolidated time norms on dismantling and assembling of the SK-2,6 combine. Tekh. v sel'khoz. 22 no. 4:75-76 Ap '62.

HAVANA—EXHIBITIONS
For our Cuban friends. V. Gal'tsev. Vnesh. torg. 42 no. 4:30-31 '62.

HAVANA—JOURNALISM—CONGRESSES
Important stage. Jiri Meisner. Sov. pech. no. 4:51-53 Ap '62.

HAYDN, JOSEPH, 1732-1809
On the creative history of "Kamarinskaya." B. Shteinpress Sov muz 26 no. 4 63-65 Ap '62.

HAYES, IRA HAMILTON
Two Americans. Nikolai Panov. Moskva 5 no. 9:188-198 '61

HEAD—SURGERY
Planning dermatoplastic operations on the head [with summary in English] N I IArchuk Vest. khir. no 4 75-78 '62.

HEALTH EDUCATION
Some forms of health education in a polyclinic D. IA Berman Zdrav. Ros. Feder. 6 no. 4 20-22 Ap '62.

HEALTH OF WORKERS see Industrial hygiene

HEALTH RESORTS, WATERING PLACES, ETC.
(see also subdivision under Crimea; Lvov Province; Naftalan; Sakhalin)
Let's make better use of the treasuries of our health resorts. Okh. truda i sots. strakh. 5 no. 3 6-7 Ap '62.
Let's put in order the selection of patients for health resorts. S. Slutskii Okhr truda i sots. strakh. 5 no. 4 26 Ap '62.
Misuses in granting assignments to sanatoriums and rest homes Okhr truda i sots strakh. 5 no 4 45 Ap '62
Need for sanatorium and health resort treatment of patients with diseases of the cardiovascular system in the Kazakh S.S.R A. G Adyrkhaev, Izv. AN Kazakh. SSR. Ser. med. i fiziol. no 2, 36-40 '61.
Treatment of children with the sequelae of poliomyelitis at sanatoriums. V. IA. Negresku. Zdravookhranenie 5 no. 1:50-51 Ja-F '62

HEARING
Evaluation of the functional significance of electrical responses of the auditory system. Responses to short sounds (clicks) and the determination of the initial moment of the stimulus action. G. V. Gershuni. Fiziol. zhur. 48 no. 3:241-250 Mr '62.

HEART
Method for the phase study of cardiac excitability. A. N. Medelianovskii, O. I. Kiselev. Pat. fiziol. i eksp terap. 6 no 6:68-72 N-D '61.
Reaction of the heart to intrathoracic surgery during intubation anesthesia (from electrocardioscopic data). L. S. Zhuravskii. Grud. khir. no. 2:61-65 '62
Some histochemical changes in the myocardium in compensatory hyperfunction of the heart [with summary in English]. F Z. Meerson, N. T. Raikhlin Arkh. pat. no. 7:36-41 '61.
Specificity of a stimulating substance (factor X) isolated under the influence of acetylcholine from a cardiac ventricle of a frog from the right auricle of a rabbit. T. G. Putintseva. Fiziol. zhur. 48 no. 3:321-323 Mr '62.
Study of the oculocardiac reflex at various moments of static muscular effort [with summary in English]. V. I. Dedlovskaia. Biul. eksp. biol. i med. 53 no. 4:21-25 Ap '62.

HEART—ABNORMITIES AND DEFORMITIES
Clinical aspects, diagnosis and surgical treatment of cor triloculare by biventriculare. S. A. Kolesnikov and others. Grud. khir. no. 2:16-20 '62.
Glomus anastomoses of the lung in some congenital heart defects. S. I. Levina. Arkh. pat. no. 8:18-24 '61

HEART—ABSCESS
Abscesses of the heart. A. G. Kniavanov. Kardiologiia 2 no. 2:86-87 Mr-Ap '62.

HEART—CANCER
Clinical aspects of metastases of a cancerous tumor into the myocardium. N. A. Gavrikov, G. M. Avanesov. Klin. med. no. 8:137-139 '61.

HEART—DISEASES
Basic principles for managing pregnancy, labor and the puerperal period in women with a heart disease. N. F. Rybkina. Sbor. nauch. rab. Kaf. akush. i gin. GMI no 1: 36-41 '60.
Changes in the perivascular connective tissue of the hypertrophied heart. G. A. Borlov Arkh pat. no. 7: 41-46 '61.
Diagnostic significance of ballistocardiographic changes in disorder of the heart rhythm and conductivity in mitral stenosis and arteriosclerotic cardiosclerosis [with summary in English]. Iu. D. Safonov. Kardiologiia 2 no. 2:38-44 Mr-Ap '62.
Effect of corchorozide in experimental myocarditis. R. I. Klueva. Farm. i toks. 25 no. 1:62-66 Ja-F '62.
Electrocardiographic equivalents of "systolic" and "diastolic" stress on the ventricles in acquired vitia cordis [with summary in English]. P. L. Gladyshev. Kardiologiia 2 no. 2:24-29 Mr-Ap '62.
Endocardial fibroelastosis with cardiac hypertrophy in children [with summary in English]. N. N. Malinovskii, A. B. Shekhter. Kardiologiia 2 no. 2:80-85 Mr-Ap '62.
Hirudin therapy in myocardium infarcts and stenocardia. F. I. Aleshina. Vop pat. krovi i krovoobr. no. 5:131-138 '59.
Thirteenth scientific session of the Institute of Therapeutics of the Academy of Medical Sciences of the U.S.S.R. G. E. Perchikova. Kardiologiia 2 no. 2:91-94 Mr-Ap '62.

HEART—DISEASES—HOMEOPATHIC TREATMENT
Mukhin, S. A. [Some problems in the homeopathic treatment of heart diseases, a new approach in the treatment of myocardial infarcts] O nekotorykh voprosakh gomeopaticheskogo lecheniia bolezni serdtsa; o novom podkhode v lechenii infarktov miokarda. Pod red. V. I. Rybaka. Moskva, Mosk. nauchno-med. ob-vo vrachei-gomeopatov, 1961 41 p.
(DNLM)

HEART—EXAMINATION
Puncture of the heart in acquired mitral and aortic defects (survey of the literature) D. M. TSireshkin. Grud. khir no. 2:111-116 '62

HEART—HYPERTROPHY AND DILATATION
Endocardial fibroelastosis with cardiac hypertrophy in children [with summary in English]. N. N. Malinovskii, A. B. Shekhter. Kardiologiia 2 no. 2:80-85 Mr-Ap '62.

HEART—INFARCTION
(see also subdivision under Abkhazia)
Blood protein fractions in myocardial infarction [with summary in English] B. A. Onikienko. Sov med. 25 no 1:34-36 Ja '62.
Diagnostic value of the reaction with Lugol's solution in myocardial infarct M. M. Eselev. Sov med 25 no 1: 130-132 Ja '62
Histochemical study of succinic and malic acid dehydrogenases and DPN and TPN diaphorases in experimental myocardial infarction [with summary in English]. E. F. Lushnikov. Biul. eksp. biol i med. 53 no. 4:115-120 Ap '62.
Mukhin, S. A. [Some problems in the homeopathic treatment of heart diseases, a new approach in the treatment of myocardial infarcts] O nekotorykh voprosakh gomeopaticheskogo lecheniia bolezni serdtsa; o novom podkhode v lechenii infarktov miokarda. Pod red. V. I. Rybaka. Moskva, Mosk. nauchno-med. ob-vo vrachei-gomeopatov, 1961. 41 p.
(DNLM)
New aspects of the pathogenesis and etiology of infarcts or necroses of the myocardium. P. D. Gorizontov. Arkh. pat. no. 8, 3-18 '61
Oxygen insufficiency in myocardial infarct [with summary in English]. V. S. Larina. Kardiologiia 2 no. 2 71-77 Mr-Ap '62.
Pathogenesis of acute coronary insufficiency and myocardial infarct in hypertension [with summary in English]. L. L. Likht. Arkh pat. no. 4:32-38 '62.
Vascularization of infarcts and scars of the myocardium. V. D. Arutiunov, A. V. Smol'iannikov Arkh pat no 7 26-28 '61.
Vinokurov, D. A. [Exercise therapy in myocardial infarction] Lechebnaia fizkul'tura pri infarkte miokarda. [Leningrad] Medgiz, 1962. 35 p. (Nauchno-populiarnaia meditsinskaia literatura)
(DNLM)

HEART—INNERVATION
Changes in the thrombocyte composition of the blood following denervation of the cardioaortic zone. N. K. Shelkovskaia. Trudy Semipal. med inst. 2:113-117 '59.
Sources of sensitive innervation of peripheral and vegetative nerve elements of the heart. S. P. Semenov. Dokl. AN SSSR 143 no. 5:1202-1204 Ap '62.

HEART—MUSCLE
Distribution of ribonucleic acid in the case of stimulated regeneration of the myocardium and inhibited scar growth. L. V. Akhabadze. Dokl. AN SSSR 143 no. 5 1198-1201 Ap '62.
Effect of camphor on the coronary blood flow and on some indices of carbohydrate and oxygen metabolism of the myocardium [with summary in English]. A. S. Saratikov, T. F. Marina, G. E. Barkovskaia. Farm. i toks. 25 no. 1:77-81 Ja-F '62.

HEART—RUPTURE
Rupture of the heart and dissecting aneurysm of the aorta simulating acute abdomen. A. P. Podonenko. Nov. khir. arkh. no. 3:76-77 '62.

HEART—SOUNDS
Evaluation of the change in the diastolic murmur during the late periods following mitral commissurotomy [with summary in English]. E. N. Dembovskaia. Kardiologiia 2 no. 2 52-57 Mr-Ap '62.
Spectrophonocardiography and its clinical significance. L. N. Goncharova. Kardiologiia 2 no. 2:68-73 Mr-Ap '62.

HEART—SURGERY
Method for mechanical suturing of a vascular transplant to the wall of the heart with an apparatus designed by the authors. M. G. Sirotkina, S. V. Rynciskii, IU. I. Morozov. Grud. khir. no. 2:94-100 '62.
Partial and total bronchospasm in operations on the heart and lungs. N. F. Mistakopulo. Grud. khir no. 2:66-72 '62.

HEART—TUMORS

Congenital aneurysms of the cerebral vessels, angiomatosis of the myocardium and multiple angiomyxoma of the heart [with summary in English] V. V. Bodmaeva Arkh. pat. no. 7 71-75 '61

HEART—WOUNDS AND INJURIES

Subacute septic endocarditis in connection with a blind shell splinter injury of the heart [with summary in English]. V. L. Bialik Arkh. pat. no. 8,68-71 '61

HEART BEAT

Size of an electrical systole in hypertension A. S. Ismagulov, N. N. Kuchin Izv. AN Kazakh SSR. Ser. med. i fiziol. no. 1 100-104 '61

HEART-ROT see Wood-decaying fungi

HEAT

M. V. Lomonosov's works on the structure of matter and the theory of heat. A. S. Predvoditelev. Vop. ist. est. i tekh. no. 12,93-100 '62.

HEAT—CONDUCTION

Equations for calculating the heat conductivity of plane, cylindrical and spherical twin differential calorimeters. IA. M. Naziev. Izv. AN Azerb. SSR. Ser. fiz.-mat. i tekh. nauk no. 6:137-147 '61.

Heat conduction in a two-layered plate under boundary conditions of the third kind [with summary in English]. G. I. Pavlovskii. Inzh.-fiz. zhur. 5 no. 4 86-89 Ap '62.

Heat conductivity of multilayer heat-producing elements [with summary in English]. A. S. Trofimov. Inzh.-fiz. zhur. 5 no. 4 93-96 Ap '62

Temperature field in a crystallizing ingot of cylindrical form [with summary in English]. D. E. Temkin. Inzh.-fiz. zhur. 5 no. 4 89-92 Ap '62.

Theory of exciton heat conductivity. V. L. Korolfuk Fiz. tver. tela 4 no. 3,790-800 '62

HEAT—CONVECTION

Magnetohydrodynamic problems concerning steady convection in vertical channels. S. A. Regirer PMTF no. 1 15-19 Ja-F '62

Method of generalizing the experimental data on convection heat transfer under conditions of gas flow through the inlet section of the tube. S. I. Kosterin, A. I. Leont'ev, V. K. Fedorov Teploenergetika 9 no. 5;70-72 My '62.

Stability of a rotating fluid, heated from below, relative to periodical perturbations. M. I. Shliomis Prik. mat. i mekh. 26 no. 2,267-272 Mr-Ap '62

HEAT—PHYSIOLOGICAL EFFECT

Effect of high air temperature on the appearance of decompression sickness [with summary in English] V. A. Aver'ianov. Pat. fiziol. i eksp. terap. 5 no. 6;36-39 N-D '61.

Heat resistance of muscles and cholinesterase and its correspondence to the temperature conditions of the specific environment of certain fishes A. A. Kusakina. TSitologiia 4 no. 1;68-71 Ja-F '62.

Heat resistance of the epidermal cells of albino, green, and etiolated sunflower plants. L. D. Avilova TSitologiia 1 no. 1,73-76 Ja-F '62

Influence of high atmospheric temperature on adrenal function in rats of various ages [with summary in English]. F. M. Shleifman. Gig. i san. 26 no. 5, 14-18 My '61.

Neural regulation of the blood under conditions of high temperature. A. IU. IUnusov, Z. T. Tursunov. Med. zhur. Uzb. no. 2,53-59 '62.

Studying the heat resistance of isolated muscles of "large" and "small" Trachinus trachinus from the Black Sea. IU. P. Altukhov. TSitologiia 4 no. 1;72-73

compact checkered clusters
V. M. Legkii. Teploenergе-

volumetric radiation of a
Izv. vys. uchеb. zav., energ.

the flame and temperature
walls of multiple-register
turbines fired with liquid
rgomashinostroenie 8

ansfer during melting of a
lten metal through a porous
h summary in English]. I. A.
th.-fiz. zhur. 5 no. 4;10-

g heating of hardening con-
glish]. K. E. Gorinfnov, E. S.
5 no. 4;47-51 Ap '62.

or tube bundles. IU. L.
0 no. 5;17-19 My '62.

of a moving heat-transfer
nglish]. K. N. Chakalev.
-30 Ap '62.

r by acoustic streams in the
P. N. Kubanskii. Akust.

om gas to the wall of the
l locomotive engine. G. B.
21 no. 2,7-11 '62.

Nonstationary thermal and electric fields in a circular insulating cylinder with infinite length S. T. Bondarenko Elektroenergetika no. 5 141-150 '62

Reducing heat transfer by means of positive pressure gradients. M. P. Teterin. Inzh. zhur. 1 no. 1;110-149 '61

Stefan's problem for the case of linear initial temperature distribution in a semiinfinite medium. D. V. Redozubov Izv. AN SSSR. Ser. geofiz. no. 4 558-561 Ap '62.

Study of heat transfer in the flow of a rarefied gas in a plane supersonic nozzle [with summary in English]. S. I. Kosterin, IU. A. Koshmarov, IU. V. Osipov. Inzh.-fiz. zhur. 5 no. 4 3-9 Ap '62.

Temperature fields of the composite rotor of a radial centripetal gas turbine operating under steady conditions L. A. Kozdoba Energomashinostroenie 8 no. 4,41-43,45 Ap '62

Valuable monograph on the theory of heat and mass transfer. A. V. Lykov. Inzh.-fiz. zhur. 5 no. 4;141-142 Ap '62.

HEAT ACCUMULATORS see Heat regenerators

HEAT CAPACITY

True heat capacity of magnesium ferrite. L. A. Reznitskii, G. K. Khomiakov Vest. Mosk. un. Ser. 2 Khim. 17 no. 2 50-52 Mr-Ap '62

HEAT CONTENT see Enthalpy

HEAT ENGINEERING

"General heat engineering" by S. L. Chekhol'skii Izv. vys. uchеb. zav., energ. 5 no. 3 101-102 Mr '62.

Nomogram for load distribution between thermal power plants and hydrostations. N. A. Mamed-Zade Izv. AN Azerb. SSR. Ser. fiz.-mat. i tekh. nauk no. 6;103-106 '61.

HEAT ENGINEERING—EQUIPMENT AND SUPPLIES

Instruments and regulators for heat and chemical engineering V. O. Arutiunov and others Priborostroenie no. 1;30-31 Ap '62.

HEAT EXCHANGERS

Cooling system for hydrogenated oils. I. I. Okrugov. Masl.-zhir. prom. 28 no. 3 11-12 Mr '62.

Method of analizing the effect of the degree of nonuniform distribution of flow velocities on the efficiency of the performance of industrial apparatus. I. E. Idel'chik. Teploenergetika 9 no. 5;73-78 My '62

Precise direct graphic analysis method for the design of heat exchangers N. B. Kadirov, Sh. M. Ismail-Zade. Izv. AN Azerb. SSR. Ser. fiz.-mat. i tekh. nauk no. 6: 107-117 '61

HEAT EXCHANGERS—CORROSION

Control of local corrosion and scale formation in water-cooling systems of by-product coke industries. N. G. Chen Zhur. prikl. khim. 35 no. 3 576-582 Mr '62

HEAT IN ANIMALS see Estrus

HEAT OF COMBUSTION

Determination of the heats of combustion of nitrogen- and oxygen-containing organic compounds P. G. Maslov. Khim. prom. no. 3,185-190 Mr '62.

HEAT OF REACTION

Heats of reaction of oxides and hydroxides of the zinc subgroup elements with solutions of perchloric and hydrohalide acids V. A. Latysheva, L. R. Gorianina Zhur. neorg. khim. 7 no. 4;732-738 Ap '62.

HEAT OF VAPORIZATION

Calculating the latent heat of vaporization of alkali metals [with summary in English]. E. E. Shpil'rain, E. I. Asinovskii. Inzh.-fiz. zhur. 5 no. 4;35-40 Ap '62.

HEAT REGENERATORS

Protection of regenerators using evaporative heating surfaces. A. I. Berezhinskii Prom. energ. 17 no. 4: 18-21 Ap '62.

HEAT-RESISTANT ALLOYS

Kuz'min, S. I. [Melting and casting heat-resistant alloys and steel in vacuum] Plavka i lit'e zharoprochnykh splavov i stalei v vakuume. Moskva, Mashgiz, 1962, 125 p.

HEAT-RESISTANT ALLOYS—METALLOGRAPHY

Constitutional diagrams as a basis for the theory of the heat-resistance of alloys. V. K. Grigorovich. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 2:92-97 Mr-Ap '62.

HEAT TREATING FURNACES see Furnaces, Heat-treating

HEATING

Investigating the effectiveness of reflector apparatus for convective heating surfaces. M. S. Ivanova. Izv. vys. uchеb. zav.; stroi. i arkhit. 5 no. 1;162-174 '62.

Machinery for heating and drying buildings erected in winter B. Pful' Stroi. i arkhit. Mosk. 10 no. 11;30-33 N '61.

Testing the systems of ground heating beneath one-story cold storage plants. I. F. Dushin. Khol. tekh. 39 no. 2; 23-26 Mr-Ap '62.

HEATING FROM CENTRAL STATIONS

Determining the optimum value of the heating coefficient for heat and electric power plants. A. I. Kornetchev, V. M. Bykov. Teploenergetika 9 no. 5,26-31 My '62.

HEATING FROM CENTRAL STATIONS—EQUIPMENT AND SUPPLIES

Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Technical specifications for the production and inspection of work on the assembly and installation of heat distribution networks (SN 108-60)] Tekhnicheskie usloviia na proizvodstvo i priemku rabot po ustroistvu teplovykh setei (SN 108-60). Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 52 p.

Selecting the industrial structural elements for the underground laying of district heating thermal networks S. E. Zakharenko. Energ. stroi. no. 25;41-44 '61.

HEDGEHOGS

Mysterious song. P. Stefarov IUn. nat. no. 3 36-39 Mr '62

HEDGEHOGS—DISEASES AND PESTS see subdivision under Samarkand District

HEIDEGGER, MARTIN, 1889-

Martin Heidegger's philosophy of history and the history of bourgeois romanticism [with summary in English, pp. 184-185]. P. P. Gaidenko. Vop. filos. 16 no. 4; 73-84 '62.

HELEIDAE

Bloodsucking midges (Diptera, Heleidae) in the Kura Lowland Sh. M. Dzhafarov Ent. obozr. 41 no. 1;208-219 '62.

HELICOPTERS

Use of the MI-1 helicopter in making a gravity survey in combination with barometric leveling. B. P. Borodin, R. G. Kurinin, N. S. Fridliand. Geofiz. razved. no. 6: 52-59 '61.

Using helicopters for two milligal gravity surveys in the tundra. B. D. Poletaev. Geofiz. razved. no. 6:47-52 '61

HELICOPTERS—MAINTENANCE AND REPAIR

Testing a hydraulic system Stanish.-servh. no. 1:34 Ja '62.

HELIUM

Calculation of the diamagnetic susceptibility of helium [with summary in English] R. IA. Damburg, E. M. Iolin. Zhur. eksp. i teor. fiz. 42 no. 3 820 Mr '62.

Vibrational relaxation of I_2 in a I_2 - He mixture. A. I. Osipov. Dokl. AN SSSR 143 no. 6;1302-1304 Ap '62.

HELIUM—SPECTRA

Twilight fluorescence spectra of helium emission λ 10830 Å N. I. Fedorova Izv. AN SSSR. Ser. geofiz. no. 4 538-547 Ap '62.

HEMATOMA

Perirenal hematoma. N. S. Dan'kovskii. Urologiia no. 6;55-56 '61.

HEMATOPHILIA see Hemophilia

HEMINGWAY, ERNEST, 1898-1961

"Hemingway" [in English] by Stewart Sanderson. Reviewed by I. Finkel'shtein. Vop. lit. 5 no. 12;219-221 D '61.

HEMOGLOBIN

Some changes in the hematological indices in subjects living and working at high altitudes above sea level. P. K. Stoianov. Probl. gemat. i perel. krovi no. 4;9-11 '62.

HEMOPHILIA

Case of peritonitis as a consequence of hemophilia following herniotomy with simultaneous appendectomy. A. G. Voronin. Pediatriia no. 4;86-87 '62.

Functional changes under the influence of antiallergic actions in hemorrhagic syndromes in children. K. I. Bychkova, S. IA. Vaisberg. Ped., akush. i gin. 23 no. 6;31 '61.

HEMOPOIETIC SYSTEM

Changes in the peripheral blood in children with metallic osteosynthesis. N. P. Lapshina. Probl. gemat. i perel. krovi no. 4;49-50 '62.

Comparative study of the action of polyglucin of various molecular weights on the course of acute radiation sickness. Report No. 1; Effect of polyglucin infussions on some blood coagulation indices and hemopoietic processes. A. A. Bagdasarov and others. Probl. gemat. i perel. krovi no. 4;3-8 '62.

Development of foci of extramedullary hematopoiesis at the sites of tissue injury in leukemias [with summary in English]. A. K. Ageev. Arkh. pat. no. 8;50-55 '61.

Disorder of the reactions of the hemopoietic system in the late period following irradiation [with summary in English]. N. I. Shmeleva. Biul. eksp. biol. i med. 53 no. 4;38-42 Ap '62.

Effect of sulfanilamides on the blood system. A. N. Chigirinskii, A. A. Krylov. Probl. gemat. i perel. krovi no. 4;47-49 '62.

HEMOPOIETIC SYSTEM (Continued)

State of hematopoiesis in Urov (Kaschin-Beck) disease in light of the theory of adaptation V. P. Skipetrov. Probl gemat i perel krovi no. 4:25-29 '62

Study of erythropoiesis in thermal burns using radioactive indicators. V. S. Barkala, G. I. Kozinets. Probl gemat. i perel. krovi no 4:51-52 '62.

HEMORRHAGE

Fatal bleeding from a diaphragmatic vessel following puncture N. A. Mitineva Sud.-med. ekspert 5 no. 1. 51-53 Ja-Mr '62.

Hemoptysis in chronic fibrocavernous pulmonary tuberculosis at Ber-Chogur Sanatorium I. P. Zinov'ev. Zdrav. Kazakh 22 no 2:41-43 '62.

Pathogenesis of increased coagulability of the blood in acute hemorrhage. D. M. Zubairov. Vop. med. khim. 8 no 3:177-181 My-Je '62.

Quantity of blood loss in resection of the lungs. B. S. Vikhriev, M. IA. Matusevich Grud. khir. no 2:43-45 '62.

HEMORRHAGE, UTERINE

Clinical diagnosis of hemorrhagic metropathy. S. S. Dobrotin Sbor. nauch. rab. Kaf. akush. i gin. GMI no 1 141-146 '60

Diagnosis and clinical aspects of hemorrhagic metropathy. I. B. Dykman Sbor. nauch. rab. Kaf. akush. i gin. GMI no 2.94-98 '60

Hemorrhages in labor and their control, second scientific and practical conference of midwives and gynecologists of the Ukrainian S. S. R. M. S. Bukshtelev, I. V. Tymoshenko, Ped., akush. i gin. 23 no 6,61, 3 of cover '61.

Pathogenesis of hemorrhages in some forms of fibromyomas. S. S. Dobrotin, A. F. Dobrotina, Sbor. nauch. rab. Kaf. akush. i gin. GMI no 1:147-150 '60.

Prevention of hypotonic and atonic hemorrhage in the placental and early postpartum periods E. A. Ilkina Sbor. nauch. rab. Kaf. akush. i gin. GMI no. 1,94-96 '60.

HEMORRHAGIC FEVER

Pathogenesis of infectious hemorrhagic nephrosonephritis in an experimental lesion of the hypothalamus-hypophysial region N. A. Ivkova, G. V. Kestner Arkh. pat. no 4:13-18 '62

HEMORRHOIDS

Aleksandrov, G. N. [Pathogenesis and conservative treatment of hemorrhoids] Patogenez i konservativnoe lechenie gemorroia. Tashkent, Gos. med. izd-vo M-va zdravookhraneniia UzSSR, 1961. 82 p. (Biblioteka prakticheskogo vracha) (DNLM)

HEMOSPORIDIA

(see also subdivision under Chechen-Ingush A. S. S. R.; Kuybyshevsk District)

Use of berenil in Hemosporidia infections of cattle. P. A. Lavrent'ev. Veterinariia 37 no. 8:21-22 Ag '60.

HEMP

Large-scale tests of the effectiveness of dry bacterial starters in high-temperature retting of hemp at a hemp factory I. P. Krutikova, A. E. Zhatova Trudy Vses. inst. sel'khoz. mikrobiol no. 14:303-308 '58.

Use of hemp tow for the manufacture of particle boards I. IA. Bentsianova and others. Der. prom. 11 no. 4: 9-10 Ap '62

HEMP BRELDING

Hybridizing southern dioecious hemp with monoecious hemp V. A. Novitnykh Agrobiologiia no 2 205-212 Mr-Ap '62

HEPATIC VEINS—DISEASES

Diagnosis and treatment of endophlebitis obliterans hepatica (Chiari's disease) [with summary in English]. V. P. Shishkin, B. S. Sarkisov, Khirurgiia 37 no.7.90-93 Jl '61

HEPATITIS, INFECTIOUS

Antistreptolysin O titer in Botkin's disease [with summary in English]. O. I. Voronkova and others. Klin. med. no. 2:63-65 '62.

Diagnostic and prognostic significance of serum aminopherases in Botkin's disease. R. P. Naumova. Klin. med. no. 2:58-62 '62.

Dynamics of serum protein fractions in acute hepatitis. O. D. Grigor'eva. Vop. pat. krovi i krovoobr. no. 5: 69-85 '60.

Edematous-ascitic form of Botkin's disease in a 3 1/2-year-old boy. H. V. Knizhevych. Ped., akush. i gin. 23 no. 6:20-21 '61.

Effect of hormonal preparations on the excretion of thiamine, riboflavin, N1-methylnicotinamide, and 4-pyridoxic acid with urine in patients with infectious hepatitis [with summary in English]. P. D. Starshov. Vop. med. khim. 8 no. 2:169-176 Mr-Ap '62.

Evaluation of some diagnostic tests in Botkin's disease [with summary in English]. V. A. Anan'ev. Zhur. mikrobiol., epid. i immun. 33 no. 3:36-39 Mr '62.

Hormone therapy in Botkin's disease [with summary in English]. M. E. Semendiaeva, O. N. Mukhina. Sov. med. 25 no 1:21-31 Ja '62.

Metabolism of trace elements in Botkin's disease [with summary in English]. L. S. Bondarev. Klin. med. no. 2:66-71 '62.

Present status of the problem of the etiology, pathogenesis and clinical aspects of chronic hepatitis and post-hepatitis cirrhosis N. G. Lupu, V. Runcan Grud med no. 2:3-13 '62

Study of the activity of some enzymes in liver punctates in Botkin's disease [with summary in English] I. D. Mansurova Sov. med 25 no 1,31-34 Ja '62.

HEPTACHLOR

Chromatographic analysis of heptachlor [with summary in English] S. M. Shogam and others Zhur. anal. khim 17 no 2 260-262 Mr-Ap '62.

HEPTANOIC ACID

New method of synthesizing esters of γ-ketocarboxylic acids. Part 1 Catalytic transformation of esters of β-furylacrylic acids to esters of γ-ketoenanthic acids I. F. Bel'skii and others. Zhur. ob. khim 32 no 4 1030-1034 Ap '62

HERBICIDES

Chemical control of gramineous weeds G. A. Chesalin Agrobiologiia no 2 273-287 Mr-Ap '62

Use of herbicides and arboricides A. Lashkov. Vest. sel'khoz. nauki 7 no 1 156-158 Ja '62.

HERBS—THERAPEUTIC USE see Materia medica, Vegetable

HEREDITY

"Heredity and variability in cultivated plants" by I. I. Glushchenko. Reviewed by S. I. Isaev Vest. sel'khoz. nauki 7 no 2 154-156 F '62

Ionizing radiation and heredity, genetic theory of radiation disease. B. L. Astaurov. Priroda 51 no. 1:55-61 Ap '62.

HERMAPHRODITISM

Hermaphroditism in the sargo Diplodus annularis (L.). L. P. Salekhova. Trudy SBS 14 257-268 '61

HERNIA

Case of peritonitis as a consequence of hemophilia following herniotomy with simultaneous appendectomy. A. G. Voronin. Pediatriia no. 4 86-87 '62.

Case of a loop of an adenocarcinomous small intestine strangulated in a hernial sac. V. F. Gershenzon. Sov. zdrav. Kir. no. 1 57 Ja-F '62.

Congenital right inguinoscrotal hernia with unusual ectopy of the left testicle I. I. Kouchcher Urologiia no. 2 65 '62.

Periparietal strangulation of the stomach in a parietal peritoneal pocket. B. I. Uchitel'. Zdrav. Kazakh 22 no. 2,71-72 '62

Strangulated hernias and ways for lowering the incidence of death from them. N. I. Gladyrevskii, G. F. Boshlinga. Zdravookhranenie 5 no. 1:9-11 Ja-F '62.

HEROES

Pavlov calls on his fellow-soldiers. I. Shilingovskii. Sov. voin 44 no 8 19 Ap '62

"People of immortal deeds, studies devoted to double holders of the title, 'Hero of the Soviet Union'" Reviewed by E. Vostokov. Sov. voin 44 no 6 18 Mr '62

HERTZEN, ALEKSANDR IVANOVICH, 1812-1870

A. I. Hertzen and D. I. Mendeleev. K. M. Borisov. Vop. filos. 16 no. 4 63-69 '62.

A. I. Hertzen on aesthetic training A. L. Kalantar Sov. pedag. 26 no 4 93-99 Ap '62.

A. I. Hertzen's steps toward cooperation with the First International [with summary in English, p 194] B. V. Oksiuzov. Vop. filos. 16 no. 1 47-55 '62

A. I. Hertzen's unknown letters. A. T. Pavlov. Vop. filos. 16 no. 4,70-72 '62.

"Aleksandr Hertzen, life and work" by N. Pirumova Reviewed by V. Khitrov Prep. ist. v shkole 17 no 3. 110-111 My-Je '62

"Collected works in thirty volumes" by A. I. Hertzen. Reviewed by E. I. Prokhorov. Izv. AN SSSR. Otd. lit. i iaz. 21 no. 2:157-162 Mr-Ap '62.

D. I. Mendeleev's brief notes on Hertzen's fifth and sixth "Letters on the study of nature." T. S. Kudriavtseva. Vop. filos. 16 no. 4:61-62 '62.

Enlightener, revolutionary, and democrat. N Tarakanov Bibliotekar' no 4:17-20 Ap '62

A fighter for the liberation of peoples. A. Sidarenka. Belarus' 10 no 4:21 Ap '62

From the last works of A. I. Hertzen: Hertzen against colonialism B. I. Esin Vest. Mosk. un. Ser. 7 Filol., zhur. 17 no. 3:88-90 My-Je '62

Giant of human thought. V. E. Prozhogin. Rad. shk. 40 no. 4,14-19 Ap '62.

Great Russian revolutionary and democrat. A. Kriuchkova. Komm. Mold. 7 no. 3,21-26 Mr '62.

Great thinker and champion of the happiness of people; the 150th birthday anniversary of A. I. Hertzen. Priroda 51 no. 4:90-92 Ap '62.

Hertzen as the editor of the free Russian press abroad. G. E. Pevzner knigonosh. i mat 5,222-243 '61.

Hertzen on education S. S. Fliaks. Rad. shk. 40 no. 4: 20-21 Ap '62.

Hertzen's "From the other shore." L. IA. Ginzburg. Izv. AN SSSR. Otd. lit. i iaz. 21 no. 2:112-124 Mr-Ap '62.

Letter of A. I. Hertzen. Semia i shkola 17 no 4 30-31 Ap '62

A letter written by A. I. Hertzen to S. L. Levitskii S. D. Lishchiner. Izv. AN SSSR Otd. lit i iaz 21 no 2 140-142 Mr-Ap '62

A life of arduous work. V Kavalenka Rab i sial 38 no. 4 21 Ap '62.

Outstanding figure in Russian journalism. IA Petrenko Sov. pech no. 4 50 Ap '62.

Pedagogical ideas of A. I Hertzen N K Goncharov Sov pedag. 26 no 4 73-92 Ap '62

Pedagogical views of A. I Hertzen Sh. Ganelin Nar obr no 4 94-96 Ap '62.

"Pedagogical views of A. I. Hertzen" by F. O Zelliger-Rubinshtein Reviewed by N Tikh. Nar. obr no 4 113-114 Ap '62.

Philosopher, atheist, and revolutionary. T. Savel'ieva Volov. ateist no 4:60-62 Ap '62

Sociopolitical significance of A. I Hertzen's philosophical studies [with summary in English, p 194]. P. IA. Miroshnichenko. Vop. filos. 16 no. 4:56-60 '62.

Studying the legacy of Hertzen. V. Putintsev. Vop. lit. 6 no. 4,80-89 Ap '62.

Volodin, A. I. [In quest for revolutionary theory, the life and work of A. I. Hertzen] V poiskakh revoliutsionnoi teorii (A. I. Gertsen). Moskva, Gos. izd-vo polit. lit-ry, 1962. 111 p.

HERTZEN, ALEKSANDR NIKOLAEVICH, 1812-1870—BIBLIOGRAPHY see Bibliography—Hertzen, Aleksandr Nikolaevich, 1812-1870

HETEROCYCLIC COMPOUNDS

Polynuclear heterocyclic compounds Part 5 Addition of dimedon imines to 2-aryliden-1, 3-indandiones. F. I. Stankevich, G. J. Vanags Zhur. ob. khim 32 no 4 1146-1151 Ap '62

Polynuclear heterocyclic compounds Part 6 4, 6-Diphenyl-2, 3(CO)-benzoylpyridine G. J. Vanags, E. IA. Ozola. Zhur. ob. khim 32 no 4 1151-1159 Ap '62

Surface-leveling action of some nitrogen-containing heterocyclic compounds N. T. Kudriavtsev and others. Zhur. prikl. khim 35 no 4 777-781 Ap '62

Three-membered aromatic heterocycles. Part 1. Theoretical premises M. E. Vol'pin, D. N. Kursanov Zhur. ob. khim. 32 no. 4 1137-1141 Ap '62

Three-membered aromatic heterocycles. Part 2. Preparation. Carbenes and carbenoids. M. E. Vol'pin, D. N. Kursanov. Zhur. ob. khim 32 no 4 1142-1146 Ap '62.

HETEROSIS

Breeding sorghum with regard to heterosis [with summary in English, German, and French]. B. N. Malinovskii. Vest. sel'khoz. nauki 7 no. 2:55-63 F '62.

HEUSINGER, ADOLF

Documents accuse Heusinger is a criminal V. G. Lebedev. Vop. arkh. 7 no 1,81-85 Ja-Mr '62

HEXAMETHYLENETETRAMINE

Urotropine in rabbit coccidiosis. V. A. Petrov. Veterinariia 37 no. 10:44-45 O '60.

Simultaneous effect of urotropine and potassium iodide on the rate of steel dissolution in sulfuric acid S. A. Balezin, I. M. Zhuravlev Uch. zap. MGPI no 146 199-201 '60

HEXANEDIAMINE

Vulcanization of type "Viton" fluorine copolymers with hexamethylenediamine. A. S. Novikov and others. Kauch. i rez. 21 no. 3,1-10 Mr '62.

HEXOBARBITAL

Clinical evaluation of the method of anesthesia in labor using hexenal A. N. Kozolev. Sbor. nauch. rab. Kaf. akush. i gin. GMI no. 1:92-93 '60.

HIBERNATION, ARTIFICIAL see Artificial hibernation

HIDALGO, BARTOLOMÉ, 1788-1822

Traditions of folk literature in Latin-American poetry during the struggle for independence. L. S. Ospovat Izv. AN SSSR. Otd. lit. i iaz. 20 no 2 161-165 Mr-Ap '61

HIDAS, ANTAL, 1899-

Courage and kindness of a poet Lev Kopelev Moskva 5 no. 9:210-212 '61.

HIDES AND SKINS

Control of the liming process. G. R. Vol'pert. Kozh.-obuv. prom. 4 no. 2:27-31 F '62.

HIGH-FREQUENCY HEATING see Induction heating

HIGH MOLECULAR WEIGHT COMPOUNDS see Macromolecular compounds

HIGH TEMPERATURE METALLURGY see Metals at high temperatures

HIGHER EDUCATION see Education, Higher

HIGHWAY RESEARCH
Investigation of the pressures in nonrigid road surfacing during the passage of an automobile wheel. A. K. Birulia, D. V. Ermakovich. Izv. vys. ucheb. zav., stroi. i arkhit. 5 no. 1 97-102 '62.

HIGHWAY TRANSPORT WORKERS see subdivision under Bashkiria; Nizhniy Lomov

HIKMET, NAZIM, 1902-
"Nazim Hikmet, a sketch of his life and works" by Radii Fish. Reviewed by G Gorbatkina Vop. lit 5 no 12: 224-225 D '61

HILBERT SPACE
Asymptotic method for solving certain differential equations with oscillating coefficients. IU L. Daletskii. Dokl. AN SSSR 143 no. 5 1026-1029 Ap '62.

Kim Che-pyong. [Successive approximations for a certain type of singular integral equation in L^2 space] Posledovatel'nye priblizheniia dlia odnogo vida sistem singuliarnykh integral'nykh uravnenii v L^2 Dubna, Ob"edinennyi in-t iadernykh issledovanii, 1962 10 p.

Mixed type equations in three-dimensional regions. A. V. Bitsadze. Dokl. AN SSSR 143 no. 5 1017-1019 Ap '62.

HIMMLER, HEINRICH, 1900-1945
Himmler's last action in the sphere of foreign policy. V. Chernov. Voen.-ist. zhur. 4 no. 4:124-126 Ap '62

HIP—EXCISION see Excision of hip

HIP JOINT—SURGERY
Some aspects of the surgical anatomy of the capsule of the coxofemoral joint N. Kh Umedzhanov Zdrav Tadzh. 9 no 1 49-53 Ja-F '62.

HIP JOINT—TUBERCULOSIS
Immediate results of the surgical treatment of tuberculous coxitis. E. D. Koshchug. Zdravookhranenie 5 no 1 35-36 Ja-F '62.

HIP JOINT—WOUNDS AND INJURIES
Case of false intraneural aneurysm of the arteria comitans nervi ischiadici. A. M. Artem'ev. Nov. khir. arkh. no. 3:75-76 '62.

HIRUDIN
Hirudin therapy in myocardium infarcts and stenocardia. F. I. Aleshina. Vop. pat. krovi i krovoobr. no 5 131-138 '59.

HISTOCHEMISTRY
Aldehyde-fuchsin and its use in histochemistry [with summary in English] L I Falin. Arkh. anat., gist. i embr. 40 no 5 85-88 My '61.

HISTOLOGY
Method of histotopographic examination of the organs of the gastrointestinal tract [with summary in English]. N. N. Goldburt. Arkh. pat no. 4:78-79 '62.

HISTOLOGY—CONGRESSES
Orenburg histology conference devoted to the memory of Professor F. M. Lazarenko, member-correspondent of the Academy of Medical Sciences of the U S S R. Z. S. Khlystova Arkh. anat., gist. i embr. 40 no 5 117-120 My '61.

HISTOLOGY—EQUIPMENT AND SUPPLIES
Devices for intra-arterial injecting of fixating mixtures. A. I. Olfa. Arkh. pat. no 4:79-81 '62.

Simple device for determining linear enlargement in microphotography and for measuring objects in histological sections. A. K. Apatenko. Arkh pat. no. 8:85-86 '61

HISTORIANS, ARMENIAN
Stepanos Taronatsi and Stepanos Taronatsi Asoghik is the same person [in Armenian with Summary in Russian]. G. V. Abgorian Ist.-filol. zhur. no. 1:210-225 '62.

HISTORICAL GEOGRAPHY see Geography, Historical

HISTORICAL LIBRARIES see subdivision under Erivan

HISTORICAL MATERIALISM see Dialectical materialism

HISTORICAL MUSEUMS see subdivision under Chelyabinsk Province; Kamenets-Podol'skiy; Moscow; Namangan

HISTORICAL RESEARCH
(see also subdivision under Kazakhstan)
An all-Union conference. A. V. Krasov. Vop. ist. KPSS 6 no. 2:220-222 '62.

Brief news. Vop. ist. KPSS 6 no. 2:237-238 '62.

HISTORICAL SOCIOLOGY
Alekseev, V. V. [Clans, tribes, peoples, and nations; historical forms of human societies] Rod, plemia, narodnost', natsiia; istoricheskie formy obshchnosti liudei. Moskva, Gos. izd-vo polit. lit-ry, 1962. 50 p.

HISTORY—AUDIO-VISUAL AIDS
The club makes visual aids. G. T. Cherepovskii. Prep. ist. v shkole 17 no. 3:97-99 My-Je '62.

Preparation of three-dimensional aids in school workshops B. M. Sosnovskii, I. B. IAkover. Prep ist v shkole 17 no 3:96-97 My-Je '62

Use of political caricatures in modern history lessons. A. S Markov Prep ist v shkole 17 no 3,64-69 My-Je '62

Wall newspaper and historical exhibitions on certain subjects A. B. Mel'nikov Prep. ist. v shkole 17 no. 3, 90-92 My-Je '62

HISTORY—BIBLIOGRAPHY see Bibliography—History

HISTORY—CURIOSA AND MISCELLANY
Historical news. Prep ist. v shkole 17 no. 3:124-128 My-Je '62

A little about many things. Znan. sila 37 no. 4:44-45 Ap '62

HISTORY—PHILOSOPHY
"How V. I. Lenin developed historical materialism in the late 19th and the early 20th century" by I Hotovakha, M. Zlotina. Reviewed by A. P. Sertsova, G D. Karpov. Nauch. dokl. vys. shkoly, filos. nauki 5 no. 2:132-135 '62.

Martin Heidegger's philosophy of history and the history of bourgeois romanticism [with summary in English, pp. 184-185]. P. P. Gaidenko. Vop. filos. 16 no. 4:73-84 '62.

Transition from capitalism to communism is the general course of the historical development of mankind. S. A Fediukin. Izv. AN Kazakh. SSR, Ser. ist., arkheol. i etn no. 1 10-25 '62

HISTORY—STUDY AND TEACHING
(see also subdivision under Lipetsk Province)
Club in a rural school. N. A. Gorev. Prep. ist. v shkole 17 no. 3:89-90 My-Je '62

Donskoi, G. M. [How to study the labor and socialist movement in modern history classes; the first period] Izuchenie voprosov rabochego i sotsialisticheskogo dvizheniia v kurse novoi istorii (pervyi period). Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 152 p. (Iz opyta uchitelia)

Encouraging the participation of students in history lessons A M Bokacheva Prep ist v shkole 17 no. 3: 43-47 My-Je '62.

Improving the methodological training of history teachers A N. Il'inskii and others Sov pedag. 26 no. 4:100-107 Ap '62.

Interprovince conference and seminar of the heads of district subject committees and history teachers. A. V. Ivanchenko Prep. ist v shkole 17 no. 3:122-123 My-Je '62

Let's study progressive practice carefully and inculcate it persistently. Prep ist v shkole 17 no. 3,3-9 My-Je '62

"Psychology of the assimiliation of history by students" Reviewed by V K Demydenko. Rad. shk 40 no. 1: 90-91 Ap '62.

Student reviews as a means of activating the educational process. M. I. Skarzhinskii Prep. ist. v shkole 17 no 3,62-64 My-Je '62

Student work on local history. Prep. ist. v shkole 17 no. 3:93-95 My-Je '62

HISTORY, ANCIENT—STUDY AND TEACHING
Some aspects of educational work in ancient history lessons in the fifth grade. E. I. Patiazhan. Prep. ist. v shkole 17 no 3:58-61 My-Je '62

HISTORY, MODERN
Historical research. Nov. i noveish. ist. no. 2:174-180 '62.

HISTORY, MODERN—BIBLIOGRAPHY see Bibliography—History, Modern

HLIBOV, LEONID IVANOVYCH, 1827-1893
Leonid Hlibov's letters. M. Vizyr, IU Kolesnichenko Ukraina no. 10 22 My '62.

HODGKIN'S DISEASE
Evaluation of the immediate results of treating lymphogranulomatosis with dopan and degranol I. G. Raevskii. Vop. onk 8 no. 4 3-11 '62

HOG CHOLERA
(see also subdivision under Bulgaria)
Comparative effectiveness of vaccines against hog cholera in case of aerogenic infection. G. F. Pogonailo, A. B. Terlukhanov. Veterinariia 37 no. 10:33-35 O '60.

Diffusion precipitation reaction on the agar plate for the diagnosis of hog cholera. I. I. Kulesko, A. I. Sobko. Veterinariia 37 no. 10:68-73 O '60.

Effectiveness of specific measures for the control of hog cholera. I. V. Sorokin. Veterinariia 37 no. 10:35-38 O '60.

Elimination of hog cholera. N. G. Ipatenko. Veterinariia 37 no. 10:25-28 O '60.

Eradication of hog cholera is an urgent task. A. A. Besamertnykh. Veterinariia 37 no. 10:12-15 O '60.

Immunization of swine against cholera with avirulent lapinized dry strain ASV viral vaccine. I. E. Golubev and others. Veterinariia 37 no. 10:29-32 O '60.

Pathologicohistological changes in the central nervous system in hog cholera. A. I. Averikhin. Veterinariia 37 no. 10:41 O '60.

Reduced doses of crystal violet vaccine against hog cholera. P. K. Sizonov, G. G. Chub. Veterinariia 37 no. 10:40 O '60.

HOISTING MACHINERY
Mechanization of hoisting and conveying operations in the assembling of machinery. A. B. Drannikov. Vest. mash. 42 no. 4:64-67 Ap '62.

New hoisting and conveying equipment. Mekh i avtom proizv. 16 no. 4:44-46 Ap '62.

HOISTING MACHINERY—ABSTRACTS
[Hoisting and conveying machinery and structures] Ref. zhur. Otd. vyp. 39: Pod. -transp. mash. i soor. nos. 1-7, 9-10 Ja-My '62.

HOKUSAI, 1760-1849
Exhibition of woodcuts by K. Hokusai and his students V. Dashkevich. Soob Gos. Ermitazha no. 21:64 '61

HOLIDAYS
The harm of religious holidays and rites. M. Ivanov. Komm. Mold. 7 no 3 65-70 Mr '62.

HOLLAND see Netherlands

HOLLYWOOD, CALIF.—SOCIAL CONDITIONS
A visit to Hollywood. John Mortimer. Isk. kino no. 4: 136-137 Ap '62.

HOME ACCIDENTS—PREVENTION
Searching for stinging toys. M Linetskaia. Zdorov'e 8 no. 4:24-25 Ap '62.

HOME AND SCHOOL
Don't repeat their mistakes. M. Stepanova. Sem'ia i shkola 17 no. 4 15-16 Ap '62
Work and plans of public-spirited parents. Sem'ia i shkola 17 no. 4 22 Ap '62

HOME ECONOMICS
Useful advice. Rab. i stud. 38 no. 4:23 Ap '62

HOMEOPATHY
Treatment of dermatoses with homeopathic remedies [with summary in English]. K. IA Zhuravlev. Vest. derm. i ven. no. 6:29-33 '61.

HOMES FOR THE AGED see Old-age homes

HONEY
Microelements of honey. B. A. Makarochkin, D. M. IUdenich. Priroda 51 no. 4:97 Ap '62.

Snigur, M. I., and M. F. Radchenko. [Hygienic evaluation of honey and methods for its study] Gigienicheskaia otsenka meda i metody ego issledovaniia. Kiev, Gos. med. izd-vo USSR, 1961. 67 p.

HOOFS—DISEASES
Hoof diseases in cattle. K. Sh. Gadzhiev, G. A. Kuliev. Veterinariia 38 no. 1:54-55 Ja '61.

"Hoof diseases in cattle and swine" by A. F. Burdaniuk. Reviewed by V. A. Nikanorov. Veterinariia 37 no. 10:85-87 O '60.

HORMONE THERAPY
Experimental data on the compound use of neuroplegic, vasopressor and hormonal substances in the treatment of shock [with summary in English]. O P. Kibrabrova. Biul. eksp. biol. i med. 3[i. e 53] no. 3 60-64 Mr '62.

Hormone therapy in Botkin's disease [with summary in English] M. E. Semendineva, O. N. Mukhina. Sov. med. 25 no. 1,21-31 Ja '62.

HORMONES
Effect of hormonal preparations on the excretion of thiamine, riboflavin, N_1-methylnicotinamide, and 4-pyridoxic acid with urine in patients with infectious hepatitis [with summary in English]. P. D. Starshov. Vop. med. khim. 8 no. 2:169-176 Mr-Ap '62.

HORMONES, SEX
Effect of hormonal influences on Brown-Pearce metastasizing tumors V. D. Vinogradova Vop. onk 8 no. 3: 77-81 '62.

Hormonal disturbances in climacteric metropathy. A. F. Dobrotina. Sbor. nauch. rab. Kaf. akush. i gin. GMI no. 2:99-101 '60.

HORSE BREEDING
(see also subdivision under Buryat-Mongolia)
Crossing Don with Buryat horses P. A. Fedotov. Trudy AZVI 9:104-108 '56.

HORSEFLIES see subdivision under Adyge Autonomous Province; Tyumen' Province

HORSES—DISEASES AND PESTS
Intravenous administration of novocaine during periodical eye inflammation in horses. G. S. Mastyko, E. M. Bugrinovskaia, M. M. Zhuk. Veterinariia 37 no. 10:53-54 O '60.

Materials on the pathogenesis of cardiovascular insufficiency in chronic diseases of the lungs in horses. V. P. Paderin. Trudy AZVI 9:159-163 '56.

Materials on the pathogenesis of stomach and intestinal diseases in horses with a pathology of the cardiovascular system. G. IA. Libreikh. Trudy AZVI 9:139-144 '56.

Secretory function of the stomach in horses under normal and pathologic conditions. S. M. Basov. Trudy AZVI 9 145-151 '56.

HORSES—PARASITES see Parasites—Horses

HORSES—PHYSIOLOGY
Change in the cholinesterase activity and magnesium concentration of the blood during pain stimulation of gastric interceptors in horses S I Khudaev Trudy AZVI 9:152-158 '56

HORSES, FOSSIL
Recent data on the geological age of tufogenic deposits in southern Georgia. L. K. Gabunia, T. N. Lazarashvili Soob AN Gruz SSR 28 no. 1:53-55 Ja '62

HORSERADISH
Antimicrobial properties of the cultivated horseradish. Report No. 1: Antimicrobial activity of extracts and essential oil from cultivated and wild horseradishes. A.K. Nehrash. Mikrobiol. zhur. 23 no. 1:32-37 '61.

HORTICULTURAL RESEARCH see subdivision under Tajikistan

HORTICULTURE see subdivision under Moldavia; Zeravshan Valley

HOSE—TESTING
Investigating the load of internal contact pressure and axial stress of a pressure hose carcass made of entwined spiral elements. V. I. Treshchalov, V. A. Lepetov. Kauch. i rez. 21 no. 4:26-30 Ap '62.
Investigating the load on spiral elements exerted by inner contact pressure. V. I. Treshchalov, V. A. Lepetov. Kauch. i rez. 21 no. 3:25-30 Mr '62.

HOSPITALS
Day hospitals. Z. I Elmenkina Zdrav. Ros. Feder. 6 no. 4 28-30 Ap '62.
Duration of patients' stay in hospitals. S. A. Pen Zdrav. Ros Feder. 6 no. 4:44-47 Ap '62.
Duration of patients' stay in hospitals. V. N. Ivakina, L. A Brushlinskaia. Zdrav. Ros. Feder. 6 no. 3:48 Mr '62.
Inter-province conference at Tambov on experience gathered in the work of district hospitals V. V. Azlin, R A. Lebedeva. Zdrav. Ros. Feder. 6 no. 3 42-44 Mr '62.
Let's increase the patient turnover in hospitals. A. Rabinovich Sots. obesp 23 no 5 48-52 My '62

HOSPITALS—HYGIENE
Disinfection of hard wastes from therapeutic institutions. A A Kirpichnikov, M A Shapiro. Gig. i san 26 no 5: 71 75 My '61.

HOSPITALS—OUTPATIENT SERVICES
Dispensary registration of patients with tuberculosis. V.N. Bratkov. Probl. tub, no. 3:14-16 '62.
Statistical record of diseases requiring outpatient surgical treatment D B. Shestov Zdrav. Ros. Feder. 6 no. 4:23-25 Ap '62.

HOSPITALS, GYNECOLOGIC AND OBSTETRIC
(see also subdivision under Erivan)
Triumph of life. D. Orlova. Zdorov'e 8 no. 3:6-8 Mr '62.

HOURS OF LABOR
(see also subdivision under United States)
How to improve our laws on the hours of labor. L. IA. Ginsburg. Sov. gos. i pravo 32 no. 5:114-120 My '62.
Legal regulation of the shorter workday in hazardous occupation L Muksinova. Sots. trud 7 no. 1:130-136 Ja '62.
"The waste of working time." Part zhizn' no 9.7-8 My '62

HOUSE PAINTING
Beautifying a house. Izobr. i rats. no. 4:12-14 Ap '62.

HOUSE PLANTS
Useful advice. Rab. i sial. 38 no. 4:23 Ap '62.

HOUSING
A writ granting dwelling space. Sov. deput. trud. no. 4:41-42 Ap '62.

HULLS (NAVAL ARCHITECTURE)
Design and manufacture of plastic deck houses for the motorship "Raketa." V. V. Isakov, A. P. Kalmychkov. Sudostroenie 28 no. 4:58-64 Ap '62.
Design of tank bottom span coverings. IU. S. Titkov. Sudostroenie 28 no. 3:9-10 Mr '62.
Flexure of a rigid plate of infinite length under the effect of local loading. D. E. Khaisin. Sudostroenie 28 no. 4 15 16 Ap '62.
Formulas for calculating the strength and stability of beam knees. A. Z. Lokshin, L. I. Rinbov. Sudostroenie 28 no 4:9-10 Ap '62
Papkovich, P. F. [Structural mechanics of a ship] Stroitel'naia mekhanika korablia. Moskva, Izd-vo "Morskoi transport."
Pt. 1. Vol. 2. [Curvilinear frames. Cross members] Krivolineinye ramy. Perekrestnye sviazi. 1947. 815 p.

HUMAN EMBRYOLOGY see Embryology, Human

HUMAN ENGINEERING
Esthetics and technology. P. Tuchy. IUn. tekh. 6 no 3:49-53 Mr '62.

HUMAN RELATIONS see Interpersonal relations

HUMANITIES—STUDY AND TEACHING
Improving the teaching of humanities E. I Monoszon Sov. pedag 26 no. 4 10-21 Ap '62.

HUMANITY
Humanity or sentimentality? by Lenina Ivanova. Oktiabr' 39 no. 2 183-187 F '62.

HUMATES
Composition and developmental characteristics of the autochthonous microflora B thriving in humate-rich media. N A. Movchan Trudy Vses inst sel'khoz mikrobiol no. 14:75-90 '58.

HUMIDITY—MEASURMENT
New instrument for measurement and control of air humidity in the cooled space E. M Agarev, I A. Pavlova, V. S. Matskin. Khol. tekh 39 no. 2:9-13 Mr-Ap '62.

HUMUS
Composition of humus in Sierozem soils of Uzbekistan T. B Azizov Visnyk sil'hosp. nauky 5 no. 3 92-94 Mr '62
Number of repetitions in determining the exchangeable calcium and humus reserves and content in Podzolic forest soils [with summary in English]. B. D Zaitsev. Pochvovedenie no. 4:81-85 Ap '62

HUNGARIAN LANGUAGE—GRAMMAR
Ivanov, B. S. [Textbook of the Hungarian language] Uchebnik vengerskogo iazyka. Moskva, Izd-vo lit-ry na inostr. iazykakh, 1961. 345 p.

HUNGARIAN LITERATURE—PERIODICALS
Militant trumpet of our times. E. Umniakova. Vop. lit. 6 no. 4:126-130 Ap '62.

HUNGARY—BAUXITES
Effect of pressure on the leaching of Hungarian bauxites. A. I. Beliaev, E. A. Zhemchuzhina. Izv. vys. ucheb zav.; tsvet. met. 3 no. 2:88-95 '60.

HUNGARY—COMMERCE
Development of Hungary's export potentialities and import requirements [with English summary in appendix]. N. Volkov. Vnesh. torg. 42 no. 5:12-18 '62.

HUNGARY—ECONOMIC CONDITIONS
Usiovich, M. A. [Developing the socialist economy of Hungary] Razvitie sotsialisticheskoi ekonomiki Vengrii. Moskva, Izd-vo Akad. nauk SSSR, 1962. 214 p.

HUNGARY—PRODUCE TRADE
State procurements of the Hungarian cooperative societies. S. Potapov. Sov. potreb koop. 6 no. 4: 61-62 Ap '62.

HUNGARY—VIEWS
Vali, Gabor, and Maria Veres, eds. [Hungary today] Segodniashniaia Vengriia. Budapest, Szikra, 1940. [6] p. illus.

HUNGARY—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS
The struggle in spirit. G. Sharpilo. Sov. voin 44 no. 4: 31-32 F '62.

HUNGER
Studies of the motor function of the intestines in man by the balloon-kymograph method. Report No. 1: "Hunger" motor activity of the small intestine in normal subjects. V. G. Khlystov, O. L. Kolosova. Klin. med no 2:112-118 '62.

HUNTING
(see also subdivision under Australia)
Cherkasov, A. A. [Notes of a game hunter and naturalist] Zapiski okhotnika-naturalista. Moskva, Izd-vo Akad. nauk SSSR, 1962. 503 p.

HUNTITE see subdivision under Nevada; Takfon region

HÜSEYIN, d. 1644
"Remarkable events" by Hüseyin. Edited by A. S. Tveritinova Reviewed by A. Zhelmiakov. Nar Azii i Afr. no. 2:243-244 '62.

HYALURONIDASE
Testicular hyaluronidase activity following splenectomy. S. A. Seleznev. Trudy Semipal. med. inst. 2:72-76 '59.

HYBRID CORN
(see also subdivision under Krasnodar)
Biochemical structure of corn hybrids of the first generation [in Armenian with summary in Russian]. S. A. Sogomonian. Izv. AN Arm. SSR, Biol. nauki 15 no. 3: 33-38 '62.
Unusual corn. S. Khlavna. IUn. nat. no 4 24-26 Ap '62.

HYBRIDIZATION, VEGETABLE
Development of wheat hybrids by using certain varieties for additional pollination [with summary in English]. M. I. Khudiak. Ukr. bot. zhur. 19 no. 1:21-30 '62.
Zarubailo, T. IA. [Hybridization and its importance in increasing the productivity in plants] Gibridizatsiia i ee znachenie v povyshenii produktivnosti rastenii. Leningrad, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 117 p.
(DA)

HYDATIDS
Late results and work capacity following operations for echinococcosis. N. S. Bzdakova. Zdrav. Kazakh 22 no. 2:14-18 '62.
Recurrent echinococcosis A S Ishisov. Trudy Semipal med inst 2 284-294 '59

HYDRACRYLIC ACID
Use of β-propiolactone for sterilizing some labile biological preparations, preliminary report [with summary in English]. N. E. Gefen, O. A. Rudneva, A. G. Bazhinov. Zhur. mikrobiol., epid. i immun. 33 no. 3:103-108 Mr '62.

HYDRAULIC CONTROL
Concerning the sensitivity of a hydraulic amplifier with a nozzle and flapper [with summary in English]. I. M. Krassov, L. I Radovskii, B. G. Turbin. Avtom. i telem. 23 no. 4:543-545 Ap '62

HYDRAULIC CONVEYING
Characteristics of tailings of Magnitogorsk ore-dressing plants and their effect on the control of the operation of pulp pipelines. T. I. Mel'nikov Izv vys ucheb zav., gor zhur. 5 no 2:148-157 '62.

HYDRAULIC ENGINEERING
(see also subdivision under Volga Valley; Yakutsk region)
Calculating stresses near inspection galleries in hydrotechnical installations. A G Ugodchikov, A IA. Krylov. Inzh. zhur. 1 no. 4:160-165 '61.
Kostomarov, V. M. [Streams, ponds, and reservoirs in cities] Gorodskie vodoemy. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1961. 63 p.
[Protection of land against inundation and the rise of the ground water level] Zashchita territorii ot zatopleniia i podtopleniia. [By] S. K. Abramov i dr. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 423 p. (Gidrologicheskie sooruzheniia)
Sitkovskii, P. A. [Organization and performance of hydraulic engineering operations for land improvement purposes] Organizatsiia i proizvodstvo gidromeliorativnykh rabot. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1950. 279 p. (Uchebniki i uchebnye posobiia dlia sel'skokhozinstvennykh tekhnikumov)
Through the pages of foreign magazines. Gidr. stroi. 32 no. 4:57-60 Ap '62.

HYDRAULIC ENGINEERING—EQUIPMENT AND SUPPLIES
Development of new machinery for land reclamation and irrigation operations. E. I. Nomikovskii Stroi i dor mash. 6 no. 11:21-22 N '61.
Dozhdikov, B. V., and K. B. Serebriakov. [Hydraulic systems of tractors and SK-3 combines] Gidrosistemy traktorov i kombaina SK-3. [Gor'kii] Gor'kovskoe knizhnoe izd-vo, 1961. 101 p.
Let's develop special technology for hydraulic construction. B. M. Shkundin. Stroi. i dor. mash. 6 no 11:12-13 N '61.

HYDRAULIC ENGINES
Logov, L. M. [Hydraulic reversible multicylinder engine] Gidravlicheskii obratimyi mnogotsilindrovyi dvigatel'. Moskva, Mashgiz, 1962. 66 p.

HYDRAULIC JUMP
Determining the length of a hydraulic jump. G. G. Bogdanov. Gidr. stroi. 32 no. 4:42-44 Ap '62.

HYDRAULIC MINING
TSlapko, N. F. [Instructions for operators of hydraulic monitors] Pamiatka gidromonitorshchika. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 100 p.

HYDRAULIC MINING—WATER SUPPLY
Use of recirculating water and formation of dump piles in the hydraulic removal of the overburden. S. I Batanov, G. I. Lukinskii. Ogneupory 27 no 4:161-165 '62

HYDRAULIC PRESSES—TECHNOLOGICAL INNOVATIONS
Modernizing obsolete hydraulic presses. I. L. Tukatzinskii, V. IA. Narkevich. Vest. mash. 42 no. 4:68-69 Ap '62.

HYDRAULIC RAMS
Pneumatic water lifting system. L. Cherepnov. Pozh. delo 8 no. 3:20 Mr '62.

HYDRAULIC STRUCTURES
Greater attention to the operation of hydraulic engineering structures. G. Sadovskii. Rech. transp. 21 no. 4:31-34 Ap '62.
Sectional reinforced concrete construction of ship-raising slips. N. Burin, A. Brosalin. Rech transp. 21 no. 4: 37-38 Ap '62.

HYDRAULIC STRUCTURES—EQUIPMENT AND SUPPLIES
In the Technical Administration. Energ. stroi. no. 25.63 '61.

HYDRAULIC TURBINES
Effect of the output of the rotor wheel on the indices of a Francis-type hydraulic turbine. L. S. Shmugliakov, V. V. Barlit. Izv. vys. ucheb. zav.; energ. 5 no. 3: 88-95 Mr '62.

HYDRAULIC TURBINES—DESIGN AND CONSTRUCTION

Principles for selecting steel in hydraulic turbine manufacture. I. N. Bogachev, R. I. Mints. Energomashinostroenie 8 no. 4:27-30 Ap '62.

Taking into account the blade curving of adjustable blade type turbines in its design for strength. B. A. Berkman. Energomashinostroenie 8 no. 4:20-22 Ap '62

HYDRAULICS

Criterion of the stability of particles on the noncohesive slope of a river bank. Iu. M. Kuz'minov. Vop. gidr. no. 3:124-132 '61

HYDRAZINE—THERMAL PROPERTIES

Thermal decomposition and burning of hydrazine perchlorate. A. A. Shidlovskii, V. I. Semishin, L. F. Shmagin. Zhur. prikl. khim. 35 no. 4:756-759 Ap '62

HYDRAZONES

Metal derivatives of biacetyl oxime hydrazone. A. V. Ablov, N. I. Belichuk. Zhur. neorg. khim. 7 no. 4, 777-782 Ap '62.

Monoguanyl hydrazones and certain mixed guanyl hydrazones-thiosemicarbazones of β-diketones exhibiting a tuberculostatic effect. V. IA. Grinshtein, A. P. Veveris. Zhur. ob. khim. 32 no. 4:1077-1084 Ap '62

HYDROBROMIC ACID

Steric factors in the reaction of dehydrobromination of amides of β-bromo-substituted acids. I. L. Knunyants, E. E. Rytsilin, N. P. Gambarian. Zhur. ob. khim. 32 no. 4:1262-1274 Ap '62

HYDROCARBONS

Analysis of gaseous hydrocarbons by adsorption chromatography on aluminum oxide. F. N. Mazitova, S. K. Ermakova, R. A. Virobiants. Khim. i tekh. topl. i masel 7 no. 4:66-69 Ap '62.

Chemical mechanism of hydrocarbon cracking in destructive hydrogenation. Report No. 3. L. M. Kaliberdo, I. V. Kalechits. Trudy Vost.-Sib. fil. AN SSSR no. 36:25-30 '61.

Chemical mechanism of transformations of bicyclic hydrocarbons in destructive hydrogenation. I. V. Kalechits and others. Trudy Vost.-Sib. fil. AN SSSR no. 38:31-57 '61.

Composition of concentrates of aromatic hydrocarbons of low molecular weight analyzed by the "type" of molecules. R. I. Sidorov. Trudy Vost.-Sib. fil. AN SSSR no. 38:125-131 '61

Composition of industrial liquid-phase hydrogenates. Report No. 5. Composition of mixtures of aromatic hydrocarbons of liquid-phase hydrogenates of heavy oils from middle tar of Cheremkhovo coal. R. I. Sidorov, Z. P. Tiolsenko, A. S. Nakhmanovich. Trudy Vost.-Sib. fil. AN SSSR no. 38:68-76 '61

Composition of industrial liquid-phase hydrogenates. Report No. 6. Composition of the gasoline fraction of petroleum residue hydrogenates. R. I. Sidorov and others. Trudy Vost.-Sib. fil. AN SSSR no. 38:77-86 '61

Composition of industrial liquid-phase hydrogenates. Report No. 8. Composition of highly condensed aromatic hydrocarbons. R. I. Sidorov and others. Trudy Vost.-Sib. fil. AN SSSR no. 38:95-102 '61.

Composition of industrial liquid-phase hydrogenates. Report No. 9. Composition of aromatic hydrocarbons of liquid-phase hydrogenates from middle tar of Cheremkovo coals. R. I. Sidorov. Trudy Vost.-Sib. fil. AN SSSR no. 38:103-111 '61.

Graphic interpretation of the results of structural group analysis of aromatic hydrocarbon mixtures. R. I. Sidorov. Trudy Vost.-Sib. fil. AN SSSR no. 38:132-141 '61.

Infrared spectroscopy method for determining tri-n-butyl
soamyl ester of methylphosphonic acid
n paffinic hydrocarbons and dearoma-
n summary in English]. Iu. A. Pentin,
Shesterikov. Zhur. anal. khim. 17
Ap '62.

st.-Sib. fil. AN SSSR no. 38:3 '61.

ations of hydrocarbons in a diesel
al compression ratio. M. K. Bychkov.
ur. prikl. khim. 35 no. 4:892-896 Ap

peroxides of alkylaromatic hydro-
initiation properties in copolymeriza-
styrene. S. V. Zavgorodnii and others.
181-186 Mr '62.

on rates of polycyclic aromatic
', Kalechits, Z. A. Okladnikova.
Trudy Vost.-Sib. fil. AN SSSR no. 38:

tic hydrocarbons by the dioxane-
lex. Iu. T. Gordash, E. A. Lariutina.
Dokl. AN BSSR 6 no. 4:237-239 Ap

n of aromatic hydrocarbons. M. G.
irs. Khim. i tekh. topl. i masel 7
2.

etermining the relative constants of
ient of hydrogen atoms in organic
ive reactivity of carbon-hydrogen
ions in radical reactions. V. L.
Berezin, N. F. Kazanskaia. Izv. vys.
khim. tekh. 5 no. 1:94-100 '62.

Viscosity of aromatic hydrocarbons and halogen derivatives of benzene. Kh. M. Khalilov. Izv. AN Azerb. SSR, Ser. fiz.-mat. i tekh. nauk no. 6:37-43 '61.

HYDROCELLULOSE—THERMAL PROPERTIES

Heat capacity and phase state of cellulose fibers of various structure [with summary in English]. N. V. Mikhailov, E. Z. Fainberg. Vysokom. soed. 4 no. 2:230-236 F '62.

HYDROCHLORIC ACID

Differentiated wood hydrolysis by concentrated hydrochloric acid in the diffusion battery. N. V. Chalov and others. Izv. vys. ucheb. zav., les. zhur. 4 no. 6:138-146 '61.

Effect of organic activating and retarding agents on the corrosion of metals by hydrochloric acid in narrow interstices. Iu. I. Sorokin, Kh. L. TSeitlin. Zhur. prikl. khim. 35 no. 3:573-576 Mr '62

Solubility of 1,2-diaminocyclohexanetetraacetic acid in ammonia and hydrochloric acid. A. E. Klygin, I. D. Smirnova. Zhur. ob. khim. 32 no. 4:1259-1262 Ap '62

Use of the ITR-1 interferometer for determining hydrochloric acid content of phosgene. Iu. A. Strepikheev, G. S. Karetnikov, Iu. I. Baranov. Zav. lab. 28 no. 3:314-315 '62

HYDRODYNAMICS

Expansion of a cylinder in a liquid. K. A. Naugol'nykh. Akust. zhur. 8 no. 1:136-138 '62.

Flow of a viscous fluid between two parallel vibrating planes. I. N. Sadikov. Trudy MFTI no. 7:124-135 '61.

Hydraulics of the motion of sand its use in petroleum engineering. A. F. Kasimov. Izv. AN Azerb. SSR. Ser. fiz.-mat. i tekh. nauk no. 6:119-135 '61

Hydrodynamics of axial-torsional vibrations in a viscous fluid [with summary in English]. E. L. Andronikashvili. Trudy Inst. fiz. AN Gruz. SSR 6:33-41 '58

Lagrange's equations of the hydrodynamics of an incompressible viscous fluid. A. S. Monin. Prik. mat. i mekh. 26 no. 2:320-327 Mr-Ap '62

Laws governing the flow of a film on a vertical cylindrical tube; single-phase flow [with summary in English]. B. S. Kasimov, F. F. Zigmund. Inzh.-fiz. zhur. 5 no. 4:71-74 Ap '62.

Motion of a solid in an ideal incompressible fluid. A. N. Filatov. Izv. AN Uz. SSR. Ser. fiz.-mat. nauk 6 no. 1:25-32 '62

Motion of a two-phase liquid under conditions of elastic permeability. V. N. Nikolaevskii. PMTF no. 1:131-136 Ja-F '62.

Movement of an ideal liquid with a pressure discontinuity along the boundary. F. L. Chernousko. Prik. mat. i mekh. 26 no. 2:373-375 Mr-Ap '62

Pressure of a gas jet against an equilateral wedge. G. I. Nazarov. PMTF no. 1:25-33 Ja-F '62

Some results from a study of the viscosity of fluids. Kh. M. Khalilov. Izv. AN Azerb. SSR. Ser. fiz.-mat. i tekh. nauk no. 1:69-75 '62.

Viscosity of mixtures of gases and mixtures of liquids. I. I. Novikov. PMTF no. 1:82-84 Ja-F '62.

HYDROELECTRIC POWER STATIONS
(see also Bratsk Hydroelectric Power Station; Dneprodzerzhinsk Hydroelectric Power Station; Krasnoyarsk Hydroelectric Power Station; Plavinas Hydroelectric Power Station)

At hydraulic engineering projects. Gidr. stroi. 32 no. 4:45-46 Ap '62.

Efficient utilization of the water power of irrigation canals. S. S. Said-Khodzhaev. Trudy TIIMSKH no. 1:103-126 '55.

Graphic rectification of the characteristics of hydroelectric power generation at the points of discontinuity. N. A. Mamed-Zade. Izv. AN Azerb. SSR Ser. fiz.-mat. i tekh. nauk no. 1:147-149 '62

In the Ministry for the Construction of Electric Power Plants. Gidr. stroi. 32 no. 4:44-45 Ap '62.

Method of technical and economic comparisons. S. N. Kritskii, M. F. Menkel'. Gidr. stroi. 32 no. 4:40-42 Ap '62.

Nomogram for load distribution between thermal power plants and hydrostations. N. A. Mamed-Zade. Izv. AN Azerb. SSR. Ser. fiz.-mat. i tekh. nauk no. 6:103-106 '61.

Shaping of channels at hydroelectric power stations. S. T. Altunin. Trudy TIIMSKH no. 1:127-140 '55.

Studying seepage problems of one of the projected hydroelectric power stations. B. P. Surovtsev. Trudy TIIMSKH no. 1:141-150 '55

HYDROELECTRIC POWER STATIONS—DESIGN AND CONSTRUCTION

Dispatcher's flow sheets for cement work. E. A. Gliazer. Energ. stroi. no. 25:59-60 '61.

Special hydraulic triangulations and height basis for the laying out and observation of the strains of the basic foundation structures of hydroelectric power systems. A. S. Zemtsov. Energ. stroi. no. 25:54-58 '61.

HYDROELECTRIC POWER STATIONS—SAFETY MEASURES

Classification of current consuming points in hydraulic construction according to the degree of reliability. B. Z. Umanskii. Gidr. stroi. 32 no. 4:50-51 Ap '62.

HYDROELECTRIC POWER STATIONS—WATER SUPPLY

Use of hydrological forecasts in the composition of charts for dispatcher control of the reservoirs of hydroelectric power stations. E. V. TSvetkov. Izv. AN SSSR, Otd. tekh. nauk, Energ. i avtom. no. 2:18-27 Mr-Ap '62.

HYDROFLUORIC ACID

Chemical methods of dehydration of hydrogen fluoride. N. S. Nikolaev, Iu. A. Buslaev, S. V. Vinaev. Zhur. neorg. khim. 7 no. 4:945-946 Ap '62

HYDROGEN

Calculation of the rate of normal flame propagation in mixtures of hydrogen and chlorine. A. G. Istratov, V. B. Librovich. Dokl. AN SSSR 143 no. 6:1380-1383 Ap '62

Dunaitsev, A. F., and others. [Detection of charge-exchange in stopped π⁻-mesons on nuclei of bound hydrogen] Obnaruzhenie perezariadki ostanovivshikhsia π⁻-mezonov na iadrakh sviazannogo vodoroda. Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 4 p.

Investigation of flameless hydrogen burning on platinum platinum-iridium thermocouple. V. B. Aleskovskii and others. Trudy LTI no. 48:219-226 '60.

Ionization of gases by fast hydrogen atoms and protons [with summary in English]. E. S. Solov'ev and others. Zhur. eksp. i teor. fiz. 42 no. 3:659-666 Mr '62.

Photosorption of hydrogen on titanium dioxide. V. L. Rapoport, Iu. P. Solonitsyn. Dokl. AN SSSR 143 no. 5:1149-1151 Ap '62.

HYDROGEN BONDING

Use of tritium for determining the relative constants of the rate of detachment of hydrogen atoms in organic compounds. Relative reactivity of carbon-hydrogen bonds of hydrocarbons in radical reactions. V. L. Antonovskii, I. V. Berezin, N. F. Kazanskaia. Izv. vys. ucheb. zav., khim. i khim. tekh. 5 no. 1:94-100 '62

HYDROGEN HALIDES

Heats of reaction of oxides and hydroxides of the zinc subgroup elements with solutions of perchloric and hydrohalide acids. V. A. Titysheva, L. R. Gorlanina. Zhur. neorg. khim. 7 no. 4:732-738 Ap '62.

HYDROGEN-ION CONCENTRATION

Determination of the pH of the beginning of dissolution and of the activity product of gadolinium hydroxide. P. N. Kovalenko, K. N. Bagdasarov. Zhur. neorg. khim. 7 no. 4:739-742 Ap '62

Determination of the pH of the beginning of dissolution and of the product of yttrium hydroxide activities. P. N. Kovalenko, O. I. Geiderovich. Izv. vys. ucheb. zav.: khim. i khim. tekh. 5 no. 1:58-61 '62.

Effect of the pH of the solution on the adsorption of iodine ions on a silver electrode. L. A. Medvedeva, IA. M. Kolotyrkin. Dokl. AN SSSR 143 no. 6:1384-1387 Ap '62.

Effect of the pH value of leuco solution on the redox characteristics of vat dyes. V. G. Abozin, M. G. Romanova. Zhur. prikl. khim. 35 no. 4:850-854 Ap '62.

HYDROGEN-ION CONCENTRATION—MEASUREMENT

The new PPP-58 and LP-58 meters of hydrogen-ion concentration. A. V. Garkun, V. P. Sakovich. Priborostroenie no. 4:23-24 Ap '62.

HYDROGEN NUCLEUS see Protons

HYDROGENATION

Chemical mechanism of hydrocarbon cracking in destructive hydrogenation. Report No. 3. L. M. Kaliberdo, I. V. Kalechits. Trudy Vost.-Sib. fil. AN SSSR no. 38:25-30 '61.

Chemical mechanism of naphthalene hydrogenation over iron catalysts. Vei Shi-pin, TSzian Bin-nan'. Trudy Vost.-Sib. fil. AN SSSR no. 38:59-60 '61.

Chemical mechanism of transformations of bicyclic hydrocarbons in destructive hydrogenation. I. V. Kalechits and others. Trudy Vost.-Sib. fil. AN SSSR no. 38:31-57 '61.

Composition of industrial liquid-phase hydrogenates. Report No. 6: Composition of the gasoline fraction of petroleum residue hydrogenates. R. I. Sidorov and others. Trudy Vost.-Sib. fil. AN SSSR no. 38:77-86 '61.

Composition of industrial liquid-phase hydrogenates. Report No. 7. Composition of petroleum residue hydrogenates. R. I. Sidorov and others. Trudy Vost.-Sib. fil. AN SSSR no. 38:87-94 '61.

Composition of products of o- and m-xylene destructive hydrogenation in the presence of tungsten sulfide. K. A. Pavlova, I. V. Kalechits. Trudy Vost.-Sib. fil. AN SSSR no. 38:19-24 '61.

Composition of products of toluene destructive hydrogenation in the presence of high temperature catalysts. I. V. Kalechits, K. A. Pavlova. Trudy Vost.-Sib. fil. AN SSSR no. 38:15-18 '61.

Consecutive reactions in gasoline recovery process. L. M. Kaliberdo, I. V. Kalechits. Trudy Vost.-Sib. fil. AN SSSR no. 38:152-154 '61.

Destructive hydrogenation of methylnaphthalenes in the presence of a WS_2 catalyst. K. A. Pavlova, I. V. Kalechits. Trudy Vost.-Sib. fil. AN SSSR no. 38:61-67 '61.

HYDROGENATION (Continued)
Mechanism of the destructive hydrogenation of benzene studied by means of tagged atoms. I V Kalechits, V.G Lipovich, V V Vykhovanets Trudy Vost -Sib fil AN SSSR no 38 5-14 '61.
Preface Trudy Vost -Sib. fil. AN SSSR no 38 3 '61
Relative hydrogenation rates of polycyclic aromatic hydrocarbons. I V Kalechits, Z A Okladnikova, D.Kh. Nikolaeva Trudy Vost. -Sib fil AN SSSR no. 38 112-124 '61

HYDROGRAPHY see subdivision under Soviet Far East

HYDROLOGY
(see also subdivision under Azov, Sea of; Dnieper River; Kara Sea; Mediterranean Sea)
M V. Lomonosov's contribution to meteorology and hydrology. I A.Ledoseev. Vop. ist. est. i tekh no. 12. 148-150 '62
Significance of M A. Rykachev's works in the development of land hydrology. I.A Fedoseev. Vop. ist. est. i tekh. no. 12:197-200 '62

HYDROLOGY—RESEARCH
Direct methods of determining the sites of discharge and intake of waters on the bottoms of the rivers and reservoirs in karst provinces. A A Ogilvi. Inform shor. Mezhd kom po izuch. geol geogr. kar no. 1 154-163 '60.

HYDROLYSIS
Chemistry of acetals Report No. 10 Hydrolysis of tetraethylmalonals of malonic and methylmalonic dialdehydes. L. A IAnovskaia, V F. Kucherov. Izv AN SSSR. Otd. khim. nauk no. 4:667-674 Ap '62
Decomposition of dysenteric bacteria under various conditions of acidic hydrolysis. N.O. Horchakova, D.O. Tsiverkalov. Mikrobiol. zhur. 33 no. 6:41-45 '61.
Differentiated wood hydrolysis by concentrated hydrochloric acid in the diffusion battery. N. V. Chalov and others. Izv. vys. ucheb. zav., les. zhur. 4 no. 6:136-146 '61.
Hydrolysis behavior of the plutonyl ion in aqueous solutions. A. I. Moskvin, V P Zaitseva. Radiokhimiia 4 no 1:7J-81 '62.
Hydrolysis rate of ferrous chloride in a water vapor medium M V. Ionin, A A. Kozhakova, V G. Nikitina. Zhur prikl. khim. 35 no. 4:900-902 Ap '62.
Kinetics and mechanisms of butyrolactam hydrolysis in KOH aqueous solutions. M. I. Vinnik, Ш. V. Mutseev, L. V. Palagina. Dokl. AN SSSR 143 no. 5:1127-1130 Ap '62.
Kinetics of iodine hydrolysis in chloride and bromide solutions. G. R. Zalkind, S. I. IAvorskii. Izv AN Turk. SSR. Ser. fiz. -tekh., khim i geol. nauk no. 2:56-64 '62.
Synthesis of methylaminotrifluoroborine, its properties and the kinetics of hydrolysis. I G Ryss, S L Idel'is, Izv. vys. ucheb. zav., khim i khim. tekh. 5 no 1.70-74 '62.
Today and tomorrow of our plant. B Bobovnikov, N. Voronenko. Nat. khoz. Uzb 4 no 3:34-37 Mr '62.

HYDROMETEOROLOGY
Radio-facsimile transmissions of hydrometeorological charts. G. Shumeiko. Mor. flot 22 no. 4:13-14 Ap '62.

HYDROPHOBIA see Rabies

HYDROTHORAX
Early detection of hydrothorax in kidney diseases [with summary in English]. M. G. Vinner, S. I. Kruk. Klin. med. no. 6:89-94 '61.

HYDROXYLAMINE
Combustion of inorganic salts - ammonium iodate and hydroxylamine sulfate. A. A. Shidlovskii. Zhur. prikl khim. 35 no. 3:511-516 Mr '62.

HYGIENE
Human beauty. S. Khalamova. Zdorov'e 8 no. 4:3-4 Ap '62.
Motion-picture serial "Zdorov'e." V. IA. Lagutina. Zdorov'e 8 no 2:27 F '62.
Secrets of health. P. V. Simonov. Zdorov'e 8 no. 2: 11-12 F '62.

HYGIENE, MILITARY see Military hygiene

HYGIENE, VETERINARY see Veterinary hygiene

HYGROMETRY
Semiconductor universal psychrometer [with summary in English]. I. G. Mushkin. Inzh.-fiz. zhur. 5 no. 4:97-98 Ap '62.

HYPERINSULINISM see Insulin shock

HYPERSUSCEPTIBILITY see Anaphylaxis

HYPERTENSION
Arterial hypertension and the vascular systems. V. A. Val'dman. Vop. pat. krovi i krovoobr. no. 5:198-210 '59.
Changes in the small pulmonary veins in venous hypertension of the lesser circulation connected with mitral defect of the heart [with summary in English]. L. L. Kapuller. Arkh. pat. no. 7 56-62 '61.
Effect of mecamine in hypertension V. M. Lobutin. Vop. pat. krovi i krovoobr no 5:173-179 '59
Effectiveness of Rauwolfia serpentina preparations in hypertension. S I Lilenko Vop. pat. krovi i krovoobr. no 5 180-187 '59.
Iron content of the blood serum in the cerebral form of hypertension [with summary in French] L. R. Nozdrukhina Zhur. nevr. i psikh 62 no 1:66-69 '62
Method for measuring pressure in the temporal arteries and the problem of regional cerebral hypertension [with summary in English]. S. M. Shinin. Sov. med 25 no 1. 50-55 Ja '62.
Morphology of some renal hypertensions. E. V Uranova Arkh. pat no 4 43-49 '62
Neurohumoral changes in experimental renal hypertension. M. T. Golitsynskaia Pat. fiziol i eksp terap. 6 no. 6:67-68 N-D '61.
Pathogenesis of acute coronary insufficiency and myocardial infarct in hypertension [with summary in English]. L. L. Likht Arkh. pat no 4.32-38 '62
Problem of regional cerebral hypertension Report No. 1: Comparison of data from palpation and mechanocardiographic methods [with summary in French] V. A. Raibshtein Zhur nevr. i psikh 62 no. 1:28-31 '62
Protein metabolism in hypertension. K. Z. Talimova. Zdrav. Kazakh. 22 no. 2.29-31 '62.
Size of an electrical systole in hypertension. A S Ismagulov, N N. Kuchin Izv. AN Kazakh SSR, Ser. med i fiziol no. 1.100-104 '61
Vectorcardiogram in mitral stenosis with pulmonary hypertension [with summary in English]. A. A. Popov. Kardiologiia 2 no. 2:29-38 Mr-Ap '62.

HYPERTENSION—CONGRESSES
Thirteenth scientific session of the Institute of Therapeutics of the Academy of Medical Sciences of the U.S.S.R. G. F. Perchikova. Kardiologiia 2 no. 2 91-94 Mr-Ap '62.

HYPERTHYROIDISM
Blood pressure reaction to the intra-arterial and intravenous administration of adrenaline in experimental hyper- and hypothyroidism. V. S. Sumbaev. Pat fiziol. i eksp. terap. 5 no. 6:57-58 N-D '61.
Effect of hyperthyroidism in pregnancy on the development of fetal spinal cord structures [with summary in English]. N G. Palenova. Biul. eksp. biol. i med 53 no. 4.111-115 Ap '62.
Exocrine function of the liver in experimental thyrotoxicosis [with summary in English]. M. G. Badrutdinov. Pat. fiziol. i eksp terap. 6 no. 6:18-52 N-D '61.
Sherosheyskii, N. A. [Thyrotoxicoses] Tireotoksikozy. Moskva, Medgiz, 1962. 114 p.
(DNLM)

HYPERVITAMINOSIS
Hypervitaminosis D in infants. L. M. Pliaskova, K. A. Sidorova. I G. Kozlovtseva. Pediatriia no. 4:81-86 '62.
Vitamin A in dermatology and hypervitaminosis A. F. A. Zverkova. Vest. derm. i ven. no. 6:10-17 '61.

HYPHOMYCETES
Aquatic Hyphomycetes species new to the U. S. S. R. [with summary in English]. I. O. Dudka. Ukr bot. zhur 19 no. 1 66-71 '62.

HYPOCHONDRIA
Rotshtein, G. A. [Hypochondriac schizophrenia] Ipokhondricheskaia shizofreniia. Pod red. A. V. Snezhnevskogo. Moskva, Gos. nauchno-issl. in-t psikhiatrii MZ RSFSR, 1961, 130 p.
(DNLM)

HYPOLEUCIA see Leucopenia

HYPOTENSION
Arterial hypotension. A. A. Tivanov. Vop. pat. krovi i krovoobr. no. 5:166-172 '59
Artificial hypotension in radical operations for tumors of the sigmoid and rectum. I. A. Frid. Vop. onk 8 no 4: 30-36 '62.
Diagnostic significance of duodenography of the duodenum in hypotension. N. I. Rybakova, M. M. Sal'man. Klin. med no. 2:107-111 '62.

HYPOTHALAMUS
Data on the histophysiology of the intermediate lobe of the hypophysis in connection with hypothalamic neurosecretion [with summary in English]. A. A. Voitkevich, E. L. Soboleva. Biul. eksp. biol i med. 3[i. e. 53] no.3 96-102 Mr '62.
Effect of the hypothalamic region on the dynamics of spinal reflexes in rabbits after total-body X-ray irradiation [with summary in English]. Z. M. Gvozdikova. Pat. fiziol. i eksp. terap. 5 no. 6:15-21 N-D '61.
Role of the injury of the vegetative control center in the failure of cardiovascular system under the influence of ionizing radiation. N. P. Smirnova. Radiobiologiia 2 no. 2:228-233 '62.

HYPOTHALAMUS—DISEASES
Pathogenesis of infectious hemorrhagic nephrosonephritis in an experimental lesion of the hypothalamus-hypophysial region. N. A. Levkova, G. V. Kustner. Arkh. pat, no. 4:13-18 '62.

HYPOTHERMIA
Conditions for the appearance of vasodilator effects in the vessels of the extremity during the stimulation of the sympathetic chain. Report No. 2 Vasomotor effects of stimulating the sympathetic chain in hypothermia [with summary in English] I. M Rodionov. Biul. eksp. biol. i med. 53 no 4:16-21 Ap '62.
Effect of hibernation and hypothermia on the course of hemotransfusion shock in an experiment [with summary in English]. K D. Eristavi, T. O Zhvania, G. IA. Odishvili Pat fiziol. i eksp terap 5 no. 6:30-33 N-D '61

HYSTERECTOMY
Results of surgery to remove the uterus and vagina in prolapse after our modification E Z Rabinovich Sbor. nauch rab. Kaf akush i gin. GMI no 1 230-232 '60

HYSTERESIS
Effect of annealing on repolarization of barium titanate monocrystals A. IU Kudzin, V. Shapovalov Fiz. tver tela 1 no 3 650-652 '62

HYSTERIA
Convulsive hysterical attacks. I. P Bobkov Trudy Inst klin i eksp. fiziol. AN Kazakh SSR no. 7 55-62 '61

IAKOVLEV, IVAN IAKOVLEVICH, 1848-1930
Spiridonov, S. S. [Philosophical and sociological views of I. IA. IAkovlev, a Chuvash progressive thinker] Filosofskie i sotsiologicheskie vozzreniia chuvashskogo prosvetitelia I. IA IAkovleva Moskva, Mosk. sel'khoz. akad. im K A Timiriazeva, 1961 60 p.

IAKUT, VSEVOLOD
After thirteen years E. Poliakova Teatr 23 no 5. 122-124 My '62

IAKZHIN, ALEKSANDR ANDREEVICH, 1907-1961
Aleksandr Andreevich IAkzhin, obituary. Sov. geol 5 no. 3:165-166 Mr '62

IBN al-DAWĀDĀRĪ, ABU BAKR IBN 'ABD ALLĀH, fl. 1309-1335
"The chronicle in Ibn al-Dawadari." Vol 6 Report on the Fatimides [in German] Reviewed by L. Semenova Nar Azii i Afr no. 2 241-245 '62

ICE
Investigation of the physical and mechanical properties of ice and compacted snow G. L. Karaban Sbor. nauch rab. AKKH no 3 3-18 '60

ICE AGE see also subdivision 'Glacial epoch' under Yenisey Valley

ICE-BREAKING VESSELS see subdivision under Arctic regions

ICE-CREAM FREEZERS
Savinovskii, N. G., and G. M. Dezent. [Continuous ice-cream freezers] Rezhim raboty frizera nepreryvnogo deistviia; nauchnoe soobshchenie. Moskva, Gos. izd-vo torg lit-ry, 1960. 17 p.

ICE-CREAM FREEZERS—MAINTENANCE AND REPAIR
Maintenance and repair of the pumping system of OFI ice-cream freezers with continuous action A. M. Kolodkin. Khol. tekh. 39 no. 2 42-43 Mr-Ap '62.

ICE CRYSTALS
Transformation of cloud drops into ice crystals. N. V. Glikl, A. A. Eliseev, N. M. Marchenko. Dokl. AN SSSR 143 no. 5:1087-1090 Ap '62.

ICE FISHING
Catch under the ice. V Bykov. Starsh. -serzh no. 2. 27 F '62.

ICE ON RIVERS, LAKES, ETC see subdivision under Bratsk Hydroelectric Power Station region

IC
E

I(
I

ILI VALLEY (KAZAKHSTAN)—LANDFORMS

Forms of sand reliefs in the lower part of the Ili Basin A V Popov. Uch zap Kazakh un 37 no 4 169-175 '58

ILIAC ARTERY—DISEASES

Method of vasography in occlusion of the iliac arteries. A. A. Moiseenko. Nov. khir. arkh. no. 3:49-53 '62.

IL'ICHEVSK—LONGSHOREMEN

Il'ichevsk longshoremen A. Gordeev. Mor. flot 22 no 4: 3-5 Ap '62.

ILLUMINATION OF BOOKS AND MANUSCRIPTS see subdivision under Armenia

ILLUSTRATION OF BOOKS

Illustrations in 18th and 19th century Russian works on the natural sciences G V. Aliamovskaia Kniga, issl i mat. 5 148-169 '61

Present-day Polish book illustration O. S. Ostrol Kniga: issl i mat 5:294-320 '61

Stylistic unity of literary work and illustration E. B. Adamov. Kniga, issl i mat 6,170-186 '61

ILMENITE see subdivision under West Siberian Plain

IMIPRAMINE

Histochemical changes in the reticular formation of the brain stem of animals under the influence of aminazine and imizine. IU. IA Geinisman. Trudy Inst. vys. nerv. deiat. Ser. patofiziol no. 9 168-173 '61.

IMMUNITY

Changes in the bactericidal function of the skin and absorptive capacity of the reticulo-endothelial system under the influence of vitamin B_{12} [with summary in English]. O. V. Bukhanin. Zhur. mikrobiol., epid. i immun. 33 no. 3 98-102 Mr '62.

Effect of preliminary irradiation on the resistance of immunized rabbits to infection with Salmonella typhimurium. B. M. Kurtser. Zdravookhranenie 5 no 1:46-49 Ja-F '62.

Immunity and vaccination. P. F. Zdrodovskii. Zdorov'e 8 no. 3, 2-3 Mr '62.

"Infection and immunobiological reactivity of the animal organism" by V. V. Nikol'skii. Reviewed by I P. Revenko, T. V. Gaidamaka. Veterinariia 38 no. 1 90-91 Ja '61.

Some results of studying the effect of small doses of ultraviolet rays on the protective-adaptive functions of the body. M. L. Koshkin. Gig. i san. 27 no. 3:70-76 Mr '62.

Study of the state of anti-influenzal immunity among the population of the city of Tashkent from 1956 to 1960. T S Il'ina, L M Mevzos, E. V Finogenova. Med. zhur. Uzb. no. 2, 11-17 F '62.

IMMUNOLOGY

"Immunology of leukemias" by V. A. Parnes. Reviewed by M. O. Raushenbakh. Pat. fiziol i eksp. terap. 5 no. 6: 85-86 N-D '61.

Ioffe, V. I. [Immunology of rheumatism] Immunologiia revmatizma. [Leningrad] Medgiz, 1962 355 p. (DNLM)

Sachkov, V. I. [Immunological methods of studying rheumatism and other collagen diseases] Immunologicheskie metody izucheniia revmatizma i drugikh kollagenovykh boleznei. Moskva, Medgiz, 1962. 181 p. (DNLM)

Use of molecular spectrum analysis in bacteriology and immunology. V. M. Vadimov Zhur. mikrobiol., epid. i immun. 33 no. 3 3-8 Mr '62.

IMPELLERS—ELECTROMECHANICAL ANALOGIES

Temperature fields of the composite rotor of a radial centripetal gas turbine operating under steady conditions. L. A. Kozdoba. Energomashinostroenie 8 no. 4:41-43, 45 Ap '62.

"Lecture course on pharmaceutical incompatibility [in Rumanian]" by N. Stancin, P. Ionescu-Stolan and A. Oparl Reviewed by E. M. Sheinbaum Apt. delo 11 no 1:89-90 Ja-F '62.

INDAN

Alkylation of 1,1,3-trimethyl-3-phenylindan by olefins in the presence of the $BF_3 \cdot H_3PO_4$ catalyst. S V. Zavgorodnii. Dokl. AN SSSR 143 no 5 1101-1104 Ap '62.

INDANCARBOXYLIC ACID

Stereochemistry of cyclic compounds Report No. 50 Oxidation of cis-syn-Δ^7-hydrindene-4,5-dicarboxylic acid anhydride. V. F Kucherov, E P Serebriakov. Izv. AN SSSR, Otd khim. nauk no 4:661-666 Ap '62

INDANDIONE

Polynuclear heterocyclic compounds Part 5 Addition of dimedon imines to 2-aryliden-1,3-indandiones E I Stankevich, G J Vanags Zhur. ob. khim 32 no 4 1146-1151 Ap '62

INDENE-COUMARONE RESINS

Preparation of indene-coumarone resins from pyrolysis products of petroleum stock. I. V. Rastanin and others. Plast massy no. 3-5 '62.

INDIA—AGRICULTURE—ECONOMIC ASPECTS

"Next step in village India", a study of land reforms and group dynamics [in English] by Baljit Singh Reviewed by A A Maslennikov Nar Azii i Afr no 2 205-210 '62

INDIA—ART INDUSTRIES

Indian ruga in the collections of the Museum of Anthropology and Ethnography B. IA Volchok Sbor muz ant. i etn. 20:114-124 '61.

INDIA—COMMERCE

Export problems of India [with English summary in appendix]. L. Vladimirskii. Vnesh. torg. 42 no. 5:19-24 '62.

INDIA—ECONOMIC ASSISTANCE, FOREIGN

"India and the West" [in English] by Barbara Ward. Reviewed by M. Konstantinov. Az. i Afr. seg. no. 4 62-63 Ap '62.

INDIA—ECONOMIC ASSISTANCE, RUSSIAN

Indian press on economic cooperation between India and the Soviet Union. Nov. vrem. 20 no. 23 8-10 Je '62.

INDIA—ECONOMIC POLICY

"India and the West" [in English] by Barbara Ward. Reviewed by M. Konstantinov. Az. i Afr. seg. no. 4: 62-63 Ap '62.

INDIA—ELECTIONS

India after the elections. Az. i Afr. seg. no. 4:12-13 Ap '62.

Third parliamentary elections in India Mezhdunar. zhizn' 9 no 5.151-152 My '62.

INDIA—HISTORY

Activities of the patriotic organizations of Indian emigrants in 1905-1917 A V Ratkov. Nar Azii i Afr no 2, 120-128 '62.

INDIA—MEDICINE

Three years in India. A. L. Libov. Zdorov'e 8 no 2: 25-26 F '62.

INDIA—MONOPOLIES

Two aspects of one class. Vl. Li. Az. i Afr. seg. no. 4: 6-9 Ap '62.

INDIA—PETROLEUM INDUSTRY

"Oil and the struggle of India for economic independence" by Iu. A. Ershov. Reviewed by T. Pokataeva. Vnesh torg. 42 no. 4:40-41 '62.

INDIA—PHYSICAL EDUCATION AND TRAINING

Meeting with yogis. V. Smolevskii. Starsh. -serzh. no. 3, 35 Mr '62

INDIA—RAILROADS—EMPLOYEES

In the struggle you learn a lot. Az. i Afr. seg. no. 4:30 Ap '62.

INDIA—TRADE UNIONS

In the struggle you learn a lot. Az. i Afr. seg. no. 4:30 Ap '62.

INDIAN OCEAN—OCEANOGRAPHIC RESEARCH

"Vitiaz'" in the Indian Ocean. P. L. Bezrukov. Kul't. i zhizn' 6 no. 2:18-19 '62.

INDIAN OCEAN—POLYZOA

Tropical bryozoan Adeona macrothyris Kirchenpauer as an indication of a strong current [with summary in English]. E. I. Androsova. Zool. zhur. 41 no. 4:626-627 Ap '62.

INDIANS—LAND TENURE

Materials of the Institute of Marxism-Leninism of the Central Committee of the CPSU, unpublished manuscripts of Karl Marx. Nar. Azii i Afr no 2:3-17 '62

INDIANS OF SOUTH AMERICA

Collections of the Czech explorer A. V. Frič in the Museum of Anthropology and Ethnography. E. V. Zibert. Sbor muz. ant. i etn. 20:125-143 '61.

INDIC PAINTING see Painting, Indic

INDICATORS AND TEST PAPERS

Quantitative chemical analysis with the use of paper Determination of microquantities of iodine, bromine, and chlorine ions in a mixture and in natural waters [with summary in English] N. Ganchev, K. Koev. Zhur. anal khim 17 no 2, 166-169 Mr-Ap '62.

INDICTMENTS

The bill of charges and its relation to judicial sentences. K. Evdokimov, V Strmovskii. Sov. iust. no. 6, 12-13 Mr '62.

INDIGESTION see Dyspepsia

INDIUM

Coprecipitation of traces of indium with basic copper salts from a copper nitrate solution and with zinc sulfide from a zinc sulfate solution V. T. Chuiko, N. P. Dilachenko Zhur neorg. khim 7 no 4:910-914 Ap '62

Remelting technological dusts of tin plants for the purpose of concentrating indium. V. A. Moshkina, V. V. Pokrovskii, D. I. Repkin. TSvet. met. 25 no. 4 81-83 Ap '62.

INDIUM—ANALYSIS

Complexometric titration of indium in the presence of 7-(1-naphthylazo)-8-hydroxyquinoline-5-sulfonic acid and 7-(4-sulfo-1-naphthylazo)-8-hydroxyquinoline-5-sulfonic acid as indicators A I Busev, L. L. Talipova Vest Mosk. un Ser 2 Khim. 17 no 2 63-67 Mr-Ap '62

Quantitative spectral determination of small amounts of germanium, indium, and thallium in silicate rocks [with summary in English] L. I. Pavlenko, Z. M. Davydova. Zhur. anal. khim. 17 no 2, 199-201 Mr-Ap '62.

INDIUM—SPECTRA

Spectrographic determination of indium, thallium, and tellurium in solutions during their recovery from by-products of the lead-zinc industry [with summary in English] I. G Udelevich, I. R. Sheipakova Zhur anal khim 17 no 2:171-179 Mr-Ap '62

INDIUM ARSENIDE—MAGNETIC PROPERTIES

Galvanomagnetic and thermomagnetic properties of p-indium arsenide N. V. Zotova, D N. Nasledov. Fiz. tver. tela 4 no 3:681-684 '62

INDIUM COMPOUNDS

Physicochemical characteristics of indium and gallium compounds with flavones [with summary in English]. E. P Shkinbot. Zhur anal khim. 17 no 2:166-169 Mr-Ap '62

INDIUM SULFATES

Indium sulfates. System $In_2(SO_4)_3 - H_2SO_4 - H_2O$. E. N. Deichman, G. V. Rodicheva, Zh. A. Britsyna Zhur neorg. khim. 7 no. 4:877-884 Ap '62

INDIVIDUALISM

Group feeling and individuality. G. Gak. Kul't. i zhizn' 6 no. 2:14-16 '62.

INDOCHINA—POLITICS AND GOVERNMENT

"Focus on Indochina" [in English], by Malcolm Salmon. Reviewed by L Sedov. Az. i Afr. seg. no. 4:59-60 Ap '62.

INDOLE

Alkylation of 2-methylindole with esters of aromatic sulfonic acids. I. I. Levkoev, A. IA. Baskirova. Zhur. prikl. khim. 35 no. 3:668-669 Mr '62.

Indole content in the blood and urine of psychiatric patients [with summary in French] R. A. Aleksanians, R. I. Agranovich. Zhur. nevr. i psikh 62 no. 1:108-113 '62.

Role of substitutents in the benzene ring of indole. Part 8. 1 Methylindole-5-aldehyde. A P. Terent'ev, Ge Ban-lun', M. N Preobrazhenskaia Zhur. ob. khim 32 no 4 1335-1336 Ap '62.

Vinylation of indole. M F. Shostakovskii and others Zhur. prikl khim. 35 no. 4, 915-917 Ap '62.

INDONESIA—FOLKLORE

Indonesian mosaic. V. Ostrovskii. Vokrug sveta no. 4: 54-56 Ap '62.

INDONESIA—PALM OIL

Manufacture of palm oil and palm kernel oil in Indonesia. IU. P. Matsku. Masl.-zhir. prom. 28 no. 3:43-45 Mr '62.

INDONESIA—POLITICS AND GOVERNMENT

Defenders of Noremi. T. Gaidar. Starsh. -serzh. no. 3: 28 Mr '62

INDONESIAN LITERATURE—HISTORY AND CRITICISM

Lenin and Indonesian literature V. V. Sikorskii Nar Azii i Afr. no. 2, 130-134 '62.

INDONESIAN PAINTINGS see Paintings, Indonesian

INDUCTION HEATING

Megahertz in a kitchen. V. Linis. Znan. sila 37 no. 3: 41-43 Mr '62.

Rapid gluing of bent chair parts in the electric field of high frequency currents I. A. Ogurok. Der. prom. 11 no 4:19-21 Ap '62.

Temperature measurement in polydisperse media during induction heating [with summary in English]. L. K. Vasanova, IU. N. Shimanskii, N. I. Syromiatnikov. Inzh.-fiz. zhur. 5 no. 4:82-86 Ap '62.

Using high-frequency currents and infrared rays for bakery and pastry products baking. G. D. Kaneman. Khleb. i kond. prom. 6 no. 4:43 Ap '62.

INDUCTION HEATING - HYGIENIC ASPECTS
Hygienic evaluation of the working conditions and the effectiveness of protective measures for the inductive heating of metal using lamp generators of high frequency [with summary in English] L. V. Nikonova, P. P. Fukalova Gig. truda i prof. zab. 6 no. 1 10-13 Ja '62

INDUCTION HEATING - PHYSIOLOGICAL EFFECT
Electromagnetic fields on industrial premises with high-frequency heating devices [with summary in English] F. I. Kulikovskaia, Iu. A. Ostpov Gig. truda i prof. zab. 4 no. 6 1-6 Je '60

INDUSTRIAL ACCIDENTS
Liability for personal injuries caused by industrial accidents. P. Sedugin Sov. fin. no. 5:2-4 My '62
Talking with eyewitnesses. N. IAblokov. Okhr. truda i sotsstrakh. 5 no. 4:14-15 Ap '62

INDUSTRIAL BUILDINGS - FIRE AND FIRE PREVENTION
Fire extinction on large surfaces of combustible roofing. G. Patnella. Pozh. delo 8 no. 4:16-18 Ap '62.

INDUSTRIAL COSTS see Costs, Industrial

INDUSTRIAL DESIGN see Design, Industrial

INDUSTRIAL DISEASES see Occupational diseases

INDUSTRIAL EFFICIENCY see Efficiency, Industrial

INDUSTRIAL ELECTRIC TRUCKS
Dump body for TKP-750 electric industrial trucks. M. G. Dik. Khol. tekh. 39 no. 2:40-42 Mr Ap '62

INDUSTRIAL EQUIPMENT see subdivision under Tallinn

INDUSTRIAL EQUIPMENT - TECHNOLOGICAL INNOVATIONS see subdivision under Nizhniy Tagil

INDUSTRIAL HYGIENE
(see also subdivision under Baku; Czechoslovakia, Ukraine)
Attention, new workshops are put into operation. P. Fomakov. Okhr. truda i sots. strakh. 5 no. 4:11-12 Ap '62
Babunov, G. P. [Safety measures and labor hygiene in the enamel shops of lacquer and paint factories] Tekhnika bezopasnosti i gigiena truda v emalevykh tsekhakh lakokrasochnykh zavodov. Moskva, Goskhimizdat, 1961. 31 p. (Pamiatka po tekhnike bezopasnosti)
Brief news. Gig. truda i prof. zab. 4 no. 4,61-62 Ap '60.
Brief news. Gig. truda i prof. zab. 4 no. 6:62-64 Je '60
Brief news. Gig. truda i prof. zab. 6 no. 3:61 Mr '62.
Closer to the demands of our day. IA. Kiselev. Okhr. truda i sots. strakh. 5 no. 3:14-15 Mr '62
History of statistical research on the morbidity of factory workers. P. I. Loshkina Gig. truda i prof. zab. 4 no. 8:39-42 Je '60.
Hygienic evaluation of the visual working conditions for inspectors of prepared urea and vacuum [with summary in English]. L. I. Gerch, N. I. Yuz. Gig. truda i prof. zab. 6 no. 3:17-20 Mr '62
If they make a common effort ... Okhr. truda i sots. strakh. 5 no. 3:36-37 Mr '62.
Let's provide workers with excellent conditions of labor. Okhr. truda i sots. strakh. 5 no. 4:4-6 Ap '62.
Meeting devoted to the results of the work of the Leningrad Research Institute on Industrial Hygiene and Occupational Diseases for 1959-1960. Ill. A. Agashin and others. Gig. i san. 26 no. 8:110-111 Ag '61.
One year later. Zdorov'e 8 no. 4:20 Ap '62.
Physiologic-hygienic study of the spring-back netting during a change in the conditions for testing a pneumatic hammer [with summary in English]. Z. M. Butkovskaia and others. Gig. truda i prof. zab. no. 1:8-14 '62
Problems of industrial hygiene in the production of silicon organic compounds [with summary in English]. O. N. Syrovadko. Gig. truda i prof. zab. no. 1:24-26 '62.
Regulation of the Presidium of the All-Union Central Council of Trade Unions. Okhr. truda i sots. strakh. 5 no. 3:37 Mr '62.
Russia (1923- U.S.S.R.) Glavnoe upravlenie puti i sooruzhenii. [Regulations on safety measures and industrial sanitation in the performance of operations of protective tree planting on railroads] Pravila po tekhnike bezopasnosti i proizvodstvennoi sanitarii pri proizvodstve rabot po zashchitnym lesnym nasazhdeniiam na zheleznodorozhnom transporte (TsP 2124). Moskva, Transzheldorizdat, 1961. 63 p.
Russia (1923- U.S.S.R.) Glavnoe upravlenie puti i sooruzhenii. [Regulations on safety measures and industrial sanitation in the performance of track work (TsP 2063)] Pravila po tekhnike bezopasnosti i proizvodstvennoi sanitarii pri proizvodstve rabot v putevom khoziaistve (TsP 2063). Moskva, Transzheldorizdat, 1962. 153 p.
Use of "biological-gloves" in industrial plants in the Moscow and Leningrad Districts of Leningrad. I. G. Shapiro, V. IA. Kutsenkov. Vest. derm. i ven. no. 6:57-59 '61.
Variation in the physiological indicators of work. IU. M. Chernetskii. Trud. i prakt. fiz. kul't. 26 no. 4:55-58 Ap '62.
Work and health of school children. L. A. Leonova. Zdorov'e 8 no. 4:19-20 Ap '62.
Your duties and rights. Okhr. truda i sots. strakh. 5 no. 3:38-39 Mr '62.

INDUSTRIAL HYGIENE—CONGRESSES
Brief news and information. Gig. i san. 27 no. 3:123-124 Mr '62.
The 50th anniversary of the 2d All-Russian Congress of Factory Physicians (1911-1961). G. A. Beilikhis Gig. i san. 26 no. 5:37-41 My '61
For industrial safety and the improvement of sanitary work conditions. N. Kalinina Sots. trud 7 no. 1:114-146 Ja '62
Theoretical and practical conference on problems of industrial hygiene. I. G. Gusilin, A. V. Velichkovskii. Gig. truda i prof. zab. 4 no. 3:57-58 Mr '60.

INDUSTRIAL HYGIENE—LAW AND LEGISLATION
Sanitary regulations for organizing technological processes and sanitary-hygienic requirements for industrial equipment (continuation). Gig. i san. 27 no. 3:111-122 Mr '62.

INDUSTRIAL HYGIENE—PERIODICALS
Readers' conference by correspondence. L. Kovtun, A. Sechenov Okhr. truda i sots. strakh. 5 no. 4:31 Ap '62
Readers conference by correspondence. V. Shadrin, V. Nechaev, F. IAtsenko Okhr. truda i sots. strakh. 5 no. 3:27 Mr '62.

INDUSTRIAL MANAGEMENT
(see also subdivision under Abkhazia; Europe, Eastern; Kiev; Krivoy Rog; Moscow; Omsk Province; Riga; Uzbekistan)
Analytical work of the State Bank branches. S. Baturin, I. Litinov. Den. i kred. 20 no. 4:39-40 Ap '62
Bitman, A. M. [Why the worker should know the economics of his enterprise] Pochemu rabochemu nuzhno znat' ekonomiku svoego predpriiatiia. Moskva, Gos. izd-vo polit. lit-ry, 1961. 62 p.
Competition of red directors. N. V. Antakhova (Pliatkanta). Sov. pech. no. 3:29-31 Mr '62.
"Economic analysis of the work of an enterprise" by A. Sh. Margulis. Book review. Bukhg. uchet 19 no. 3:66-72 Mr '62.
Economic analysis performed by volunteers. A. Sheremet. Bukhg. uchet 19 no. 1:11-13 Ap '62.
Economic work performed on a volunteer basis. P. Khorikov, G. Tatarnikov. Den. i kred. 20 no. 4:61-66 Ap '62
How we develop the democratic principles of industrial management. V. Prokhorov. Kommunist 39 no. 6:79-85 My '62.
Planning production and the role of State Bank branches. S. Verbitskii. Den. i kred. 30 no. 1:3-20 Ap '62.
Reorganization of industrial management and the objectives of technical information and its dissemination. V. V. Kuz'min. Av. prom. 26 no. 8:110-111 Ag '61.
Review of newspapers. Bukhg. uchet 19 no. 4:64-69 Ap '62
[Role of the party in managerial work] O partiinosti v khoziaistvennoi rabote. Moskva, Gos. izd-vo polit. lit-ry, 1962. 237 p.
Thriftiness is a distinctive trait of Communists. V. Gorbunov. Agitator no. 10:60-62 My '62.
Polstykh, A. S. [Organization and establishing work norms in an industrial enterprise] Organizatsiia i tekhnicheskoe normirovanie truda na promyshlennom predpriiatii. Moskva, Izd-vo ekon. lit-ry, 1962. 60 p. (Ekonomicheskoe samoobrazovanie)
Utilize potentials for increasing accumulations more fully. M. Ponomar'. Den. i kred. 20 no. 4:21-26 Ap '62.
Ways to improve work on state revenue. A. Krivenko Fin. SSSR 23 no. 4:8-16 Ap '62.
We should improve the planning of our national economy. A. Zavitaikov. Konom. Bol. 30 no. 4:31-36 Ap '62.

INDUSTRIAL MEDICINE see Medicine, Industrial

INDUSTRIAL MUSEUMS see subdivision under Moscow

INDUSTRIAL OPHTHALMOLOGY
Zagora, Edward. [Industrial ophthalmology. Translated from the Polish] Promyshlennaia oftal'mologiia. Pod red. N. M. Dantsiga. Moskva, Medgiz, 1961. 305 p. (DNLM)

INDUSTRIAL ORGANIZATION
New work organization for the Sormovo shipbuilders. V. Safonov. Rech. transp. 21 no. 4:29-30 Ap '62.
Shuntrov, D. N., and A. I. Sukolenov. [Modern methods of work organization in river transportation] Sovremennye metody organizatsii raboty rechnogo transporta. Moskva, Izd-vo "Rechnoi transport," 1961. 68 p.

INDUSTRIAL PAINTING see Painting, Industrial

INDUSTRIAL PROCUREMENT
(see also subdivision under Donetsk Province; Kazakhstan)
We should improve the legal forms of industrial procurement. I. Tanchuk. Sov. fin. no. 6:4-6 Mr '62.

INDUSTRIAL PSYCHOLOGY see Psychology, Industrial

INDUSTRIAL RADIOLOGY see Radiology, Industrial

INDUSTRIAL RAILROADS see Railroads, Industrial

INDUSTRIAL RELATIONS
The only reward. . T. Smirnova Moskva 6 no. 1 166-167 '62

INDUSTRIAL REPORTS
Characteristics of the analysis of the consolidated reports of industrial trusts. V. Krylov Bukhg. uchet 19 no. 3:23-28 Mr '62.

INDUSTRIAL RESEARCH see Research, Industrial

INDUSTRIAL SAFETY
(see also subdivision under Georgia; Kuybyshev Province)
Economic importance of measures for sanitation and labor safety. Z. I. Izrailtian. Gig. truda i prof. zab. 4 no. 3:61-62 Mr '60.
Technical information. V. Denisova and others. Okhr. truda i sots. strakh. 5 no. 4:32-35 Ap '62.
We are providing for safety. P. A. Batunin, R. P. Zhukov, Put' i put. khoz. 6 no. 5:44 '62.

INDUSTRIAL SAFETY—LAW AND LEGISLATION
Kiselev, IA. L. [Industrial safety according to Soviet labor law] Okhrana truda po sovetskomu trudovomu pravu. Moskva, Gos. izd-vo iurid. lit-ry, 1962. 222 p.
We should improve the investigation of the criminal violation of industrial safety rules. M. Samalev, I. Ianovenko. Rad. pravo no. 2:71-76 Mr-Ap '62

INDUSTRIAL SAFETY EDUCATION see Safety education, Industrial

INDUSTRIAL TOXICOLOGY
Calculation method for establishing approximately the maximum permissible concentration of organic substances in the atmosphere of industrial premises [with summary in English] A. A. Golubev, F. I. Lublina Gig. truda i prof. zab. no. 4 26-32 '62
Inclusion of cysteine S^{35} into liver and blood serum proteins in toxic hepatitis produced by the action of some chemical substances used in industry [with summary in English]. P. G. Garkavi Biul. eksp. biol. i med. 53[i.e. 53] no. 3 50-52 Mr '62.

INDUSTRIAL WASTES
Influence of waste waters from shale processing on open reservoirs. I. A. Veldre. Gig. i san. 26 no. 5:98-100 My '61

INDUSTRY—ABSTRACTS
[Economics of industry] Ref. sbor.: Ekon. prom. nos. 4-5 Ap-My '62

INEQUALITIES (MATHEMATICS)
Integral inequalities. Part 1. N. V. Azbelev, P. B. Tsalyuk Mat. sbor. 56 no. 3:325-342 Mr '62.
Iterative method for Chebyshev approximations of incompatible systems of linear inequalities. I. I. Eremin. Dokl. AN SSSR 143 no. 6:1254-1256 Ap '62.
Solution of certain matrix inequalities in the theory of automatic control. V. A. IAkubovich. Dokl. AN SSSR 143 no. 6:1304-1307 Ap '62.

INERTIA
He used inertia and increased the speed. V. Ivanov. Starsh. -serzh. no. 1:20 Ja '62

INFANT WELFARE see Maternal and infant welfare

INFANTICIDE
A mark on a newspaper. A. Zharkin. Sots. zakon. 30 no. 3:71-72 Mr '62.

INFANTILE CONJUNCTIVITIS see Conjunctivitis, Infantile

INFANTILE PARALYSIS see Poliomyelitis

INFANTS—DISEASES
Excretion of 17-ketosteroids in some diseases in infants. K. P. Stepanova. Pediatriia no. 4:19-23 '62.
Some mistakes in the diagnosis of parenteral dyspepsias. A. O. IEremenko. Ped., akush. i gin. 23 no. 3:9-11 '61.

INFANTS—NUTRITION
For our children. M. Soboleva, F. Bondareva. Sov. potreb. koop. 6 no. 4:55-58 Ap '62.
Nutrition of babies in the home. M. N. Nehyiova-Lukianchikova. Med. sestra 21 no. 4:7-16 Ap '62

INFANTS (NEWBORN)—DISEASES
Case of multiple perforation of the stomach as a result of phlegmon in a newborn infant. N. S. Gerasimenko Nov. khir. arkh. no. 3:81 '62
Congenital defects in newborn infants. H. A. Koval'chuk. Ped., akush. i gin. 23 no. 3:3 of cover '61.
Disorder of cerebral circulation in newborn infants depending on the state of health of the gravida and the course of labor, its prevention and treatment. A. N. Korolev. Sbor. nauch. rab. Kaf. akush. i gin. GMI no. 1: 120-123 '60.
Two cases of measles in newborn infants and puerperae. A. I. Lokai. Ped., akush. i gin. 23 no. 6:60-61 '61.

INFANTS (NEWBORN)—GROWTH
"Hypotrophy of newborn infants"; clinical-etiological observations. D. M. Fateeva, V. V. Lebedinskaia. Pediatriia no. 4:3-8 '62.

INFANTS (NEWBORN)—MORTALITY see subdivision under Gorkiy

INFANTS (PREMATURE)
One out of many. Zdorov'e 8 no.3 7 Mr '62.
Triumph of life. D.Orlova Zdorov'e 8 no.3:6-8 Mr '62.
Use of iodine preparations in treating prematurity in women in a focus of endemic goiter. O. H. Petrash Ped. akush. i gin 23 no.3:37-38 '61.

INFECTION, FOCAL see Focal infection

INFECTIOUS ANEMIA
"Swamp fever" by M. V. Zemskov. Reviewed by K. N. Tokarevich Sov med. 25 no 1:153-154 Ja '62

INFINITESIMAL TRANSFORMATIONS see Transformations, Infinitesimal

INFLAMMATION
Characteristics of inflammatory manifestations accompanying the development of cancer of various localizations. D. M. Shanov. Izv AN Kazakh SSR Ser. med. i fiziol. no 2:86-95 '61
Method for producing standard aseptic inflammation. V. B. Rozen. Pat. fiziol. i eksp. terap. 5 no. 6:72-73 N-D '62
Total protein and protein fractions in the blood serum in some acute surgical diseases of the organs of the abdominal cavity of an inflammatory nature. S. A. Karpiuk. Nov. khir. arkh. no. 3:65-70 '62.

INFLUENZA
(see also subdivision under Kharkov; Tashkent)
Alkaline phosphatase in the blood of proteins with A_2 viral influenza. I. K. Musabaev, D. M. Guseva Med. zhur. Uzb. no. 2, 9-11 F '62.
Influenza and its complications. E. S. Ketiladze. Zdorov'e 8 no 3:30 Mr '62.
Some unsolved problems of influenzal infection from the aspect of the epidemic of influenza in 1957 and 1959. A. L. Katsenovich and others. Med. zhur. Uzb. no. 2:3-8 F '62.

INFLUENZA—MICROBIOLOGY
Biological characteristics of influenza virus in ducklings. P. P. TSimokh. Vlasyk sil'hosp nauky 5 no. 3:85-90 Mr '62.

INFLUENZA RESEARCH
New developments in the struggle against grippe. V. Ritova Okhr. truda i sots. strakh 5 no. 4 29-30 Ap '62

INFORMATION THEORY
Bibliography. Elektrosviaz' 16 no. 4, 76-80, p. 3 of cover Ap '62
Coding by means of automatons with finite internal memory. IU. V. Glebskii. Prob. kib. no. 7, 127-150 '62.
Interference rejection and carrying capacity of a five digit code with phase-impulse modulation. V. I. Kulia. Izv. vys. ucheb. zav., radiotekh. 4 no. 6 731-733 N-D '61.
Optimum discretization of multidimensional communications. E. L. Blokh, N. K. Ignat'ev. Izv. vys. ucheb. zav., radiotekh. 4 no. 6:602-609 N-D '61
Optimum discretization of two-dimensional communications. N. K. Ignat'ev. Izv. vys. ucheb. zav., radiotekh. 4 no. 6 684-691 N-D '61
Possible methods for effective coding of binary sequences. D. A. Novik. Elektrosviaz' 16 no. 4:64-69 Ap '62.
Problem concerning the evaluation of the length of disjunctive dead end normal forms. S. V. IAblonskii. Prob. kib. no 7:220-230 '62.
Unreliability of the evaluation of the parameter of a radio signal with random initial phase during optimum reception with normal noise. E. I. Kulikov. Radiotekh. i My '62.

INFUSORIA
(see also subdivision under Erivan)
Characteristics of the course of general anesthesia in Spirostomum ambiguum L. N. Seravin TSitologiia 4 no 1 52-58 Ja-F '62.

INGOTS, BRONZE see Bronze ingots

INGOTS, NONFERROUS see Nonferrous ingots

INHERITANCE AND SUCCESSION
Answering our readers' questions Sov. iust no 5:30-31 Mr '62.
Inheritance rights according to the "Basic Principles of the Civil Law of the U. S. S. R. and the Union Republics." B. S. Antimonov. Sov. gos. i pravo 32 no. 5:83-91 My '62.

INHIBITION (CHEMISTRY)
Changes with time in the concentration of aqueous solutions of volatile inhibitors G. B. Rotmistrova, N. I. Kuznetsova Uch. zap. MGPI no. 146:224-227 '60.
Effect of organic activating and retarding agents on the corrosion of metals by hydrochloric acid in narrow interstices. IU. I. Sorokin, Kh. L. TSeitlin Zhur. prikl. khim. 35 no. 3 573-576 Mr '62.
Effect of organic inhibitors on the electrode potential of steel S. A. Balezin, E. V. Bogatyreva. Uch. zap. MGPI no. 116 159-169 '60
Effect of poly(vinyl chloride) decomposition inhibitors on the kinetics of decomposition and lightfastness of poly(vinyl chloride) plastic materials. Z. V. Popova and others. Plast. massy no 5:3-6 '62.
Inhibitor-containing coatings, their preparation and results of their testing. S. A. Balezin. Uch. zap. MGPI no 146 5-24 '60
Organic inhibitors of the corrosion of titanium in sulfuric acid. A. P. Brynza, L. I. Gerasimtina. Zhur. prikl. khim. 35 no. 3 683-685 Mr '62
Protection of pulp extractors with inhibitor containing coatings G. B. Rotmistrova, S. A. Balezin, N. I. Kuznetsova. Uch. zap. MGPI no 146 217-223 '60

INJECTIONS
Development of foci of extramedullary hematopoiesis at the sites of tissue injury in leukemias [with summary in English]. A. K. Ageev Arkh. pat. no. 8:50-55 '61

INJECTIONS—EQUIPMENT AND SUPPLIES
Device for the automatic intravenous infusion of solutions at a constant rate. V. A. Pavlik. Farm. i toks. 25 no. 1:120-121 Ja-F '62.

INJECTIONS, INTRAVENOUS
Administration of strophanthin by electrophoresis and intravenous drip in diseases of the cardiovascular system. T. V. Gavriliuk. Vop. pat. krovi i krovoobr. no. 5: 126-130 '59.
Intravenous drip administration of strophanthin in coronary insufficiency. V. M. Labutin. Vop. pat. krovi i krovoobr. no. 5:119-125 '59

INLAND NAVIGATION
High-speed irreversible engines for inland navigation ships. M. Brezhnev, B. Kelim. Rech. transp. 21 no. 4: 19-23 Ap '62.

INLAND WATER TRANSPORTATION
(see also subdivision under Bratsk Reservoir; Siberia; Ukraine; Volga River)
All efforts of scientists and users must be devoted to solving the problems facing inland water transportation. A. Nikolaev. Rech. transp. 21 no. 3:2-5 Mr '62.
Arsen'ev, S. P. [Prospective types of river transportation vessels] Perspektivnyo tipy rechnykh transportnykh [illegible] zd-vo "Rechnoi transport," 1962.
[illegible]r transportation workers. 4 Ap '62
[illegible]istry of the River Fleet. Rech. Mr '62.
[illegible]river fleet operations. [illegible]isp. 21 no. 4:5-9 Ap '62.
[illegible]ukolenov. [Modern methods [illegible]ver transportation] Sovremen[illegible]aboty rechnogo transporta. transport," 1961. 88 p.
[illegible]machines in river transporta[illegible]ransp. 21 no. 4:17-18 Ap '62.

[illegible]TATION—ACCOUNTING
[illegible]g. [Accounting and the analysis [illegible]portation] Bukhgalterskii rechnom transporte. Red. [illegible]zd-vo "Rechnoi transport,"

[illegible]TATION—EMPLOYEES
[illegible] life are getting closer. 21 no. 4:13-16 Ap '62.
[illegible]n in the river fleet. Rech. [illegible]p '62.

[illegible]TATION—LAW AND LEGIS-

[illegible] for the transportation of [illegible]v. Sov. iust. no. 6:22-23

INLAND WATER TRANSPORTATION—TECHNOLOGICAL INNOVATIONS
Research being done by students. B. Borodkin. Rech. transp. 21 no. 4, 16-17 Ap '62.

INOCULATION see Vaccination

INORGANIC CHEMISTRY see Chemistry, Inorganic

INPUT-OUTPUT ANALYSIS see Linear programming

INQUISITIVENESS see Curiosity

INSCRIPTIONS, ARABIC see subdivision under Caucasus, Northern

INSCRIPTIONS, GREEK
More about a Greek inscription from Tigranocerta. G. Kh. Sarkisian Ist.-filol. zhur. no 1 226-231 '62

INSECT BAITS AND REPELLENTS
Polychloropinene emulsion for the protection of animals against bloodsucking insects. K. P. Andreev, I. A. Zakamyrdin. Veterinariia 37 no. 8:78-83 Ag '60.

INSECTICIDES
The new insecticide and acaricide chlorpin. M. G. Khatin, V. N. Diadechko. Veterinariia 37 no. 10:65-68 O '60.
New methods for controlling fruit culture pests. V. M. Kadykova, N. I. Riabtseva, P. M. Stepanov. Trudy Inst. sad. AN Tadzh. SSR 2, 29-38 '60.
Vashkov, V. I., and E. V. Shnaidr. [Chlorophos (dipterex); insecticidal properties and uses] Khlorofos; insektitsidnye svoistva i primenenie. Moskva, Medgiz, 1962. 181 p.

INSECTS
(see also subdivision under Irkutsk; Timan Ridge; Turkmenistan)
Insect associations of the nest of the lesser suslik (Citellus pygmaeus Pall) in West Kazakhstan [with summary in English] E. N. Nel'zina, S. I. Medvedev. Zool. zhur. 41 no 2 217-220 F '62.
Parthenogenesis of insects. V. V. IAkhontov. Uzb. biol. zhur. 6 no. 2:56-63 '62.

INSECTS—CLASSIFICATION
General classification of insects G. IA. Bei-Bienko. Ent. oboz. 41 no. 1, 6-21 '62

INSECTS—PARASITES see Parasites—Insects

INSECTS, AQUATIC
Accumulation of radioactive isotopes by some aquatic insects. A. B. Getsova, G. A. Volkova. Ent. oboz. 41 no. 1:109-124 '62.

INSECTS, FOSSIL
Larvae of Ephemeropsis trisetalis Eichwald (Insecta) N. P. Meshkova Paleont. zhur no. 4:164-168 '61.

INSECTS, INJURIOUS AND BENEFICIAL
Molev, E. V. [Bloodsucking insects and ticks harmful to animals] Krovososni komakhy i klishchi tvaryn. Kyiv, Derzh. vyd-vo sil'skohospodars'koi lit-ry URSR, 1959. 64 p. (DA)

INSECTS, INJURIOUS AND BENEFICIAL—BIOLOGICAL CONTROL
Experiments in testing new media for bacterial cultures used in the control of injurious rodents and insects. M. I. Prokhorov, L. A. Simonova. Trudy Vses. inst. sel'khoz. mikrobiol. no. 14:333-343 '58.

INSECTS, INJURIOUS AND BENEFICIAL—PHYSIOLOGY
"How DDT acts upon insects" by N. B. Il'inskaia. Reviewed by IU. M. Olenov. Ent. oboz. 41 no. 1:245 '62.

INSECTS AS CARRIERS OF DISEASE
Tent caterpillars Dendrolimus sibiricus Tschtv. (Lepidoptera, Lasiocampidae) as carriers of Bacillus dendrolimus [with summary in English]. E. V. Tatsiaev. Ent. oboz. 41 no. 1:54-64 '62.

INSECTS AS CARRIERS OF PLANT DISEASES
Insects as carriers of phytopathogenic viruses [with summary in English]. G. M. Razviazkina. Zool. zhur. 41 no. 4:481-490 Ap '62.

INSENSIBILITY see Loss of consciousness

IN-SERVICE TRAINING see Employees, Training of

INSTRUMENT INDUSTRY
Planning system for complete set production. A. G. Berman. Av. prom. 26 no. 8:69-74 '57.

INSTRUMENT INDUSTRY—EQUIPMENT AND SUPPLIES
Borisov, V. I., comp. [Special and basic equipment of mechanical assembly shops in instrument plants] Nestandartnoe oborudovanie i orgosnastka mekhanicheskikh sborochnykh tsekhov priborostroitel'nykh zavodov. Moskva, Otdel nauchno-tekhn. informatsii, 1959. 158 p. [MICROFILM]

INSTRUMENT INDUSTRY—SAFETY REGULATIONS
Safety regulations and improvement of working conditions. Priborostroenie no. 3:29 Mr '62.

INSTRUMENT INDUSTRY—TECHNOLOGICAL INNOVATIONS

Results of the work and the objectives of the Scientific Technological Society of the Instrument Industry. A.N. Gavrilov Priborostroenie no.4 1-3 Ap '62.

INSTRUMENT MANUFACTURE

From factory newspapers. Av.prom. 26 no.8:114-115 Ag '57.

Increasing engineering efficiency of parts and units in instrument manufacture. N.P Rabinovich. Av prom. 26 no.8:7-10 '57.

Using heat-resistant materials in instrument manufacture. B.A. Bobyshev, V.D.Rodkin. Av.prom 26 no.8:65-68 '57.

INSTRUMENTS

Increasing the reliability of machinery and instruments. IU. Sushkov. Izobr i rats. no.4:15-16 Ap '62

Instruments and devices designed by the All-Union Research and Experimental Institute of Control and Measuring Instruments for the Food Industry R IA.Kelmakh V. I. Kudriavtsev Mekh. i avtom. proizv 16 no. 1: 35-38 Ap '62.

INSTRUMENTS—BIBLIOGRAPHY see Bibliography—Instruments

INSTRUMENTS—DESIGN AND CONSTRUCTION

Nesterenko, A. D., and P. P. Ornatskii. [Parts and units of instruments, design and construction] Detali i uzly priborov; raschet i konstruirovanie. Izd. 2., ispr. i dop. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1961. 425 p.

INSTRUMENTS—TECHNOLOGICAL INNOVATIONS

Lachugin, P. A. [Each instrument should be highly reliable] Kazhdomu priboru - vysokuiu nadezhnost. [Moskva] Mosk. rabochii, 1962. 42 p. (Vysokoe kachestvo, nadezhnost', dolgovechnost')

INSTRUMENTS, ELECTRIC see Electric instruments

INSTRUMENTS, MEASURING see Measuring instruments

INSTRUMENTS, MUSICAL see Musical instruments

INSTRUMENTS, PHYSICAL see Physical instruments

INSTRUMENTS, NAUTICAL see Nautical instruments

INSULATING MATERIALS

"Technology of heat insulating materials" by V.A. Kitaitsev. Reviewed by G.L.Dibrov, G.I.Knigina, G.V. Zavadskii. Izv.vys.ucheb.zav., stroi.i arkhit. 6 no.1:208-211 '62.

Using organosilicon compounds to impart hydrophobic properties to heat-insulating materials made from expanded perlite sand E. A. Laskaia, M. G. Voronkov. Zhur. prikl. khim. 35 no.3:612-617 Mr '62

INSULATING OILS

(see also subdivision under Baku)

Advanced stage of drying of transformer oils by the adsorption method. N.V.Kel'tsev, B.G.Nazarov, N.S. Torocheshnikov. Khim.i tekh.topl.i masel 7 no.4:21-24 Ap '62.

Highly active adsorbent for the regeneration of oils used in power engineering. V. S. Komarov, N. F. Ermolenko. Dokl. AN BSSR 6 no.4:228-232 Ap '62.

INSULATION (HEAT)

Economic effectiveness of using insulation in outer elements of buildings. L. IUrgenson. Ekon. stroi. no 1: 25-29 Ja '62

INSULIN

Effect of hormonal factors on the blood sugar level in lower monkeys [with summary in English] IU.P.Butnov Biul. eksp. biol i med 3[1 e. 53] no. 3 46-50 Mr '62.

Effect of repeated instillations of insulin into the conjunctival sac on the course of alloxan diabetes [with summary in English]. I.M.Sokolovetova and others. Biul.eksp.biol.i med. 53 no.4:64-66 Ap '62.

INSULIN SHOCK

Lactic acid content in chicken embryo muscles in insulin hypoglycemia [with summary in English]. L. G. Leibson and others. Biul. eksp. biol. i med 3[1. e. 53] no. 3 39-43 Mr '62.

INSURANCE see subdivision under Smolensk Province

INSURANCE, ACCIDENT

Aid payments while undergroing prosthesis. K. Stepanov. Okhr. truda i sots. strakh. 5 no. 4:38 Ap '62.

INSURANCE, AGRICULTURAL—LIVESTOCK

Procedure for handing in decisions accompanying the statements of the Main Administration of State Insurance of the U. S. S. R. in cases of the death of insured animals. Veterinariia 37 no.12:80-81 D '60.

INSURANCE, LIFE—DISABILITY BENEFITS

Recent legislative enactments. Rad. pravo no. 2.124-125 Mr-Ap '62.

INSURANCE, SOCIAL

(see also subdivision under Chukotka; Lipetsk Province; Poland; Tatar A. S. S. R.; Ul'yanov Province; United States; Volgograd; Volgograd Province; Vologda Province)

Budget of state social insurance for 1962. Okhr. truda i sots. strakh. 5 no. 3:43 Mr '62.

Community participation Sots obesp 23 no 5 1-1 My '62

Consultation on problems of labor law and social insurance Razved. i ekh. nedr 28 no 3 53-54 Mr '62

Our tasks. L. Lykova Sots obesp 23 no 1-1-5 Ap '62

"Pravda" and the campaign for social insurance, 1912-1914. L.A. Portiankin. Vop. ist. KPSS 6 no.2 95-105 '62.

Regulations concerning the insurance delegates Okhr. truda i sots strakh 5 no 3 5-6 Mr '62

Regulations of the social insurance commission Okhr truda i sots strakh 5 no. 3:4-5 Mr '62.

INSURANCE, SOCIAL—AUDITING AND INSPECTION

Keep strictly within the limits of your budget IA Kuvshinov Okhr. truda i sots strakh. 5 no 3 12-13 Mr '62

INSURANCE, SOCIAL—CONGRESSES

Fourteenth General Assembly of the International Social Insurance Association Sots obesp 23 no 5 61-63 My '62

INSURANCE, SOCIAL—EMPLOYEES

(see also subdivision under Kolomna, Smolensk)

Conversation by permission. S. Smirnov Sots obesp. 23 no 1,30-31 Ap '62

Generous heart. I. Davydova. Sots obesp. 23 no 4: 50-51 Ap '62.

People respect her Z. Buchinina. Sots obesp 23 no. 4:49-50 Ap '62

Why was a minister removed? E Belkina. Sots obesp 23 no 4:52-53 Ap '62

INSURANCE, SOCIAL—PERIODICALS

Nonstaff contributors to a periodical Sots obesp. 23 no. 5:6-8 My '62

INTEGRAL EQUATIONS

Characteristic numbers in a certain class of integral equations. B. S. Zhanbyrbaev. Izv. AN Uz. SSR. Ser. fiz. -mat. nauk 6 no 1:81-82 '62.

Hilbert-Schmidt's theory for integral and integrodifferential equations with nonsymmetric kernels. S. IA IAkubov. Izv. AN Azerb. SSR. Ser. fiz. -mat i tekh nauk no. 1: 35-45 '62.

Kabulov, V. K. [Integral equations of the equilibrium type and their application to the dynamic design of rods and beams] Integral'nye uravneniia tipa balansa i ikh primenenie k dinamicheskomu raschetu sterzhnei i balok. Tashkent, Izd-vo Akad. nauk Uzbekskoi SSR, 1961. 185 p.

Kim Che-pyong. [Successive approximations for a certain type of singular integral equation in L^2 space] Posledovatel'nye priblizheniia dlia odnogo vida sistem singuliarnykh integral'nykh uravnenii v L^2. Dubna, Ob"edinennyi in-t iadernykh issledovanii, 1962. 10 p.

Study of a certain class of nonlinear loaded integral equations with various parameters. K. A. Nadzhafov. Izv. AN Azerb. SSR. Ser. fiz. -mat. i tekh. nauk no. 1.29-34 '62.

Systems of integral equations with almost difference operators. L S Rakovshchik. Sib mat zhur 3 no 2: 250-255 Mr-Ap '62

INTEGRALS

Aizenshtat, V. S., V. I. Krylov, and A. S. Metol'skii. [Tables of numerical Laplace transformations and for the calculation of integrals of the form $\int_0^\infty x^\beta e^{-x} f(x)\,dx$] Tablitsy dlia chislennogo preobrazovaniia Laplasa i vychisleniia integralov vida $\int_0^\infty x^\beta e^{-x} f(x)\,dx$. Minsk, Izd-vo Akad. nauk BSSR, 1962. 375 p.

Application of the operational calculus for the calculation of some integrals. N. A. Meller. Vych. mat. no. 7: 170-180 '61.

Asymptotic value of approximations of multiply differentiable functions by m-singular integrals. R. G. Mamedov. Izv. AN Azerb. SSR. Ser. fiz. -mat. i tekh. nauk no 6;3-10 '61.

Decomposition of a derivative function into an integral over the squares of Macdonald functions with an imaginary subscript. N. N. Lebedev. Sib. mat. zhur. 3 no. 2.213-222 Mr-Ap '62.

Singular integrals and the convergence of Fourier series. A. I. Shmukler. Mat. sbor. 56 no. 2 237-280 F '62.

INTEGRALS, GENERALIZED

Kuvyrkin, N. G. [Indefinite integrals] Neopredelennye integraly; uchebnoe posobie po vysshei matematike dlia studentov VZEIS. Pod red. V. K. Turkina. Moskva, Vses. zaochnyi elektrotekhn. in-t sviazi, 1960. 76 p.

INTEGRODIFFERENTIAL EQUATIONS

Hilbert-Schmidt's theory for integral and integrodifferential equations with nonsymmetric kernels. S. IA. IAkubov. Izv. AN Azerb. SSR. Ser. fiz. -mat. i tekh. nauk no. 1:35-45 '62.

Singular integrodifferential equation for an elastic airplane wing of finite span A. G. Kekelia. Soob. AN Gruz. SSR 28 no. 1;9-16 Ja '62.

INTELLECTUAL PROPERTY see Copyright

INTERCHANGEABLE MECHANISMS

The second conference on precision, interchangeability, and technical measurements in the manufacture of machinery. Izm. tekh. no 4 1-2 Ap '62.

INTERCOMMUNICATION SYSTEMS

Electronic announcer. B. Gnusov. Starsh. -serzh. no. 1 27 Ja '62.

INTEREST (PSYCHOLOGY)

Effect of interest on memorizing new words in studying a foreign language [with summary in English]. E. A. Loginova. Vop. psikhol. 8 no.1:61-64 Ja-F '62.

INTERFEROMETER

ShGI-IV mine gas interferometer Shakht stroi 6 no 1: 4 of cover Ap '62.

INTERFEROMETRY

Experimental study of stimulated radiation from a gas mixture [with summary in English]. V. K. Ablekov Zhur eksp i teor fiz 42 no 3 738-739 Mr '62.

Logacheva, L. N. [Interferometry for absolute measurements of gauge blocks] Interferometriia dlia absoliutnykh izmerenii kontsevykh mer dliny. Moskva, Izd-vo standartov, 1961. 35 p. (Serila obzornykh monografii po izmeritel'noi tekhnike, no. 16)

[MICROFILM]

Methods for a numerical solution of problems arising in optical examinations of axially symmetric inhomogeneities (with summary in English]. V. A. Emel'ianov, G. P. Zhavrid Inzh.-fiz. zhur. 5 no.4 64-70 Ap '62.

Remarks on the interferometric method of ultrasound absorption measurement V. V. Voitenis, V. F. IAkovlev. Akust. zhur. 8 no. 1.131-132 '62

Use of the ITR-1 interferometer for determining hydrochloric acid content of phosgene IU. A. Strepikheev, G. S. Karetnikov, IU I Baranov Zav lab 28 no 3: 311-315 '62

INTERIOR DECORATION

Put beauty into everyday life! Kostiantyn Pronenyts'kyi. Mystetstvo 6 no. 3 16-17 My-Je '61.

INTERMETALLIC COMPOUNDS

Effect of ternary metallic compounds on the heat resistance of deformed aluminum alloys. B. K. Vul'f, M. N. Chernov. Izv. vys. ucheb. zav., tsvet met. 3 no. 2: 147-152 '60.

Factors of alloy hardening with formation of solid solutions. L. N. Guseva, A. A. Babareko. Izv. AN SSSR. Otd. tekh. nauk, Met. i topl. no. 2, 78-83 Mr-Ap '62.

INTERNAL FIXATION IN FRACTURES

Changes in the peripheral blood in children with metallic osteosynthesis. N. P. Lapshina. Probl. gemat i perel. krovi no. 4:49-50 '62

Displacement of the metallic rod from the tibia into the femur. Kh. S. Rakhimkulov Vest khir. no. 4, 98-99 '62.

INTERNAL MEDICINE see Medicine, Internal

THE INTERNATIONAL

A. I. Herzen's steps toward cooperation with the First International [with summary in English, p. 104]. B. V. Oksiuzov. Vop. filos. 16 no. 4:17-35 '62.

INTERNATIONAL ARBITRATION see Arbitration, International

INTERNATIONAL COMPETITION see Competition, International

INTERNATIONAL COOPERATION

Some aspects of cooperation among the chemical industries of European socialist countries. M. P. Epifanov. Uch zap. IMO no. 4:67-78 '61.

INTERNATIONAL EDUCATION

Fraternal solidarity of workers of all countries. Nach. shkola 30 no. 5 3-6 My '62

INTERNATIONAL GEOPHYSICAL YEAR, 1957-1958

Russia (1923- U. S. S. R.) Glavnoe upravlenie gidrometeorologicheskoi sluzhby. [Materials of conferences dealing with the results of the International Geophysical Year (1960) and the meteorological exploration of Antarctica (1959)] Materialy konferentsii po itogam MGG (1960) i meteorologicheskogo izucheniia Antarktidy (1959). Pod red. K. T. Logvinova. Moskva, Gidrometeoizdat (otdelenie), 1961. 363 p.

INTERNATIONAL LAW

"Soviet yearbook of international law." Reviewed by D. I. Feldman. Sov. gos. i pravo 32 no. 5:138-139 My '62.

INTERNATIONAL LAW—RESEARCH

The 22d Congress of the CPSU and the objectives of the Soviet students of international law. G. I. Tunkin. Sov. gos. i pravo 32 no. 5;3-17 My '62.

INTERNATIONAL OBLIGATIONS see subdivision under Communist Countries

INTERNATIONALISM

Karpovics, E. [Patriotism, internationalism, and cosmopolitanism] Par patriotismu, internacionalismu un kosmopolitismu. Riga, Latvijas Valsts izdevnieciba, 1960. 47 p. [In Latvian]

INTERPERSONAL RELATIONS
"Conflict" as a method for studying the nervous system in children [with summary in English]. L. I. Umanskii. Vop psikhol. 8 no. 1:134-142 Ja-F '62.

INTERPOLATION
Calculating a parabolic interpolator. V. P. Zotov. Mashinostroenie no. 2:82-83 Mr-Ap '62.

INTERSEXUALITY see Hermaphroditism

INTESTINAL AND PARASITIC WORMS see Worms, Intestinal and parasitic

INTESTINES
Rectoromanoscopic determination of the tonus of the terminal segment of the large intestine V. G. IAnchev Klin. med. no 2,125-132 '62
Reflex changes in the vessels of the mucous membrane of the small intestine and in the activity of the villi during the process of absorption. N. A. Bannikova. Fiziol. zhur. 48 no. 3:324-330 Mr '62.
Studies of the motor function of the intestines in man by the balloon-kymograph method Report No 1. "Hunger" motor activity of the small intestine in normal subjects V. G. Khlystov, O. L. Kolosova. Klin. med. no. 2:112-116 '62.
Study of the reaction of the small intestine in a rabbit to the action of infusions of Silene Brahui and latifolia. K. O. Oralbaev. Trudy Semipal. med. inst. 2 86-92 '59

INTESTINES—CANCER
Clinical aspects and therapy of cancer of the large intestine. G. V. Khomeriki Soob. AN Gruz. SSR 28 no. 1:103-110 Ja '62.
Protein fraction, lipoprotein and glycoprotein content of the blood serum in cancer of the stomach and intestines according to electrophoretic data. M. V. Budianskii. Med. zhur. Uzb no. 2 66-70 F '62.

INTESTINES—DISEASES
(see also subdivision under Erivan)
Clinical picture of gastrointestinal diseases caused by the intestinal bacillus in children R. M. D'iakova Ped., akush. i gin 23 no. 3:3-6 '61.
Colienteritis in Dnepropetrovsk. T. V. Smyrnova and others. Ped., akush. i gin 23 no. 3:19 '61
Excretion of the enzymes enterokinase and alkaline phosphatase with the feces in chronic enteritis and enterocolitis. K. B. Bakhadyrov. Med. zhur. Uzb. no 2:59-62 F '62.
Recognition of colienteritis in children. M. M. Lapko Ped., akush i gin. 23 no 3:6-9 '61.

INTESTINES—INNERVATION
Effect of lycorine alkaloid on the interoceptors of vessels of the spleen, intestines and hind leg. A. A. Altymyshev. Trudy Semipal. med. inst. 2:67-71 '59.
Rhythmic vibrations of the biopotential of the neuromuscular apparatus of the stomach and small intestine. E. A. Krasnov Trudy Inst klin. i eksp. khir AN Kazakh SSR no. 7:118-136 '61

INTESTINES—INTUSSUSCEPTION
Differential diagnosis of invagination and dysentery in infants (advice of a surgeon to young pediatricians). N. V. Zavadovskaia. Pediatriia no. 4:43-46 '62.

INTESTINES—MICROBIOLOGY
Distribution of intestinal protozoa among children of nursery school age in the city of Semipalatinsk. A. M. Rakhmanova, L. V. Kel'shtein. Trudy Semipal. med. inst. 2:295-301 '59.
Microflora of the intestine in infants. IE. O. Oleinykova, R. IR. Veitsman Ped., akush. i gin 23 no 3:16-19 '61.
Symbiosis of reticular cells with Bacteroides in the lymphoid follicles of the intestine of rabbits [with summary in English]. M. I. Razumov, V. G. Geimberg. Arkh. pat. no. 4:24-31 '62.

INTESTINES—OBSTRUCTIONS
Acute intestinal obstruction. N. Kh. Anestiiadi. Zdravookhranenie 5 no. 1:11-14 Ja-F '62.
Intestinal obstruction in newborn children and childhood. V. V. Zakrzhevs'kyi Ped., akush. i gin. 23 no. 3:34-35 '61.

INTESTINES—SURGERY
Absorptive functions of the digestive apparatus following partial resection of the small intestine. Report No. 1: Water and glucose absorption following resection of the upper or lower half of the small intestine [with summary in English]. L. A. Shchekun. Biul. eksp. biol. i med. 53 no. 4:61-64 Ap '62.
Exocrine activity of the pancreas following extensive resection of the upper segment of the small intestine [with summary in English]. I. V. Malkiman, A. P. Mukhina. Biul. eksp. biol. i med. 53 no. 4:57-61 Ap '62.
Physically and biologically hermetic sutures of the large intestine. A. A. Zaporozhets. Dokl. AN BSSR 6 no. 4: 263-265 Ap '62.
Prevention of peritonitis in surgery on the large intestine [with summary in English]. I. L. Bregadze, G. I. Veronskii. Vop. onk. 8 no. 4:27-30 '62.

INTESTINES—TRANSPLANTATION
Morphological changes in the graft during enteroplasty of the ureter in an experiment [with summary in English]. E. V. Shakhov, D. I. Ryzhakov. Urologiia no. 6:47-50 '61.

INTESTINES—TUMORS
Artificial hypotension in radical operations for tumors of the sigmoid and rectum I. A. Frid Vop. onk 8 no. 4: 30-36 '62.
Cyst of the large intestine S. M. Freidlin. Vest. rent. i rad 37 no. 2 61-65 Mr-Ap '62.
So-called pseudopolyposis of the terminal segment of the large intestine. Sh. S. Khalfen, I. I. Shakov Khirurgiia 37 no. 7 119-122 Jl '61

INTESTINES—ULCERS
Nonspecific ulcers of the small intestine. L. D. Litvinov. Klin. med. no. 8 114-120 '61.

INTRACRANIAL ANEURYSMS
Case of congenital aneurysms of the cerebral arteries [with summary in English]. IU P. Likhachev. Arkh. pat no 7 75-78 '61
Case of giant aneurysm of the basilar artery [with summary in English]. V. D. Arutiunov. Arkh pat. no. 7 78-80 '61.
Combination of aneurysms of the arteries of the base of the brain with polycystic degeneration of the kidneys [with summary in French]. IU. E. Berzin Zhur. nevr i psikh. 62 no 1:41-44 '62.
Congenital aneurysms of the cerebral vessels, angiomatosis of the myocardium and multiple angiomyxoma of the heart [with summary in English]. V. V. Bodmaeva Arkh. pat no 7:71-75 '61

INTRAOCULAR PRESSURE
Effect of the electrophoresis of different substances on the level of intraocular pressure. R. M. TSok. Vest. oft no. 2, 41-45 '62.
Effect of various doses of tissue preparations on the regulation of intraocular pressure in glaucoma [with summary in English] L. T. Kashintseva Oft. zhur. no. 2 93-100 '62
Indicator for measuring intraocular pressure [with summary in English]. L. A. Linnik Oft. zhur. 16 no. 6:476-479 '61.

INTRATRACHEAL ANESTHESIA
Errors and complications in potentiated and intubation anesthesia. S. I. IArosh Ped., akush. i gin. 23 no. 6: 42-44 '61.
Reaction of the heart to intrathoracic surgery during intubation anesthesia (from electrocardioscopic data). L. S. Zhuravskii. Grud. khir. no. 2:61-65 '62.

INTUITION
Intuitionist school of present-day Anglo-American bourgeois ethics. O. G. Drobnitskii. Nauch. dokl. vys. shkoly, filos. nauki 6 no. 2:76-82 '62.

INVALIDS
Believe in life's victory. K. I. Bashmakov. Zdorov'e 8 no. 2 16-17 F '62.
Nothing in life can unsettle us. B. P. Mitekin. Zdorov'e 8 no. 2:17-18 F '62
Soviet people are like that. A. A. Ulesov. Zdorov'e 8 no. 2:17 F '62.

INVENTORS, UKRAINIAN
Man is omnipotent Mykhailo Sirenko. Ukraina no. 10: 19 My '62.

INVERTEBRATES see subdivision under Caspian Sea

INVESTMENTS, FOREIGN see subdivision under Burma

INVESTMENTS, JAPANESE see subdivision under Korea, South

INVISIBLE WRITING see Writing, Invisible

IODATES
Particular features of the iodate precipitation of thorium and titanium subgroup elements from scandium-containing solutions. M. L. Nevtanovich, A. S. Cherniak Zhur. prikl. khim. 35 no 4 730-735 Ap '62.

IODINE
Effect of the pH of the solution on the adsorption of iodine ions on a silver electrode. L. A. Medvedeva, IA. M. Kolotyrkin. Dokl. AN SSSR 143 no. 6:1384-1387 Ap '62.
Enriching milk with iodine by feeding algae and fish meal to cows. G. P. Gurevich, N. M. Belov. Veterinariia 38 no. 1:71-72 Ja '61.
Kinetics of iodine hydrolysis in chloride and bromide solutions. G. R. Zalkind, S. I. IAvorskii. Izv. AN Turk. SSR. Ser. fiz.-tekh., khim. i geol. nauk no. 2:56-64 '62.
Vibrational relaxation of I_2 in a I_2 - He mixture. A. I. Osipov. Dokl. AN SSSR 143 no. 6:1392-1394 Ap '62.

IODINE—ISOTOPES
Egorov, P. I., and A. Z. TSfasman. [Radioactive iodine in the diagnosis and treatment of diseases of the thyroid gland] Radioaktivnyi iod v diagnostike i lechenii zabolevanii shchitovidnoi zhelezy. Moskva, Medgiz, 1962. 246 p. (DNLM)
Functional state of the thyroid gland in persons having come into contact with granosan [with summary in English]. E. A. Guseva, IU. K. Shaposhnikov. Gig. truda i prof. zab. 4 no. 6 32-35 Je '60.
Isotope method for the determination of fat assimilation [with summary in English]. V. I. Grashina and others. Vop. med. khim. 8 no. 2:214-217 Mr-Ap '62.
Secondary changes in the thyroid gland following the action of radioactive iodine. IU. V. Krivobok Arkh. pat. no 8:44-50 '61.
Treatment of thyrotoxic forms of endemic goiter with radioactive iodine K. A Kashkin Trudy Inst klin i eksp. khir AN Kazakh SSR no. 7-63-117 '61

IODINE—PHYSIOLOGICAL EFFECT
Antigenic properties of iodinized bacterial proteins. V. O Musiiko Visnyk sil'hosp. nauky 5 no 3 100-101 Mr '62.

IODINE—THERAPEUTIC USE
Use of iodine preparations in treating prematurity in women in a focus of endemic goiter. O. H. Petrash. Ped., akush i gin. 23 no 3:37-38 '61
What are prophylactic doses of iodine? E. I. Smirnova. Veterinariia 38 no. 1:68-70 Ja '61.

IODINE COMPOUNDS
Production and reactivity of certain arylated β-iodo ethers. M. A. Khaimova, B. I. Kurtev, TS. P. Bezukhanova. Dokl. AN SSSR 143 no. 6:1374-1377 Ap '62.

IODOMETRY
Iodometric method of determining 6-aminopenicillanic acid [with summary in English]. V. B. Korchagin, N. M. Ermakova, E. N. Druzhinina. Antibiotiki 7 no. 5 449-453 My '62.
Modified iodometric method for determining the activity of penicillinase [with summary in English]. S. M. Chaikovskaia, T. G. Venkina. Antibiotiki 7 no. 5:453-456 My '62.

IODONIUM COMPOUNDS
Synthesis of organoantimony compounds via double diaryliodonium salts of antimony pentachloride. O. A. Pittsyna, A. N. Kozlova, O. A Reutov. Izv. AN SSSR. Otd. khim. nauk no. 4, 634-636 Ap '62.
Synthesis of organobismuth compounds via diaryliodonium salts. O. A. Pittsyna, O. A. Reutov. IU S. Ovodov. Izv. AN SSSR. Otd. khim. nauk no. 4 638-644 Ap '62.

IOFA, TAT'IANA IL'INICHNA, 1904-1960
T. I. Iofa; obituary. A. Voshchinina, L. Gatalina. Soob. Gos. Erm. no. 21:77 '61.

ION EXCHANGE
Analysis of industrial superphosphate with the aid of ion exchangers. I. G. Lukomkin. Trudy LTI no. 46:155-160 '58.
Chromatographic determination of cobalt in the presence of interfering ions with the aid of ion exchangers. Report No. 2: Determination of cobalt in the presence of bismuth. Z. I. Khelfets, V. B. Aleskovskii. Trudy LTI no. 48:179-181 '58.
Determination of microquantities of lead and copper in solutions after a preliminary concentration by means of an ion exchange column. V. B. Aleskovskii, R. I Libina, A. D. Miller. Trudy LTI no. 48:5-11 '58.
Determination of the composition and stability of complex compounds by ion exchange chromatography. L. I. Tikhonova. Zhur neorg. khim. 7 no. 4:822-830 Ap '62.
Interaction between cation exchangers and difficultly soluble compounds. Report No. 2. T. I. Kalinina, V. B. Aleskovskii. Trudy LTI no. 48:124-132 '58.
Methods for purification of industrial ion exchangers. K. M. Saldadze and others. Plast. massy no. 3:51-54 '62.
Separation of rare earth elements by means of anion exchangers in their hydroxyl form. A. I. Rishbin, IU. A Koz'min. Zhur. prikl. khim. 35 no. 3:499-503 Mr '62.
Sorption and following desorption of ytterbium and europium on granular ion exchangers in an electric field. A. B. Davankov and others. Zhur. prikl khim. 35 no. 4 769-773 Ap '62.
Study of ion exchange under conditions of the free fall of ion exchanger particles in solution. S. L. Dobychin, V. B. Aleskovskii. Trudy LTI no. 48:22-33 '58.
Sulfoaliphatic cation exchangers based on polyvinyl alcohol. E. G. Rozantsev, L. B. Vystavkina. Zhur. prikl khim. 35 no. 4:919-921 Ap '62.
Thermodynamics of ion exchange. G. L. Starobinets, V. S. Soldatov. Dokl. AN BSSR 6 no. 4:233-236 Ap '62.
Use of ion exchange to study the state of a substance in a solution. Part 8: Study of solutions of uranyl carbonates by ion exchange. V. P. Paramonova, N. M. Nikolaeva. Radiokhimia 4 no. 1 84-89 '62.
Use of the ion exchange method in the separation of isotopes. I. A. Kuzin, A. M. Semushin. Trudy LTI no. 48: 209-218 '58.

ION EXCHANGE RESINS
Chromatographic separation of small amounts of uranium from acid using the EDE-10P anion exchange resin [with summary in English]. V. D. Zagrai, V. A. Vlasov. Zhur. anal. khim. 17 no. 2:254-255 Mr-Ap '62.
Composition of thorium ions sorbed by cation exchangers A. I. Zhukov, V. N. Onosov, E. I. Kazantsev. Zhur. neorg. khim 7 no. 4:921-925 Ap '62.
Cultivation of the plague microbe on media of acid casein hydrolysate demineralized using an ion exchange resin [with summary in English]. E. E. Bakhrakh and others. Zhur. mikrobiol., epid. i immun. 33 no. 3:51-55 Mr '62.

ION EXCHANGE RESINS (Continued)
Flotation of carboxyl resins and anion exchangers AN-2F and AMP. B. N. Laskorin, N. M. Sluziumova. Zhur prikl. khim. 35 no. 4,828-832 Ap '62
Ion exchange method of isolating crystalline 6-aminopenicillanic acid from the products of the fermentative hydrolysis of penicillin [with summary in English]. E. M. Savitskaia and others. Antibiotiki 7 no. 5:437-440 My '62.
Mechanism of the formation of precipitation chromatograms on ion exchange resins. F. S. Boichinova, V. B Aleskovskii. Trudy LTI no. 48:133-142 '58.
Ol'shanova, K. M. [Use of ion exchangers in industry] Primenenie ionitov v promyshlennosti. Riga, TSentr. biuro tekhn. informatsii Latvitskoi SSR, 1961. 27 p.
Purification of lead chloride-containing water with ion exchange resins I F Zemskov, A. S. Stepanov, V. I Gnezdov. Zhur. prikl. khim 35 no 3 674-676 Mr '62
Separation of thorium and rare earth elements on the cation exchange resin KU-1. A. I. Zhukov, V. N. Onosov, A. N. Shevtsov. Zhur. neorg khim 7 no. 4,926-929 Ap '62.
Sorption of thorium by cation exchangers A. I. Zhukov, E. I. Kazantsev, V. N. Onosov. Zhur. neorg khim. 7 no. 4:915-920 Ap '62.
Study of the elution of neptunium from the anion exchanger AM. E. I. Kazantsev and others. Radiokhimiia 4 no. 1: 81-84 '62.

IONIC CRYSTALS
Use of Green's functions in the calculation of infrared absorption in ionic crystals V. S. Vinogradov. Fiz tver tela 4 no. 3:712-717 '62.

IONIC CRYSTALS—GROWTH
Oriented growth of metal and ionic crystals. I. I. Papirov, L. S. Palatnik. Kristallografiia 7 no. 2:286-290 Mr-Ap '62.

IONIC CRYSTALS—MAGNETIC PROPERTIES
Theory of spin-lattice relaxation in paramagnetic ionic crystals [with summary in English]. I. K. Aminov. Zhur. eksp. i teor fiz. 42 no. 3 783-786 Mr '62.

IONIC CRYSTALS—VIBRATION
Electronic oscillatory processes in the luminescence centers of ionic crystals. Ch B. Lushchik, N E. Lushchik, I. V. IAck. Izv. AN SSSR. Ser. fiz 26 no. 4 468-496 Ap '62.

IONIZATION
Characteristics of the ionization of heavy atoms and ions L. G. Filippenko. Zhur. tekh fiz. 3 no. 3,356-360 Mr '62.
Effect of ionizing radiation on the catalytic activity of aluminum oxide in the dehydration of dodecyl alcohol, I. Spitsyn, I. E. Mikhailenko, G. N. Pirogova. Dokl. AN SSSR 143 no. 5:1152-1156 Ap '62.
Equilibrium ionization in dispersion systems. A. A Arshinov, A. K Munin. Radiotekh. i elektron. 7 no 5 860-869 My '62

IONIZATION OF GASES
Ionization of gases by fast hydrogen atoms and protons [with summary in English]. E. S. Solov'ev and others. Zhur. eksp. i teor. fiz. 42 no. 3 659-668 Mr '62.
Transfer phenomena in a partially ionized gas. V. M. Zhdanov. Prik. mat. i mekh. 26 no. 2:280-288 Mr-Ap '62.

IONIZED AIR see Air, Ionized

IONOSPHERIC RESEARCH
(see also subdivision under Ashkhabad)
Preface. Issl. ionosf i met. no 8,5-6 '62.

IONS
Charge exchange of Xe^{3+} and Xe^{4+} ions in neon [with summary in English] G. N. Ogurtsov, I. P. Flaks. Zhur. eksp. i teor. fiz. 42 no 3 721-724 Mr '62.
Effect of zinc ions on the structure of the cathodic cadmium precipitate and the electrolysis indices. O. A. Khan, G. N. Sosnovskii. TSvet. met. 35 no. 4:24-28 Ap '62.
Problem of spectroscopic measurements of ion energies in ZETA instruments. A. N. Zaidel', O. V. Konstantinov, G. M. Malyshev. Zhur. tekh. fiz. 32 no 3:370-372 Mr '62.

IONS—DIFFUSION
Experimental study of the diffusion waves of charged particles in a gas resting in a magnetic field. V. S. Golubev, V. L. Granovskii. Radiotekh. i elektron. 7 no. 5:880-889 My '62.

IONS—MIGRATION AND VELOCITY
Transfer numbers in solid oxides. A. D. Neuimin, S. F. Pal'guev. Dokl. AN SSSR 143 no. 6:1300-1301 Ap '62.

IRAN—COMMUNISM
Agakhi, A. M. [Dissemination of Marxist-Leninist ideas in Iran before the Second World War] Rasprostranenie idei marksizma-leninizma v Irane (do vtoroi mirovoi voiny). Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1961. 250 p.

IRAN—FOREIGN RELATIONS
Iran: the neutrality movement is growing [with English summary in insert]. K. Ivanovskii. Az. i Afr. seg. no. 4:21-23 Ap '62.

IRAN—PETROLEUM INDUSTRY
The international oil consortium and the economy of Iran [with summary in English, p 263] A. Z. Arabadzhian Nar. Azii i Afr. no 2 58-70 '62

IRAN—TRIALS(POLITICAL CRIMES AND OFFENSES)
Lawless acts of the Iranian Government. T B. Rad. pravo no. 2 114-115 Mr-Ap '62.

IRANIAN BRONZES see Bronzes, Iranian

IRCHAN, MYROSLAV, pseud. see Babiuk, Andrii Dmytrovych, 1896-1937

IRIDIUM
Field emission of iridium V. I Makukha. Radiotekh. i elektron. 7 no 5 900-903 My '62.

IRIS (EYE)—TUMORS
Case of spontaneous cyst of the root of the iris diagnosed by gonioscopy V M. Pan'kiv. Oft. zhur no. 2 113-114 '62

IRKUTSK—BIOCHEMISTRY—STUDY AND TEACHING
Teaching biochemical research methods in the laboratory of the Irkutsk Province Hospital. P. M. IAverbaum, Zdrav. Ros. Feder. 6 no. 3:14-18 Mr '62.

IRKUTSK—INSECTS
Insects of the parks of Irkutsk. V. N. Tomilova Ent. obozr 41 no. 1:125-141 '62

IRKUTSK—TESTING LABORATORIES
Activity of the Kiev State Testing Laboratory. M. D Kalennikov. Izm tekh. no. 4 52-54 Ap '62.
The Irkutsk State Testing Laboratory is an organizational and technical center for measuring equipment in the province. V. V. Petropavlovskii Izm tekh no 4 40-52 Ap '62.

IRKUTSK BASIN—PYRITES
Origin of pyrite concretions in Jurassic coal-bearing mineral deposits of the western part of Irkutsk Basin. V. I. Koporulin. Dokl. AN SSSR 143 no. 5 1194-1197 Ap '62.

IRKUTSK PROVINCE—AGRICULTURE
Komarevskaia, V. P. [Agricultural development and specialization in the Angara and Ilim subzones of Irkutsk Province] Razvitie i spetsializatsiia sel'skogo khoziaistva Angaro-Ilimskoi podzony Irkutskoi oblasti. Chita.
No. 3. [Materials on the agricultural zoning of Irkutsk Province] Materialy po sel'skokhoziaistvennomu raionirovaniiu Irkutskoi oblasti. 1958. 164 p. Materialy po sel'skokhoziaistvennomu raionirovaniiu Irkutskoi oblasti, no. 3)
Zykov, A. N. [The Irkutsk Communists in the struggle for the development of socialist relations in rural areas after the defeat of the Kolchak forces in 1920] Irkutskie kommunisty v bor'be za razvitie sotsialisticheskikh otnoshenii v derevne posle razgroma kolchakovshchiny, 1920 god. Irkutsk, Irkutskoe obl. ot-nie ob-va po raspr. polit. i nauchn. znanii RSFSR, [1960] 36 p.
(MII)

IRKUTSK PROVINCE—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK
Zykov, A. N. [The Irkutsk Communists in the struggle for the development of socialist relations in rural areas after the defeat of the Kolchak forces in 1920] Irkutskie kommunisty v bor'be za razvitie sotsialisticheskikh otnoshenii v derevne posle razgroma kolchakovshchiny, 1920 god. Irkutsk, Irkutskoe obl. ot-nie ob-va po raspr. polit. i nauchn. znanii RSFSR, [1960] 36 p.
(MII)

IRKUTSK PROVINCE—DIAMONDS
Diamond prospecting criteria in the inner field of the Irkutsk amphitheater L N. Zveder. Geol i geofiz. no 2.113-115 '62

IRKUTSK PROVINCE—GEOLOGY, STRUCTURAL
Large flexure in the southern Irkutsk amphitheater [with summary in English]. S. M. Zamaraev, G. A. Kuznetsov, V. A. TSobin. Geol. i geofiz. no. 1:42-54 '62.

IRKUTSK PROVINCE—LABOR PRODUCTIVITY—CONGRESSES
Nauchno-tekhnicheskaia konferentsiia po povysheniiu proizvoditel'nosti i uluchsheniiu organizatsii truda i zarabotnoi platy na predpriiatiiakh i stroikakh Irkutskogo sovnarkhoza, 1st. [The First Academic and Technical Conference on Improving Productivity and Wages in Enterprises and Construction Projects of the Irkutsk Economic Council; materials of the plenary meeting] Materialy (plenarnoe zasedanie) Irkutsk, TSentr. biuro tekhn. informatsii, 1960. 102 p.
[MICROFILM]

IRKUTSK PROVINCE—TUBERCULOSIS—PREVENTION
Organization of control of extrathoracic tuberculosis in Irkutsk Province [with summary in French]. IU. D. Budilina, L. G. Chernaeva. Probl. tub. no. 3:3-6 '62.

IRKUTSK PROVINCE—WAGES—CONGRESSES
Nauchno-tekhnicheskaia konferentsiia po povysheniiu proizvoditel'nosti i uluchsheniiu organizatsii truda i zarabotnoi platy na predpriiatiiakh i stroikakh Irkutskogo sovnarkhoza, 1st. [The First Academic and Technical Conference on Improving Productivity and Wages in Enterprises and Construction Projects of the Irkutsk Economic Council; materials of the plenary meeting] Materialy (plenarnoe zasedanie) Irkutsk, TSentr. biuro tekhn. informatsii, 1960. 102 p
[MICROFILM]

IRON
Coefficient of iron diffusion in molten slag. V. A. Grigorovich, Han Ch'ih-yung, E. Mikhalik. Izv. AN SSSR. Otd tekh. nauk. Met. i topl. no. 2 36-41 Mr-Ap '62.
Extraction separation of iron by a mixture of fatty acids of the C_7 - C_9 fraction S. E. Kreimer and others. Zav. lab 28 no 3:266-268 '62.
Formal redoxy potentials of monosubstituted ferrocenes. S. P. Gubin, E. G. Perevalova. Dokl AN SSSR 143 no 6, 1351-1354 Ap '62.
Reaction of iron with silicon tetrachloride. M. I. Tunina, N G Kliuchnikov Zhur neorg. khim 7 no. 4 743-748 Ap '62

IRON—ANALYSIS
Concentration of iron traces from solutions of nickel, cobalt, and zinc salts by a partial precipitation of macrocomponents. V. I. Lotareva, V. T. Chuiko. Trudy LTI no. 48:119-123 '58.
Determination of small amounts of cerium in cast iron and steels I. E. Lev, M. S Kovtun. Zav. lab 28 no 3, 273-274 '62.

IRON—ISOTOPES
Study of the atmospheric corrosion of "Armco" iron and steel-2 radioactive specimens V. I. Spitsyn and others. Dokl. AN SSSR 143 no. 6:1406-1408 Ap '62.

IRON—METALLOGRAPHY
Investigating the texture of cold compression worked iron. N I Varich. Metalloved. i term. obr met no 4 17-20 Ap '62

IRON—METALLURGY
Arsenic absorption by coal during the reduction of Kerch iron ores. N. A. Vasiutinskii, L. I. Vasiutinskaia. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 2:22-26 Mr-Ap '62.
Ferrous metallurgy in capitalist countries in 1959. I G. Gorelik Biul TSIICHM no. 10 1-11 '60.
Principal directions in the expansion of the technology of ferrous metal production. A. M. Samarin. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 2 3-8 Mr-Ap '62.

IRON AGE see subdivision under Khakass Autonomous Province; Polesye

IRON ALLOYS—ANALYSIS
Photocolorimetry for the analysis of ferrous and nonferrous alloys. K. N. Ershova. Trudy TSNII MPS no. 227:19-33 '62.

IRON ALLOYS—SPECTRA
Methods of spectrographic analysis of ferrous metals and their use for the study of physical metallurgy. E. P. Nikiforova. Trudy TSNII MPS no. 227:39-61 '62.

IRON ALLOYS—TESTING
Effect of manganese on the abrasive wear of steel with one per cent carbon content and of iron alloys. M. A. Babichev, A. A. Velikanova, L. B. Kraposhina. Tren. i izn. mash. no. 15:11-30 '62.

IRON-ALUMINUM ALLOYS
Study of iron-aluminum alloys in the Fe_3Al region. R. S. Mints, N. N. Samsonova. Dokl. AN SSSR 143 no. 5: 1108-1111 Ap '62.

IRON AND STEEL BUILDING see Building, Iron and steel

IRON AND STEEL PLANTS see subdivision under United States

IRON AND STEEL PLANTS—EQUIPMENT AND SUPPLIES
Basic trends in the development of the manufacture of machinery for metallurgical plants during next years. A. I. TSelikov, I. M. Elinson. Vest. mash. 42 no 2: 3-10 F '62.

IRON AND STEELWORKERS see subdivision under Cherepovets

IRON CHLORIDES
Hydrolysis rate of ferrous chloride in a water vapor medium. M. V Ionin, A. A. Kozhakova, V. G. Nikitina. Zhur. prikl khim. 35 no. 4:900-902 Ap '62.

IRON-CHROMIUM ALLOYS—MAGNETIC PROPERTIES
Noncompensated antiferromagnetism and the anomalous temperature dependence of the magnetic properties of the alloy Fe_3Cr in connection with atomic ordering. M. V. Dekhtiar. Fiz. tver. tela 4 no. 3:601-604 '62.

IRON-CHROMIUM ALLOYS—METALLURGY
Surasov, G. G. [Production of medium-carbon ferrochromium in converters] Proizvodstvo sredneuglerodistogo ferrokhroma v konvertere. Alma-Ata, TSentr. in-t nauchno-tekhn. informatsii, 1960. 12 p.
[MICROFILM]

IRON-COBALT ALLOYS—SPECTRA
Structure of the energy spectrum of electrons in iron-cobalt alloys V. Nemoshkalenko. Dokl AN SSSR 143 no 6 1328-1331 Ap '62.

IRON CRYSTALS
Observation of dislocations in iron microcrystals using the etching method. I.P Kushnir. Kristallografiia 7 no.2:247-251 Mr-Ap '62.

IRON HYDROXIDE
Study of the separation of an iron hydroxide suspension by filtration with the use of an auxiliary substance G P. Baranov, IU. F. Ivin, V A Chemezov. Khim prom. no 3 201-204 Mr '62

IRON IN THE BODY
Importance of the spleen in endogenous iron metabolism [with summary in English]. T. V. Migina Pat fiziol i eksp terap. 5 no. 6,44-47 N-D '61
Iron content of the blood serum in the cerebral form of hypertension [with summary in French] L. R. Nozdrukhina. Zhur. nevr. i psikh. 62 no. 1,66-69 '62.
Iron in the cells and tissues of early stages of human embryos. IU. N Shapovalov. TSitologiia 4 no 1:80-83 Ja-F '62

IRON INDUSTRY
On the way to the over-all automation in ferrous metallurgy. A K Adabashian, M N Starovich. Mekh i avtom proizv. 16 no. 3 3-6 Mr '62.

IRON MINES AND MINING
(see also subdivision under Kachkanar region; Kazakhstan, Krivoy Rog Basin)
Karst in the Tashtagol iron-ore deposit and its effect on mining operations. F. IU Zeits. Gor. zhur no 4:19-21 Ap '62.

IRON MINES AND MINING—EQUIPMENT AND SUPPLIES
Movable, direct current electric welding machines for mines. G G. Petrenko Biul. TSIICHM no 9 38-39 '60.

IRON MINES AND MINING—FINANCE see subdivision under Kazakhstan

IRON ORES see subdivision under Altai Mountains; Kerch Peninsula, Korgon Valley; Kumir Valley; Sayan Mountains, Uporovo region; Ural Mountains

IRON ORES—MAPS
Principles of compiling metallogenic maps of iron in the U S S R at a 1 5,000,000 scale G A Sokolov Zakonom razm polezn iskop 2 78-85 '59

IRON ORES—TOXICOLOGY
Morphological changes in the lungs caused by iron ore dust A. P Samoilov Gig. truda i prof zab 6 no. 3: 45-48 Mr '62

IRON ORGANIC COMPOUNDS
Some chemical properties of butadiene iron tricarbonyl. A. N. Nesmeianov, K. N Anisimov, N E. Kolobova Izv. AN SSSR. Otd. khim nauk no. 4 722-724 Ap '62.

IRON OXIDES
(see also subdivision under Olenogorsk)
Effect of iron oxide on the sintering of a zirconium mixture and the stabilization process of zirconium dioxide E. K Keler, A. B. Andreeva Ogneupory 27 no 4 184-192 '62

IRON OXIDES—MAGNETIC PROPERTIES
Magnetic properties of the system iron oxide - ferric oxide. K. N. Potemkin, S. K. Grebnev, Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 2:27-31 Mr-Ap '62.

IRON PHOSPHATE
Catalytic properties of iron phosphate. Report No. 1. Dehydration of alcohols. A. A. Balandin, A. I. Kukina, N E Malenberg Izv AN SSSR Otd khim nauk no. 4.

Present state and effectiveness of the use of new irrigation practices in the U S. S. R. IU. M. Levintan. Gidr i mel. 14 no 3,3-8 Mr '62

IRRIGATION—CONGRESSES
A conference on basin snow water irrigation. I Rusinov Vest sel'khoz nauki 7 no. 2,157-158 F '62.

IRRIGATION CANALS AND FLUMES
(see also subdivision under Ur)
Efficient utilization of the water power of irrigation canals. S. S. Said-Khodzhaev. Trudy TIIMSKH no. 1 103-126 '55.
Hydraulic design of the cross section of canals. A. V. Frontskii. Trudy TIIMSKH no. 1:37-74 '55
Improving the regulation of water distribution in irrigation canals K A. Avilanova Vop. gidr no. 3,27-61 '61

IRRIGATION FARMING
(see also subdivision under Yakutsk region)
Growing sunflowers on irrigated lands in Rostov Province I P Kruzhilin Zemledelie 24 no 4 40-45 Ap '62.

IRRIGATION RESEARCH
Work results of the study on water losses in irrigation systems and on the increase of their efficiency. A A. Rachinskii. Trudy TIIMSKH no 1 7-36 '55.

IRTYSH VALLEY—AGRICULTURE
Irtysh-Karaganda Canal and bringing virgin lands of its zone under cultivation S P. Iziumov Gidr i mel. 14 no 3 9-15 Mr '62.

IRTYSH VALLEY—GEOLOGY, STRATIGRAPHIC
Some regularities in density change of Mesozoic and Cenozoic sediments in the middle Irtysh Valley I K. Tuezov. Trudy SNIIGGIMS no. 1 143-147 '59.
Tertiary stratigraphy of the Ob'-Irtysh interfluve. F. G. Gurari, M. V. Ushakova Trudy SNIIGGIMS no 1:48-54 '59.

IRTYSH VALLEY—GEOLOGY, STRUCTURAL
Seismic prospecting data on Mesozoic and Cenozoic tectonic movements in the middle Irtysh Valley. E V. Pkhanin, E. I. Ben'ko. Trudy SNIIGGIMS no. 1:152-160 '59.

ISER, IOSIF, 1881-1958
Gift of the artist. I. Iser. K. Asaevich Soob. Gos Erm. no. 21:67-68 '61.

ISFARA REGION—MOUNDS
Exploration of the mounds in the region of Isfara in 1958. B. A. Litvinskii. Trudy Inst. ist., arkheol. i etn. AN Tadzh. SSR 27:59-80 '61.

ISHIM—REVOLUTION, 1917-1921
Broyko, M. A., comp. [The Ishim Communists during the civil war, on the 40th anniversary of the liberation of Ishim from the Kolchak forces] Ishimskie kommunisty v gody grazhdanskoi voiny; k 40-letiiu osvobozhdeniia Ishima ot kolchakovtsev. Pod red. IU. A. Vasil'eva. [Tiumen'] Tiumenskoe knizhnoe izd-vo, 1960. 84 p.
(InU)

ISOBARS see Atmospheric pressure

ISOMORPHISM
Isomorphous series "labuntsovit" - "nenadkevichit," E. I. Semenov. Trudy Inst. min., geokhim. i kristalokhim. red. elem. no. 2:102-109 '59.
The scope of the concept of isomorphism. K. P. IAnulov. Trudy AN Tadzh. SSR 104 no. 1:139-147 '59.

ISONICOTINIC ACID
Use of a new antituberculosis preparation—thianide (1314 Th)—in combination with streptomycin or phthivazide [with summary in English]. M. A. Breger. Biul. eksp. biol. i med. 53 no. 4 75-78 Ap '62.

ISOPROPYL ALCOHOL
...d of preparation of isovaleric acid from ...a catalytic reaction. S. V. L'vov and ...ki khim. 35 no. 3:700-701 Mr '62.

ISOPERIMETRIC PROBLEMS see Calculus of ...

...lsion under Crimea

...ition, and hydrodynamic and mechani...1:5 styrene - isoprene block copolymer ...English]. S. E. Bresler and others. ... no. 2:250-255 F '62.

... with promedol and isopromedol in ...sychoprophylactic preparation. H. T. ...sah. i gin. 23 no. 6:47-49 '61.

...s of β-phenylisopropylamine and of ...cids. A. M. Khaletskii, V. G. Pesin. ...Zhur. ob. khim 32 no. 4 1068-1071

...ON
...le coefficient in isotope separation ...ction method. E. M Kuznetsova. Vest. Mosk. un. Ser. 2, Khim. 17 no. 2: ...

Use of the ion exchange method in the separation of isotopes. I. A. Kuzin, A. M. Semushin. Trudy LTI no 49: 209-218 '58.

ISOTOPES
Isotopic displacement of spectral lines and the compressibility of deformed nuclei [with summary in English] E E Fradkin Zhur. eksp i teor fiz 42 no 3 787-793 Mr '62
Study of the isotope composition of elements in connection with the genesis of ore deposits N. V Petrovskaia, L N Grinenko Geol rud mestorozh no 2 3-31 Mr-Ap '62

ISOVALERIC ACID
Continuous method of preparation of isovaleric acid from isoamyl alcohol by a catalytic reaction. S V. L'vov and others Zhur. prikl khim. 35 no. 3 700-701 Mr '62.

ISOXAZOLE
Isoxazole compounds Part 4 Derivatives of 4-aminoisoxazole containing cytotoxic groups S V Sokolov, I IA Postovskii. Zhur ob khim 32 no 4 1064-1066 Ap '62.

ISRAEL—MILITARY POLICY
Israel provokes military conflicts A. Kostrov. Mezhdunar. zhizn' 9 no. 5.113-115 My '62.

ISSYK-KUL' REGION—TAPEWORMS
Diphyllobothriasis center in the region of lake Issyk-Kul'. K. I. Iskanov, N. S. Kropotova Sov. zdrav. Kir. no 1: 46-47 Ja-F '62.

ISTILEUOV, TURMAGAMBET
"Rustem-dastan, based on motifs from Ferdowsi's 'Shahname'" [in Kazakh] by Turmagambet Istileuov. Reviewed by R. Berdibaev Nar. Azii i Afr. no 2 246 '62

ITALIAN PASTE see Macaroni

ITALIAN PERIODICALS
A periodical devoted to the history of the Italian labor and socialist movement. Z. P. IAkhimovich. Nov. i noveish. ist. no. 2 142-150 '62.

ITALY—DESCRIPTION AND TRAVEL
Spring... Florence... Rome.... Viktor Shklovskii. Nov. vrem. 20 no. 23, 28-30 Je '62.

ITALY—FOREIGN ECONOMIC RELATIONS—RUSSIA
Italian exhibition in Moscow. V. Krasnopol'skii. Nov. vrem. 20 no. 23:10-11 Je '62.

ITALY—GRINDING MACHINES
Automatic polishing machine (from "Cabinet Maker," no 3231, 1961). Der prom 11 no 4 31 Ap '62.

ITALY—LABOR AND LABORING CLASSES
Laboring class and disarmament. Renato Bitossi. Nov. vrem. 20 no. 23 3 Je '62.
Petranovich, I. M. [Unemployment and the state of workers in Italy] Bezrabotitsa i polozhenie rabochikh v Italii. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 157 p.
(CSt-H)

ITALY—MAJOLICA
The relation between the Italian majolica of the 16th century and literature [with summary in French]. O. D Dobroklonskaia. Trudy Gos Erm. 6 no 2 205-212 '61.

ITALY—MOTION-PICTURE PLAYS
Through the pages of the foreign press. S Tokarevich. Isk. kino no. 3,158-159 Mr '62

ITALY—MOTION PICTURES—CENSORSHIP
They protest against the application of a fascist law. M. Rad. pravo no. 2:114 Mr-Ap '62.

ITALY—RELATIONS (GENERAL) WITH RUSSIA
Friends of the Italians. A. Stepanova. Kul't. i zhizn' 6 no. 2,31-33 '62.

ITALY—SOCIALIST PARTY
A periodical devoted to the history of the Italian labor and socialist movement. Z. P. IAkhimovich. Nov. i noveish. ist. no. 2:142-150 '62.

ITALY—UNEMPLOYED
Petranovich, I. M. [Unemployment and the state of workers in Italy] Bezrabotitsa i polozhenie rabochikh v Italii. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 157 p.
(CSt-H)

IUDALEVICH, M.
"Roman Bakurov" by Stepan Kuzmenko. "Newsmen" by M. IUdalevich. Reviewed by A. Kharitonova. Sov. pech no. 4:46-47 Ap '62.

IUR'EV, VASILII IAKOVLEVICH, 1879-1962
In memory of a patriotic scientist. Agrobiologiia no 2 238-239 Mr-Ap '62.
In memory of Vasilii IAkovich IUr'ev. M. S Khrushchov and others. Vienyk sil'hosp. nauky 6 no 3 123 Mr '62.
In memory of Vasilii IAkovlevich IUr'ev. Vest. sel'khoz nauki 7 no. 3:85-87 Mr '62

IVANOV, ALEKSANDR ANDREEVICH, 1806-1858
Rakova, M.M. A. Ivanov. [Moskva] Iskusstvo, 1960. 50 p.
(MIU)

IVANOV, ANDREI KHRISANFOVICH, 1895-1961
Andrei Khrisanfovich Ivanov, obituary Sov geol 5 no 3 166-167 Mr '62

IVANOV, IL'IA IVANOVICH, 1870-1932
The 90th anniversary of I I Ivanov's birth. P A. Voloskov. Veterinariia 37 no.10 94-95 O '60.

IVANOVA, NATAL'IA GAVRILOVNA, 1915-
Natal'ia Gavrilovna Ivanova Med. sestra 21 no. 4 58 Ap '62.

IVANOVO—CLOTHING, PROTECTIVE
Protective clothing should be made out of impregnated materials V Davydov. Okhr. truda i sots. strakh. 5 no. 4 27 Ap '62.

IVANOVO—JOURNALISM, LABOR
Four directions A. Mukhin. Sov. pech. no. 2 22 F '62.

IVANOVO PROVINCE—DAIRY BARNS
Veselov, N. A., and V. M. Matveev. [Loose housing of cattle; from experience of the "Shuiskii" State Farm] Bespriviaznoe soderzhanie skota; iz opyta raboty sovkhoza "Shuiskii." [Ivanovo] Ivanovskoe knizhnoe izd-vo, 1962. 53 p.
(DA)

IVANOVO PROVINCE—FARM BUILDINGS—FIRES AND FIRE PREVENTION
Half a century. L. Zagorovskii, L. Konovalov. Pozh. delo 8 no. 4 12-13 Ap '62.

IVANOVO PROVINCE—PENSIONS
From a collective farm chest. A. Zygan Sots obesp. 23 no. 5 31 My '62.

IZHAKEVYCH, IVAN SYDOROVYCH, 1864-1962
An artist and patriot. Vasyl' Kasilan. Mystetstvo 9 no. 1 34-35 Ja-F '62.

IZHEVSK—CERAMIC INDUSTRIES—ACCOUNTING
Pledge of the accountants' collective at the Izhevsk Plant of Ceramic Blocks. Bukhg. uchet 19 no. 3, 36-37 Mr '62.

IZHEVSK—PUBLIC HEALTH
Results of a joint effort. IA. L. Zisman. Zdrav. Ros. Feder. 6 no. 3 30-32 Mr '62.

JACONECIC ACID
Structure of jaconecic and jacolineic acids. N. I. Koretskaia, A. V. Danilova, L. M. Utkin Zhur. ob. khim. 32 no. 4, 1339-1345 Ap '62.

JAPAN—CHEMISTRY, ORGANIC—SYNTHESIS
Acetylene in the industry of organic synthesis of Japan. Iu. IA. Turov. Khim. prom no. 3 218-226 Mr '62

JAPAN—CONCRETE REINFORCEMENT
High-strength steel wire for prestressed concrete [from "Wire and Wire Products," no. 9, 1960]. S A. Morozov. Biul. TSIICHM no 10, 56-59 '60

JAPAN—DAMS
Materials from the 7th International Congress on Large Dams; dams in Japan. Gidr. stroi. 32 no. 4 52-57 Ap '62

JAPAN—DEFENSES
They have learned nothing [with English summary in insert]. N. Kapul. Az. i Afr. seg. no. 4 10-12 Ap '62.

JAPAN—ECONOMIC CONDITIONS
"State monopolistic capitalism in Japan after the Second World War" by IA. A. Pevzner. Reviewed by A. I. Dinkevich. Nar. Azii i Afr. no. 2 201-205 '62.

JAPAN—FINANCE
The monetary-credit system of Japan, a historical study. V. M. Platnenkov. Uch. zap. IMO no. 4 70-110 '61.

JAPAN—FOREIGN ECONOMIC RELATIONS—RUSSIA
License agreement came into effect. V. Zhdan. Vnesh. torg. 42 no. 4 29 '62.

JAPAN—GYMNASTICS
Gymnastics in Japan. N. K. Popov. Teor. i prak. fiz. kul't. 25 no. 2 52-53 F '62.

JAPAN—JAZZ MUSIC
"Jazz houses" and military bases. E. Rusakov. Az. i Afr. seg. no. 4 57 Ap '62.

JAPAN—MEDICINE—PERIODICALS
Japanese medical journals (a short bibliographic review). T. V. Uvarova. Klin. med. no. 6 151-152 '61.

JAPAN—MILITARY BASES, AMERICAN
"Jazz houses" and military bases. E. Rusakov. Az. i Afr. seg. no. 4 57 Ap '62.

JAPAN—MOTION-PICTURE PLAYS
A film produced by friendship. A Kolomiets. Isk. kino no. 3 153-155 Mr '62.

JAPAN—RAILROADS—MAKING UP TRAINS
Automation of maneuvering operations in making up group trains in the classification yards of Japan. Zhel. dor transp. 44 no 4 91-92 Ap '62.

JAPAN—RELATIONS (GENERAL) WITH RUSSIA
Flocks of paper cranes. Zdorov'e 8 no 2 26 F '62
In the past 30 years. Matsumura Shiro. Kul't. i zhizn' 6 no. 2 42-43 '62.

JAPAN—SHIPBUILDING
Japanese-built ships [from "The Motor Ship," no 495, 1961]. Sudostroenie 28 no. 4 78 Ap '62

JAPAN—TRUSTS, INDUSTRIAL
"State monopolistic capitalism in Japan after the Second World War" by IA A. Pevzner Reviewed by A I Dinkevich Nar Azii i Afr. no. 2 201-205 '62

JASPILITE see subdivision under Karsakpay region

JAUNDICE
Cholangio-jejunal anastomosis in obstruction of the intrahepatic and high extrahepatic bile ducts [with summary in English]. A. A. Shalimov. Khirurgiia 37 no 7 33-39 Jl '61
Surgical treatment of complete obstruction of the extrahepatic bile ducts. IA. D. Vitebskii. Khirurgiia 37 no 7 47-50 Jl '61.
Technic, indications, and diagnostic value of transhepatic cholangiography [with summary in English]. V. I Shuvaeva. Khirurgiia 37 no 7 61-64 Jl '61

JAVOR, IVAN, 1915-1944
"Even in captivity, I will not be silent" by Ivan Javor. Reviewed by S. Tregub. Oktiabr' 39 no. 2 156-172 F '62.

JAWS—CANCER
Telegamma therapy of advanced forms of malignant tumors of the maxilla E. M. Kuz'mina. Vop onk 8 no 3 111-114 '62

JAZZ MUSIC see subdivision under Japan

JEHOVAH'S WITNESSES
Prophets of Armageddon. A. Shysh. Voiov. ateist. no 5 19-21 My '62.

JEJUNUM—TRANSPLANTATION
X-ray study of the "stomach" created from the jejunum after gastrectomy for cancer. A A. Rits. Vest rent i rad. 37 no. 2 65-67 Mr-Ap '62.

JEJUNUM—TUMORS
Fibroma of the mesentery of the jejunum. A. A. Aksel'rod, S. M. Kalenich. Zdravookhranenie 5 no 1 60 Ja-F '62.

JET FLOW see Jets—Fluid dynamics

JETS
Calculating a turbulent jet with a very high temperature V. A. Golubev. Inzh. zhur. 1 no. 1 51-58 '61
Parameters of the supersonic gas jet in thermal drilling. A. V. Brichkin, N P. Belenko, B. F. Sherstiuk Izv. vys ucheb. zav., gor zhur 5 no. 1 100-107 '62

JETS—FLUID DYNAMICS
Effect of initial turbulence on the boundaries and range of a submerged jet. IU. A. Shcherbina. Trudy MITI no. 7 152-157 '61.

JEWS see subdivision under Lvov

JIUJITSU
Sambo is the sport of the courageous. N. Kosarin. Starsh. -serzh. no 3, 34 Mr '62.
Strength plus dexterity. A. P. Solovov. Sov. voin 44 no. 1 47 Ja '62

JIUJITSU—BIBLIOGRAPHY see Bibliography—Jiujitsu

JOHNE'S DISEASE
Bacterioscopic examination method in paratuberculous enteritis of cattle. A. I. Orlov. Veterinariia 38 no. 1 78-80 Ja '61.
Sulfanilamide therapy in paratuberculosis. T. R. Gainullin. Veterinariia 37 no. 8 27-30 Ag '60.

JOINTS—DISEASES
[Multivolume manual on pathological anatomy] Mnogotomnoe rukovodstvo po patologicheskoi anatomii. Otv. red. A. I. Strukov. Moskva, Medgiz.
Vol. 6. [Pathological anatomy of diseases of the osteoarticular system, muscles, and tendons] Patologicheskaia anatomiia boleznei kostno-sustavnoi sistemy, myshts i sukhozhilii. Red. toma T. P. Vinogradova. 1962. 518 p.
(DNLM)

JOINTS—TUBERCULOSIS
Is it possible for an articular fissure to expand in osteoarticular tuberculosis? [with summary in English]. V. P. Gratsianskii, V. A. Talantov. Vest. rent. i rad. 37 no. 2 26-29 Mr-Ap '62.
Surgical treatment of osteoarticular tuberculosis [with summary in French]. E. N. Stanislavleva. Probl. tub. no. 3 22-28 '62.

JOINTS (GEOLOGY)
(see also subdivision under Siberian Platform)
Different kinds of columnar jointing in a lava flow and its formation A. N. Sirin. Trudy Lab. vulk. no 21 50-56 '62.

JOLIOT-CURIE, IRENE, 1897-1956
Meeting dedicated to the memory of Irene Joliot-Curie. Vop. ist. est. i tekh. no. 12 241-242 '62.

JOSEPHUS, FLAVIUS
Meshcheriskii, N. A. [Significance of Old Slavic translations for the reconstruction of their archetypes; based on the material of the Old Russian translation of Flavius Josephus' "History of the Jewish War."] Znachenie drevneslavianskikh perevodov dlia vosstanovlenila ikh arkhetipov; na materiale drevnerusskogo perevoda "Istorii Iudeiskoi voiny" Iosifa Flavila. Moskva, 1958. 41 p. (IV Mezhdunarodnyi s"ezd slavistov Doklady)
(NNC)

JOURNALISM
(see also subdivision under Africa; France, Kazakhstan)
At the sources. V. Popov-Dubovskoi. Sov. pech. no. 3 32-34 Mr '62.
Editor's mail. I Artiunov and others. Sov. pech. no. 2 51-52 F '62.
Editor's mail. Sov. pech. no. 3 56-57 Mr '62.
Integrity, truthfulness and aggressiveness. G. Zimanas. Sov. pech. no. 2 8-11 F '62.
"Inter collegiate conference on the history, theory, and practice of the press dedicated to the 50th anniversary of 'Pravda', February 15-21, 1962." Reviewed by E P. Prokhorov Vest Mosk. un. Ser 7 Filol., zhur 17 no 3 91-93 My-Je '62

JOURNALISM—BIBLIOGRAPHY see Bibliography—Journalism

JOURNALISM—CONGRESSES
Forum of a free press. Sov. pech. no. 2 53 F '62.

JOURNALISM—SOCIAL ASPECTS
Editor's mail. Sov. pech. no. 2 8-17, 51-52 F '62.

JOURNALISM—STUDY AND TEACHING
(see also subdivision under Strasbourg, France)
Coordination of common efforts is necessary M. Artynov. Vest. Mosk un Ser 7 Filol., zhur. 17 no 3 94-95 My-Je '62

JOURNALISM, AGRICULTURAL
(see also subdivision under Panino District)
All should benefit from progressive experience! Z. Bilskovskii. Sov. pech. no. 2 14-17 F '62.
Spring marches across the country. Sov. pech. no. 3 1-7 Mr '62.

JOURNALISM, LABOR
(see also subdivision under Ivanovo; Sverdlovsk Province)
Tribune of the millions E. Makukhin Sov profsoiuzy 18 no 8 8 '62.
Your helper, friend and adviser L. Ioffe, N. Il'inskii, V. Golubenko Sov profsoiuzy 18 no 8 7 '62

JOURNALISM, MILITARY
Eternal fire. P. Agapov. Sov. pech. no. 2 43-44 F '62.
An excellent beginning. K. Kraiko. Voen vest. 41 no 4 70-71 Ap '62
Viktor Muratov's vocation. A. Markov. Sov. pech. no. 2 42-43 F '62.
Words which call us to great achievements. V. Riabov Komm. Vooruzh. Sil 2 no. 8 26-32 Ap '62.
"Work of a military correspondent," Reviewed by N. Sedykh. Sov. pech. no. 2 46 F '62.
"Work of military correspondents." Reviewed by M. Mikhailov. Oktiabr' 39 no. 3 216 Mr '62.

JOURNALISTS
(see also subdivision under Buryat-Mongolia, Cuba; Georgia; Kazakhstan, Moldavia; Tajikistan; Turkmenistan; Uzbekistan)
Beloved work. N. Churakov. Sov. pech. no. 3 48-49 Mr '62.
In journalistic organizations. Sov. pech. no. 2 34-36 F '62.
"Pravda" journalists as deputies of the Russian parliament. E. Fingerit. Sov. pech. no. 3 34-36 Mr '62.

JOURNALISTS—SOCIETIES, ETC.
At the creative forums. Aado Slutsk. Sov. pech. no. 3 39-40 Mr '62.
In journalistic organizations. Sov. pech. no. 3 18-23 Mr '62.
In 1962.... I. Dzhirkvelov. Sov. pech. no. 2 59-60 F '62.
What is of interest at our neighbor's? I Kravtsov and others Sov. pech no 3 40-42 Mr '62

JOURNEYS see Voyages and travels

JUDAISM—CONTROVERSIAL LITERATURE
"Toward the light," V. Atamanovich. Komm. Mold. 7 no. 4 77-78 Ap '62.

JUDICIAL STATISTICS
"Soviet judicial statistics" by S. S. Ostroumov Reviewed by A. Nikolaev Vest vys shkoly 20 no. 4,94-95 Ap '62.

JUMPING
Verkhoshanskii, IU. V. [Hop, skip, and jump (from a run), manual for trainers and ranking athletes] Troinoi pryzhok (s razbega); posobie dlia trenerov i sportsmenov-razriadnikov. Moskva, Izd-vo "Fizkul'tura i sport," 1961. 213 p.

JUNCTION TRANSISTORS
Recombination fluctuations of photocurrent in illuminated p - n-junctions D. N. Mirlin, IU. S. Karpov Fiz. tver tela 4 no 3;700-701 '62.

JURISDICTION
Problems of competence in the examination civil cases in the practice of the Supreme Court of the Ukrainian S. S. R M. Danchenko. Rad. pravo no. 2.95-101 Mr-Ap '62.

Which courts should examine the lawsuits concerning the cost of search for the persons who deserted their families. M. Matiushchenko. Rad pravo no. 2:108 Mr-Ap '62.

JURISTIC ACTS
"Collection of civil law and procedural documents." Reviewed by G. IAmenfel'd. Sov. iust. no. 6:29-30 Mr '62.

JUSTICE, ADMINISTRATION OF
(see also subdivision under Ukraine)
Follow-up of articles published in "Sotsialisticheskaia zakonnost' " Sots zakon. 29 no. 3 84 Mr '62

Problems relating to the administration of justice in the program of the CPSU. A Ryvlin Rad. pravo no. 2:16-21 Mr-Ap '62

Work of a committee for the codification of laws and preparation of new legislative enactments attached to the Council of Ministers of the Georgian S. S. R. M. K. Lomidze. Sov. gos. i pravo 32 no. 5:107-111 My '62.

JUTE
Bacterial starters for improving the high-temperature retting of China jute D. B. Gurfel'. Trudy Vses. inst. sel'khoz mikrobiol no 14;309-317 '58

JUVENILE DELINQUENCY
(see also subdivision under Mogilev)
A conference on juvenile delinquency. Sots. zakon. 30 no 3:76-79 Mr '62.

Some problems concerning the study and prevention of juvenile delinquency. E. V. Boldyrev. Sov. gos. i pravo 32 no. 5:134-137 My '62.

KABALEVSKII, DMITRII BORISOVICH, 1904-
New sonata by D. Kabalevskii. I. Zetel'. Sov. muz. 26 no. 4 98-99 Ap '62.

KABARDINO-BALKAR A. S. S. R. —AGRICULTURE
Decisions of the December Plenum on the future development of agriculture in action. K. N. Kerefov Uch. zap. Kab. -Balk. gos. un no. 8:3-26 '60

KABARDINO-BALKAR A. S. S. R. —COLLECTIVE FARMS—LABOR PRODUCTIVITY
Ways of increasing labor productivity on collective farms in the Kabardino-Balkar A. S. S. R A. I. Kuiantsev. Uch zap. Kab. -Balk. gos. un. no. 8 111-142 '60.

KABARDINO-BALKAR A. S. S. R. —LAND, NATIONALIZATION OF
Nationalization of land in Kabardino-Balkaria. T. A. Zhakomikhov. Uch zap. Kab. -Balk. gos. un. no. 8 27-50 '60.

KABARDINO-BALKAR A. S. S. R. —LAND TENURE
Feudal land ownership in Kabardia. T. A. Zhakomikhov. Uch. zap Kab -Balk. gos. un no. 8:51-69 '60

KABARDINO-BALKAR A. S. S. R. —WEASELS
Ermine Mustela erminea L. from the Greater Caucasus [with summary in English]. Zh Kh. Baziev. Zool zhur. 41 no. 1:121-124 Ja '62.

KACHALOV, VASILII IVANOVICH, 1875-1948
Vilenkin, V. IA. Kachalov. Moskva, Izd-vo "Iskusstvo," 1962. 262 p.

KACHKANAR REGION—IRON MINES AND MINING
Results of research on additional potentialities of the planned objective of the Kachkanar Mining and Ore-Dressing Combine. N. Efremovskii, S. Miasnik. Izv. vys. ucheb. zav., gor. zhur. 5 no. 2:36-40 '62.

KACHKANAR REGION—ORE DRESSING
Results of research on additional potentialities of the planned objective of the Kachkanar Mining and Ore-Dressing Combine. N. Efremovskii, S. Miasnik. Izv. vys. ucheb. zav.; gor. zhur. 5 no. 2:36-40 '62.

KADZHARAN—ORE DRESSING
Accounting for the work of the Kadzharan Ore Dressing Plant for molybdenum sulfides. V. Lutsenko. Prom. Arm. 5 no. 3:31-36 Mr '62.

KAFAN DISTRICT—SELENIUM
Occurrence forms of selenium and tellurium in ores of the Kafan deposit [with summary in English] R. N. Zar'ian. Geokhimiia no. 3:236-242 '62

KAFAN DISTRICT—TELLURIUM
Occurrence forms of selenium and tellurium in ores of the Kafan deposit [with summary in English] R. N. Zar'ian Geokhimiia no. 3:236-242 '62.

KAGAN—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK
First steps of a secretary. A Pashkova Part zhizn' [Uzb] 5 no 2 60-62 F '62.

KAGARLYK DISTRICT—AGRICULTURAL ADMINISTRATION
How an executive committee struggles for the carrying out of the seven-year plan of the development of agriculture. T Lisovyi. Rad pravo no. 2 29-33 Mr-Ap '62.

KAGUL DISTRICT—FARM MECHANIZATION
Make better use of agricultural machinery. IU. Dyshliuk. Agitator no. 10, 45-47 My '62.

KÁLA-AZÁR
Fate of the pathogen of visceral leishmaniasis in the body of Phlebotomus (comparative infectiousness of Phlebotomus). A. I. Lisova. Med zhur. Uzb no. 2 35-39 F '62.

Visceral leishmaniasis, diagnosis, treatment, and prevention A. I. Shchurenkova. Zdrav. Tadzh. 9 no. 1 9-22 Ja-F '62.

KALANTAR, AVETIS ARAPETOVICH, 1859-1937
Bagdasarian, A. M. [Avetis Kalantar; his life and activities] Avetis Kalantar; ocherk o zhizni i deiatel'nosti. Erevan, Armianskoe gos. izd-vo, 1959, 239 p.

KALBA RANGE—PEGMATITES
"Pegmatites and hydrothermal solutions in the Kalba Range" by S. G. Shalbo. Reviewed by N. Litvinovich. Izv. AN Kazakh. SSR Ser. geol. no. 4:109-112 '59

KALIMULLIN, IL'GIZ
Man who conquered disease. I. Kinder Sots. obesp. 23 no. 5 36-37 My '62.

KALININ—BOARDING SCHOOLS
We are raising the man of the future today E. Maksimova Shkola-int. no 2:7-11 Mr-Ap '62.

KALININ—BOOTS AND SHOES, RUBBER
Potentialities in the manufacture of microporous soles in the "Iakozh" Combine. N. V. Beliakova, A. D. Zaionchkovskii, S. I. Ovchinnikov. Kozh. -obuv. prom. 4 no. 2: 21-23 F '62.

KALININ—PENSIONS
Machine accounting. Sots obesp 23 no 5:16 My '62.

KALININ PROVINCE—AGRICULTURE—SAFETY MEASURES
Activists of the "Seitkhovo" State Farm set an example. V Rozov. Okhr. truda i sots. strakh. 5 no. 4 14-15 Ap '62.

KALININ PROVINCE—COLLECTIVE FARMS—TAXATION
More on collective farm income tax. L. Gorbunov. Fin. SSSR 23 no. 4:65-66 Ap '62.

KALININ PROVINCE—SUGAR BEETS
Sugar fields. V. D. Gogol' IUn nat. no. 3 15-16 Mr '62.

KALININGRAD—WORLD WAR, 1939-1945
Medvedev, K. N., comp. [You fought heroically for our motherland] Geroiski bilis' vy za Otechestvo; sbornik. [Kaliningrad] Kaliningradskoe knizhnoe izd-vo, 1961. 141 p.
(MH)

KALININGRAD PROVINCE—PUNCHED CARD SYSTEMS
The punched card accounting system. B. Alakhov. Bukhg. uchet 19 no. 4:56-61 Ap '62.

KALINKOVICHI—FUR FARMING
A fur "factory." IU. Poliak. Belarus' 19 no. 4;8 Ap '62.

KALMYK A. S. S. R. —AGRICULTURE
First results. G. B. Bembinov. Vest. sel'khoz. nauki 7 no 3:27-28 Mr '62

KALUGA—THEATER
On the way to the stars. I. Shedvigovskii. Teatr 23 no 5;169 My '62

KALUGA PROVINCE—COLLECTIVE FARMS
The economically weak collective farm will become a leader. G Sonin. Ekon. sel'khoz. 33 no. 2;52-55 F '62.

KALUGA PROVINCE—REVOLUTION, 1917-1921—PERSONAL NARRATIVES
Kommunisticheskaia partiia Sovetskogo Soiuza, Kaluzhskii oblastnoi komitet. Partiinyi arkhiv. [The Kaluga Bolsheviks; collected reminiscences] Kaluzhskie bol'shevichki; sbornik vospominanii. [Kaluga] Kaluzhskoe . knizhnoe izd-vo, 1960. 217 p.
(WU) (MH)

KALUGA PROVINCE—RICKETS
Mass prevention and treatment of rickets with maximum doses of vitamin D in Kaluga Province. I. L. Frenkel', V. O. Gotlib, E. S. Kuzovkova. Pediatriia no. 4 52-54 '62.

KAMA RESERVOIR—WATER, UNDERGROUND
Hydrogeological conditions of the territory of the Kama Reservoir A. I. Belolikov Razved i okh. nedr 28 no 4 48-50 Ap '62

KAMA VALLEY—AGRICULTURE
Some problems in the agricultural system of the Kama Valley A. A. Ziganshin Zemledelie 24 no 4 16-19 Ap '62.

KAMA VALLEY—WATER, UNDERGROUND
Hydrogeological features of the Belebey sediments of the middle Kama Valley G. K. Mikhailov. Izv vys. ucheb zav. geol i razv 5 no 3;109-114 Mr '62.

KAMCHATKA—DISTOMATOSIS
Lamblia and Opisthorchis carrier states in Kamchatka [with summary in English] L. T. Babkin. Klin. med no 2;98-100 '62.

KAMCHATKA—GEOLOGICAL SURVEYS
Magnetic survey in the region of the Avacha group of volcanoes in Kamchatka G S Shteinberg, L A Rivosh, A. M Chirkov. Geol i geofiz. no. 2 101-108 '62

KAMCHATKA—GIARDIASIS
Lamblia and Opisthorchis carrier states in Kamchatka [with summary in English]. L. T. Babkin. Klin. med. no. 2;98-100 '62.

KAMCHATKA—MAGNETISM, TERRESTRIAL
Magnetic survey in the region of the Avacha group of volcanoes in Kamchatka G S Shteinberg, L. A Rivosh, A M Chirkov Geol i geofiz. no. 2, 101-108 '62.

KAMCHATKA—NATURAL RESOURCES
Akademiia nauk SSSR. Dal'nevostochnyi filial, Vladivostok. [Materials on the natural resources of Kamchatka and the Kurile Islands] Materialy po prirodnym resursam Kamchatki i Kuril'skikh ostrovov. Pod red. A. V. Strotsenko i D. P. Vorob'eva. [Magadan] Magadanskoe knizhnoe izd-vo, 1960. 165 p.
[MICROFILM]

KAMCHATKA REGION—FISHES
Spawning of commercial fish in waters adjacent to the northern Kurile Islands and southern Kamchatka. V. A. Mukhacheva. Trudy Inst. okean. 36:259-274 '59

KAMEN' (NOVOZYBKOV DISTRICT—COOPERATIVE SOCIETIES
Outstanding worker. I Gulin Sov. potreb. koop. 6 no. 4: 13 Ap '62.

KAMENETS-PODOL'SKIY—HISTORICAL MUSEUMS
Kamenets-Podol'skiy. Derzhavnyi istorychnyi muzei-zapovidnyk. [Concise guide] Korotkyi putivnyk. Kam'ianets'-Podil's'kyi, 1960. 42 p.
(MH)

KAMENNAYA STEPPE—WATER, UNDERGROUND
Evaluation of the results of a long-range forecast of ground water levels in the Kamennaya Steppe. V. A. Korobeinikov Razved i okh. nedr 28 no. 3 49 Mr '62.

KAMENNYE MOGILY PRESERVE—LICHENS
Epilithic groups of lichens of the Kamennye Mogily Preserve in the southern Ukraine [with summary in English]. A. M Oksner. Ukr. bot. zhur. 19 no. 1:72-83 '62.

KAMENNYE MOGILY PRESERVE—STEPPE FLORA
Certain aspects of the vegetation of the Kamennye Mogily Preserve [with summary in English]. L. S. Ponova. Ukr. bot. zhur. 19 no 1, 107-113 '62.

KAMENSK-URAL'SKIY—SCHOOL SUPERVISION
District office of public education inspects schools. M. Zapevalov. Nar. obr. no. 4, 20-22 Ap '62.

KANASH—RAILROADS—REPAIR SHOPS
Mechanization and automation of production in the Kanash Car Repair Plant. V. T. Kuznetsova, A. K. Soroka. Zhel. dor. transp. 44 no. 4;60-63 Ap '62.

KANASH DISTRICT—RURAL CONDITIONS
From the editor's mail. Agitator no. 6:58-59 Mr '62.

KANGAROOS
Small kangaroo in a stocking Jan Żabinski. IUn. nat. no. 3;21-23 Mr '62.

KAOLIN see subdivision under Tajikistan

KARA-KALPAK A. S. S. R. —ECONOMIC CONDITIONS
The 30th anniversary of the Kara-Kalpak A. S. S. R. S. Tatybaev. *Obshchestv. nauki v Uz.* 5 no. 3:27-32 '62.

KARA KUM—CLIMATE
Climatic description of Kara Kum. O. A. Semenova. Trudy Sred.-Az. nauch.-issl. gidrometeor. inst. no. 6:95-151 '61.

KARA KUM—DESCRIPTION AND TRAVEL
Subjugation of the desert. V Sakk. Sov foto 22 no 4 1-4 of insert Ap '62.

KARA KUM—GEOLOGY, STRATIGRAPHIC
Teronian of the Krasnovodsk Peninsula and the central Kara Kum M M Fortukov, B A Levshin Izv AN Turk SSR. Ser fiz -tekh., khim i geol nauk no 2 125-126 '62.

KARA KUM—SAND
Binding properties of fine-grained shifting sands. D D Dzhigiris. Izv. AN Turk. SSR, Ser fiz -tekh , khim i geol. nauk no. 2 65-70 '62.
Wind velocity calculation near the ground in the study of sand transportation N. IA Miagkov Izv AN Turk SSR Ser fiz -tekh , khim i geol nauk no 2 111-115 '62.

KARA KUM—WATER, UNDERGROUND
Subsurface discharge of deep-seated waters in the Kara Kum artesian basin. I G Borzasekova Izv. AN Turk SSR Ser fiz -tekh , khim i geol nauk no 2 99-105 '62

KARA-MAZAR MOUNTAINS—ANKERITE
Ankerite from the southwestern Kara-Mazar Mountains. M. I. Moiseeva. Uzb geol. zhur 6 no 2:18-21 '62

KARA SEA—HYDROLOGY
[Hydrological yearbook] Gidrologicheskii ezhegodnik. Leningrad Gidrometeor Izd-vo.
1950. Vol. 6. [Basin of the Kara Sea (western part)] Bassein Karskogo moria (zapadnaia chast')
No. 0-3. Pod red. E. P. Shustova, 1961 300 p.

KARA-TAU—ARCHAEOLOGY
Akademiia nauk Kazakhskoi SSR, Alma-Ata. Institut istorii, arkheologii i etnografii. [Archaeological explorations at the northern slopes of Kara-Tau] Arkheologicheskie issledovaniia na severnykh sklonakh Karatau. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1962. 219 p. (Trudy, vol. 14)

KARA-TAU—GEOLOGY, STRATIGRAPHIC
Stratigraphy of Jurassic sediments in the Taskomyrsay coal deposit. A K Buvalkin. Uch. zap Kazakh un 37 no 4 46-60 '58

KARA-TAU—PHOSPHORITES
Removal of ballast carbonates from Kara-Tau phosphorite ores E. B. Shternina, E. V Frolova Zhur prikl khim 35 no 4 751-756 Ap '62

KARABALYNSKIY DISTRICT—CHERNOZEM SOILS
Development of Azotobacter in Chernozem soils S. P. Norkina and others Trudy Vses. inst. sel'khoz mikrobiol no 14:49-62 '58.

KARACHAI-CHERKESS AUTONOMOUS PROVINCE—MEDICINE, RURAL
"Ul'iannie" trips. G. Sokolov Zdorov'e 8 no. 1:27-28 Ap '62.

KARACHAROV, TROADII SERGEEVICH, 1901-1961
In memory of Troadii Sergeevich Karacharov. Gig. truda i prof zab 6 no 3:62 Mr '62

KARAGANDA—THEATER
Age of a theater. G. Shcherbina Teatr 23 no. 5:81-88 My '62

KARAGANDA BASIN
Malybaev, O. M. [Struggle of the CPSU for the establishment and development of the third coal basin in the U. S. S. R.] Bor'ba KPSS za sozdanie i razvitie tret'ei ugol'noi bazy SSSR. Alma-Ata, Kazgosizdat, 1961. 406 p.
(MH)

KARAGANDA BASIN—COAL MINES AND MINING
Coal trusts are unnecessary organizations. E. Karlik. Nar. khoz. Kazakh. 20 no. 3:70-79 Mr '62.

KARAGANDA BASIN—ROCK PRESSURE
Some feature of the nature of the dislocation of rocks in second underminings in the Karaganda Basin. Zh. M. Kanlybaeva. Trudy Inst. gor. dela AN Kazakh. SSR 6:65-75 '61.

KARAGANDA PROVINCE—CANCER
Regional characteristics of the distribution of cancer in Karaganda Province. O. I. Biber. Vop. onk. 8 no. 4 95-96 '62.

KARAGANDA PROVINCE—SUGGESTION SYSTEMS
Qualitative indices are the main thing in promoting efficiency. I. Zhizlin. Nar. khoz. Kazakh. 20 no. 3:43-47 Mr '62.

KARAGANDA PROVINCE—TECHNOLOGICAL INNOVATIONS
Qualitative indices are the main thing in promoting efficiency. I. Zhizlin. Nar. khoz. Kazakh. 20 no. 3:43-47 Mr '62

KARAGANDA REGION—COMMUNIST PARTY OF THE SOVIET UNION
Malybaev, O. M. [Struggle of the CPSU for the establishment and development of the third coal basin in the U. S. S. R.] Bor'ba KPSS za sozdanie i razvitie tret'ei ugol'noi bazy SSSR. Alma-Ata, Kazgosizdat, 1961. 406 p.
(MH)

KARAGANDA VALLEY—AGRICULTURE
Irtysh-Karaganda Canal and bringing virgin lands of its zone under cultivation D. P. Izmumov Gidr i mel 14 no. 3:9-15 Mr '62

KARAJAN, HERBERT VON, 1908-
Three portraits M. Rubin. Sov muz 26 no 4 90-93 Ap '62

KARAKUL' DISTRICT—COTTON GROWING
Sharafat Barakneva V. Popkov Nar. khoz. Uzb 4 no. 3:26-28 Mr '62.

KARBYSHEV, DMITRII MIKHAILOVICH, 1880-1945
"Soldier, hero, scientist, reminiscences about D M Karbyshev" Compiled by D. S Borisov, M K Shevchuk Voen vest 11 no 3 126-127 Mr '62

KARELIA—FORESTS AND FORESTRY
IAkovlev, F. S., and V. S. Voronova. [Forest types in Karelia and their natural zoning] Tipy lesov Karelii i ikh prirodnoe raionirovanie. Petrozavodsk, Gos. izd-vo Karel'skoi ASSR, 1959. 189 p.
(DA)

KARELIA—LUMBERING—AUDITING AND INSPECTION
There, where accounting and control are organized badly M Zhukov Fin SSSR 23 no. 4-50-52 Ap '62

KARELIA—REVOLUTION, 1917-1921
"The Onega Flotilla during the civil war and foreign intervention, 1918-1920" by K A Morozov Reviewed by K. Bezpal'chev. Voen.-ist. zhur 4 no. 4,105-107 Ap '62.

KARELIAN ISTHMUS—AGRICULTURE
Natural conditions and some problems of the development of agriculture in the central part of the Karelian Isthmus [with summary in English]. T. G Abramova and others. Vest. LGU 17 no. 6:109-120 '62.

KARIMATA STRAIT—OCEAN CURRENTS
Strange phenomenon in a strait at the equator. L. I. Galerkin, V. A. Shagin. Priroda 51 no. 4:101-102 Ap '62.

KARLOWICZ, JAN, 1826-1903
Jan Karlowicz and Moscow University. S L Belza Vest Mosk. un Ser. 7 Filol., zhur 17 no 2 59-67 Mr-Ap '62.

KARPINSK—ELECTRIC POWER—PERIODICALS
Conference of the readers of "Promyshlennaia Energetika" held at the Bogoslovsk Aluminum Factory N. P. Vostretsova, V. IA. Blinkina. Prom. energ. 17 no 4: 51 Ap '62.

KARPINSK REGION—EXCAVATING MACHINERY—EQUIPMENT AND SUPPLIES
Practice of using excavator cables in pits of the Vakhrushevugol' Trust. B. I Punev, S I Mikhailovskii. Izv. vys. ucheb zav , gor. zhur 5 no 2, 140-148 '62

KARPINSKII, ALEKSANDR PETROVICH, 1846-1936
Academician A. P. Karpinskii, founder of Soviet geology. G. D. Kurochkin. Vop. ist. est. i tekh. no. 12 234-236 '62.

KARSAKPAY REGION—JASPILITE
Jaspilite formation of the volcanic siliceous series in the Karsakpay synclinorium. M S. Markov. Zakonom. razm. polezn. iskop 2:221-243 '59

KARSKII, EVFIMII FEDOROVICH, 1860-1931
Evfimii Fedorovich Karskii. P. S. Kuznetsov. Izv. AN SSSR. Otd. lit. i iaz. 20 no. 1:94-96 Ja-F '61.
The founder of White Russian linguistics and philology. V. I. Barkouski. Pratsy Inst. mov. AN BSSR no. 8 3-17 '61.

KARSKII, EVFIMII FEDOROVICH, 1860-1931—BIBLIOGRAPHY see Bibliography—Karskii, Evfimii Fedorovich, 1860-1931

KARST
(see also subdivision under Caucasus; Gornaya Shoriya; Moscow region; Soviet Central Asia; Volgograd Province)
Direct methods of determining the sites of discharge and intake of waters on the bottoms of the rivers and reservoirs in karst provinces. A. A. Ogil'vi. Inform. sbor. Mezhd. kom. po izuch. geol. geogr. kar. no. 1:154-163 '60
M. V. Lomonosov and the studies of karst. D I. Gordeev Inform. sbor. Mezhd. kom. po izuch. geol. geogr. kar. no. 1, 203-206 '60.
Methods for describing caverns and other large karst manifestations in the U. S. S. R. I. I. Sokolov. Inform. sbor. Mezhd. kom. po izuch. geol. geogr. kar. no 1:78-85 '60.
Modeling caving surface sediments in karst provinces A S. Devdariani Inform sbor Mezhd kom. po izuch geol geogr kar. no. 1 111-126 '60.
Study of karst phenomena by the participants of the All-Union Pioneers and Students Expeditions S I Zvonareva. Inform sbor. Mezhd kom. po izuch geol. geogr kar no. 1 227-232 '60

KARST—CLASSIFICATION
Basic principles of the classification of karst processes V. A Apriodov. Inform sbor Mezhd. kom. po izuch. geol geogr kar. no. 1 127-139 '60
Typological classification of karst. N I. Sokolov Inform sbor. Mezhd kom po izuch geol geogr. kar no 1 140-153 '60

KARST—CONGRESSES
Decision of the Conference on the Study of Karst in the U. S. S R , 1956 Inform sbor Mezhd kom po izuch. geol geogr kar no. 1 9-28 '60.
Reports at the plenary session of the Conference of the Interdepartmental Commission on the Study of the Geology and Geography of Karst, February 4-5, 1959. Inform sbor. Mezhd. kom po izuch. geol geogr kar no 1 46-77 '60

KARST—RESEARCH
Activity of the geological section of the Moscow Naturalists' Society in studying karst, 1956-1959 N A Gvozdetskii, A. G Chikishev Inform sbor. Mezhd. kom po izuch geol geogr kar. no. 1 218-223 '60
Decision of the Conference on the Study of Karst in the U S S. R , 1956. Inform sbor. Mezhd. kom po izuch. geol. geogr kar. no. 1 9-28 '60.
Information on the work of the Interdepartmental Commission on the Study of the Geology and Geography of Karst of the Department of Geological and Geographical Sciences of the Academy of Sciences of the U. S. S. R. Inform. sbor. Mezhd. kom po izuch. geol geogr. kar. no. 1, 29-45 '60.
Preface Inform. sbor. Mezhd kom po izuch geol geogr kar no 1, 5-8 '60
Reports at the plenary session of the Conference of the Interdepartmental Commission on the Study of the Geology and Geography of Karst, February 4-5, 1959 Inform. sbor Mezhd. kom po izuch. geol. geogr. kar no 1 46-77 '60.

KARSUN DISTRICT—ROTATION OF CROPS
A rural soviet controls the rotation of crops. P. Grachev. Sov. deput. trud. no. 4, 23-24 Ap '62.

KARVATSKII, VITALII SAMOILOVICH
Ruben, B. S. [Comander's fortune; a sketch] Schast'e komandira, ocherk. Moskva, Voen. izd-vo M-va obor. SSSR, 1962. 30 p. (Geroi-sovremenniki)

KARYOKINESIS
Correlation of the intensity of protein and nucleic acid metabolism and mitotic activity during the proliferation and differentiation of the epidermis [with summary in English]. A. A. Zavarzin. Arkh. anat., gist. i embr. 40 no 5 18-26 My '61.

KASHEVAROVA-RUDNEVA, VARVARA ALEKSANDROVNA, 1846-1899
Portrait of the first Russian woman physician. N. Sosedko. Iskusstvo 25 no. 3:62-63 '62

KASHPUR, VLADIMIR
Heroes played by Vladimir Kashpur. IU Smelkov. Isk. kino no. 3:69-73 Mr '62.

KASIMOV—DESCRIPTION
A small town. Viktor Poltoratskii. Oktiabr' 38 no. 3: 137-143 Mr '62.

KATAYAMA DISEASE see Schistosomiasis

KATUN, ALEKSANDR IVANOVICH
From rare books. I. Basalaev. Neva no. 2, 222 '62.

KAUNAS—WATER SUPPLY
Utilization of infiltration waters as a source of a central water supply. E. M. Starkas, V. Juodkazys. Gig. i san. 27 no. 3:64-66 Mr '62.

KAZAKH ART see Art, Kazakh

KAZAKH LITERATURE
Gorskii, V., and N. Rovenskii, comps. [Ten unforgettable days; the ten-day festival of Kazakh art and literature in Moscow, December 1958] Desiat' nezabyvaemykh dnei; dekada kazakhskogo iskusstva i literatury v Moskve, dekabr' 1958. Alma-Ata, Kazakhskoe Gosilitizdat., 1961. 319 p.
(MH)

KAZAKH LITERATURE—HISTORY AND CRITICISM
"Kazakh literature" by Mukhamedzhan Karataev. Reviewed by K. Altaiskii. Vop. lit. 5 no. 12:223-224 D '61.
Obligations to readers and writers. Mukhamedzhan Karataev. Vop. lit. 6 no. 4:44-57 Ap '62.

KAZAKH MUSIC see Music, Kazakh

649080 O - 62 - 11

KAZAKHSTAN—ACTINOMYCES

Distribution of antagonistic actinomyces in the soils of eastern Kazakhstan U. A. Sarbaeva. Trudy Inst. mikrobiol i virus AN Kazakh SSR 5,32-38 '61

KAZAKHSTAN—AGRICULTURAL MACHINERY—MAINTENANCE AND REPAIR

Some problems in the economics of the repair of agricultural machinery in Kazakhstan. D. G. Kondakhchian. Och. po sovr. sov. i zarub. ekon. no. 2:149-172 '61.

KAZAKHSTAN—AGRICULTURAL MACHINERY INDUSTRY

The orders of Soviet farms should be filled without delay. P. Shtiarov. Part. zhizn' Kazakh. 31[i. e. 32] no 4: 10-12 Ap '62.

KAZAKHSTAN—AGRICULTURE

Carry out the decisions of the March Plenum of the Central Committee of the CPSU A. Baranov. Nar. khoz. Kazakh. 20 no. 3, 3-10 Mr '62.

A concern of the party and the Soviet people Part zhizn' Kazakh 31[i. e. 32] no 4: 3-9 Ap '62

[Famous for their work] Proslavlennye trudom. Alma-Ata, Kazakhskoe gos. izd-vo, 1960 286 p. (DA)

The land is calling. V. TSyganov. Sov profsoiuzy 18 no. 9: 4-5 My '62.

KAZAKHSTAN—ANTIQUITIES

New materials relating to the early history of the nomadic tribes of Kazakhstan M. K. Kadyrbaev. Izv. AN Kazakh SSR. Ser. ist., arkheol. i etn no. 1 70-83 '62.

KAZAKHSTAN—APARTMENT HOUSES

Put apartment houses in operation on time. I. Tarasova. Ekon. stroi no 1 61-63 Ja '62

KAZAKHSTAN—AUTOMOBILES, GOVERNMENT

How they use "special-purpose" motorcars. Sov. deput. trud. no 4 102 Ap '62.

KAZAKHSTAN—BEES

Bees (Hymenoptera, Apoidea) as pollinizer of some steppe plants in central Kazakhstan [with summary in English] A. A. Ponomareva Ent oboz 41 no. 1, 76-82 '62.

KAZAKHSTAN—BIOTITE

Changes of the biotite composition and conditions governing its stability in granitoids of different petrochemical types as revealed by the study of biotites of the Kalbinsky massif (central Kazakhstan) [with summary in English]. L. V. Dmitriev, R. P. Kotina, R. P. Moiseeva. Geokhimiia no. 3: 220-235 '62.

KAZAKHSTAN—BOROSILICATES

Distribution of borosilicates in a deposit (central Kazakhstan). V. A. Sokolov, V. A. Cheverdin Uch. zap Kazakh. un 37 no 1 98-103 '58.

KAZAKHSTAN—BUILDING MATERIALS INDUSTRY—FINANCE

Important factor in raising the effectiveness of capital investments. G. Shtinaev, L. Sakulinskii. Nar. khoz. Kazakh. 20 no. 3: 21-24 Mr '62.

KAZAKHSTAN—CARDIOVASCULAR SYSTEM

Need for sanatorium and health resort treatment of patients with diseases of the cardiovascular system in the Kazakh S. S. R. A. G. Adyrkhaev. Izv. AN Kazakh. SSR. Ser. med. i fiziol no. 2 35-40 '61.

KAZAKHSTAN—CERAMIC PLANTS

Linear programming method in planning the optimum distribution of industrial enterprises producing building materials. I. Birman. Ekon. stroi. no 3: 52-59 Mr '62.

KAZAKHSTAN—CHIGGERS (MITES)

New species of the trombiculid mite of the genus Neotrombicula Hirst, 1925 (Acariformes, Trombiculidae) from the Kazakh and the Uzbek S. S. R. [with summary in English]. E. G. Shluger. Zool. zhur. 41 no. 4, 631-632 Ap '62.

KAZAKHSTAN—CLOTHING INDUSTRY

It is necessary to concentrate the clothing industry. A. Kudriavtseva. Nar. khoz. Kazakh. 20 no. 3: 59-61 Mr '62.

KAZAKHSTAN—COAL GEOLOGY

Akademiia nauk SSSR. Laboratoriia geologii uglia. [History of the lower Mesozoic coal accumulation in Kazakhstan] Istoriia Nizhnemezozoiskogo uglenakopleniia v Kazakhstane. Part 2. Moskva, Izd-vo Akad. nauk SSSR, 1961. 252 p. 53 plates. (Trudy, no. 13)

Slatvinskaia, E. A. [Conditions governing the formation of the coal-bearing Carboniferous in central Kazakhstan; Ak-Kuduk and Ashlarik series] Usloviia obrazovaniia uglenosnogo karbona TSentral'nogo Kazakhstana; nkkudukskaia i ashlarikskaia svity. Moskva, Izd-vo Akad. nauk SSSR, 1962. 126 p. 16 plates. (Akademiia nauk SSSR. Laboratoriia geologii uglia, Trudy, no. 14)

KAZAKHSTAN—COMMUNICATION AND TRAFFIC

Noskov, A. A. [Forty years of Kazakhstan communications] Sviaz' Kazakhstana za 40 let. Alma-Ata, Ob-vo po rasprostraneniiu polit. i nauch. znanii Kazakhskoi SSR, 1960. 40 p.

KAZAKHSTAN—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

The central problem of our work M. Savel'ev Part zhizn' Kazakh 31[i. e. 32] no 4 17-21 Ap '62

Party news Part zhizn' Kazakh. 31[i. e. 32] no. 4 79-80 Ap '62

KAZAKHSTAN—COPPER ORES

Geological regularities in the distribution of cupreous sandstones in central Kazakhstan and the northern Tien Shan. V. M. Popov Zakonom. razm. polezn. iskop 2 183-208 '59.

KAZAKHSTAN—CRANIOLOGY

A trepanned skull from the Kazakh S. S. R. P. Boev, O. Ismagulov. Sov. etn no 2: 131-132 Mr-Ap '62

KAZAKHSTAN—CRIME AND CRIMINALS

Struggle against loafers V. Kim Sots. zakon 39 no 3 46-48 Mr '62.

KAZAKHSTAN—ECONOMIC CONDITIONS

Alma-Ata. Gosudarstvennaia respublikanskaia publichnaia biblioteka. [The 40th anniversary of the Kazakh Soviet Socialist Republic; methodological materials for lectures and talks] K sorokolettiiu Kazakhskoi Sovetskoi Sotsialisticheskoi Respubliki; metodicheskie materialy. Sbornik II. Alma-Ata, 1960. 20 p.

[MICROFILM]

"Bypassing the stage of capitalism, the transition of the Soviet Republics of Central Asia and Kazakhstan to socialism" Reviewed by P. P. Epifanov Nar Azii i Afr no 2 213-219 '62

KAZAKHSTAN—ECONOMIC POLICY

Improve the balances of materials. I. Zhachev. Nar. khoz. Kazakh. 20 no. 3: 16-20 Mr '62.

In the State Planning Commission of the Kazakh S. S. R. Nar khoz. Kazakh. 20 no. 3: 93-95 Mr '62

KAZAKHSTAN—ECONOMIC ZONING

Concerning B. IA. Dvoskin's article "Economic zoning of Kazakhstan" M. R. Plotkin. Uch. zap. Kazakh. un. 37 no. 1: 178-179 '58

Division into periods of the history of economic zoning in Kazakhstan. B. IA. Dvoskin Uch. zap Kazakh un 37 no. 4: 155-168 '58

Once more about the economic zoning of Kazakhstan: answer to M. R. Plotkin. B. IA. Dvoskin. Uch. zap. Kazakh. un 37 no. 4: 179 '58.

KAZAKHSTAN—ETHNOLOGICAL RESEARCH

Some problems of scholarly research in the Ch. Ch. Velikanov Institute of History, Archaeology, and Ethnography of the Academy of Sciences of the Kazakh S. S. R and the decisions of the 22d Congress of the CPSU. Izv. AN Kazakh. SSR Ser. ist., arkheol. i etn no. 1: 3-9 '62.

KAZAKHSTAN—EVIDENCE, EXPERT

Work of the supreme courts and public prosecutors of the Union Republics. N. Z Sots. zakon 39 no. 3: 80 Mr '62

KAZAKHSTAN—FALLOWING

Green fallows in northern Kazakhstan D. A. Zykov. Trudy AZVI 9 36-41 '56.

KAZAKHSTAN—FISHERIES

Why fish population is diminishing. K. Kulenov. Nar. khoz. Kazakh. 20 no. 3: 30 Mr '62.

KAZAKHSTAN—GEOLOGY

Editor's mailbox. V. P. Nekhoroshev Geol. rud. mestorozh no 2 116-118 Mr-Ap '62.

KAZAKHSTAN—GEOLOGY, STRATIGRAPHIC

Paleophytologic basis of the carboniferous stratigraphy of Kazakhstan. M. I. Radchenko. Izv. AN Kazakh. SSR Ser. geol. no. 4: 3-7 '59.

KAZAKHSTAN—GEOLOGY, STRUCTURAL

Inheritance of fold and platform structures in central Kazakhstan. A. E. Repkina. Uch. zap Kazakh. un. 37 no. 4: 3-28 '58.

KAZAKHSTAN—HISTORICAL RESEARCH

Some problems of scholarly research in the Ch. Ch. Velikanov Institute of History, Archaeology, and Ethnography of the Academy of Sciences of the Kazakh S. S. R. and the decisions of the 22d Congress of the CPSU. Izv. AN Kazakh. SSR. Ser. ist., arkheol. i etn. no. 1: 3-9 '62.

KAZAKHSTAN—HISTORY

A few words about a critical review. T. Zhangel'din, P. Pakhmurnyi. Vop. ist. KPSS 6 no. 2: 147-150 '62.

"Pravda's" appeals fell on fertile ground. A. Mukhtarov. Part zhizn' Kazakh. 31[i. e. 32] no. 4: 52-54 Ap '62.

KAZAKHSTAN—INDUSTRIAL PROCUREMENT

Improve the balances of materials. I. Zhachev. Nar. khoz. Kazakh. 20 no. 3: 16-20 Mr '62.

KAZAKHSTAN—INDUSTRIES

In Soviet Kazakhstan. Nar. khoz. Kazakh. 20 no. 3: 48 Mr '62.

KAZAKHSTAN—IRON MINES AND MINING

Outlook for developing the open-pit method of mining iron ores in Kazakhstan O. I. Alekseev, N. I. Smirnov. Trudy Inst. gor. dela AN Kazakh SSR 8: 15-25 '61

KAZAKHSTAN—IRON MINES AND MINING—FINANCE

Financing the repair work I. Grossov Nar. khoz. Kazakh 20 no. 3: 76-77 Mr '62.

KAZAKHSTAN—JOURNALISM

Fetisov, M. I. [Beginnings of Kazakh journalism] Zarozhdenie kazakhskoi publitsistiki. Alma-Ata, Kazakhskoe Goslitizdat., 1961. 437 p. (MH)

KAZAKHSTAN—JOURNALISTS

Shoulder to shoulder. IU. Kulushkin Sov. pech. no 4: 17-18 Ap '62.

KAZAKHSTAN—LABOR PRODUCTIVITY

Dmitlov, A. M. [Principal factor in increasing the productivity of labor in Kazakh industry] Glavnyi faktor povysheniia proizvoditel'nosti truda v promyshlennosti Kazakhstana Alma-Ata, Kazgosizdat, 1960. 145 p. (MH)

KAZAKHSTAN—LAMBS—DISEASES AND PESTS

Bronchopneumonia rate in lambs. IA. I Klenshov and others. Veterinariia 37 no. 8: 51-55 Ag '60

KAZAKHSTAN—MACHINERY INDUSTRY

Life has brought forward new tasks. M. Stolfinovn. Nar. khoz. Kazakh 20 no. 3: 11-15 Mr '62.

KAZAKHSTAN—MAGNETIC PROSPECTING

Some problems relative to the methods of interpreting aeromagnetic data in Kazakhstan. I. I. Kronidov, A. A. Dukhovskii. Izv. AN Kazakh. SSR Ser. geol. no 4: 88-100 '59.

KAZAKHSTAN—MAGNETISM, TERRESTRIAL

Magnetic clearing of samples of the effusive rocks of Kazakhstan B. Sh. Rusinov, I. E. Sholpo. Izv. AN SSSR. Ser. geofiz. no. 4: 529-533 Ap '62

KAZAKHSTAN—MINE DUSTS

Dustiness of the air in several Kazakhstan pits. M. I. Volokhov, V. P. Prishchenko, N. D. Popov. Trudy Inst. gor. dela AN Kazakh SSR 8: 180-183 '61.

KAZAKHSTAN—MINE RAILROADS

Use of a bunker train in drifting. B. M. Gludin, V. N. Beliashov, V. N. IUrkov, Shakht. stroi 6 no. 4: 4-5 Ap '62.

KAZAKHSTAN—MINING ENGINEERING

Development of mining systems in Kazakhstan. I. Z. Lysenko. Trudy Inst. gor. dela AN Kazakh. SSR 8, 3-14 '61.

KAZAKHSTAN—NONFERROUS METAL INDUSTRIES

Efficient utilization of ore deposits I. Malkin, V. Pivovarov. Nar. khoz. Kazakh. 20 no 3: 82-86 Mr '62.

History of the prewar struggle of the Communist Party of Kazakhstan for the development of the nonferrous metal industries. K. Sarsenov Izv. AN Kazakh. SSR. Ser. ist., arkheol. i etn. no. 1: 26-36 '62.

KAZAKHSTAN—PATENTS—BIBLIOGRAPHY

A good aid for persons of creative ability. S. Fokumenov Nar. khoz. Kazakh. 20 no. 3: 80 Mr '62.

KAZAKHSTAN—PRINTING PLANTS—LIGHTING

Reflecting incandescent lamps instead of arc lamps M. I. Bellilovskii. Poligr. proizv. no 11: 23 N '61.

KAZAKHSTAN—QUARTZ

Crystal-bearing quartz veins of central Kazakhstan. S. D. Dmitriev, N. N. Vorontsov. Trudy VSEGEI 57: 65-93 '61.

Crystal-bearing quartz veins of the western part of central Kazakhstan and physicochemical conditions of their formation. A. I. Zakharchenko Trudy VSEGEI 57: 111-133 '61.

Structure and textures of the vein quartz in rare metal stockworks in central Kazakhstan. N. P. Sanchilo. Izv. AN Kazakh. SSR Ser. geol. no. 4: 58-69 '59.

KAZAKHSTAN—QUARTZITE

Genesis, composition, localization, and mineralization of secondary quartzites M. P. Russkov, G. M. Frenel. Uch. zap. Kazakh. un. 37 no 4: 61-81 '56

KAZAKHSTAN—RAILROADS

Engineers are responsible for economic indices. I. Vasil'chev. Nar. khoz. Kazakh. 20 no. 3: 38-42 Mr '62.

KAZAKHSTAN—REVOLUTION, 1917-1921

Dosymbekov, S. N., and S. B. Kul'baev. [The 40th anniversary of the Soviet Kazakh state] Sorokaletie obrazovaniia Kazakhskoi Sovetskoi gosudarstvennosti. Alma-Ata, Ob-vo po raspr. polit. i nauchn. znanii Kazakhskoi SSR, 1960. 61 p.

Early history of the party organization of Kazakhstan. P. Pakhmurnyi. Part. zhizn' Kazakh. 31[i. e. 32] no. 4: 46-61 Ap '62.

Eleuov, T. E. [Establishment and consolidation of the Soviet regime in Kazakhstan, March 1917-June 1918] Ustanovlenie i uprochenie Sovetskoi vlasti v Kazakhstane, mart 1917-iiun' 1918 goda. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1961. 527 p.

KAZAKHSTAN – REVOLUTION, 1917-1921 (Continued)
Written answers of Russian settlers in northern Kazakhstan to a questionnaire on land tenure, November-December 1917. G Dashkeiger, N Kalita Izv. AN Kazakh SSR. Ser. ist., arkheol i etn no. 1:84-96 '62.

KAZAKHSTAN—REVOLUTION, 1917-1921—FOREIGN PARTICIPATION
Participation of foreign internationalists in the liberation of Soviet Kazakhstan from its occupation by the Kolchak Army. A. S. Llagin, V. S. Poznanskii. Izv. AN Kazakh. SSR, Ser. ist., arkheol i etn. no. 1:50-61 '62.

KAZAKHSTAN—RODENTIA
Main ecological characteristics of the Lagurus lagurus Pall. in West Kazakhstan [with summary in English] V. L. Shevchenko. Zool. zhur. 41 no. 1:616-625 Ap '62.

KAZAKHSTAN—SHEEP
Comparative results of various lambing times in Kazakh fine-wool sheep. S. N. Dzhadranov. Trudy AZVI 9:42-47 '56.

KAZAKHSTAN—SHEEP BREEDING
Development of new lines of Kazakh fine-wool sheep by graded crossing of French Merino X Kazakh fat-tail ewes with Ankaniya, Altai, and Giornyy rams on the Kastek State Sheep Breeding Farm. V. A. Bal'mont, A. G. Semenov. Trudy AZVI 9:15-21 '56.

KAZAKHSTAN—SOCIAL GROUP WORK
Early history of the cultural development of Kazakhstan. Kh. Bisenov. Izv. AN Kazakh SSR. Ser. ist., arkheol i etn. no. 1:37-49 '62.

KAZAKHSTAN—STEEL INDUSTRY
Evaluate productive capacities correctly. T. Bazarbaev. Nar. khoz. Kazakh. 20 no. 3:55-58 Mr '62.

KAZAKHSTAN—STOCK AND STOCKBREEDING—ACCOUNTING
Account for the production of livestock products correctly. O. Anoshkina. Nar. khoz. Kazakh. 20 no. 3:81-83 Mr '62.

KAZAKHSTAN—STRIP MINING
Scientific and technical conference on the exchange of practice and the development of trends for the technical improvement of open-pit mining in enterprises of the Kazakh S. S. R. P. T. TSerenshchikov. Izv. vys. uchеb. zav., gor. zhur. 5 no. 2:158-159 '62.

KAZAKHSTAN—SUGAR INDUSTRY
Sugar industry of Kazakhstan and prospects of its expansion. M. A. Matula, A. S. Gal'perin. Sakh. prom. 35[i. e. 36] no. 2:14-18 F '62.

KAZAKHSTAN—TECHNICAL LIBRARIES
Let us help the enterprises. N. Ovchinnikov. Bibliotekar' no. 4:32-34 Ap '62.

KAZAKHSTAN—TECHNOLOGICAL INNOVATIONS
Danilov, A. M. [Principal factor in increasing the productivity of labor in Kazakh industry] Glavnyi faktor povysheniia proizvoditel'nosti truda v promyshlennosti Kazakhstana. Alma-Ata, Kazgosizdat, 1960. 145 p.
(MII)
Golosov, V. [Basic trends of technological development in Kazakhstan] Osnovnye napravleniia tekhnicheskogo progressa v Kazakhstane. Alma-Ata, 1960. 51 p. [MICROFILM]

KAZAKHSTAN—THORIUM
Distribution of uranium and thorium in granites of central Kazakhstan. I. G. Mineeva, I. M. Aver'ianova. Sov. geol. 5 no. 3:83-95 Mr '62.

KAZAKHSTAN—TOURMALINE
Abdulin, A. A. [Tourmaline formations in the northeastern part of central Kazakhstan] Turmalinovye formatsii severo-vostoka TSentral'nogo Kazakhstana. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1961. 86 p.

KAZAKHSTAN—TRADE UNIONS
The land is calling. V. TSyganov. Sov. profsoiuzy 18 no. 9:4-5 My '62.

KAZAKHSTAN—TRICHODERMA
Antibiotic activity of the fungi of the genus Trichoderma found in the soils of Kazakhstan. E. T. Nikitina, M. K. Isabaeva. Trudy Inst. mikrobiol. i virus. AN Kazakh. SSR 5:39-43 '61.

KAZAKHSTAN—URANIUM
Distribution of uranium and thorium in granites of central Kazakhstan. I. G. Mineeva, I. M. Aver'ianova. Sov. geol. 5 no. 3:83-95 Mr '62.

KAZAKHSTAN—WATER, UNDERGROUND
Akhmedsafin, U. M. [Methodology of drawing up forecasting maps, and survey of the artesian basins of Kazakhstan] Metodika sostavleniia kart prognozov i obzor arteziianskikh basseinov Kazakhstana. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1961. 106 p.

KAZAKHSTAN—WATER RESOURCES DEVELOPMENT
Improve irrigational work. D. Sarykulov. Nar. khoz. Kazakh. 20 no. 3:49-51 Mr '62.

KAZAN—FLAX
Anisimov, N. G. [Centennial of the Kazan Flax Combine] Kazanskii l'nokombinat, 100 let. Kazan', Tatarskoe knizhnoe izd-vo, 1960. 261 p.
(MH)

KAZAN—MACHINERY INDUSTRY—FINANCE
From the work practice of a bureau of economic analysis. P. Varfolomeev. Fin. SSSR 23 no. 4:55-56 Ap '62.

KAZAN—MANOMETER—STANDARDS
"Teplokontrol'" Plant in Kazan violates the State Standard. M. M. Chinenov. Standartizatsiia 26 no. 1:51-52 Ap '62.

KAZAN—RADAR IN ASTRONOMY
Radio echo observations of meteors in Kazan [with summary in English] K. V. Kostylev. Issl. ionosf. i met. no. 8:39-40 '62.

KAZAN UNIVERSITY—CHORAL SOCIETIES
The "Lenin" Oratorio resounds at Kazan University. V. Vlasov. Sov. muz. 26 no. 4:5-9 Ap '62.

KEDABEK DISTRICT—QUARTZITE
Secondary quartzites in Kedabek District [in Azerbaijani with summary in Russian]. G. I. Kerimov. Izv. AN Azerb. SSR Ser. geol.-geog. nauk no. 6:51-67 '59.

KELLERMANN, BERNHARD, 1879-1951
Fedorov, A. A. [Works of Kellermann] Tvorchestvo Kellermana. [Moskva] Izd-vo Mosk. univ., 1961. 41 p.

KEL'MENTSY DISTRICT—CANNING INDUSTRY
Reward for creative work. F. Stsiborovskii. Sov. potreb. koop. 6 no. 4:17-19 Ap '62.

KENIGSBERG, LAZAR' MIKHAILOVICH, 1890-1961
Lazar' Mikhailovich Kenigsberg. Zdrav. Tadzh. 9 no. 1:65 Ja-F '62.

KERCH PENINSULA—IRON ORES
Pilot-plant production of sinter with a basicity of 1.2 from Kerch ore concentrates. V. P. Onopchenko and others. Biul. TSIICHM no. 10:17-22 '60.

KERCH STRAIT—PARASITES
Parasite fauna of the Azov anchovy (Engraulis encrasicholus maeotica Pusanov) and its changes during the migration of the host. V. M. Nikolaeva. Trudy SBS 11:269-273 '61.

KERCH STRAIT—WORLD WAR, 1939-1945
Ice crossing of the Kerch Strait. A. Smirnov-Nesvitskii. Voen.-ist. zhur. 4 no. 1:57-64 Ja '62.

KERIMOV, IL'IAS M.
"Breakthrough, a novel" by Il'ias Kerimov. Reviewed by M. Zemskov. Oktiabr' 38 no. 4:220 Ap '62.

KET' VALLEY—GEOLOGY, STRATIGRAPHIC
Transition zone between the Mesozoic marine and continental deposits along the Ket' River. T. V. Dolinina. Trudy SNIIGGIMS no. 1:60-63 '59.

KETONEMIA see Acetonemia

KETONES
Condensation of aldehydes and ketones. Part 10. Diketone condensation of β-acetonaphthalene and aldehydes. M. N. Tilichenko, V. G. Kharchenko. Zhur. ob. khim. 32 no. 4:1192-1194 Ap '62.
Ketonization of petroleum hydrocarbons. A. N. Mirzoev. Izv. AN Turk. SSR. Ser. fiz.-tekh., khim. i geol. nauk no. 2:120-123 '62.
Monoguanyl hydrazones and certain mixed guanyl hydrazones-thiosemicarbazones of β-diketones exhibiting a tuberculostatic effect. V. IA. Grinshtein, A. P. Veveris. Zhur. ob. khim. 32 no. 4:1077-1084 Ap '62.
Synthesis of nitro derivatives of α, β-unsaturated ketones containing benzene and furan rings. V. F. Lavrushin, S. V. TSukerman, A. I. Artemenko. Zhur. ob. khim. 32 no. 4:1321-1329 Ap '62.

KHABAROVSK—RUSSIAN NEWSPAPERS—SECTIONS, COLUMNS, ETC.
What a "party life" section should be. N. Marfin. Sov. pech. no. 2:24-26 F '62.

KHABAROVSK TERRITORY—RUSSIAN NEWSPAPERS
"The lack of initiative and broad-mindedness." Part. zhizn' no. 9:78 My '62.

KHABAROVSK TERRITORY—WINDBREAKS, SHELTERBELTS, ETC.
Plantations established with large nursery stock near Birobidzhan. R. I. Tomchuk. Les. khoz. 15 no. 4:78-79 Ap '62.

KHAKASS AUTONOMOUS PROVINCE—ECONOMIC GEOGRAPHY
Nikol'skaia, L. A. [Khakassia; economic and geographical study] Khakassiia; ekonomiko-geograficheskii ocherk. Abakan, Khakasskoe knizhnoe izd-vo, 1960. 166 p.

KHAKASS AUTONOMOUS PROVINCE—IRON AGE
Paleoanthropology of Khakassia in the Iron Age. V. P. Alekseev. Sbor. muz. ant. i etn. 20:238-279 '61.

KHANAKA VALLEY—MONZONITES
Lower Carboniferous intrusive phase in the southern Glasar Range as revealed by plagioclase granites of the Khanaka Valley. P. N. Gorelenkina, P. G. Rygin. Trudy AN Tadzh. SSR 101 no. 1:27-39 '59.

KHANTY-MANSI NATIONAL AREA—GAS, NATURAL—GEOLOGY
Kozlov, I. G., and others. [Key wells of the U. S. S. R.; Khanty-Mansi key well (Tyumen' Province)] Opornye skvazhiny SSSR, Khanty-Mansiiskaia opornaia skvazhina (Tiumenskaia oblast'). Leningrad, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry Leningr. otd-nie, 1961. 74 p. (Leningrad. Vsesoiuznyi neftianoi nauchno-issledovatel'skii geologo-razvedochnyi institut. Trudy, no. 176)

KHANTY-MANSI NATIONAL AREA—PETROLEUM GEOLOGY
Kozlov, I. G., and others. [Key wells of the U. S. S. R.; Khanty-Mansi key well (Tyumen' Province)] Opornye skvazhiny SSSR, Khanty-Mansiiskaia opornaia skvazhina (Tiumenskaia oblast'). Leningrad, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry Leningr. otd-nie, 1961. 74 p. (Leningrad. Vsesoiuznyi neftianoi nauchno-issledovatel'skii geologo-razvedochnyi institut. Trudy, no. 176)

KHANTY-MANSI NATIONAL AREA—RESTAURANTS, LUNCHROOMS, ETC.
In the Khanty-Mansi National Area. V. Neupokoev. Obshchestv. pit. no. 1:45 Ja '62.

KHANTY-MANSIYSK—RESTAURANTS, LUNCHROOMS, ETC.
On the shores of the Irtysh River. D. Arkad'ev. Obshchest. pit. no. 3:55-56 Mr '62.

KHARA-KHOTO—ANTIQUITIES
The history of Khara-khoto [with summary in English] V. N. Kazin. Trudy Gos. Erm. 5:273-285 '61.

KHARKOV—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK
"Along the path of a great initiative; leadership of the party organization of the city of Kharkov movement for communist labor" by N. F. Shevchenko. Reviewed by A. Liapin. Vop. ekon. no. 4:130-134 Ap '62.

KHARKOV—COMPOSERS
A trustworthy change, but... Il'ia Malyshev. Muzykal'noe obrazovanie 9 no. 1:20-21 Ja-F '62.

KHARKOV—INFLUENZA
Grippe infection can be prevented. M. Galdamaka. Okhr. truda i sots. strakh. 5 no. 4:30 Ap '62.

KHARKOV—MACHINERY INDUSTRY—HYGIENIC ASPECTS
Controlled from top to bottom. G. F. Ovchinkov. Okhr. truda i sots. strakh. 5 no. 3:16-18 Mr '62.

KHARKOV—RADAR IN ASTRONOMY
Radio echo observations of meteors in Kharkov [with summary in English] B. L. Kashcheev and others. Issl. ionosf. i met. no. 8:7-20 '62.

KHARKOV—RESTAURANTS, LUNCHROOMS, ETC.
For the well-being of the people. A. Turbovskii. Obshchestv. pit. no. 1:18-20 Ja '62.

KHARKOV—REVOLUTION, 1917-1921
Moshniaha, IE. I. [Bolsheviks of Kharkov in the October Revolution; February 1917-February 1918] Bil'shovyky Kharkova v Zhovtnevii revoliutsii; liutyi 1917 r. - liutyi 1918 r. Kharkiv, Kharkivs'ke knyzhkove vyd-vo, 1959. 200 p.

KHARKOV—SAFETY EDUCATION, INDUSTRIAL
The engineers and industrial safety. S. Vainshtein. Sov. profsoiuzy 18 no. 6:38 '62.

KHARKOV—SOCIALIST COMPETITION
"Along the path of a great initiative, leadership of the party organization of the city of Kharkov movement for communist labor" by N. F. Shevchenko. Reviewed by A. Liapin. Vop. ekon. no. 4:130-134 Ap '62.

KHAROVSK DISTRICT—CONIFERAE
Viability of sown coniferous trees in cutover areas of the north. A. I. Iroshnikova, A. I. Fedorova. Trudy Inst. lesa i drev. 50:49-53 '61.

KHAROVSK DISTRICT—FOREST SOILS
Effect of drainage on the microflora of forest soils. E. N. Zhdannikova, Zh. P. Popova. Trudy Inst. lesa i drev. 50:163-167 '61.

KHERSON—COTTON MANUFACTURE—ACCOUNTING
New method of accounting for weavers' wages. V. Gidlevskii. Bukhg. uchet 18 no. 4:55 Ap '62.

KHERSON—LIBRARIES
My first academy. Boris Lavrenev. Bibliotekar' no. 4:51-52 Ap '62.

KHIBINY MOUNTAINS—PYROCHLORE
Pyrochlore from vein formations of the Lovozero and Khibiny alkali massifs. L. S. Borodin, I. I. Nazarenko. Trudy Inst. min., geokhim., i kristallokhim. red. elem. no. 2:138-143 '59.

KHINGAN MOUNTAINS—GEOLOGY

Concerning L. V. Elitsh's article "New data on the Pre-Cambrian and Paleozoic in the southern part of the Lesser Khingan Mountains" M. G. Markov. Sov geol 5 no 3:160-161 Mr '62.

Structural regionalization and geological development of the Lesser Khingan Mountains G. V. Itsikson. Trudy VSEGEI 55:5-63 '61.

KHINGAN MOUNTAINS—GOLD ORES

Primary sources of gold in the Lesser Khingan Mountains V. I. Kazanskii. Geol. rud. mestorozh. no. 2 109-113 Mr-Ap '62

KHINGAN MOUNTAINS—ORE DEPOSITS

Distribution of intrusive complexes and mineralization associated with them. G. B. Itsikson, M. B. Cherbotarev. Trudy VSEGEI 55:123-176 '61.

KHINGAN MOUNTAINS—ROCKS, IGNEOUS

Distribution of intrusive complexes and mineralization associated with them. G. B. Itsikson, M. B. Cherbotarev. Trudy VSEGEI 55:123-176 '61

Intrusive complexes of the Lesser Khingan Mountains. B. I. Lovi. Trudy VSEGEI 55:65-122 '61

KHIVA OASIS—HISTORY—SOURCES

Balami and his historical study. M. IU. Ulkashev. Obshchestv. nauki v Uz. 6 no. 3:40-50 '62.

KHLOPIN, NIKOLAI GRIGOR'EVICH, 1897-1961

Nikolai Grigor'evich Khlopin, obituary. A. V. Ivanov, V. P. Mikhailov. Zool. zhur. 41 no. 2:300-301 F '62

KHLOPIN, VITALII GRIGOR'EVICH, 1890-1950

Savich, L. A. [V. G. Khlopin, an outstanding Soviet radiochemist] V. G. Khlopin - vydaiushchiisia sovetskii radiokhimik. Moskva, Izd-vo "Znanie," 1962. 61 p. (Novoe v zhizni, nauke, tekhnike. IX Seriia: Fizika i khimiia, no. 2)

[MICROFILM]

KHMEL'NITSKII, BOGDAN, 1593-1657

Akademiia nauk URSR, Kiev. Instytut suspil'nykh nauk. [The documents of Bogdan Khmel'nitskii, 1648-1657] Dokumenty Bohdana Khmel'nits'koho, 1648-1657. Uporiadnyky I. Kryp'iakevych ta I. Butych. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 738 p.

KHODZHEYLI DISTRICT—COTTON GROWING

Not less than 25 hundredweights from a hectare. D. Bekmuradov, I. Usnitdinov. Part. zhizn' [Uzb.] 5 no. 2 36-38 F '62.

KHOLOPOV, GEORGII

"Granada" by G. Kholopov. Reviewed by A. Filatova. Neva no. 3:191-192 '62.

"Granada" by Georgii Kholopov. Reviewed by O. Grudtsova. Oktiabr' 39 no. 2 215-216 F '62.

KHOL'TSOV, BORIS NIKOLAEVICH, 1861-1940

In memory of Boris Nikolaevich Khol'tsov; on the 100th anniversary of his birth. N. S. Puterman, G. S. Epshtein. Urologiia no. 6:3-6 '61.

KHOREZM OASIS see Khiva Oasis

KHOREZM PROVINCE—COLLECTIVE FARMS

Collective farm culture is growing. IU. Vereshchagin. Nar. khoz. Uzb. 4 no. 3 04 Mr '62.

KHOREZM PROVINCE—RURAL CONDITIONS

From the editor's mail. Agitator no. 6:58-59 Mr '62.

KHOROL DISTRICT—SUGAR BEETS

Economic effectiveness of the over-all mechanization of the production of sugar beets; as exemplified by collective farms in Khorol District, Poltava Province. T. O. Zdereva. Pyt. ekon. sil'. hosp. URSR no. 3:56-63 '61.

KHOTAN—ICONS

Materials on religious iconography of Central Asia in the pre-Islamic period [with summary in English]. I. V. D'iakonova. Trudy Gos. Erm. 5:257-272 '61.

KHOVRENO—RAILROADS—SAFETY MEASURES

With their own hands. N. Neskorod'ev. Okhr. truda i sots. strakh. 5 no. 3 19 Mr '62.

KHRUSHCHEV, MIKHAIL MIKHAILOVICH, 1890-

Mikhail Mikhailovich Khrushchev (on the occasion of his 70th birthday). A. A. Blagonravov. Tren. i izn. mash. no. 16:7-10 '62.

KHUST DISTRICT—CORN (MAIZE)

Varga, E. L. [Golden grains] Zoloti zerna. Uzhhorod, Zakarpats'ke oblasne knyzhkovo- gazetne vyd-vo, 1961. 19 p.

(DA)

KIDNEYS

Change in kidney function in patients with burn disease following a transfusion with polyvinylpyrrolidone [with summary in English]. G. P. Vinokurova, A. A. From. Klin. med. no. 8:66-68 '61.

Shock and hepatorenal insufficiency in pancreatoduodenal resections [with summary in English]. M. O. Sternin. Khirurgiia 37 no. 7:93-98 Jl '61.

KIDNEYS—ABNORMITIES AND DEFORMITIES

Spontaneous rupture of a dystopic hydronephrotic kidney with perforation into the abdominal cavity. P. G. Kubarkov. Urologiia no. 6 56-57 '61.

KIDNEYS—BLOOD SUPPLY

Cytological changes in the renal tubules after ligation of the vascular bundle [with summary in English] V. G. Petrova. Arkh. anat., gist. i embr. 40 no. 5 67-73 My '61

Effect of sodium nitrite, nitroglycerin and papaverine on renal circulation in experimental atherosclerosis [with summary in English]. Z. T. Samoilova. Farm. i toks. 25 no. 1:38-43 Ja-F '62.

KIDNEYS—CALCIFICATION

Calcareous nephrosis in gastric tetany. E. G. Klein, T. A. Pokrovskaia-Lur'e. Klin. med. no. 2:88-93 '62

KIDNEYS—DISEASES

(see also subdivision under Bulgaria)

Acute paranephritis [with summary in English]. V. G. Klein. Urologiia no. 2:16-20 '62.

Aneurysm of the abdominal aorta as a result of the spread of suppuration from the focus into the area of the kidney. G. Vrejoiu, A. Mikhail, E. Popescu. Arkh. pat. no. 4:62-64 '62.

Answering our readers' questions. Rab. i stial. 38 no. 4: 22-23 Ap '62

Changes in the kidneys in lymphostasis. N. V. Boikova. Klin. med. no. 8:134-137 '61.

Clinical characteristics of unilateral chronic pyelonephritis [with summary in English] M. N. Zhukova. Klin. med. no. 2:75-81 '62.

Course of nephropathy in pregnant women and its late sequelae. N. P. Mikhailova. Sbor. nauch. rab. Kaf. akush. i gin. GMI no. 2 24-28 '60.

Disorders of lymph formation in the kidney in hydronephrosis. N. K. Bogdanovich. Arkh. pat. no. 7 67-71 '61

Early detection of hydrothorax in kidney diseases [with summary in English]. M. G. Vinner, S. I. Kink. Klin. med. no. 8:89-94 '61.

Effect of nephropathy in pregnant women on the fetus and newborn infant. A. N. Korolev. Sbor. nauch. rab. Kaf. akush. i gin. GMI no. 2:39-40 '60.

Electrocardiographic changes in experimental glomerulonephritis [with summary in English]. G. G. Gel'shtein, V. A. Kovanev, V. V. Serov. Pat. fiziol. i eksp. terap. 5 no. 6:39-43 N-D '61

Hemodynamic changes in renal and ureteral diseases in connection with surgical treatment [with summary in English]. M. A. Trunin. Urologiia no. 6:14-20 '61.

Hydronephrosis and pyelonephritis. A. M. Katsyf. Urologiia no. 2:12-16 '62.

Kidney diseases in children. IE. I. Mechyna'ka. Ped., akush. i gin. 23 no. 6:30-31 '61.

Kidney disorders in myeloma. I. T. Popov, P. V. Ponomarev, R. D. Shtern. Klin. med. no. 8:50-56 '61.

Left serous perinephritis. L. M. Kapitsa. Vest. khir. no. 4 95-98 '62.

Morphology of some renal hypertensions. E. V. Uranova. Arkh. pat. no. 4:43-49 '62

Neurohumoral changes in experimental renal hypertension. M. T. Golitsynskaia. Pat. fiziol. i eksp. terap. 5 no. 6:67-68 N-D '61.

Nontuhation ureterotomy in treating stenosis of the pyelo-ureteral segment [with summary in English]. Stefan Wesolowski. Urologiia no. 2:35-38 '62

Pathogenesis of infectious hemorrhagic nephrosonephritis in an experimental lesion of the hypothalamus-hypophysial region. N. A. Levkova, G. V. Kestner. Arkh. pat. no. 4:13-18 '62.

Protein fractions in the blood in chronic pyelonephritis. K. A. Velikanov. Urologiia no. 2:3-6 '62.

Significance of adrenal hypofunction in the pathogenesis of experimental nephritis. I. N. Usov. Dokl. AN BSSR 6 no. 4 266-269 Ap '62.

Significance of detecting Sternheimer-Malbin cells in the urine for the diagnosis of chronic pyelonephritis [with summary in English]. A. Z. Necheporenko. Urologiia no. 2:8-12 '62.

Streptococcal antigens in patients with chronic nephritis [with summary in English]. I. M. Liampert, N. T. IAreshko, E. R. Agababova. Klin. med. no. 2:81-88 '62.

Thirteenth scientific session of the Institute of Therapeutics of the Academy of Medical Sciences of the U.S.S.R. G. E. Perchikova. Kardiologiia 2 no. 2:91-94 Mr-Ap '62.

Urinary excretion of catechol amines in kidney lesions. V. V. Men'shikov. Klin. med. no. 2:94-98 '62.

Urine formation during greatly decreased filtration in the kidneys. A. S. Oganesian, G. A. Turshian, D. Z. Grigorian. Izv. AN Arm. SSR, Biol. nauki 15 no. 3:25-32 '62.

KIDNEYS—RADIOGRAPHY

Transcutaneous antegrade pyelography in children [with summary in English]. A. IU. Svidler, L. I. Sneshko. Urologiia no. 6:12-14 '61.

KIDNEYS—SURGERY

Indications for nephrectomy in children. I. M. Bykov. Urologiia no. 2:32-34 '62.

KIDNEYS—TRANSPLANTATION

Functioning of a preserved, autoplastically transplanted kidney following its excision intact [with summary in English]. V. I. Unik. Biul. eksp. biol. i med. 53 [i e. 53] no. 3 23-27 Mr '62

KIDNEYS—TUBERCULOSIS

"Tuberculosis of the kidneys [in Bulgarian]" by St. Lambrev and T. Andreev. Reviewed by A. IA. Abramian. Urologiia no. 6:72 '61.

KIDNEYS—TUMORS

Combination of aneurysms of the arteries of the base of the brain with polycystic degeneration of the kidneys [with summary in French]. IU. E. Berzin. Zhur. nevr. i psikh. 62 no. 1, 41-44 '62

Cystic lymphangioma of the kidney. T. G. Diadchenko. Urologiia no. 6, 59-60 '61.

Perirenal hematoma. N. S. Ban'kovskii. Urologiia no. 6:55-56 '61.

KIDNEYS, ARTIFICIAL

Bed-scales. E. B. Gorbovitskii, F. M. Kanter. Urologiia no. 6:67-68 '61.

Normalization of electrolyte metabolism under the influence of hemodialysis and conservative treatment of acute renal insufficiency. V. A. Agranenko, I. L. Vinogradova. Probl. gemat. i perel. krovi no. 4:37-43 '62

KIDNEYS, MOVABLE see subdivision under Georgia

KIEV—AIR—POLLUTION

Amount of 3, 4-benzopyrene in dust deposits and snow samples in Kiev. V. I. Gorodyskii, I. V. Veselaia. Gig. i san. 26 no. 8:99-100 Ag '61.

KIEV—ALGEBRA

Algebraic themes in the work of Kiev mathematicians, from the history of mathematics at Kiev University until 1917. V. O. Dobrovol'skyi. Ist.-mat. zbir. 2 57-67 '61.

KIEV—ANTIQUITIES

Eleventh-century structure attached to the residence of the Kiev Metropolitan. V. A. Bohusevych. Arkheologiia 13:105-113 '61.

KIEV—ASTRONOMICAL PHOTOGRAPHY

Photographic observations of meteors in Kiev [with summary in English]. V. P. Konopleva. Issl. ionosf. i met. no. 8 69-71 '62.

KIEV—CATHEDRALS

Miracle of Russian architecture. A. Romanov. Kul't. i zhizn' 6 no. 2:40-42 '62.

KIEV—COMMUNITY AND SCHOOL

Brigade of communist labor is leading the detachment. M. S. Ovsienko. Rad. shk. 41 no. 5:23-24 My '62

KIEV—DAIRY INDUSTRY—FINANCE

Role of credit supplied by the State Bank in developing the dairy industry. G. Pavlenko. Den. i kred. 20 no. 4: 68-71 Ap '62.

KIEV—GUIDEBOOKS

[Kiev, guide and reference book] Kiev; putevoditel'-spravochnik. [Kiev] Gos. izd-vo polit. lit-ry USSR, 1962. 349 p.

KIEV—INDUSTRIAL MANAGEMENT

Public bureaus in the struggle with waste and unproductive expenditures. N. Alpamysova. Bukhg. uchet 18 no. 4:46 Ap '62.

KIEV—MOTION-PICTURE STUDIOS

In the Union of Motion-Picture Employees. Isk. kino no. 4:33 Ap '62.

KIEV—PIONEERS (COMMUNIST YOUTH)

A word of Pioneer leaders. IU. V. Kolesnikov. Rad. shk. 41 no. 5:19-22 My '62.

KIEV—RADAR IN ASTRONOMY

Radio echo observations of meteor numbers in Kiev [with summary in English]. I. V. Bairachenko and others. Issl. ionosf. i met. no. 8:51-55 '62.

KIEV—SHIPBUILDING—FINANCE

Our method of establishing norms for working capital in unfinished production. M. Solopenko. Fin. SSSR 23 no. 4:57-61 Ap '62.

KIEV—SHIPYARDS

One-hundred year anniversary of the "Leninskaia Kuznitsa." S. S. Strashun. Sudostroenie 28 no. 4:80 Ap '62.

KIEV—THEATER

Horodys'kyi, M. P. [The Kievan theater "Solovisov"; a study] Kyivs'kyi teatr "Solovisov"; narys. Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry URSR, 1961. 121 p.

KIEV—VISITORS, FOREIGN

Unanimous opinion of our visitors. Ukraina no. 10:20 My '62.

KIEV PROVINCE—AGRICULTURE—STUDY AND TEACHING

Let's train the reserves of agricultural specialists. V. O. Boichenko. Rad. shk. 41 no. 5:36-41 My '62.

KIEV PROVINCE—ATHEISM

The work of Kiev Province atheists. Volov ateist no 5: 32-33 My '62.

KIEV PROVINCE—BEANS—FERTILIZERS AND MANURES

Effect of fertilizers on the growth, development, and yield of forage beans in Kiev Province V. I. Pal'chevs'kyi, H. L. Navrots'kyi. Visnyk sil'hosp nauky 5 no 3 41-45 Mr '62

KIEV PROVINCE—MACHINERY INDUSTRY—HYGIENIC ASPECTS

Good working habits from the point of view. . . . V. Kriachko Sov. profsoiuzy 18 no 2;25-27 Ja '62

KIEV PROVINCE—SOCIAL PROBLEMS

Struggle against loafers is a concern of the entire community. O. Teslenko. Rad. pravo no. 2;48-50 Mr-Ap '62

KILNS see subdivision under Verkhnyaya Khoritsa District

KIMBERLITE

(see also subdivision under Yakutia; Yenisey Valley)

Ferriferous palygorskite (xylotile) in kimberlites. G. I. Smirnov Geol. i geofiz. no. 1 128-134 '62

KINDERGARTEN

(see also subdivision under Atbasar District; Moscow; White Russia)

Akademiia pedagogicheskikh nauk RSFSR, Moscow. Institut khudozhestvennogo vospitaniia. [System of aesthetic education in the kindergarten] Sistema esteticheskogo vospitaniia v detskom sadu Pod obshchel red. N. A. Vetluginoi. Moskva, Izd-vo Akad. pedagog. nauk, RSFSR, 1962. 371 p.

Mikhailova, L. I., O. I. Solov'eva, and S. I. Chesheva. [Festivals in a kindergarten] Prazdniki v detskom sadu 2, izd. ispr. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 108 p.

KINDERGARTEN—METHODS AND MANUALS

Usova, A. P. [Russian folk works in the kindergarten] Russkoe narodnoe tvorchestvo v detskom sadu; kniga dlia vospitatelei detskikh sadov. 2. izd., perer. i dop. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 75 p.

KINDERGARTENS see subdivision under Frunze

KINEL'-CHERKASSY DISTRICT—PETROLEUM GEOLOGY

Dynamic porosity and the possibility of its utilization in appraising oil reserves G. N. Pokrovskaia, Iu. IA. Kalabin. Geol. nefti i gaza 6 no. 4;46-51 Ap '62.

KINESTHESIA see Muscular sense

KINETICS see Dynamics

KIREEVSKII, PETR VASIL'EVICH, 1808-1856

Following the footsteps of P. V. Kireevskii. F. M. Selivanov. Vest. Mosk. un. Ser. 7: Filol., zhur. 17 no. 2 68-76 Mr-Ap '62.

New materials on Pushkin and P. V. Kireevskii. A. D. Seimonov Izv. AN SSSR Otd. lit. i iaz 20 no. 2;143-153 Mr-Ap '61.

KIRGHIZISTAN—AGRICULTURAL POLICY

Kommunisticheskaia partiia Kirgizii. TSentral'nyi Komitet. [Results of the January Plenum of the Central Committee of the CPSU and measures for future development of agriculture in the republic; decisions of the Fifth Plenum of the Central Committee of the Communist Party of Kirghizistan, February 7, 1961] Ob itogakh ianvarskogo Plenuma TsK KPSS i merakh po dal'neishemu razvitiiu sel'skogo khoziaistva respubliki; postanovlenie V plenuma TSentral'nogo Komiteta KP Kirgizii ot 7 fevralia 1961 goda. [Frunze] Kirgizskoe gos. izd-vo, 1961. 23 p.

KIRGHIZISTAN—COTTON GINS AND GINNING

Amount of defoliants and desiccants in the dust of cotton-cleaning plants in Kirghizistan. V. M. Perelygin, V. I. Ershova. Sov. zdrav. Kir. no. 1;20-24 Ja-F '62.

KIRGHIZISTAN—EDUCATION

[The law concerning the strengthening of the bond between school and life, and of public education in Kirghizistan] Zakon ob ukreplenii sviazi shkoly s zhizn'iu i o dal'neishem razvitii sistemy narodnogo obrazovaniia v Kirgizskoi SSR. Frunze, 1960. 50 p. (DBC)

KIRGHIZISTAN—FORESTRY RESEARCH

For scientific research in forest working circles. I. S. Marchenko. Les. khoz. 15 no. 4;90 Ap '62.

KIRGHIZISTAN—GRAIN

Ivanov, IA. A., and F. G. Nosovets. [Grain farming in the seven-year plan of Kirghizistan] Zernovoe khoziaistvo Kirgizii v semiletke. Frunze, Kirgizskoe gos. izd-vo, 1960. 46 p. (DA)

KIRGHIZISTAN—LUNGS—DUST DISEASES

Silicosis in the Sulyukta mine according to material from an inquiry made in 1959 and from data supplied by the Kyzyl-Bulak sanatorium. S. I. Moshkovskaia. Sov. zdrav. Kir. no. 1;7-11 Ja-F '62.

Some information on the incidence of silicosis among workers of Kirghiz lead mines. A. D. Dzhumabaev. Sov. zdrav. Kir. no. 1;11-13 Ja-F '62.

Study of the incidence of pneumokoniosis at Kok-Yangak coal mines. B. S. Mambetaliev. Sov. zdrav. Kir. no. 1: 13-17 Ja-F '62.

KIRGHIZISTAN—NUTRITION

Some data from an inquiry into the nutrition of northern Kirghizistan and the resultant tasks of health education L. V. Baranovskii, L. S. Burmin. Sov. zdrav. Kir. no. 1, 24-30 Ja-F '62.

KIRGHIZISTAN—PEGANUM

Study of the general action of Peganum harmala which grows in Kirghizistan A. A. Altymyshev, L. S. Grebneva Trudy Semipal. med. inst. 2 93-101 '59.

KIRGHIZISTAN—POLIOMYELITIS

Preliminary results of mass immunization of the population of Kirghizistan with "live" poliomyelitis vaccine. V. Sh. Evdoshenko and others. Sov. zdrav. Kir. no. 1: 38-43 Ja-F '62.

KIRGHIZISTAN—PUBLIC HEALTH

Tasks for Kirghiz public health agencies in the light of resolutions passed by the 22d Congress of the CPSU. A. A. Aidaraliev. Sov. zdrav. Kir. no. 1;3-6 Ja-F '62

KIRGHIZISTAN—RARE EARTH FLUOCARBONATE

Possible new rare earth fluocarbonate. I. I. Semenov Trudy Inst. min., geokhim. i kristallokhim. red. elem. no. 2;181-186 '59.

KIRGHIZISTAN—RELATIONS (GENERAL) WITH THE UKRAINE

Kirghiz-Ukrainian theatrical ties; Bekmurza Dzhumabaev. Mystetstvo 8 no. 3;12-13 My-Je '61.

KIRGHIZISTAN—STOCK AND STOCKBREEDING

Mavritskii, V. G. [Stockbreeding in the seven-year plan of Kirghizistan] Kyrgyzstandyn mal charuasy zheti zhyldykta. Frunze, Kyrgyzstan mamlekettik basmasy, 1960. 75 p. [In Kirghiz] (DA)

KIRILLOV, IVAN IVANOVICH, 1902-

I. I. Kirillov's sixtieth birthday. Izv. vys. ucheb. zav., energ. 5 no. 3 107-109 Mr '62.

On the occasion of the sixtieth birthday of V. P. Gurlev and I. I. Kirillov Energomashinostroenie 8 no. 4;26 Ap '62.

KIRKHGOF, KONSTANTIN SIGIZMUNDOVICH, 1764-1833

Jubilee of molasses. I. Vol'per. Obshchest. pit. no. 3: 61 Mr '62.

KIROV PROVINCE—COLLECTIVE FARMS

Prozorov, P. A. [Northern beacon] Severnyi maiak. Moskva, Izd-vo ekon. lit-ry, 1962. 156 p.

KIROV PROVINCE—EARTHWORMS

Species and ecology of earthworms (Lumbricidae) in Kirov Province [with summary in English] I. D. Ustinov Zool. zhur. 41 no. 1;133-135 Ja '62

KIROV PROVINCE—SHOE INDUSTRY

"V. I. Lenin Combine" is an enterprise of communist labor. V. B. Portnykh Kozh.-obuv. prom. 4 no. 2, 14-17 F '62.

KIROVAKAN—PRECIOUS STONES, ARTIFICIAL

Kirovakan corundum Prom. Arm. 5 no. 3;44-45 Mr '62.

KIROVGRAD (SVERDLOVSK PROVINCE)—COPPER INDUSTRY

Kirovgrad Copper Smelting Combine reverberatory furnace is thirty years old. V. A. Artemov. TSvet. met. 35 no. 3;31-33 Mr '62.

KIROVGRAD (SVERDLOVSK PROVINCE). [illegible]

Increasing the completeness and the co utilization at the Kirovgrad Ore Dres Kulikov, N. K. Khomullo. TSvet. met Mr '62.

KIROVOGRAD PROVINCE—COMMUN SOVIET UNION—PARTY WORK

Voluntary participation in party wor Komm. Ukr. 37 no. 4;42-50 Ap '

KIROVOGRAD PROVINCE—FEEDS—

Veterinary control of feed quality. V. K. Temchenko, M. Kh. Davidovit no. 10;21-24 O '60.

KISLOVODSK—GAS, NATURAL—PIP

The gas pipeline in Kislovodsk has I. F. Markin. Stroi. truboprov. 6

KISLOVODSK—TELEPHONE DIREC

Russia (1923- U. S. S. R.) Ministe [Telephone directory of the Kislov Telephone Exchange] Spisok abone ATS. Kislovodsk, Izd. Kislovodsk Avtomaticheskoi telefonnoi stantsi

KIZIL KUM see Kyzyl Kum

KLEBSIELLA

Klebsiella infection in animals; a su literature. K. A. Dorofeev. Veter 38 Ag '60.

KLIMOVICHI DISTRICT—TEACHERS, TRAINING OF

Political training helps our practical work M. Kotau. Nar. obr. no. 3 20-24 Mr '62

KLIN—TEXTILE FIBERS, SYNTHETIC

From the pages of factory newspapers. At the Klin Artificial Fiber Combine. Khim. volok. no. 2, 74-75 '62

KLYSTRONS

Reflex klystron as a wave guide amplitude and phase modulator at microwave frequencies. IA. L. Shamfarov. Radiotekh. i elektron. 7 no. 5 844-850 My '62.

KLYUCHEVSKAYA REGION (KRASNODAR TERRITORY)—OIL FIELDS—PRODUCTION METHODS

Discussion. R. I. Shishchenko. Trudy VNII no. 25;184-185 '59.

KNIT GOODS INDUSTRY see subdivision under Armenia

KNOTWEED

Introducing knotweed as a new silage plant. R. IA. Plennik Trudy TSSBS no. 4;69-72 '60

KNOWLEDGE, THEORY OF

Abramian, L. A. [Signal and conditioned reflex; a philosophical essay] Signal i uslovnyi refleks; filosofskii ocherk. Erevan, Izd-vo AN Armianskoi SSR, 1961. 161 p.

KOBULETI (GEORGIA)—ALOE

Plantations of health. G. Klevakin Zdorov'e 8 no. 4 29 Ap '62

KOBYSTAN—CLAY

Mineralogy of clays of the Maikop series in the Kobystan region (central and northern Kobystan). Report No 2 A. G. Seidov. Izv. AN Azerb. SSR Ser. geol.-geog. nauk no. 6: 103-111 '59.

KOCHETOV, VSEVOLOD ANISIMOVICH, 1912-

A book to be used for a long time. L. Ershov. Neva no. 2;182-184 '62.

"Secretary of a province committee" by V. Kochetov Reviewed by A. Marianov. Novyi mir 38 no 1;210-239 Ja '62.

KOCH'S LYMPH see Tuberculin

KOCHUBEEVSKIY DISTRICT—COLLECTIVE FARMS

Great contributions of skilled farmers. S. Folumenov. Agitator no 6,40-41 Mr '62.

KODAKS see Cameras

KOKCHETAV—MACHINERY INDUSTRY—TECHNOLOGICAL INNOVATIONS

Volunteers are designing. V. Orlov. Nar. khoz. Kazakh. 20 no. 3;54 Mr '62.

KOKCHETAV PROVINCE—VETERINARY MEDICINE—CONGRESSES

Conference of veterinary specialists. N. S. Pinchuk. Veterinariia 37 no 12 81 D '60.

KOLA PENINSULA—CARBONATITES

Genesis of carbonatites. A. A. Kukharenko, E. I. Dontsova. Geol. rud. mestorozh. no 2 32-47 Mr-Ap '62

KOLA PENINSULA—LEMMINGS

Reproduction of the lemming Lemmus lemmus L. on the Kola Peninsula [with summary in English]. T. V. Koshkina, A. S. Khalanskii. Zool. zhur. 41 no. 4 604-615 Ap '62.

KOLA PENINSULA—MINERALS

Isomorphous series "labuntsovit" - "nenadkevichit."

KOLOMNIN, SERGEI PETROVICH, 1842-1886
Outstanding Russian surgeon, S. P. Kolomnin, on the 75th anniversary of his death. L. V. Mikhailova. Vest. khir. no. 4:119-124 '62.

KOLYMA VALLEY—ORE DEPOSITS
Character of the localization of the endogenous mineralization in the middle Kolyma. O. S. Grachova. Trudy VSEGEI. 80:63-72 '61.

KOMANDORSKIYE ISLANDS—SPRING
Spring on Komandorskiye Islands. S. V. Marakov. Priroda. 51 no. 1:125-126 Ap '62.

KOMAROV, NIKOLAI STEPANOVICH, 1886-
On the occasion of the 75th birthday of Professor N. S. Komarov. Khol. tekh. 39 no. 2:53 Mr-Ap '62.

KOMI A. S. S. R.—AGRICULTURE—STUDY AND TEACHING
Schools and agriculture. P. Grishin. Nar. obr. no. 4:54-55 Ap '62.
Study of the practice of progressive workers and innovators in agriculture by senior students. P. A. Grishin. Shkola i proizv. 6 no. 3:15-17 Mr '62.

KOMI A. S. S. R.—LEPTOSPIROSIS
Leptospirosis of calves in the Arctic. V. V. Kolychev, G. N. Kononov. Veterinariia. 37 no. 8:31-33 Ag '60.

KOMISSAROVA, MARIIA
"My path continues" by Mariia Komissarova. Reviewed by Mikhail Bernovich. Oktiabr' 39 no. 1:220-221 Ja '62.

KOMPANEETS, VASILISK PORFIR'EVICH, 1900-1961
Vasilisk Porfir'evich Kompaneets, an obituary. Izv. vys. ucheb. zav., gor. zhur. no. 3:159-160 '61.

KOMSOMOL'SKOYE REGION (DONETSK PROVINCE)—BORING
Potentials for increasing the productiveness of cable drilling. F. I. Kucherinyi, IU. F. Khodakovskii, V. F. Kostrikov. Izv. vys. ucheb. zav., gor. zhur. 5 no. 2:110-114 '62.

KONDOPOGA DISTRICT—NATIONAL PARKS AND RESERVES
Letters to the editor. Sov. deput. trud. no. 4:79 Ap '62.

KONETSKII, VIKTOR
"Tomorrow's cares", a tale by Viktor Konetskii. Reviewed by V. Starikova. Moskva. 5 no. 9:213-215 '61.

KONOBEYEVO—CAMPS
Sports camp of the "Urozhai" Children's Sports Society. A. A. Volkov. Teor. i prak. fiz. kul't. 25 no. 4:17-20 Ap '62.

KONRAD, NIKOLAI IOSIFOVICH, 1891-
Celebration in honor of Nikolai Iosifovich Konrad. S. A. Mironov. Izv. AN SSSR. Otd. lit. i iaz. 20 no. 4:361 Jl-Ag '61.

KOPET-DAG—DORMICE, FOSSIL
New findings of dormouse Myomimus personatus Ogn. in West Kopet Dag [with summary in English]. P. I. Kamnev, I. V. Zhernovov, G. N. Skvortsov. Zool. zhur. 41 no. 2:297 F '62.

KOPET-DAG—SEISMOMETRY
Hodograph plotting for earthquakes of the Kopet-Dag zone. R. D. Nepesov. Izv. AN Turk. SSR. Ser. fiz.-tekh., khim. i geol. nauk no. 2:42-55 '62.

KOPET-DAG REGION—GEOLOGY, STRATIGRAPHIC

KOREA, SOUTH—POLITICS AND GOVERNMENT
The service record of a puppet, a review of the Japanese press. Az. i Afr. seg. no. 4:16-17 Ap '62.
South Korea; a year of military dictatorship [with English summary in insert]. V. Mazurov, B. Sinitsyn. Az. i Afr. seg. no. 4:14-16, 20 Ap '62.

KORGON VALLEY—IRON ORES
Stratigraphic position of the Korgon-Kumsh group of iron ore deposits. V. P. Popov. Trudy VSEGEI. 60:101-106 '61.

KORKINO—DESCRIPTION
Meshcheriakov, B. M. [Korkino, city of coal miners] Korkino, gorod ugol'shchikov [Cheliabinsk] Cheliabinskoe knizhnoe izd-vo, 1960. 46 p. (Goroda Cheliabinskoi oblasti)
(MH)

KOROLENKO, VLADIMIR GALAKTIONOVICH
"Catalog of V. G. Korolenko's letters" compiled by V. M. Fedorov. Reviewed by A. V. Khrabrovitskii. Vop. arkh. 7 no. 1:124-125 Ja-Mr '62.
Letters written to young writers. V. Korolenko. Vop. lit. 6 no. 1:148-167 Ap '62.

KOROSTYSHEV DISTRICT—FLAX—HARVESTING
Economic effectiveness of the mechanization of flax harvesting; as exemplified in Korostyshev District, Zhitomir Province. V. M. Mel'nychenko. Pyt. ekon. sil'. khosp. URSR no. 3:70-77 '61.

KOROVIN, KONSTANTIN ALEKSEEVICH, 1861-1939
Korovin, K. A. Konstantin Alekseevich Korovin. [Sost. al'boma i avtor ustup. stat'i S. Druzhinin] Moskva, Gos. izd-vo izobraz. iskusstva, 1960. 1 v. (unpaged, chiefly illus.) (Text in Russian and French)
(RPB)

KOSH-KUPYR DISTRICT—STOCK AND STOCKBREEDING
Let's expand stockbreeding. A. Kurbanov. Part. zhizn' [Uzb.] 5 no. 2:42-44 F '62.

KOSHTOIANTS, KHACHATUR SEDRAKOVICH, 1900-
Kh. S. Koshtoiants, obituary. Vop. ist. est. i tekh. no. 12:255-256 '62.

KOSTROMA—AUTHORS
"Stories on writers and painters of Kostroma" by V. Osokin. Book review. Moskva. 6 no. 1:208 '62.

KOSTROMA—PAINTERS
"Stories on writers and painters of Kostroma" by V. Osokin. Book review. Moskva. 6 no. 1:208 '62.

KOSTROMA PROVINCE—AGRICULTURAL ADMINISTRATION
We should curb the fervor of overzealous administrators. Sov. deput. trud. no. 4:81 Ap '62.

KOSTROMA PROVINCE—FIRE EXTINCTION—SOCIETIES, ETC.
First feats. N. Voronin. Pozh. delo. 8 no. 3:14 Mr '62.

KOTLIAREVS'KYI, IVAN, 1769-1838
Khropko, P. P. [Ivan Petrovych Kotliarevs'kyi; a literary portrait] Ivan Petrovych Kotliarevs'kyi; literaturnyi portret. Kyiv, Derzh. vyd-vo khudozh. lit-ry, 1958. 92 p.
(CoU)

KOTOVSKII, GRIGORII IVANOVICH, 1887-1925—FICTION
a novel by Boris Chetverikov. Reviewed [illegible]. Neva no. 2:190-192 '62.

[illegible]KHAILO, 1864-1913
[illegible]kyi. IEvhen Krotevych. Ukraina 62.
[illegible]" in Chernigov. Valentyna Tkachenko. My '62.
[illegible]
[illegible]' by Vladimir Kovalev. Reviewed by [illegible]. Oktiabr' 38 no. 4:219 Ap '62.
[illegible]MICH, 1863-1935
[illegible]ions of Petr Kuzmich Kozlov in the [illegible]ology and Ethnography. R. F. Its. [illegible]. 20:5-29 '61.
[illegible]STEPAN PETROVICH, 1713-1755
[illegible], a classic of Russian and world [illegible]mmary in English]. N. N. Stepanov. [illegible]97 Mr-Ap '62.
[illegible]INA TIMOFEEVNA
[illegible]'s skill. N. Bakhtiukov. Neva
[illegible]MOTIVE SOUNDS
[illegible]esel and steam engines at the [illegible]d junction. T. G. Ogienko, E. A. [illegible]i san. 27 no. 3:92-94 Mr '62.
[illegible]ERS (COMMUNIST YOUTH)
[illegible]dream. B. Ivanov. IUn. tekh. 6

KRASNODAR KRAY—MEDICAL SOCIETIES
Experience gained in the operation of an interdistrict medical society. N. A. Gavrikov, V. S. Lukianov, N. F. Shvidkovskii. Zdrav. Ros. Feder. 6 no. 1:32-33 Ap '62.

KRASNODAR TERRITORY—AGRICULTURAL ADMINISTRATION
Achievements of Kuban farmers will be their answer to the appeal of the party. F. Kolomiets. Sov. deput. trud. no. 4:11-18 Ap '62.

KRASNODAR TERRITORY—AGRICULTURAL MACHINERY—STUDY AND TEACHING
Karavaev, A. P. [Carrying out laboratory and practical exercises in a farm mechanization school] Provedenie laboratorno-prakticheskikh zaniatii v uchilishche mekhanizatsii sel'skogo khoziaistva. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1961. 30 p. (Obmen opytom raboty)

KRASNODAR TERRITORY—BARLEY—FROST RESISTANCE
Evaluating the frost resistance of winter wheat and winter barley in relation to their varietal characteristics in Krasnodar Territory. E. G. Grinfeld, A. N. Korzhina. Agrobiologiia. no. 2:188-191 Mr-Ap '62.

KRASNODAR TERRITORY—DISABILITY EVALUATION
One instead of five. I. Aulov. Sots. obesp. 23 no. 4:37-38 Ap '62.

KRASNODAR TERRITORY—HYBRID CORN
No, they are not rivals. Mark Popovskii. Znan. sila. 37 no. 3:5-7 Mr '62.

KRASNODAR TERRITORY—OIL INDUSTRIES
Reprocessing of supplied pressed oil cakes in the Armavir oil extracting branch plant. I. IA. Avramenko, P. P. Rabota. Masl.-zhir. prom. 28 no. 3:34-37 Mr '62.

KRASNODAR TERRITORY—STATE FARMS—FINANCE
Strengthen business accounting on state farms. L. N. Kassirov. Uchet i fin. v kolkhoz i sovkhoz. 19 no. 4:33-37 Ap '62.

KRASNODAR TERRITORY—WHEAT—FROST RESISTANCE
Evaluating the frost resistance of winter wheat and winter barley in relation to their varietal characteristics in Krasnodar Territory. E. G. Grinfeld, A. N. Korzhina. Agrobiologiia. no. 2:188-191 Mr-Ap '62.

KRASNOVODSK REGION—GEOLOGY, STRATIGRAPHIC
Turonian of the Krasnovodsk Peninsula and the central Kara Kum. M. M. Fartukov, B. A. Levshin. Izv. AN Turk. SSR. Ser. fiz.-tekh., khim. i geol. nauk no. 2:125-126 '62.

KRASNOYARSK—SYMPHONY ORCHESTRAS
When orchestras fall silent... Galina Vasil'eva. Sov. profsoiuzy. 18 no. 8:39 '62.

KRASNOYARSK—THEATER
In the Krasnoyarsk Dramatic Theater. I. Segedi. Teatr. 23 no. 6:89-93 My '62.

KRASNOYARSK HYDROELECTRIC POWER STATION
It will be near Krasnoyarsk. N. Bolgarov. Znan. sila. 37 no. 3:22-25 Mr '62.

KRASNOYARSK TERRITORY—BARNS—HEATING AND VENTILATION
Radiators for cattle barns. D. Kulikov. Pozh. delo. 8 no. 3:12-13 Mr '62.

KRASNOYARSK TERRITORY—COOPERATIVE SOCIETIES—AUDITING AND INSPECTION
Unscrupulousness. S. Zharkov. Sov. potreb. koop. 6 no. 4:35-38 Ap '62.

KRASNOYARSK TERRITORY—EPIDEMIOLOGY
Iodko, G. B. [Along forest paths; on the work of an antiepidemic expedition in Siberia] Lesnymi tropami; o rabote protivoepidemicheskikh ekspeditsii v Sibiri. Moskva, Medgiz, 1962. 130 p. (Nauchno-populiarnaia meditsinskaia literatura)

KRASNOYARSK TERRITORY—FOREST MANAGEMENT
From our practice. I. P. Zelentsov, I. P. Veligorskii. Les. khoz. 15 no. 4:80-81 Ap '62.

KRASNOYARSK TERRITORY—GAS, NATURAL—GEOLOGY
Prospecting for oil and gas in the northern part of Krasnoyarsk Territory. G. B. Ostryi. Geol. i geofiz. no. 2:127-129 '62.

KRASNOYARSK TERRITORY—PETROLEUM GEOLOGY
Prospecting for oil and gas in the northern part of Krasnoyarsk Territory. G. B. Ostryi. Geol. i geofiz. no. 2:127-129 '62.

KRASNOYARSK TERRITORY—PETROLEUM GEOLOGY—CONGRESSES
Conference on Coordinating the Research and Oil Prospecting in Krasnoyarsk Territory. I. Vysotskii. Geol. nefti i gaza. 6 no. 4:63-64 Ap '62.

KRASNOYARSK TERRITORY—PHYSICAL GEOGRAPHY

"Natural conditions of Krasnoyarsk Territory," Reviewed by G. D. Kurochkin. Priroda 51 no. 4, 121-122 Ap '62.

KRASNOYARSK TERRITORY—STATE FARMS—FINANCE

Strengthen business accounting on state farms. L. N. Kassirov. Uchet i fin. v kolkhoz i sovkhoz. 19 no. 4 33-37 Ap '62.

KRASNOYARSK TERRITORY—TICKS AS CARRIERS OF DISEASE

Iodko, G. B. [Along forest paths; on the work of an antiepidemic expedition in Siberia] Lesnymi tropami, o rabote protivoepidemicheskikh ekspeditsii v Sibiri. Moskva, Medgiz., 1962. 130 p. (Nauchno-popularnaia meditsinskaia literatura)

KRASNOYARSK TERRITORY—TILLAGE

Soil tillage before sowing. V. A. Ananiev. Zemledelie 24 no. 4:71 Ap '62

KRASNOYARSK TERRITORY—WATER RESOURCES DEVELOPMENT

"Krasnoyarsk Sea" by A. A. Korobchenkov. Reviewed by B. N. Likhanov. Priroda 51 no. 4, 122-123 Ap '62.

KRASNYY SULIN—AUXILIARY POLICE

They work well. A. Gorbunov. Sots. zakon 32 no. 3 75 Mr '62.

KRASNYY YAR DISTRICT—AGRICULTURE

Let's teach our farmers to work as the best farmers do. N. Doroshenko. Sov. deput. trud. no. 4 19-22 Ap '62.

KREMENCHUG HYDROELECTRIC POWER STATION—CONCRETE CONSTRUCTION

Advantages of the application of ultrasonic waves in testing concrete for strength. A. K. Tretiakov, A. M. Filonulov. Energ. stroi. no. 25:51-54 '61.

KREMENETS—HISTORY—SOURCES

Ukraine. Tsentral'nyi gosudarstvennyi istoricheskii arkhiv. [The Kremenets Provincial Court of Justice; description of the books of decrees of the 16th and 17th century] Kremenets'kyi Zems'kyi sud; opysy aktovykh knyh XVI-XVII st. Red. I. L. Butych. Sklaly: L. A. Popova, Z. S. Khomutets'ka, V. D. Chuntulova. Kyiv.

Vol. 1. [Books I-II (1568-1598)] Knyhy I-II (1568-1598 rr.) 1959.

(MIU)

KRESOL see Cresol

KRINITSYN, DMITRII IAKOVLEVICH, 1900-

D. IA. Krinitsyn's 60th birthday. Veterinariia 39 no. 1:96 Ja '62.

KRIVOY ROG—ATHEISM

A classified plan of atheistic propaganda. Voiov. ateist no. 4:29 Ap '62.

Fruitful work of our propagandists. V. Pavlov. Voiov. ateist no. 4:44 Ap '62.

KRIVOY ROG—BAPTISTS

Her happy days have returned. V. Usenko. Voiov. ateist no 4:37-38 Ap '62.

KRIVOY ROG—COAL MINERS—DISEASES AND HYGIENE

Tajik doctors visit the Donets Basin and Krivoy Rog. B. I. Zhukov. Zdrav. Tadzh. 9 no. 1 59 Ja-F '62

KRIVOY ROG—DORMITORIES

Good deeds are not forgotten. M. Zvenigorodskii. Sov. profsoiuzy 18 no. 2:35 Ja '62.

KRIVOY ROG—INDUSTRIAL MANAGEMENT

Struggle against the "bottlenecks." M. Tkach. Sov. deput. trud. no. 4:60-62 Ap '62.

KRIVOY ROG—LANGUAGES—STUDY AND TEACHING

Conducting conferences of the foreign language teachers' section. Inostr. iaz. v shkole no. 2:98-99 Mr-Ap '62.

KRIVOY ROG—MINERALOGY

Phases in mineral formation and the so-called "pigmented" rocks in the Krivoy Rog. IU. I. Bersholt. Geol. zhur. 22 no. 2:82-90 '62.

KRIVOY ROG—STEEL INDUSTRY

Industrial projects in the final stages of construction. N. Voloshin. Agitator no. 10:48-50 My '62.

KRIVOY ROG—THEATER

Successes and anxieties. Ivan Kornilenko. Mystetstvo 9 no. 1:18-19 Ja-F '62.

KRIVOY ROG BASIN—BORING

Shot drilling with reverse circulation in the Krivoy Rog Basin. V. P. Dorusov. Izv. vys. ucheb. zav. ;geol i razv. 5 no. 3:131-136 Mr '62.

KRIVOY ROG BASIN—BORING—TECHNOLOGICAL INNOVATIONS

Organization of work to promote efficiency and inventiveness in the "Krivbassgeologiia" Trust. A. A. Pitado. Razved. i okh. nedr 28 no. 3:47-48 Mr '62.

KRIVOY ROG BASIN—IRON MINES AND MINING

Determining the optimum area of a block in a system of sublevel induced caving under the conditions of the Dzerzhinskiy Mine. N. A. Solomatin. Gor. zhur. no. 4 30-33 Ap '62

Rapid completion of levels in the Krivoy Rog iron ore basin. S. I. Lugovskii, A. F. Khivrenko, I. A. Red'ko. Biul. TSIICHM no. 10, 12-17 '60

Selection of the basic parameters of bilges in caving systems under conditions of great rock pressure. V. F. Klochkov, S. F. Nikulin. Izv. vys. ucheb. zav. ;gor. zhur. 5 no. 1:8-15 '62

Study and improvement of chamber systems with mass pillar caving in the Krivoy Rog Basin. A. V. Rud'ko and others. Gor. zhur. no. 4 24-29 Ap '62

KRIVOY ROG BASIN—MINE VENTILATION

Local air cooling in the Artem Mine of the Dzerzhinskugol' Trust. V. N. Kukharev, P. I. Kukharenko, IU. N. Babchenko. Trudy Sem. po gor. teplotekh. no. 3:119-127 '61

Simplified semigraphical method of heat calculations for deep Krivoy Rog mines. G. V. Duganov, E. I. Baranov. Trudy Sem. po gor. teplotekh. no. 3:40-46 '61

KRIVOY ROG BASIN—MINING ENGINEERING

"Working deep-seated ore deposits in the Krivoy Rog Basin" by G. M. Malakhov, A. P. Chernous', V. M. Kiselev. Reviewed by A. F. Khivrenko and others. Gor. zhur. no. 4:75-76 Ap '62.

KRIVOY ROG BASIN—ORE DRESSING—EQUIPMENT AND SUPPLIES

Use of new ore-dressing equipment. IU. A. Khvatov, N. A. Poliakov. Gor. zhur. no. 4:58-62 Ap '62

KRIVOY ROG BASIN—STRIP MINING

Constructing an open pit in the Central Ore-Dressing Combine. A. I. Arsent'ev and others. Izv. vys. ucheb. zav. , gor. zhur. 5 no. 2 75-81 '62.

KRONOTSKIY GULF—DEEP-SEA DEPOSITS

Bottom sediments in Kronotskiy Gulf. V. P. Petelin. Trudy Inst. okean. 36:21-31 '59.

KRONOTSKIY GULF—EUPHAUSIIDAE

Euphausiids of Kronotskiy Gulf. L. A. Ponomareva. Trudy Inst. okean. 36,101-104 '59

KRONOTSKIY GULF—FISHERIES

Commercial fish of Kronotskiy Gulf and their use. I. A. Polutov, F. I. Vasil'ev. Trudy Inst. okean. 36:143-157 '59.

KRONOTSKIY GULF—FISHES

Spawning of commercial fish in Kronotskiy Gulf. N. V. Khrapkova. Trudy Inst. okean. 36:123-142 '59.

KRONOTSKIY GULF—MARINE FAUNA

Distribution of bottom fauna in Kronotskiy Gulf. A. P. Kuznetsov. Trudy Inst. okean. 36:105-122 '59

KRONOTSKIY GULF—OCEAN BOTTOM

Bottom relief of Kronotskiy Gulf. V. F. Kunaev. Trudy Inst. okean. 36:5-20 '59.

KRONOTSKIY GULF—OCEANOGRAPHY

Combined studies of waters in the Kurile Islands region and Kronitskiy Gulf (Kamchatka). T. S. Hass. Trudy Inst. okean. 36:202-292 '59.

Effect of Pacific waters on hydrological conditions in Kronotskiy Gulf, as revealed by the survey carried out in the spring of 1955. V. V. Leont'eva, A. I. Gamutilov. Trudy Inst. okean. 36:59-72 '59

Hydrogeologic characteristics of waters in Kronotskiy Gulf. A. E. Gamutilov. Trudy Inst. okean. 36:49-58 '59.

KRONOTSKIY GULF—ORGANIC MATTER

Organic matter in the sediments of Kronotskiy Gulf. E. A. Romankevich. Trudy Inst. okean. 36:32-39 '59.

KRONOTSKIY GULF—PHYTOPLANKTON

Distribution of phytoplankton in Kronotskiy Gulf. G. I. Semina. Trudy Inst. okean. 36:73-91 '59.

KRONOTSKIY GULF—ZOOPLANKTON

Distribution of zooplankton in Kronotskiy Gulf. E. A. Lubny-Gertsyk. Trudy Inst. okean. 36:92-100 '59.

KRONSTADT—CLOTHING INDUSTRY

One hundredth anniversary of the Kronstadt Clothing Factory. K. K. Purii. Shvein. prom. no. 1:39-40 Ja-F '62.

KRUPSKAIA, NADEZHDA KONSTANTINOVNA, 1869-1939

Promoting Lenin's ideas. M. Popov. Bibliotekar' no. 4: 11-13 Ap '62.

KRZHIZHANOVSKII, GLEB MAKSIMILIANOVICH, 1872-

Gleb Maksimilianovich Krzhizhanovskii; on the 90th anniversary of his birth. V. IU. Steklov. Gidr. stroi. 32 no. 4:63 Ap '62.

KUBAN—AGRICULTURE

Meetings in the Kuban. V. Shakhovskii and others. Sov. voin 44 no. 8:24-26 Ap '62.

KUBAN—CEMENT INDUSTRIES

Meetings in the Kuban. V. Shakhovskii and others. Sov. voin 44 no. 8:24-26 Ap '62.

KUBAN—MOLASSES—TESTING

Analyzing the viscosity of feed molasses of Kuban sugar factories. I. N. Akindinov, N. D. Poliakova. Sakh. prom. 35[i e. 36] no. 2 28-31 F '62.

KUBAN VALLEY—ANTIQUITIES

Silk with the image of Bahram Gur from the burial ground "Moshchevaia Balka" (Northern Caucasus) [with summary in English]. A. A. Ierusalimskaia. Trudy Gos. Erm. 5 40-50 '61

KUCHUMOV, PETRO VASYL'OVICH, 1900-

In memory of Petro Vasyl'ovich Kuchumov. Visnyk sil'hosp. nauky 5 no. 3 124 Mr '62

KUDRIAVTSEV, NIKOLAI IVANOVICH

Fifty-five years as a teacher. A. Ilukhin. Nach. shkola 30 no. 5:29-30 My '62.

KUGITANG-TAU—CLAY

Mineralogy of clay rocks in Jurassic deposits of the Kugitang. K. Kuliev. Izv. AN Turk. SSR Ser. fiz. -tekh., khim. i geol. nauk no. 2 86-90 '62

KUGITANG-TAU—ORE DEPOSITS

Fracture tectonics of the Maydanshakhskoye polymetallic deposit and its role in the formation of the ore deposit. M. Berkeliev. Izv. AN Turk. SSR. Ser. fiz. -tekh., khim. i geol. nauk no. 2 80-85 '62

KULUNDA STEPPE—SALT DEPOSITS

Artificial deposits of mineral salts. IU. P. Nikol'skaia, N. F. Liapunov. Priroda 51 no. 4:68-70 Ap '62.

KUMIR VALLEY—IRON ORES

Stratigraphic position of the Kargon-Kumir group of iron ore deposits. V. E. Popov. Trudy VSEGEI 60 101-106 '61.

KUMYK LITERATURE—HISTORY AND CRITICISM

"Studies of prerevolutionary Kumyk literature" by G. Musakhanova, "Studies of prerevolutionary Lak literature" by L. IU. Kassiev. Reviewed by G. Arzhanaia. Vop. lit. 6 no. 4 205-210 Ap '62.

KUNIAEV, STANISLAV

"Kazakhstan notebook" by Stanislav Kuniaev. Reviewed by P. Bogdanov. Oktiabr' 39 no. 1 216 Ja '62.

KURA LOWLAND—OIL SANDS

Lithology and reservoir properties of rocks in the upper part of producing formation in the Kura Lowland [in Azerbaijani with summary in Russian]. A. D. Sultanov, G. K. Abdullaev. Izv. AN Azerb. SSR Ser. geol. -geog. nauk no. 6:79-80 '59.

KURA VALLEY—DIPTERA

Bloodsucking midges (Diptera, Heleidae) in the Kura Lowland. Sh. M. Dzhafarov. Ent. oboz. 41 no. 1:206-219 '62.

KURA VALLEY—PEASANT UPRISINGS

Peasant unrest in the Shirakskaya Steppe in 1837-1838. M. G. Nersisian. Ist. -filol. zhur. no. 1 232-246 '62.

KURAMA RANGE—GOLD ORES

Metallogenic characteristics of gold-ore deposits in the eastern Kurama Range. IU. A. Aveiin. Uzb. geol. zhur. 6 no. 2:33-37 '62.

KURAMA RANGE—ROCKS, IGNEOUS—CLASSIFICATION

Petrographic classification of Upper Paleozoic effusive rocks of the Kurama Range. V. A. Arapov. Uzb. geol. zhur. 6 no. 1:63-67 '62.

KURDS see subdivision under Transcaucasia

KURGAN PROVINCE—VETERINARY MEDICINE—CONGRESSES

Plenary out-session of the Section of Stockbreeding of the All-Union Academy of Agricultural Sciences. G. P. Ianichev. Veterinariia 37 no. 10:89-90 O '60.

KURILE ISLANDS—FORESTS AND FORESTRY

Forest of Kurile Islands. G. P. Efanov. Les. khoz. 15 no. 4 27-29 Ap '62

KURILE ISLANDS—NATURAL RESOURCES

Akademiia nauk SSSR. Dal'nevostochnyi filial, Vladivostok. [Materials on the natural resources of Kamchatka and the Kurile Islands] Materialy po prirodnym resursam Kamchatki i Kuril'skikh ostrovov. Pod red. A. V. Stroitsenko i D. P. Vorob'eva. [Magadan] Magadanskoe knizhnoe izd-vo, 1960. 165 p. [MICROFILM]

KURILE ISLANDS—ROCKS, IGNEOUS

Petrography of contemporary volcanic rocks in the Kurile Islands arc (northern Kurile Islands). G. S. Gorshkov, G. E. Bogoiavlenskaia. Trudy Lab. vulk. no. 21:3-32 '62.

KURILE ISLANDS REGION—DEEP-SEA DEPOSITS

Bottom sediments in the northern Kurile area. P. L. Bezrukov, I. O. Murdmaa. Trudy Inst. okean. 36:169-190 '59.

KURILE ISLANDS REGION—FISHES

Spawning of commercial fish in waters adjacent to the northern Kurile Islands and southern Kamchatka V A Mukhacheva Trudy Inst. okean 36:259-274 '59

KURILE ISLANDS REGION—FLATFISHES

Some data on the distribution of flatfishes in the northern Kurile Islands region. M. I Legeza. Trudy Inst okean 36:275-281 '59.

KURILE ISLANDS REGION—MARINE FAUNA

Distribution of bottom fauna in the coastal waters of the Kurile Islands. A. P. Kuznetsov Trudy Inst. okean 36:236-258 '59.

KURILE ISLANDS REGION—OCEAN BOTTOM

Ocean bottom relief in the northern Kurile area. V F Kanney, N. I. Larina. Trudy Inst. okean 36 158-168 '59.

KURILE ISLANDS REGION—OCEANOGRAPHY

Combined studies of waters in the Kurile Islands region and Kronitskiy Gulf (Kamchatka). T. S. Bass Trudy Inst. okean. 36:282-292 '59.

Hydrological characteristics of waters in the northern Kurile area. V. I. Kuksa. Trudy Inst. okean 36:191-214 '59.

KURILE ISLANDS REGION—PHYTOPLANKTON

Some data on the spring and summer phytoplakton in the northern Kurile area. A. I. Kuz'mina Trudy Inst. okean. 36:215-229 '59.

KURSK—COMMUNITY CENTERS

Grigorii Kniuzhnyi's private firm. S TSegoev. Sov. profsoiuzy 18 no.9:47 My '62.

KURSK, BATTLE OF, 1943

Markin, I. I. [At the Kursk salient] Na Kurskoi duge. Moskva, Voen. izd-vo M-va oborony SSSR, 1961. 122 p.

Plan for operation "Citadel." B. Solov'ev. Voen.-ist zhur 4 no 1:80-84 Ja '62.

Stronger than death. F. Selivanov. Voen znan. 38 no. 4: 23-24 Ap '62

KURSK MAGNETIC ANOMALY—QUARTZITE—MAGNETIC PROPERTIES

Determining the origin of the magnetization of rocks by comparing the stability characteristics as exemplified by iron-bearing quartzites in the Kursk Magnetic Anomaly. L. S. Bezuglaia and others Izv. AN SSSR, Ser geofiz no 4 514-523 Ap '62.

KURSK PROVINCE—OFFENSES AGAINST SOCIALIST PROPERTY

We shouldn't be lenient to the pilferers of state property L. Kazlov, M. Petrovskii Part zhizn' no 9 46-49 My '62

KUSTANAY—GAS WELDING AND CUTTING

Efficient substitute. A. Mikul'chik. Nar. khoz Kazakh. 20 no. 3:77-78 Mr '62.

KUSTANAY PROVINCE—SECTS

Follow-up of articles published in our periodical Part zhizn' Kazakh. 31[i. e. 32] no 4:80 Ap '62

KUTUZOV, MIKHAIL ILLARIONOVICH, 1745-1813—FICTION

Through the eyes of a soldier. L. Punin. Neva no. 2: 185-186 '62.

KUWAIT—PETROLEUM INDUSTRY

"Democracy" with a petroleum smell. M. Zenovich. Az. i Afr. seg. no. 4:23 Ap '62.

KUWAIT—POLITICS AND GOVERNMENT

"Democracy" with a petroleum smell. M. Zenovich. Az. i Afr. seg. no. 4:23 Ap '62.

KUYBYSHEV—RETAIL TRADE

Make way for progressive methods. A. Aleksandrovich. Sov. torg. 35 no. 4:9-10 Ap '62.

KUYBYSHEV DISTRICT (TAJIKISTAN)—ANTIQUITIES

Ancient settlement in the Khaikadzhar region. T. I. Zeimal'. Trudy Inst. ist., arkheol. i etn. AN Tadzh. SSR 27:159-166 '61.

KUYBYSHEV PROVINCE—AGRICULTURE

New trends in agriculture in Kuybyshev Province. D. I. Burov. Zemledelie 24 no. 4:10-15 Ap '62.

KUYBYSHEV PROVINCE—ARCHIVES

With the archivists of Kuybyshev Province. M. N. Akimova. Vop. arkh. 7 no. 1:79-80 Ja-Mr '62.

KUYBYSHEV PROVINCE—CONSTRUCTION INDUSTRY—FINANCE

Increase the effectiveness of capital investment. I. Belotserkovskii. Ekon. stroi. no. 3:44-45 Mr '62.

KUYBYSHEV PROVINCE—EARTH TEMPERATURE

Geothermal field of the intraformational Kama-Kinel' Depression. A. V. Druzhinin. Geol. nefti i gaza 6 no. 3: 53-55 Mr '62.

KUYBYSHEV PROVINCE—INDUSTRIAL SAFETY

Seventeen nonstaff sections. B. Kopytin. Okhr. truda i sots. strakh. 5 no. 3:24 Mr '62.

KUYBYSHEV PROVINCE—PETROLEUM GEOLOGY

Structure of the basement surface in the trans-Volga portion of Kuybyshev Province A A Bykov, L N. Elanskii. Geol nefti i gaza 6 no. 3,28-31 Mr '62.

KUYBYSHEV PROVINCE—PROSPECTING—GEOPHYSICAL METHODS

Structure of the basement surface in the trans-Volga portion of Kuybyshev Province. A. A. Bykov, L N Elanskii Geol. nefti i gaza 6 no 3 28-31 Mr '62.

KUYBYSHEV PROVINCE—SOVIETS

Mandate of a deputy N. Koshelev Sov. deput. trud. no. 4 67-70 Ap '62.

KUYBYSHEV REGION—OAK

Spot seeding of oak in shelterbelts at the experimental farm of the Kuybyshev Institute of Agriculture. G P. Shesloperov Agrobiologiia no 2 258-267 Mr-Ap '62

KUYBYSHEV RESERVOIR—FISHES—DISEASES AND PESTS

Infestation of fishes with pleurocercoid Diphyllobothrium latum (Linne, 1758) in the northern portion of the Kuybyshev Reservoir [with summary in English]. O. D Liubarskaia. Zool. zhur. 41 no. 4 628-629 Ap '62.

KUYBYSHEVSK DISTRICT—HEMOSPORIDIA

Berenil in piroplasmosis and francaiellosis of cattle. N. N. Evplov, N. N. Tiga, V. I Mirovenko. Veterinariia 37 no. 3:24 Ag '60.

KUZMENKO, STEPAN EGOROVICH

"Roman Bakurov" by Stepan Kuzmenko. "Newsmen" by M. IUdalevich. Reviewed by A. Kharitonova. Sov. pech no. 4 46-47 Ap '62

"Roman Bakurov" by Stepan Kuzmenko Reviewed by K Troshkina Moskva 6 no 1 217-218 '62

KUZNETSK—GYNECOLOGY

Gynecological diseases among workers of the Kuznetsk Metallurgical Combine, and therapeutical measures taken. B. L. Shkol'nikova. Zdrav. Ros. Feder. 6 no. 3 26-30 Mr '62.

KUZNETSK ALA-TAU—BAUXITE

Evaluation of the bauxite potential of ancient carbonate deposits of the Kuznetsk Ala-Tau. A. I Krivtsov. Trudy VSEGEI 57 183-229 '61.

KUZNETSK ALA-TAU—GEOLOGY, STRATIGRAPHIC

Division of Lower- and Middle Cambrian sediments in the eastern slope of the Kuznetsk Ala-Tau B N Krasil'nikov. Geol. i geofiz. no. 1, 118-122 '62.

KUZNETSK ALA-TAU—GOLD MINES AND MINING

Geological operations in the TSentral'niy Mine A. M. Mitiushkin. Razved i okh nedr 28 no. 4 30-34 Ap '62

KUZNETSK ALA-TAU—MINERALS

Age of the Kogtakh gabbro-monzonite-syenite complex [with summary in English]. E. S. Sergeeva, V. I. Bognibov, S. L Khalfin Geol i geofiz. no 2 87-94 '62.

KUZNETSK BASIN—BLOOD—ANALYSIS AND CHEMISTRY

Peripheral blood indices in normal Kuzbass inhabitants. A. I. Kaganov, A. G. Rakhmankulov. Probl. gemat i perel. krovi no. 4:11-13 '62.

KUZNETSK BASIN—CLIMATE

Climatic conditions in the Kuznetsk Basin and their effects on the planning of housing. V. M. Piykin, V. E. Gorshkov. Izv. vys. ucheb. zav., stroi. i arkhit. 5 no. 1:102-203 '62.

KUZNETSK BASIN—COAL

Heat of combustion of the volatile matter of Kuznetsk Basin open pit mine coals and its effect on the mechanical underburning. V. E. Maslov. Teploenergetika 9 no. 5:20-22 My '62.

KUZNETSK BASIN—COAL MINES AND MINING

Dmitriev, S. I. [Mining thick steep and inclined seams using flexible roof supports] Razrabotka moshchnykh krutykh i naklonnykh plastov s primeneniem gibkikh perekrytii. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1962, 98 p.

KUZNETSK BASIN—HISTORY

Sokolova, V. P. [From the chronicle of the Kuznetsk Basin; memorable dates] Iz letopisi Kuzbassa; pamiatnye daty. [Kemerovo] Kemerovskoe knizhnoe izd-vo, 1960. 119 p.
(MH)

KUZNETSK BASIN—LUNGS—DUST DISEASES

Prevention of silicosis in the mines of the Kuznetsk Basin. P. T. Prikhod'ko. Gig. truda i prof. zab. 4 no. 3:56-57 Mr '60.

KUZNETSK BASIN—SHAFT SINKING

Rapid sinking of a vertical shaft at the Maganak Mine in the Kuznetsk Basin. A. M. Solntsev. Shakht. stroi. 6 no. 4:22-25 Ap '62.

KWANGSI CHUANG AUTONOMOUS REGION—ECONOMIC CONDITIONS

High aspirations of the people. I. Loboda. Az. i Afr. seg. no. 4:34-35 Ap '62.

KYMOGRAPH

Author's method for hysterokymography on a living animal G K Cherepakhin. Sbor. nauch rab. Kaf akush i gin GMI no 1 19-25 '60

Device for prolonged kymographic recording. IA. I. Zaidler. Farm. i toks. 25 no. 1:121-122 Ja-F '62.

Studies of the motor function of the intestines in man by the balloon-kymograph method Report No 1: "Hunger" motor activity of the small intestine in normal subject V. G. Khlystov, O. L. Kolosova Klin med no. 2:112-116 '62

Use of a photographic attachment with a cathode oscillograph as a photokymograph [with summary in English]. D P. Martiushkin. Biul. eksp. biol. i med. 53 no. 4 121-122 Ap '62.

X-ray kymography as a method for the physiological study of the gastrointestinal tract [with summary in English] M M Popov, P. K Klimov. Biul. eksp biol i med 3[i e 53] no 3 120-123 Mr '62.

KYZYL KUM—WATER SUPPLY

Water supply in the northern Kyzyl Kum V. I. Dimitrovskii. Razved. i okh nedr 28 no 4:40-42 Ap '62.

KZYL-ORDA PROVINCE—FISHERIES

Further development of fisheries in Kzyl-Orda Province I A Tiutiunnikov. Uch. zap. Kazakh un 37 no. 4 149-154 '58.

KZYL-TEPINSKIY DISTRICT—AGRICULTURE

Let's teach on the example of progressive experience I Norov. Part zhizn' [Uzb.] 5 no 2 45-48 F '62

KZYL-TEPINSKIY DISTRICT—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Let's teach on the example of progressive experience I. Norov. Part zhizn' [Uzb.] 5 no 2 45-48 F '62.

LABOR (OBSTETRICS)

Comparative action of aminophine and quinine in combination with pituitrin on the contractive activity of the uterus during labor. IU A. Vinogradova. Sbor nauch rab. Kaf akush i gin. GMI no. 1:80-82 '60.

Electroencephalographic study of the cortical representation of the genital system in the process of labor in human subjects. L. I. Lebedeva. Fiziol. zhur. 48 no. 3:300-302 Mr '62.

Method for combined acceleration of labor. IU. A Vinogradova. Sbor. nauch rab. Kaf. akush i gin. GMI no 1 74-79 '60.

LABOR, COMPLICATED

Secondary sutures in dehiscence of a perineal wound in puerperae [with summary in English] E. M. Solntseva. Sov med 26 no. 1:85-86 Ja '62.

Untimely bursting of waters and our tactics for managing labor with this complication. IU. A. Vinogradova Sbor nauch. rab Kaf akush i gin GMI no. 2 19-23 '60.

LABOR AND LABORING CLASSES

(see also subdivision under Bashkiria; France; Italy, Leningrad; Pavdinsk; Poland; Siberia, Sweden; Ukraine, United States)

Balagurov, IA. A. [Training skilled workers in Olonets and Petrozavodsk factories during the first half of the 18th century] Formirovanie rabochikh kadrov Olonetskikh Petrovskikh zavodov; pervaia polovina XVIII veka. Petrozavodsk, Gos. izd-vo Karelo-Finskoi SSR, 1955. 117 p.
(NNC)

Diaries of communist work brigades as historical source material. V. I. Bogatov. Vop. arkh. 7 no. 1:67-71 Ja-Mr '62.

Donskoi, G. M. [How to study the labor and socialist movement in modern history classes; the first period] Izuchenie voprosov rabochego i sotsialisticheskogo dvizhenila v kurse novoi istorii (pervyi period). Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 102 p. (Iz opyta uchitelia)

From the editor's mail. Sots trud 7 no 1:127-129 Ja '62.

"Heroes of our days," Reviewed by Artur Pilatov. Vokrug sveta no. 4:62-63 Ap '62.

Man, work and communism. B. Anin, B. Emel'ianov, V. Perel'man. Sov. profsoiuzy 18 no. 9:12-15 My '62.

On friends and comrades. D. Vykhodets and others. Sov. profsoiuzy 18 no 8:26-28 '62.

Vasylenko, I. A. [The heroic past of Russian workers, 1861-1895; a popular historical study] Z heroichnoho mynuloho robitnychoho klasu Rosii, 1861-1895; naukovo-popularnyi narys. Kyiv, Derzh. uchbovo-pedagog. vyd-vo 'Radians'ka shkola," 1961. 99 p.

Weekday heroics; survey of readers' letters. Sov. profsoiuzy 18 no 8:19 '62.

LABOR AND LABORING CLASSES—BIOGRAPHY

"The heroes of our days," compiled by M. Chernenko and others. Reviewed by L. Popova. Oktiabr' 38 no. 2:209-210 F '62.

LABOR AND LABORING CLASSES—DWELLINGS

Construction crane is a sign of prosperity. Ukraina no. 10:16 My '62.

LABOR AND LABORING CLASSES—EDUCATION

Present-day stage of training the labor force. G. Zelenko. Sots. trud 7 no. 1:11-23 Ja '62.

LABOR AND LABORING CLASSES—MEDICAL CARE

Land of long-life span V Timakov Moskva 6 no 1 179-184 '62.

Let's put in order the selection of patients for health resorts S Shtakil. Okhr truda i sots. strakh. 5 no 4 26 Ap '62

LABOR AND LABORING CLASSES IN LITERATURE

"Glory to work." Reviewed by E. Kletskii. Neva no. 2: 189-190 '62.

LABOR COURTS

(see also subdivision under Baku; Priluki)

Advice for the members of fellow workers' courts and voluntary policemen. Rad. pravo no. 2:52-55 Mr-Ap '62.

Answering our readers' questions. Sov. iust. no. 6:30 Mr '62.

Demotion of workers based on the decisions of fellow workers' courts. Sov. iust no. 6 21 Mr '62.

Gerasimov, V. V. [Let their friends judge them] Na sud tovarishchei. [Ivanovo] Ivanovskoe knizhnoe izd-vo, 1961. 39 p.

LABOR DISPUTES

Examination of labor disputes and the future civil procedure code. G. Kaftanovskaia. Sov. iust. no 5:12-13 Mr '62

Filippov, E. I. [How our courts protect the labor rights of Soviet citizens] Sudebnaia zashchita trudovykh prav grazhdan v SSSR. Izd. 2., perer. i dop. Moskva, Gos. Izd-vo iurid. lit-ry, 1961. 86 p.

LABOR LAWS AND LEGISLATION

Answering our readers' questions. Sots. zakon 39 no. 3 85-87 Mr '62.

Consultation on problems of labor law and social insurance Razved i okh nedr 28 no 3:53-54 Mr '62

Developing Soviet labor law during the period of transition to communist labor organization G Mankulenko, A Piatakov. Sots. trud 7 no. 1 24-34 Ja '62.

Juridical question-and-answer columns. M. M. Trubchaninova, M N. Smirnova Fel'd. i akush. 27 no. 3:51-55 Mr '62.

Legal regulation of the shorter workday in hazardous occupation. I. Mukminova. Sots. trud 7 no 1 130-136 Ja '62.

Russia (1923- U. S. S. R.) Laws, statutes, etc. [Collected labor laws] Sbornik zakonodatel'nykh aktov o trude. Izd. 4., ispr. i dop. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 747 p.

Survey of labor legislation. Sots. trud 7 no. 1:161-164 Ja '62

Uniformity, differentiation, and codification of Soviet labor laws. S. Kotyns'kyi. Rad. pravo no 2.102-107 Mr-Ap '62.

LABOR PARTY (GREAT BRITAIN) see Great Britain—Labor party

LABOR PASSPORTS

Current problems in the labor passport law A. Kaftanovskaia, V Nikitinskii. Sots. trud 7 no. 1:98-102 Ja '62.

LABOR PRODUCTIVITY

(see also subdivision under Kazakhstan)

For the efficient utilization of fixed assets. M Sakiev. Sots. trud 7 no. 1:35-40 Ja '62.

Morozov, P. T. [How workers struggle to increase labor productivity] Kak rabochie boriutsia za povyshenie proizvoditel'nosti truda. Moskva, Gos. izd-vo polit. lit-ry, 1962. 63 p. (Ekonomicheskie znaniia - rabochim)

Satunovskii, L. M. [Measuring and analyzing labor productivity in an industrial enterprise] Voprosy izmereniia i analiza proizvoditel'nosti truda na promyshlennom predpriiatii. Moskva, Gosstatizdat TsSU SSSR, 1961. 227 p.

LABOR PRODUCTIVITY—CONGRESSES

Problems of increasing labor productivity. G. Anisimov, I. Feminskii. Vop. ekon. no. 4:152-159 Ap '62.

LABOR SUPPLY see subdivision under Georgia

LABORATORIES

Efficient planning and organization of a modern laboratory. E. N. Lazarev. Zav. lab. 28 no. 3:361-364 '62.

LABORATORIES—SAFETY MEASURES

Kuderskii, I. G. [Instructions on safety measures in the performance of photogrammetric and photographic laboratory work] Pamiatka po tekhnike bezopasnosti pri vypolnenii fotolaboratornykh i fotogrammetricheskikh rabot. Moskva, Izd-vo geodez. lit-ry, 1961. 55 p.

LABRIOLA, ANTONIO, 1843-1904

A letter from Antonio Labriola to G. V. Plekhanov. E. S. Kots, I. N. Kurbatova. Nauch. dokl. vys. shkoly; filos. nauki 5 no. 2:108-111 '62.

LACQUER AND LACQUERING

Electrical insulation properties of lacquers based on condensed fatty acids. R. S. Kholodovskaia, K. I. Zabyrina, L. S. Smolenskii. Lakokras. mat. i ikh prim. no. 1:37-39 '62.

LACRIMAL ORGANS—DISEASES

Dobromyl'skii, F. I., and I. I. Shcherbatov. [Accessory sinuses of the nose and their connection with diseases of the orbit and the lacrimal ducts] Pridatochnye pazukhi nosa i ikh sviaz' s zabolevaniiami glaznitsy i slezootvodiashchikh putei. 2 izd., perer. i znachitel'no dop. Moskva, Medgiz, 1961. 287 p (DNLM)

LACTATION

Clinical course of abscessing mastitis following the intracutaneous administration of penicillin at the focus of the disease A. I. Kotel'nikova Sbor. nauch. rab. Kaf akush i gin GMI no 1 105-108 '60

Late results in the treatment of lactation mastitis by the intracutaneous administration of penicillin at the focus of the disease A. I. Kotel'nikova Sbor. nauch. rab. Kaf akush i gin GMI no. 1 109-110 '60

Study of lactation and some other physiological functions in goats during a modified water regime I Tulenbekov Izv AN Kazakh SSR Ser med i fiziol no. 1 83-90 '61.

Treatment of initial lactation mastitis by the intracutaneous administration of penicillin at the focus of the disease A. I. Kotel'nikova Sbor nauch rab Kaf. akush i gin GMI no 1 102-104 '60

LACTIC ACID

Lactic acid content in chicken embryo muscles in insulin hypoglycemia [with summary in English] L. G Leibson and others. Biul. eksp. biol. i med. 3[1, c. 53] no. 3: 39-43 Mr '62.

Oxygen requirement and lactic acid content in the blood in strenuous muscular work. N. I. Volkov. Fiziol. zhur., 48 no. 3:314-320 Mr '62.

Role of bacterial leaven in regulating the process of acid formation in ensilage. Preserving properties of lactic and acetic acids. D. I. Shamia, K. A. Il'ina. Trudy Inst. mikrobiol. i virus. AN Kazakh SSR 5:51-57 '61.

LACTIC ACID BACTERIA

Effect of acidophilic and lactic paste from corn on the fermentation processes in rumen N. U. Bazanova, T. U. Izmailov. Trudy Inst. mikrobiol. i virus AN Kazakh. SSR 5:50-62 '61.

LAK LITERATURE—HISTORY AND CRITICISM

"Studies of pre-revolutionary Kumyk literature" by G. Musakhanova; "Studies of prevolutionary Lak literature" by D. IU. Kasumov. Reviewed by G Aizhanula. Vop. lit. 6 no. 4:205-210 Ap '62

LAMBLIASIS see Giardiasis

LAMBS

Changes in some biochemical blood indices in lambs in connection with their age. S. I Sevast'ianov. Trudy AZVI 9 258-264 '56

Development of brain cells in lambs during the middle and late periods of uterine life. A. Murzamadiev Trudy AZVI 9:303-325 '56.

LAMBS—DISEASES AND PESTS

(see also subdivision under Kazakhstan)

Pathomorphological data on the foot-and-mouth disease in newborn lambs. G. A. Sulimkhanov, K. Sh. Gadzhiev, A. M Khankishiev. Veterinariia 37 no. 8:44-46 Ag '60.

Therapeutic effectiveness of antibiotics in diplococcal septicemia of lambs. A. M. Rakhmanov, U. Annabigin. Veterinariia 38 no. 1:41 Ja '61.

LAMELLIBRANCHIATA, FOSSIL

Notes on Late Triassic bivalve "Anaucella" usuriensis (Vor.). L. D. Kiparisova. Inform. sbor. VSEGEI no 47 97-103 '61

LAMINAR FLOW

Condition of the positivity of energy dissipation in the laminar flow of a rigid-plastic body O. D. Grigor'ev PMTF no 1 104 Ja-F '62.

LAMINATED METALS

Solomka, IA. F. [Manufacture of bimetallic parts] Proizvodstvo dvukhsloinykh detalei. Moskva, Mashgiz, 1962. 110 p.

Voloshchenko, IU. L., and A. D. Anbinder. [Manufacture of bimetallic bushings] Izgotovlenie bimetallicheskikh vtulok. Pod red. A. V. Kovalenko. Moskva, Mashgiz, 1961. 35 p. (Biblioteka mashinostroitelia. Seriia: "Za ekonomiiu metallov i elektroenergii")

LAND, NATIONALIZATION OF see subdivision under Kabardino-Balkar A. S. S. R.

LAND TENURE see subdivision under Akmolinsk County; Bukhara; Kabardino-Balkar A. S. S. R.; Lithuania; Moldavia; White Russia

LANDFORMS see subdivision under Ili Valley, Kazakhstan; Obshchiy Syrt; Soviet Central Asia

LANDFORMS—CONGRESSES

Present-day problems of the study of landforms; results of the 5th All-Union Conference on the Study of Landforms [with summary in English]. A. G. Isachenko. Vest. LGU 17 no. 6:82-92 '62.

LANDSCAPE ARCHITECTURE

Strengthen the role of the community in the improvement of public areas in cities. E. Brafman, M. Port. Ekon. stroi. no. 3:66-67 Mr '62.

LANDSCAPE GARDENING

(see also subdivision under Moscow)

Method of the arrangement of woody plants in landscapes of the Alupka Park [with summary in English] L. I. Rubtsov Trudy GNBS 32 11-14 '60

Provide clear-cut directives for landscape gardening operations. Les. khoz 15 no. 4 62 Ap '62

Shape of trees as an active hygienic and therapeutic force of nature [with summary in English], translated from the Rumanian V IA Karmezinu Trudy GNBS 32 15-22 '60

LANDSLIDES see subdivision under Crimea, Dzirula Valley

LANEN, CHRISTOFEL JACOBSZ, ca. 1570-1651

The painting "The finding of Moses" by Jasper van der Lanen [with summary in French] N. F. Smol'skaia Trudy Gos. Ermi. 6 no 2 224-230 '61.

LANGUAGE AND LANGUAGES

Annual meeting of the Department of Literature and Languages of the Academy of Sciences of the U. S. S. R. S Kozlov Izv. AN SSSR Otd. lit i iaz. 20 no. 4, 347-354 Jl-Ag '61.

"Distinguishing the written languages of the world" by R. S. Gilliarevskii, V. S Grivnin Reviewed by L. B. Nikol'skii Nar Azii i Afr no 2 246-247 '62.

The lecture of Professor Za Telegdi. K S Bykovskii. Vest. Mosk un. Ser 7 Filol., zhur 17 no 2 94-96 Mr-Ap '62.

Work in the field of linguistics in connection with decisions made by the 22d Congress of the CPSU. R I. Avanesov. Izv. AN SSSR, Otd lit i iaz. 21 no. 2 97-99 Mr-Ap '62

LANGUAGE AND LANGUAGES—BIBLIOGRAPHY see Bibliography—Language and languages

LANGUAGE AND LANGUAGES—CONGRESSES

All-Russian Congress on Teaching Foreign Languages in General Schools. Inostr. iaz. v shkole no. 2, 118-121 Mr-Ap '62.

Transactions of the Fifth Interuniversity Conference on Methods of Foreign Language Teachers. G L. Levin. Inostr. iaz. v shkole no. 2 126 Mr-Ap '62.

LANGUAGE AND LANGUAGES—STUDY AND TEACHING

Characteristics of foreign (Western European and American) psychology of teaching foreign languages. B. V. Beliaev. Vop. psikhol. 8 no. 1:157-167 Ja-F '62.

Conference on methods at the Kiev University. F. Sokolets. Inostr. iaz. v shkole no. 2:125-126 Mr-Ap '62.

Editor's mail. A. N. Liss and others. Inostr. iaz v shkole no. 4:101-105 Jl-Ag '61

Effect of interest on memorizing new words in studying a foreign language [with summary in English]. E. A. Loginova. Vop. psikhol. 8 no. 1:61-64 Ja-F '62.

Examinations for the proficiency certificate in foreign languages in 1962. Inostr. iaz. v shkole no. 2 121-122 Mr-Ap '62.

For a "direct" method in teaching foreign languages. I. N. Gorelov. Vest vys. shkoly 28 no. 4:37-41 Ap '62

For a thorough improvement of the system of studying foreign languages in our country. Inostr. iaz. v shkole no. 1:11-19 Jl-Ag '61.

Improving the study of foreign language Inostr iaz. v shkole no. 4:8-10 Jl-Ag '61.

Organizing groups for the study of foreign languages in the primary grades of general schools. K. Smirnova. Inostr. iaz. v shkole no. 2:122-123 Mr-Ap '62.

Our tribune. M. I. Kiseleva and others. Inostr. iaz. v shkole no. 4:20-31 Jl-Ag '61

Pedagogical lectures. N. V. Markushevich. Inostr. iaz. v shkole no. 2:123 Mr-Ap '62.

Some problems in teaching foreign languages. E. K. Nol'. Inostr. iaz. v shkole no. 2, 99-100 Mr-Ap '62.

Soviet man as a conqueror of space; materials in the English, German, and French languages. Inostr. iaz v shkole no. 4:63-74 Jl-Ag '61.

"Studies on the psychology of teaching foreign languages" by B. V. Beliaev. Reviewed by V. S TSetlin and others. Inostr. iaz. v shkole no. 4:115-121 Jl-Ag '61.

LANGUAGE AND LANGUAGES—TERMS AND PHRASES

Scientific conference on phraseology. Ukr. mova v shkoli 12 no. 2:91-94 Mr-Ap '62.

LANGUAGE AND LANGUAGES—TEXTBOOKS

Compiling the foreign language textbooks for senior grades. N. I. Gez. Inostr. iaz. v shkole no. 2:61-70 Mr-Ap '62.

Let's supply our schools with valuable textbooks. Inostr. iaz. v shkole no. 4:32-33 Jl-Ag '61.

Methodological demands made on foreign language textbooks for eight-year schools. I. V. Rakhmanov. Inostr. iaz. v shkole no. 4:34-44 Jl-Ag '61.

Methodological demands on foreign language textbooks for secondary schools. I. V. Rakhmanov. Inostr. iaz. v shkole no. 2:29-37 Mr-Ap '62.

Principles compiling for foreign language school textbooks. E. P. Shubin. Inostr. iaz. v shkole no. 4:44-56 Jl-Ag '61.

A textbook should become the main aid for the practical mastery of the language. A. V. Livshitz. Inostr. iaz. v shkole no. 2:71-74 Mr-Ap '62.

LANGUAGES—PHILOSOPHY
[Studies on logic and grammar] Logiko-grammaticheskie ocherki. Moskva, Gos. Izd-vo "Vysshaia shkola," 1961 257 p.

LANTHANIDES see Rare earths

LANTHANUM
Coprecipitation of microimpurities during the isothermal stripping of a saturated solution of K_2SO_4. Part 2
Coprecipitation of lanthanum with K_2SO_4 I V Melikhov, S G Babaian, V Mikulai Radiokhimiia 1 no 1 7-13 '62
Reaction of lanthanum with alizarin S. L.S Serdiuk, U.F.Silich. Izv.vys.ucheb.zav.,khim i khim.tekh. 5 no.1 38-42 '62.

LANTHANUM FLUORIDE
Decomposition of lanthanum fluoride with oxalic acid and sodium hydroxide [with summary in English]. E N Delchman, I. V. Tananaev Zhur anal khim 17 no. 2: 250-251 Mr-Ap '62

LAOS—POLITICS AND GOVERNMENT
Kozhevnikov, V.A. Laos. Moskva, Izd-vo "Znanie," 1962. 31 p. (Novoe v zhizni, nauke, tekhnike Serlia 7. Mezhdunarodnaia, no. 4)
[MICROFILM]
Logical question D IAkovlev Mezhdunar. zhizn' 9 no. 5:110-111 My '62.

LAPLACE TRANSFORMATION
Aizenshtat, V.S , V. I Kiylov, and A.S. Metel'skii. [Tables of numerical Laplace transformations and for the calculation of integrals of the form $\int_0^\infty x^s e^{-x} f(x)\,dx$] Tablitsy dlia chislennogo preobrazovaniia Laplasa i vychisleniia integralov vida $\int_0^\infty x^s e^{-x} f(x)\,dx$ Minsk, Izd-vo Akad. nauk BSSR, 1962. 375 p.

LAPSHINA, TAT'IANA STEPANOVNA
Thirty years guarding the nation's health. V. I Vediakin. Fel'd i akush. 27 no 3:56 Mr '62.

LARCH see subdivision under Plesetsk District, Yakutia

LARVAE—CRUSTACEA
Development of copepods in the Black Sea. Report No. 2 Nauplial stages of Calanus helgolandicus (Claus). L I Sazhina. Trudy SBS 14 102-108 '61.

LARYNX
Sex characteristics of the anatomical structure of the human larynx E. G. Sarkisova. Soob. AN Gruz SSR 28 no 1:97-102 Ja '62.

LARYNX—CANCER
Late metastases of cancer of the larynx. V. V. Lazo Vop onk 8 no. 3:33-38 '62.

LARYNX—DISEASES
Acute inflammation of the larynx. F. I. Dobromyl'skii. Zdorov'e 8 no. 4 26-27 Ap '62.

LATGALE—COMMUNISM
Latvijas Komunistiskas Partiju. Partijas vestures institute, Riga. [Communists of Latgale during the underground years, 1920-1940; reminiscences] Kommunisty Latgalii v gody podpol'ia, 1920-1940; vospominaniia. Riga, Latviiskoe gos. izd-vo, 1960. 328 p.
(ICU)

LATGALE—HISTORY
Latvijas Komunistiskas Partiju. Partijas vestures institute, Riga. [Communists of Latgale during the underground years, 1920-1940; reminiscences] Kommunisty Latgalii v gody podpol'ia, 1920-1940; vospominaniia. Riga, Latviiskoe gos. izd-vo, 1960. 328 p.
(ICU)

LATHES
Boguslavskii, B. L. [Semiautomatic and automatic lathes and automatic lines] Tokarnye poluavtomaty, avtomaty i avtomatizirovannye linii. Izd. 3, , perer. i dop. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1961. 599 p.

Brandelis, A. M. [Operator of automatic lathes] Avtomatchik na tokarnykh avtomatakh. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1961. 230 p.

Determining the precision of the adjustment of a set of lathes. N. I. Fadeev. [Trudy] MVTU no. 105:5-49 '61.

Development and introduction of multiple matching on turret lathes. I. IA. Shnaiderman. Mashinostroenie no. 2:9-15 Mr-Ap '62.

Device for automatic measurement of diameters of parts machined on lathes. B. K. Makarevich and others. Vest. mash. 42 no. 4:73-77 Ap '62.

Lych, N. M. , and V. G. Chirkov. [Improving the efficiency of automatic lathes] Povyshenie effektivnosti tokarnykh avtomatov. Moskva, Mashgiz, 1962. 156 p.

Table lathe. A. D. Kopylov. Shkola i proizv. 6 no. 3:75-80 Mr '62.

LATHES—ATTACHMENTS
Attachment for burnishing surfaces of plungers for hydraulic cylinders. A. A. Khlud. Mashinostroenie no. 2: 110 Mr-Ap '62.

Face plate with a pneumatic clamp. A. N. Pashin. Av. prom. 26 no. 8, 91-92 '57

LATHES—TECHNOLOGICAL INNOVATIONS
Glebov, G. A. [Modernization of lathes] Modernizatsiia tokarnykh stankov; opyt Sestiretskogo instrumental'nogo zavoda im. Voskova Leningrad, 1961 19 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serlia: Mekhanicheskaia obrabotka metallov, no. 24)

LATHES—TESTING
Effect of thermal deformations of units of fine-turning lathes on the precision of machining F. P. Duzhenkov Trudy MATI no 52 61-72 '61

LATIN AMERICA—COMMERCE
In search for the solution of difficulties; review of the Latin American press. G. Paporova. Vnesh. torg. 42 no. 5, 38-41 '62.

LATIN AMERICA—ECONOMIC CONDITIONS
"Economic distress and political instability," I Mikuson. Mezhdunar. zhizn' 9 no 5'118-123 My '62.

LATIN-AMERICAN LITERATURE
Principal periods in the history of Russian and Latin-American literary ties; dissemination and perception of Latin-American literatures in Russia in the 18th and 19th centuries. L. A. Shur. Izv. AN SSSR, Otd. lit. i iaz. 20 no. 4:332-335 Jl-Ag '61

LATIN LANGUAGE—DICTIONARIES—RUSSIAN
Cherniavskii, M. N. , N. B. Kliachko, and B. B. Khodorkovskaia. [Educational Latin-Russian and Russian-Latin dictionary of pharmaceutical terms] Uchebnyi latinsko-russkii i russko-latinskii slovar' farmatsevticheskikh terminov; dlia studentov-zaochnikov farmatsevticheskogo fakul'teta. Red., predisl. i vvedenie M. N. Cherniavskogo. Moskva, Pervyi MOLMI im. I. M. Sechenova, 1961. 56 p.
[MICROFILM]

LATIN LANGUAGE—GRAMMAR
IArkho, V. N. [The Latin language] Latinskii iazyk; uchebnik dlia fakul'tetov inostrannykh iazykov pedagogicheskikh institutov. Pod obshchei red. V. N. IArkho i V. I. Lobody. Moskva, Uchpedgiz, 1961. 373 p.
(CLU)

LATTICE DEFECTS
Energy spectrum of certain impurity atoms in germanium and silicon N A. Vitovskii and others Fiz tver tela 4 no 3,816-817 '62.

LATTICE THEORY
Local theorem for lattice random variables. M. Mamatov. Izv. AN Uz SSR, Ser fiz.-mat. nauk 6 no 1:82-84 '62
Temperature dependence of the isotopic effect in the magnitude of the parameter of the lithium lattice. V. S. Kogan, V. I. Khotkevich. Zhur eksp i teor. fiz. 42 no. 3 916-917 Mr '62.

LATVIA—ANTIQUITIES
Shnore, E. D. [The ancient site of Asotskoye] Asotskoe gorodishche. Riga, Izd-vo Akad. nauk Latviiskoi SSR, 1961. 232 p. (Materialy i issledovaniia po arkheologii Latviiskoi SSR, vol. 2)

LATVIA—ASPEN
Volume of the crown of aspen, birch, and spruce in oxalis type forests of Latvia. I. K. Ievin', E. O Dikel'son. Les. khoz. 15 no. 4:20-23 Ap '62.

LATVIA—BIRCH
Volume of the crown of aspen, birch, and spruce in oxalis type forests of Latvia. I K Ievin', E. O. Dikel'son. Les. khoz 15 no. 4:20-23 Ap '62.

LATVIA—BUILDING
For the high-quality construction of residential buildings. Sov. deput. trud. no. 4:102 Ap '62.

LATVIA—CATTLE BREEDING
Breeding work with the Red Latvian cattle. G. S. Aktinov. Vest. sel'khoz. nauki 7 no. 1:135-138 Ja '62.

LATVIA—CITIES AND TOWNS, RUINED, EXTINCT, ETC.
Shnore, E. D. [The ancient site of Asotskoye] Asotskoe gorodishche. Riga, Izd-vo Akad. nauk Latviiskoi SSR, 1961. 232 p. (Materialy i issledovaniia po arkheologii Latviiskoi SSR, vol. 2)

LATVIA—CORN (MAIZE)
Corn, basic component of feed rations. G. IA. Grichiat. Vest. sel'khoz. nauki 7 no. 1:130-133 Ja '62.

LATVIA—ECONOMIC GEOGRAPHY
[illegible]
Summera i P. M. Alampieva. Riga, Izd-vo Akad. nauk Latviiskoi SSR, 1956. 394 p.

LATVIA—GEOGRAPHY
Breds, Andrejs, and Konstantins Snitko. [Geography of the Latvian S. S. R.; textbook for grade 9 of secondary schools] Latvijas PSR geografija; macibu gramata vidusskolu IX klasei. Riga, Latvijas Valsts izdevniecība, 1959. 82 p. [In Latvian]

LATVIA—LANGUAGES—STUDY AND TEACHING
Teaching foreign languages in schools of the Latvian S S R. E. V. Gorokhova, G. F. Vedel'. Inostr. iaz. v shkole no. 4 84-90 Jl-Ag '61.

LATVIA—REVOLUTION, 1917-1921
"How Latvian riflemen struggled for the victory of the October Revolution, 1917-1918" by J Kalmins. Reviewed by B. A. Toman, P. K. Khromov. Vop. ist. KPSS 6 no. 2 187-189 '62.

LATVIA—SANATORIUMS
Changes for the better. IA Berkan and others Okhr. truda i sots strakh. 5 no 4 20-22 Ap '62

LATVIA—SHOE MANUFACTURE—EQUIPMENT AND SUPPLIES
New developments in the mechanization of the "Blazma" Combine. I. A. Mad. Kozh.-obuv. prom. 4 no. 2 38-39 F '62.

LATVIA—SPRUCE
Volume of the crown of aspen, birch, and spruce in oxalis type forests of Latvia I. K Ievin', E O Dikel'son. Les khoz. 15 no 4 20-23 Ap '62

LATVIA—STATISTICS
Latvian S. S. R. Statistikas parvalde. [National economy of the Latvian S. S. R., statistical collection] Latvijas PSR tautas saimnieciba; statistisko datu krajums. Narodnoe khoziaistvo Latviiskoi SSR, statisticheskii sbornik. Riga, Valsts statistikas izdevniecība, 1957. 229 p.

LATVIA—TECHNICAL EDUCATION
Universities of technical innovations have proven their value. G. Rotberg. Izobr i rats no. 4:8-9 Ap '62.

LATVIA—VETERINARY MEDICINE
Development of veterinary medicine during the years of Soviet rule in Latvia. O K Priednieks, P. I. Stukonozhenko Veterinariia 37 no. 12 10-14 D '60

LATVIA—WOMEN
[Appeal of Soviet Latvian women to Latvian women in the western zones of Germany and Austria, to all Latvian women in exile] Padomju Latvijas sieviesu aicinajums, latviesu sievietem Vacijas un Austrijas rietumu zonas, visam latviesu sievietem svesuma. Riga, Latvijas Valsts izdevniecība, 1949. 17 p. [In Latvian]

LATVIA—WORLD WAR, 1939-1945—ATROCITIES
Voices of a terrible tragedy. A. A. Zavarina. Vop. arkh 7 no. 1:110-111 Ja-Mr '72.

LATVIAN LANGUAGE—STYLE
Beitina, M. , and others. [Style manual of the Latvian language; materials for teachers of the Latvian language] Latviesu valodas stila maciba; materiali latviesu valodas skolotajiem. Riga, Latvijas Valsts izdevniecība, 1961. 157 p. [In Latvian]

LATVIAN LITERATURE—BIBLIOGRAPHY see Bibliography—Latvian literature

LATVIAN REFUGEES see Refugees, Latvian

LAUNDRIES—EQUIPMENT AND SUPPLIES
Popov, I. P. , and V. A. Minaev-TSikanovskii. [Operation, maintenance and repair of the equipment of mechanical laundries] Ekspluatatsiia i remont oborudovaniia mekhanicheskikh prachechnykh. Pod obshchei red. V. A. Minaeva-TSikanovskogo. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1961. 170 p.

LAVRENEV, BORIS ANDREEVICH, 1891-
Vishnevskaia, I. L. Boris Lavrenev. Moskva, Sovetskii pisatel', 1962. 282 p.

LAW
Akademiia nauk URSR, Kiev, Sektor derzhavy i prava. [Five hundred questions and answers on Soviet law, a legal reference book for the Soviet people] 500 zapytan' i vidpovidei z radians'koho zakonodavstva; iurydychnyi dovidnyk dlia naselennia. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 363 p.
New laws and regulations enacted by the ministries and governmental agencies of the U. S. S. R and the Union Republics. Sots. zakon. 39 no. 3, 93-99 Mr '62.
Russia (1923- U. S. S. R.) Laws, statutes, etc. [Laws of the U. S. S. R. and the decrees of the Supreme Soviet of the U. S. S. R.; adopted at the fifth, sixth, and seventh sessions of the Fifth Supreme Soviet of the U. S. S. R.] Zakony SSSR i postanovlenia Verkhovnogo Soveta SSSR. Priniaty na piatoi, shestoi i sed'moi sessiiakh Verkhovnogo Soveta SSSR piatogo sozyva. Moskva, Izd-vo "Izvestiia Sovetov deputatov trudiashchikhsia SSSR," 1962. 167 p.
Soviet laws enacted in 1958-1961. V. Kirin. Sots. zakon. 39 no. 3, 7-11 Mr '62.

LAW—BIBLIOGRAPHY see Bibliography—Law

LAW—CASES
(see also subdivision under Ukraine)
How the public prosecutors of the U. S. S. R. supervise the observance of laws. Sots. zakon. 39 no. 3 92-93 Mr '62.
Judicial practice. Sots. zakon. 39 no. 3:91 Mr '62.

LAW—CODIFICATION
Current problems concerning the systematization of laws. K. I. Ioannesian, I. O. Tolosian. Sov. gos. i pravo 32 no. 5;111-113 My '62.
Kerimov, D. A. [Codification of law and the preparation of new legislative enactments] Kodifikatsiia i zakonodatel'naia tekhnika. Moskva, Gos. izd-vo iurid. lit-ry, 1962. 102 p.
Some problems concerning the codification of family law. G. M. Tsaulkbaeva. Obshchestv. nauki v Uz. 6 no. 3 57-59 '63.

LAW—PHILOSOPHY
The nature of recommendatory norms. M. Bobrov. Sud. pravo no. 2 22-28 Mr-Ap '62.
Transformation of Soviet laws into the rules of communist self-government. V. S. Alekseev. Sov. gos. i pravo 32 no. 5;18-26 My '62.

LAW—STUDY AND TEACHING
District public prosecutors have raised their qualification. M. Nasybullin. Sots. zakon. 9 no. 3 61 Mr '62.

LAW, INTERNATIONAL see International law

LAW, MEDICAL see Medical laws and legislation

LAW, MINING see Mining law

LAW, ROMAN see Roman law

LAZARENKO, FEDOR MIKHAILOVICH, 1868-1953
Orenburg histology conference devoted to the memory of Professor F. M. Lazarenko, member-correspondent of the Academy of Medical Sciences of the U. S. S. R. Z. S. Khlystova. Arkh. anat., gist. i embr. 40 no. 5 117-120 My '61.

LAZAREV REGION, ANTARCTICA—ICE
The ice situation in the region around Lazarev Station in 1959. Iu. A. Kruchinin. Inform. biul. Sov. antarkt. eksp. no. 31 26-30 '61.

LE SUEUR, EUSTACHE, 1616-1655
Le Sueur's drawings [with summary in French] O. F. Le. Trudy Gos. Ermi. 6 no. 2 261-273 '61.

LEACHING
Automatic control of the process of continuous leaching of bauxite. V. I. Gumanov, A. M. Samoilin, A. A. Burgardt. TSvet. met. 35 no. 4;49-56 Ap '62.
Certain problems in the theory of leaching. A. D. Pogorelyi, N. M. Deniko, N. N. Kuznetsov. Izv. vys. ucheb. zav.; tsvet. met. 4 no. 2;54-64 '60.
Effect of pressure on the leaching of Hungarian bauxites. A. I. Beilnov, D. A. Zhemchuzhina. Izv. vys. ucheb. zav.; tsvet. met. 3 no. 2;68-95 '60.
Method of decomposing the alkali-calcium precipitate obtained in the process of treating nepheline rocks by hydrochemical methods. M. G. Manvelian and others. TSvet. met. 35 no. 1;46-49 Ap '62.

LEAD
(see also subdivision under Dzungarian Ala-Tau)
Purification of air from tetraethyllead vapors on a continuous multistage sorption unit in a fluidized bed of activated carbon. I. F. Zemskov. Zhur. prikl. khim. 35 no. 4 836-841 Mr '62.

LEAD—ANALYSIS
Determination of microquantities of lead and copper in solutions after a preliminary concentration by means of an ion exchange column. V. D. Alenkovskii, R. I. Lidina, A. D. Miller. Trudy LTI no. 40;5-11 '60.
Interaction of sulfarsazen with lead ions [with summary in English]. A. M. Lukin and others. Zhur. anal. khim. 17 no. 2;212-217 Mr-Ap '62.

LEAD—ELECTROMETALLURGY
Treatment of gold-bearing sulfide and lead concentrates by electric smelting. I. I. Kershanskii. TSvet. met. 35 no. 3;79-81 Mr '62.

LEAD—ISOTOPES
Evaluation of analyses of leads of similar isotopic composition. K. K. Zhirov, V. S. Urusov. Dokl. AN SSSR 143 no. 6;1432-1434 Ap '62.
Nomograms for computing errors in determining the absolute age by the lead method [with summary in English]. L. V. Chernyshev. Geokhimiia no. 3;271-279 '62.

LEAD—METALLURGY see subdivision under Ust'-Kamenogorsk

LEAD—TOXICOLOGY
Effectiveness of complecin and the $CaNa_2$ salt of ethylenediaminetetra-acetic acid in acute plumbate poisoning [with summary in English]. A. A. Rabanovskaia. Gig. truda i prof. zab. 4 no. 3;37-41 Mr '60.

LEAD ACETATES
Action of lead tetraacetate on Δ^5-pregnene. B. A. Arbuzov, Z. G. Isaeva, V. V. Ratnov. Izv. AN SSSR, Otd. khim. nauk no. 4;641-640 Ap '62.

LEAD ACETATES—PHYSIOLOGICAL EFFECT
Effect of lead acetate and silica on the development of experimental skin cancer. V. F. Solomina. Izv. AN Kazakh. SSR. Ser. med. i fiziol. no. 2;55-67 '61.

LEAD CHLORIDE
Investigating the effect of various factors on current efficiency in the electrolysis of fused lead chloride. A. A. Gal'pbek, A. L. Rotinian. Zhur. prikl. khim. 35 no. 4 787-795 Ap '62.
Purification of lead chloride-containing water with ion exchange resins. I. F. Zemskov, A. S. Stepanov, V. I. Gnezdov. Zhur. prikl. khim. 35 no. 3,671-676 Mr '62.

LEAD IN THE BODY
Effect of pectin in the elimination of lead from the body [with summary in English]. A. D. Bezzubov, O. G. Vasil'eva, A. I. Khatina. Gig. truda i prof. zab. 4 no. 1 32-37 Mr '60.
Metabolism of radioactive lead in the fractions of the blood system and in some other organs. A. T. Aldanazarov, I. A. L. Bul'vakter. Izv. AN Kazakh. SSR. Ser. med. i fiziol. no. 3;18-26 '61.

LEAD INDUSTRY see subdivision under Zyryanovsk

LEAD INDUSTRY—AUDITING AND INSPECTION see subdivision under Ust'-Kamenogorsk

LEAD MINES AND MINING—HYGIENIC ASPECTS
Some information on the incidence of silicosis among workers of Kirghiz lead mines. A. D. Dzhumabaev. Sov. zdrav. Kir. no. 1;11-13 Ja-F '62.

LEAD ORES see subdivision under Argun Valley

LEAD OXIDES
Physical and technological properties of lead oxide obtained by the electrochemical method. N. S. Rausadova, Lakokras. mat. i ikh prim. no. 1;63-64 '62.

LEAD POISONING
Effect of lead poisoning on development of experimental atherosclerosis [with summary in English]. L. K. Cherednichenko. Gig. i san. 27 no. 3 18-21 Mr '62.
Effect of lead-poisoning on the ultrastructure of the bony skeleton. K. Ch. Chuvakov. Trudy Semipal. med. inst. 2 18-48 '59.
Functional state of the adrenal cortex in chronic lead poisoning, preliminary report. B. K. Nurmaganbetov. Izv. AN Kazakh. SSR. Ser. med. i fiziol. no. 2;41-50 '61.
Periodic medical examinations of workers engaged in hand setting in typography. L. I. Al'perin, V. G. Khatenko, O. M. Churevich. Gig. i san. 26 no. 5 56-60 My '61.
X-ray observation of the regeneration of a bone homotransplant in chronic lead-poisoning in an experiment. U. Abdrakhmanov. Trudy Semipal. med. inst. 2;49-59 '59.

LEAD SILICATES
X-ray diffraction study of compounds in the $PbO - SiO_2$ system. I. G. Berezkina, D. M. Chizhikov. Zhur. neorg. khim. 7 no. 4;856-859 Ap '62.

LEAD TELLURIDE CRYSTALS
Temperature dependence of ultrasonic speed in lead telluride monocrystals in the range from 90° to 810°K. A. A. Chudinov. Fiz. tver. tela 4 no. 3;755-758 '62.

LEAF BEETLES
Functional importance of secondary sexual characteristics of leaf beetles (Coleoptera, Chrysomelidae, Camptosoma) [with summary in English]. I. N. Medvedev. Zool. zhur. 41 no. 1;77-84 Ja '62.

LEAF ROLLERS
Distribution of oviposition by the green oak roller on branches of the crown. N. N. Egorov, N. N. Rubtsova, T. N. Solozhenikina. Nauch. zap. VLTI 21 36-40 '60.
Leaf rollers Tortricidae [in German] by H. J. Hannemann. Reviewed by V. I. Kuznetsov. Ent. obozr. 41 no. 1; 245-246 '62.
New palearctic genera of leaf rollers of the tribe Olethreutini (Lepidoptera, Tortricidae). M. I. Falkovich. Ent. obozr. 41 no. 1;109-127 '62.
Pea green moth and its control in the forest stands of the northeastern Ukraine. L. G. Apostolov. Izv. vys. ucheb. zav.; les. zhur. 7 no. 6-24-26 64.

LEAF-SPOT see subdivision under Ukraine

LEAST SQUARES
Utianov, M. N. [Adjustment of spatial phototriangulation] Uravnivanie prostranstvennoi fototrianguliatsii. Moskva, Izd-vo geodez. lit-ry, 1961. 70 p.
Use of the least squares method for test analysis of lethality curves [with summary in English]. V. B. Prozorovskii. Farm. i toks. 25 no. 1;115-120 Ja-F '62.

LEATHER
Improving the quality and widening the assortment of acrylic emulsions. V. I. Elineeva, S. A. Petrova. Kozh.-obuv. prom. 4 no. 2;32-34 F '62.

LEBEDEV, PETR NIKOLAEVICH, 1866-1912
Electromagnetic nature of molecular forces. B. V. Deriagin. Priroda 51 no. 4;17-26 Ap '62.

LEBEDYAN'—MACHINERY INDUSTRY—TECHNOLOGICAL INNOVATIONS
Along difficult paths of creativeness. N. Volynchikov. Sov. profsoiuzy 18 no. 2;11-12 Ja '62.

LELCHES
"Congratulations on your first discovery, Kostik!" by Sergei Kozlenkin. Reviewed by B. Alekseev. Un-nat' no. 4 31 Ap '62.

LEGAL MEDICINE see Medical jurisprudence

LEGAL RESEARCH—INTERNATIONAL COOPERATION
Increased international contacts of the Institute of the State and Law of the Academy of Sciences of the U. S. S. R. in 1961. V. P. Shatrov. Sov. gos. i pravo 32 no. 5; 132-134 My '62.

LEGISLATION see subdivision under Germany, West

LEGISLATIVE REFERENCE BUREAUS
(see also subdivision under Georgia)
Current problems concerning the systematization of laws. K. I. Ioannesian, I. O. Tolosian. Sov. gos. i pravo 32 no. 5;111-113 My '62.

LEGUMES
Cultivation of pulse crops. A. K. Antonii. Vest. sel'khoz. nauki 7 no. 1,131-135 Ja '62.
Effectiveness of treating legumes with nitragin. M. IA. Finkel'shtein, G. G. Ovchinnikova. Zemledelie 24 no. 1 67-68 Ap '62.
Warehouses of protein; legumes as a valuable forage crop. A. P. Lisenkov. Priroda 51 no. 4;12-14 Ap '62.

LEIPZIG—EXHIBITIONS
Woodworking machinery and equipment at the Leipzig 1962 Spring Fair. Der prom. 11 no. 4 29 Ap '62.

LEIPZIG—FUR TRADE
International fur auctions in Leipzig. D. Solov'ev. Vneshn. torg. 42 no. 1;27 '62.

LEISHMANIASIS see subdivision under Alma-Ata

LEMMINGS
(see also subdivision under Kola Peninsula)
Morphological and physiological characteristics of two subspecies of the steppe lemming Lagurus lagurus obscurus Sereb. and L. L. agressus Sereb. [with summary in English]. T. S. Gladkina, M. N. Meier, T. M. Mokeeva. Zool. zhur. 41 no. 2 269-274 F '62.

LEMON see subdivision under Tajikistan; Vakhsh Valley

LENA RIVER
Sheatun, N. [Lena River] Reka Lena. Munich, 1949. 106 p.

LENA VALLEY—POLYZOA, FOSSIL
Middle Ordovician Bryozoa in the Lena Basin. F. A. Modzalevskaia. Inform. sbor. VSEGEI no. 47 51-74 '61.

LENIN, VLADIMIR IL'ICH, 1870-1924
According to Lenin... V. Shcherbina. Oktiabr' 38 no. 4;195-199 Ap '62.
Akademiia pedagogicheskikh nauk RSFSR, Moscow. [V. I. Lenin and the problems of public education] V. I. Lenin i problemy narodnogo obrazovaniia. Pod red. N. K. Goncharova i F. F. Korolova. Moskva, 1961, 268 p.
Atheistic legacy of V. I. Lenin [with summary in English, p. 183]. I. N. Olenichuk. Vop. filos. 16 no. 4;12-23 '62.
Before the mausoleum. N. Pikuzova. Rab. i stud. 38 no. 1 6-7 Ja '62.
Children's books on Lenin. Nar. obr. no. 4-112 Ap '62.
Conversation with Lenin. A. Vorbitskii. Av. i kosm. 14 no. 4,6-9 '62.
Forgers of the Leninist cause. tarash.-serzh. no. 4;1-3 Ap '62.
Further development of Lenin's cooperative plan. M. Gamalunov. Vop. ekon. no. 4;3-11 Ap '62.
Groundless assertion. A. I. Volodin. Vop. ist. KPSS 6 no. 2;150-153 '62.
History of the publication of V. I. Lenin's works. R. M. Savitskaia. Knigа, issl. i mat. 5;27-56 '61.
"How V. I. Lenin developed historical materialism in the late 19th and the early 20th century" by I. Kolovakha, M. Zlotina. Reviewed by A. P. Sertsova, G. D. Karpov. Nauch. dokl. vys. shkoly, filos. nauki 5 no. 2;132-136 '62.
"How V. I. Lenin struggled for militant materialism and revolutionary dialectic." Reviewed by V. V. Emel'ianov, L. V. Rusinova, P. D. Shashkevich. Vop. filos. 16 no. 4; 164-169 '62.
Kol'man, Emost. [Lenin and modern physics] Lenin i noveishaia fizika. 2, izd. Moskva, Gos. izd-vo polit. lit-ry, 1961. 156 p.
Kul'baev, M. A. [Lenin's cooperative plan and its fulfillment] Leninskii kooperativnyi plan i ego osushchestvlenie. Nal'chik, Kabardino-Balkarskoe knizhnoe izd-vo, 1960. 36 p. (MH)
Lenin, V. I. [Complete works] Polnoe sobranie sochinenii. Izd. 5. Moskva, Gos. izd-vo polit. lit-ry.
Vol. 27. [(August 1915-June 1916)] Avgust 1915-iiun' 1916. 1962. 643 p.
Lenin and the Russian Social Democratic Party Library in Geneva. K. Abramov. Bibliotekar' no. 4;9-11 Ap '62.

LENIN, VLADIMIR IL'ICH, 1870-1924 (Continued)

Lenin is always with us. M. Dolinskii, S. Chertok Sov. foto 22 no 4 1-4 Ap '62

Lenin is always with us. M. Kondakov. Nar. obr. no. 4 7-11 Ap '62

Lenin was a skilled propagandist of atheism. M. Shakhnovych, Volov. ateist no 4 6-9 Ap '62

Lenin's great example. Pozh. delo 8 no 4 1-2 Ap '62.

Lenin's program of militant materialism in action, on the 40th anniversary of the publication of V. I. Lenin's work "The significance of militant materialism." Nauch. dokl. vys. shkoly, filos. nauki 5 no. 2 3-10 '62.

Living image. I. Krivkov. Voen znan 38 no 4,5 Ap '62

Moscow, Kremlin, to Comrade Lenin. Zdorov'e 6 no. 4-4 Ap '62.

Moscow, TSentral'nyi muzei V. I. Lenina. [Lenin; an album] Lenin; al'bom. Sost. A. A. Amelina i dr. Moskva, Gospolitizdat, 1961. 1 v (chiefly illus.) (MH)

New documents of V. I. Lenin. Vop. ist. KPSS 6 no. 2;3-8 '62.

The 92d anniversary of V. I. Lenin's birth. Rad pravo no. 2 3-9 Mr-Ap '62.

Our great ideal. Nar. obr. no 4 1-5 Ap '62.

Recollections on Lenin. I. I. Gilshkinis Sots obesp. 23 no 4;8-9 Ap '62

An remarkable work of Lenin's genius. V. Shynkaruk Komm. Ukr 37 no. 4 22-31 Ap '62

Sidorov, M. I. [V. I. Lenin and the history of Russian materialistic philosophy] V. I. Lenin i voprosy istorii russkoi materialisticheskoi filosofii. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1962. 404 p.

Soldiers of Il'ich. A. Saenko Voen. znan 38 no. 4;6-7 Ap '62

Story about a note. Voen. znan. 38 no 4;8 Ap '62

Three main contributors. K. Eremeev. Sov. poch. no. 4. 10 Ap '62.

To Lenin for the truth. S. Kalinin Voen vest. 41 no. 4; 7-8 Ap '62.

Triumph of the immortal ideas of Lenin; on the 92d anniversary of V. I. Lenin's birth. V. Snastin. Agitator no. 6;8-18 Mr '62.

Umarov, S. U., and M. V. Mosatopanenko. [Lenin and the development of modern physics] Lenin i razvitie sovremennoi fiziki. Stalinabad, Tadzhikgosizdat, 1960. 249 p.
(NNC)

Unfading light. Zdorov'e 8 no. 4;1-2 Ap '62.

V. I. Lenin and "Pravda." A. Z. Okorokov Vest Mosk un. Ser 7 Filol., zhur 17 no 3 3-17 My-Je '62.

V. I. Lenin and problems of hygiene and sanitation. B. M. Petulov. Gig. i san. 27 no. 3-3-7 Mr '62.

"V. I. Lenin and the Bolshevik organization in Ekaterinoslav" by P. Varhatiuk. Reviewed by P. Shmorhun. Komm. Ukr. 37 no. 4;86-88 Ap '72.

V. I. Lenin and the development of Soviet aviation. L. Shishov. Voen.-ist. zhur. 4 no. 4-3-11 Ap '62.

V. I. Lenin and the philosophical problems of biology. I. I. Novinskii. Priroda 51 no. 4;3-10 Ap '62.

V. I. Lenin, founder of Soviet military strategy. S. Krasil'nikov Voen.-ist. zhur. 4 no. 1;3-14 Ja '62.

"The V. I. Lenin Library in the Kremlin", a catalog. Reviewed by Sh. Manuchar'iants Novyi mir 38 no. 1; 265-267 Ja '62.

"V. I. Lenin Library in the Kremlin; catalog." Reviewed by E. Lebedeva. Nar. obr. no. 4;107-109 Ap '62.

"The V. I. Lenin Library in the Kremlin." Reviewed by Dm. Moldavskii. Oktiabr' 38 no. 4;206-208 Ap '62.

V. I. Lenin on the study of dialectical logic and the general development of logic (conclusion). A. Joja. Nauch. dokl. vys. shkoly, filos. nauki 5 no. 3;11-21 '62.

"V. I. Lenin on the Ukraine" by V. P. Tytarenko. Reviewed by P. Denysenko Komm. Ukr 37 no 4 84-86

LENIN, VLADIMIR IL'ICH, 1870-1924—MUSEUMS, RELICS, ETC.

Alive with the living. I. Aksel'rod. Belarus' 19 no. 4-8 Ap '62.

At my post at the mausoleum. G. Kolmil'tsev. Starsh.-serzh no 4 3 Ap '62.

From the history of Lenin's archives in Poronin. O. Chervins'kyi. Komm. Ukr. 37 no 4 95-96 Ap '62

In Lenin's hometown. T. Nekrylov. Voen vest 41 no 4. 10-11 Ap '62

The telephone communication system of Il'ich's office. IA. V. Basaev. Vest. sviazi 22 no 4-31-32 Ap '62.

Valuable present from IUrii Kotsiubyns'kyi. B. Brodovs'kyi. Ukraina no. 10 18 My '62

LENIN DISTRICT (OSH PROVINCE)—SPIROCHETOSIS

Study of centers of tick-borne spirochetosis, and methods for the control of carriers. I. A. Tarvit-Gontar' and others. Sov. zdrav. Kir no. 1;44-46 Ja-F '62.

LENIN IN LITERATURE AND ART

Image of Lenin in songs. V. Muzalevskii Sov muz 26 no 4 0-11 Ap '62.

Lenin and Indonesian literature. V. V. Sikorskii Nar Azii i Afr no 2 130-134 '62.

"Lenin in Poland", a great portrayal. Evg. Gabrilovich. Oktiabr' 38 no. 1-62-81 Ja '62.

The "Lenin" Oratorio resounds at Kazan University. V. Vlasov Sov. muz. 26 no. 4 5-9 Ap '62

LENINGRAD—ART

Leningrad. Gosudarstvennyi russkii muzei. [Russian State Museum; an album of reproductions] Gosudarstvennyi russkii muzei; al'bom reproduktsii. Moskva, Gos. izd-vo izobraz. iskus., 1960. 1 v.
(NcU)

LENINGRAD—ART, AUSTRALIAN—EXHIBITIONS

Exhibition of the works of Australian artists. I. Grigor'eva. Soob. Gos. Erm no. 21;61-63 '61.

LENINGRAD—ART, ORIENTAL—EXHIBITIONS

The Oriental Section of the Hermitage prepares for the 25th International Congress of Oriental Studies. Soob Gos. Erm. no. 21;69-71 '61.

LENINGRAD—ART GALLERIES AND MUSEUMS

Anniversary dates. Soob. Gos. Erm. no. 21;76 '61.

Brief notes. Soob. Gos. Erm. no. 21;69 '61.

LENINGRAD—AUTOMOBILES—MAINTENANCE AND REPAIR

Competition guarantees success. A. Pishchik. Avt. transp. 40 no. 4-9-11 Ap '62.

LENINGRAD—BALLET

Leningrad. Gosudarstvennyi akademicheskii Malyi opernyi teatr. [State Order of Lenin "Malyi Opera Theater" in Leningrad] Leningradskii gosudarstvennyi ordena Lenina akademicheskii Malyi opernyi teatr. Leningrad, Gos. muzykal'noe izd-vo, 1961. 213 p.

LENINGRAD—CALCULATING MACHINES—EXHIBITIONS

Exhibition of the calculating machines of the Czechoslovak Socialist Republic. Bukhg. uchet 19 no. 3,78-79 Mr '62.

LENINGRAD—CHEMICAL LABORATORIES

Raskin, N. M. [M. V. Lomonosov's chemistry laboratory; chemistry in the St. Petersburg Academy of Sciences in the second half of the 18th century] Khimicheskaia laboratoriia M. V. Lomonosova; khimiia v Peterburgskoi Akademii nauk vo 2-i polovine XVIII v. Moskva, Izd-vo Akad. nauk SSSR, 1962. 339 p.

LENINGRAD—CLOTHING INDUSTRY

Consolidation of the preparatory and cutting shops. V. V. Moliavko, K. A. Arsent'eva. Shvein. prom. no. 2;5-7 '62.

se of high standards. V. G. German. Shvein. 3-4 Mr-Ap '62.

eningrad House of Fashion Designs. ein. prom. no. 2;17-20 Mr-Ap '62.

oduction lines. V. B. Chapkin. 8-10 Mr-Ap '62.

he decisions of the 22d Congress of al'nikov. Shvein prom. no. 2;1-2

ential shops. N. I. Egorova, O. L. prom. no. 2;15-16 Mr-Ap '62.

ING INDUSTRY—MANAGEMENT

k of informative meetings. N. S. Novi- no. 2;35 Mr-Ap '62.

INICABLE DISEASES—HOSPITALS

P. Botkin Infectious Disease Hospital ugradskaia infektsionnaia bol'nitsa 882-1961. [Leningrad] Medgiz, 1961.

UNIST PARTY OF THE SOVIET 'ORK

of the CPSU and technological prog- 961; based on the example of Lenin- y in English]. V. F. Smirnov. Vest. 1 '62.

LENINGRAD—ELECTRIC EQUIPMENT INDUSTRY

Workers of the power engineering industry of Leningrad are fighting for technological progress. I. D. Zharkii. Vest. elektroprom. 33 no. 4-54-55 Ap '62.

LENINGRAD—FIREMEN

It is worth the struggle. I. Kotov. Pozh. delo 8 no. 4 20 Ap '62.

LENINGRAD—FUR TRADE

New developments in the equipment of Leningrad Fur Factory No. 1. V. N. Dorokhov, L. M. Chernomordik. Kozh.-obuv. prom. 4 no 2,17-20 F '62

LENINGRAD—GEOPHYSICS—STUDY AND TEACHING

Strengthening the tie between teaching and practice in a geophysics major at the Leningrad Mining Institute A. A. Logachev Izv. vys. ucheb zav. ,geol i razv. 5 no 3-137-139 Mr '62

LENINGRAD—GRAPHIC ARTS—EXHIBITIONS

The exhibition "Russian engraving and lithography from the 18th to the beginning of the 20th century." G. Komelova. Soob. Gos. Erm. no. 21;64-67 '61.

LENINGRAD—HOSPITALS

Development of hospital service in Leningrad. A. M. Kopylov Zdrav. Ros. Feder. 6 no. 3 23-26 Mr '62.

LENINGRAD—LABOR AND LABORING CLASSES

Academic session on the history of Leningrad workers. V. A. Ezhov. Vest. LGU 17 no. 8;146-149 '62.

LENINGRAD—LIBRARIES, PRIVATE

"The Voltaire Library, a catalog of books." Reviewed by N. Sigal. Vop. lit. 6 no. 4;231-233 Ap '62.

LENINGRAD—MACHINERY INDUSTRY—FIRES AND FIRE PREVENTION

At the "Lenin" Plant. V. Ul'ianov. Pozh. delo 8 no. 4; 14 Ap '62.

LENINGRAD—MACHINERY INDUSTRY—PRODUCTION STANDARDS

Ronenson, G. E., and S. B. Livshits. [Computing a schedule of planned norms is the basis of comprehensive planning of assembly-line production] Raschety kalendarno-planovykh normativov - osnova kompleksnogo planirovaniia serinogo proizvodstva. Leningrad, 1961. 19 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Ekonomika i organizatsiia proizvodstva, no. 1)

LENINGRAD—MACHINERY INDUSTRY—TECHNOLOGICAL INNOVATIONS

No, you may not adhere to the old ways. A. Domoshko. Sov. profsoiuzy 18 no 8 14-15 '62.

LENINGRAD—MECHANICAL ENGINEERING

Student construction bureaus became a part of university life. E. A. Nepomniashchii. Vest. vys. shkoly 20 no. 4; 60-62 Ap '62

LENINGRAD—METAL INDUSTRIES—COSTS

Sabitov, F. Sh. [Ways to reduce production costs; practice of the Leningrad Metal Plant] Puti snizheniia sebestoimosti produktsii; opyt Leningradskogo Metallicheskogo zavoda. Leningrad 1961. 14 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Ekonomika i organizatsiia proizvodstva, no. 4)

LENINGRAD—MINERAL WATERS

Polyustrovskaia mineral water. I. E. Varin. Zdorov'e 8 no. 2;30 F '62.

LENINGRAD—MOTION-PICTURE STUDIOS

In the Union of Motion-Picture Employees. Isk. kino no. 4;33 Ap '62.

LENINGRAD—OPERA

Leningrad. Gosudarstvennyi akademicheskii Malyi opernyi teatr. [State Order of Lenin "Malyi Opera Theater" in Leningrad] Leningradskii gosudarstvennyi ordena Lenina akademicheskii Malyi opernyi teatr. Leningrad, Gos. muzykal'noe izd-vo, 1961. 213 p.

LENINGRAD—ORTHODOX EASTERN CHURCH

News from the Leningrad Diocese. Zhur. Mosk. Patr. no. 2;20-22 F '62.

LENINGRAD—PAINTINGS

Leningrad. Ermitazh. [Paintings] Zhivopis'. [Avtor al'boma: P. F. Gubchevskii] Moskva, Gos. izd-vo izobraz. iskus., 1960. [3] l., 50 col. plates.
(MiU)

LENINGRAD—PAINTINGS, BRITISH—EXHIBITIONS

The exhibition "British painting from 1700 to 1960." V. Levinson-Lessing. Soob. Gos. Erm. no. 21;3-11 '61.

LENINGRAD—PARKS

Parks of victory. V. Markov. Neva no. 3;206-208 '62.

LENINGRAD—PEACE—SOCIETIES, ETC.

A museum of great brotherhood. A. Losev. Neva no. 1;213-214 '62.

LENINGRAD—RESTAURANTS, LUNCHROOMS, ETC.
Shorter menu, better selection. V.Korovin. Obshchest. pit. no.3:15 Mr. '62.

LENINGRAD—RETAIL TRADE
Economic efficiency of trading in the new way. T. Ivaneva, D. Sharlot. Sov. torg. 35 no. 4:11-12 Ap '62

LENINGRAD—REVOLUTION, 1917-1921
Feat in Znamenskaya Square. E. Efremov. Neva no. 2: 218-219 '62.

LENINGRAD—SCULPTURE—EXHIBITIONS
Very promising. V. Boikov. Neva no. 3:198-205 '62.

LENINGRAD—SCULPTURE, RUMANIAN—EXHIBITIONS
Exhibition of contemporary Rumanian sculpture. Z. Zaretskaia, N. Koseareva. Soob. Gos. Erm. no. 21: 63-64 '61.

LENINGRAD—SHIPBUILDING
Results of the competition in the Leningrad Regional Administration of the Scientific Technological Society for Shipbuilding. L. L Stoliarskii. Sudostroenie 28 no. 4 32 Ap '62.
Sorokin, N. S. [A story about workers' pride] Rasskaz o rabochei gordosti. Moskva, Gos. izd-vo polit. lit-ry, 1962. 64 p. (Trudom velik chelovek)

LENINGRAD—SHIPBUILDING WORKERS
Soldiers of the party. A. Itigin. Neva no. 2:144-146 '62.

LENINGRAD—SIEGE, 1941-1944
At the southeastern approaches to Leningrad. K. Meretskov. Voen.-ist. zhur. 4 no 1:66-70 Ja '62.
Manakov, N. A. [Within the ring of a blockade; economics and daily life of besieged Leningrad] V kol'tse blokady; khoziaistvo i byt osazhdennogo Leningrada. [Leningrad] Lenizdat, 1961, 215 p.

LENINGRAD—SOCIALIST COMPETITION
Ivanov, K. M. [Seven-year plan in five years] Sem'-v piat'. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1960. 63 p. (Komsomol'skomu aktivistu)

LENINGRAD—SPHINXES
Egypt on the shores of the Neva. H. Borysova. Znan.ia — praisa no 4:23 Ap '62

LENINGRAD—SUBWAYS
Ionized air make-up of the atmosphere in the underground rooms of the V. I. Lenin Leningrad subway. S. V. Smirnov Gig. truda i prof zab. 6 no. 3:51-52 Mr '62.

LENINGRAD—THEATER
"Blue rhapsody." N. Zaitsev. Teatr 23 no. 5:102-104 My '62
"Dear liar." V. Sukhanevich. Teatr 23 no. 5:112-113 My '62

LENINGRAD—TROUSERS
Mechanization of the assembly line for the manufacture of high quality men's trousers. V. V. Astashina. Shvein. prom. no. 2:11-12 Mr-A. '62.

LENINGRAD ECONOMIC REGION—RADIO INDUSTRY
Public representation council attached to the department of labor and wages. V. Pal'gunov. Sots. trud 7 no. 1 103-108 Ja '62.

LENINGRAD PROVINCE—AGRICULTURE
Agriculture of eastern districts of Leningrad Province as related to local natural and economic conditions [with summary in English]. IU. P. Mikhailov. Vest. LGU 17 no. 3:93-108 '62.

LENINGRAD PROVINCE—AUDITING
Intradepartmental financial control in the enterprises of Leningrad. E. Fadeeva. Bukhg. uchet 10 no. 3:32-35 Mr '62.

LENINGRAD PROVINCE—AUDITING—CONGRESSES
Improve control and auditing work. Bukhg. uchet 10 no. 3:54-56 Mr '62.

LENINGRAD PROVINCE—CITIES AND TOWNS, RUINED, EXTINCT, ETC.
Work of the Khodzhent-Uarushana Detachment in 1958. N. Negmatov. Trudy Inst. ist., arkheol. i etn. AN Tadzh. SSR 27:112-120 '61.

LENINGRAD PROVINCE—RODENTIA—BIOLOGICAL CONTROL
Use of dry bacterial preparations in the control of rodents in Leningrad Province. N. V. Kandybin and others. Trudy Vses. inst. sel'khoz. mikrobiol. no. 14:344-352 '56.

LENINGRAD PROVINCE—STANDARDIZATION
Standardization in the enterprises of the Leningrad Economic Council. R. A. Reznikov. Standartizatsiia 25 no. 4:37-40 Ap '62.

LENINGRAD PROVINCE—STOCK AND STOCKBREEDING
Contribution of the institute to agricultural production. B. N. Fedotov. Veterinariia 38 no. 1:20-22 Ja '61.

LENINGRAD PROVINCE—WAGES—STEEL INDUSTRY
Bonuses for managerial and engineering personnel and technicians. V. Barokhmanskii. Sots. trud 7 no. 1 125-127 Ja '62.

LENINOGORSK—SHIGELLA DYSENTERIAE
Antibiotic sensitivity of dysenterial cultures isolated in the city of Leninogorsk. L. A. Savicheva. Zdrav. Kazakh. 22 no. 2:63-65 '62

LENINOGORSK REGION (ALTAI MOUNTAINS)—GEOLOGY, STRUCTURAL
Role of shift movements in the formation of the northeastern shear zone in the Altai and localization of complex metal mineralization in it [with summary in English]. E. G. Distanov Geol i geofiz no 2 52-65 '62

LENINOGORSK REGION (ALTAI MOUNTAINS)—ORE DEPOSITS
Role of shift movements in the formation of the northeastern shear zone in the Altai and localization of complex metal mineralization in it [with summary in English] E. G. Distanov Geol i geofiz no 2 52-65 '62

LENKORAN' PROVINCE—CLAY
Lithological and mineralogical characteristics of clay rocks in the Maikop series of Lenkoran' Province in Azerbaijan. A. G. Seidov. Izv. AN Azerb. SSR Ser. geol - geog. nauk no. 6:113-120 '59.

LEONARDO DA VINCI, 1452-1519
A study of the life and work of Leonardo da Vinci [with summary in French] M. A. Gukovskii Trudy Gos. Erm. 6 no 2:22-50 '61

LEONTII, Bishop of Podol'sk, 1928-
Address of His Holiness Patriarch Alekseii upon bestowing the prelatic crosier on Leontii, Bishop of Podol'sk. Zhur. Mosk. Patr. no. 2:12 F '62.
Nomination and ordination of Archimandrite Leontii (Gudimov). Zhur. Mosk. Patr. no. 2:15-17 F '62.

LEPIDINIUM COMPOUNDS
Synthetic dyes. Part 23. Synthesis of N-(p-hydroxyphenyl)-6-hydroxylepidinium iodide and its derivatives. G. T. Piliugin, B. M. Gutsulilak Zhur. ob. khim. 32 no 4 1050-1055 Ap '62.

LEPIDOPTERA—BIOLOGICAL CONTROL see subdivision under Voronezh Province

LEPROSY
Mycoses in leprosy. V. G. Andreev. Vest. derm. i ven. no. 4:15-20 '62.

LEPTOMENINGITIS see Meningitis

LEPTOSPIROSIS
(see also subdivision under Kola Peninsula, Rostov Province; Voronezh Province)
Anan'in, V. V., and E. V. Karaseva. [Natural focus of leptospiroses] Prirodnaia ochagovost' leptospirozov. Moskva, Medgiz, 1961. 288 p. (DNLM)
Leptospirosis in farm animals; according to materials received by the editor. Veterinariia 38 no. 1 51-53 Ja '61.
Materials on the study of leptospirosis in swine. S. IA. Liubashenko and others. Veterinariia 37 no. 8:33-38 Ag '60.
Spreading of leptospirosis infection (Pomona type) through reservoir water. I. A. Shifrin, G. A. Fabrikantov, S. P. Lavrinenko. Med. zhur. Uzb. no. 2:43-45 F '62.

LEPTOSPIROSIS—CONGRESSES
All-Union Conference on Leptospirosis. A. A. Varfolomeeva. Veterinariia 37 no. 8:91-92 Ag '60.

LERMONTOV, MIKHAIL IUR'EVICH, 1814-1841
Lermontov, M. IU. [A hero of our times] Geroi nashego vremeni. Izdanie podgotovili B. M. Eikhenbaum i E. E. Naidich. Moskva, Izd-vo Akad. nauk SSSR, 1962. 225 p.

LESKENSKIY DISTRICT—COLLECTIVE FARMS—MANAGEMENT
Economy of the Lenin Collective Farm in Leskenskiy District, Kabardino-Balkar A. S. S. R. T. A. Zhakomikhov. Uch. zap Kab.-Balk. gos. un. no. 8 99-109 '60.

LEUCOCYTES
Alkaline phosphatase activity in granulocytes of irradiated rats. IU. M. Zaretskaia. TSitologiia 4 no. 1:75-79 Ja-F '62.
Comparative analysis of the leucocytic reaction to the effect of polyglucin in the clinic and in an experiment [with summary in English]. I. L. Gol'dman. Biul. eksp. biol. i med. 53 no. 4:35-38 Ap '62.
Pelger's hereditary anomaly of the leucocytes. A. M. Kisilitsina, A. I. Shishov. Probl. gemat. i perel. krovi no. 4:46-47 '62.
Role of leucocytes in the development of granular tissue during the healing of wounds. Z. D. Ermolova. Trudy AZVI 9:233-250 '56.
Treatment of wounds and ulcers with delayed healing by intra-arterial transfusions of leucocytes. P. N Derbenev. Nov. khir. arkh. no. 3:8-13 '62.

LEUCOCYTOSIS
Protective compensatory role of a conditioned leucocytic reflex in rabbits based on a pharmacological stimulus. L. I. Krichko. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. no. 9:35-44 '61.

LEUCOPENIA
Effect of adrenaline oxidation products in leucopenia caused by irradiation. R. N. Abdullina. Radiobiologiia 2 no 2:196-199 '62.

LEUCOPENIA, MALIGNANT see Agranulocytosis

LEUCOSIS
Does a virus cause leucosis in cattle? V. M. Bergol'ts. Priroda 51 no. 4 102-104 Ap '62.
Leucosis in cattle. N T Vasil'ev. Veterinariia 37 no 12 19-24 D '60.
Metabolism of aromatic amino acids in children with acute leucosis [with summary in English]. A. IA. D'iachkova, N. S. Kisliak Vop med. khim 8 no. 2:144-149 Mr-Ap '62.
Present state of the problem of poultry leucoses. A A TSion. Veterinariia 37 no 12 43-47 D '60

LEUKEMIA
Antigenic variability of tissues in normal conditions and in leukemias [with summary in English]. V. S. Korostelova, P. N. Kosiakov. Biul. eksp. biol. i med. 53 no. 4 92-95 Ap '62.
Development of foci of extramedullary hematopoiesis at the sites of tissue injury in leukemias [with summary in English]. A. K. Ageev. Arkh. pat. no. 8:50-55 '61
Development of leukemia and tumors in an experiment on mice of the C3HA strain [with summary in English]. V A Parnes, A G. Varshavskii Biul eksp. biol i med. 3[i. e. 53] no 3 71-76 Mr '62.
Disturbance in the vitamin B_{12} metabolism in leukemias [with summary in English]. O. V. Kurlov. Klin. med. no. 8:42-50 '61.
"Immunology of leukemias" by V. A. Parnes. Reviewed by M. O. Raushenbakh. Pat. fiziol i eksp. terap. 5 no. 6: 85-86 N-D '61.
Leukemic disorders of the skin in childhood M. E. Lipets, G. A. Rodionov Arkh pat no 6:71-73 '61
Possibility of increasing the biological activity of extracts from human leukemic tissues [with summary in English]. V. V Dement'eva, V. M. Bergol'ts. Biul. eksp. biol. i med 3[i e. 53] no. 3 76 78 Mr '62.
Rare case of leukemia in an ox [with summary in English]. V. M. Mitrofanov. Arkh pat no 3, 73-76 '61

LEVEL INDICATORS FOR LIQUIDS see Liquid level indicators

LEVITSKII, DMITRII GRIGOR'EVICH, 1735-1822
Moleva, N. M. Levitskii. Moskva, Iskusstvo, 1960. 49 p. plates. (MH)

LEVITSKII, SERGEI L'VOVICH, 1819-1898
A letter written by A. I. Herzen to S. L. Levitskii S. D. Lishchiner. Izv AN SSSR. Otd. lit. i iaz. 21 no 2 140-142 Mr-Ap '62

LEVOMYCETIN
Combined effect of levomycetin and bacteriophage on dysenterial bacteria. L. S. Rudenko, L. N. Fedorova. Mikrobiol. zhur. 23 no. 6:37-41 '61.
Effect of levomycetin on phagolysis in dysenterial bacteria [with summary in English]. E. K. Ginter, E. V. Karaseva, E. P. Sivoloskii. Antibiotiki 7 no. 5:467-470 My '62.
Elimination of chicken cholera. G. V. Mal'tsev. Veterinariia 39 no. 1:46 Ja '61.

LIABILITY FOR TRAFFIC ACCIDENTS
Liability of automotive transportation units. K. Shveibish. Avt. transp. 40 no. 4:46-47 Ap '62.

LIAND, IULII ABRAMOVICH, 1892-1960
In memory of Iulii Abramovich Liand. Veterinariia 37 no. 12 82 D '60.

LIBANOTIS see subdivision under Altai Territory

LIBERTY
Concept of freedom under the microscope. Charlotte Carter, D. Carter. Nov. vrem. 20 no. 19:16-18 My '62.

LIBRARIES see subdivision under Chuvashia; Geneva, Kherson; Minsk; Moscow

LIBRARIES, MILITARY see Military libraries

LIBRARIES, PRIVATE
(see also subdivision under Leningrad)
The second village library... A. Mkhitar'ian. Neva no. 3:215-216 '62.

LIBRARIES, RURAL see Rural libraries

LIBRARIES, SCHOOL see School libraries

LIBRARIES, SPECIAL see subdivision under Moscow

LIBRARIES, YOUNG PEOPLE'S see subdivision under Moscow

LIBRARIES AND READERS
(see also subdivision under Vereshchagino)
About a debate A. Borozdina Bibliotekar' no. 4:38-39 Ap '62.
Give greater aid to the all-around and harmonious development of readers. I. TSaregradskii. Bibliotekar' no. 4:4-7 Ap '62

LIBRARY SCHOOLS AND TRAINING
Seminar for workers in technical libraries of the Ministry of the Merchant Marine. Mor flot 22 no 4:40 Ap '62.

LIBRARY SCIENCE—PERIODICALS
"Transactions" of the Leningrad State Library Institute. Reviewed by S. Zil'ber, B. Levintov. Bibliotekar' no 4: 58-61 Ap '62.

LICHEN PLANUS
External use of corticosteroid hormones in treating circumscribed neurodermatitis and eczema [with summary in English]. IU. K. Skripkin. Sov. med 25 no 1:110-115 Ja '62.

LICHENS see subdivision under Kamennye Mogily Preserve

LIDA—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS
Angilov, V.A., and V. V. Smirnov [In the small town of Lida] V malen'kom gorode Lide... [Moskva] Izd-vo TsK VLKSM 'Molodaia gvardiia," 1962. 101 p.

LIE ALGEBRAS
One hypothesis of the theory of Lie algebras A I Shirshov Sib mat zhur. 3 no 2 297-301 Mr-Ap '62
Some algorithmic problems for Lie algebras. A I Shirshov. Sib. mat. zhur 3 no. 2 292-296 Mr-Ap '62.

LIFE—ORIGIN
Khamitova, R.M. [Struggle of materialism with idealism on the origin and nature of life] Bor'ba materializma s idealizmom po voprosu o proiskhozhdenii zhivykh tel i sushchnosti zhizni. Stalinabad, Tadzhikskoe gos. izd-vo, 1959. 141 p.
(NNC)

LIFESAVING AT FIRES
Giving his life to save a life. G. Kazarian Pozh. delo 6 no. 3:27 Mr '62.

LIGHT
Nonlinear light. D.A. Frank-Kamenetskii. Priroda 51 no. 4:108 Ap '62.

LIGHT—PHYSIOLOGICAL EFFECT
Karapetian, S.K. [Role of light in the physiological stimulation of the animal organism] Rol' sveta v fiziologicheskoi stimuliatsii zhivotnogo organizma Erevan, Izd-vo AN Armianskoi SSR, 1961. 131 p.

LIGHT—SCATTERING
Dependence of the intensity of light scattering in nerve cells on the concentration of certain alterants and the duration of their action. S. V Levin TSitologiia 4 no 1:63-67 Ja-F '62.

LIGHTING
Lighting of the operative departments of radar stations. N. I Matusov Gig truda i prof zab 4 no 6 47-50 Je '60

LIGHTNING
Development of the theory of lightning and the long spark. I. S. Stekol'nikov. Vop. ist. est i tekh. no 12,75-82 '62.

LIGHTNING PROTECTION
Inspection of lightning arrestors. I. Samoilenko. Pozh. delo 8 no. 4, 10-11 Ap '62.

LIGHTWEIGHT CONCRETE—TESTING
Standardization of the strength and deformation characteristics of structural keramzit concrete. D.N. Ageev, R.O. Krasnovskii, G. IA. Pechkovik. Bet. i zhel.-bet. no. 1:17-21 Ja '62.

LIGROINE

LINEAR DIFFERENTIAL EQUATIONS see Differential equations, Linear

LINEAR EQUATIONS
Approximation of an incompatible system of linear equations on the principle of minimizing the sum of the moduli of all deviations. S. I. Zukhovitskii. Dokl. AN SSSR 143 no. 3 1030-1033 Ap '62.

LINEAR PROGRAMMING
Certain problems concerning the assignment of schedules. A. L. Lur'e Prob. kib. no. 7 201-208 '62.
Linear programming method in planning the optimum distribution of industrial enterprises producing building materials I Birman. Ekon stroi no. 3:52-59 Mr '62.

LINGERIE
Improve the manufacture of women's furnishings. Z. I. Vinogradova Shvein prom. no 2:13-14 Mr-Ap '62

LINK-BELTING
Vorob'ev, N. V. [Chain transmissions] TSepnye peredachi Izd. 3, ispr. i dop. Moskva, Mashgiz, 1962. 238 p.

LIPATOV, VIL' VLADIMIROVICH
"The fairway" by V. Lipatov. Reviewed by F. Svetov. Znamia 32 no. 1:215-218 Ja '62
"Wisdom tooth; a short story" by Vil' Lipatov. Reviewed by V. Sterkova. Oktiabr' 38 no. 4:210-213 Ap '62.

LIPETSK PROVINCE—AGRICULTURE
Effective use of land I. P. Volovchenko. Vest. sel'khoz. nauki 7 no. 3 8-13 Mr '62

LIPETSK PROVINCE—ARITHMETIC—STUDY AND TEACHING
Organizing arithmetic lessons in the progressive schools of Lipetsk Province. O. S. Dubynchuk, O. G. Chervatiuk. Rad shk 41 no. 5 75-80 My '62.

LIPETSK PROVINCE—HISTORY—STUDY AND TEACHING
Reorganizing the teaching of history and nature study. A. A. Kozlova. Nach shkola 30 no 5 45-52 My '62

LIPETSK PROVINCE—INSURANCE, SOCIAL
Council of a province department. Sots. obesp. 23 no. 4: 13 Ap '62

LIPETSK PROVINCE—NATURE STUDY
Reorganizing the teaching of history and nature study. A. A. Kozlova. Nach. shkola 30 no 5:45-52 My '62

LIPETSK PROVINCE—TEACHING
In search of a new lesson organization in the schools of Lipetsk Province G V Vorob'ev, Z. I. Romanovskaia Sov. pedag. 26 no. 4-26-36 Ap '62.

LIPID METABOLISM
Effect of X rays on lipid metabolism in the dog liver [with summary in English]. T. IA. Polosukhina and others. Vop. med. khim. 8 no. 2:192-199 Mr-Ap '62.

LIPIDS
Dependence of lipid content in the liver on the temperature of the external environment. V. V. Solodovnikova. Trudy Semipal. med. inst 2 132-136 '59.

LIPKANY—VETERINARY LABORATORIES
One year's work of the Lipkany District Laboratory of Veterinary Bacteriology. A. IA. Khoderovskii. Veterinariia 37 no. 12, 17-18 D '60.

LIPKANY DISTRICT—STOCK AND STOCKBREEDING
We shall achieve good results in 1962. G. Petrov. Komm. Mold 7 no. 3 29-31 Mr '62.

LIPOPROTEINS

[illegible] in liver lesions [with summary in Eng[illegible]. Klin. med. no. 2:71-75 '62.

[illegible]lood serum in different types of disral circulation [with summary in el'shtedt and others. Zhur. nevr. i [illegible]-65 '62.

[illegible]on of the methods of radiation treatie lower lip. R. V. Konevalov Vop. '62.

[illegible]UM GAS see subdivision under

[illegible]on the domain structure of liquid [illegible]ustin, L. M. Dmitriev. Kristallogra- 4 Mr-Ap '62.

[illegible]ng of reactors when liquid high [illegible]arriers are used. B. L. Livshits, [illegible]kras. mat. i fiz. prim. no. 1:74-78

[illegible]ial-torsional vibrations in a viscous [illegible]/ in English]. E. L. Andronikashvili. [illegible]ruz. SSR. 6:33-41 '58.
[illegible]a experiments with helium II [with [illegible]]. E. L. Andronikashvili. Trudy [illegible]SR 6:8-32 '58.

LIQUID LEVEL INDICATORS
Float level indicator. N V Podbornov. Khim prom no 3:215-216 Mr '62.

LIQUID METALS
Thermodynamic properties of liquid alloys in the systems zinc - antimony and zinc - antimony - lead Izv vys ucheb. zav.; tsvet. met. 3 no. 2:175-177 '60

LIQUID OXYGEN
Sensitivity of ozone-oxygen solutions to pressure pulse. Z. B. Basyrov, A. V Pankratov. Khim. prom. no 3 174-175 Mr '62

LIQUIDS—ELECTRIC PROPERTIES
Apparatus for the continuous recording of the electric conductivity of flowing liquids. I. A Kuzin, A M Semushkin. Trudy LTI no. 48:201-208 '58

LISOVSKAIA, SOF'IA NIKOLAEVNA, 1876-1951
Life and work of S. N. Lisovskaia; on the 10th anniversary of her death. A. M. Gasparian. Urologiia no. 5 62-63 '61.

LISTERELLOSIS
Malignant catarrhal fever and listerellosis in cattle. G. G. Badenashvili, I. F. Gogilashvili, P. N. Ionidi. Veterinariia 37 no. 8:26-27 Ag '60
Streptomycin in listerellosis of swine M. F Sakhno. Veterinariia 37 no. 12 58 D '60.

LITERATURE
Brief news. Vop. lit. 5 no. 12:246-247 D '61.

LITERATURE—BIBLIOGRAPHY see Bibliography—Literature

LITERATURE—HISTORY AND CRITICISM
(see also subdivision under Soviet Central Asia)
[History of foreign literature of the 19th century] Istoriia zarubezhnoi literatury XIX veka. [by] M. E. Elizarova i dr. Izd. 2. Moskva, Uchpedgiz, 1961. 615 p.

LITERATURE—HISTORY AND CRITICISM—BIBLIOGRAPHY see Bibliography—Literature—History and criticism

LITERATURE—PHILOSOPHY
According to Lenin... V. Shcherbina. Oktiabr' 38 no. 4:195-199 Ap '62.

LITERATURE—TERMINOLOGY
Meeting on problems of literary terminology. G. I Meshtseva. Izv. AN SSSR. Otd lit. i iaz. 20 no. 4:356-358 Jl-Ag '61.

LITERATURE, COMPARATIVE
Akademiia nauk SSSR. Institut mirovoi literatury. [From the history of 19th century literary ties] Iz istorii literaturnykh sviazei XIX veka Moskva, Izd-vo Akad. nauk SSSR, 1962. 334 p.

LITERATURE, COMPARATIVE—JAPANESE AND RUSSIAN
Influence of Russian literature on Japanese literature. Yokemura Yoshitaro. Izv AN SSSR. Otd lit. i iaz 20 no. 2:97-110 Mr-Ap '61.

LITERATURE, MODERN—HISTORY AND CRITICISM
Zatonskii, D. V. [Twentieth century; notes on literary form in the West] Vek dvadtsatyi; zametki o literaturnoi forme na Zapade. [Kiev] Izd-vo Kievskogo univ., 1961. 257 p.
(RPB)

LITERATURE AND COMMUNISM see Communism and literature

LITHIUM—ISOTOPES
Temperature dependence of the isotopic effect in the magnitude of the parameter of the lithium lattice V. S. Kogan, V. I. Khotkevich. Zhur. eksp i teor fiz. 42 no. 3:916-917 Mr '62.

LITHIUM—SPECTRA
Spectral determination of lithium and cesium in the flame of thermite tablets. V. B. Aleskovskii and others. Trudy LTI no. 48:90-93 '58.

LITHIUM CHLORIDE
Interaction of minerals containing rare alkaline elements with salts and oxides during sintering and melting. Part 3. Reactions taking place in the interaction of spodumene with a mixture of calcium carbonate and chloride. V. E. Plyushchev, I. V Shakhno, L. P. Shklover. Izv. vys. ucheb. zav., khim. i khim. tekh. 5 no. 1:133-140 '62.

LITHIUM SULFATE
Simultaneous solubility of lithium and beryllium sulfates in sulfuric acid. A. Avirmed, L. P. Reshetnikova, A. V. Novoselova. Vest. Mosk. un. Ser 2:Khim. 17 no. 2:47-49 Mr-Ap '62.

LITHOPONE—PHYSIOLOGICAL EFFECT
Clinical and experimental study of the effect of lithopone dust on the lungs. T. G. Mgeladze, A. G. Narsia. Gig. truda i prof. zab. 4 no. 3:51-53 Mr '60.

LITHUANIA—AGRICULTURE

A spring of vigorous growth B. Chirkov Komsom. zhizn' no 8:11-13 Ap '62.

LITHUANIA—BOTANY

Lietuvos TSR Mokslu akademija, Vilna. Botanikos institutas. [Flora of the Lithuanian S. S. R.] Lietuvos TSR flora. Vilnius, Valstybine politines ir mokslines literaturos leidykla. [With summaries in Russian and German]
Vols. 1, 3. 1959-1961.
(DA)

LITHUANIA—COMMUNIST PARTY

Lietuvos komunistu partija. 13. suvaziavimas. [The 13th Congress of the Communist Party of Lithuania] XIII s"yezd Kommunisticheskoi partii Litvy Vil'nius, Gospolitmashizdat, 1961 178 p.

LITHUANIA—CONSTRUCTION INDUSTRY

Construction in Lithuania is in a new stage I. Mantsaitis. Ekon. stroi no. 1 7-14 Mr '62.

LITHUANIA—CRIMINAL LAW

Lithuanian S. S. R. Laws, statutes, etc. [Penal code of the Lithuanian Soviet Socialist Republic] Lietuvos Tarybu Socialistines Respublikos baudziamasis kodeksas. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961 170 p. [In Lithuanian]

LITHUANIA—CULTURE

Lithuanian sketches. E. Lutskaia. Kul't. i zhizn' 6 no. 2:25-27 '62.

LITHUANIA—DESCRIPTION AND TRAVEL

Obelienius, J. [Along the Merkys River in southeastern Lithuania; tour No 5] Merkiu per pietryciu Lietuva; maisrutas Nr. 5. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961 55 p. [In Lithuanian]

LITHUANIA—ESPIONAGE, AMERICAN

Khlomas, M., K. Smigolskis and E. Uldukis. [Vultures from foreign lands. Translated from the Lithuanian] Stervidukl s chuzhoi storony. Vil'nius, Gos. izd-vo khudozh. lit-ry Litovskoi SSR, 1961, 303 p.

LITHUANIA—GLASS PAINTING AND STAINING

Lithuanian stained glass. N. Voronov. Iskusstvo 25 no 3:82-86 '62.

LITHUANIA—LAND TENURE

Agrarian policy of the Communist Party of the "Republic of Lithuania and White Russia." B. N. Shkliar. Vop. ist. 35:85 6 no. 2, 106-117 '62.

LITHUANIA—PENSIONERS—SOCIETIES, ETC.

Guarding the national interests G. Mamaev Sots. obesp 23 no 1:54-55 Ap '62

LITHUANIA—PHARMACEUTICAL SOCIETIES

In the Republic Scientific Pharmaceutical Society of the Lithuanian S. S. R. V. S. Bogdanova. Apt. delo 11 no. 1:70 Ja-F '62.

LITHUANIA—REFORMATION

History of a radical religious movement in White Russia and Lithuania in the second half of the 16th century. S. A. Podokshyn Vestsi AN BSSR. Ser. hram. nav. no 1:78-89 '62.

LITHUANIA—TRANSPORTATION, AUTOMOTIVE

Toward new boundaries. V. Martinaitis. Avt. transp. 40 no. 4, 3-4 Ap '62.

LITHUANIA—VETERINARY MEDICINE

Twenty years of veterinary service in the Lithuanian S. S. R. A. A. Barakauskas, S. D. Shkoller. Veterinariia 37 no. 10:5-12 O '60.

LITHUANIA—WORLD WAR, 1939-1945

Rimkus, Petras. [It happened in Leipalingis; a documentary story] Tai buvo Leipalingyje, dokumentine apysaka. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 60 p. [In Lithuanian]

LITHUANIA—WORLD WAR, 1939-1945—ATROCITIES

Ainasius, Siasya. [A mother's heart] Motinos sirdis. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 85 p. [In Lithuanian]

LITHUANIAN LANGUAGE—CONVERSATION AND PHRASE BOOKS—ENGLISH

[Lithuanian-English conversations] Lietuviu-anglu pasikalbejimu knygele. Sudare V. Baravykas. Antras leidimas, pataisytas ir papildytas. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 327 p.

LITTER (BEDDING)

Over-all mechanization of the production of peat fertilizers and litter. S. Kocher, M. Kalabukhov. Ekon. sel'khoz. 39 no. 2:76-79 F '62

LIVER

Acute gastric obstruction caused by complete relaxation of the left half of the diaphragm with transposition of the stomach, spleen and left lobe of the liver into the thoracic cavity. A. T. Grebennikova, V. R. Ermolnev. Khirurgiia 37 no. 7:87-90 Jl '61.

Aminopherases in the blood serum in experimental lesions of the liver [with summary in English]. D. N. IAkhnina. Biul. eksp. biol. i med 53 no. 4 69-71 Ap '62.

Arantius' duct in adult humans [with summary in English]. D. G. Doviner Arkh anat., gist. i embr. 42 no 1 93-102 Ja '62

Blood circulation in the liver of normal and irradiated dogs. V. P. Fedotovo Radiobiologiia 2 no 2, 240-245 '62.

Coenzyme A content in the liver in carbon tetrachloride lesions [with summary in English]. A. E. Grebennikova. Biul. eksp. biol. i med. 53 no. 4:67-69 Ap '62.

Comparative examination of the electrophoretic changes in the blood serum proteins and the morphological changes in liver tissue in inflammatory processes of the gallbladder and bile ducts [with summary in English] B. S. Kaplanskii Khirurgiia 37 no 7 39-47 Jl '61

Dependence of lipid content in the liver on the temperature of the external environment V. V. Solodovnikova Trudy Semipal. med. inst 2 132-136 '59

Effect of acetichine on the liver of a pregnant woman and of a puerpera. IU. A. Vinogradova Shor. nauch. rab. Kaf. akush. i gin GMI no 1 68-73 '60

Effect of vitamin B complex on some liver functions in acute trinitrotoluene poisoning [with summary in English]. E. L. Pidemskii. Farm. i toks. 25 no. 1 108-113 Ja-F '62.

Effect of X rays on lipid metabolism in the dog liver [with summary in English]. T. IA. Polosukhina and others. Vop. med. khim. 8 no. 2:192-199 Mr-Ap '62.

Exocrine function of the liver in experimental thyrotoxicosis [with summary in English]. M. G. Badrutdinov. Pat. fiziol. i eksp. terap. 5 no. 6:48-52 N-D '61.

Liver function following infusion of protein blood substitutes (LSB and BK-8) N. A. Messineva, N. D. Garin, E. V. Karaseva. Khirurgiia 37 no. 7 130-132 Jl '61

Morphological changes in the liver in a combined lesion in puppies in an experiment V. D. Belousov, G. I. Vatsuro Zdravookhranenie 5 no 1:42-46 Ja-F '62

Morphological characteristics of the liver in relation to its functional state at the time of irradiation [with summary in English]. N. V. Sokolova, T. I. Gorshenina Arkh. pat. no 1:50-55 '62.

Oxidative phosphorylation in rat liver homogenates following a brief fasting [with summary in English]. G. S. Kitavin, Shen' Ven'-mei [Shên Wen-mei]. Vop. med. khim. 8 no. 2, 210-213 Mr-Ap '62.

"Physiology and experimental pathology of the liver" by Anton Fischer. Reviewed by N. M. Konchalovskaia. Sov. med. 25 no. 1:157 Ja '62

"Physiology and experimental pathology of the liver [in German]" by A. Fischer. Reviewed by M. S. Brumshtein. Pat. fiziol. i eksp. terap. 5 no 6:85 N-D '61.

Prothrombin test as an indicator of liver function in diabetes mellitus S. P. Serebrianaia. Trudy Semipal. med. inst. 2 277-283 '59

Role of the liver in the blood coagulation system. V. D. Kiknadze, A. I. Abesadze, F. P. Dolidze. Pat. fiziol. i eksp. terap. 5 no 6, 61-62 N-D '61

Role of the liver in the pathogenesis of shock. R. D. Kornilova. Izv. AN Kazakh. SSR Ser. med. i fiziol. no. 1 91-94 '61.

Shock and hepatorenal insufficiency in pancreatoduodenal resections [with summary in English]. M. O. Sternin. Khirurgiia 37 no 7 93-98 Jl '61.

Stimulation of restorative regeneration of the liver by subcutaneous glycogen administration [with summary in English]. B. P. Solopaev, G. A. Solov'eva, B. Luzika. Biul. eksp. biol. i med. 53 no. 4:104-108 Ap '62.

LIVER—ABNORMITIES AND DEFORMITIES

Two cases of secondary deformation of the liver in relaxation of the diaphragm. P. S. Lifshits. Vest. rent. i rad. 37 no. 2, 63-64 Mr-Ap '62.

LIVER—ABSCESS

Diagnostic errors in amebic abscesses of the liver. O. G. Babaev. Klin. med. no. 2:51-57 '62.

Rare complications of an amebic abscess of the liver. O. G. Babaev. Zdrav. Turk. 6 no 1:40-42 Ja-F '62

LIVER—CIRRHOSIS

Clinical aspects of the cirrhosis liver [with summary in English]. A. S. Mnushkin. Klin. med. no. 2:47-51 '62.

Present status of the problem of the etiology, pathogenesis and clinical aspects of chronic hepatitis and post-hepatitis cirrhosis. N. G. Lupu, V. Runcan. Klin. med. no. 2:8-13 '62.

Some characteristics of the course of liver cirrhosis in young people. V. L. Lakiza. Sov. med. 25 no. 1:85-88 Ja '62.

Surgical treatment of splenogenic cirrhosis of the liver [with summary in English]. IU. M. Lubenskii. Khirurgiia 37 no. 7, 85-87 Jl '61.

LIVER—DISEASES

Action of some therapeutic preparations on the development of experimental hepatitis. V. I. IAkubovskaia, G. I. Kikot. Zdrav. Kazakh. 22 no. 2:49-53 '62.

Blood lipoproteins in liver lesions [with summary in English]. N. I. Popova. Klin. med. no. 2:71-75 '62

Effect of corn oil on the processes of fatty degeneration of the liver and biosynthesis of cholesterol in experimental atherosclerosis [with summary in English]. M. K. Mikushkin, A. P. Golikov, V. M. Pinchuk. Biul. eksp. biol. i med. 53 no. 4, 53-56 Ap '62.

Effect of the spleen on some metabolic processes under normal physiological and pathological conditions [with summary in English] L. I. Geller Vop. med. khim. 8 no 2:155-162 Mr-Ap '62

Inclusion of cysteine S^{35} into liver and blood serum proteins in toxic hepatitis produced by the action of some chemical substances used in industry [with summary in English]. P. G. Garkavi Biul. eksp. biol. i med 3[i. e. 53] no 3 50-52 Mr '62

Massive ascariasis of the liver with multiple perforation in the abdominal cavity O. A. Babukhadiia, I. V. Markov Ped., akush. i gin 23 no 3 28-29 '61

Protein spectrum of the blood plasma in the clinical aspects of hepatocholecystitis in children L. B. Hlovinskaia. Ped., akush. i gin 23 no 6 18-20 '61

LIVER—HYDATIDS

Hemiresection of the liver in centrally-located alveolar echinococcosis N. P. Krylova Khirurgiia 37 no 7 136 Jl '61

Influence of liver function on postoperative outcome following echinococcotomy of the liver [with summary in English] I. M. Popov'ian, N. I. Serebriakova. Khirurgiia 37 no 7 67-70 Jl '61

Surgical removal of alveolar echinococcosis of the liver [with summary in English]. I. G. Shvortsov Khirurgiia 37 no 7 78-83 Jl '61

Surgical treatment of echinococcosis of the liver [with summary in English]. N. S. Krechetov. Khirurgiia 37 no 7 74-78 Jl '61

Transplantation of fistulae in alveolar echinococcosis of the liver into the gastrointestinal tract [with summary in English] I. L. Bregadze, P. A. Ivanov Khirurgiia 37 no 7 70-74 Jl '61.

LIVER—SURGERY

Wedge resection of the liver in cancer of the gallbladder M. A. Galeev Khirurgiia 37 no 7 123-124 Jl '61

LIVER—TUMORS

Late results following the excision of the left lobe of the liver in cavernous hemangioma T. A. Burtikova Khirurgiia 37 no 7 135 Jl '61

Nylon hepatoplasty in resection of cavernous agiomas. I. E. Prokopenko Khirurgiia 37 no 7 124-125 Jl '61.

Resection of the left lobe of the liver in adenoma B. A. Agaev. Khirurgiia 37 no 7 126-127 Jl '61

Tumors of the liver produced by selenium [with summary in English] L. A. Cherkes, S. G. Aptekar', M. N. Volgarev. Biul. eksp. biol. i med 3[i. e. 53] no 3 78-83 Mr '62.

LIVER—WOUNDS AND INJURIES

Chronic choleperitoneum following an undiagnosed liver rupture caused by blunt injury of the abdomen V. A. Redin, E. A. Fedorov. Khirurgiia 37 no 7 133-134 Jl '61.

LIVER FLUKE

New method of diagnosing fascioliasis. R. A. Khanbegian. Veterinariia 37 no. 10:76-77 O '60.

LIVNY DISTRICT—POLITICS AND GOVERNMENT

Notes on the district link of governmental administration. Part 3. The central problem. T. Kapustin, N. Korshunov, G. Pantiushenko. Sov. deput. trud. no. 4 43-59 Ap '62.

LJUBLJANA (YUGOSLAVIA)—EXHIBITIONS

The Third International Radio Engineering Exhibition. V. I. Teremov. Av. prom. 26 no. 8 106-109 Ag '57.

LOACHES

Morphology and physiology of the early stages in the development of bony fish, data from the film by Sh. D. Galustia and V. D. Bystrov, "The development of the loach (Misgurnus fossilis." P. G. Svetlov, V. D. Bystrov, G. F. Korsakova Arkh anat., gist. i embr 42 no. 1, 22-37 Ja '62

LOADING AND UNLOADING

Need for a new structure of the organization of loading and unloading operations V. V. Shatilov. Zhel. dor. transp. 44 no. 4:83 Ap '62.

"The transportation system and over-all mechanization of loading and unloading on Kazakhstan roads" by A. Bekkulov. Reviewed by S. Baizhanov, T. Shaukenbaev. Nar. khoz. Kazakh. 20 no. 3 84-86 Mr '62.

LOADING AND UNLOADING—EQUIPMENT AND SUPPLIES

Mounted attachment for motortruck loaders. V. I. Andreev. Mekh. i aviom. proizv. 16 no. 3 42-43 Mr '62.

Useful device for loading ties on platform cars. P. F. Zagranichnyi. Put' i put. khoz. 6 no. 5:43 '62.

Zotov, M. N., B. A. Efremovich, and M. V. Ershov. [Working principle and operation of automatic battery-powered loaders] Ustroistvo i ekspluatatsiia akkumulatornykh avtopogruzchikov. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1962, 77 p. (Bibliotechka mekhanizatora pogruzochno-razgruzochnykh rabot)

LOCAL ANESTHESIA

Anesthesia in bronchography. B. K. Sharov. Grud. khir. no. 2:72-74 '62.

Bronchography under anesthesia in children. G. A. Bronshtein. Zdravookhranenie 5 no. 1:52-55 Ja-F '62.

LOCAL ANESTHESIA (Continued)

Intraosseous pelvic anesthesia in prostatectomy IA. P. Melamed Zdrav. Kazakh. 22 no. 2:19-22 '62

Local anesthetic properties and toxicity of stereoisomers of the benzoic ester hydrochloride of 1, 2, 3, 6-tetramethyl-4-piperidol I. I. Chebekova Izv AN Kazakh SSR Ser med i fiziol no 1 71-76 '61

Some complications in local anesthesia IA S Kotiger Vest. khir no 1 107-110 '62.

LOCAL COLOR IN LITERATURE

"Gor'kii, Furmanov, Serafimovich *A Tolstoi*", *studies on regional literature* by P Kupriianovskii Reviewed by I. Baskevich Vop lit 5 no 12 222-223 D '61

LOCAL GOVERNMENT

Brief news. Sov. deput. trud no 1 103 Ap '62.

Do they try to propagate those needless meetings? F Fedorov Sov. deput. trud. no. 4:88-90 Ap '62.

Give room to the new and progressive methods of government IA Tikhomirov. Sov. deput. trud no. 4 33-38 Ap '62.

Goncharov, A. IA. [Community and the executive committee of the district soviet of worker deputies] Obshchestvennost' i ispolnitel'nyi komitet raionnogo Soveta deputatov trudiashchikhsia Moskva, Gos. izd-vo iurid. lit-ry, 1962. 44 p.

LOCAL TRANSIT—ABSTRACTS

[Automotive and city transportation] Ref. zhur.: Avt. i gor. transp nos. 4-5 Ap-My '62

LOCKS (HYDRAULIC ENGINEERING)
(see also subdivision under Uglich)

Setting of concrete twin locks. P. S. Egorov, A. IA. Bolgova, P. A. Mikhalevich Gidr stroi. 32 no 4: 36-39 Ap '62.

LOCOMOTIVE ENGINEERS see subdivision under Steliliamak

LOCOMOTIVE SOUNDS see subdivision under Krasnodar

LOCOMOTIVE WORKS—HYGIENIC ASPECTS see subdivision under Lugansk

LOCUST (TREE) see subdivision under Ukraine

LOESS
(see also subdivision under Chirchik, Siberia, Eastern)

Some features of the process of stabilizing loess with carbamide resin mortars. M T. Kuleev. Osn., fund. i mekh grun 3 no. 6:15-17 '61

LOGGING (GEOLOGY)

Distribution of radon in an oil stratum traversed by a cylindrical hole. I. M. Khaikovich. Vop rud. geof. no. 2:94-101 '61.

Method of determining the thickness of a coal seam by gamma-gamma logging. IU. I. Belotserkovets. Geofiz. razved. no. 6 111-117 '61.

Resistivity method of micrologging in Pechora Basin coal deposits. V. V. Grechukhin. Geofiz. razved. no. 5 95-111 '61.

Study of underground waters of the West Siberian Plain based on deep-drilling data. O. V. Ravdonikas, A. A. Rozin, N. N. Rostovtsev. *Trudy SNIIGGIMS no 1-166-119 '59.*

LOGGING (GEOLOGY)—EQUIPMENT AND SUPPLIES

Portable automatic unit for magnetic logging using semiconductors. V. A Meier, V. A Kuvaldin. Vop. rud. geof. no. 2, 10-14 '61.

LOGGING ROADS see Forest roads

LOGIC

udy of dialectical logic and the
m). A. Joja.
no. 2:11-21 '62.

mutative
ciple M A.
Mr-Ap '62

l mathemati-

ption of the
ti. Nauch.
5 '62.

3
v. no. 3:

Nemilova.

A. Karano-

766
f the colonial
ie St. Peters-
Vop. ist. est.

Akademiia nauk SSSR. Institut russkoi literatury. [Literary activities of M. V. Lomonosov] Literaturnoe tvorchestvo M. V Lomonosova, issledovaniia i materialy. Moskva, Izd-vo Akad nauk SSSR, 1962. 317 p.

Great Russian scientist M V Lomonosov A. E Arbuzov Vop ist est i tekh no. 12 3-21 '62.

The internal structure and development of the earth in M V Lomonosov's works. I V Batushkova. Vop. ist. est. i tekh no 12 150-152 '62

Kononkov, A. F., and B. I. Spasskii. [M. V. Lomonosov as a physicist] M. V. Lomonosov kak fizik. [Moskva] Izd-vo Mosk. univ., 1961. 155 p.
(CU)

Lectures on Lomonosov at the Philological Faculty V Etov. Vest Mosk. un Ser 7 Filol., zhur. 17 no 2 90-94 Mr-Ap '62.

Lomonosov celebrations at Moscow University E. I Barinova. Vest. Mosk un. Ser. 7 Filol., zhur. 17 no. 2. 84-90 Mr-Ap '62.

M V Lomonosov and analytical chemistry. I P. Alimarin M G. Polarupa Vop. ist. est. i tekh. no 12 51-61 '62

M V. Lomonosov and chemistry of the 18th century S A Pogodin Vop. ist. est i tekh. no. 12 28-43 '62

M. V Lomonosov and crystallochemistry N. V Ageev, IU. M. Golutvin Vop. ist est i tekh. no 12 62-66 '62.

M V Lomonosov and evolution of the space theory. U. I. Frankfurt. Vop. ist. est i tekh no. 12 108-118 '62

M. V. Lomonosov and his letter "On the preservation and multiplication of the Russian nation", on the 250th anniversary of his birth and the 200th anniversary of his treatise on the population of Russia L. E. Poliakov. Gig. i san. 27 no. 3 46-49 Mr '62.

M V. Lomonosov and Soviet science. S IA Plotkin Vop ist est i tekh no. 12 67-74 '62

M V Lomonosov and the crisis of metaphysics in descriptive natural science of the middle of the 18th century I. IA. Blinkher. Vop ist est i tekh. no 12 132-141 '62

M V Lomonosov and the science of fuel. N G Titov Vop. ist. est. i tekh no 12, 129-131 '62

M. V Lomonosov and the sea. V. V. Ashik. Sudostroenie 28 no. 3:77-78 Mr '62

M V. Lomonosov and the studies of karst. D. I. Gordeev Inform sbor Mezhd kom. po izuch geol geogr. kar no. 1 203-206 '60

M V. Lomonosov and the study of outer space. B. N. Vorob'ev. Vop. ist. est. i tekh. no. 12 156-157 '62.

M. V. Lomonosov as the founder of physical chemistry. S. V Kaftanov. Vop. ist. est i tekh. no. 12 44-50 '62.

M. V Lomonosov's contribution to meteorology and hydrology I A Fedoseev. Vop. ist. est. i tekh. no. 12, 146-150 '62

M. V. Lomonosov's ideas on physics. P. S. Kudriavtsev. Vop. ist est i tekh no 12 101-107 '62.

M. V. Lomonosov's works in the field of geography. V I. Grekov Vop. ist. est. i tekh. no 12:119-126 '62.

M. V Lomonosov's works on the structure of matter and the theory of heat A S. Predvoditelev Vop. ist. est. i tekh no. 12 93-100 '62

On the 250th anniversary of the birth of M. V. Lomonosov. K. Davletov, V. Stepanov Izv. AN SSSR. Otd. lit. i iaz. 21 no. 2:174-179 Mr-Ap '62

Prize of the Academy of Sciences for a scholarly biography of M. V. Lomonosov. T. V. Volkova Vop ist. est. i tekh. no. 12 152-156 '62.

Publication of M V Lomonosov's works. N. N. Kukharkov. Vop. ist. est. i tekh. no. 12 230 '62

Subject and objectives of chemistry in the definitions of M. V. Lomonosov. N. A. Figurovskii. Vop. ist. est. i tekh no. 12:22-27 '62

LOMONOSOV, MIKHAIL VASIL'EVICH, 1711-1765—DRAMA

Image of M. V. Lomonosov on the Russian stage [with summary in English]. N. I. Sergeeva. Vest. LGU 18 no. 8:45-55 '62.

LOMONOSOV, MIKHAIL VASIL'EVICH, 1711-1765—MUSEUMS, RELICS, ETC.

M. V. Lomonosov Museum. T. A. Antipina. Vop. ist. est. i tekh. no 12:240 '62.

M. V. Lomonosov Museum. V. L. Chenakal. Vop. ist. est. i tekh. no. 12 161-163 '62.

LONDON—OPERA

"Queen of spades" in Covent Garden. A. Melik-Pashaev. Sov muz. 26 no. 4:85-89 Ap '62.

LONGEVITY

Land of long-life span V. Timakov. Moskva 6 no. 1: 178-181 '62.

Learning to live to a ripe old age. M Martinskaia. Zdorov'e 8 no. 4:5 Ap '62.

Man will live to be 150 *years old*. A. *Krupchitskii*. Sov. voin 44 no. 1:28 Ja '62

LONGSHOREMEN
(see also subdivision under Il'ichevsk)

Problem requiring an immediate solution Mor. flot 22 no. 2:17 F '62

LOOMS—VIBRATION

Dynamic loads on a floor from looms. A I. Brusilovskii. Trudy TSNIISK no. 1:96-103 '61.

LOPARITE

Investigating the chlorination process of loparite concentrates. A. S. Berengard and others. TSvet. met. 35 no. 4:56-61 Ap '62.

LORICH, MELCHIOR, 1527-1583

Melchior Lorich's drawings in the Hermitage and in the Museum of Fine Arts in Moscow [with summary in French] M IA Libman Trudy Gos. Erm 6 no 2 213-223 '61.

LORRAINE—PORCELAIN, FRENCH

Porcelain figurines of Lorraine manufactures from the second half of the 18th century [with summary in French] N. IU Biriukova Trudy Gos Erm. 6 no 2: 140-152 '62

LOSS OF CONSCIOUSNESS

Mechanism of retro- and anterograde amnesias [with summary in English]. F. D. Gorov. Vop psikhol. 8 no. 1 37-44 Ja-F '62.

LOVE IN LITERATURE

Just love! Vl. Nemtsov. Oktiabr' 39 no. 1 175-181 Ja '62.

LOVOZERO TUNDRAS—MINERALS

Mineral group "lomonosovit"-murmanite. E. M. Es'kova Trudy Inst. min., geokhim. i kristallokhim. red. elem no. 2:110-123 '59.

Sphene-amphibole foilte-melteigite from the Lovozero massif. V. I. Gerasimovskii, A. I. Polinkov. Dokl. AN SSSR 143 no. 5:1179-1181 Ap '62.

LOVOZERO TUNDRAS—MONTMORILLONITE

Minerals of the montmorillonite group in alkali massifs E. I. Semenov. Trudy Inst. min., geokhim. i kristallokhim. red. elem. no. 2:124-137 '59.

LOVOZERO TUNDRAS—NEPHELINE SYENITE

Distribution of thallium in nepheline syenites of the Lovozero Tundras (Kola Peninsula)[with summary in English]. V. I. Gerasimovskii, V. S. Rasskazova. Geokhimiia no. 3:243-248 '62.

LOVOZERO TUNDRAS—PYROCHLORE

Pyrochlore from vein formations of the Lovozero and Khibiny alkali massifs. L. S. Borodin, I. I Nazarenko Trudy Inst. min., geokhim. i kristallokhim red. elem no. 2:130-143 '59.

LOVOZERO TUNDRAS—RARE EARTH METALS

Evolution of the composition, and content of rare earth elements in intrusive phases of the Lovozero alkali massif (Kola Peninsula) [with summary in English] IU. A. Balashov. Geokhimiia no. 3:207-219 '62

LOVOZERO TUNDRAS—THALLIUM

Distribution of thallium in nepheline syenites of the Lovozero Tundras (Kola Peninsula)[with summary in English] V. I. Gerasimovskii, V. S. Rasskazova Geokhimiia no. 3:243-248 '62.

LOW-TEMPERATURE METALS see Metals at low temperatures

LOW TEMPERATURE RESEARCH

Attacking the absolute zero. L. Dubrovs'ka. Znan ta pratsia no. 4:13-14 Ap '62.

LUBRICATION AND LUBRICANTS

Hydraulic lubricant distribution tank for mechanical shops. A. A. Nemchikov. Torf. prom. 39 no. 3:31 '62

Investigation of used oils with cleaning additives by means of an electron microscope. A. B. Vipper, B. I. Leont'ev. Khim. i tekh. topl. i masel 7 no. 4:53-56 Ap '62.

LUBRICATION AND LUBRICANTS—ADDITIVES

Overalkalization, steam refining, and centrifugation in the production of oil soluble sulfonates. IU. N. Shekhter, V. V. Dunaev. Khim. i tekh. topl. i masel 7 no. 4 29-33 Ap '62.

LUBRICATION AND LUBRICANTS—BIBLIOGRAPHY see Bibliography—Lubrication and lubricants

LUBRICATION AND LUBRICANTS—TESTING

Evaluating the effect of lubricants on the development of pitting. G. S. Krivoshein, M. D. Bezborod'ko Zav lab 28 no 3:356-358 '62

Investigating wear-preventing properties of lubricants under rolling-friction conditions. M. D. Bezborod'ko and others. Tren. i izn. mash. no. 15:420-431 '62.

Optimum concentration of sulfur and chlorine components in some sulfu-chlorine antiseizing additives to lubricating oils. I. E. Vinogradova, E. I. Petlakina, V. P. Karamnova. Tren. i izn. mash. no. 15:478-485 '62.

Reducing chemical wear in using lubricating oils with antiseizing additives. IU. S. Zaslavskii and others. Tren. i izn. mash. no. 15:486-494 '62.

Russia (1923- U. S. S. R.) Glavnoe upravlenie lokomotivnogo khoziaistva. [Instructions for workers of technochemical laboratories testing the quality and use of petroleum products in locomotives and diesel and electric trains] Instruktsiia dlia rabotnikov khimiko-tekhnicheskikh laboratorii po kontroliu kachestva i primeneniia nefteproduktov na lokomotivakh, dizel'-poezdakh i elektrosektsiiakh. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 55 p.

Wear preventing and antifriction properties of lubricating oils under heavy friction conditions. G. V. *Vinogradov*, Liang Kuo-lin, N. T. Pavlovskaia. Tren. i izn. mash. no. 15:432-477 '62.

LUDWIGITE

Relationship between ludwigite and magnetite ores in skarn deposits. V. A Baboshkin Trudy VSEGEI 60, 127-132 '61.

LUGANSK—DIESEL LOCOMOTIVES

Diesel locomotives manufactured at the Luganak Diesel-Locomotive Plant. V. I. Ignatenko. Mashinostroenie no. 2:85 Mr-Ap '62.

LUGANSK—LOCOMOTIVE WORKS—HYGIENIC ASPECTS

On a scientific basis. L. Korotkaia, M Khlevovoi. Okh. truda i sotn. strakh. 5 no. 4 10-11 Ap '62.

LUGANSK PROVINCE—COAL MINES AND MINING

Drifting 1020 m. in a month. B. R. Ryain. Shakht. stroi. 6 no. 4:17-19 Ap '62.

LUGANSK PROVINCE—CONSTRUCTION INDUSTRY

Specialization promotes the successful work of trusts V. Lisbivyi Ukon stroi. no. 3,62-63 Mr '62.

LUGANSK PROVINCE—MINING INDUSTRY AND FINANCE

Rebuilding the capital assets of mines of the Luganak Economic Council B L. Kaganovich Shakht. stroi. 6 no. 4:1-4 Ap '62.

LUGANSK REGION—ELECTRICITY IN MINING

Studying the conditions of the insulation of section electric networks in mines of the Luganskugol' Combine V I Shchutskii. Izv vys ucheb zav., gor zhur 5 no 1 124-132 '62

LUGOL SOLUTION

Diagnostic value of the reaction with Lugol's solution in myocardial infarct. M. M. Esaiev Sov med. 25 no 1: 130-132 Ja '62.

LUKH DISTRICT—EDUCATION, ELEMENTARY

Every school has longer hours. A. Demidova, Iu. Riven. Sem'ia i shkola 17 no. 4:2-6 Ap '62.

LUKH DISTRICT—STUDENT ACTIVITIES

Every school has longer hours. A. Demidova, Iu. Riven. Sem'ia i shkola 17 no. 4:2-6 Ap '62.

LUKOVTSOV, MAKSYM VLASOVYCH, 1895-1956

Bolinkova, E. P., and I. M. Frantsovych. Maksym Vlasovych Lukovtsov. Kyiv, Vyd-vo Akad. nauk URSR, 1958. 35 p. (Vchenі Ukraїns'koї RSR)

LUMBER—GRADING

Organizing the butting off and sorting of export lumber. L. Z. Lur'e. Izv. vys. ucheb. zav., les. zhur. 4 no. 6: 112-119 '61.

LUMBER—MENSURATION

Bolarskii, V. S. [Volumes of round logs] Ob"emy kruglykh lesomaterialov. Izd. 4., dop. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1961. 505 p.

LUMBER—TRANSPORTATION

Liability of tugboat owners for the transportation of rafted timber. P. Alekseev. Sov. flot. no. 6:22-23 Mr '62.

"Theoretical and experimental investigation of some parameters of cableway skidders in the skidding of lumber in the mountains" by D. A. Abramov. Reviewed by A. G. Prokhorenko Izv. vys. ucheb. zav., les. zhur. 4 no. 6:92-96 '61.

LUMBER TRADE see subdivision under Archangel

LUMBERING

(see also subdivision under Bashkiria; Stanislav Economic region)

Analyzing the performance of semiautomatic devices for bucking full-length logs. K. N. Vorob'ev, A. P. Mazurenko. Izv. vys. ucheb. zav., les. zhur. 4 no. 6 154-162 '61.

Khimki, TSentral'nyi nauchno-issledovatel'skii institut mekhanizatsii i energetiki lesnoi promyshlennosti. [Materials of the enlarged session of the Scientific Council of the Central Scientific Research Institute for Mechanization and Power Engineering in Lumbering on problems concerning power engineering and the electrification of the lumber industry] Materialy rasshirennoi sessii Uchenogo soveta TsNIIME po voprosam energetiki i elektrifikatsii lesnoi promyshlennosti. Moskva, 1961. 76 p. (DA)

Technology of lumbering and the preservation of young growth. A. N. IAkubiuk, I. R. Morozov. Les. khoz. 15 no. 4:32-35 Ap '62.

Use Bogdashin's tables. G. V. Pashentsev, Iu. A. Popov. Les. khoz. 15 no. 4,90 Ap '62.

LUMBERING—ACCOUNTING see subdivision under Tatar A.S.S.R.

LUMBERING—AUDITING AND INSPECTION see subdivision under Karelia

LUMBERING—COSTS

Zakandin, V. I. [Technical and economic analysis of the cost of sawmill products] Tekhniko-ekonomicheskii analiz sebestoimosti piloproduktsii. Moskva, Goslesbumizdat, 1961. 113 p.

LUMBERING—MACHINERY

Reshetnikov, N. S. [Repair of the engines of lumbering machinery and mechanisms] Remont dvigatelei lesozagotovitel'nykh mashin i mekhanizmov. Moskva, Goslesbumizdat, 1961. 276 p.

Using the VKF conveyers in sorting logs. P I Moseevich Mekh i avtom. proizv 16 no 3 25-30 Mr '62

LUMINESCENCE

Candoluminescence from the viewpoint of the Vavilov - Wiedemann criterion and modern physicochemical representations V. A. Sokolov Izv. AN SSSR. Ser fiz. 26 no. 4:514-517 Ap '62.

Candoluminescence of crystal phosphors and the electronic theory of catalysis in semiconductors Discussion of V. A. Sokolov's report A. N Gorban'. Izv. AN SSSR. Ser. fiz. 26 no 4 518-519 Ap '62.

Characteristics of the luminescence and structure of certain alkali halide phosphors. I. A. Parfianovich, E. I. Shuraleva Izv AN SSSR Ser fiz 26 no 4 497-505 Ap '62

Concluding address by V. L. Levshin. Izv AN SSSR. Ser. fiz. 26 no. 4 539-540 Ap '62

Discussion of the reports of I. A. Parfianovich E. I. Shuraleva, M. L. Kats, B. M. Bulous Izv. AN SSSR. Ser. fiz 26 no. 1 513 Ap '62.

Disproportionation in the solid phase seen responsible for the luminescence capacity of metal chalcogenides of the zinc subgroup. A. A. Bundel' Izv. AN SSSR. Ser. fiz. 26 no. 4:527-531 Ap '62

Effect of adrenaline and acetylcholine on blood luminescence. N. K. Sviridov. Fiziol. zhur. 48 no. 3:331-334 Mr '62.

Electronic oscillatory processes in the luminescence centers of ionic crystals. Ch. B Lushchik, N E. Lushchik, I. V. IAek. Izv. AN SSSR. Ser. fiz 26 no 4: 480-486 Ap '62.

Problems concerning luminescence in the light of the resolutions passed by the 22d Congress of the CPSU V. L. Levshin Izv. AN SSSR Ser. fiz. 26 no 4 541-544 Ap '62.

Quantitative determination of adrenaline by the luminescence titration method [with summary in English]. V. I. Koppel'. Apt. delo 11 no. 1:40-44 Ja-F '62.

Quantitative determination of cardiac glycosides in solutions by the method of objective luminescence analysis [with summary in English] S I. Vasilov, V. I. Nikolaev, N. S. Khamin. Apt. delo 11 no. 1 34-39 Ja-F '62.

Significance of the luminescence method in the diagnosis of some dermatoses [with summary in English]. E. A. Medvedeva and others. Vest. derm. i ven. no. 6:17-20 '61.

LUMINESCENT SUBSTANCES—SPECTRA

Discussion of M. A Konstantinova-Shlesinger's report A. A. Chernyshev. Izv AN SSSR Ser fiz 26 no 1 526 Ap '62.

Discussion of R. A Nilender's report. B A. Fabrikant Izv. AN SSSR Ser. fiz 26 no 4 535 Ap '62.

Effect of the degree of distortion of the crystal lattice of a luminophor on the brilliance of the luminescence. Discussion of the reports of M A. Konstantinova-Shlesinger, A. A. Bundel', L. N. Aleksandrov Izv. AN SSSR. Ser. fiz. 26 no 4:532 Ap '62.

Luminescent properties of luminophors as a function of their crystallochemical and physicochemical nature M A. Konstantinova-Shlesinger. Izv. AN SSSR. Ser fiz 26 no 1 520-526 Ap '62.

Production of luminescent lamps by the Moscow Electric Lamp Factory. R. A Nilender Izv. AN SSSR. Ser. fiz. 26 no. 4:533-538 Ap '62

LUNACHARSKII, ANATOLII VASIL'EVICH, 1875-1933

Lunacharskii as reader N. Lunacharskaia-Rozenel'. Novyi mir 38 no. 1:209-216 Ja '62.

LUNGS

Comparative effect of oxides of cobalt on lung tissue [with summary in English]. E. N Lovina, N. A. Minkina. Gig. i san. 26 no. 8:27-32 Ag '61.

Lungs. Zdorov'e 8 no. 3:9 Mr '62.

Oxidative metabolism of carbohydrates in pulmonary tissues [with summary in English]. I. V. Pavlova. Vop. med. khim. 8 no. 2:186-192 Mr-Ap '62.

X-ray determination of the degree of pulmonary hypertension in patients with mitral stenosis. G. M. Solov'ev, I. Kh. Rubkin. Klin. med. no. 8:78-82 '61.

LUNGS—ABSCESS

Intraorgan branching of the pulmonary artery in man in normal conditions and in pulmonary abscesses. V. R. Boikov, Izv. AN Kazakh. SSR. Ser. med. i fiziol. no. 2: 27-35 '61.

LUNGS—BLOOD SUPPLY

Electrokymographic study of the pulmonary blood supply during radiotherapy for lung cancer [with summary in English]. V. E. Gel'shtein Vop onk 8 no. 3:26-33 '62.

Glomus anastomoses of the lung in some congenital heart defects. S. I. Lovina. Arkh. pat. no. 6:18-24 '61.

LUNGS—CANCER

Alveolar-cell cancer (adenomatosis) of the lung. V. I. Braude. Vop. onk. 8 no 4:49-54 '62.

Diagnosis of cancer of the middle lobe of the right lung [with summary in English] A. I. Shekhter. Vop onk 8 no 3 17-28 '62.

Electrokymographic study of the pulmonary blood supply during radiotherapy for lung cancer [with summary in English] V. E. Gel'shtein Vop onk 8 no 3:26-33 '62.

X-ray demarcation of peripheral cancer of the lung and tuberculoma [with summary in English] E IA. Podol'skaia Vop. onk 8 no. 3:12-17 '62.

LUNGS—DISEASES

Materials on the pathogenesis of cardiovascular insufficiency in chronic diseases of the lungs in horses V. P Paderin Trudy AZVI 9 159-163 '56

LUNGS—DUST DISEASES

(see also subdivision under Kirgizistan, Kuznetsk Basin, Moscow Basin)

Accumulation of dust cells and their removal from dust invaded lungs M I Shul'ga Gig truda i prof. zab 4 no 6.52-54 Je '60.

Action of graphite dust with a low content of silicon dioxide under experimental conditions. V. I. Fedorova. Arkh pat no 6:62-67 '61.

Biochemical methods in studying the effect of dust on industrial workers [with summary in English]. M. Khvapil. Gig truda i prof zab. 4 no. 4 33-38 Ap '60.

Case of beryllosis of the lungs. A. I. Kanevskaia Arkh. pat. no. 4:73-77 '62

Causes of the spread of pneumokoniosis among miners of different collieries. E. E. Zinger Gig truda i prof zab. 4 no. 4:47 Ap '60

Clinical and experimental study of the effect of lithopone dust on the lungs. T G. Mgeladze, A.G Narsia. Gig. truda i prof zab 4 no 3:51-53 Mr '60.

Clinical aspects and working capacity in manganokoniosis. M. E Machabeli, E G. Gdzelidze, T. G Mgeladze Gig. truda i prof. zab. 4 no 4,48-50 Ap '60.

Clinical picture of the early stage of silicosis. B. Nikolaev-Spel'i. Izv. AN Kazakh. SSR. Ser. med. i fiziol. no. 2:51-54 '61.

Consultation; question-and-answer column conducted by M V. Evgenova. Gig. truda i prof. zab 4 no. 4.60 Ap '60.

Experimental and clinical study of silicosis developing under the influence of aerosols in the condensation of silicon dioxide. B. T. Velichkovskii Gig. i san. 26 no. 8 76-82 Ag '61

Functional mobility of the respiratory center and thermoregulation at the initial stage of experimental pneumokoniosis. A O Navakatikian. Gig truda i prof. zab. 1 no. 4:20-23 Ap '60

Influence of massive doses of vitamin B_2 on the development and course of experimental silicosis in white rats [with summary in English]. M. I. Razumov, B. K. Skitko, A. IU. Grubina. Arkh. pat no. 9:55-62 '61.

Methods for studying the incidence of pneumokoniosis [with summary in English]. E. V. Khukhrina. Gig truda i prof. zab. 4 no. 4 7-13 Ap '60.

Morphological changes in the lungs caused by iron ore dust A. P. Samoilov Gig. truda i prof zab 5 no. 3: 45-48 Mr '62.

Pneumokoniosis in bauxite miners [with summary in English]. L. I. El'inshev Gig. truda i prof. zab. 4 no. 1:28-32 Ap '60.

"Schistous pneumoconiosis (pneumoconiosis caused by dust of kukersite oil shales)" by V. A Klung. Reviewed by Kh. IA. IAnes. Gig i san 26 no. 5,123-124 My '61.

Silicosis prevention in some Tajik mines Kh U Mumiinov. Zdrav. Tadzh 2 no 1 23-25 Ja-F '62.

Study of the forced vital capacity of the lungs in silicosis [with summary in English]. K. IA Shishlovskaia. Gig. truda i prof. zab. 4 no. 4:23-26 Ap '60.

Sulfhydryl groups in the blood serum in silicosis. A. IA. Shurygin Sov. zdrav. Kir. no 1:17-19 Ja-F '62

Surgical treatment of silicotuberculoma [with summary in English] B D. Zislin Gig. truda i prof zab no 4 35-41 '62.

Survey of the foreign literature of recent years on problems in the pathogenesis of silicosis. B. A. Katsnel'son. Gig. truda i prof. zab. no. 4:41-46 '62.

LUNGS—HERNIA

Pulmonary hernia. N. I. Tret'iakov. Grud. khir. no 2: 85-86 '62.

LUNGS—RADIOGRAPHY

Effect of cardiovascular diseases on pulmonary respiration according to roentgen kymography data. S. IA. Kofman. Vop. pat. krovi i krovoobr. no. 5:19-29 '59.

Plethysmography and pneumography in toxemias of the second half of pregnancy treated with magnesium sulfate aerosols E. V. Pankova. Sbor nauch. rab. Kaf. akush i gin. GMI no. 2 41-44 '60

Possibilities of fluorography and roentgenocinematography in diagnosing tumorous and nontumorous diseases of the lungs, esophagus and stomach in prophylactic examinations [with summary in English]. L. M. Gol'dshtein, E. I. Prokof'eva. Vest. rent. i rad. 37 no. 2 3-10 Mr-Ap '62.

LOCAL ANESTHESIA (Continued)
Intraosseous pelvic anesthesia in prostatectomy. IA. P. Melamed Zdrav Kazakh 22 no 2:19-22 '62
Local anesthetic properties and toxicity of stereoisomers of the benzoic ester hydrochloride of 1, 2, 3, 6-tetramethyl-4-piperidol I. I Chebekova Izv AN Kazakh SSR Ser med, i fiziol no 1 71-76 '61
Some complications in local anesthesia IA S Kotiger Vest. khir no 4 107-110 '62

LOCAL COLOR IN LITERATURE
"Gor'kii, Furmanov, Serafimovich, A Tolstoi", studies on regional literature by P Kupriianovskii Reviewed by I Baskevich Vop lit 5 no 12:222-223 D '61

LOCAL GOVERNMENT
Brief news. Sov deput. trud. no 4:103 Ap '62
Do they try to propagate those needless meetings? F Fedorov. Sov. deput. trud. no. 4:86-90 Ap '62
Give room to the new and progressive methods of government IA Tikhomirov Sov. deput. trud. no 4 33-38 Ap '62.
Goncharov, A. IA. [Community and the executive committee of the district soviet of worker deputies] Obshchestvennost' i ispolnitel'nyi komitet raionnogo Soveta deputatov trudiashchikhsia Moskva, Gos. izd-vo iurid. lit-ry, 1962, 44 p.

LOCAL TRANSIT—ABSTRACTS
[Automotive and city transportation] Ref. zhur. Avt. i gor transp nos. 4-5 Ap-My '62.

LOCKS (HYDRAULIC ENGINEERING)
(see also subdivision under Uglich)
Settling of concrete twin locks B. S. Egorov, A. IA. Bolgova, P. A. Mikhalevich. Gidr. stroi 32 no. 4: 38-39 Ap '62.

LOCOMOTIVE ENGINEERS see subdivision under Sterlitamak

LOCOMOTIVE SOUNDS see subdivision under Krasnodar

LOCOMOTIVE WORKS—HYGIENIC ASPECTS see subdivision under Lugansk

LOCUST (TREE) see subdivision under Ukraine

LOESS
(see also subdivision under Chirchik; Siberia, Eastern)
Some features of the process of stabilizing loess with carbamide resin mortars M. T. Kulecv. Osn., fund. i mekh. grun. 3 no. 6:15-17 '61

LOGGING (GEOLOGY)
Distribution of radon in an ore stratum traversed by a cylindrical hole I. M. Khaikovich Vop. rud. geof no. 2:94-101 '61.
Method of determining the thickness of a coal seam by gamma-gamma logging. IU. I. Belotserkovets. Geofiz. razved. no. 6 111-117 '61.
Resistivity method of micrologging in Pechora Basin coal deposits. V. V. Grechukhin. Geofiz. razved. no. 6 95-111 '61.
Study of underground waters of the West Siberian Plain based on deep-drilling data. O. V. Ravdonikas, A. A. Rozin, N. N. Rostovtsev. Trudy SNIIGGIMS no 1:106-119 '59.

LOGGING (GEOLOGY)—EQUIPMENT AND SUPPLIES
Portable automatic unit for magnetic logging using semiconductors. V. A Meier, V A. Kuvaldin. Vop. rud geof, no 2:10-14 '61.

LOGGING ROADS see Forest roads

LOGIC
V. I. Lenin on the study of dialectical logic and the general development of logic (conclusion). A. Joja. Nauch. dokl. vys. shkoly, filos. nauki 5 no. 2 11-21 '62.

LOGIC, SYMBOLIC AND MATHEMATICAL
Unsolvability of the elementary theory of commutative semigroups which satisfy the reduction principle. M A. Taitslin Sib mat zhur 3 no. 2:308-309 Mr-Ap '62

LOGIC, UNIVERSAL see Logic, Symbolic and mathematical

LOGICAL POSITIVISM
Critical evaluation of the neopositivist conception of the subject matter of philosophy. V. I. Peresderii. Nauch. dokl. vys. shkoly; filos. nauki 5 no. 2:98-105 '62.

LOGOYSK DISTRICT—WOMEN AS TEACHERS
A kind-hearted woman. M. Niakhai. Nar. asv. no. 3: 47-49 Mr '62.

LOIR, NICOLAS, 1623-1679
A painting recently attributed to N. Loir. I. Nemilova. Soob. Gos. Erm. no. 21:18-20 '61.

LOMIDZE, GRIGORII
Grigorii Lomidze, director of puppet films. A. Karanovich. Isk. kino no. 4:138-139 Ap '62.

LOMONOSOV, MIKHAIL VASIL'EVICH, 1711-1765
Acquaintance of North American scientists of the colonial period with M. V. Lomonosov's works and the St. Petersburg Academy of Sciences. G. M. Lester. Vop. ist. est. i tekh. no. 12:142-147 '62.

Akademiia nauk SSSR. Institut russkoi literatury. [Literary activities of M. V. Lomonosov] Literaturnoe tvorchestvo M. V. Lomonosova, issledovaniia i materialy Moskva, Izd-vo Akad. nauk SSSR, 1962. 317 p.
Great Russian scientist M V Lomonosov A. E Arbuzov Vop ist est. i tekh. no. 12 3-21 '62
The internal structure and development of the earth in M. V. Lomonosov's works I. V Batiushkova. Vop. ist est i tekh. no 12 150-152 '62
Kononkov, A. F., and B. I. Spasskii. [M. V. Lomonosov as a physicist] M. V. Lomonosov kak fizik. [Moskva] *Izd-vo Mosk. univ., 1961. 155 p.* (CU)
Lectures on Lomonosov at the Philological Faculty. V Etov Vest Mosk. un. Ser. 7 Filol., zhur 17 no 2 90-94 Mr-Ap '62
Lomonosov celebrations at Moscow University. E I. Barinova Vest Mosk un. Ser 7 Filol., zhur 17 no. 2 84-90 Mr-Ap '62.
M. V. Lomonosov and analytical chemistry. I P Alimarin M G Gurupa Vop. ist. est. i tekh. no 12 51-61 '62.
M V Lomonosov and chemistry of the 18th century. S. A. Pogodin Vop. ist. est i tekh no 12 28-13 '62.
M. V. Lomonosov and crystallochemistry N. V. Agcev, IU. M. Golutvin. Vop. ist est i tekh no 12 62-66 '62
M. V. Lomonosov and evolution of the space theory U. I. Frankfurt. Vop. ist. est i tekh no 12 109-118 '62.
M. V. Lomonosov and his letter "On the preservation and multiplication of the Russian nation", on the 250th anniversary of his birth and the 200th anniversary of his treatise on the population of Russia. L. E Pollakov. Gig. i san. 27 no. 3 46-49 Mr '62.
M. V. Lomonosov and Soviet science. S. IA. Plotkin. Vop. ist est i tekh no 12 67-74 '62.
M. V Lomonosov and the crisis of metaphysics in descriptive natural science of the middle of the 18th century L IA Bliakher. Vop ist. est i tekh. no. 12 132-141 '62.
M. V Lomonosov and the science of fuel N. G Titov Vop. ist. est. i tekh. no. 12 129-131 '62
M. V Lomonosov and the sea V. V Ashik. Sudostroenie. 28 no. 3:77-78 Mr '62.
M V Lomonosov and the studies of karst. D I Gorbeev. Inform. shor. Mezhd. kom po izuch. geol. geogr kar no. 1 203-206 '60
M. V. Lomonosov and the study of outer space. B. N. Vorob'ev. Vop. ist est i tekh no 12 156-157 '62.
M. V. Lomonosov as the founder of physical chemistry. S. V Kaftanov. Vop. ist. est i tekh. no 12 44-50 '62.
M. V Lomonosov's contribution to meteorology and hydrology I. A Fedoseev. Vop ist est. i tekh. no. 12. 148-150 '62.
M. V Lomonosov's ideas on physics P S Kudriavtsev. Vop ist est. i tekh. no 12. 101-107 '62.
M. V. Lomonosov's works in the field of geography. V. I. Grekov. Vop. ist. est. i tekh. no 12:119-120 '62.
M V Lomonosov's works on the structure of matter and the theory of heat. A. S Predvoditelev. Vop ist est. i tekh. no. 12 93-100 '62.
On the 250th anniversary of the birth of M. V. Lomonosov. K. Davletov, V. Stepanov. Izv. AN SSSR. Otd. lit. i iaz. 21 no. 2, 174-179 Mr-Ap '62.
Prize of the Academy of Sciences for a scholarly biography of M V Lomonosov. T. V. Volkova. Vop. ist. est. i tekh. no. 12 152-156 '62
Publication of M. V Lomonosov's works. N N. Kukharkov. Vop. ist est. i tekh no. 12 230 '62.
Subject and objectives of *chemistry in the definitions of* M. V. Lomonosov N. A. Figurovskii Vop. ist. est. i tekh. no 12 22-27 '62.

LOMONOSOV, MIKHAIL VASIL'EVICH, 1711-1765—DRAMA
Image of M. V. Lomonosov on the Russian stage [with summary in English]. N. I. Sergeeva. Vest. LGU 18 no. 3:45-56 '62.

LOMONOSOV, MIKHAIL VASIL'EVICH, 1711-1765—MUSEUMS, RELICS, ETC.
M. V. Lomonosov Museum T. A Antipina. Vop. ist. est. i tekh. no 12:240 '62.
M. V. Lomonosov Museum. V. L. Chenakal. Vop ist. est. i tekh. no 12:161-163 '62.

LONDON—OPERA
"Queen of spades" in Covent Garden A. Melik-Pashaev. Sov. muz. 26 no. 4:85-89 Ap '62.

LONGEVITY
Land of long-life span V. Timakov. *Moskva 8 no 1.* 178-184 '62.
Learning to live to a ripe old age. M. Marlinskaia. Zdorov'e 8 no. 4:5 Ap '62.
Man will live to be 150 years old. A. Krupchitskii. Sov. voin 44 no 1:28 Ja '62

LONGSHOREMEN
(see also subdivision under Il'ichevsk)
Problem requiring an immediate solution Mor. flot 22 *no. 2:17 F '62.*

LOOMS—VIBRATION
Dynamic loads on a floor from looms. A. L Brusilovskii. Trudy TSNIISK no. 1.96-103 '61.

LOPARITE
Investigating the chlorination process of loparite concentrates. A. S. Berengard and others. TSvet. inet. 35 no. 4:56-61 Ap '62.

LORICH, MELCHIOR, 1527-1583
Melchior Lorich's drawings in the Hermitage and in the Museum of Fine Arts in Moscow [with summary in French] M IA Libman. Trudy Gos Erm 6 no 2 213-223 '61

LORRAINE—PORCELAIN, FRENCH
Porcelain figurines of Lorraine manufactures from the second half of the 18th century [with summary in French] N IU Blinkova Trudy Gos Erm 6 no 2 110-152 '62

LOSS OF CONSCIOUSNESS
Mechanism of retro- and anterograde amnesias [with *summary in English*]. F. D. Gorov. Vop. psikhol. 8 no 1:37-44 Ja-F '62.

LOVE IN LITERATURE
Just love! Vl. Nemtsov. Oktiabr' 39 no. 1:176-181 Ja '62.

LOVOZERO TUNDRAS—MINERALS
Mineral group "lomonosovit"-murmanite. P. M. Es'kova. Trudy Inst. min., geokhim. i kristallokhim. red. elem no. 2:110-123 '59.
Sphene-amphibole ioilite-melteigite from the Lovozero massif. V. I. Gerasimovskii, A. I. Poliakov. Dokl. AN SSSR 143 no. 5:1179-1181 Ap '62.

LOVOZERO TUNDRAS—MONTMORILLONITE
Minerals of the montmorillonite group in alkali massifs. E. I. Semenov. Trudy Inst min., geokhim i kristallokhim. red. elem. no. 2:124-137 '59.

LOVOZERO TUNDRAS—NEPHELINE SYENITE
Distribution of thallium in nepheline syenites of the Lovozero Tundras (Kola Peninsula)[with summary in English]. V. I. Gerasimovskii, V. S. Rasskazova Geokhimiia no. 3:243-248 '62.

LOVOZERO TUNDRAS—PYROCHLORE
Pyrochlore from vein formations of the Lovozero and Khibiny alkali massifs. L. S. Borodin, I. I Nazarenko Trudy Inst. min., geokhim. i kristallokhim. red. elem no. 2:138-143 '59.

LOVOZERO TUNDRAS—RARE EARTH METALS
Evolution of the composition, and content of rare earth elements in intrusive phases of the Lovozero alkali massif (Kola Peninsula) [with summary in English] IU. A. Balashov Geokhimiia no. 3:207-219 '62.

LOVOZERO TUNDRAS—THALLIUM
Distribution of thallium in nepheline syenites of the Lovozero Tundras (Kola Peninsula)[with summary in English]. V. I. Gerasimovskii, V. S. Rasskazova. Geokhimiia no. 3:243-248 '62

LOW-TEMPERATURE METALS see Metals at low temperatures

LOW TEMPERATURE RESEARCH
Attacking the absolute zero L. Dubrovs'ka. Znan ta pratsia no. 4:13-14 Ap '62.

LUBRICATION AND LUBRICANTS
Hydraulic lubricant distribution tank for mechanical shops. A. A. Nemchikov. Torf. prom. 39 no 3, 31 '62.
Investigation of used oils with cleaning additives by means of an electron microscope. A. B. Vipper, B. I. Leont'ev. Khim. i tekh. topl. i masel 7 no. 4:53-56 Ap '62.

LUBRICATION AND LUBRICANTS—ADDITIVES
Overalkalization, steam refining, and centrifugation in the production of oil soluble sulfonates. IU. N. Shekhter, V. V. Dunaev. Khim. i tekh. topl. i masel 7 no. 4:29-33 Ap '62.

LUBRICATION AND LUBRICANTS—BIBLIOGRAPHY see Bibliography—Lubrication and lubricants

LUBRICATION AND LUBRICANTS—TESTING
Evaluating the effect of lubricants on the development of pitting. G. S. Krivoshein, M. D. Bezborod'ko Zav lab 28 no. 3:356-358 '62
Investigating wear-preventing properties of lubricants under rolling-friction conditions. M. D. Bezborod'ko and others. Tren. i izn. mash. no. 15:420-431 '62.
Optimum concentration of sulfur and chlorine components in some sulfur-chlorine antiseizing additives to lubricating oils. L. I. Vinogradova, E. I. Petlakina, V. P. Karamnova. Tren. i izn. mash. no. 15:478-485 '62.
Reducing chemical wear in using lubricating oils with antiseizing additives. IU. S. Zaslavskii and others. Tren. i izn. mash. no. 15:486-494 '62.
Russia (1923- U. S. S. R.) Glavnoe upravlenie lokomotivnogo khoziaistva. [Instructions for workers of technochemical laboratories testing the quality and use of petroleum products in locomotives and diesel and electric trains] Instruktsiia dlia rabotnikov khimiko-tekhnicheskikh laboratorii po kontrolu kachestva i primeneniia nefteproduktov na lokomotivakh, dizel'-poezdakh i elektrosektsiiakh. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 65 p.
Wear preventing and antifriction properties of lubricating oils under heavy friction conditions. G. V. Vinogradov, Liang Kuo-lin, N. T. Pavlovskaia. Tren. i izn. mash. no. 15:432-477 '62.

LUDWIGITE
Relationship between ludwigite and magnetite ores in skarn deposits. V. A. Dubovskii Trudy VSE GEI 60 127-132 '61

LUGANSK--DIESEL LOCOMOTIVES
Diesel locomotives manufactured at the Lugansk Diesel-Locomotive Plant. V. I. Igantenko. Mashinostroenie no. 2:65 Mr-Ap '62.

LUGANSK--LOCOMOTIVE WORKS--HYGIENIC ASPECTS
On a scientific basis. I. Korotkaia, M. Khlevovoi. Okht. truda i sots. strakh 5 no. 4 10 11 Ap '62.

LUGANSK PROVINCE. COAL MINES AND MINING
Drifting 1020 m. in a month. N. R. Rynin. Shakht. stroi. 6 no. 4,17-18 Ap '62.

LUGANSK PROVINCE. CONSTRUCTION INDUSTRY
Specialization promotes the successful work of trusts. V. I. Ishkyl. Ekon. stroi. no. 1 62-64 Mr '63

LUGANSK PROVINCE. MINING INDUSTRY AND FINANCE
Rebuilding the capital assets of mines of the Lugansk Economic Council. B. I. Kaganovich. Shakht. stroi. 6 no. 4:1-4 Ap '62.

LUGANSK REGION. ELECTRICITY IN MINING
Studying the conditions of the insulation of section electric networks in mines of the Luganskugol' Combine. V. I. Shchukin. Izv. vys. ucheb. zav., gor. zhur. 5 no. 1 124 '62 '62.

LUGOL SOLUTION
Diagnostic value of the reaction with Lugol's solution in myocardial infarct. M. M. Lushov. Sov. med. 25 no. 1: 130-132 Ja '62

LUKH DISTRICT. EDUCATION, ELEMENTARY
Every school has longer hours. A. Demidova, Ia. Rivera. Sem'ia i shkola 17 no. 4,2-6 Ap '62

LUKH DISTRICT. STUDENT ACTIVITIES
Every school has longer hours. A. Demidova, Ia. Rivera. Sem'ia i shkola 17 no. 4:2-6 Ap '62

LUKHOVTSOV, MAKSYM VLAHOVYCH, 1885-1956
Bolkunova, E. P., and I. M. Frantsevych. Maksym Vlanovych Tukhovtsov. Kyiv, Vyd-vo Akad. nauk URSR, 1958. 35 p. (Vchenі Ukraїns'koї RSR)

LUMBER. GRADING
Organizing the butting off and sorting of export lumber. L. Z. Lavie. Izv. vys. ucheb. zav., lesn. zhur. 4 no. 6: 133-139 '61.

LUMBER. MENSURATION
Bolarskii, V. S. [Volumes of round logs] Ob"emy kruglykh lesomaterialov. Izd. 4., dop. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. URSR, 1961. 565 p.

LUMBER. TRANSPORTATION
Liability of tugboat owners for the transportation of rafted timber. P. Alekseev. Rech. flot. no. 8,22-24 Mr '62.

"Theoretical and experimental investigation of some parameters of cableway skidders in the skidding of lumber in the mountains" by D. A. Abramov. Reviewed by A. M. Prokhorenko. Izv. vys. ucheb., zav., lesn. zhur. 4 no. 6 92-95 '61.

LUMBER TRADE. see subdivision under Arkhangel

LUMBERING
(see also subdivision under Bashkiria; Stanislav Economic region)
Analyzing the performance of semiautomatic devices for barking full length logs. K. N. Vorob'ev, A. P. Mavrenkov. Izv. vys. ucheb. zav., lesn. zhur. 4 no. 6 154 '61 '61.
Khimki. Tsentral'nyi nauchno-issledovatel'skii institut mekhanizatsii i energetiki lesnoi promyshlennosti. [Materials of the enlarged session of the Scientific Council of the Central Scientific Research Institute for Mechanization and Power Engineering in Lumbering on problems concerning power engineering and the electrification of the lumber industry] Materialy rasshirennoi sessii Uchenogo soveta TsNIIME po voprosam energetiki i elektrifikatsii lesnoi promyshlennosti. Moskva, 1961. 75 p. (DA)
Technology of lumbering and the preservation of young growth. A. N. IAkubchik, I. R. Morozov. Les. khoz. 15 no. 4:32 35 Ap '62.
Use Bogdashin's tables. G. V. Pashentsev, Sh. A. Popov. Les. khoz. 15 no. 4:99 Ap '62.

LUMBERING--ACCOUNTING see subdivision under Tatar A.S.S.R.

LUMBERING--AUDITING AND INSPECTION see subdivision under Karelia

LUMBERING--COSTS
Zakandin, V. I. [Technical and economic analysis of the cost of sawmill products] Tekhniko-ekonomicheskii analiz sebestoimosti pilopraduktsii. Moskva, Goslesbumizdat, 1961. 113 p.

LUMBERING--MACHINERY
Reshetnikov, N. S. [Repair of the engines of lumbering machinery and mechanisms] Remont dvigatelei lesozagotovitel'nykh mashin i mekhanizmov. Moskva, Goslesbumizdat, 1961. 276 p.
Using the VKF conveyors in sorting logs. P. I. Monevich. Mekh. i avtom. proizv. 16 no. 3 25-30 Mr '62

LUMINESCENCE
Candoluminescence from the viewpoint of the Vavilov - Wiedemann criterion and modern physicochemical representations. V. A. Sokolov. Izv. AN SSSR Ser. fiz. 26 no. 4:514-517 Ap '62.
Candoluminescence of crystal phosphors and the electronic theory of catalysis in semiconductors. Discussion of V. A. Sokolov's report. A. N. Gorban'. Izv. AN SSSR Ser. fiz. 26 no. 4 518-519 Ap '62.
Characteristics of the luminescence and structure of certain alkali halide phosphors. I. A. Parfianovich, E. I. Shuraleva. Izv. AN SSSR, Ser. fiz. 26 no. 4:497-505 Ap '62
Concluding address by V. L. Levshin. Izv. AN SSSR, Ser. fiz. 26 no. 4 539-540 Ap '62.
Discussion of the reports of I. A. Parfianovich, E. I. Shuraleva, M. L. Kats, B. M. Belous. Izv. AN SSSR, Ser. fiz. 26 no. 4 513 Ap '62.
Disproportionation in the solid phase seen responsible for the luminescence capacity of metal chalcogenides of the zinc subgroup. A. A. Bundel'. Izv. AN SSSR, Ser. fiz. 26 no. 4,527-531 Ap '62
Effect of adrenaline and acetylcholine on blood luminescence. N. K. Sviridov. Lit. i zhur. 48 no. 3 331-334 Mr '62.
Electronic oscillatory processes in the luminescence centers of ionic crystals. Ch. B. Lushchik, N. F. Lushchik, I. V. IAek. Izv. AN SSSR, Ser. fiz. 26 no. 4 498-496 Ap '62.
Problems concerning luminescence in the light of the resolutions passed by the 22d Congress of the CPSU. V. L. Levshin. Izv. AN SSSR Ser. fiz. 26 no. 4 541-544 Ap '62.
Quantitative determination of adrenaline by the luminescence titration method (with summary in English). V. I. Koppel'. Apt. delo 11 no. 1:40-44 Ja-F '62.
Quantitative determination of cardiac glycosides in solutions by the method of objective luminescence analysis [with summary in English]. S. I. Vavilov, V. I. Nikolaev, N. S. Khamin. Apt. delo 11 no. 1:31-39 Ja-F '62.
Significance of the luminescence method in the diagnosis of some dermatoses [with summary in English]. T. A. Medvedeva and others. Vest. derm. i ven. no. 6:17-20 '61.

LUMINESCENT SUBSTANCES--SPECTRA
Discussion of M. A. Konstantinova-Shlesinger's report. A. A. Chepnev. Izv. AN SSSR Ser. fiz. 26 no. 1 526 Ap '62
Discussion of R. A. Nilender's report. B. A. Rabrikant. Izv. AN SSSR, Ser. fiz. 26 no. 4,535 Ap '62.
Effect of the degree of distortion of the crystal lattice of a luminophor on the brilliance of the luminescence. Discussion of the reports of M. A. Konstantinova-Shlesinger, A. A. Bundel', L. N. Aleksandrov. Izv. AN SSSR Ser. fiz. 26 no. 4,542 Ap '62
Luminescent properties of luminophors as a function of their crystallochemical and physicochemical nature. M. A. Konstantinova-Shlesinger. Izv. AN SSSR, Ser. fiz. 26 no. 4 520-526 Ap '62.
Production of luminescent lamps by the Moscow Electric Lamp Factory. R. A. Nilender. Izv. AN SSSR, Ser. fiz. 26 no. 4 533-538 Ap '62

LUNACHARSKII, ANATOLII VASIL'EVICH, 1875-1933
Lunacharskii as reader. N. Lunacharskaia-Rozenel' Novyi mir 38 no. 1:209-216 Ja '62

LUNGS
Comparative effect of oxides of cobalt on lung tissue [with summary in English]. E. N. Levina, N. A. Mirkina. Gig. i san. 26 no. 8:27-32 Ag '61.
Lungs. Zdorov'e 8 no. 3:9 Mr '62.
Oxidative metabolism of carbohydrates in pulmonea [with summary in English]. I. V. Pavlov. med. khim. 3 no. 2:188-192 Mr-Ap '62.
X-ray determination of the degree of pulmonary tension in patients with mitral stenosis. G. I. Ruzhkin. Klin. med. no. 3:79-82 '61.

LUNGS--ABSCESS
Intraorgan branching of the pulmonary artery normal conditions and in pulmonary abscess. Belkov. Izv. AN Kazakh. SSR. Ser. med. i fiz. 27-35 '61.

LUNGS--BLOOD SUPPLY
Electrokymographic study of the pulmonary b during radiotherapy for lung cancer [with su English]. V. E. Gel'shtein. Vop. onk. 8 no. '62.
Glomus anastomoses of the lung in some cong heart defects. S. I. Levina. Arkh. pat. no. 3
LUNGS--CANCER
Alveolar-cell cancer (adenomatosis) of the lu Braude. Vop. onk. 8 no. 4,49-51 '62.
Diagnosis of cancer of the middle lobe of the right lung [with summary in English]. A. I. Shekhter. Vop. onk. 8 no. 3 17-26 '62.
Electrokymographic study of the pulmonary blood supply during radiotherapy for lung cancer [with summary in English]. V. E. Gel'shtein. Vop. onk. 8 no. 3,26-33 '62
X-ray demarcation of peripheral cancer of the lung and tuberculoma [with summary in English]. E. IA. Podol'skaia. Vop. onk. 8 no. 3:12-17 '62

LUNGS--DISEASES
Materials on the pathogenesis of cardiovascular insufficiency in chronic diseases of the lungs in horses. V. P. Pedetin. Trudy AZVI 9 150-163 '56.

LUNGS--DUST DISEASES
(see also subdivision under Kirghizistan, Kuznetsk Basin; Moscow Basin)
Accumulation of dust cells and their removal from dust invaded lungs. M. I. Shul'ga. Gig. truda i prof. zab. 4 no. 6:52-54 Je '60
Action of graphite dust with a low content of silicon dioxide under experimental conditions. V. I. Fedorova. Arkh. pat. no. 8,62-67 '61
Biochemical methods in studying the effect of dust on industrial workers [with summary in English]. M. Khvapil. Gig. truda i prof. zab. 4 no. 4,33-36 Ap '60
Case of beryllosis of the lungs. A. I. Kanevskaia. Arkh. pat. no. 4:74-77 '62
Causes of the spread of pneumokoniosis among miners of different collieries. E. E. Zinger. Gig. truda i prof. zab. 1 no. 1,17 Ap '60.
Clinical and experimental study of the effect of lithopone dust on the lungs. T. G. Mgeladze, A. G. Narsia. Gig. truda i prof. zab. 4 no. 3:51-53 Mr '60.
Clinical aspects and working capacity in manganokoniosis. M. I. Machabeli, L. G. Gdzelidze, T. G. Mgeladze. Gig. truda i prof. zab. 1 no. 4:40-50 Ap '60
Clinical picture of the early stage of silicosis. B. Nikolaev-Spolit. Izv. AN Kazakh. SSR, Ser. med. i fiziol. no. 2:51-54 '61.
Consultation; question-and-answer column conducted by M. V. Evgenova. Gig. truda i prof. zab. 4 no. 4,60 Ap '60
Experimental and clinical study of silicosis developing under the influence of aerosols in the condensation of silicon dioxide. B. T. Velichkovskii. Gig. i san. 26 no. 8 76-82 Ag '61.
Functional mobility of the respiratory center and thermoregulation at the initial stage of experimental pneumokoniosis. A. O. Navakatikian. Gig. truda i prof. zab. 4 no. 4,20-23 Ap '60.
Influence of massive doses of vitamin B_2 on the development and course of experimental silicosis in white rats [with summary in English]. M. I. Ruzumov, B. K. Skitko, A. III. Grubina. Arkh. pat. no. 8:55-62 '61.
Methods for studying the incidence of pneumokoniosis [with summary in English]. E. V. Khukhrina. Gig. truda i prof. zab. 4 no. 4,7-13 Ap '60.
Morphological changes in the lungs caused by iron ore dust. A. P. Samoilov. Gig. truda i prof. zab. 6 no. 3: 45-48 Mr '62.
Pneumokoniosis in bauxite miners [with summary in English]. L. I. El'tashev. Gig. truda i prof. zab. 4 no. 4,28-32 Ap '60.
"Schistous pneumoconiosis (pneumoconiosis caused by dust of kukersite oil shales)" by V. A. Klung. Reviewed by Kh. IA. IAnes. Gig. i san. 26 no. 5 123-124 My '61.
Silicosis prevention in some Tajik mines. Kh. U. Mumin-nov. Zdrav. Tadzh. 9 no. 1 23-25 Ja-F '62
Study of the forced vital capacity of the lungs in silicosis [with summary in English]. K. IA. Shishlovskaia. Gig. truda i prof. zab. 4 no. 4:23-28 Ap '60.
Sul' [illegible] A. IA.

LUNGS—SURGERY

Case of pulmonectomy in caseous pneumonia in the acute phase. A. P. Doroshev. Probl. tub. no. 3:112-114 '62.

Complications following resection of the lungs for suppurative processes connected with the use of antibiotics K. A. TSybyrne. Zdravookhranenie 5 no. 1,24-26 Ja-F '62

Partial and total bronchospasm in operations on the heart and lungs N. F. Mistakopulo Grud. khir. no. 2 66-72 '62.

Quantity of blood loss in resection of the lungs B. S. Vikhriev, M. IA. Matusevich. Grud. khir. no. 2, 43-45 '62.

Resections of the lungs using the UKB-25 and UKL-60. P. I. Androsov, G. M. Galniko. Grud. khir. no. 2:34-37 '62.

LUNGS—TUMORS

Congenital absence of the pericardium in combination with a bronchogenic cyst of the left lung. A. A. Voronov, S. G. Gavrilov. Grud. khir. no. 2:78-79 '62.

LUPINE

Changes in the composition and amount of alkaloids in the yellow lupine (Lupinus luteus L.) during its growth and development. A. V. Mironenko, G. I. Spiridonova, T. A. Mozhar. Dokl. AN BSSR 6 no. 4 260-262 Ap '62.

LUPINE BREEDING

Ways for the improvement of forage lupine breeding [with summaries in English, German, and French] N. A. Maisuriian. Vest. sel'khoz. nauki 7 no. 1 11-20 Ja '62.

LUPUS

Familial lupus erythematosus. N. V. Andreeva, M. I. Polilov. Vest. derm. i ven. no. 6:72-73 '61.

Specificity of the lupus phenomenon. I. I. Lelis. Klin. med. no. 6:99-105 '61.

LUPUS ERYTHEMATOSUS

Characteristics of protein metabolism and the reactivity of the body in lupus erythematosus. T. A. Glavinskaia and others. Vest. derm. i ven. no. 4:8-14 '62.

Comparative evaluation of some methods of treating lupus erythematosus [with summary in English]. E. I. Batmanov. Vest. derm. i ven. no. 1:43-48 '62

Diagnosis of systemic lupus erythematosus [with summary in English] V. A. Nasonova, I. I. Nesgovorova. Sov. med. 25 no. 1:16-21 Ja '62.

Systemic lupus erythematosus [with summary in English]. O. A. Raevskaia, P. M. Savenkov. Sov. med. 25 no. 1: 8-15 Ja '62.

L'VOV, SERGEI L'VOVICH

"The fire of Prometheus" by Sergei L'vov. Reviewed by O. Chaikovskaia. Novyi mir 38 no. 1:253-256 Ja '62.

LVOV—BALLET

Good and bad points of a performance. Marina Zakhirevych. Mystetstvo 8 no. 3:27-28 My-Je '61.

LVOV—COMMUNITY AND SCHOOL

Community participation in the work of the district office of public education. P. I. IAtsyna, K. P. Diemchuk. Rad. shk. 40 no. 1:70 Ap '62.

LVOV—DISTRIBUTIVE EDUCATION

University with full community participation. L. Lisovol. Sov. torg. 35 no. 4 29-30 Ap '62.

LVOV—JEWS

Commercial operations before the orenkoldesh. Sholom Pritsker. Voiov. ateist. no. 5 23-24 My '62.

LVOV—SYMPHONY ORCHESTRAS

With creative enthusiasm. Raisa Petrusyns'ka. Mystetstvo 8 no. 3:15 My-Je '61.

LVOV—WAGES

Shortcomings in using a salary schedule for various occupations. I. Korol'. Fin. SSSR 23 no. 4:64 Ap '62.

LVOV ECONOMIC REGION—CERAMIC METALS

Prospects for using ceramic metal articles in the enterprises of the Lvov Economic Region. H. V. Samsonov, I. D. Radomysel's'kyi. Pyt. rozv. prod. syl L'viv. i Stan. ekon. adm. rai. no. 2:46-53 '61.

LVOV ECONOMIC REGION—FOUNDING

Main ways to improve the technology of founding; using the example of the enterprises of the Lvov Economic Region. A. A. Gorshkov. Pyt. rozv. prod. syl L'viv. i Stan. ekon. adm. rai. no. 2:30-45 '61.

LVOV ECONOMIC REGION—INDUSTRIES

Main problems in the future development of the productive forces of the Lvov and Stanislav Economic Regions, Ukrainian S. S. R. A. M. Baranova's'kyi. Pyt. rozv. prod. syl L'viv. i Stan. ekon. adm. rai. no. 2:6-13 '61.

LVOV ECONOMIC REGION—MACHINERY INDUSTRY

Some problems in the further development of machinery manufacturing in the Lvov and Stanislav Economic Regions. M. N. Kovalenko. Pyt. rozv. prod. syl L'viv. i Stan. ekon. adm. rai. no. 2:33-38 '61.

LVOV PROVINCE—AGRICULTURE

Toward new achievements. P. Bakumenko. Komm. Ukr. 37 no. 4:82 Ap '62.

LVOV PROVINCE—HEALTH RESORTS, WATERING PLACES, ETC.

Treatment of dermatological patients at the "Nemirov" Health Resort. S. I. Dovzhanskii and others. Vest. derm. i ven. no. 6 74-76 '61.

LVOV REGION—CAVES

Some geochemical processes in the Medovaya cavern S. I. Parfenov. Inform. sobr. Mezhd. kom. po izuch. geol. geogr. kar. no. 1 185-188 '60.

LVOV REGION—SWAMPS

Bogs and vegetation of the Marianka Valley near Lvov, their utilization and improvement [with summary in English] A. IA. Musiienovich, I. S. Kyiak. Ukr. bot. zhur. 19 no. 1 84-93 '62.

LVOV-VOLYN' BASIN—COAL MINES AND MINING

Determining the extent of displacement of undermined seams and surrounding rocks. A. A. Pirskii. Izv. vyss. ucheb. zav., gor. zhur. no. 3 3-6 '61

Development and future utilization of the Lvov-Volyn' Coal Basin in 1959-1965. IU. Z. Shpectorov. Pyt. rozv. prod. syl L'viv. i Stan. ekon. adm. rai. no. 2 14-23 '61.

LYCORINE

Effect of lycorine alkaloid on the interoceptors of vessels of the spleen, intestines and hind leg. A. A. Altymyshev. Trudy Semipal. med. inst. 2 67-71 '59.

LYGAEIDAE

A new species Lygaeosoma sibiricum (Heteroptera, Lygaeidae) from the Asiatic part of the U. S. S. R. and Mongolia [with summary in German] G. Seidenstücker. Ent. oboz. 41 no. 1,152-159 '62.

LYMPH

Changes in the lymph flow and some biochemical lymph components following the stimulation of the vagus nerve. Report No. 3. R. S. Vasil'chenko and others. Izv. AN Kazakh. SSR, Ser. med. i fiziol. no. 1 11-15 '61.

Changes in the lymph flow and some biochemical lymph components following the stimulation of the sciatic nerve and sinocarotid zone. Report No. 2. R. S. Vasil'chenko and others. Izv. AN Kazakh. SSR, Ser. med. i fiziol. no. 1:3-10 '61

LYMPHADENOMA see Hodgkin's disease

LYMPHATICS

Activity of alkaline and acid glycerophosphatase in explants of human lymph nodes [with summary in English] N. M. Chistova. Arkh. anat., gist. i embr. 40 no. 5,58-66 My '61

Disorders of lymph formation in the kidney in hydronephrosis. N. K. Bogdanovich. Arkh. pat. no. 7,67-71 '61

Intravital injection of a colored solution into lymph nodes in cancer surgery. M. Isambaev. Trudy Inst. klin. i eksp. khir. AN Kazakh. SSR no. 7 137-143 '61.

LYMPHATICS—CANCER

Ablation of lymph nodes affected by cancerous metastases; preliminary report. A. K. Izmukhanov. Trudy Inst. klin. i eksp. khir. AN Kazakh. SSR no. 7 144-147 '61

LYMPHATICS—DISEASES

Changes in the kidneys in lymphostasis. N. V. Botkova. Klin. med. no. 8,134-137 '61.

Lymphadenosis in farm animals. A. A. Stel'makh. Veterinariia 37 no. 12 25-28 D '60.

LYMPHATICS—TUMORS

Cystic lymphangioma of the kidney. T. G. Diadchenko. Urologiia no. 6:59-60 '61.

LYMPHOCYTES

Significance of the various forms of lymphocytes in clinical hematological diseases. M. A. Bazarnova. Probl. gemat. i perel. krovi no. 4:21-25 '62.

LYMPHOGRANULOMA VENEREUM—BIBLIOGRAPHY see Bibliography—Lymphogranuloma venereum

LYMPHOID TISSUE

Plasmatic cells (their morphology, functions and origin) [with summary in English] A. M. Igonin. Arkh. pat. no. 4:3-13 '62.

LYMPHOID TISSUE—MICROBIOLOGY

Symbiosis of reticular cells with Bacteroides in the lymphoid follicles of the intestine of rabbits [with summary in English]. M. I. Razumov, V. G. Geimberg. Arkh. pat. no. 4:24-31 '62

LYSENKO, MYKOLA VITALIIOVYCH, 1842-1912

Lysenko, O. M. [Mykola Lysenko; reminiscences by his son] Mykola Lysenko; vospominaniia syna. Moskva, Molodaia gvardiia, 1960. 252 p. (Zhizn' zamechatel'nykh liudei: Seriia biografii, no. 18(308)) (CU)

LYUBERTSY—AGRICULTURAL MACHINERY INDUSTRY

Increase the production of highly-efficient agricultural machines. Part. zhizn' no. 9:29-31 My '62

MACARONI

New moulds for worm presses. M. N. Karavaev. Khleb. i kond. prom. 6 no. 4:12-15 Ap '62.

MACHINE ACCOUNTING

Develop machine accounting in every way possible. Bukhg. uchet 18 no. 3:1-4 Mr '62

Has the decentralization of accounting been justified? V. D. Smirnov. Uchet i fin. v kolkhoz i sovkhoz 19 no. 1 11-13 Ap '62.

Improve the mechanization of accounting in local trade organizations. A. Kuprienko. Bukhg. uchet 19 no. 4: 22-31 Ap '62

Machine accounting. Sots. obesp. 23 no. 5 15 My '62

Mechanize accounting in the construction industry. A. Kuzilov. Bukhg. uchet 19 no. 3:38-42 Mr '62.

Mechanizing the accounting for deductions for goods sold on credit. V. Dvoretskii, V. Rozhnov. Bukhg. uchet 19 no. 3, 12-15 Mr '62

Practice in mechanizing accounting on the Estonian Railroad. I. Reznichenko. Bukhg. uchet 19 no. 4 49-54 Ap '62

Problems of machine accounting in agriculture. IU. V. Vasil'ev. Uchet i fin. v kolkhoz i sovkhoz 19 no. 1 5-11 Ap '62

MACHINE LANGUAGE see Programming languages (Electronic computers)

MACHINE-SHOP PRACTICE

Compressing thimbles on wires instead of welding. P. D. Men'shikov. Av. prom. 26 no. 8 102-104 Ag '57.

Mechanizing the assembly of threaded joints. B. V. Grigor'ev. Av. prom. 26 no. 8 16-21 '57.

Mosin, F. V. [Technological processes for the manufacture of articles from pipe] Tekhnologiia izgotovleniia detalei iz trub. Moskva, Mashgiz, 1962. 171 p.

Unified bar for assembling sectional fixtures. A. S. Lationov. Av. prom. 26 no. 8,32 Ag '57.

MACHINE-SHOP PRACTICE—SAFETY MEASURES

Palamarchenko, A. Z. [Safety measures in bench work] Tekhnika bezopasnosti pri slesarnykh rabotakh. Kiev, Gos. izd-vo teknich. lit-ry USSR, 1961. 90 p. (Biblioteka slesaria)

MACHINE-TOOL INDUSTRY

Avriutin, A. M. [Put potentials in the service of the seven-year plan] Rezervy - na sluzhbu semiletke. Minsk, Gos. izd-vo BSSR. Red. proizvodstvennoi lit-ry, 1961. lit-ry, 1961. 59 p. (Bibliotechka novatora) [MICROFILM]

MACHINE-TOOL INDUSTRY—ACCOUNTING see subdivision under Moscow

MACHINE TOOLS

(see also subdivision under Great Britain)

Regulating devices for the dimensional adjustment of machine tools. N. I. Fadeev [Trudy] MVTU no. 105: 50-70 '61

Reliability of machine tools and means for its improvement. D. N. Reshetov. Vest. mash. 42 no. 2,11-16 F '62.

MACHINE TOOLS—ATTACHMENTS

Device for reducing the time of auxiliary operations. Av. prom. 26 no. 8,85-86 '57.

In allied branches of the machinery industry. Av. prom. 26 no. 8:96 Ag '57.

MACHINE TOOLS—NUMERICAL CONTROL

General formulas for calculating the precision of copying systems from the copy to the blank. Wang Hu-sheng [Trudy] MVTU no. 105 71-89 '61.

Khabenskii, M. A. [Program control of machine tools] Programmnoe upravlenie metallorezhushchikh stankov. Moskva, Mashgiz, 1962. 38 p. (Nauchno-populiarnaia biblioteka rabochego-stanochnika, no. 32)

Kniazhitskii, I. I., and G. V. Ust'-Shomusheskii. [Machine tools of the future] Stanki budushchego. [Odessa] Odesskoe knizhnoe izd-vo, 1960. 79 p.

MACHINE TRANSLATING

Concerning the use of a machine for composing text analysis algorithms. O. S. Kulagina. Prob. kib. no. 7: 209-224 '62.

Latvijas Padomju Socialistiskas Republikas Zinatnu akademija. Institut elektroniki i vychislitel'noi tekhniki. [Electronic machines serve men; a collection of popular works] Elektronnye mashiny sluzhat cheloveku; sbornik nauchno-populiarnykh statei. Riga, Izd-vo Akad. nauk Latviiskoi SSR, 1961. 170 p.

Use of machines for constructing rules for distinguishing homonymy. T. I. Korovina. Prob. kib. no. 7:225-228 '62.

MACHINERY—CONSTRUCTION

[Machinery manufacture] Ref. zhur. Mashinostr. nos. 7-8 Ap-My '62. Predmetnyi ukazatel' za 1959; Avtorskii ukazatel' za 1960 g., vol. 2; Avtorskii ukazatel' za 1960 g., vol. 3.

The second conference on precision, interchangeability, and technical measurements in the manufacture of machinery. Izm. tekh. no. 4:1-2 Ap '62.

MACHINERY—DESIGN
(see also subdivision under Yaroslavl)
Green light to new machinery. A. Bodiul, M. Vainshtein Komm. Mold. 7 no. 1:68-71 Ap '62.
[Manual for a mechanical engineer in six volumes] Spravochnik mashinostroitelia v shesti tomakh. Red. sovet N. S. Acherkan i dr. Izd. 3., ispr. i dop. Moskva, Mashgiz,
Vol. 3. Pod red. S. V. Serensena, 1962. 651 p.

MACHINERY—MAINTENANCE AND REPAIR
Increasing the reliability of machinery and instruments. IU. Snahkov. Izobr. i rats. no. 4:15-16 Ap '62.

MACHINERY, AUTOMATIC
Automatic machine. H. Kultanhou Belarus' 10 no 4,9 Ap '62.
Automatic machine for pinning sewing needles on paper. T. V. Atsenshtein Mekh i avtom proizv 16 no 3 43-41 Mr '62.

MACHINERY, KINEMATICS OF
Engineering method for kinematic investigation of flat mechanisms. B. M. Partenskii. Vest mash 42 no. 7: 28-31 F '62

MACHINERY IN INDUSTRY
Moscow. Nauchno-issledovatel'skii ekonomicheskii institut. [Economic efficiency of production mechanization and automation] Ekonomicheskaia effektivnost' mekhanizatsii i avtomatizatsii proizvodstva. Pod red. A. D. Emel'ianova i A. S. Tolkacheva. Moskva, Izd-vo ekon. lit-ry, 1962. 347 p.

MACHINERY INDUSTRY
(see also subdivision under Andizhan; Lvov Economic region; Moldavia, Moscow, Stanislav Economic region)
All-Union conference of institutions for higher education on the economic efficiency of technological processes. A. V. Proskurinkov. Vest. mash. 42 no. 2:84-85 F '62.
Development of specialization and cooperation (practice in the machinery industry). A. G. Mistfulin. Vest. mash. 42 no. 4 78-82 Ap '62.
For our Cuban friends. V. Gal'tsev. Vnesh. torg. 42 no. 4:30-31 '62.
"History of the machinery industry in the U. S. S. R. from the first half of the 19th century to the present" by S. IA. Rozenfel'd, K. I Klimenko. Reviewed by V. I. Ostol'skii. Vop. ist. est. i tekh. no. 12:224 '62.
In the State Committee on Automation and Machinery Manufacture of the Council of Ministers of the U. S. S. R. Mekh. i avtom. proizv 16 no. 4:59 Ap '62.
New methods for operational and production planning at a mass-production machinery plant. I. L. Frezinskii. Vest. mash. 42 no. 3:79-83 F '62.
Satel', E. A., and others. [Organization, planning and economics of basic shops in machine plants] Organizatsiia, planirovanie i ekonomika osnovnykh tsekhov mashinostroitel'nykh zavodov. Pod red. E. A. Satelia. Moskva, Mashgiz, 1962. 354 p.

MACHINERY INDUSTRY—CONGRESSES
The Second Congress of the Scientific Technological Society of the Machinery Industry. N. S. Fedotenko. Vest. mash 42 no. 4:95-96 Ap '62.

MACHINERY INDUSTRY—EQUIPMENT AND SUPPLIES
Litvak, V. I. [Photoelectric devices and regulators used in machine manufacture] Fotoelektricheskie pribory i regulatory v mashinostroenii. Moskva, Mashgiz, 1962. 166 p.

MACHINERY INDUSTRY—FINANCE see subdivision under Kazan

MACHINERY INDUSTRY—FIRES AND FIRE PREVENTION see subdivision under Leningrad

MACHINERY INDUSTRY—HYGIENIC ASPECTS
(see also subdivision under Kharkov; Kiev Province)
Characteristics of the working conditions for radiograph operators in a machine-building factory. V. I. Petrov. Gig. truda i prof. zab. 6 no. 3:52-53 Mr '62.
Working man should be healthy. V. Rotivoi. Okhr. truda i sots. strakh 5 no. 3:10-11 Mr '62.

MACHINERY INDUSTRY—LABOR PRODUCTIVITY
Labor productivity and automation. G. A. Shaumian. Vest. mash. 42 no. 2:72-79 F '62.

MACHINERY INDUSTRY—PRODUCTION STANDARDS
(see also subdivision under Leningrad)
Establishing work norms for those who work at several machine tools. I. Shapiro. Sots. trud 7 no. 1:74-85 Ja '62.
[Manual for the establishment of norms in the machinery industry in 4 volumes] Spravochnik normirovshchika-mashinostroitelia v 4 tomakh. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry.
Vol. 3. Khisin, R. I., ed. [Establishing norms for founding, stamping, welding, painting, metal plating, and woodwork] Normirovanie liteinykh, kuznechnykh, shtampovochnykh, svarochnykh, lakokrasochnykh rabot, metallopokrytii i derevoobrabotki. 1962. 671 p.

MACHINERY INDUSTRY—SAFETY MEASURES
(see also subdivision under Orenburg)
"Electronic installations for industrial safety in the machinery industry" by E. A. Petrov, N. I. Ovcharenko Reviewed by IU. Arkhangel'skii Okhr. truda i sots. strakh. 5 no. 3:43 Mr '62

MACHINERY INDUSTRY—STANDARDS
Soveshchanie po standartizatsii i normalizatsii v mashinostroenii, 2d and 3d, 1956, 1957 [Proceedings of the second and third Conferences on Standardization in the Machinery Industry] Materialy. Moskva, Standartgiz, 1958. 135 p.

MACHINERY INDUSTRY—TECHNOLOGICAL INNOVATIONS
(see also subdivision under Kokchetav, Lebedyan'; Leningrad)
Evaluating the influence of technological progress on the economics of machinery manufacturing enterprises. V. A. Tkachev. Och. po sovr. sov. i zarub. ekon. no. 2: 86-91 '61.

MACHINERY INDUSTRY WORKERS—DISEASES AND HYGIENE
Some indications of traumatism in workers of the machinery industry G. D. Rudenko Gig. truda i prof. zab. 1 no 6:57 Je '60

MACROMOLECULAR COMPOUNDS
Latest developments in the synthesis of heteroorganic macromolecular compounds. V. V. Korshak Zhur. VKHO 7 no. 2,122-131 '62
New ways of synthesizing polymers by polymerization methods. V. A. Kabanov, V. P. Zubov Zhur. VKHO 7 no. 2:131-140 '62.

MADURA FOOT see Mycetoma

MAGIAN REGION—ANTIQUITIES
Work of the Magian group in 1958. B. IA. Stavisskii. Trudy inst. ist., arkheol. i etn. AN Tadzh. SSR 27:101-112 '61.

MAGMA
Physicochemical studies of magma and processes associated in the U. S. S. R. during 1957-1959. V. S. Sobolev Trudy Lab. vulk. no. 21:83-99 '62

MAGNESIOFERRITE see subdivision under Yenisey Valley

MAGNESIUM
Use of metallic magnesium in the analysis of cations of the first three analytical groups. A. N. Agte Trudy LTI no. 40:161-164 '58.

MAGNESIUM—CORROSION
Effect of aluminum, copper, and zinc on the resistance of magnesium to corrosive cracking V. V. Romanov. Zhur. prikl. khim. 35 no. 4 795-802 Ap '62.

MAGNESIUM—METALLURGY
Solubility of neodymium and cerium in solid state magnesium. L. L. Rokhlin. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 2:126-130 Mr-Ap '62.

MAGNESIUM ALLOYS
Determination of cerium in magnesium alloys. V. N. Tikhonov. Izv. vys. ucheb. zav. khim. i khim. tekh. 5 no. 1:31-37 '62.

MAGNESIUM-ALUMINUM ALLOYS see Aluminum-magnesium alloys

MAGNESIUM BORIDES
Some chemical properties of magnesium borides and their role in the preparation of elementary boron by the magnesium - thermal method I. IA. Markovskii, G. V. Kapulovskaia. Zhur. prikl. khim 35 no 4 724-729 Ap '62.

MAGNESIUM FERRATES
True heat capacity of magnesium ferrite L. A. Reznitskii, G. K. Khomiakov. Vest. Mosk. un. Ser 2 Khim 17 no. 2:58-62 Mr-Ap '62

MAGNESIUM FOUNDING
Crystallization of magnesium alloys under pressure. A. V. Kurdiumov, I. A. Shostyrev. Lit. proizv. no. 4 4-5 Ap '62.

MAGNESIUM HYDRIDES—SPECTRA
Infrared absorption spectra of magnesium hydride N. N. Maltseva, IU. IA. Kharitonov. Zhur neorg khim 7 no. 4:847-848 Ap '62

MAGNESIUM IN THE BODY
Change in the cholinesterase activity and magnesium concentration of the blood during pain stimulation of gastric interoceptors in horses. S. I. Khudaev. Trudy AZVI 9:152-156 '56.
Magnesium content in the blood serum following the administration of a magnesium sulfate aerosol by inhalation and intramuscular methods in treating late pregnancy toxemias. I. M. Tutova. Sbor. nauch. rab Kaf. akush. i gin. GMI no. 2 49-51 '60.

MAGNESIUM SULFATE
Clinical evaluation of the use of magnesium sulfate aerosols in late pregnancy toxemias. I. M. Tutova Sbor. nauch. rab Kaf. akush. i gin. GMI no. 2,45-48 '60.
Plethysmography and pneumography in toxemias of the second half of pregnancy treated with magnesium sulfate aerosols E. V. Pankova Sbor nauch rab Kaf. akush i gin GMI no 2 41-44 '60.
Treatment of late pregnancy toxemias with magnesium sulfate aerosols, preliminary report E. V. Pankova, I. M. Tutova Sbor nauch rab Kaf akush i gin GMI no 1 50-61 '60

MAGNESIUM-ZINC-ALUMINUM ALLOYS see Zinc-aluminum-magnesium alloys

MAGNETIC AMPLIFIERS
Characteristics of an a c magnetic amplifier [with summary in English] N. M. Tishchenko Avtom. i telem. 23 no. 5:527-531 Ap '62.
Comparison of networks of connecting saturable reactors used to control a three-phase transistor rectifier. Elektroenergetika no 5 90-97 '62.
Magneto-transistor amplifier I. M. Stoliarov. Vest elektropром 33 no. 1 51-54 Ap '62.
Using a magnetic amplifier in the measurement of power G. N. Del'ving. Priborostroenie no 4 4-6 Ap '62.

MAGNETIC AMPLIFIERS—TESTING
Checking coils for magnetic amplifiers with self-magnetization and low resistance in a control circuit by quasi-load characteristics. IU. A. Avakh. [Trudy] MVTU no. 105 151-168 '61

MAGNETIC ANOMALIES see subdivision under Zhaksyalakol' Lake region

MAGNETIC FIELDS
Behavior of a polarized deuteron beam in a magnetic field [with summary in English] O. D. Cheishvili, G. R. Khutsishvili. Trudy Inst. fiz AN Gruz SSR 6 53-60 '56
Collision integral for charged particles in a magnetic field [with summary in English] V. M. Pleonskii, P. S. Zyrianov, V. P. Silin Zhur. eksp i teor fiz. 42 no 3 894-901 Mr '62.
Conservation of the magnetic field topography in a beta-ray spectrometer O. D. Kovrigin, N. V. Kolesnikov, G. D. Latyshev. Trudy Inst. fiz. AN Kazakh SSR 5 101-110 '62
Isothermal acceleration of a one-dimensional flow of a plasma within external transverse uniform magnetic and electric fields V. M. Sarychev. PMTF no. 1 12-14 Ja-F '62.
Magnetic trap for colliding beams Zh. S. Takibaev. Trudy Inst. fiz. AN Kazakh. SSR 5 147-154 '62
Mel'nikov, V. K. [Lines of force of a magnetic field] O silovykh liniiakh magnitnogo polia. Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 9 p.
Neiman, L. R., and K. S. Demirchian. [Laboratory manual on electromagnetic fields] Rukovodstvo k laboratorii elektromagnitnogo polia. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 219 p.
One-dimensional automodel waves moving in a plasma along a magnetic field [with summary in English] B. A. Tverskoi. Zhur. eksp i teor fiz 42 no 3 833-838 Mr '62
One-dimensional steady flow of a plasma within a channel in the presence of an external transverse magnetic field and resistance G. IU. Dautov PMTF no 1 5-11 Ja-F '62
One method for computing the shape of a magnet for a given field G. N. Vialov. Zhur. tekh. fiz. 32 no. 3 287-293 Mr '62.
Physical processes in steel in the presence of a pulsating magnetic field. V. E. Skobelev. Izv. vys. ucheb. zav.; elektromekh 5 no. 3:243-261 '62.
Some problems of the motion of electrons in high electric and magnetic fields A. Teshabaev Izv AN Uz SSR. Ser fiz -mat nauk 6 no 1:53-59 '62
Some problems of the topology of a magnetic field. G. V. Skornitskov. Zhur. tekh. fiz 32 no. 3:261-268 Mr '62

MAGNETIC FIELDS—MEASUREMENT
Method for measuring pulsed magnetic fields. F. K. Lange. Izm. tekh no 4 25-29 Ap '62

MAGNETIC MATERIALS
Effect of spt-spin and spin-phonon interaction in an antiferromagnetic material on the energy distribution of scattered neutrons. V. N. Kashcheev. Fiz. tver. tela 4 no 3:759-771 '62.

MAGNETIC MEASUREMENTS
Gol'din, L. L., S. V. Skachkov, and K. N. Shorin. [Magnetic measurements in charged particle accelerators] Magnitnye izmereniia v uskoritelikh zariazhennykh chastits. Moskva, Gosatomizdat, 1962. 55 p.

MAGNETIC MEMORY (CALCULATING MACHINES)
Using epoxide resins for hermetically sealing magnetic memory elements. V. V. Kamnev. Priborostroenie no. 3:27-28 Mr '62.

MAGNETIC PROSPECTING
(see also subdivision under Kazakhstan)
Accuracy of some transformations of gravity and magnetic fields in calculations on an electronic computer. V. I. Aronov. Geofiz. razved. no. 6:22-41 '61.

MAGNETIC PROSPECTING (Continued)

Analytic extension of two-dimensional potential fields and its use for solving the inverse problem of magnetic and gravitational prospecting. Part 3: Inversion of Newton's integral transformation. Solution to the second problem. V. N. Strakhov. Izv. AN SSSR. Ser. geofiz. no. 4 491-505 Ap '62.

Use of the frequency method for the determination of some parameters of magnetized bodies. O. A. Solov'ev. Geol. i geofiz. no. 2 122-125 '62.

Using the higher derivatives of the magnetic potential to determine the depth of bedding of magnetized bodies. V. K. Platnitskii. Trudy SNIIGGIMS no. 1:130-142 '59.

Using the magnetic prospecting method in calculating a volcanic layer in the Polar Urals. V. V. Gernik, V. G. Potapov. Geofiz. razved. no. 6, 59-72 '61.

MAGNETIC RECORDERS AND RECORDING

Concerning the dynamic band of a magnetic recording channel. M. V. Gitlits. Radiotekhnika 17 no. 4 66-78 Ap '62.

Effective width of working slits of recording and reproducing magnetic heads. R. R. Arnol'd. Trudy VNAIZ no. 5:10-18 '59.

Foreign patents. Elektrosviaz' 16 no. 4:76 Ap '62.

Magnetic modulating head for reproducing the magnetic recording of impulses in a retarded motion of the carrier. M. A. Rozenblat. Trudy VNAIZ no. 5:19-29 '59.

Portable MIZ magnetic tape recorder for news reporting. V. S. Smirnov. Trudy VNAIZ no. 5:30-33 '59.

MAGNETIC RESONANCE ACCELERATOR see Cyclotron

MAGNETIC SEPARATION OF ORES—EQUIPMENT AND SUPPLIES

Multiple roll magnetic separator. V. G. Derkach, N. F. Egorov, A. M. Levitskii. Biul. TSIICHM no. 10 44 '60.

MAGNETIC TESTING

Checking parts with a magnet flaw detector. M. Gogolitsyn. Avt. transp. 40 no. 4:31 Ap '62.

MAGNETISM

Generation of magnetoacoustic waves in a rarefied plasma by a flow of charged particles. A. B. Kitsenko, K. N. Stepanov. Zhur. tekh. fiz. 32 no. 3:303-307 Mr '62.

Magnetism and the electrical conductivity of metals. S. V. Vonsovskii. Usp. fiz. nauk 76 no. 3:467-497 Mr '62.

Theory of magnetization in the two-dimensional Ising model. R. L. Stratonovich. Fiz. tver. tela 4 no. 3: 618-628 '62.

MAGNETISM, TERRESTRIAL
(see also subdivision under Baltic Sea region, Kamchatka, Kazakhstan, Omsk region)

Interpretation of magnetic fields over ultrabasic complexes, serpentinization and magnetic properties. A. G. Komarov and others. Dokl. AN SSSR 143 no. 5:1166-1169 Ap '62.

MAGNETISM, TERRESTRIAL—OBSERVATIONS

Iudovich, A. B. [Under sail in the 20th century; voyage of the schooner "Zaria."] Pod parusami v XX veke; plavanie shkhuny "Zaria." Moskva, Gos. izd-vo geogr. lit-ry, 1960. 174 p.

MAGNETISM, TERRESTRIAL—SECULAR VARIATION

Archaic magnetic field of the earth. S. P. Burlatskaia. Izv. AN SSSR. Ser. geofiz. no. 4 524-528 Ap '62.

MAGNETITE
(see also subdivision under Altai Mountains)

Relationship between ludwigite and magnetite ores in skarn deposits. V. A. Baboshkin. Trudy VSEGEI 60 127-132 '61.

MAGNETOHYDRODYNAMICS

Magnetohydrodynamic problems concerning steady convection in vertical channels. S. A. Regirer. PMTF no. 1:15-19 Ja-F '62.

Some solutions of the equations of plane gas flow in a parallel magnetic field. I. M. IUr'ev. Inzh. zhur. 1 no. 4:133-137 '61.

Stability of a plasma cylinder in the case of nonuniform current distribution over the cross section. IU. V. Vandakurov. Dokl. AN 143 no. 5:1078-1081 Ap '62.

States characterized by an anisotropic distribution function in a rarefied relativistic gas. G. M. Zaslavskii. PMTF no. 1:20-24 Ja-F '62.

Structure of shock waves in magnetohydrodynamics with dissipation following an arbitrary law. A. G. Kulikovskii. Prik. mat. i mekh. 26 no. 2:273-279 Mr-Ap '62.

MAGNETOHYDRODYNAMICS—CONGRESSES

Konferentsiia po magnitnoi gidrodinamike, Riga, 1958. [Magnetohydrodynamics and dynamics of plasma; transactions of the conference] Voprosy magnitnoi gidrodinamiki i dinamiki plazmy; trudy konferentsii. Riga, Izd-vo Akad. nauk Latviiskoi SSR, 1959. 343 p. 1 col. diagr.
(RPB) (IEN)

MAGNETOMETER

Compensation for magnetic interference on a magnetometer. G. P. Tafeev. Vop. rud. geof. no. 2:3-9 '61.

MAGNETRONS

Static operation of a cylindrical magnetron. G. F. Filimonov, A. V. Lazarev. Radiotekh. i elektron. 7 no. 5, 911-916 My '62.

Trajectories of electrons in magnetron-type devices. G. G. Monosov. Radiotekh. i elektron. 7 no. 5:851-865 My '62.

MAGNETS

One method for computing the shape of a magnet for a given field. G. N. Vialov. Zhur. tekh. fiz. 32 no. 3: 287-293 Mr '62.

MAGNITOGORSK—GEOLOGY, STRUCTURAL

Role of dislocations with a break in continuity in the structure of the Magnitogorsk synclinorium. K. P. Pliusnin. Dokl. AN SSSR 143 no. 5:1173-1176 Ap '62.

MAGNITOGORSK—TAILINGS (METALLURGY)

Characteristics of tailings of Magnitogorsk ore-dressing plants and their effect on the control of the operation of pulp pipelines. T. I. Mel'nikov. Izv. vys. ucheb. zav., gor. zhur. 5 no. 2 149-157 '62.

MAHLER, GUSTAV, 1860-1911

Mahler's Second Symphony. E. Denisov. Sov. muz. 26 no. 4:103 Ap '62.

MAIAKOVSKII, VLADIMIR VLADIMIROVICH, 1894-1930

With Maiakovskii. Al. Dymshits. Oktiabr' 39 no. 4: 175-183 Ap '62.

MAIL ORDER BUSINESS

Mail-order trade is efficient. M. Babushkina. Sov. potreb. koop. 6 no. 4 30-31 Ap '62.

MAIZE see Corn (Maize)

MAJOLICA see subdivision under Italy

MAKARENKO, ANTON SEMENOVICH, 1888-1939

"A. S. Makarenko; seminar" by N. A. Nosozova. Reviewed by V. Kumarin. Nar. obr. no. 4 118 Ap '62.

MAKAROV, SERGEI ZAKHAROVICH, 1898-1961

Sergei Zakharovich Makarov, obituary. Izv. AN SSSR. Otd. khim. nauk no. 4 731-732 Ap '62.

MAKE-UP, THEATRICAL—EXHIBITIONS see subdivision under Moscow

MAKEYEVKA (DONETSK PROVINCE)—PIPE MILLS—ACCOUNTING

Mechanized accounting for materials and payments to suppliers. V. Danilov. Bukhg. uchet 10 no. 3, 37-39 Mr '62.

MAKHARADZE, FILIPP E., 1868-1941

Makharadze, N. B. [Filipp Makharadze; his life and revolutionary activities] Filipp Makharadze; zhizn' i revoliutsionnaia deiatel'nost'. Tbilisi, Sabchota Sakartvelo, 1960. 160 p.
(MIE)

MAKHTUM-KULI, 1733-1782

On the 225th anniversary of the birth of the Turkmen poet Makhtum-Kuli. A. K. Borovkov. Izv. AN SSSR. Otd. lit. i iaz. 20 no. 4 358-360 Jl-Ag '61.

MALI—DESCRIPTION AND TRAVEL

Heirs of the ancient Mali. Vokrug sveta no. 4:30-32 Ap '62.

MALI—ECONOMIC POLICY

Five-year plan of the economic development of Mali Republic [with English summary in appendix]. G. Radchenko. Vnesh. torg. 42 no. 4:13-16 '62.

MALI—EDUCATION

Prospects for the development of national education in the Mali Republic. Abdulai Singare. Sov. pedag. 26 no. 4:112-116 Ap '62.

MALIC ACID

Histochemical study of succinic and malic acid dehydrogenases and DPN and TPN diaphorases in experimental myocardial infarction [with summary in English]. E. F. Lushnikov. Biul. eksp. biol. i med. 53 no. 4:115-120 Ap '62.

MALONALDEHYDE

Chemistry of acetals. Report No. 10: Hydrolysis of tetraethylacetals of malonic and methylmalonic dialdehydes. L. A. IAnovskaia, V. F. Kucherov. Izv. AN SSSR. Otd. khim. nauk no. 4:667-674 Ap '62.

MAL'TSEV, ELIZAR

"Go into each house." Book 1 by Elizar Mal'tsev. Reviewed by IU. Burtin. Novyi mir 38 no. 1:246-250 Ja '62.

MALYSHEV, SERGEI VASIL'EVICH, 1877-1938

During the first years. S. Malyshev. Sov. pech. no. 4: 11-13 Ap '62.

MALYSHKO, ANDRII

"Noontide of the century" by Andrii Malyshko. Reviewed by A. Poperechnyi. Oktiabr' 39 no. 3:203-204 Mr '62.

MALYY ATLYM REGION—GEOLOGY, STRUCTURAL

Genesis of the Malyy Atlym dislocations. P. F. Li, L. M. Kravchenko. Trudy SNIIGGIMS no. 1:36-39 '59.

MAMLYUTKA DISTRICT—AGRICULTURE

We are satisfied with the early results of our work. L. Orlova. Part. zhizn' Kazakh. 31[i e 32] no. 4 22-26 Ap '62.

MAMMALS see subdivision under Ukraine

MAMMALS—ANATOMY

Morphology of auxiliary respiratory muscles in some mammals. M. I. Blekhman. Trudy AZVI 9, 334-342 '56.

MAMMALS—PHYSIOLOGY

Observing blood vessel pulsation in some mammals. K. Berdongarov. Trudy AZVI 9:358-363 '56.

MAMMARY GLANDS—CANCER

Regime of cell divisions in the epithelium of the mammary glands at various stages of the estrus cycle in mice from high and low cancer lines [with summary in English]. S. S. Laguchev. Biul. eksp. biol. i med. 3[i e 53] no. 3 83-87 Mr '62.

MAN—INFLUENCE OF CLIMATE

Influence of climatic characteristics on the course of pneumonia in children under 1 year of age. E. IA. IUfa, T. G. Polianova. Gig. i san. 26 no. 5 56-58 My '61.

MAN, PREHISTORIC
(see also subdivision under Gomel' Province)

Paleoanthropology of Khakassia in the Iron Age. V. P. Alekseev. Sbor. muz. ant. i etn. 20:238-279 '61.

MANDMETS, JAKOB, 1871-1930

Kruus, Oskar, Jakob Mandmets. Tallinn, Eesti riiklik kirjastus, 1961. 90 p. [In Estonian]

MANGANESE

Effect of manganese on the abrasive wear of steel with one per cent carbon content and of iron alloys. M. A. Babichev, A. A. Velikanova, L. B. Kraposhina. Tren. i izn. mash. no. 15 11-30 '62.

MANGANESE—ANALYSIS

Determination of small amounts of manganese by the catalytic reaction between permanganate and oxalate ions [with summary in English]. M. P. Bukin. Zhur. anal. khim. 17 no. 2:256-257 Mr-Ap '62.

MANGANESE CHLORIDE

Ternary system urea - manganese chloride - water at 20 and 30°C. I. G. Druzhinin, K. Rysmendeev. Izv. vys. ucheb. zav., khim. i khim. tekh. 5 no. 1:7-11 '62.

MANGANESE MINES AND MINING see subdivision under Chiatura region

MANGANESE-NICKEL ALLOYS see Nickel-manganese alloys

MANGANESE ORES
(see also subdivision under Georgia; Ural Mountain region)

Dressing of manganese ores in a hydrocyclone. G. M. Kosoi. Biul. TSIICHM no. 10:30-31 '60.

MANGANESE ORGANIC COMPOUNDS

Synthesis of tert. butylcyclopentadienyl manganese tricarbonyl and its derivatives. K. N. Anisimov, N. E. Kolobova. Izv. AN SSSR. Otd. khim. nauk no. 4:721-722 Ap '62.

MANGANESE OXIDES

Adsorption of strontium by manganese dioxide from water-ethanol solutions. E. V. Tkachenko, V. V. Pushkarev, IU. V. Egorov. Izv. vys. ucheb. zav., khim. i khim. tekh. 5 no. 1:172-174 '62.

Sorption of some radioactive isotopes from aqueous solutions by active manganese dioxide. V. V. Pushkarev and others. Radiokhimiia 4 no. 1:49-54 '62.

MANGANESE STEEL—METALLOGRAPHY

Wear-resistance of high-manganese steel castings. M. A. Guzovskaia, IA. D. Khorin. Metalloved. i term. obr. met. no. 4 20-22 Ap '62.

MANGANESE STEEL—METALLURGY

Improving the technology of high-manganese steel production for crawler tractor track blocks. V. S. Shitikov, IU. A. Shul'te. Mashinostroenie no. 2:49-52 Mr-Ap '62.

MANGANESE STEEL—TESTING

Methods for quality control of high-manganese steel. I. V. Palsov, I. I. Raev. Vest. mash. 42 no. 2:50-51 F '62.

MANGE see Scabies

MANGYSHLAK PENINSULA—GAS, NATURAL—GEOLOGY

Geology, oil and gas potentials of the Uzen anticline and adjacent regions in the Mangyshlak steppes. Geol. nefti i gaza 6 no. 3, 7-13 Mr '62.

MANGYSHLAK PENINSULA—PETROLEUM GEOLOGY
Geology, oil and gas potentials of the Uzen' anticline and adjacent regions in the Mangyshlak steppes. Geol nefti i gaza 6 no 3 7-14 Mr '62.

MANIA see Psychoses

MANNERS AND CUSTOMS
The holiday came to your home. I. Alekseeva, A. Chernov, N. Fedorov [ov professiuzy 10 no 2:32-33 Ja '62

MANNITOL
Solubility of mannitol V. A. Fytuzhenko, G. V. Makhnova Zhur. prikl. khim 35 no. 4 717-720 Ap '62.

MANOMETER--STANDARDS
(see also subdivision under Kuzan)
Converters, regulators and indicators. N. I. Zhukovskii. Standartizatsiia 26 no. 4:41-43 Ap '62.

MANUAL TRAINING
(see also subdivision under Chelyabinsk Province, Sverdlovsk Province)
No sooner said than done. I. Oglobin. Znan. sila 37 no 4:2-3 Ap '62
Production training in the Nobit Dag No 1 secondary school. A. Dagadin. Shkola i proizv 6 no. 4:66 Ap '61
Work training of children. A. Shentel'. Shkola-int. no 2:36 40 Mr Ap '62

MANUAL TRAINING--SAFETY MEASURES
Industrial safety in work classes. L. A. Lifarov. Shkola i proizv. 6 no 4 40 44 Ap '62.
Kuznetsov, A. M. [Safety measures for the work of general secondary school students] Okhrana truda uchashchikhsia srednikh obshcheobrazovatel'nykh shkol. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961 111 p.
Let's give more attention to safety measures in schools. A. Petrov. Shkola i proizv. 6 no. 3:03 Mr '62.

MANUFACTURES ABSTRACTS
[Communal, household, and commercial equipment] Ref. zhur. Otd. vyp 33: Kommun., byt. i torg. oborud. nom. 1-5, 7-8 Ja-Ap '62.
[Light industry] Ref. zhur.: Leg. prom. nom. 6-10 Mr-My '62

MANUSCRIPTS
(see also subdivision under Ust-Tsilma)
Linguistic publications of Old Russian manuscripts. O. A. Knizevskaia. Izv. AN SSSR, Otd. lit. i iaz. 20 no. 1: 70-74 Ja-F '61.

MANUSCRIPTS CONSERVATION AND RESTORATION
Chamber for disinfecting documents. T. N. Smolkina. Vop. arkh. 7 no 1:93-03 Ja-Mr '62.

MANUSCRIPTS, SLAVIC
Meeting of the Editorial-Text Board of the International Committee of Slavists held in Warsaw. D. S. Likhachev. Izv. AN SSSR, Otd. lit. i iaz. 21 no. 2:170-172 Mr-Ap '62.

MANUSCRIPTS, UIGUR
Mugimov, A. M. [Description of Uigur manuscripts in the collections of the Institute of Asian Peoples] Opisanie uigurskikh rukopisei Instituta narodov Azii. Moskva, Izd-vo Vostochnoi lit-ry, 1962. 206 p.

MANYCH GUDILO LAKE REGION--EAGLES
Steppe eagle Aquila rapax orientalis L.) [with summary in English]. V. A. Minoranskii. Zool. zhur. 41 no. 3: 395-400 F '62.

MARCEAU, MARCEL, 1923-
On the talent of Marcel Marceau. Aleksandr Rumnev. Iskusstvo no. 3:108-110 Mr '62.

MARCHING
Columns on the march must move at high speeds. D. Draganskii. Voen. vest. 41 no. 3:15-19 Mr '62.

MARES
Mate lake frogs (Rana ridibunda) for pregnancy diagnosis in mares. V. M. Ivanovova. Veterinariia 37 no. 10:66-67 O '60.

MARGELAN REGION--IRRIGATION
Water balance observations in the Margelan system. A. Umarov. Vop. gidr. no. 3:62-66 '61.

MARINSK CANAL SYSTEM
Volga flows into the Baltic Sea. V. Lebedinskaia. Vokrug sveta no. 4:42-43 Ap '62.

MARINE BIOLOGY
Fouling of steel structures in sea water as a factor in the projecting of marine oil-engineering plants. R. K. Nazirov and others. Izv. AN Azerb. SSR, Ser. fiz.-mat. i tekh. nauk no. 1:151-159 '62.
Materials on the coefficients of the accumulation of P^{32}, S^{35}, Sr^{90}, Y^{91}, Cs^{137}, and Ce^{144} in marine organisms. G. G. Polikarpov. Trudy SBS 14:314-328 '61.
Treasures of the blue continent. I. Shishkin. Sem'ia i shkola 17 no. 4:38-41 Ap '62.

MARINE BOILERS see Boilers, Marine

MARINE DIESEL ENGINES
High-speed irreversible engines for inland navigation ships. M. Brezhnev, B. Kelim. Rech. transp 21 no. 4:10-24 Ap '62.
Present status and future development of marine and locomotive diesel engines. M. M. Churakin. Izv vys uchеb. zav., mashinostr no 1 26-42 '62.

MARINE DIESEL ENGINES—LUBRICATION
Consumption and standardization of lubricants on river motorships. P. Sobolev. Rech transp. 21 no. 4:25-26 Ap '62.

MARINE ECOLOGY see subdivision under Sevastopol region

MARINE ENGINEERING
Experience acquired in using the automatic vapor pressure control system (ARDP). S. Kashnov. Rech. transp. 21 no. 3:26 Mr '62.
On a basis of general need. Mor. flot 22 no. 4:44 Ap '62.
Requirements of marine power plant control systems. V. I. Nikolaev, G. A. Zakharov. Sudostroenie 28 no. 3: 18-21 Mr '62

MARINE ENGINEERING—BIBLIOGRAPHY see Bibliography—Marine engineering

MARINE ENGINEERING—SAFETY MEASURES
Basic principles of evaluating the safety of ship equipment devices and structures. I. Zagorskaia. Mor. flot 22 no. 2:33-35 F '62.

MARINE ENGINES
(see also subdivision under Poland)
After modernization. Mor. flot 22 no. 4:46 Ap '62.
Analysis of tolerances for the lack of coaxial shafting in marine machine units. V. S. Kravchenko. Sudostroenie 28 no. 3:41-45 Mr '62.
Evaluating the power plant capacity of seagoing dry cargo freighters. I. Sokolov. Mor flot 22 no. 2:28-30 F '62.
Full use of power potentialities of main engines. B. Mshanetskii. Mor. flot 22 no 4:19-20 Ap '62.
Increasing the power of the main engines on "Khasan"-type ships. A. Vasil'ev. Mor. flot 22 no. 4:17-19 Ap '62
Operation of the automatic remote control system on 16D engines. M. Burak. Rech. transp. 21 no. 4:29 Ap '62
Wear of the principal parts of the main engine of the motorship "Gadfle." A. Zil'bershtein. Mor. flot 22 no. 2:30-31 F '62

MARINE ENGINES—DEFECTS
Kuz'min, R. V. [Acoustical method of detecting defects in marine engines] Akusticheskaia defektatsiia sudovykh mekhanizmov. Moskva, Izd-vo "Morskoi transport," 1962. 112 p.

MARINE ENGINES—FUEL CONSUMPTION
Bonuses for fuel economy. D. I. Aroshenko. Rech. transp. 21 no. 4:46 Ap '62.

MARINE ENGINES—LUBRICATION
Oil filter improvement. S. Marozas. Mor. flot 22 no. 2: 31-32 F '62.

MARINE FAUNA
(see also subdivision under Kronotskiy Gulf; Kurile Islands region)
Club of "question boxes." IUn nat. no. 3:26-27 Mr '62.
Heterogeneousness of abyssal fauna. K. V. Beklemishev. Priroda 51 no. 4:110 Ap '62.

MARINE FOULING
Destruction of the film-forming matrix of antifouling paints by marine organisms. M. A. Dolgopol'skaia, A. Z. Shapiro, IU. A. Gorbenko. Trudy SBS 14:303-308 '61.
Vertical distribution of diatom fouling in the Bay of Sevastopol. Z. S. Kucherova. Trudy SBS 14:61-78 '61.

MARINE GAS TURBINES
Rules of the U. S. S. R. Register on marine gas turbine plants. O. Kh. Gel'fenbein. Sudostroenie 28 no. 3:21-23 Mr '62.
Use on ships of gas turbines with a free piston gas generator [from foreign journals] V. M. Koliuko. Sudostroenie 28 no. 3:59-61 Mr '62

MARINE MICROBIOLOGY see subdivision under Mediterranean Sea

MARINE PIPE FITTING
Method of joining high pressure pipes with cones. I. Poskako. Rech. transp. 21 no. 4:30 Ap '62.
Unsoldered and unwelded pipe sleeve connections. A. L. Libert. Sudostroenie 28 no. 3:56-57 Mr '62.
Vibro-acoustic characteristics of marine water pipes. N. M. Egorova, N. I. Duan. Sudostroenie 28 no. 3:14-17 Mr '62.

MARINE RADIO STATIONS see subdivision under Russia, Northern

MARINE TURBINES
Effect of condition parameters and the type of working media on turbine stage efficiency. V. S. Bogomolov. Sudostroenie 28 no 4:20-25 Ap '62.
"Modern steam turbines on merchant ships" by I. V. Malikov. Reviewed by I. Tumm. Mor. flot 22 no. 2:47 F '62

MARITIME TERRITORY—AGRICULTURE—EXPERIMENTATION
Experimental work in student brigades of the Maritime Territory. I. Ivashchenko. Shkola i proizv 6 no 4 64-65 Ap '62.

MARITIME TERRITORY—COMMUNIST PARTY OF THE SOVIET UNION
Bolikova, L. I. [Struggle of the Bolsheviks for the triumph of the Great October Socialist Revolution in the Maritime Territory] Bor'ba bol'shevikov za pobedu Velikoi Oktiabr'skoi sotsialisticheskoi revoliutsii v Primor'e. Vladivostok, Primorskoe knizhnoe izd-vo, 1960. 60 p. (Iz istorii Primorskoi organizatsii KPSS) (CSt-H)

MARITIME TERRITORY—MINERALS IN SOIL
A biogeochemical province, poor in iodine, cobalt, and molybdenum. G. P. Gurevich. Gig. i san. 26 no 5 05-07 My '61

MARITIME TERRITORY—REVOLUTION, 1917-1921
Bolikova, L. I. [Struggle of the Bolsheviks for the triumph of the Great October Socialist Revolution in the Maritime Territory] Bor'ba bol'shevikov za pobedu Velikoi Oktiabr'skoi sotsialisticheskoi revoliutsii v Primor'e. Vladivostok, Primorskoe knizhnoe izd-vo, 1960. 60 p. (Iz istorii Primorskoi organizatsii KPSS) (CSt-H)

MARITIME TERRITORY—RURAL LIBRARIES
The important thing is to get concrete results. I. Filatova. Bibliotekar' no. 4:25-26 Ap '62

MARITIME TERRITORY—SWAMPS
Basic types of bogs and swampy forests in the Maritime Territory. IU. S. Prozorov, A. A. Popov. Trudy Inst. lesa i drev. 50:146-162 '61

MARKETING
Let's study demand and improve service. A. Dement'ev. Sov. torg 35 no. 1 22-24 Ap '62.

MARKHA VALLEY—ALDER
Alder scrubs in western Yakutia and their role in binding the bank slopes. A. I. Utkin. Trudy Inst. lesa i drev. 50,120-124 '61.

MARKHA VALLEY--ALLUVIUM
New data on "waterwhead pebbles" in the Markha-Tyung interfluve. O. I. Kardopol'tseva and others. Trudy VSEGEI 66,117-133 '61.

MARKHA VALLEY—GEOLOGY, STRUCTURAL
Pseudotectonic disturbances in the bedding of Paleozoic rocks in the Markha Valley (Vilyuy). V. M. Morozov. Trudy VSEGEI 66:175-177 '61.

MARKOV PROCESSES
Mixed boundary value problem for second-order elliptic differential equations having a small parameter. M. I. Freidlin. Dokl. AN SSSR 143 no 6:1300-1303 Ap '62.

MARKOVKA DISTRICT—HOSPITALS, RURAL
They show no regard to the needs of villagers. A. Piuzhnik. Sov. deput. trud. no. 4:70-79 Ap '62.

MARROW
Reparative processes in the bone marrow of irradiated rats after the transplantation of homologous bone marrow. S. A. Rogachova. Radiobiologiia 2 no. 2:306-316 '62.

MARROW—TUMORS
Case of multiple myelomas. A. A. Sarkisiants. Zdrav. Turk. 6 no. 1:32-33 Ja-F '62.
Clinical aspects and treatment of myeloma [with summary in English]. A. L. Kozyreva. Vop onk. 8 no. 3: 68-72 '62
Kidney disorders in myeloma. I. T. Popov, P. V. Ponomarev, R. D. Shtern. Klin. med. no. 8:50-56 '61.
Sedimentograms and electrophoretic recordings in two cases of multiple myeloma. P. I. Popkova. Vop pat. krovi i krovoobr. no. 5:82-90 '59.
Some problems in the clinical aspects and treatment of myeloma disease. A. S. Mishchenko. Klin. med. no. 8: 30-35 '61.

MARS (PLANET)
Sytinskaia, N. N. [Planet Mars] Planeta Mars. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1962. 61 p. (Populiarnye lektsii po astronomii, no. 12:

MARSH TEA
Pharmacology of marsh tea. L. S. Poluektova. Farm. i toks. 25 no. 1:114-115 Ja-F '62.

MARTENS
Is marten reponsible for the diminishing squirrel population? [with summary in English]. IU. P. Izan. Zool. zhur. 41 no. 4 633-635 Ap '62.

MARX, KARL, 1818-1883
The founder of scientific communism. Stroi. i arkhit. Mosk. 10 no. 11:11 N '61
The 90th anniversary of the first publication of "Capital" in Russian. A. Kirtoka. Komm. Moid. 7 no. 3,71-75 Mr '62.

MARX, KARL, 1818-1883—BIBLIOGRAPHY see Bibliography—Marx, Karl, 1818-1883

MARX FAMILY
Vorob'eva, O. B., and I. M. Sinel'nikova. [The daughters of K. Marx] Docheri marksa. [Izd. 2., ispr. i dop.] Moskva, Izd-vo politicheskoi lit-ry, 1962. 150 p.

MASERS
Brighter than a thousand suns. M. Rakaushchyk. Rab. i stroi. 38 no. 4:11 Ap '62.
Concerning the width of the emission line of a maser. V. S. Zuev, I. V. Cheremiskin. Radiotekh. i elektron. 7 no. 5:918-919 My '62.
Dependence of the "maser" frequency in nuclear resonance on the parameters of the apparatus. A. I. Zhernovoi, G. D. Latyshev. Trudy Inst. fiz. AN Kazakh. SSR 5:111-116 '62.
Efficiency of different pumping conditions in traveling-wave ruby masers. V. B. Shteinshleiger, G. S. Mitezhnikov, O. A. Afanas'ev. Radiotekh. i elektron. 7 no. 5:874-879 My '62.
Study of a method for adjusting the frequency of a maser by modulating the line of emission with an external magnetic field. V. V. Nikitin, A. N. Orayevskii. Radiotekh. i elektron. 7 no. 5:859-865 My '62.

MASKS see subdivision under Africa

MASLENNIKOV, A.
First concert of A. Maslennikov. A. Orfenov. Sov. muz. 26 no. 4:99 Ap '62.

MASS BCG VACCINATION see BCG vaccination

MASS SPECTROMETRY
New designs for mass spectrometers. V. M. Kel'man, I. V. Rodnikova. Zhur. tekh. fiz. 32 no. 3:269-278 Mr '62.

MASS TRANSFER
Heat and mass transfer during heating of hardening concrete [with summary in English]. K. E. Gorfainov, E. S. Veksler. Inzh.-fiz. zhur. 5 no. 4:47-51 Ap '62.
Intensification of mass transfer by means of toroidal gas current. R. Z. Alimov. Zhur. prikl. khim. 35 no. 3:524-529 Mr '62.
Kinetics of mass transfer in wetted-wall rectification columns. P. G. Boiarchuk, A. N. Planovskii. Khim. prom. no. 3:195-200 Mr '62.
Motive forces of mass exchange during the distillation process in cross flow conditions. L. M. Selivanov, D. D. Zykov. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 2:168-173 Mr-Ap '62.
Transfer phenomena in a partially ionized gas. V. M. Zhdanov. Prik. mat. i mekh. 26 no. 2:280-286 Mr-Ap '62.
Valuable monograph on the theory of heat and mass transfer. A. V. Lykov. Inzh.-fiz. zhur. 5 no. 4:141-142 Ap '62.

MASSAGE
Myographic data on the effect of sports massage. V. V. Ikova. Teor. i prak. fiz. kul't. 25 no. 4:34-37 Ap '62.

MASUMIAN, B.
B. Masumian. G. L. Teatr. 23 no. 5:164 My '62.

MATERIA MEDICA, ANIMAL
Gurov, V. A. [Handbook on the endocrine, enzymatic, and special raw materials for and the production of organic preparations] Spravochnik po endokrinnomu, fermentnomu, spetsial'nomu syr'iu i proizvodstvu organopreparatov. Moskva, Pishchepromizdat, 1961. 307 p.

MATERIA MEDICA, VEGETABLE
Antimicrobic characteristics of the essential oils of some plants. A. M. Babusenko, A. IA. Veselov. Trudy Inst. mikrobiol. i virus. AN Kazakh. SSR 5:26-31 '61.
Plantain. T. IA. Sidel'nikova. Zdorov'e 8 no. 2:31 F '62.

MATERIALISM
Problems of war and militarism discussed at the Congress of the Second International in Copenhagen in 1910 [with summary in English, pp. 181-182]. M. Przedecki. Nov. i noveish. ist. no. 2:63-79 '62.

MATERIALS
Kolesnik, P. A., and N. D. Morozov. [Materials used in motor vehicles and tires; manual for an automobile mechanic] Avtomobil'nye materialy i shiny; posobie avtomekhaniku. Izd. 3., perer. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1962. 221 p.
Organization of the accounting for material and ways to improve it further. A. Dodonov. Bukhg. uchet 18 no. 3:16-23 Mr '62.
Sibirinkov, L. E. [Accounting for the utilization of materials in production] Uchet ispol'zovaniia materialov v proizvodstve. Moskva, Gosfinizdat, 1961. 81 p. (Biblioteka bukhgaltora)

MATERIALS—ANALYSIS
Equations for mean random errors in analyses and use of these equations for evaluating the reproduction of radiometric determinations. B. IA. Iufa. Zav. lab. 28 no. 3:329-336 '62.

MATERIALS—CORROSION
Simplified design of an apparatus for corrosion testing by the alternating immersion of samples coated with paint materials. L. N. Semenov, A. P. IAroshenko. Lakokras. mat. i ikh prim. no. 1:73-74 '62.

MATERIALS, EFFECT OF RADIATION ON
Effect of radiation on the electric strength of rock salt in a breakdown occurring in a thin layer. G. A. Vorob'ev, V. A. Kostrygin. Fiz. tver. tela 4 no. 3:811-812 '62.

MATERIALS AT LOW TEMPERATURES
Effect of low temperatures on the friction of graphite antifriction materials. L. A. Plutalova. Tren. i izn. mash. no. 15:274-285 '62.

MATERIALS HANDLING—ABSTRACTS
[Industrial transportation] Ref. zhur.: Prom. transp. no. 4 Ap '62

MATERIALS HANDLING—PATENTS
Console and belt-type waste stacker. Z. B. Volodarskii and others. Biul. TSNIIMN no. 9:51 '60

MATERNAL AND INFANT WELFARE
Contribution of the state to future mothers. A. IArkho. Okhr. truda i sots. strakh. 5 no. 3:40-41 Mr '62.
Is the court right? V. Skobelkin. Okhr. truda i sots. strakh. 5 no. 4:42-43 Ap '62

MATHEMATICAL ANALYSIS
Equations for mean random errors in analyses and use of these equations for evaluating the reproduction of radiometric determinations. B. IA. IUfa. Zav. lab. 28 no. 3:329-336 '62.
P. V. Voronets' studies in analytic dynamics. B. N. Fradlin. Ist.-mat. zbir. no. 13:104-127 '61.

MATHEMATICAL CRYSTALLOGRAPHY see Crystallography, Mathematical

MATHEMATICAL ECONOMICS see Economics, Mathematical

MATHEMATICAL LOGIC see Logic, Symbolic and mathematical

MATHEMATICAL PHYSICS
Uniqueness of generalized solutions from L_2 to some simple problems of mathematical physics. A. E. Zolotarev. Dokl. AN SSSR 143 no. 6:1260-1263 Ap '62.

MATHEMATICAL RECREATIONS
Perel'man, IA. I. [Geometry made interesting] Zanimatel'naia geometriia. Izd. 11., stereotipnoe. Pod red. i s dopolneniiami B. A. Kordemskogo. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1959. 301 p. (RPB)

MATHEMATICAL STATISTICS
How some statistical methods are used in the evaluation of the dynamic series of foreign trade. L. G. Venetskii. Uch. zap. IMO no. 1:224-256 '61.
Repetitive wind velocities in Azerbaijan. V. I. Es'man, Z. G. Aliev. Izv. AN Azerb. SSR, Ser. fiz.-mat. i tekh. nauk no. 6:89-101 '61.

MATHEMATICIANS
"Presentations of mathematicians at the elections to the Berlin Academy of Sciences" [in German] by Kurt-R. Biermann. Reviewed by A. P. IUshkevich. Vop. ist. est. i tekh. no. 12:216-218 '62

MATHEMATICS
(see also subdivision under Mesopotamia; Odessa, Russia, Southern)
"Elements of the history of mathematics" [in French] by Nicolas Bourbaki. Reviewed by A. P. IUshkevich. Vop. ist. est. i tekh. no. 12:213-215 '62.
"History of mathematics" [in German] by J. E. Hofmann. Reviewed by A. P. IUshkevich. Vop. ist. est. i tekh. no. 12:212-213 '62.
Letter to the editor on V. L. Merkulov's article, "Materials on I. P. Pavlov's attitude towards the use of mathematical methods in studying problems in digestion and higher nervous activity." V. Fedorov. Zhur. nevr. i psikh. 62 no. 158 '62.
"The principal works of Simon Stevin." Vol. 2: "Mathematics" [in English]. Reviewed by A. P. IUshkevich. Vop. ist. est. i tekh. no. 12:215-216 '62.
Work of the seminar on the history of mathematics at the Moscow State University. F. A. Medvedev, M. Y. Chirikov. Vop. ist. est. i tekh. no. 12:251-252 '62

MATHEMATICS—ABSTRACTS
[Mathematics] Ref. zhur.: Mat. nos. 4-5 Ap-My '62.

MATHEMATICS—AUDIO-VISUAL AIDS
"Filmstrips and motion pictures in secondary school mathematics lessons" by A. P. Gromov. Reviewed by A. V. Mykhaleva'kyi. Rad. shk. 41 no. 5:92-93 My '62.

MATHEMATICS—BIBLIOGRAPHY see Bibliography—Mathematics

MATHEMATICS—PROBLEMS, EXERCISES, ETC.
Krel'shtein, B. I. [Necessary and sufficient conditions in mathematics; for students in grades 8 and 9] Neobkhodimye i dostatochnye usloviia v matematike; dlia uchashchikhsia VIII-XI klassov. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 61 p. (Biblioteka shkol'nika)

MATHEMATICS—STUDY AND TEACHING
Developing in students the habits of independent study. V. I. Tul'chii, O. M. Savina. Rad. shk. 41 no. 5:57-60 My '62
Let's conduct every lesson in a creative way. A. M. Zakreva'kyi. Rad. shk. 40 no. 1:59-60 Ap '62
Our experience in working in a new way. I. G. Tkachenko. Rad. shk. 40 no. 4:61-63 Ap '62.
Ways of reorganizing the teaching of mathematics. A. Khinina and others. Nar. obr. no. 1 insert Ap '62. 16 p.

MATHEMATICS, ANCIENT
"Pre-Greek mathematics" [in German] by Kurt Vogel. Reviewed by A. P. IUshkevich. Vop. ist. est. i tekh. no. 12:210-212 '62.

MATRICES
Applying the theory of matrices to the analysis of the geometry of gyroscopic devices. S. S. Rivkin. Vop. prikl. gir. no. 2:5-15 '60
Characteristic polynomials of symmetric matrices. A. P. Shapiro. Sib. mat. zhur. 3 no. 2:280-291 Mr-Ap '62
Combination matrices and their uses in electrical engineering. M. P. Zlatev. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no. 2:55-58 Mr-Ap '62.
Concerning the realization of distance matrices in unit cubes. M. E. Tylkin. Prob. kib. no. 7:31-42 '62.
Drag across a curvilinear matrix. B. A. Druianov. PMTF no. 1:165-168 Ja-F '62
Problem of the effectiveness and noneffectiveness of regular matrices. I. I. Ogievetskii. Dokl. AN SSSR 143 no. 5:1050-1052 Ap '62.
Some applications of a transitive matrix to the theory of plane waves in a system of elastic layers. S. A. Rybak, B. D. Tartakovskii. Akust. zhur. 8 no. 1:119-123 '62.
Structure of the set of generalized periods of the meromorphic function matrix. A. G. Naftalevich. Mat. sbor. 56 no. 3:309-324 Mr '62.

MATRIX MECHANICS
Local regularizations of the coefficient functions of the scattering matrix. V. A. Shcherbina. Dokl. AN SSSR 143 no. 5:1075-1077 Ap '62
Spectral representations of matrix elements [with summary in English]. R. V. Tevikian. Zhur. eksp. i teor. fiz. 42 no. 3:779-782 Mr '62.

MATROSOV, ALEKSANDR MATVEEVICH, 1924-1943
Zhurba, P. [Hero of the Soviet Union Aleksandr Matrosov] Geroi Sovetskogo Soiuza Aleksandr Matrosov. Moskva, Voen. izd-vo M-va vooruzhennykh sil SSSR, 1949. 47 p. (Geroi Velikoi Otechestvennoi voiny)

MATSOV, ROMAN
Talented conductor. Leo Ginzburg. Sov. muz. 26 no. 4:101-103 Ap '62.

MATTER—CONSTITUTION
M. V. Lomonosov's works on the structure of matter and the theory of heat. A. S. Predvoditelev. Vop. fil. est. i tekh. no. 12:93-100 '62.

MAURYA DYNASTY
"Asoka and the decline of the Mauryas" [in English] by Romila Thapar. Reviewed by G. M. Bongard-Levin. Nar. Azii i Afr. no. 2:242-243 '62

MAUTHAUSEN (CONCENTRATION CAMP)
"This must not be forgotten" by A. Pirogov as told to Kliuchnik. Reviewed by A. Vladimirskii, E. Roznova. Sov. Ukr. 12 no. 5:178-179 My '62.

MAXWELL, JAMES CLERK, 1831-1879
Atomistic concepts in the works of M. Faraday and James Maxwell. V. M. Dukov. Vop. ist. est. i tekh. no. 12:178-184 '62.

MAY DAY (LABOR HOLIDAY)
(see also subdivision under Moscow; Ukraine)
May Day. Nov. vrem. 20 no. 10:1-2 My '62.

MAYKYUBEN' BASIN—COAL GEOLOGY
Cause of splitting of thick coal seams in the Maykyuben' Basin. A. K. Buvalkin. Izv. AN Kazakh. SSR Ser. geol. no. 4:70-79 '60

MAYONNAISE see Salad dressings

MEAD
Popova, E. E. [Meads] Medovye vina. Moskva, Pishchepromizdat, 1961. 63 p.

MEASLES
Cure of psoriasis following co-existing measles. K. F. Fomin. Vest. derm. i ven. no. 6:66-68 '61.
Two cases of measles in newborn infants and puerperae. A. I. Lokai. Ped., akush. i gin. 23 no. 6:60-61 '61.

MEASUREMENTS, MAGNETIC see Magnetic measurements

MEASURING INSTRUMENTS
Measures and measuring instruments approved by the committee on the basis of the results of their official testing and permitted to be used in the U. S. S. R. Izm. tekh. no. 4:64 Ap '62.

MEASURING INSTRUMENTS (Continued)

Preventing the pulling in of indicators in the MIG-4 [illegible] measuring instruments. M. M. Tseplyaev. Izm. tekh. no. 4:64 Ap '62.

Regulating devices for the dimensional adjustment of machine tools. B. F. Fadeev. [Trudy] MVTU no. 10b [illegible] '61.

Certificates on measuring equipment. P. G. Dalonskii. Izm. tekh. no. 4:61-62 Ap '62.

MEASURING INSTRUMENTS--STANDARDS

New standards for measuring and measuring instruments approved by the committee. Izm. tekh. no. 4:64-64 Ap '62.

MEAT, FROZEN--THAWING

Changes occurring in the quality of block frozen meat in case of long term storage. V. P. Botko, A. K. Fomin. Kholod. tekh. 39 no. 2:38-42 Mr-Ap '62.

MEAT CUTTING

Chief problem, V. I. [Boning and shaving of meat] Chto delat' [illegible] Moskva, Pishchepromizdat, 1961. 64 p. (Biblioteka molodogo rabochego)

MEAT INDUSTRY--EQUIPMENT AND SUPPLIES

Determining the degree of mechanization in the meat industry. I. Gorodetskii. Mekh. i avtom. proizv. 16 no. 4:31-34 Ap '62.

MEAT INDUSTRY--HYGIENIC ASPECTS

Class limitation of transmissible and nonparasitic diseases among workers in meat combine. G. N. Kuznetsova. Gig. i sanitar. med. fond. 1:159-161 '60.

Dzagoev, N. U., A. K. Ivanova, and A. I. Rafonov. [Technology, sanitation and hygiene of sausage production] Tekhnologiia, sanitariia i gigiena kolbasnogo proizvodstva. Moskva, Izd-vo Tsentrosoiuza, 1962. 174 p.

MECHANICAL BRAIN see Cybernetics

MECHANICAL DRAWING

Pavlov, G. M. [Blinding drawings by the method of [illegible]] Risunki chertezhei metodom nadeliia v [illegible]. pomoshch' shkole. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 63 p. (Iz opyta [illegible])

MECHANICAL DRAWING--STUDY AND TEACHING

Chetyrkin, A. I., and A. M. Ivod. [Mechanical drawing; textbook for graduating class and tech.] Cherchenie, uchebnik dlia 9-10 klassov. Kiev, Gos. uchebno-pedagog. izd-vo "Radians'ka shkola," 1961. 195 p.

Correct standpoint on school mechanical drawings. V. Lachaev. Nar. obr. no. 4:106-07 Ap '62.

Development of engineering concepts in students. I. Bezkov. Prof.-tekh. obr. no. 4:24-25 Mr '62.

Mechanical drawing in eight-year schools. V. A. Filippov. Nach. shkola no. 3:11-16 Mr '62.

Mechanical drawing lessons in grades five and six. N. N. Nefedova. Nach. shkola no. 3:38-39 Mr '62.

MECHANICAL ENGINEERING
(see also subdivision under Leningrad)

Briefly on... Avt. prom. 28 no. 3:101-105 Ag '62.

Danilevskii, V. V. [Handbook for young technologists and mechanical engineers] Spravochnik molodogo tekhnologa-mashinostroitelia. Izd. 2., dopr. Moskva, Vses. uch.-ped. izd-vo Profizdat, 1960. 414 p.

Filimonov, S. S. [Machine parts] Detali mashin. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 613 p.

Orlikii, V. M. [Engineering mechanics; general mechanics and mechanical engineering] Tekhnicheskaia mekhanika, mekhanika obshchaia i mekhanika mashin. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1962. 471 p.

MECHANICAL ENGINEERING--BIBLIOGRAPHY see Bibliography--Mechanical engineering

MECHANICAL ENGINEERING--STUDY AND TEACHING

Practical work in an obligatory document. D. Butchetin. Prof.-tekh. obr. no. 4:29-30 Mr '62.

MECHANICAL WEAR

Friction pairs for conjugated machine-part surfaces. A. S. Ioannides. Tren. i izn. mash. no. 15:475-501 '62.

MECHANICAL WEAR--TESTING

Establishing the wear resistance of materials on a friction testing machine with reciprocating motion. T. V. Larin and N. I. Antonikova. Tren. i izn. mash. no. 15:114-130 '62.

Investigating the pitting on a four-ball testing machine. M. M. Khrushchov, G. S. Krivonhein. Tren. i izn. mash. no. 15:5-11 '62.

Testing the wear of materials caused by friction in an aggressive medium. I. V. Vasil'ev. Tren. i izn. mash. no. 15:147-151 '62.

Testing the wear of materials of soil-cutting blades by means of inserts under field conditions. A. A. Velikanova. Tren. i izn. mash. no. 15:78-84 '62.

MECHANICS

Oneliakii, V. M. [Engineering mechanics; general mechanics and mechanical engineering] Tekhnicheskaia mekhanika, mekhanika obshchaia i mekhanika mashin. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1962. 471 p.

MECHANICS--ABSTRACTS

[Mechanics] Ref. zhur.: Mekh. nos. 4-5 Ap-My '62.

MECHANICS--STUDY AND TEACHING

Zhelezkhov, G. I. [Classroom demonstrations in mechanics] Demonstratsionnyi eksperiment po mekhanike. Moskva, Uchpedgiz, 1961. 243 p.

MECHANICS, ANALYTIC

Chaplygin's problem. I. I. Khanevskii. Prik. mat. i mekh. 26 no. 2,261-264 Mr-Ap '62.

Derivation of periodic solutions of quasi-linear autonomous systems with several degrees of freedom. A. P. Proskuriakov. Prik. mat. i mekh. 26 no. 2,156-164 Mr-Ap '62.

Letter to the editor. Remarks on the book "Lectures on analytic mechanics." I. M. Gantmakher. Prik. mat. i mekh. 26 no. 2:192 Mr-Ap '62.

Sedov, L. I. [Introduction into the mechanics of the continuum] Vvedenie v mekhaniku sploshnol sredy. Moskva, Fizmatgiz, 1962. 284 p.

Setting up more exact theories of plates and shells. I. G. Terent'ev. Prik. mat. i mekh. 26 no. 2:345-350 Mr-Ap '62.

Stability of the equilibrium of conservative systems with an infinite number of degrees of freedom. A. M. Slobodkin. Prik. mat. i mekh. 26 no. 2,256-258 Mr-Ap '62.

MECHANICS, CELESTIAL

Riabov, Iu. A. [Motions of celestial bodies] Dvizhenila nebesnykh tel. Izd. 2., dop. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1962. 215 p.

MECHANISMS, INTERCHANGEABLE see Interchangeable mechanisms

MECOPTERA see subdivision under Siberia, Eastern

MEDICAL CLIMATOLOGY see Climatology, Medical

MEDICAL COLLEGES see subdivision under Moscow

MEDICAL ELECTRONICS

Cybernetics and medicine. P. K. Anokhin. Zdorov'e 8 no. 1:9-11 Ap '62.

Electronics in medicine. G. I. Kontiakii. Zdorov'e 8 no. 2:1-3 F '62.

The engineer helps the physician. O. Il'yasin. Znan. ta pratsia no. 1:15-16 Ap '62.

In building about new developments. Radio no. 1:9 Ap '62.

Utilization of high-energy electrons in the oncological clinic (from data of foreign literature). V. A. Petrov. Vop. onk. 8 no. 3:116-120 '62.

MEDICAL GEOGRAPHY

Apanin, V. V., and E. V. Karaseva. [Natural focus of leptospiroses] Prirodnaia ochagovost' leptospirozov. Moskva, Medgiz, 1961. 288 p.
(DNLM)

MEDICAL GEOGRAPHY--ABSTRACTS

[Medical geography] Ref. zhur. Otd. vyp. 30: Med. geog. no. 4 Ap '62.

MEDICAL INSTRUMENTS AND APPARATUS

Apparatus for hydrotubation. Sh. I. Shifindman. Ped., akush. i gin. 23 no. 3,50-52 '61

Apparatus for measuring the hardness of a tumor. A. S. Kogan. Klin. med. no. 8:142-143 '61.

Bed-maiden. D. B. Gorbovitskii, I. M. Kantor. Urologiia no. 6:87-88 '61.

Technology produces weapons for the doctor. M. Sinitsyn. Zdorov'e 8 no. 3:15-17 Mr '62.

MEDICAL JURISPRUDENCE

Brief news. Sud.-med. ekspert. 5 no. 1:60-63 Ja-Mr '62.

Serebrennikov, I. M. [Forensic medical study of skin scars] Sudebnomeditsinskoe issledovanie rubtsov kozhi. Moskva, Medgiz, 1962. 125 p.
(DNLM)

Some defects in documentation by medicolegal expert boards. O. A. Panfilenko, B. N. Sapunov. Sud.-med. ekspert. 5 no. 1:27-29 Ja-Mr '62.

MEDICAL LABORATORIES--TECHNIQUE

Al'tgauzen, A. IA. [Clinical laboratory studies] Laboratornye klinicheskie issledovaniia. Pod red. O. M. Nosalevich. Izd. 4., dopr. i dop. Moskva, Medgiz, 1962. 327 p.
(DNLM)

MEDICAL MICROBIOLOGY

Review of F. I. Shevchenko's book "Medical microbiology." K. Kozlov. Med. zhur. Uzb. no. 2:84-86 F '62.

MEDICAL MICROBIOLOGY--BIBLIOGRAPHY see Bibliography--Medical microbiology

MEDICAL MYCOLOGY

Kashkin, P. N. [Medical mycology; a short manual for doctors] Meditsinskaia mikologiia, kratkoe rukovodstvo dlia vrachei [Leningrad] Medgiz, 1962. 343 p.
(DNLM)

MEDICAL MYCOLOGY--TERMINOLOGY

Classification of dermatomycoses and mycological terminology. L. I. Fandeev. Vest. derm. i ven. no. 4:23-27 '62

MEDICAL PARASITOLOGY

Pavlovskii, E. N. [Handbook on human parasitology (with a theory about the vectors of transmissible diseases)] Rukovodstvo po parazitologii cheloveka (s ucheniem o perenoschikakh transmissivnykh boleznei). 5. izd., peres. i znachitel'no rasshir. onnoe, s 374 ris. v tekste. Moskva, Izd-vo Akad. nauk SSSR.
Vol. 2. 1946 521 p.
(DNLM)

MEDICAL PERSONNEL
(see also subdivision under Voronezh)

Maiskii, B. M. [Work organization for medical personnel] Organizatsiia truda meditsinskogo personala. Pod red. P. I. Kal'in. Moskva, Medgiz, 1962. 86 p.
(DNLM)

MEDICAL RADIOLOGY see Radiology, Medical

MEDICAL RECORDS

Role of records and reports in feldsher work. I. A. Belonoshkin. Fel'd i akush. 27 no. 3:44-45 Mr '62

MEDICAL SCREENING

Fluorography as a method for mass X-ray examination. A. I. Bukhman. Fel'd i akush. 27 no. 4:27-28 Mr '62

Role of an examination room in the prevention of gynecological diseases. A. I. Medvedeva. Zdrav. Ros. Feder. 6 no. 4:26-28 Ap '62.

MEDICAL SOCIETIES see subdivision under Krasnodar Kray, Orel

MEDICAL STATISTICS

Duration of patients' stay in hospitals. S. A. Pen. Zdrav. Ros. Feder. 6 no. 4:44-47 Ap '62.

Duration of patients' stay in hospitals. V. N. Ivakina, L. A. Brushlinskaia. Zdrav. Ros. Feder. 6 no. 3:48 Mr '62.

New method for standardization of the coefficients of morbidity. D. I. Mats. Vop. onk. 8 no. 3:97-102 '62

Statistical methods for measuring relations and their use in oncology. A. M. Merkov. Vop. onk. 8 no. 3:3-11 '62

MEDICINE
(see also subdivision under India, Virgin Territory)

Brief news. Biul. Uch. med. sov. 3 no. 2:45-46 Mr-Ap '62.

[Significant and jubilee dates in the history of medicine for 1962] Znamenatel'nye i iubileinye daty istorii meditsiny 1962 goda. Moskva, Medgiz, 1962. 71 p.

MEDICINE--ABSTRACTS

[Medical abstracts.] Med. ref. zhur., sect. 1 vol. 6 no. 4 '62; sect. 2 vol. 6 no. 5 My '62; sect. 3 vol. 6 nos. 3,5, Mr, My '62; sect. 4 vol. 6 no. 4 Ap '62, sect. 6 vol. 6 no. 5 My '62, sect. 7 vol. 6 nos. 3-4 Mr-Ap '62, sect. 8 vol. 6 no. 4 Ap '62; sect. 9 vol. 6 no. 4 Ap '62; sect. 10 vol. 6 no. 4 Ap '62.

MEDICINE--BIBLIOGRAPHY see Bibliography--Medicine

MEDICINE--CONGRESSES

Barsukov, M. I., ed. [All-Union scientific congresses of physicians and their importance for the practice of Soviet public health] Vsesoiuznye nauchnye s"ezdy vrachei i ikh znachenie dlia praktiki sovetskogo zdravookhraneniia. Moskva, Medgiz, 1962. 198 p.

Providing additional training for general practitioners. G. Z. Pitskhelauri, G. Sh. Kvanchakhadze. Gig. i truda i prof. zab. 4 no. 3:53-54 Mr '60

MEDICINE--DICTIONARIES

"Popular medical encyclopedia." Reviewed by G. M. Sagalov. Fel'd i akush. 27 no. 3:61-62 Mr '62.

MEDICINE--DICTIONARIES--RUSSIAN

Russian-Tajik-Latin medical dictionary. Letters L and M. By M. IA. Rasulov. Zdrav. Tadzh. 9 no. 1:insert Ja-F '62.

MEDICINE--HANDBOOKS, MANUALS, ETC.

First popular book on medicine in Russia. K. K. Stifval. Fel'd. i akush. 27 no. 3:31-34 Mr '62.

MEDICINE--PERIODICALS see subdivision under Japan

MEDICINE--PHILOSOPHY

Gurvich, S. S. [The laws and categories of dialectics and their manifestation in medicine] Zakony i kategorii dialektiki i ikh proiavlenie v meditsine. Kiev, Gosmedizdat, 1962. 244 p.

MEDICINE--STUDY AND TEACHING

Some considerations concerning better training of postgraduate students in a therapeutical clinic. I. B. Shulatko. Biul. Uch. med. sov. 3 no. 2:20-21 Mr-Ap '62.

MEDICINE, CLINICAL

Volonov, A. S. [Hospital therapy] Gospital'naia terapiia. Kiev, Gosmedizdat USSR, 1962. 522 p. (DNLM)

MEDICINE, CLINICAL—LABORATORY MANUALS

"Handbook of clinical functional tests [in German]" by A. Gitter and L. Heilmeyer. Reviewed by E. M. Tareev. Sov. med. 25 no. 1:157-158 Ja '62.

MEDICINE, INDUSTRIAL

(see also subdivision under Volgograd)

Kal'in, P. I., ed. [Medical service for workers in industrial enterprises] Meditsinskoe obsluzhivanie rabochikh promyshlennykh predpriiatii. Moskva, Medgiz, 1961. 124 p. (Peredovoi opyt organizatsii zdravookhraneniia) (DNLM)

Our consultation. Sov. profsoiuzy 18 no. 2:46-47 Ja '62.

Role of night preventoriums in health-promotion work among workers earmarked for dispensary treatment. I. A. Afanas'ev. Zdrav. Ros. Feder. 6 no. 3:10-14 Mr '62.

MEDICINE, INDUSTRIAL—BIBLIOGRAPHY see Bibliography—Medicine, Industrial

MEDICINE, INDUSTRIAL—STUDY AND TEACHING

Getsov, G. B. [Industrial practice for students of medical institutes during a six-year training program] Proizvodstvennaia praktika studentov meditsinskikh institutov pri shestiletnem obuchenii. 2 izd., dop. i perer. Moskva, Medgiz, 1962. 230 p. (DNLM)

MEDICINE, INTERNAL

Lushnikov, A. G. [Clinical aspects of internal diseases in Russia] Klinika vnutrennikh boleznei v Rossii. Moskva, Medgiz, 1962. 253 p. (DNLM)

MEDICINE, PSYCHOSOMATIC

On a nervous basis... L. I. Krinchko. Zdorov'e 8 no. 4:12-14 Ap '62.

Vangengeim, K. A. [Somatogenic psychoses] Somatogennye psikhozy. Moskva, Medgiz, 1962. 165 p. (DNLM)

MEDICINE, RURAL

(see also subdivision under Diviziya; Karachai-Cherkess Autonomous Province)

Dispensary service for the rural population. V. D. Petrunin. Fel'd. i akush. 27 no. 3:43-44 Mr '62.

Sanitary and preventive tasks for a feldsher-midwife station. M. M. Mel'nik, A. S. Anyshena. Fel'd. i akush. 27 no. 3:41-42 Mr '62.

MEDICINE, VETERINARY see Veterinary medicine

MEDICINE AND ART

Seen with the artist's eye. L. Kafanova. Zdorov'e 8 no. 3:24 Mr '62.

MEDICINE IN SPORTS see Sports medicine

MEDITERRANEAN SEA—HYDROLOGY

Preliminary results of hydrological explorations in the Mediterranean Sea made by the research ship "Akademik Kovalevskii" in 1958-1959. A. K. Bogdanova. Trudy SBS 14:334-345 '61.

MEDITERRANEAN SEA—MARINE MICROBIOLOGY

Distribution of heterotrophic bacteria in some waters of the Mediterranean Basin. M. N. Lebedeva, E. IA. Anishchenko, IU. A. Gorbenko. Trudy SBS 14:3-32 '61.

MEDICAL LAWS AND LEGISLATION

[illegible]fication of the physician is an important problem of state. V. V. Ermakov. Klin. med. no. 8 144-

[illegible]SIUM see Marrow

[illegible] subdivision under Black Sea)

[illegible]n inventor. G. Novinskii. Znan. sila 37 [illegible] p '62.

[illegible]NGALASSKIY DISTRICT—COLLECTIVE

[illegible]d ways to develop collective farm production [illegible] near the city of Yakutsk. O. S. Morozov. [illegible]AN SSSR. Ser. ekon. no. 3:43-59 '61.

FRIEDRICH, 1802-1954

[illegible]einecke and German bourgeois historicism [illegible]mary in English, p. 101]. A. I. Danilov. Nov. i [illegible]st. no. 2:43-62 '62.

[illegible]RCELAIN

[illegible]in group "Cephalus and Aurora" [with summary in French]. K. S. Butler. Trudy Gos. Erm. 6 [illegible]91 '61.

[illegible]—ORE DEPOSITS

[illegible]e deposit of Mekhmana and the project for its development. R. Kegamian. Prom. Arm. 6 [illegible]7 Mr '62.

MELAMINE

Preparation of melamine and its derivatives from dicyanodiamide in organic solvents. A. E. Kretov, Zh. V. Shmeleva. Zhur. prikl. khim. 35 no. 4:881-887 Ap '62.

MELANOMA

Medical tactics in melanoma. A. I. Paches, L. I. Churnosova. Zdrav. Tadzh. 9 no. 1:36-37 Ja-F '62.

MELEKES DEPRESSION—PETROLEUM GEOLOGY

Oil potential of the terrigenous Devonian in the western part of the Melekes Depression. A. M. Mel'nikov, E. D. Voitovich. Geol. nefti i gaza 6 no. 4:9-15 Ap '62.

MELESHCHENKO, VADIM SERGEEVICH, 1917-1961

In memory of Vadim Sergeevich Meleshchenko. V. I. Bgatov and others. Geol. i geofiz. no. 2:130-131 '62.

MELGAR, MARIANO, 1790-1815

Traditions of folk literature in Latin-American poetry during the struggle for independence. L. S. Ospovat. Izv. AN SSSR. Otd. lit. i iaz. 20 no. 2:161-165 Mr-Ap '61.

MELITOPOL'—REFRIGERATION AND REFRIGERATING MACHINERY

Freon refrigerating machinery with a capacity of 6000, 8000, and 12,000 standard kilocalories per hour. Khol. tekh. 39 no. 2:71-75 Mr-Ap '62.

MELITOPOL, BATTLE OF, 1943

A man against a tank. P. Pshenichnyi. Sov. voin. 41 no. 6:27 Mr '62.

MELITOPOL' REGION—AGRICULTURAL ADMINISTRATION

First steps of a regional administration. I. Azatskii, Zh. Tkachenko. Kommunist 38 no. 8:51-59 My '62.

MEL'NYKOV, IVAN PETROVICH

[Book reviews]. Nadezhda Pavlovich. Oktiabr' 38 no. 3:213-214 Mr '62.

MELONS

(see also subdivision under Novosibirsk Province)

Effect of ultrasound on the development of melons. N. A. Ataullaev and others. Uzb. biol. zhur. 6 no. 2:25-29 '62.

MELTING

Apparatus for growing single crystals out of a melt under pressure. A. A. Shternberg, I. P. Kuz'mina, V. A. Kuznetsov. Kristallografiia 7 no. 2:334-336 Mr-Ap '62.

Changes in the density of dislocations, rapidity of contact melting, and rate of dissolution of crystals subjected to radiation. I. G. Berzina, I. B. Berman. Kristallografiia 7 no. 2:330-332 Mr-Ap '62.

Experimental study of heat transfer during melting of a metal and in feeding the molten metal through a porous wall in supersonic flow [with summary in English]. I. A. Zotikov, L. N. Bronskii. Inzh.-fiz. zhur. 5 no. 4:10-14 Ap '62.

Theory of melting. L. A. Rott. Fiz. tver. tela 4 no. 3:577-581 '62.

MELTING POINTS

Prognosis of approximate melting points of certain alloys in the system Ni - Ti - Cr - Mo - W - Nb. F. M. Perel'man. Zhur. neorg. khim. 7 no. 4:844-849 Ap '62.

MEMOIRS see Autobiography

MEMORY

Attention and memory. I. K. IAnushevskii. Zdorov'e 8 no. 2:6-8 F '62.

MEMORY TRAINING see Mnemonics

MENDELEEV, DMITRII IVANOVICH, 1834-1907

A. I. Herzen and D. I. Mendeleev. K. M. Borisov. Vop. filos. 16 no. 4:63-69 '62.

D. I. Mendeleev and the Ural Society of Amateur Naturalists. I. I. Zhogin, V. P. Timofeev. Vop. ist. est. i tekh. no. 12:176-178 '62.

D. I. Mendeleev Museum is fifty years old. A. A. Makarenia. Zhur. VKHO 7 no. 2:222-223 '62.

D. I. Mendeleev's brief notes on Herzen's fifth and sixth "Letters on the study of nature." T. S. Kudriavtseva. Vop. filos. 16 no. 4:81-82 '62.

MENINGES—TUBERCULOSIS

ACTH in the treatment of Tuberculous meningitis and miliary tuberculosis in children. K. P. Salganik. Sov. med. 25 no. 1:137-139 Ja '62.

Bacteriological studies of the cerebrospinal fluid during the combined treatment of tuberculous meningitis in children. V. I. Ermolov. Probl. tub. no. 3:86-93 '62.

Changes in the blood vessels of the brain in tuberculous meningitis [with summary in French]. K. A. Deli. Probl. tub. no. 3:94-100 '62.

Changes in the eye in tuberculous meningoencephalitis [with summary in English]. Florentina Lascu, Maria Niculescu. Vest. oft. no. 2:35-41 '62.

Characteristics of the course of tuberculous meningitis in adults with present methods of treatment [with summary in French]. V. I. Kiricheva. Probl. tub. no. 3:28-31 '62.

Composition of the cerebrospinal fluid during treatment for tuberculous meningitis without the subarachnoid administration of medicinal substances [with summary in French]. V. A. Firsova. Probl. tub. no. 3:35-44 '62.

Content of para-aminobenzoic acid in the cerebrospinal fluid of children with tuberculous meningitis [with summary in French]. I. M. Mamchich. Probl. tub. no. 3:49-53 '62.

Course of tuberculosis of the lungs in tuberculous meningitis [with summary in French]. E. I. Tarasova. Probl. tub. no. 3:53-58 '62.

Dynamics of the cerebrospinal fluid in tuberculous meningitis. M. D. Popovtian. Probl. tub. no. 3:44-48 '62.

Electrophoresis of protein fractions of the blood serum, phagocytosis and tuberculin allergy in tuberculous meningitis in children. IU. S. Ivanovskii. Probl. tub. no. 1:104-111 '62.

Treatment of tuberculous meningitis in pregnant women. V. A. Gusev. Sbor. nauch. rab. Kaf. akush. i gin. GMI no. 2:72-74 '60.

Tuberculous meningitis in elderly patients [with summary in French]. L. I. Glonti. Probl. tub. no. 3:31-35 '62.

Vitamin B_1 metabolism in children with tuberculous meningitis. T. O. Motuz. Ped., akush. i gin. 23 no. 6:12-15 '61.

MENINGITIS

Vainshtein, I. G., and N. I. Grashchenko. [Meningitides] Meningity. Moskva, Medgiz, 1962. 222 p. (Biblioteka prakticheskogo vracha) (DNLM)

MENOPAUSE

Hormonal disturbances in climacteric metropathy. A. F. Dobrotina. Sbor. nauch. rab. Kaf. akush. i gin. GMI no. 2:99-101 '60.

MENSTRUATION

Vicarious menstruation [with summary in English]. E. I. Kvater. Sov. med. 25 no. 1:77-80 Ja '62.

MENSURATION

Normal law for the distribution of measurement errors. G. S. Simkin. Izm. tekh. no. 4:3 Ap '62.

The second conference on precision, interchangeability, and technical measurements in the manufacture of machinery. Izm. tekh. no. 4:1-2 Ap '62.

MENSURATION—ABSTRACTS

[Measurement techniques] Ref. zhur. Otd. vyp. 32: Izm. tekh. nos. 9-10 Mr-My '62.

MENSURATION—BIBLIOGRAPHY see Bibliography—Mensuration

MENTAL CHRONOMETRY see Time perception

MENTAL ILLNESS

"Social class and mental illness [in English]" by A. Hollingshead and F. Redlich. Reviewed by A. Rapoport. Zhur. nevr. i psikh. 62 no. 1:150-154 '62.

MENTAL INSTITUTIONS see Psychiatric hospitals

MENTHOL

Preparation and research on validol tablets. S. M. Makhamov. Apt. delo 11 no. 1:57-59 Ja-F '62.

MEPROBAMATE

Use of a new preparation, ataractic andaxin, in obstetrics and gynecology. M. S. Baksheiev and others. Ped., akush. i gin. 23 no. 6:35-39 '61.

MERCANTILE BUILDINGS

Cooperative building. V. Pozdniakov, A. Leshchinskii. Sov. torg. 35 no. 4:53 Ap '62.

MERCAPTO GROUP

Sulfhydryl groups in the blood serum in silicosis. A. IA. Shurygin. Sov. zdrav. Kir. no. 1:17-19 Ja-F '62.

MERCHANT MARINE

Follow-up of published material. Mor. flot 22 no. 4:47 Ap '62.

Improve the development of standardization in the merchant marine. Standartizatsiia 26 no. 4:52-53 Ap '62.

MERCHANT MARINE—COST OF OPERATION

Method of determining the cost of freight and passenger transportation on freight and passenger ships. N. Savin. Mor. flot 22 no. 2:7-10 F '62.

Principles and methods of determining the over-all level of design and economic advantageousness of a ship's operation. L. M. Chlatov. Sudostroenie 28 no. 4:49-55 Ap '62.

MERCHANT MARINE—EQUIPMENT AND SUPPLIES

Exemplary system of supplies in material and equipment. Mor. flot 22 no. 4:45 Ap '62.

MERCHANT MARINE—EXHIBITIONS

Merchant marine at the Exhibition of the Achievements of the National Economy in 1962. Mor. flot 22 no. 4:45 Ap '62.

MERCHANT MARINE—PASSENGER TRAFFIC
Ships for rapid transportation. A. Mudolian. Rech. transp. 21 no. 9:20-24 My '62.
Ticket and cash register. IA Shkol'nikov. Rech. transp. 21 no. 8:46 My '62.

MERCHANT MARINE—TECHNOLOGICAL INNOVATIONS
Friend of new machinery and innovators. A. Temichev. Mor. flot 22 no. 4:43-44 Ap '62
With progressive workers and innovators at the "Krasnaia kuznitsa" plant. Mor. flot 22 no. 4 45-46 Ap '62

MERCHANT SEAMEN
Expand physical education and sports. Mor. flot 22 no. 7:18 L '62
Introduce new specialities rather than reduce the old. I. Garin, A. IAkushenkov. Mor. flot 22 no. 2 15 F '62.
Work organization of seamen on ships belonging to the fleet of the future. V. Gavrilov. Mor. flot 22 no. 2, 13-15 F '63.

MERCHANT SHIPS
Plan for the adoption and introduction of new equipment. Mor. flot 22 no. 4,44 Ap '62.

MERCURATION
Mercuration of 1-anthraquinonesulfonic acid. N. S. Dokunikhin, I. A. Gneva. Zhur. VKHO 7 no. 2:235-237 '62

MERCURY
(see also subdivision under Donets Basin)
Conjugated systems. Part 151. Vinylacetylene derivatives of mercury. B. D. Ralf, A. A. Petrov. Zhur. ob. khim. 32 no. 1 1095-1097 Ap '62
"Techniques of work with mercury under laboratory conditions" by P. P. Pugachevich. Reviewed by D. N. Vasilevich. Zav. lab. 28 no. 1,120 '62

MERCURY - TOXICOLOGY
Physiotherapeutic treatment of chronic mercurialism. M. A. Kazakhevich. Gig. truda i prof. zab. 4 no. 6 51 56 Je '60.

MERCURY ACETATE
Interaction of mercury acetate aqueous solution with organic sulfur compounds. Sulfides. T. A. Danilova and others. Vest. Mosk. un. Ser. 3 Khim. 17 no. 2 72 75 Mr Ap '62.

MERCURY MINES AND MINING see subdivision under Donets Basin

MERCURY ORES see subdivision under Fergana; Tien Shan

MERKURIEV, VASILII
An actor's friends of yesterday and tomorrow. S. Tikhonov. Iskusstvo kino no. 3 68 102 Mr '62

MEROMORPHIC FUNCTIONS see Functions, Meromorphic

MESENTERY
Mesenteriolum commune. S. IA. Gabai. Sov. zdrav. Kir. no. 1:56-57 Ja-F '62.

MESENTERY—BLOOD SUPPLY
Treatment of thrombosis of the mesenteric vessels. Z. K. Daptik, V. V. Zapol'skii. Nov. khir. arkh. no. 3:26-30 '62.
Use of anticoagulants in treating thrombosis of the mesenteric vessels. R. S. Ermoliuk, Ia. M. Khomiakov. Nov. khir. arkh. no. 3:74-78 '62.

MESENTERY—WOUNDS AND INJURIES
Case of subcutaneous avulsion of the mesentery of the small intestine without disorder of its integrity in a closed injury to the abdomen. I. I. Krivenko. Trudy Sempal. med. inst. 2 35-4 351 '50

MESOCAINE
Effect of local anesthetics - mesocaine and xylocaine - on oxidative processes in the rat brain tissue. M. I. Kuzhman. Farm. i toks. 25 no. 1:98-101 Ja-F '62.

MESONS
Aripov, R. A., and others. [Charge-exchange in 7 to 8 Bev. π^--mesons on protons] O perezariadke π^--mezonov s energiei 7-8 Bev na protonakh. Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 7 p. [With summary in English]
Demina, N. V., and others. [Nonobservable region in the dispersion relations for photoproduction] O nenabliudaemoi oblasti v dispersionnykh sootnosheniiakh dlia fotorozhdeniia. Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 14 p. [With summary in English]
Dzhelepov, A. F., and others. [Detection of charge-exchange in stopped π^--mesons on nuclei of bound hydrogen] Obnaruzhenie perezariadki ostanovivshikhsia π^--mezonov na iadrakh sviazannogo vodoroda. Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 4 p.
Elastic scattering of pions and nucleons at high energies [with summary in English]. D. I. Blokhintsev. Zhur. eksp. i teor. fiz. 42 no. 3:880-881 Mr '62.
Gravitational masses of K^0 and $\bar{K}^0$ mesons [with summary in English]. F. O. Okonov, M. I. Podgoretskii, O. A. Khrustalev. Zhur. eksp. i teor. fiz. 42 no. 3 770-771 Mr '62.
High energy fragments emitted in the absorption of a slow π^--meson by an O^{16} nucleus [with summary in English]. A. T. Vasilenko. Zhur. eksp. i teor. fiz. 42 no. 3,725-726 Mr '62.
Measurement of the total cross sections of (π^- p)-reactions, in which the π^--mesons have an energy of 340 Mev. T. D. Blokhintseva and others. Zhur. eksp. i teor. fiz. 42 no. 3:912-913 Mr '62
μ-Meson beams in extensive air showers [with summary in English]. S. N. Vernov and others. Zhur. eksp. i teor. fiz. 42 no. 3,758-760 Mr '62.
Search for the D^1-meson. B. A. Nikol'skii and others. Zhur. eksp. i teor. fiz. 42 no. 3 915-916 Mr '62
Study of some inelastic p-n-interactions at an energy of 9 Bev. V. A. Botvin. Trudy Inst. fiz. AN Kazakh SSR 5:3-15 '62.
Total cross sections of π^--meson and proton interaction at high energies [with summary in English]. A. S. Vovenko and others. Zhur. eksp. i teor. fiz. 42 no. 3 715-720 Mr '62

MESONS—DECAY
Dunaitsev, A. F., and others. [Probability of the decays $\pi^+ \to \pi^0 + e^+ + \nu$ and $\pi^+ \to \gamma + e^+ + \nu$] O veroiatnosti raspadov $\pi^+ \to \pi^0 + e^+ + \nu$ i $\pi^+ \to \gamma + e^+ + \nu$. Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 6 p. [With summary in English]
Dunaitsev, A. F., and others. [Testing the conservation of vector current] Proverka sokhraneniia vektornogo toka. Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 6 p. [With summary in English]

MESOPOTAMIA—MATHEMATICS
Mathematics in Mesopotamia in the light of economic documents. R. S. Razdymakhin. Ist.-mat. issl. 2:129-147 '61.

METABOLISM
Effect of the spleen on some metabolic processes under normal physiological and pathological conditions [with summary in English]. I. I. Geller. Vop. med. khim. 8 no. 2:159-163 Mr-Ap '62.
Energy consumption in boarding school students in pioneer camps [with summary in English]. V. V. Mikalimov. Gig. i san. 26 no. 5 33-37 My '61
Measurement of energy spent by cattle in feeders in the east Pamirs. F. T. Dzhumaev. Zdrav. Tadzh. 8 no. 1 47 Ja-F '63.

METAL CASTINGS - DEFECTS
Remarks on the theory of hot crack formation. P. I. Mukarov. Lit. proizv. no. 1:45 Ap '62.

METAL CLEANING
Chemical cleaning of metal surfaces by sand blasting. B. A. Baberin, S. D. Beskov, I. P. Zaitsev. Uch. zap. MGPI no. 146 11-61 '60

METAL CRYSTALS - GROWTH
Oriented growth of metal and ionic crystals. I. I. Papirov, I. S. Palatnik. Kristallografiia 7 no. 2:286-290 Mr-Ap '62.

METAL CUTTING
All-Union seminar on the use of explosion power in metal cutting. M. V. Barabanov. Mashinostroenie no. 2:42 Mr Ap '62.
Dolmatovskii, G. A. [Manual for specialists in metal cutting] Spravochnik tekhnologa po obrabotke metallov rezaniem. 3. izd., perer. Moskva, Mashgiz, 1962. 1235 p.
Effect of the rigidity of a technological system on the wear of metal cutting tools. P. A. Korablev, V. M. Surnin. Trudy MATI no. 52:45-51 '61.
Introduction of the multiple machining of parts. A. K. Plakida, V. I. Logachev, M. R. Blinfeder. Mashinostroenie no. 2:3-9 Mr-Ap '62.
Machining parts of gyroscopic instruments. Av. prom. 28 no. 8:07 101 Ag '57.

METAL CUTTING—EQUIPMENT AND SUPPLIES
Modernization of the ASSH-3 machine. A. I. Fedkin, A. M. Loshakov. Svar. proizv. no. 1:39 Ap '62.

METAL CUTTING—STANDARDS
Moscow, TSentral'noe biuro promyshlennykh normativov po trudu. [General time norms used in the machinery industry for technical standardization of machining processes on planing slotting machines; small lot and piece production] Obshchemashinostroitel'nye normativy vremeni dlia tekhnicheskogo normirovaniia rabot na strogal'nykh i dolbezhnykh stankakh; melkoseriinoe i odnichnoe proizvodstvo. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1962. 47 p.

METAL CUTTING, ELECTRIC see Electric metal cutting

METAL-CUTTING TOOLS
(see also subdivision under Ukraine)
New method for designing chamfered cones for hobbing cutters. V. S. Severilov. Mashinostroenie no. 2:21-23 Mr-Ap '62.
Rodin, P. R. [Design and manufacture of metal-cutting tools] Proektirovanie i proizvodstvo rezhushchego instrumenta. Moskva, Mashgiz, 1962. 254 p.

METAL-CUTTING TOOLS—MAINTENANCE AND REPAIR
Makarevich, B. K., V. M. Mikheev, and V. I. Tikhvinskii. [Reconditioning metal-cutting tools] Vosstanovlenie rezhushchego instrumenta. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1948. 174 p.

METAL-CUTTING TOOLS—PATENTS
Cutter head for pipe beveling. A. V. Abramov. Biul. TSNICHM no. 10:11 '60.

METAL IMPLANTS see Internal fixation of fractures

METAL INDUSTRIES—COSTS see subdivision under Leningrad

METAL IONS
Studying the isomorphous features of Fe^{3+} ions in andalusite by the paramagnetic resonance method. V. M. Vinokurov and others. Kristallografiia 7 no. 2:316-320 Mr-Ap '62.

METALLIC FILMS
Electron diffraction studies of the condensed metal film substructure. M. IA. Fuks, B. T. Boiko. Zav. lab. 28 no. 3 300-305 '62.
Properties and microstructure of thick anodic films on aluminum. F. P. Zaitsev, M. N. Tikina, N. D. Tomashov. Zhur. VKHO 7 no. 2:235-236 '62.
Two-stage method of preparing silver-coal films for electron microscopy. G. F. Dorovskii. Avtom. svar. 15 no. 5:93-94 My '62.

METALLIC OXIDES
Heats of reaction of oxides and hydroxides of the zinc subgroup elements with solutions of perchloric and hydrohalide acids. V. A. Matyshova, I. R. Gorfinina. Zhur. neorg. khim. 7 no. 3:732-736 Ap '62.
Interaction of oleic and stearic acids with metal oxides. I. T. Turanenko. Zhur. prikl. khim. 35 no. 4 922-924 Ap '62.

METALLIC OXIDES—THERMAL PROPERTIES
Determination of thermodynamic constants of substances on the basis of their order number in D. I. Mendeleev's Periodic System. N. G. Klimchikov. Uch. zap. MGPI no. 146 228-233 '60

METALLOGRAPHY
Equipment for the metallography of large metal products in shop conditions [from "Metal Progress," no 6, 1959]. S. D. Berk. Biul. TSNICHM no. 10 59-60 '60
"Experimental study on the movement of dislocations in metals" by O. I. Mgebrian. Reviewed by N. Manukian. Prom. Arm. 5 no. 3:71-73 Mr '62.
Interrelationship of physical heterogeneity with hot cracks in welded joints. B. A. Movchan. Svar. proizv. no. 4: 6-8 Ap '62.
Nature of the white layer on friction surfaces. V. A. Klalik. Tren. i izn. mash. no. 15, 178-197 '62.
Structure of white layers. B. D. Grozin, V. I. IAnkevich. Tren. i izn. mash. no. 15 167-177 '62.

METALLO-ORGANIC COMPOUNDS see Organometallic compounds

METALLURGIC CHEMISTRY see Chemistry, Metallurgic

METALLURGICAL ANALYSIS
Exchange of experience. Zav. lab. 28 no. 3:290 '62.

METALLURGICAL FURNACES
Krivoy Rog Copper Smelting Combine reverberatory furnace is thirty years old. V. A. Artemov. TSvet. met. no. 3, 31-33 Mr '62.
Suspension of stack furnace operations for an extended time without blowing out. B. N. Zakharov. TSvet. met. 35 no. 4:03-04 Ap '62.

METALLURGICAL PLANTS—DESIGN AND CONSTRUCTION
No cupola furnaces should blacken the Moscow sky. P. Semenov. Okhr. truda i sots. strakh. 5 no. 4 23-25 Ap '62.

METALLURGICAL PLANTS—EQUIPMENT AND SUPPLIES
(see also subdivision under United States)
Sokolov, K. N. [Mechanization and automatic control in heat treatment plants] Mekhanizatsiia i avtomatizatsiia v termicheskikh tsekhakh. Moskva, Mashgiz, 1962. 394 p.
Troianov, P. M., and I. G. Lazaridi. [Mechanization and automatic control at the Mirgalimsay Ore Dressing Plant] Mekhanizatsiia i avtomatizatsiia na Mirgalimsaiskoi obogatitel'noi fabrike. [Alma-Ata] TSentr. in-t nauchno-tekhn. informatsii, 1960. 12 p. [MICROFILM]

METALLURGICAL RESEARCH
Trends in research carried out by the Central Design Office of the State Institute of Nonferrous Metals. M. M. Lakornik, G. I. Glushkov. TSvet. met. 35 no. 4: 1-3 Ap '62.

METALLURGY—ABSTRACTS
[Metallurgy] Ref. zhur.: Met. nos. 4-5 Ap-My '62.

METALLURGY—BIBLIOGRAPHY see Bibliography—Metallurgy

METALLURGY—HYGIENIC ASPECTS
Possibility of using the SIB-1 "Lepestok" respirator in nonferrous metallurgical enterprises. N. S. Pakhotina, K. V. Lebedeva, A. F. Soklakov. Zdrav. Kazakh. 22 no. 2:61-63 '62

METALS
Akademiia nauk URSR, Kiev. Instytut metalokeramiky i spetsial'nykh splaviv. [Surface phenomena in metals and alloys and their role in powder metal processes] Poverkhnostnye iavleniia v metallakh i splavakh i ikh rol' v protsessakh poroshkovoi metallurgii. Kiev, Izd-vo Akad. nauk USSR, 1961. 213 p.
Kirko, I. M. [Study of electromagnetic properties in metals by dimensional and similitude methods] Issledovanie elektromagnitnykh iavlenii v metallakh metodom razmernosti i podobiia. Riga, Izd-vo Akad. nauk Latviiskoi SSR, 1959. 184 p.
(RPB)

METALS—ANALYSIS
Analysis of impurities in refractory alloys based on nickel, cobalt, iron, and chromium [with summary in English]. Z. S. Mukhina, I. A. Zhemchuzhnaia, G. S. Kolova. Zhur. anal. khim. 17 no. 2:170-173 Mr-Ap '62
Cementation method used for the concentration and determination of microquantities of some metals. S. L. Dobychin, V. B. Aleskovskii. Trudy LTI no. 48:45-48 '58.
Concentration and polarographic determination of extra-small amounts of copper, lead, and zinc in natural waters. S. L. Dobychin, I. A. Kedrinskii. Trudy LTI no. 48:48-55 '58.
Detection of cadmium ions in the mixture of cations of the IV[th] analytical group. S. M. Efros. Trudy LTI no. 48:187-190 '58.
Determination of micrograms of lead, copper, and silver in natural waters after concentration by the method of coprecipitation with calcium carbonate. A. D. Miller, R. I. Libina, Z. N. Nazarova. Trudy LTI no. 48:109-118 '58.
Electric analyzer. IUn. tekh. 6 no. 3:76 Mr '62
Quantitative determination of some rare elements by means of α-naphthalenesulfinic acid. D. I. Kuznetsov, I. P. Alimarin. Izv. vys. ucheb. zav., khim. i khim. tekh. 5 no. 1:26-30 '62.
Some problems involved in polarographic analysis on solid electrodes. Report No. 2: Determination of certain elements and change of electrode properties during the formation of surface compounds. I. A. Kedrinskii. Trudy LTI no. 48:86-92 '58.
Use of metallic magnesium in the analysis of cations of the first three analytical groups. A. N. Agte. Trudy LTI no. 48:101-104 '58
Use of radiotracers in the study of the electrolytic separation of metals on a nickel cathode. R. D. Zhitkov, I. A. Kedrinskii. Trudy LTI no. 48:197-203 '58.

METALS—BRITTLENESS
Determining deformations developing during the metal cooling process in the brittleness temperature range. V. S. Ignat'eva, Iu. V. Subbotin. Svar. proizv. no. 4 28-30 Ap '62.

METALS—CLASSIFICATION
Metal classification. N. V. Korovin. Izv. vys. ucheb. zav.; tsvet. met. 3 no. 2:50-53 '60.

METALS—ELECTRIC PROPERTIES
Magnetism and the electrical conductivity of metals. S. V. Vonsovskii. Usp. fiz. nauk 78 no. 3:467-497 Mr '62.

METALS—EXTRUSION see Extrusion (Metals)

METALS—FINISHING
Use of ball burnishing in the finishing of apertures of hydraulic turbine parts. E. K. Melikhan. Energomashinostroenie 8 no. 4:31-32 Ap '62.

METALS—HARDENING
Resistance of metals and alloys to small plastic deformations. A. G. Rakhshtadt, M. A. Shtremel'. Metalloved. i term. obr. met. no. 4:22-27 Ap '62

METALS—HEAT TREATMENT
Electronic device for controlling cyclic heat treatment. Iu. G. Bystrov, Iu. I. Paskal'. Priborostroenie no. 3: 26-27 Mr '62.
Sokolov, K. N. [Mechanization and automatic control in heat treatment plants] Mekhanizatsiia i avtomatizatsiia v termicheskikh tsekhakh. Moskva, Mashgiz, 1962. 294 p.

METALS—HYDROGEN CONTENT
Study of the absorption of hydrogen by metals on the basis of electrical-resistance measurement. V. V. Kuznetsov, V. A. Frolov. Zhur. prikl. khim. 35 no. 3 582-587 Mr '62.

METALS—PICKLING
Removing scale with pickling pastes. P. F. Kaliuzhnaia, A. I. Lisogor. Mashinostroenie no. 2:76-79 Mr-Ap '62.

METALS—SPECTRA
Effect of sodium, nickel, and magnesium on the relative intensity of analytical pairs of lines Mn-Fe, Mn-Cu, and Cr-Cu [with summary in English]. G. V. Ovechkin. Zhur. anal. khim. 17 no. 2:159-165 Mr-Ap '62.

METALS—TESTING
Conference on the strength of metal and joints in metal constructions. A. A. Bat', L. T. Timoshuk. Zav. lab. 28 no. 3:388-390 '62
Correlation between the resistance in abrasion wear and the strength of metals. M. M. Khrushchov. Zav. lab. 28 no. 3:351-356 '62
Determining relative wear resistance of deposits built-up by the T-590 electrode with various coating on the laboratory testing machine "rotating bowl". D. S. Berkovich and others. Trud. i izv. mash. no. 15 31-46 '62.
Investigating antifriction properties of the AG1500-B83 and AG1500-Cu graphitized materials working under nonlubricated friction conditions. S. F. Ponarev, A. A. Kulibakh, V. A. Dzhonson. Metod. issp. det. i mat. mash. i prib. no. 1 35-46 '61

METALS—TOXICOLOGY
Diagnostic significance of the value of the coefficient of insufficient oxidation during the action of heavy metals [with summary in English]. A. IU. Tillis, Kh. IA. Vengerskaia, N. E. Stepovaia. Gig. truda i prof. zab. 6 no. 3, 30-34 Mr '62

METALS—WELDING
Mechanical strength of metals during the crystallization process in welding. N. N. Prokhorov. Svar. proizv. no. 4 1-5 Ap '62.

METALS, EFFECT OF RADIATION ON
Changes in the density of dislocations, rapidity of contact melting, and rate of dissolution of crystals subjected to radiation. I. G. Berzina, I. B. Berman. Kristallografiia 7 no. 2:330-332 Mr-Ap '62.
Effect of nuclear radiation on ferrates. M. A. Nizametdinova, E. M. Lobanov. Izv. AN Uz. SSR Ser. fiz.-mat. nauk 6 no. 1:45-48 '62

METALS, EFFECT OF TEMPERATURE ON
Change in the properties of low carbon steel in response to long heating. I. A. Oding, P. V. Zubarev. Dokl. AN SSSR 143 no. 5:1082-1084 Ap '62.
Effect of aging conditions on the amount of residual austenite in fuel system equipment parts. IU. I. Kheifets, I. V. Oryshich. Metalloved. i term. obr. met. no. 1:59-61 Ap '62
Effect of the drawing temperature on the mechanical properties of steel wire [from "Stahl und Eisen," no. 20, 1959]. S. A. Morozov. Biul. TSIICHM no. 9 59-61 '60.

METALS, GASES IN see Gases in metals

METALS, RARE AND MINOR
(see also subdivision under Alakurtti region, Caucasus, Northern; Deras-Yurega Valley; Transbaikalia)
Analyses of minerals containing rare elements carried out by the Chemical Laboratory of the Institute of Mineralogy, Geochemistry, and Crystallochemistry of Rare Elements of the Academy of Sciences of the U. S. S. R., 1951-1957. V. S. Saltykova. Trudy Inst. min., geokhim. i kristallokhim. red. elem. no. 2:189-208 '59.
Some problems of the behavior of rare and trace elements in the process of sedimentation. V. N. Kholodov. Trudy Inst. min., geokhim. i kristalokhim. red. elem. no. 2:19-48 '59.

METALS AT HIGH TEMPERATURES
Dynamic compression of porous metals and the equation of state with variable specific heat at high temperatures [with summary in English]. S. B. Kormer and others. Zhur. eksp. i teor. fiz. 42 no. 3:686-702 Mr '62
Microscopic investigation of palladium deformation in the process of stretching at high temperatures. M. G. Lozinskii, N. Z. Pertsovskii. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 2:136-144 Mr-Ap '62.

METALS AT LOW TEMPERATURES
Increasing nickel's resistance to creep by preliminary low-temperature (4.2°K) deformation. I. A. Gindin, IA. D. Starodubov, V. M. Azhazha. Dokl. AN SSSR 143 no. 6:1325-1327 Ap '62.

METALWORK
(see also subdivision under Asia, Central; Mirgalimsay region)
Beliakov, V. I. [Stamping on special equipment] Shtampovka na spetsial'nom oborudovanii. Pod red. A. S. Kon'kova. Moskva, Mashgiz, (Nauchno-populiarnaia biblioteka rabochego kuznetsa, no. 13)
Burnishing taper pins. Av. prom. 26 no. 8:77-78 '57.
Pul'tsin, N. M. [Titanium alloys and their use in the machinery industry] Titanovye splavy i ikh primenenie v mashinostroenii. Moskva, Mashgiz, 1962. 166 p.
Solomka, IA. F. [Manufacture of bimetallic parts] Proizvodstvo dvukhsloinykh detalei. Moskva, Mashgiz, 1962. 116 p.

METALWORK—STANDARDS
List of all-Union state standards for products of ferrous metallurgy enterprises approved in 1959 by the Committee of Standards. Biul. TSIICHM no. 10:29 '60.

METALWORKING MACHINERY
Dudnik, P. A. [Burnishing and flattening tools and mandrels] Obkatki, raskatki i dorny. Moskva, Mashgiz, 1962. 73 p.
Modernization of turning lathes. M. IA. Chupriakov. Sudostroenie 28 no. 3:54 Mr '62

METAMORPHISM (GEOLOGY)
(see also subdivision under Noril'sk region, Ural Mountains)
Magnetization and chemical composition of basic effusives of different age in some mobile belts and platforms, comparative magneto-petrochemical characteristics of the primary metamorphism of basic effusives. A. G. Komarov. Sov. geol. 5 no. 4:77-92 Ap '62
Metamorphism in ores of the Zgid lead-zinc deposit. I. I. Savenkova, A. I. Mansurovskii. Izv. vys. ucheb. zav.; tsvet. met. 3 no. 2, 3-5 '60.

METAPHOR
The use of metaphors as a determinant of Shakespeare's individual style. A. L. Grechanyi. Vest. Mosk. un. Ser. 7. Filol., zhur. 17 no. 2:46-58 Mr-Ap '62.

METASOMATISM
Processes of high-temperature postigneous metasomatosis in granitoids. A. A. Beus, N. E. Zalmshkova. Izv. AN SSSR. Ser. geol. 27 no. 4:13-31 Ap '62

METEOROLOGICAL OPTICS see subdivision under Soviet Central Asia

METEOROLOGY
(see also subdivision under Antarctic regions; Shakhimardan Valley)
Forty years of Soviet meteorology and agrometeorology. A. Shul'gin. Vest. sel'khoz. nauki 7 no. 1:153-155 Ja '62
M. V. Lomonosov's contribution to meteorology and hydrology. I. A. Fedoseev. Vop. ist. est. i tekh. no. 12 148-150 '62.

METEOROLOGY—OBSERVATIONS
Vertical currents in the intensive cyclogenesis of October 1-3, 1953. A. D. Dzhuraev, M. N. Morozova. Izv. AN Uz. SSR, Ser. fiz.-mat. nauk 6 no. 1,60-73 '62.

METEOROLOGY, AGRICULTURAL
(see also subdivision under Uzbekistan)
Forty years of Soviet meteorology and agrometeorology. A. Shul'gin. Vest. sel'khoz. nauki 7 no. 1:153-155 Ja '62.

METEOROLOGY, AGRICULTURAL—STUDY AND TEACHING see subdivision under Ukraine

METEOROLOGY, MILITARY
Meteorological support of artillery fire. P. Dolgov, V. Shevkunov. Voen. vest. 41 no. 3 73-75 Mr '62.

METEORS
Effect of diffusion on radio echo measurements of meteor velocities [with summary in English]. B. S. Dudnik, B. L. Kashcheev, V. N. Lebedinets. Issl. ionosf. i met. no. 8:21-25 '62.
Meteor observations in Ashkhabad [with summary in English]. A. T. Belous and others. Issl. ionosf. i met. no. 8 64-71 '62
Meteor observations in Dushanbe [with summary in English]. P. B. Bubadzhanov, A. M. Bakhtiev, L. N. Rubtsov. Issl. ionosf. i met. no. 8 56-63 '62.
Meteor photometry [with summary in English]. E. V. Sandakova. Issl. ionosf. i met. no. 8, 72-74 '62.
Observation of a fireball in Kiev. A. K. Osipov, N. A. Chernega. Astron. tsir. no. 222:27 My '61.
Observation of a fireball in Kurgan. A. G. Khanzhin. Astron. tsir. no. 222:27 My '61.
Photographic observations of meteors in Kiev [with summary in English]. V. P. Konopleva. Issl. ionosf. i met. no. 8:69-71 '62.
Photographic observations of meteors in Odessa [with summary in English]. E. N. Kramer and other. Issl. ionosf. i met. no. 8:75-88 '62.
Preface. Issl. ionosf. i met. no. 8:5-6 '62.
Radio echo equipment for meteor observations in Tomsk [with summary in English]. E. I. Fialko and others. Issl. ionosf. i met. no. 8:45-50 '62.
Radio echo observations of meteor numbers in Kiev [with summary in English]. I. V. Bairachenko and others. Issl. ionosf. i met. no. 8:51-55 '62.
Radio echo observations of meteors in Kazan [with summary in English]. K. V. Kostylev. Issl. ionosf. i met. no. 8, 39-40 '62.
Radio echo observations of meteors in Kharkov [with summary in English]. B. L. Kashcheev and others. Issl. ionosf. i met. no. 8:7-20 '62.
Radio echo observations of meteors in Tomsk [with summary in English]. E. I. Fialko and others. Issl. ionosf. i met. no. 8:41-44 '62
Results of visual observations of meteors in the Crimea [with summary in English]. T. V. Getmanenko, A. I. Nikishkin. Issl. ionosf. i met. no. 8:102-109 '62.
Some results of visual observations of meteors in Ashkhabad [with summary in English]. Kh. D. Gul'medov. Issl. ionosf. i met. no. 8:112-118 '62.
Studying the structure of meteor showers by the radio echo method [with summary in English]. B. L. Kashcheev, V. N. Lebedinets. Issl. ionosf. i met. no. 8: 26-38 '62.

METEORS (Continued)
Taking into account the zenith distance of the radiant in determining the hourly numbers of the stream A N Simonenko. Izv AN Turk SSR Ser fiz -tekh , khim i geol. nauk no. 2 126-129 '62
Visual observations of meteors in Kiev [with summary in English] A. K Terent'eva. Issl. fenosf. i met no 6 110-111 '62
Visual observations of meteors in Simferopol' [with summary in English] I. T. Zotkin, V V. Martynenko Issl. fenosf. i met no 6 97-101 '62.

METHACRYLAMIDE
Composition and intramolecular distribution of copolymers of acrylonitrile with butylvinylsulfonate and methacrylamide. V. S. Diurnbaum, A. D. Abkin, V. S. Klimenkov. Khim. volok. no 2:10-14 '62.
Physicochemical properties of polycarbethoxyphenylmethacrylamide (PCERMA). Part 2. Comparison of the p- and o-isomers [with summary in English]. V. G. Aldoshin, S. IA. Frenkel', G. M. Chetyrkina. Vysokom. soed. 4 no. 7:207-215 F '62.

METHACRYLIC ACID
Electron microscopic study of the structure of oriented polymethylmethacrylate [with summary in English]. S. N. Zhurkov and others. Vysokom soed 1 no. 2:282-284 F '62
Investigating butyl methacrylate and epoxide enamel coatings under conditions of high humidity and high temperature. M. I. Kartashkina, S. V. IAkubovich Lakokras. mat. i ikh prim. no. 1, 19-23 '62.

METHANE
Interaction of atom pairs and properties of X-substituted methane compounds and their radicals. III. G. Papulov. Dokl AN SSSR 143 no. 6:1395-1398 Ap '62
Sanitary control of vegetables and fruits treated with methyl bromide gas. V. D. Eremenko, F. M. Mirochnik, K. F. Spirina. Gig. i san. 27 no. 3 59-63 Mr '62.
Study of the initial stage of the process of methane conversion at high pressure. A. G. Leibush, E. D. Shorina. Khim. prom. no. 3, 159-165 Mr '62.

METHANOL
Amount of methyl alcohol in wines. L. S. Feklisova, A. S. Kolbasina Gig. i san 26 no. 5:109-112 My '61
Beware of methyl alcohol. A. Kozlova. Okhr. truda i sots. strakh. 5 no. 4, 30 Ap '62.
Interaction of β-hydroxy aldehydes with methyl alcohol. T. I. Temnikova, N. A. Oshueva. Zhur. VKHO 7 no. 2, 233-234 '62.
Solubility of ethylene in methanol at low temperatures. E. B. Shenderei, IA. D. Zel'venskii, E. P. Ivanovskii. Zhur. prikl. khim. 35 no. 3:680-683 Mr '62.
Ultrasonic method used for determining small amounts of water in methanol. E. V. Khamskii and others Zav lab. 28 no. 3:312-313 '62.

METHYL ORANGE
Kinetics of the catalyzed oxidation of methyl orange by hydrogen peroxide. V. V. Budanov. Izv. vys. ucheb. zav., khim. i khim. tekh. 5 no. 1:47-53 '62.

METHYLENE BLUE
Dependence of the activity of some dehydrogenases of dysenteral bacteria on the concentration of methylene blue in experiments after Tunberg. D. D. Molnik. Mikrobiol. zhur. 23 no. 6:45-48 '61.
Use of the methylene blue test for diagnosing amyloidosis. Kh. Sukiasian. Klin. med. no. 6:123-126 '61.

MEXICO—AGRICULTURE—ECONOMIC ASPECTS
Agricultural economics of Mexico. I. Kuvshinov. Tkon. sel'khoz 33 no. 2:120-123 F '62

MEXICO—GAS, NATURAL—PIPELINES
Crossings in the Mexican gas pipeline. A. P. Bunin. Stroi. truboprov. 6 no. 11:30 N '61.

MEZ'ER, AVGUSTA VLADIMIROVNA, 1869-1935
Mashkova, M. V. [A. V. Mez'er, 1869-1935; a study of her life and activities] A. V. Mez'er, 1869-1935; ocherk zhizni i deiatel'nosti. Pod red. i so vstup. stat'oi P. N. Berkova. Moskva, Izd-vo Vsos. knizhnoi palaty, 1962. 94 p. (Deiateli knigi)

MICA
Methodology for measuring the loss angle and dielectric permeability of mica materials at high temperatures N. M. Vakser, U. Shun'-tszin' [Wu Shun-chin], A. V Tolvinskaia. Izv. vys. ucheb. zav., energ. 5 no. 3:24-27 Mr '62.

MICROBIOLOGICAL SOCIETIES
Activity of the Ukrainian Republic Scientific Society of Epidemiologists, Microbiologists and Infectious Disease Specialists. IU. E. Birkovskii. Zhur. mikrobiol., epid. i immun. 33 no. 3:157-158 Mr '62.

MICROBIOLOGY
"Microbiology" by A. IA. Pankratov. Reviewed by M. A Agul'nik. Veterinariia 37 no. 8:88-89 Ag '60.
[Multivolume manual on the microbiology, clinical aspects, and epidemiology of infectious diseases] Mnogotomnoe rukovodstvo po mikrobiologii klinike i epidemiologii infektsionnykh boleznei. Otv. red. N. N. Zhukov-Verezhnikov. Moskva, Medgiz.
Vol. 1. [General microbiology] Obshchaia mikrobiologiia. Otv. red. N. N. Zhukov-Verezhnikov. 1962. 703 p.
(DNLM)
Principal tasks of microbiology in light of the decisions of the 22d Congress of the CPSU. Mikrobiol. zhur. 23 no. 6, 1-4 '61.
Tasks of agricultural microbiology E. F. Berezova Vest sel'khoz. nauki 7 no 1 10-14 Ja '62

MICROBIOLOGY—BIBLIOGRAPHY see Bibliography—Microbiology

MICROBIOLOGY—CONGRESSES
Brief news. V. I. Vashkov Zhur mikrobiol., epid. i immun 33 no. 3 155-157 Mr '62.

MICROBIOLOGY—PERIODICALS
Development of Ukrainian microbiology. S. S Diachenko. Mikrobiol. zhur. 23 no. 4:63-67 '61.

MICROBIOLOGY—STUDY AND TEACHING
Cheremisinov, N. A., L. I. Boeva, and O. A. Semikhatova. [Practical training work in microbiology] Praktikum po mikrobiologii. Pod red. N. A. Cheremisinova Moskva, Gos izd-vo "Vysshaia shkola," 1961. 110 p.

MICROCLIMATOLOGY
(see also subdivision under Shakhimardan Valley)
Investigating the microclimate of mines and thermal conditions of the Sadon Mine G. V. Duganov Izv vys ucheb. zav.; tsvet. met 3 no. 2:14-20 '60.
Phytoclimatological characteristics of even-aged pine plantations of various densities A. M. Pinchuk, L. P. Rysin. Trudy Inst. lesa i drev. 50, 99-103 '61

MICROLITE
Precise data on the structural of bismutomicrolite. N. P. Zalashkova. Trudy Inst min , geokhim i kristallokhim. red. elem. no. 2:187-188 '59

MICROMETER
Determining the measuring power of micrometer devices. A. I Suvorov. Izm. tekh. no. 4 8-9 Ap '62

MICRO-ORGANISMS
Effect of fixed nitrogen compounds on the nitrogen-fixing activity of nodule bacteria [with summaries in English, German, and French]. I. V. Kozlov. Vest sel'khoz. nauki 7 no. 2:49-54 F '62.
Method for the quantitative determination of urease activity in micro-organisms [with summary in English] V. A Prudkin. Zhur. mikrobiol , epid. i immun. 33 no. 3:42-46 Mr '62.
Principal course of the synthesis of oligo- and polysaccharides by micro-organisms. S. I. Novykova. Mikrobiol. zhur. 23 no. 4, 58-62 '61.
Variability of some micro-organisms under the influence of the mud from Lake Balpash-Sor. Report No. 1 Variability in the case of immediate introduction of micro-organisms in mud substratum E. L. Svechnikova, M. Kh. Shigaeva. Trudy Inst. mikrobiol. i virus. AN Kazakh. SSR 5:90-97 '61
Variability of some micro-organisms under the influence of the mud from Lake Balpash-Sor Report No. 2. Variability of micro-organisms by introducing them in mud substratum in cellophane bags E. L. Svechnikova, M. Kh Shigaeva. Trudy Inst. mikrobiol. i virus. AN Kazakh. SSR 5:98-103 '61.

MICRO-ORGANISMS, NITROGEN-FIXING
Fixation of molecular nitrogen by acellular extracts of micro-organisms. L. I. Rubenchyk. Mikrobiol. zhur. 23 no. 6:66-68 '61.
Influence of nitrogen fertilizers and straw on the effectiveness of treating sainfoin seeds with nitragin E. K. Sharova. Trudy Vses. inst sel'khoz. mikrobiol no 11 242-251 '58.

MICRORADIOGRAPHY
Easy method for ultraviolet microradiation of organella in live cells. A. P. Dubrov. TSitologiia 1 no. 1:88-90 Ja-F '62.

MICROSCOPY—TECHNIQUE
Quick method for preparing gamasid mites for microscopic slides. L. A. Tervit-Gontar', F. A. Bairit. Sov zdrav. Kir. no. 1:59 Ja-F '62.
Use of media which operate to improve the microscopic image in the study of plant cells in vivo. V IA. Alekandrov TSitologiia 4 no. 1, 84-88 Ja-F '62

MICROSPORIDIA see subdivision under White Russia

MICROWAVE AMPLIFICATION BY STIMULATED EMISSION OF RADIATION see Masers

MICROWAVE COMMUNICATION SYSTEMS
High frequency communications with travelling electric cranes V. IA. Kozhukh. Biul. TSIICHM no. 9:44-45 '60.

MICROWAVE TUBES
Choice of the shape of collector electrodes for O-type electron-beam devices operating with recuperative electron energies. V. P. Tarasenko, M. V Derenovskii Izv. vys. ucheb. zav., radiotekh. 4 no. 6, 719-721 N-D '61.
Traveling-wave tubes operating as detectors and mixers at microwave frequencies. M. N. Deviatkov, A. I. Kostienko, E. IA. Miasoedov. Radiotekh. i elektron. 7 no. 5:836-843 My '62.

MICROWAVES
Interaction of an electron flow having two speeds with the high-frequency field of a delay line I. K Vikulov, A. B Tager Radiotekh i elektron. 7 no 5 826-837 My '62
Problem concerning the bilateral evaluation of the natural frequencies of hollow electromagnetic resonators V V Nikol'skii Radiotekh i elektron. 7 no 5 907-911 My '62
Reflex klystron as a wave guide amplitude and phase modulator at microwave frequencies IA L Shamfarov Radiotekh. i elektron 7 no 5 844-850 My '62
Simulation of the spectrum of the spatial harmonics of the high-frequency field of periodic structures. G M Gershtein, V V. Lalov, V A Pavliuchuk Radiotekh. i elektron. 7 no 5 816-825 My '62
Stabilization of the frequency band of a microwave generator V B. Ostashevskii Izv vys. ucheb. zav., radiotekh 4 no 6 700-710 N-D '61
Thermal effects in ferrites in the presence of ferromagnetic resonance power absorption G. B Bogdanov. Radiotekh. i elektron 7 no 5 806-811 My '62.
Trajectories of electrons in magnetron-type devices G. G Monosov Radiotekh i elektron 7 no. 5-851-865 My '62.

MICROWAVES—MEASUREMENT
Method for measuring the phase velocity of slow waves. IA. L. Shamfarov Radiotekh i elektron. 7 no. 5 812-815 My '62

MICROWAVES—PHYSIOLOGICAL EFFECT
Effect of the electromagnetic field on the central nervous system. IU. A. Kholodov. Priroda 51 no. 4 101-105 Ap '62.

MICRURGY
Easy method for ultraviolet microradiation of organella in live cells. A. P Dubrov. TSitologiia 4 no 1 88-90 Ja-F '62

MIDDLE AGES
Content and methodological principles of the new textbook on the history of the Middle Ages E V. Agibalova, G M. Donskoi Prep ist. v shkole 17 no 3, 70-84 My-Je '62

MIKASHEVICHI REGION—GEOLOGY, STRUCTURAL
Morphology and some tectonic characteristics of the Mikashevichi-Zhitkovichi horst in the crystalline basement of White Russia A. M. Pap, V N Vishnevskii, A IA Zingerman. Dokl AN BSSR 6 no. 4 243-246 Ap '62

MIKESHIN, MIKHAIL OSIPOVICH, 1836-1896
Beauty and greatness. E Nikanorova. Neva no. 2 196-202 '62.

MIKRIUKOV, VASILII EMEL'IANOVICH, 1904-1962
Vasilii Emel'ianovich Mikriukov, obituary. Inzh.-fiz. zhur. 5 no. 4:143 Ap '62.

MILI STEPPE see Kura Lowland

MILITARISM see subdivision under Germany, West

MILITARY AIRPLANES see Airplanes, Military

MILITARY ARCHITECTURE
Rapport, P. A. [Sketches on the history of the military architecture of northeastern and northwestern Russia in the tenth to fifteenth centuries] Ocherki po istorii voennogo zodchestva Severo-Vostochnoi i Severo-Zapadnoi Rusi X-XV vv. Moskva, Izd-vo Akad. nauk SSSR, 1961. 245 p. (Materialy i issledovaniia po arkheologii SSSR, no. 105)

MILITARY ART AND SCIENCE—BIBLIOGRAPHY see Bibliography—Military art and science

MILITARY ART AND SCIENCE—PERIODICALS
Our readers are on the rostrum. Starsh -serzh no. 3: 20 Mr '62.

MILITARY BASES, AMERICAN see subdivision under Japan; Okinawa

MILITARY BASES, FOREIGN see subdivision under Africa

MILITARY COMMUNICATIONS see Communications, Military

MILITARY COOKERY see Cookery, Military

MILITARY DEMOLITION see Demolition, Military

MILITARY DISCIPLINE
Accuracy alone is not enough. V Tatarinov, A. Aliev, N Shkliukov. Starsh -serzh. no. 1, 30 Ja '62
Authority of the sergeant A. Sobolev. Starsh. -serzh no 1, 14-15 Ja '62
"Before the bar of public opinion." Reviewed by F. Kozlov. Voen. vest. 41 no. 3, 124-126 Mr '62.
Borisov, B. A. [The first military virtue] Pervaia voinskaia dobleat'. Moskva, Voen. Izd-vo M-va oborony SSSR, 1962. 52 p. (Biblioteka soldata i matrosa)
Creative labor of the commander. I. Mareev. Voen. vest. 41 no. 4:53-54 Ap '62.
If you sow a habit you will reap character. Starsh. -serzh. no. 2, 32 F '62.

MILITARY DISCIPLINE (Continued)

Important condition for the strengthening of discipline I Nosyr' Voen. vest 41 no 3 54-57 Mr '62

The main link. I Vlazov Sov. voin 44 no. 6 16-17 Mr '62.

This conforms to the code of disciplinary punishment Starsh -serzh. no. 3:17 Mr '62

We continue our discussion about culture. V, Bondarenko, V, Chuprin, E, Samborskii Starsh -serzh no 3,36 Mr '62

MILITARY EDUCATION
(see also subdivision under Erivan; Transcarpathia, Virgin Territory)

The foundations of the All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy are its primary organizations. L.Sorokin. Voen. znan. 38 no. 4.16-17 Ap '62.

Generosity of soul V. Tomashevskii. Voen vest. 41 no. 4.67-68 Ap '62

The guardsmen march. V. Miasnikov. Sov. voin 44 no. 8 16-17 Ap '62.

Markov, Anatolii. [Cadets and junkers; Russian cadets and junkers in peace and war] Kadety i junkera; russkie kadety i junkera v mirnoe vremia i na voine. San Francisco, Izd. Obshche-kadetskogo ob''edinenila [n.d.] 302 p.

Marvelous little chain. V. Kuznetsov Sov. voin 41 no. 6:2-3 Mr '62.

Military and patriotic training is an important task Voen znan 38 no 4:1-2 Ap '62

One who moves ahead. I.U. Efimov. Starsh -serzh no. 4:36 Ap '62

Plan of studies. How do you prepare it? A Sobolev. Starsh. -serzh no 2 16-17 F '62

Questions raised by life G. Govorukhin. Voen znan. 38 no 4-17 Ap '62

Relay race for good causes V. Khalipov. Voen vest 41 no. 4:12-13 Ap '62

Strengthen the close accord between the Communist Youth League and the All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy V. TSybyllskii. Voen. znan 38 no 4:14-16 Ap '62

The struggle for morality, for purity of soul. V. Leshukov. Starsh -serzh no 4:33 Ap '62.

Those who are rushing forward. V. Nesterov. Voen vest 41 no. 3.12-14 Mr '62.

Tutelage is unnecessary. V. Avanesov. Voen. vest. 41 no 4.66 Ap '62.

Visual aids for studying foreign armies. I. Petrov, Vodoturskii Voen. vest 41 no. 4:55 Ap '62

Work in military history among troops of the Northern Caucasus Military District. I. Pliev Voen -ist. zhur. 4 no. 1:25-34 Ja '62.

MILITARY ENGINEERING—COLD WEATHER CONDITIONS

A cross-country route is marked out A. Krivitskii. Starsh. -serzh. no. 1:17 Ja '62.

MILITARY ENGINEERS

The most important objective of military builders. Komm. Vooruzh. Sil 2 no. 6:84 Ap '62

MILITARY FIELD ENGINEERING

Engineer arrangements on the march of a tank battalion. A. Demidov, V. Gazetov. Voen vest. 41 no 3 31-33 Mr '62

Preparing routes during unfavorable weather conditions. B. Zinkovskii, M. Lazebnikov. Voen. vest. 41 no. 4: 91-93 Ap '62.

MILITARY HYGIENE

Without waiting for bath day. Starsh. -serzh. no. 1:34 Ja '62.

MILITARY LIBRARIES

MILITARY SPORTS

Under the emblem of the SKDA [Sports Committee of Friendly Armies] Sov voin 44 no 1:32-33 Ja '62.

MILITARY STANDARDS see Standards, Military

MILITARY STREAM CROSSING see Stream crossing, Military

MILITARY SUPPLIES

Ruler for facilitating calculation of a march schedule. V Kostiukhin Voen vest. 41 no 3 114-115 Mr '62.

MILITARY SUPPLIES—MAINTENANCE AND REPAIR

Special tactical exercise for an equipment maintenance unit. V. Poshekhontsev Voen vest 41 no. 3 90-93 Mr '62.

MILITARY TRANSPORTATION see Transportation, Military

MILITARY VEHICLES see Vehicles, Military

MILIUTIN, DMITRII ALEKSEEVICH, 1816-1912

Outstanding military figure of the 19th century. Voen.-ist. zhur 4 no 1:127 Ja '62

MILK—ANALYSIS AND EXAMINATION

Attacking a drop of fat. S.Konov. Znan.sila 37 no.3: 39 Mr '62

Sanitary evidence regarding milk from cows vaccinated with strain no. 19 on farms threatened by brucellosis. P. N. Diachenko. Sov. zdrav. Kir. no. 1:33-35 Ja-F '62

MILK—COMPOSITION

Content of some vitamins in the milk of camels K. T. Beatuzheva. Uch. zap Kab -Balk gos un no 8:155-159 '60.

Effect of acidophilic and lactic paste from corn on the fermentation processes in rumen N. U. Bazanova, T. U. Izmailov. Trudy Inst. mikrobiol. i virus. AN Kazakh. SSR 5:58-62 '61.

Enriching milk with iodine by feeding algae and fish meal to cows. G. P. Gurevich, N. M. Belov. Veterinariia 38 no. 1:71-72 Ja '61.

Milk of yaks, yak hybrids and its use in the U S S R. V V Ivanova. Uch. zap. Kab. -Balk. gos. un no. 8.143-154 '60.

A model farm is improving its accounting F. K. Baklanov. Uchet i fin. v kolkhoz i sovkhoz. 19 no 4:28-29 Ap '62

MILK—MICROBIOLOGY

Activating effect of products of milk protein hydrolysis formed by proteolytic strains of bacteria on the development of Str. lactis. L. A. Liberman. Mikrobiol. zhur. 23 no. 6:51-59 '61.

Improving the sanitary quality of milk under conditions of loose housing of cows. V. I. Mutovin, P. S Gromykin. Veterinariia 38 no. 1 15-17 Ja '61.

MILK—TRANSPORTATION

Demobilized tanks are used for milk transportation. P. Efimov. IUn. tekh 6 no. 3-3-4 Mr '62.

MILK, ACIDOPHILUS—PHYSIOLOGICAL EFFECT

Experimental effect of acidophil milk on certain protective functions of the organism. Report no. 1. P. V. Fedotov, A. B. Bagyshbekov. Sov. zdrav. Kir no. 1: 30-33 Ja-F '62

MILK, FERMENTED

Dietetic and medicinal sour milk products A M Skorodumova Med sestra 21 no. 4.22-28 Ap '62.

MILK, REMADE

Reconstituted milk. A. N. Zaitsev. Zdorov'e 8 no. 3: 31 Mr '62.

MILK PLANTS—EQUIPMENT AND SUPPLIES

Automatic milk reception line. L. M. Makarevich. Mekh. . 16 no. 4:10-11 Ap '62.

ment for a milking parlor and its
s. M. P. Kononenko, A. A. Ivanov.
RSR no. 3:129-131 '61.

le temperatures of slightly
ne yield of millet. I O. Kodymat-
nsuky 5 no. 3.31-33 Mr '62.

ills for ball mills. O. A. Nes-
no. 4:62-65 Ap '62.

o subdivision under Odessa

TTACHMENTS
r efficient milling of high-alloyed
Vest. mash. 42 no. 2;52-57 F

ufacture of piston rings for
I. Kutuza. Mashinostroenie no. 2:

erograph. E. D. Kochman. Izv.
i khim tekh. 5 no. 1 166-170

MINE ACCIDENTS see subdivision under Armenia

MINE BUILDINGS

Various types of foundations for buildings located above mine workings. M. Sh. Minskovskii. Shakht. stroi 6 no 4:10-12 Ap '62.

MINE COMMUNICATIONS

GSSh apparatus for loud-speaker communication on the shaft bottom. Shakht stroi 6 no. 4:3 of cover Ap '62.

Selection of an efficient TU-TS system for remote control of substations. A. F. Il'inykh Izv. vys ucheb. zav., gor zhur no 3 133-138 '61.

MINE DRAINAGE

Flow into a horizontal drain and an imperfect well situated in a bandlike anisotropic stratum Calculation of maximum waterfree yields. IU I Stkliianin, A P. Telkov. PMTF no 1 157-159 Ja-F '62

MINE DRAINAGE—COSTS

Bogdanov, G. T. [Handbook for determining the cost of drainage operations] Spravochnoe posobie dlia opredeleniia stoimosti rabot po osushen iiu. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 160 p.

MINE DUSTS
(see also subdivision under Kazakhstan, Tajikistan)

Dust control on the level of secondary breaking in hard ore mining [with summary in English] M. I. Erman. Gig. truda i prof zab. 4 no. 4:13-16 Ap '60.

Study of dust deposition in driving development workings. N. F. Grashchenkov Izv. vys ucheb. zav., gor zhur. no 3.83-88 '61.

MINE DUSTS—MEASUREMENT

FEP-B unit for measuring small concentrations of dust. Shakht. stroi. 6 no. 4:4 of cover Ap '62

MINE DUSTS—REMOVAL

Economical dust removal from gas in a centrifugal field. O. A. Bogaevskii. Trudy Sem po gor teplotekh no 3 113-118 '61

MINE FILLING

Methods of filling in cavities in open-pit operation in an area of old underground workings. B. P. Bogoliubov, A. S Khodinov. Izv vys ucheb. zav., gor. zhur 5 no. 2: 50-57 '62.

MINE FIRES see subdivision under Tekeli region (Kazakhstan)

MINE GASES—MEASUREMENT

ShGI-IV mine gas interferometer. Shakht. stroi. 6 no. 4:4 of cover Ap '62.

MINE HAULAGE
(see also subdivision under Sokolovka region, Kustanay Province)

Automatic control of car haulage along the loading tracks of suspension cableways. N. M. Moshchenko. Gor. zhur. no. 4:73 Ap '62.

Determining the limits of efficient use of railroad and truck transportation. A. E. Anpilogov. Izv. vys. ucheb. zav. gor zhur. 5 no. 2.28-35 '62.

Diesel trackless trolley truck for open-pit mines. A. S. Fidelev. Izv. vys ucheb. zav.; gor. zhur. 5 no 2 124-127 '62.

Over-all automation of mine haulage. A. V. Gudkov, F. I. Marushko, A. A. Eiter. Mekh i avtom. proizv. 16 no. 4:56-58 Ap '62.

Poliakov, N. S., and I. G. Shtokman. [Principles of theory and design of mine haulage apparatus] Osnovy teorii i raschety rudnichnykh transportnykh ustanovok. Moskva, Gosgortekhizdat, 1962. 490 p.

MINE HOISTING

Area of use of a multirope hoist in open-cut mines. A. E. Trop. Izv. vys. ucheb. zav.; gor. zhur. 5 no. 1: 179-191 '62.

Automatic scraper hoists. V. N. Makashov, V. M. Stupitskii. Mekh. i avtom. proizv. 16 no. 3-35-36 Mr '62.

Mine resistances in the operation of hoists. I. K. Khrustalev. Izv. vys. ucheb. zav., gor. zhur. 5 no. 1-165-169 '62.

Selection of efficient damping parameters for hydraulic load brakes N. R. Sulaveridze. Izv. vys. ucheb. zav.; gor. zhur. no. 3:139-142 '61.

Working capacity of a temporary cage hoist in coal mine construction. B. F. Gorbunov. Izv. vys. ucheb. zav.; gor. zhur no. 3:25-34 '61

MINE HOISTING—ELECTRIC DRIVING

Choice of a system of electric driving for multirope mine hoists. V. S. Tulin. Izv. vys. ucheb. zav., gor. zhur. 5 no 1:151-158 '62.

MINE HOISTING—EQUIPMENT AND SUPPLIES

Capacity of miners' buckets. V. V. Kochetov. Izv. vys. ucheb zav ,gor. zhur. 5 no. 1:48-49 '62.

MINE HOISTING—SAFETY MEASURES

"Rules for the technical operation of sinking hoists," Reviewed by I. I. Levikov, A. A. Markov, and S. S. Tkachev. Shakht. stroi. 6 no. 4:31-32 Ap '62.

MINE LIGHTING

Igoatenko, K. P., A. V. Dmitsev, and E. G. Veits. [Mine ventilation, lighting, fires, and rescue work] Rudnichnaia ventiliatsiia, osveshchenie, rudnichnye pozhary i gornospasatel'noe delo. Izd. 2. Moskva, Gosgortekhizdat, 1961. 266 p.

MINE MANAGEMENT

D'iachenko, I. M. [Organization of labor in mine sections] Organizatsiia truda na uchastkakh shakhty Moskva, Gos. nauchno tekhn. izd-vo lit-ry po gornomu delu, 1961. 127 p.

MINE RAILROADS

(see also subdivision under Chelyabinsk Basin; Kazakhstan)

Analytical calculation of electric power consumption by electric locomotives in pit haulage. V. P. Komlev. Izv. vys. ucheb. zav., gor. zhur. 5 no. 2:135-140 '62.

Contact electric locomotive 14kR-1. Shakht. stroi. 6 no. 4:14 of cover. Ap '62.

Experimental determination of a train's resistance to movement in haulage by electric locomotives in shale mines. P. S. Leont'ev. Izv. vys. ucheb. zav., gor. zhur. 5 no. 1:117-120 '62.

High-frequency coupling in underground haulage by electric locomotive. V. V. Sytnikov. Izv. vys. ucheb. zav., gor. zhur. 5 no. 1:133-137 '62.

Reply to the article by P. P. Makarenko and Yu. A. Petrov "3PPS-1 basket train for loading rock without changing cars in drifting." B. M. Gramlin. Gor. zhur. no. 4:78-79 Ap '63.

Use of diesel-electric locomotives in open-pit haulage. V. P. Parunakian, V. V. Ianiuchenia. Izv. vys. ucheb. zav., gor. zhur. 5 no. 1:109-111 '62.

Using the principle of proportions to construct a diagram of the movement of a gyroflywheel locomotive. N. V. Filatov. Izv. vys. ucheb. zav., gor. zhur. 5 no. 1:112-116 '62.

Ways for the further development of mine haulage by electric locomotives. B. S. Belovidov. Trudy NPI. 115 3-12 '61.

MINE RAILROADS--CURRENT SUPPLY

Possibility of using an a.c. power system for mine electric locomotives. P. G. Mikitinskii. Trudy NPI. 115 63-67 '61.

MINE RAILROADS--TRACKLAYING MACHINERY

"PPU"-60 skidding tractor for re-laying railroad tracks. V. K. Sukhovetskii. Gor. zhur. no. 4:72 Ap '62.

MINE ROOF BOLTING see subdivision under Moscow Basin

MINE SURVEYING

(see also subdivision under Armenia)

Possibility of using the direct measurements method in studying dislocation processes in the Mingechaur Mine. Trudy Inst. gor. dela AN Kazakh. SSR 11:31-40 '61.

Some features of the nature of the dislocation of rocks in second underminings in the Karaganda Basin. Zh. M. Kanlybaeva. Trudy Inst. gor. dela AN Kazakh. SSR 8:56-75 '61.

MINE SURVEYING--EQUIPMENT AND SUPPLIES

Characteristics and technical requirements of new type mine surveyor gyrocompasses. I. P. Zheltonitskii. Vop. prikl. gir. no. 2:111-122 '60.

MINE TIMBERING

(see also subdivision under Canada)

Bondarenko, A. P. [Precast concrete supports] Sbornik allikainia krep'. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1961. 76 p.

Design of the supporting metal bands of a flexible roof. V. P. Kochetov. Izv. vys. ucheb. zav., gor. zhur. 5 no. 1:41-44 '62.

MINE VENTILATION

(see also subdivision under Donets Basin; Krivoy Rog Basin; Sakhalin)

Analytical functions describing the process of temperature and relative humidity changes in mine shafts. A. N. Shcherban' and others. Trudy Sem. po gor. teplotekh. no. 3:25-28 '61.

Analytical functions describing the processes of mine temperature and relative humidity changes. A. N. Shcherban' and others. Trudy Sem. po gor. teplotekh. no. 3:29-32 '61.

Approximate method of determining an efficient distance between ventilation holes. Yu. I. Smirnov, M. I. Fazliullin. Izv. vys. ucheb. zav. geol. i razv. 5 no. 3:123-130 Mr '62.

Change in the relative humidity of the air and determination of the average cooling time in development workings. B. P. Korotkov. Trudy Sem. po gor. teplotekh. no. 3:65-70 '61.

Comparative evaluation of the performance of one-way and two-way air curtains in redistributing air in underground workings. S. F. Shepelev. Trudy Inst. gor. dela AN Kazakh. SSR 8:150-163 '61.

Experimental determination of the heat emission of rocks in new workings of deep coal mines. V. A. Sheinmanov. Trudy Sem. po gor. teplotekh. no. 3:76-82 '61.

Experimental studies of heat emission from rocks in coal mine stopes. G. V. Duganov, V. N. Kukharev. Izv. vys. ucheb. zav., gor. zhur. no. 3:89-92 '61.

Heat factor calculation in planning deep mines. Iu. D. Dlad'kin. Trudy Sem. po gor. teplotekh. no. 3:47-55 '61.

Igoatenko, K. P., A. V. Dmitsev, and E. G. Veits. [Mine ventilation, lighting, fires, and rescue work] Rudnichnaia ventiliatsiia, osveshchenie, rudnichnye pozhary i gornospasatel'noe delo. Izd. 2. Moskva, Gosgortekhizdat, 1961. 266 p.

Kulikov, G. S. [Engineering calculations in solving mine ventilation problems] Inzhenernye raschety pri reshenii voprosov ventiliatsii shakht. Moskva, Gosgortekhizdat, 1962. 65 p.

MB-1 microbarometer for pressure surveys in mines. F. A. Abramov, V. F. Steinmann, V. N. Makushin. Gor. zhur. no. 4:74 Ap '62.

Method of determining the amount of air in a mine. N. F. Kremenchutskii. Izv. vys. ucheb. zav., gor. zhur. no. 3:79-82 '61.

New methods of conditioning mine air. O. A. Bogaevskii. Trudy Sem. po gor. teplotekh. no. 3:106-112 '61.

Relationship between the size of the worked area and the intensity of stope panel ventilation in the camber and pillar system. G. A. Radchenko, E. A. Mallybaev, Iu. P. Kolomeitsev. Trudy Inst. gor. dela AN Kazakh. SSR 11:173-179 '61.

Resolutions of the section on conditioning mine air. O. A. Kremnev, A. N. Agel'skii. Trudy Sem. po gor. teplotekh. no. 3:128-132 '61.

Result of standardizing mine air-cooling apparatus. V. N. Kefer. Trudy Sem. po gor. teplotekh. no. 3:100-105 '61.

Results of studying mine air coolers. V. N. Kefer, V. K. Chernichenko. Trudy Sem. po gor. teplotekh. no. 3:91-99 '61.

Standard method of the Institute of Heat Energy for calculating mine heat and mine air-cooling apparatus. O. A. Kremnev. Trudy Sem. po gor. teplotekh. no. 3:14-24 '61.

State of and the outlook for the development of science and equipment in the field of regulating mine heat conditions. A. N. Shcherban', O. A. Kremnev. Trudy Sem. po gor. teplotekh. no. 3:5-13 '61.

Use of air screens to control leaks of air through the mouths of boring workings. S. F. Shepelev. Trudy Inst. gor. dela AN Kazakh. SSR 11:164-172 '61.

Using antioxidants to lower the temperature of mine air. V. D. Karpukhin. Trudy Sem. po gor. teplotekh. no. 3:71-77 '61.

MINE VENTILATION--EQUIPMENT AND SUPPLIES

Idling and operating conditions of a hydraulic friction clutch on automatically controlled mine ventilation units with synchronous electric motors. I. I. Gavrilchin. Trudy NPI. 115 13-21 '61.

MINE WATER

Determining safety factors and methods of mining coal seams under bodies of water. Iu. N. Niukovskii. Izv. vys. ucheb. zav., gor. zhur. 5 no. 1:24-30 '62.

Pollution of acid waters by heavy metals in the coal mines of the Donets Basin. I. T. Klimov, N. G. Fesenko. Gig. i san. 26 no. 5:67-68 My '61.

MINERAL INDUSTRIES--PERIODICALS

Conference of readers of "Gornyi Zhurnal" held in Dokuchayevsk. A. Volgershtein. Gor. zhur. no. 4:72 Ap '62.

MINERAL LAND SURVEYING see Mine surveying

MINERAL METABOLISM

Disorder of water-mineral metabolism and hemodynamics in acute gastrointestinal diseases in infants and problems in their treatment. N. V. Vanlukov. Pediatriia no. 4:28-34 '62.

MINERAL WATERS see subdivision under Dvoriny; Leningrad; Shusha, Azerbaijan; Sirab, Azerbaijan

MINERAL WOOL

Ostanin, G. V. [Making mineral wool in a multistage vertical centrifuge; practices of the Dubrov factory of the "Sevenergostroi" Trust] Proizvodstvo mineral'noi vaty na mnogostupenchatoi vertikal'noi tsentrifuge; opyt raboty Dubrovskogo zavoda tresta "Sevenergostroi." Leningrad, 1961. 15 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Stroitel'naia promyshlennost', no. 24)

MINERALOGICAL SOCIETIES see subdivision under Tajikistan

MINERALOGY

(see also subdivision under Gissar Range; Krivoy Rog; Minusinsk Basin; Nagol'nyy Ridge, Donets Basin; Tajikistan; Talysh Mountains; Yakutia)

Session of the Uzbekistan Branch of the All-Union Mineralogical Society. I. M. Golovanov. Uzb. geol. zhur. 6 no. 2:103 '62.

MINERALOGY, DETERMINATIVE

Quantitative mineralogical analysis of incoherent aggregates in preparations using quadratolatticed eyepiece. A. A. Glagolev. Uch. zap. Kazakh. un. 37 no. 4:137-139 '58.

MINERALS

(see also subdivision under Caucasus, Northern; Kola Peninsula; Kuznetsk Ala-Tau, Lovozero Tundras; West Siberian Plain)

Crystalline structure of rosenbuschite (Ca, Na)$_2$ (Zr, Ti) [Si$_2$O$_7$] (O, F)$_2$. N. V. Belov. Dokl. AN SSSR 143 no. 6:1428-1431 Ap '62.

Distribution and genesis of some hydrothermal and hypergene minerals in Yakutia kimberlites. I. P. Ilupin. Sov. geol. 5 no. 3:152-156 Mr '62.

For a further increase in resources of agricultural minerals. Razved. i okh. nedr. 28 no. 4:1-7 Ap '62.

"Karnasurtit," a new mineral. M. V. Kuz'menko, S. I. Kozhanov. Trudy Inst. min., geokhim. i kristalokhim. red. elem., no. 2:95-98 '59.

"Plus" - and "minus" minerals from the viewpoint of the volume law and principles of chapter two of silicate crystallochemistry, role of pressure and chemical binding energy in transformations of the crustal mineralogical composition [with summary in English]. V. I. Lebedev. Vest. LGU 17 no. 6:36-46 '62.

MINERALS--ANALYSIS

Analyses of minerals containing rare elements carried out by the Chemical Laboratory of the Institute of Mineralogy, Geochemistry, and Crystallochemistry of Rare Elements of the Academy of Sciences of the U.S.S.R., 1954-1957. V. S. Saltykova. Trudy Inst. min., geokhim. i kristallokhim. red. elem. no. 2:180-208 '59.

Quantitative analysis of mineral aggregates in polished preparations. A. A. Glagolev. Uch. zap. Kazakh. un. 37 no. 4:177 '58.

MINERALS IN SOIL

(see also subdivision under Nal'chik region, Yaroslavl Province)

Nitrogen and ash element enrichment of soils with litter in Kola Peninsula forests [with summary in English]. K. N. Manakov. Pochvovedenie no. 4:55-61 Ap '62.

MINERALS IN SOIL--BIBLIOGRAPHY see Bibliography--Minerals in soil

MINERS--DISEASES AND HYGIENE

Evaluation of certain changes in the physiological conditions of miners in connection with the work process and sports training. Iu. Kh. Khatrova. Gig. truda i prof. zab. 4 no. 4:16-19 Ap '60.

MINES, MILITARY

Combat engineer platoon plants a mine field. M. Estpov. Voen. vest. 41 no. 4:33-34 Ap '62.

Our experience in planting mines at night. N. Avdeev. Voen. vest. 41 no. 4:94 Ap '62.

MINES AND MINERAL RESOURCES

(see also subdivision under Sahara)

Kuftyreva, V. A., and N. S. Kuftyreva. [Minerals and methods of searching for them] Poleznye iskopaemye i metody ikh poiskov. Moskva, Izd-vo "Znanie," 1961. 37 p. (Narodnyi universitet kul'tury. Estestvennonauchnyi fakul'tet, no. 30)

Twenty-fifth anniversary of the All-Union Geological Fund. N. A. Bykhover. Razved. i okh. nedr. 28 no. 4:62-64 Ap '62.

MINES AND MINERAL RESOURCES--BIBLIOGRAPHY see Bibliography--Mines and mineral resources

MINES AND MINERAL RESOURCES--PERIODICALS see Mineral industries--Periodicals

MINES AND MINING see Mining industry and finance

MINGECHAUR--CRANIOLOGY

"Anthropological investigation of the skulls from Mingechaur" by R. M. Kasimova. Reviewed by V. Alekseev. Sov. etn. no. 2:156-160 Mr-Ap '62.

MINIATURE PAINTING, INDIC

Historical portraits of the Deccani school of the second half of the 17th century. T. V. Grek. Trudy Gos. Erm. 5:312-322 '61.

MINING ENGINEERING

(see also subdivision under Dzhezkazgan District; Germany, East; Kazakhstan; Krivoy Rog Basin; Sweden; Tekeli region, Kazakhstan)

Anan'ev, S. P. [Driver of horizontal and inclined galleries] Prokhodchik gorizontal'nykh i naklonnykh vyrabotok. Moskva, Gosgortekhizdat, 1962. 222 p.

Bench system of drifting in hard rocks. I. N. Shchegol'kov. Shakht. stroi. 6 no. 4:26 Ap '62.

Method of approximative calculation of gamma fields at surface mine workings. A. G. Vetrov. Vop. rud. geof. no. 2:115-121 '61.

Normalization of temperature conditions for the operation of compressors in high elevation mines. G. P. Gerasimenko, D. F. Puzoshchatov. Izv. vys. ucheb. zav.; tsvet. met. 3 no. 2:21-26 '60.

MINING ENGINEERING (Continued)
Relationship between the size of the worked area and the intensity of stope panel ventilation in the chamber and pillar system G A Radchenko, F. A Mailybaev, IU P Kolomeitsev. Trudy Inst gor dela AN Kazakh SSR 8 173-179 '61.
Roshchupkin, I. G., G. P. Anan'in, and N K. Arslanov. [Working mineral deposits] Razrabotka mestorozhdenii poleznykh iskopaemykh Moskva, Gos nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1962. 500 p.

MINING ENGINEERING—ABSTRACTS
[Mining] Ref. zhur. Gor. delo nos 4-5 Ap-My '62.

MINING ENGINEERING—BIBLIOGRAPHY see Bibliography—Mining engineering

MINING ENGINEERING—EQUIPMENT AND SUPPLIES
Complete mechanization is the most important factor in increasing labor productivity in the construction of new mines V. I. Lobunets Izv vys ucheb zav , gor zhur no 3 73-78 '61
Evaluating the efficiency of mechanizing the production processes in underground mining O A. Baikonurov, V. SH. Sharipov Trudy Inst. gor. dela AN Kazakh SSR 8 81-86 '61
Self-propelled equipment is a decisive factor in a sharp upswing in labor productivity and mining. N. S Sindarovskii, A. G. Shpital'nikov. Gor zhur no. 4 3-10 Ap '62.

MINING ENGINEERING—HYGIENIC ASPECTS
Pneumokoniosis in bauxite miners [with summary in English] L. I Fl'iashev. Gig. truda i prof zab. 1 no. 4:28-32 Ap '60
Problems in industrial hygiene in the open pit mining of iron ore and nonferrous ores [with summary in English] R. V. Borisenkova, D. I. Timofeiin Gig truda i prof zab 6 no. 3:3-6 Mr '62

MINING ENGINEERING—MODELS
Studying the nature of the breaking of brittle materials at various loading speeds. V. K Filippov. Trudy Inst gor dela AN Kazakh SSR 8 107-115 '61
Using equivalent materials in centrifugal modeling to determine the time element. A Ch Musin, IU. I. Chabdarova, K Zh Takelekov. Trudy Inst. gor. dela AN Kazakh SSR 8, 26-33 '61

MINING ENGINEERING—SAFETY MEASURES
Lepushanskii, V. E. [Safety engineering in underground mining of ore deposits] Tekhnika bezopasnosti pri razrabotke rudnykh mestorozhdenii podzemnym sposobom. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 115 p.

MINING GEOLOGY
(see also subdivision under Mirgalimsay region)
Behavior of gold and silver in the oxidation zone of sulfide deposits. N. G. Titurin, I. A. Kakovskii. Izv vys ucheb. zav., tsvet. met. 3 no. 2:6-13 '60
Geological operations in the TSentral'niy Mine A M Mitiushkin Razved. i okh. nedr 28 no 4 30-34 Ap '62.
In the session of the Council of Geological Testimony on the geophysics in mining A. S. Shirikov, M. G. Eviceev. Sov. geol. 5 no 3:163-164 Mr '62

MINING INDUSTRY AND FINANCE
(see also subdivision under Lugansk Province; Sverdlovsk Province)
Analysis of the structure of capital investments in ferrous metallurgical mining enterprises of the U. S. S. R. L. M. Feigin. Gor. zhur no. 4:16-18 Ap '62.

MINING LAW
Mining law must be overhauled P V. Vilimov, B A. Liskovets. Razved. i okh. nedr 28 no. 3:26-30 Mr '62

MINING MACHINERY—MAINTENANCE AND REPAIR
Dobkin, A. V., V. N. Istomin, and L. I. Tishchenko. [Wear, lubrication, and repair of sloping machinery] Iznos, smazka i remont zaboinykh mashin. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 107 p.
Financing the repair work F. Gronsov. Nar. khoz. Kazakh. 20 no 3 76-77 Mr '62.

MINING MACHINERY—TESTING
Results of an experimental study of the vibrating working part of a continuous loader P. A. Mikhirev, K. S. Gurkov, V A. Maksimov. Gor zhur. no 4:51-54 Ap '62.
Testing a mining cutter-loader equipped with a new working part. A. F. Kichigin, A. D. Saltanov, V. D IArema Shakht. stroi. 6 no. 4:19-22 Ap '62

MINSK—AIR—MICROBIOLOGY
Characteristics of pyococci isolated from the atmosphere of Minsk K S. Kichatova. Zhur. mikrobiol , epid. i immun 33 no 3 132-133 Mr '62

MINSK—AUTOMOBILE INDUSTRY
Standardization department at the Minsk Automobile Plant. V. P. Panushkin. Standartizatsiia 26 no. 1, 10-11 Ap '62.

MINSK—BAKERS AND BAKERIES
Minsk bread M. Minkovich Belarus' 19 no. 4.20 Ap '62

MINSK—BALLET
Premiere in Minsk T Shcherbakova Sov muz. 26 no 4 53-56 Ap '62.

MINSK—CIVIC IMPROVEMENT
Sharapov, V. I. [Minsk in the seven-year plan] Minsk v semiletke. Minsk, Gos. izd-vo BSSR, Red. massovo-polit. lit-ry, 1961 77 p.

MINSK—CLOCKMAKING AND WATCHMAKING
New automatic line N. Navitskaia Belarus' 19 no 4:19 Ap '62

MINSK—CLOCKMAKING AND WATCHMAKING—ACCOUNTING
Standard accounting method for production and the calculation of costs. M. Plotkin. Bukhg. uchet 19 no 4, 9-13 Ap '62.

MINSK—ECONOMIC POLICY
Sharapov, V. I. [Minsk in the seven-year plan] Minsk v semiletke. Minsk, Gos izd-vo BSSR, Red. massovo-polit. lit-ry, 1961. 77 p.

MINSK—LIBRARIES
The busy life of Maryia Paulauna. E Zlobina. Rab. i sial. 38 no. 1:7 Ja '62.
In V. I. Lenin library I. Varonina. Belarus' 19 no. 4:4-5 Ap '62

MINSK—PRINTING INDUSTRY
At the YAkub Kolas printing combine in Minsk. G. T. Minchukov. Poligr. proizv. no. 11:6-7 N '61.

MINSK—STANDARDIZATION
Standardization department at the Minsk Automobile Plant. V. P. Panushkin. Standartizatsiia 26 no. 4: 40-41 Ap '62.

MINSK—STUDENTS, CUBAN
Cuba-yes, Yankees-no! B. M. Belarus' 19 no. 4:21 Ap '62.

MINSK—TRACTOR INDUSTRY—ACCOUNTING
Technological progress and accounting. I. Basmanov. Bukhg. uchet 19 no 4:5-8 Ap '62.

MINT CAMPHOR see Menthol

MINUSINSK—ANTIQUITIES
...sinsk elbow-shaped knives.
...b. Gos. Erm. no. 21:44-47 '61.

...OLOGY, STRATIGRAPHIC
...m test-drilling material from the ...th Minusinsk Lowland. V. I ...SGIMS no 1.72-79 '59.

ERALOGY
...ndan petrographic and mineralog... of the South Minusinsk Lowland. SNIGGIMS no 1:80-86 '59

ROGLYPHS
...sinsk Basin. K. V. Viatkina. 20:188-237 '61.

under France)
...lea." P Darmanskyi. Volov. ...y '62.

LESSING
...G. Lazaridi. [Mechanization and ...he Mirgalimsay Ore Dressing ...i avtomatizatsiia na Mirgalim-fabrike. [Alma-Ata] TSentr. ...formatsii, 1960. 12 p. [MICROFILM]

MIRGALIMSAY REGION—METALWORK
Organization and technical methods and equipment for making drilling tools at the Mirgalimsay Mine. L. G. Verzhbitskii. Gor. zhur no. 4:55-57 Ap '62

MIRGALIMSAY REGION—MINING GEOLOGY
Geology and mining engineering characteristics of the Mirgalimsay deposit. IU. L. Shneider, P. P. Sidorenko Gor. zhur. no. 4:21-24 Ap '62.

MIRGALIMSAY REGION—ORE HANDLING—EQUIPMENT AND SUPPLIES
Automatic control of bunker loading of ore in the Mirgalimsay Mine. A. F Trunilov, L. G. Verzhbitskii Gor. zhur no. 4:50-51 Ap '62

MIRGALIMSAY REGION—ROCK PRESSURE
Possibility of using the direct measurements method in studying dislocation processes in the Mirgalimsay Mine G. V Meshcheriakov. Trudy Inst gor. dela AN Kazakh SSR 8:31-39 '61.

MISCARRIAGE see Abortion

MITES
(see also subdivision under Armenia, Transbaikalia)
New predatory mites of the family Phytoseiidae (Parasitoformes) in the U. S. S. R. [with summary in English] B. A. Vainshtein Ent oboz. 41 no. 1:230-240 '62.
Oribatid mites of the family Damaeidae Berl., 1896 (tribe Belbini, tribe N.) [with summary in English]. E M Bulanova-Zakhvatkina Zool zhur 41 no. 2 203-216 F '62
Quick method for preparing gamasid mites for microscopic slides I. A. Tarvit-Gontar', F. A. Bairit Sov. zdrav. Kir. no 1:59 Ja-F '62.

MITOCHONDRIA
Amount of ribonucleic acid in the mitochondria of normal and tumoral tissues. L. B Mil'man, V A. Kuziaeva TSitologiia 4 no 1 42-51 Ja-F '62.
Cytochemical study of the activity of succinic dehydrogenase in the mitochondria of quiescent and excited neurons of the spinal ganglia [with summary in English]. A. A. Bronshtein, T. V Krestinskaia. Arkh. anat., gist i embr 40 no. 5 39-46 My '61.
Mitochondrial equivalents in Escherichia coli cells [with summary in English]. V. M Kushnarev. Biul. eksp biol i med 3[1 e. 53] no 3:65-67 Mr '62.
Oxidative phosphorylation and conversions of pyruvic acid in brain mitochondria of normal and irradiated animals. R. I. Skvortsova Radiobiologiia 2 no. 2:189-193 '62.

MITRAL VALVE—DISEASES
Changes in the small pulmonary veins in venous hypertension of the lesser circulation connected with mitral defect of the heart [with summary in English] I. L. Kapuller. Arkh pat no 7 55-62 '61
Diagnosis of mitral and aortic stenoses by the method of catheterization of the left cavities of the heart and aorta [with summary in English]. F. G. Uglov and others. Kardiologiia 2 no. 2:14-23 Mr-Ap '62.
Diagnostic significance of ballistocardiographic changes in disorder of the heart rhythm and conductivity in mitral stenosis and arteriosclerotic cardiosclerosis [with summary in English]. III. D. Safonov. Kardiologiia 2 no. 2, 38-44 Mr-Ap '62.
Vectorcardiogram in mitral stenosis with pulmonary hypertension [with summary in English]. A. A. Popov. Kardiologiia 2 no. 2:29-38 Mr-Ap '62.
X-ray determination of the degree of pulmonary hypertension in patients with mitral stenosis. G. M. Solov'ev. I Kh. Rabkin. Klin. med. no. 8:79-82 '61.
X-ray study of the lesser circulation in mitral stenosis compared with data from a cardiac catheterization [with summary in English]. M. A. Ivanitskaia, IU. S. Petrosian. Kardiologiia 2 no. 2:44-52 Mr-Ap '62.

MITRAL VALVE—SURGERY
Evaluation of the change in the diastolic murmur during the late periods following mitral commissurotomy [with summary in English]. E. N. Dembovskaia. Kardiologiia 2 no. 2:52-57 Mr-Ap '62.
Faulty operations in defect of the mitral valve [with summary in English]. A. A. Busalov. Grud. khir. no. 2: 8-16 '62.

MNEMONICS
Observation, attention, and memory. I. Poterin. Sem'ia i shkola 17 no. 4:24-26 Ap '62.

MODELING
Characteristics of visualization in school children of various ages during the process of modeling [with summary in English]. D. N. Sokolova. Vop. psikhol. 6 no. 1:81-88 Ja-F '62.

MODELS AND MODELMAKING—STUDY AND TEACHING
Technical modelmaking lessons in the seventh grade. D. I. Kupov. Shkola i proizv. 6 no. 3:27-33 Mr '62.

MODERN HISTORY see History, Modern

MOGILEV—CHILDREN'S MUSEUMS
Alive with the living. I. Aksel'rod. Belarus' 19 no. 4:8 Ap '62.

MOGILEV—JUVENILE DELINQUENCY
Prevention of juvenile delinquency M I Okhanov, Sots zakon, 39 no 1 74 Mr '62

MOGILEV—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS
Liashenko, V. E. [Punitive city] Karatel'nyi gorod, [Moskva] Izd-vo Tsk VLKSM "Molodaia gvardiia," 1961. 70 p.

MOGILEV PROVINCE—AGRICULTURAL ADMINISTRATION
We should give our special attention to agriculture, k Matiushevskii Komm. Bel 36 no 4 13-17 Ap '62.

MOISTURE—MEASUREMENT
Devices for automatic regulation of moisture content Priborostroenie no 3 29-30 Mr '62

MOKROUSOV, V. A.
"Into the storm" by V. Polikarpov Reviewed by Z. Grebel'skii. Voen.-ist. zhur. 4 no 1 101-103 Ap '62.

MOLASSES
Improve the operations of the starch and molasses industry. M. B. Berman. Sakh. prom 35[i.e. 36] no. 2 4-5 F '62.
Jubilee of molasses. L. Vol'per. Obshchest. pit. no. 3 61 Mr '62.

MOLASSES—TESTING see subdivision under Kuban

MOLCHANOV, KIRILL
Songs of our day. G. Poltanovskii. Sov. muz. 26 no. 1 94-95 Ap '62.

MOLDAVIA—AERONAUTICS IN PUBLIC HEALTH
Urgent problems in reorganizing the work of the Republic station of the airborne public health service of the Moldavian S. S. R. T. V. Moshanga, R. M. Dolgonos. Zdravookhranenie 5 no. 1 6 8 Ja-F '62.

MOLDAVIA—AGRICULTURE
A concern of the party and the Soviet people Komm Mold 7 no 3 3-8 Mr '62

MOLDAVIA—AGRICULTURE—ECONOMIC ASPECTS
Grekul, F. A. [Agrarian relations in Moldavia in the 16th and the first half of the 17th century] Agrarnye otnosheniia v Moldavii v XVI - pervoi polovine XVII vv. Pod red. I. V. Cherepnina. Kishinev, Gos. izd-vo "Kartia moldoveniaske," 1961. 456 p.

MOLDAVIA—COLLECTIVE FARMS—INTERFARM COOPERATION
"Interfarm production contracts in the Moldavian S. S. R." by A. S. Shakhil'dian. Reviewed by N Noskov, G. Titov Komm. Mold. 7 no. 3 75-79 Mr '62

MOLDAVIA—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK
Party news. Komm Mold 7 no. 3 80 Mr '62.
Party news. Komm. Mold. 7 no. 4 79-80 Ap '62

MOLDAVIA—CRIME AND CRIMINALS
There should be no crime in a society which builds communism. A. Kazanli. Komm. Mold. 7 no 4 30-38 Ap '62.

MOLDAVIA—EFFICIENCY, INDUSTRIAL
"Origin and history of the movement of the brigades and shock workers of communist labor in Moldavian industry" by K. Kovyrzian. Reviewed by A. I. Ilinov Komm. Mold. 7 no. 4 76-77 Ap '62.

MOLDAVIA—ELECTRIC EQUIPMENT INDUSTRY
Shkorupeev, I. S., and L. L. Gol'denberg. [Development of the machinery and electric equipment industries in the Moldavian S. S. R.] Razvitie mashinostroitel'noi i elektrotekhnicheskoi promyshlennosti v Moldavskoi SSR. Kishinev, Gos. izd-vo "Kartia Moldoveniaske," 1960. 61 p.
[MICROFILM]

MOLDAVIA—FOOD INDUSTRY—FINANCE
Strengthening of business accounting is the concern of the bureaus staffed with volunteers. I. Shitin. Bukhg. uchet 19 no. 4 44-46 Ap '62.

MOLDAVIA—FRUIT CULTURE
Fedotov, V. S. [Terracing slopes for orchards and vineyards in Moldavia] Terrasirovanie sklonov pod sady i vinogradniki v Moldavii. Kishinev, Gos. izd-vo "Kartia moldoveniaske," 1960. 60 p.
(DA)

MOLDAVIA—HISTORY
We are united forever, on the 150th anniversary of the liberation of the Moldavian people from the Turkish yoke and the incorporation of Bessarabia into Russia. IA. Grosul. Komm. Mold. 7 no. 3 9-20 Mr '62

MOLDAVIA—HORTICULTURE
Fedotov, V. S. [Terracing slopes for orchards and vineyards in Moldavia] Terrasirovanie sklonov pod sady i vinogradniki v Moldavii. Kishinev, Gos. izd-vo "Kartia moldoveniaske," 1960. 60 p.
(DA)

MOLDAVIA—JOURNALISTS
Fight the cliche! L. Voronkov Sov. pech no. 1 11 Ap '62

MOLDAVIA—LAND TENURE
Grekul, F. A. [Agrarian relations in Moldavia in the 16th and the first half of the 17th century] Agrarnye otnosheniia v Moldavii v XVI - pervoi polovine XVII vv. Pod red. I. V. Cherepnina. Kishinev, Gos. izd-vo "Kartia moldoveniaske," 1961. 455 p.

MOLDAVIA—MACHINERY INDUSTRY
Shkorupeev, I. S., and L. L. Gol'denberg. [Development of the machinery and electric equipment industries in the Moldavian S. S. R.] Razvitie mashinostroitel'noi i elektrotekhnicheskoi promyshlennosti v Moldavskoi SSR. Kishinev, Gos. izd-vo "Kartia Moldoveniaske," 1960. 61 p.
[MICROFILM]

MOLDAVIA—PEAS, CANNED
New sterilization method in the manufacture of canned "Green peas" A. S. Zoslavskii, N. M. Chmilenko. Kons. i ov. prom. 17 no. 1 8-9 Ap '62.

MOLDAVIA—PEASANT UPRISINGS
Akademiia nauk Moldavskoi SSR. Institut istorii. [Documents and source materials on Moldavian history] Istoriia Moldavii; dokumenty i materialy. Kishinev, Izd-vo "Shtiintsa" Akad. nauk MSSR.
Vol 5 [Moldavian peasant uprisings in the period of imperialism] Krest'ianskoe dvizhenie v Moldavii epokhi imperializma, dokumenty i materialy 1961. 596 p.

MOLDAVIA—SUGAR INDUSTRY
Sugar factories of Moldavia during the current season V. IA. Donets Sakh. prom 35[i.e. 36] no 2 10-13 F '62

MOLDAVIA—SURGERY
Some problems in the work of the surgical hospitals of the Moldavian S. S. R. N. Kh. Anestiadi. Zdravookhranenie 5 no. 1 1-6 Ja-F '62.

MOLDAVIA—TERRACING
Fedotov, V. S. [Terracing slopes for orchards and vineyards in Moldavia] Terrasirovanie sklonov pod sady i vinogradniki v Moldavii. Kishinev, Gos. izd-vo "Kartia moldoveniaske," 1960. 60 p.
(DA)

MOLDAVIA—VITICULTURE
Prokop'ev, G., and L. Maltabar. [Viticulture in the seven-year plan of Moldavia] Vinogradarstvo Moldavii v semiletke. Kishinev, Gos. izd-vo "Kartia Moldoveniaske," 1960. 78 p.

MOLDAVIA—WORLD WAR, 1939-1945
"The Moldavian S. S. R. during the Great Patriotic War of the Soviet Union, 1941-1945" [in Moldavian] by S. Afteniak, D. Ellin, S. Levit. Reviewed by S. Brynskikin, A. Korenev, G. Panchenko. Komm. Mold. 7 no 4 72-75 Ap '62.

MOLDAVIAN PHILOLOGY—PERIODICALS
"Limba shi literatura moldoveniaske" ("Moldavian language and literature"). N. Romanenko. Vop. lit. 6 no. 4 197-204 Ap '62

MOLDING (FOUNDING)
Advanced technological processes for molding reducing gears. V. I. Kazarov, Z. I. Bulysheva. Mashinostroenie no. 2 114 Mr-Ap '62.
Automatic controller of ramming density by jolting. B. I. Alekseev, V. M. IAnkelevich Lit. proizv no. 4 11-13 Ap '62
Force interaction between a casting in process of solidification and the mold G. F. Balandin, IU. A. Stepanov. Lit. proizv no. 4 37-41 Ap '62.
Lipnitskii, A. M. [Molding by hand] Formovka vruchnuiu. Moskva, Mashgiz, 1961. 70 p. (Bibliotechak liteishchika, no. 3)
Mold wash to avoid sand sticking and crumbling R. V. Vachakmadze. Lit. proizv. no 4 44 Ap '62
New procedure for casting flasks M. M. Nurenberg. Lit. proizv. no. 4 12 Ap '62.
New procedure for casting stator plates for turbodrills. IU. G. Kovalov, V. K. Mikovidov. Lit. proizv. no. 4 42-44 Ap '62
Poruchikov, IU. P., and G. L. Khazan. [Automatic control of the preparation and distribution of molding mixtures] Avtomatizatsiia prigotovleniia i razdachi formovochnoi smesi. Moskva, Mashgiz. 1962. 175 p.
Rapid-drying wash against sand sticking. G. P. Borisov. Lit. proizv. no. 4 45 Ap '62.

MOLDING (PLASTICS) see Plastics—Molding

MOLDING MACHINES
Disk extruder. V. I. Morozov, B. P. Shtarkman, E. E. Rylov. Plast. massy no. 4 56-60 '62.

MOLDS (BOTANY)
Effect of propionic acid and its calcium salt on the growth of mold fungi. A. Z. Kamaletdinov. Mikrobiol. zhur. 23 no. 4 19-22 '61.

MOLECULAR DYNAMICS
Electromagnetic nature of molecular forces B. V. Deriagin. Priroda 51 no. 4 17-26 Ap '62.

MOLECULAR ROTATION
Stereochemical studies Part 13. Rotatory dispersion of the derivatives of α-p-tolylethylamine and 2-aminobutane V. M. Potapov and others Zhur. ob. khim 32 no. 4 1187-1191 Ap '62

MOLECULES
Molecular constants of diatomic molecules of alkali halides V. A. Kovrazhkin, V. M. Tatevskii Vest. Mosk. un. Ser. 2 Khim 17 no. 2 15-20 Mr-Ap '62
Radiation by molecules under conditions of resonance G. M. Strakhovskii, V. M. Tatarenkov Zhur. eksp. i teor. fiz. 42 no. 3 907-908 Mr '62

MOLLUSKS
(see also subdivision under Siberia, Western)
Mollusks of the Severnyy Donets River as accessory hosts of the trematodes [with summary in English] G. I. Vergun Zool. zhur. 41 no. 4 519-527 Ap '62

MOLLUSKS, FOSSIL
(see also subdivision under Black Sea, Caucasus, Northern, Ukraine)
History of Quaternary molluska in the U. S. S. R. and their significance for the stratigraphy of Quaternary sediments. I. V. Dauilovskii. Inform. sbor. VSEGEI no. 47 75-96 '61.

MOLUCCAS—POSTAGE STAMPS
A republic that never existed. N. Mitrofanov. Az. i Afr. seg. no. 4 64 Ap '62.

MOLYBDENUM see subdivision under Caucasus

MOLYBDENUM—ANALYSIS
Coprecipitation of microgram quantities of molybdenum with some inorganic precipitates A. F. Lukovnikov, A. N. Ponomarev. Radiokhimiia 4 no. 1 19-24 '62.
Rapid variant of the rhodamide method for the determination of molybdenum B. D. Reznik, G. M. Ganzburg, V. V. Sachko. Zav. lab. 28 no. 3 277-278 '62
Sulfur-containing organic substances as reagents for molybdenum. A. I. Busev, Chzhan Fan', Z. P. Kuzlaeva Izv. vys. ucheb. zav., khim. i khim. tekh. 5 no. 1 17-21 '62

MOLYBDENUM—METALLURGY
Molybdenum industry in capitalist countries in 1958-1960 B. S. Rozov. TSvet. met. 35 no. 3 93 Mr '62
Separating tungsten and molybdenum from solutions of sodium tungstate and molybdate by hydrogen reduction under pressure. A. N. Zelikman, Z. M. Liapina. Izv. vys. ucheb. zav.; tsvet. met. 3 no. 2 119-125 '60.

MOLYBDENUM ALLOYS
Determination of antimony in ferromolybdenum E. V. Shneva, V. I. Kurbatova Zav. lab. 28 no. 3 280-281 '62

MOLYBDENUM-CHROMIUM-NICKEL ALLOYS see Chromium-molybdenum-nickel alloys

MOLYBDENUM-NIOBIUM-TUNGSTEN ALLOYS see Niobium-molybdenum-tungsten alloys

MOLYBDENUM ORES see subdivision under Altai Mountains

MOLYBDENUM ORES—SAMPLING AND ESTIMATION
Khrushchov, N. A. [Molybdenum] Molibden. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1961. 260 p. (Otsenka mestorozhdenii pri poiskakh i razvedkakh, no. 19)

MOLYBDENUM SULFIDES see subdivision under Armenia

MOLYBDENUM-TITANIUM-ALUMINUM ALLOYS see Titanium-molybdenum-aluminum alloys

MOLYBDENUM-TUNGSTEN-COBALT ALLOYS see Tungsten-cobalt-molybdenum alloys

MONARCHY
Pototskii, N. [Land for the workers!] Zemlia - trudiashchimsia! Buenos Aires, Nasha strana, 1960. 23 p.
(CLU)

MONEY see subdivision under Germany, East

MONGOLIA—ARCHAEOLOGY
Ak
ii
p
n...
Narodnoi Respubliki. Moskva, 1962. 109 p.

MONGOLIA—CONSTITUTION
Mongolia (Mongolian People's Republic) Constitution. [Constitution of the Mongolian People's Republic] Konstitutsiia Mongol'skoi Narodnoi Respubliki. Ulan-Bator, Gosizd-vo MNR, 1961. 37 p.

MONGOLIA—CRIMINAL LAW
Mongolia (Mongolian People's Republic) Laws, statutes, etc. [Criminal code of the Mongolian People's Republic] Ugolovnyi kodeks Mongol'skoi Narodnoi Respubliki. Ulan-Bator, Gosizdatel'stvo MNR, 1961. 76 p.

MONGOLIA—ECONOMIC CONDITIONS
The Mongolian People's Republic. V. Titkov. Otv. na vop. trud. no. 12;46-52 D '61

MONGOLIA—POLITICS AND GOVERNMENT
The Mongolian People's Republic. V. Titkov. Otv. na vop. trud no. 12;46-52 D '61

MONGOLIA—PSYCHIATRY
Psychiatry in the Mongolian People's Republic. G. K. Ushakov. Zhur. nevr. i psikh. 62 no. 1;141-149 '62

MONGOLIA—TRANSPORTATION, AUTOMOTIVE
Automotive transportation in the Mongolian People's Republic. D. TSerendozh. Avt. transp. 40 no. 4 59 Ap '62.

MONOPOLIES see subdivision under India

MONOSACCHARIDES
Effect of ionizing radiation on the accumulation of vitamins and monosaccharides in corn leaves. V. S Fedorova Trudy TSSBS no 4 123-127 '60

MONSTERS
Birth of a dicephalus. K. Atacv Zdrav. Turk. 6 no. 1 34 Ja-F '62
Case of a mermaidlike monstrosity. N. P Absaliamova Trudy Semipal med inst 2 355-361 '59
Case of Ellis-van Creveld syndrome [with summary in English]. E. R. Meitner. Arkh. pat. no 4;70-73 '62

MONTMORILLONITE see subdivision under Lovozero Tundras

MONZONITES see subdivision under Khanaka Valley

MOON
Lomonosov lunar crater. N. P. Erpylev. Vop. ist. est. i tekh no. 12;237-238 '62

MORAL EDUCATION
Basic principles of communist moral education M. P. Gusak Rad shk 40 no. 4 23-26 Ap '62
From the practice of educational work Z. Tret'iakova. Nar. obr. no. 4 80-82 Ap '62.
Lenin's principles in the training of communist consciousness. O I. Borysova. Rad shk 40 no. 4 8-13 Ap '62.
Our great ideal. Nar. obr. no. 1 1-5 Ap '62.

MORDOVIA—ECONOMIC CONDITIONS
[The 30th anniversary of the Mordvinian A. S. S. R.; 1930-1960] 30 let Mordovskoi ASSR; 1930-1960. Saransk, Mordovskoe knizhnoe izd-vo, 1961. 205 p.

MORDOVIA—FALLOWING
Effectiveness of various green fallows in the Mordovian A. S. S. R. M. N. Almazova. Zemledelie 24 no 4 25-27 Ap '62.

MORDOVIA—PEAS
Pea cultivation in the Mordovian A. S. S. R M. I. Sorokin, V. P. Shurkin Zemledelie 24 no 4 36-39 Ap '62

MORDOVIA—PIONEERS (COMMUNIST YOUTH)
Two-year plan of the Pioneers of Mordovia. A. G. Paksiutov. Sov. pedag 26 no 4 61-65 Ap '62.

MORDOVIA—TEACHING
Let's move on a wide front. A. Paksiutov. Nar. obr. no. 4;36-38 Ap '62.

MORDVINIAN A. S. S. R. see Mordovia

MOROCCO—COMMERCE—RUSSIA
"We are satisfied with the results of negotiations." Abdel Azis Bennani. Vnesh. torg. 42 no. 4;26 '62.

MOROCCO—POLITICS AND GOVERNMENT
For independence and progress. Az. i Afr. seg. no. 4;31 Ap '62.

MOROCCO—TRADE UNIONS
For independence and progress. Az. i Afr. seg. no. 4;31 Ap '62.

MOROZOV, GEORGII FEDOROVICH, 1867-1920
In memory of G. F. Morozov. A. IA. Les. khoz. 15 no. 4;23 Ap '62

MORPHINE
Effect of promedol and morphine on urination [with summary in English]. E. B. Berkhin. Farm. i toks. 25 no. 1;82-86 Ja-F '62.

MORSHANSK—FIRE, 1875
From the history of fire prevention; a whole town burned in a fire caused by a spark from a samovar. N. Semina. Pozh. delo 8 no. 3;32 Mr '62.

MORTAR
Akademiia stroitel'stva i arkhitektury SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. [Preparation of mortar and concrete mixes] Prigotovlenie rastvorov i betonnykh smesei. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 199 p.
Temperature deformations in cement and sand mortar during freezing and thawing. N. A. Popov, G. I. Gorchakov, I. I. Lifanov. Izv. vys. ucheb. zav., stroi. i arkhit. 5 no. 1;103-112 '62.

MORTIFICATION (PATHOLOGY) see Gangrene

MOSAICS
Forgotten monument of Russian art. A. Zelinskii. Iskusstvo 25 no 3;61-62 '62.

MOSCOW
Moscow, 1962 Interview with N. A Dygai Moskva 6 no 1 3-12 '62

MOSCOW—AGRICULTURAL EXHIBITIONS
In the palace of plenty. B Aleksandrov IUn. nat. no 4 28 Ap '62.

MOSCOW—AUDITORIUMS
He built a Palace for Congresses Vl Il'inin Sov. voin 44 no 6 13 Mr '62
The Kremlin Palace of Congresses Stroi. i arkhit Mosk. 10 no 11;4-10 N '61

MOSCOW—AUTOMOBILE INDUSTRY
Contribution of scientists to industry. Sots. obesp 23 no 5 39-10 My '62.
Mechanization and automation of production management in the assembly shops of the Likhachev Automobile Plant. M. I Slutskii, S. K. Lileev. Vest mash. 42 no 4 82-85 Ap '62

MOSCOW—AUTOMOBILE INDUSTRY WORKERS—EDUCATION AND TRAINING
Practice at an automobile plant. E. Veredin Prof.-tekh obr 18 no 4 28 Ap '62

MOSCOW—BALLET
A mining foreman in the morning, a ballerina at night Sov profsoiuzy 18 no. 8-31-35 '62.
No, this is not the "Wood song." M. Rittikh Sov. muz. 26 no 4 56-59 Ap '62

MOSCOW—BOOKSELLERS AND BOOKSELLING
Book trade in Moscow and ways of developing it. ', E. Polivanovskii Knigaiss i mat 5,88-100 '61

MOSCOW—BRAKES
Fund of an enterprise and raising the role of collective forms of material encouragement (The Moscow Brake Factory) V. L'vov. Sots. trud 7 no. 1 106-110 Ja '62.

MOSCOW—BUILDING MATERIALS INDUSTRY
This is what supervision means. L. Arnautov. Sov. profsoiuzy 18 no. 2;9-11 Ja '62.

MOSCOW—CHAMBER ORCHESTRA
Student group. G. P. Sov. muz. 26 no 4 104-105 Ap '62.

MOSCOW—CHEMICAL ENGINEERING
Lomonosov Institute of Fine Chemical Technology in Moscow. K A Bol'shakov, S. IA. Plotkin. Vop. ist. est. i tekh. no 12;160-161 '62.

MOSCOW—CHORAL SOCIETIES
Volga Chorus. A. Koposov. Sov. muz. 26 no. 4;103-104 Ap '62.

MOSCOW—CITY PLANNING
Khimki-Khovrino. N. Selivanov, IU. Fridman. Stroi i arkhit Mosk. 10 no 11,15-17 N '61.
Plans and dreams of an architect. M. V. Posokhin. Kul't. i zhizn' 6 no. 2;7-8 '62.
What will there be in Zaryad'ye? N. Chetunova Moskva 5 no. 8;200-203 '61.
Zyuzino. V. Voskresenskii, A. Boltinov. Stroi i arkhit. Mosk. 10 no. 11;12-14 N '61.

MOSCOW—CLOTHING INDUSTRY
Fulfilling the seven-year plan in six years. A. M. Rusinova. Shvein. prom. no. 1 4-5 Ja-F '62.

MOSCOW—COMMERCE
Conferences and seminars. Den. i kred. 20 no. 4;92-95 Ap '62.

MOSCOW—COMMUNIST EDUCATION
In the Club of Political Education of Moscow Province and Moscow City Committees of the CPSU. Vop. ist. KPSS 6 no. 2;228 '62.

MOSCOW—COMMUNITY CENTERS
The "Enthusiast" Club. A. Shteinberg. Agitator no. 10; 54-55 My '62.
Let's inculcate a feeling for beauty in children. T. Polozova. Kul't. i zhizn' 6 no. 2;34-35 '62.

MOSCOW—COMMUNITY LIFE
More about "Il'ich" workers. F. Furmanova, S. Gazarian. Sem'ia i shkola 17 no. 4;14 Ap '62

MOSCOW—CONSERVATORIES OF MUSIC
After the publication of an article in the periodical. Sov. muz. 26 no. 4;117-118 Ap '62.

MOSCOW—CONSTRUCTION INDUSTRY
Do only good and excellent work. K. Galakhov. Ekon. stroi. no. 3;41-43 Mr '62
In the Executive Committee of the Moscow Council. Stroi. i arkhit. Mosk. 10 no 11;36 N '61.

MOSCOW—DERMATOVENEREOLOGICAL SOCIETIES
Moscow Scientific Society of Dermatologists and Venereologists; on the 70th anniversary of its founding V. A. Rakhmanov, N. S. Poteknev Vest. derm. i ven no 4; 68-73 '62.

MOSCOW—DIRECTORIES
[Moscow, 1962; concise address and reference book as of January 1, 1962] Moskva, kratkaia adresno-spravochnaia kniga (1962). Po sostoianiiu na 1 ianvaria 1962 g. [Moskva] Mosk rabochii, 1962. 492 p.

MOSCOW—EDUCATION, COOPERATIVE
March of the 1960's. S. Smolianitskii. Moskva 5 no. 9; 179-185 '61

MOSCOW—ELECTRIC EQUIPMENT INDUSTRY—QUALITY CONTROL
Production quality and material incentives N Fomichev. Sots. trud 7 no 1 50-52 Ja '62.

MOSCOW—ELECTRIC INDUSTRIES
Toward the victory of communist labor A. Kubarev. Okhr truda i sots. strakh. 5 no. 3 8-9 Ap '62.

MOSCOW—ETHNOLOGY
Ethnic structure of the original population of Moscow [with summary in English] M. G Rabinovich. Sov. etn no 2;59-71 Mr-Ap '62.

MOSCOW—EXHIBITIONS
Exhibition of Achievements of the National Economy of the U. S. S. R. Work in the field of polymer materials G. O. Tatevosian Plast. massy no 3;1-2 '62.
Italian exhibition in Moscow. V. Krasnopol'skii Nov. vrem. 20 no. 23;10-11 Je '62.
Laboratory apparatus and instruments at the French National Exhibition. Zav. lab. 28 no. 3;385-388 '62
New machinery at the Exhibition of Achievements of the National Economy of the U. S. S. R. A. S. Selenevich Stroi. i dor. mash. 6 no. 11;35-10 N '61.
Plastics at the Exhibition of the Industrial Production of Dutch Factories G. Tatevosian. Plast massy no 3; 75-76 '62.
Precast reinforced concrete at the Moscow Exhibition of New Building Technology. IA. V. Fairel', V. I. Kukolev. Bet. i zhel.-bet. no. 1;43-47 Ja '62.
Seminar on standardization at the Exhibition of the Achievements of the National Economy of the U. S. S. R. M. A. Sirotin. Standartizatsiia 26 no. 4 53-56 Ap '62.
Welding equipment at the Exhibition of the Achievements of the National Economy of the U. S. S. R in 1961. M. V Khanapetov. Svar. proizv. no 4 39-43 Ap '62.
The whole world will visit here IA. Shvydenko. Znam. ta pratsia no 1,3-4 Ap '62.

MOSCOW—FINANCIAL EMPLOYEES
Collective work and fellow workers' mutual assistance. M Osipovich. Fin. SSSR 23 no 4;67-76 Ap '62.

MOSCOW—FISH PROCESSING PLANTS
Factory of fish dishes. A. Pozdnev. Obshchest. pit. no. 3;28-29 Mr '62.

MOSCOW—FOOD INDUSTRY
The output of the factory will be growing. F. Petrikov. Obshchestv. pit. no. 1;31 Ja '62.

MOSCOW—HARP MUSIC
Joyful evening. B. IAg. Sov. muz. 26 no. 4;101 Ap '62

MOSCOW—HISTORICAL MUSEUMS
Moscow. Gosudarstvennyi istoricheskii muzei. [Yearbook of the State Historical Museum, 1960] Ezhegodnik Gosudarstvennogo istoricheskogo muzeia; 1960 god. Moskva, [Izd-vo "Sovetskaia Rossiia,"] 1962. 203 p.

MOSCOW—INCENTIVES IN INDUSTRY
Fund of an enterprise and raising the role of collective forms of material encouragement (The Moscow Brake Factory) V. L'vov. Sots. trud 7 no. 1,106-110 Ja '62.

MOSCOW—INDUSTRIAL MANAGEMENT
Collective work and fellow workers' mutual assistance M. Osipovich. Fin. SSSR 23 no. 4;67-76 Ap '62

MOSCOW—INDUSTRIAL MUSEUMS
In the Technical Museum. L. D. Bel'kind. Vop. ist est. i tekh. no. 12;252 '62.

MOSCOW—KINDERGARTEN
Convincing example. A. Platov Agitator no 6 42 Mr '62.

MOSCOW—LANDSCAPE GARDENING
Give a green light to the planning of trees. Otv. na vop. trud. no. 12;22-26 D '61.

MOSCOW—LIBRARIES
On the eve of a great anniversary. Bibliotekar' no. 4;8 Ap '62.
"V. I. Lenin's library in the Kremlin." Reviewed by S. Liandres. Vop. lit. 6 no. 4;223-224 Ap '62.

MOSCOW—LIBRARIES, SPECIAL
"The V. I. Lenin Library in the Kremlin"; a catalog. Reviewed by Sh. Manuchar'iants. Novyi mir 38 no. 1: 265-267 Ja '62.
"The V. I. Lenin Library in the Kremlin." Reviewed by Dm. Moldavskii. Oktiabr' 39 no. 1:206-208 Ap '62.
"V. I. Lenin Library in the Kremlin, catalog." Reviewed by D. Lebedeva. Nar. obr. no. 1:107-109 Ap '62.

MOSCOW—LIBRARIES, YOUNG PEOPLE'S
Lenin State Library reading room for children and youth. K. Berdnikova. Nar. obr. no. 1:73-75 Ap '62.

MOSCOW—MACHINE TOOL INDUSTRY—ACCOUNTING
Mechanizing the accounting for deductions for goods sold on credit. V. Dvoretskii, V. Rozhnov. Bukhg. uchet 19 no. 3:12-15 Mr '62.

MOSCOW—MACHINERY INDUSTRY
A plant of automatic factories. A. Vereln, B. Cherpakov, L. Rozenfel'd. Ush. tekh. 6 no. 3:38-43 Mr '62.
Workers from the Il'ich plant in Moscow are welcome in the virgin lands. S. Indurskii. Moskva 5 no. 9, 186-187 '61.

MOSCOW—MAKE-UP, THEATRICAL—EXHIBITIONS
Not infringing upon a celebration. E. Zubkova. Teatr 23 no. 5:165-166 My '62.

MOSCOW—MAY DAY (LABOR HOLIDAY)
A holiday of peace and work. Ukraina no. 19, 2 My '62.

MOSCOW—MEDICAL COLLEGES
Preisman, A. B. [Moscow Medical and Surgical Academy; a historical essay] Moskovskaia mediko-khirurgicheskaia akademiia, istoricheskii ocherk. Moskva, Medgiz, 1961. 110 p.

MOSCOW—MONUMENTS
The founder of scientific communism. Stroi. i arkhit. Moskv. 10 no. 11:11 N '61.

MOSCOW—MOTION-PICTURE PLAYS
French Film Week. Kul't. i zhizn' 6 no. 2:30 '62.

MOSCOW—MURAL PAINTING AND DECORATION
Thesis is defended in the street. Moskva 6 no. 1:172-173 '62.

MOSCOW—MUSIC, UKRAINIAN
Winged song. Oleksandr Lebedynets'kyi. Mystetstvo 8 no. 3:11-12 My-Je '61.

MOSCOW—MUSIC HALLS (VARIETY THEATERS, CABARETS, ETC.)
Youth on the way. L. Chereiskii. Teatr 23 no. 5, 167-168 My '62.

MOSCOW—MUSICIANS
Guests from the Urals. A. Gotlib. Sov. muz. 26 no. 4: 99-101 Ap '62.

MOSCOW—OPERA
For the 1,270th time. G. Kriati. Teatr 23 no. 5:120-122 My '62.
Opera over the telephone. Moskva 5 no. 9:184 '61.

MOSCOW—ORNITHOSIS
Result of studying pigeons (C. livia) for ornithosis in Moscow and vicinity [with summary in English]. Chzhou Kuen' [Chou K'ün] Zhur. mikrobiol., epid. i immun. 33 no. 3:115-117 Mr '62.

MOSCOW—ORTHODOX EASTERN CHURCH
Congratulating His Holiness Patriarch Alekseii at Christmas. Zhur. Mosk. Patr. no. 2:11 F '62.
News from the Moscow Diocese. Zhur. Mosk. Patr. no. 2, 20 F '62.

MOSCOW—PAINTINGS, ETHIOPIAN—EXHIBITIONS
Exhibition of Ethiopian painting. S. Erlashova. Iskusstvo 25 no. 3:41-46 '62.

MOSCOW—PEDDLERS AND PEDDLING
Store arrived.... V. Bocharova. Smena 39 no. 8:21 Ap '62.

MOSCOW—PIONEERS (COMMUNIST YOUTH)
Friends of the Pioneers. N. I. Vanichkina. Nach. shkola 30 no. 5:73-76 My '62.

MOSCOW—POLITICS AND GOVERNMENT
[Bulletin of the Moscow Executive Committee.] Biul. Ispol. kom. Mosk. gor. sov. no. 5 Mr '58; no. 23 D '59, nos. 3, 6 F-Mr '62.

MOSCOW—POSTAL SERVICE
Technical equipment of the Moscow mail transportation enterprises. G. G. Shakh-Nazarov. Vest. sviazi 22 no. 4:19-21 Ap '62.

MOSCOW—PROSTHESIS
Thank you! Gennadii Filimonov. Sots. obesp. 23 no. 5: 52-53 My '62.

MOSCOW—PUBLISHERS AND PUBLISHING
I. S. Turgenev and the publishing house of the Salaev brothers in Moscow. A. G. Mironov. Kniga; issl. i mat. 5:323-356 '61.

MOSCOW—RADIO INDUSTRY—QUALITY CONTROL
Production quality and material incentives. N. Fomichev. Sots. trud 7 no. 1:50-52 Ja '62.

MOSCOW—RAILROADS, INDUSTRIAL—SAFETY MEASURES
Dangerous miracles, feuilleton. I. Buzylev. Okhr. truda i sots. strakh. 5 no. 3:28-29 Mr '62.

MOSCOW—RESTAURANTS, LUNCHROOMS, ETC.
Members of the Communist Youth League are the managers of this coffeehouse. F. Viktorov. Obshchestv. pit. no. 1:9-11 Ja '62.
Provide Moscow population with excellent restaurants. Obshchest. pit. no. 3, 52-54 Mr '62.

MOSCOW—SOCIALIST COMPETITION
In the Il'ich plant. A. Senin. Moskva 5 no. 9:15-17 '61.

MOSCOW—SOVIETS
Groups of deputies. A. Selivanov, I. Duda. Rad. pravo no. 2, 38-41 Mr-Ap '62.

MOSCOW—STRING QUARTET
The Beethoven Quartet. B. Dobrokhotov. Sov. muz. 26 no. 1:111 Ap '62.

MOSCOW—SUBURBS AND ENVIRONS
Now let's talk about Kolomenskoye. N. Chetunova. Moskva 6 no. 1:193-194 '62.

MOSCOW—SYMPHONY ORCHESTRAS
The Eastman Orchestra in Moscow. I. Nest'ev. Sov. muz. 26 no. 1:105-107 Ap '62.
Splendid group. B. Khaikin. Sov. muz. 26 no. 4:107-109 Ap '62.

MOSCOW—TEXTILE INDUSTRY
Political propaganda during evening and night shifts. V. Samarets. Agitator no. 6:10-11 Mr '62.

MOSCOW—TEXTILE WORKERS
Joy of our mothers, sisters and girl friends. V. Fedorova. Okhr. truda i sots. strakh. 5 no. 3:8-9 Mr '62.
Wonder-workers. Moskva 5 no. 9:169 '61.

MOSCOW—THEATER
"Aleksei Berezhnoi." E. Kholodov. Teatr 23 no. 5: 107-109 My '62.
"Colleagues." K. Shcherbakov. Teatr 23 no. 5:98-100 My '62.
Everyone passed swiftly before us. . Teatr 23 no. 5: 150-153 My '62.
For great human culture. V. Komissarzhevskii. Kul't. i zhizn' 6 no. 2:37-38 '62.
"Game without rules." O. Dzubinskaia. Teatr 23 no. 5: 100-102 My '62.
"Rifle 492116." B. Medvedev. Teatr 23 no. 5:106-107 My '62.

MOSCOW—TRADE UNIONS
Ksenila Gudkova and her assistants. Okhr. truda i sots. strakh. 5 no. 4:19 Ap '62.
Misuses in granting assignments to sanatoriums and rest homes. Okhr. truda i sots. strakh. 5 no. 4, 45 Ap '62.

MOSCOW—VIEWS
Moskva. Moscow. [Red. L. Sushilina]. Moskva, Gos. izd-vo izobr. iskus., 1958. 163 p. of illus. (NNC)

MOSCOW—WAGES—CONFECTIONERS
Struggle for quality of production and the bonus system at the "Udarnitsa" Factory. V. Klapovskii. Sots. trud 7 no. 1, 111-115 Ja '62.

MOSCOW—WOMEN—EMPLOYMENT
Joy of our mothers, sisters and girl friends. V. Fedorova. Okhr. truda i sots. strakh. 5 no. 3:8-9 Mr '62.

MOSCOW, BATTLE OF, 1941-1942
The Moscow zone of defense. K. Telegin. Voen.-ist. zhur. 4 no. 1:35-36 Ja '62.

MOSCOW BASIN—GAS, NATURAL—GEOLOGY
Method of studying the Moscow synecline. D. P. Kasatkin. Geofiz. razved. no. 6:84-86 '61.

MOSCOW BASIN—LUNGS—DUST DISEASES
Pneumoconioses in the Moscow Basin [with summary in English]. M. N. Gol'denberg. Gig. truda i prof. zab. 6 no. 3:34-38 Mr '62.

MOSCOW BASIN—MINE ROOF BOLTING
Using the photoelastic method to study the rock of a mine roof in the stressed state in supporting it with rod bolting. E. A. Zimina. Izv. vys. ucheb. zav., gor. zhur. no. 3, 19-24 '61.

MOSCOW BASIN—PETROLEUM GEOLOGY
Method of studying the Moscow synecline. D. P. Kasatkin. Geofiz. razved. no. 6, 84-86 '61.

MOSCOW BASIN—TITANIUM
Distribution of titanium minerals and zircon in the sediments of the Yasnaya Polyana suprahorizon in the Moscow Basin. B. G. Vinogradov. Sov. geol. 5 no. 4:100-103 Ap '62.

MOSCOW BASIN—ZIRCON
Distribution of titanium minerals and zircon in the sediments of the Yasnaya Polyana suprahorizon in the Moscow Basin. B. G. Vinogradov. Sov. geol. 5 no. 4, 100-103 Ap '62.

MOSCOW PROVINCE—DISABILITY EVALUATION
Good luck! P. Semidetova. Sots. obesp. 23 no. 4, 34-36 Ap '62.

MOSCOW PROVINCE—FARM BUILDINGS—FIRES AND FIRE PREVENTION
Summer is toil time. V. Smirnov. Pozh. delo 8 no. 1: 5-6 Ap '62.

MOSCOW PROVINCE—FOREST MANAGEMENT
Unnecessary hurry. N. A. Urre. Izv. vys. ucheb. zav., lesn. zhur. 4 no. 6, 47-50 '61.

MOSCOW PROVINCE—FURNITURE INDUSTRY
The furniture industry of Moscow region increases its production output. Der. prom. 11 no. 4:25 Ap '62.

MOSCOW PROVINCE—PINE
Effect of various densities of planting on the growth of the Scotch pine. A. M. Pinchuk. Trudy Inst. lesa i drev. 50:43-48 '61.
Phytoclimatological characteristics of even-aged pine plantations of various densities. A. M. Pinchuk, L. P. Rysin. Trudy Inst. lesa i drev. 50:89-103 '61.

MOSCOW PROVINCE—RUBBER INDUSTRY—FIRES AND FIRE PREVENTION
People of a factory. G. Borisova. Pozh. delo 8 no. 4: 7-9 Ap '62.

MOSCOW PROVINCE—SCHOOLS—FIRES AND FIRE PREVENTION
Don't stay aside. G. Urov. Pozh. delo 8 no. 4:9 Ap '62.

MOSCOW PROVINCE—SPRING
April contrasts. A. P. Moiseev. Priroda 51 no. 4:126-127 Ap '62.

MOSCOW REGION—BARK BEETLES
Observations on the bark beetle Dendroctonus micans Kug. in the Moscow region [with summary in English]. N. I. Mel'nikova. Zool. zhur. 41 no. 2:234-240 F '62.

MOSCOW REGION—CHAETETIDAE
Visean and Namurian chaetetids from the Moscow region. T. A. Spiro. Paleont. zhur. no. 4:24-26 '61.

MOSCOW REGION—KARST
Effect of man's activity on the intensity of the karst process in the Moscow region. F. V. Kotlov. Inform. sbor. Mezhd. kom. po izuch. geol. geogr. kar. no. 1:95-113 '60.

MOSCOW REGION—NAUTILOIDEA, FOSSIL
A new subspecies Mosquoceras tschernyschewi. N. N. Kallandadze. Paleont. zhur. no. 4:158-160 '61.

MOSCOW REGION—OAK
Experience in planting oak in clusters in the vicinity of Moscow [with summaries in English, German, and French]. P. S. Kondrat'ev. Vest. sel'khoz. nauki 7 no. 3:128-132 Mr '62.

MOSCOW UNIVERSITY
"From the history of scientific thought in Russia" by L. S. TSetlin. Reviewed by IU. G. Perel'. Vop. ist. est. i tekh. no. 12, 228-229 '62.
Moscow University, named after M. V. Lomonosov. G. D. Vovchenko, IU. A. Saltanov. Vop. ist. est. i tekh. no. 12, 157-160 '62.

MOSKVA RIVER—EROSION
Erosion of the banks of the Moskva River and its effect on landslide processes. V. V. Kiuntsel'. Razved. i okh. nedr 28 no. 3:41-45 Mr '62.

MOSKVA RIVER—INLAND WATER TRANSPORTATION
Redesigning the Moskva River water system. A. Samarin. Rech. transp. 21 no. 3:30-33 Mr '62.

MOSQUITOES
Biology of the house mosquito Culex pipiens molestus Forsk. (Diptera, Culicidae) [with summary in English]. E. I. Kal'chenko. Ent. oboz. 41 no. 1:94-98 '62.
"A synoptic catalog of the mosquitoes of the world (Diptera, Culicidae)" [in English] by A. Stone, K. L. Knight and H. Starcke. Reviewed by A. V. Gutsevich. Ent. oboz. 41 no. 1:246-247 '62.

MOSQUITOES—EXTERMINATION
Artificial wave generator for controlling the development in water of blood-sucking mosquitoes. D. A. Trimpolets. Gig. i san. 26 no. 5:91 My '61.

MOTH FLIES—EXTERMINATION
Use of aerosols in fighting carriers of cutaneous leishmaniasis. E. B. Kerbabaev and others. Zdrav. Turk. 6 no. 1:29-31 Ja-F '62.

649060 O - 62 - 13

MOTH FLIES—MICROBIOLOGY

Rate of the pathogen of visceral leishmaniasis in the body of Phlebotomus (comparative infectiousness of Phlebotomus) A. I. Lisova. Med. zhur. Uzb. no. 2: 35-39 F '62

Study of the vectors of the virus of papataci fever in an experiment. E. V. Finogenova. Med. zhur. Uzb. no. 2: 39-41 F '62

MOTHERS

Mother of a soldier. Iu. Avdeenko. Starsh. -serzh. no. 3: 1 Mr '62

MOTHERS—MORTALITY

Lowering the incidence of maternal death in obstetrical pathology. M. S. Solov'eva. Sbor. nauch. rab. Kaf. akush. i gin. GMI no. 1: 31-35 '60

Role and significance of gynecological consultation in the prevention of maternal death from extragenital diseases. M. S. Solov'eva. Sbor. nauch. rab. Kaf. akush. i gin. GMI no. 1: 26-30 '60

MOTHER'S PENSIONS

In what cases is the mother of a deceased provider granted a pension. Iu. Urbugskii. Otv. na vop. trud. no. 12: 54-56 D '61

MOTHS

Revision of the palearctic moth of the genus Nemapogon Schr. (Lepidoptera, Tineidae). A. K. Zagulaev. Ent. obozr. 41 no. 1: 182-189 '62.

MOTION

Motion of rigid-plastic bodies in a resistant medium. G. S. Shapiro. Prik. mat. i mekh. 26 no. 2: 344-345 Mr-Ap '62

MOTION-PICTURE CARTOONS

Masters of motion-picture cartoons speak. Isk. kino no. 3: 130-141 Mr '62.

MOTION-PICTURE COMEDIES see Comedy films

MOTION-PICTURE FILM COLLECTION

"Motion-picture, photographic, and sound recording archives, a textbook" by A. A. Kuzin. Reviewed by B. N. Bogatov, I. S. Fesunenko. Vop. arkh. 7 no. 1: 117-119 Ja-Mr '62.

MOTION-PICTURE INDUSTRY see subdivision under United States

MOTION-PICTURE MUSIC

New trends in foreign motion-picture music. G. Troitskaia. Isk. kino no. 4: 129-131 Ap '62.

An open letter to two ministers. M. Romm and others. Isk. kino no. 3: 63 Mr '62.

MOTION-PICTURE PHOTOGRAPHY

False passions. V. Shumskii. Isk. kino no. 4: 98 Ap '62.

Place of the motion-picture cameraman. V. Monakhov. Isk. kino no. 4: 99 Ap '62.

Shortest route. L. Kaisev. Isk. kino no. 4: 97-98 Ap '62.

MOTION-PICTURE PHOTOGRAPHY—EQUIPMENT AND SUPPLIES

[Photographic and motion-picture equipment and optical instruments] Ref. zhur. Otd. vyp. 40: Foto-kinoapp. i opt. prib. nos. 6-8 Mr-Ap '62.

MOTION-PICTURE PHOTOGRAPHY, TRICK

Gorbachev, B. K. [Techniques of composite motion-picture photography] Tekhnika kombinirovannykh s"emok. Izd. 2. Moskva, Gos. izd-vo "Iskusstvo," 1961. 274 p.

MOTION-PICTURE PLAYS

(see also subdivision under France; Germany, East; Italy; Japan; Moscow; Rumania; Spain; Ukraine; United States, Uzbekistan)

Dramaturgy of characters and character of dramaturgy. I. Vaisfel'd. Isk. kino no. 4: 82-88 Ap '62.

"40 days." Sov. voin. 44 no. 8: 45 Ap '62.

From everywhere. Isk. kino no. 3: 160-164 Mr '62.

His view. N. Lordkipanidze. Isk. kino no. 4: 9-12 Ap '62.

An hour and a half of thought. L. Pogozheva. Isk. kino no. 4: 3-9 Ap '62.

"Lenin in Poland"; a great portrayal. Evg. Gabrilovich. Oktiabr' 39 no. 1: 62-91 Ja '62.

Motion-picture dramaturgy today and tomorrow. Jerzy Kavalerowicz and others. Isk. kino no. 4: 89-96 Ap '62.

Motion-picture schedule. Isk. kino no. 3: 165-168 Mr '62.

Motion-picture schedule. Isk. kino no. 4: 141-144 Ap '62.

Not believing in a purpose... IA. Bilinkis. Isk. kino no. 3: 120-122 Mr '62.

On screens of the world. Heorhii Zhurov. Mystetstvo 8 no. 3: 33-36 My-Je '61.

On the other side of pity. M. Turovskaia. Isk. kino no. 4: 18-23 Ap '62.

Promote the good and prevent the bad! Isk. kino no. 3: 1-4 Mr '62.

Pyr'ev against Pyr'ev. A. Vartanov. Isk. kino no. 4: 13-17 Ap '62.

Rachuk, I. A. [The motion-picture poem "Tale of flaming years."] Kinopoema "Povest' plamennykh let." Moskva, Voen. izd-vo M-va oborony SSSR, 1962. 63 p. illus.

Ten best films selected by the critics. Isk. kino no. 4: 135 Ap '62

Through the pages of the foreign press. S. Tokarevich. Isk. kino no. 3: 158-159 Mr '62.

To be worthy of the times. Sil'viia Serbetchykova. Mystetstvo 9 no. 1-3 Ja-F '62.

Vaisfel'd, I. V. [Skill of the scenarist] Masterstvo kinodramaturga. Moskva, Sovetskii pisatel', 1961. 302 p.

"War and peace" in the "Mosfil'm" studio. Il'ia Shneider. Moskva 6 no. 1: 219-223 '62.

MOTION-PICTURE PLAYS—BIBLIOGRAPHY see Bibliography—Motion-picture plays

MOTION-PICTURE PROJECTION

Irskii, G. L. [Lighting equipment and techniques in motion-picture projection] Svetotekhnika kinoproektsii. Moskva, Gos. izd-vo "Iskusstvo," 1961. 263 p.

Valia Sych, a motion-picture operator. V. Baida. Rab. i stat. 38 no. 1: 20 Ja '62.

MOTION-PICTURE STUDIOS see subdivision under Kiev; Leningrad

MOTION-PICTURE THEATERS

(see also subdivision under Uzbekistan)

Working with books in motion-picture theaters. V. Mikheev. Bibliotekar' no. 4: 34 Ap '62.

MOTION-PICTURE THEATERS—EQUIPMENT AND SUPPLIES

[Manual for the rural motion-picture operator and mechanic] Spravochnaia kniga sel'skogo kinomekhanika. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 448 p.

MOTION-PICTURE THEATERS—FINANCE

Control in supplying credit for the building of motion-picture theaters. S. Chernikov. Den. i kred. 20 no. 4: 49-55 Ap '62.

MOTION PICTURES

(see also subdivision under France; White Russia)

Multinational Soviet motion pictures. D. Pisarevskii. Isk. kino no. 4: 100-111 Ap '62

The 22d Congress of the Party and Soviet motion pictures; report of the Presidium to the 4th Plenum of the Organizational Committee of the Union of Motion-Picture Employees of the U. S. S. R. Isk. kino no. 4 supplement: 16p Ap '62.

MOTION PICTURES—CENSORSHIP see subdivision under Italy

MOTION PICTURES—PLOTS, THEMES, ETC. see subdivision under United States

MOTION PICTURES—PRODUCTION AND DIRECTION

Group work is needed! L. Sukharevskaia. Isk. kino no. 3: 83-85 Mr '62.

On the "seconds of creativity" and on what precedes them. I. Savvina. Isk. kino no. 3: 85-87 Mr '62.

Thoughts on the motion-picture actor. Michelangelo Antonioni. Isk. kino no. 3: 103-104 Mr '62.

To director Michelangelo Antonioni. Aleksei Batalov. Isk. kino no. 3: 104-107 Mr '62

MOTION PICTURES, ANTIRELIGIOUS

"How I renounced faith." D. Koretskyi. Voiov. ateist no. 5: 54-55 My '62.

MOTION PICTURES, DOCUMENTARY

(see also subdivision under Africa; Ukraine; Uzbekistan)

Joy of work. B. Iogansen. Isk. kino no. 4: 30 Ap '62.

Yesterday and today. I. Posel'skii. Isk. kino no. 3: 145-146 Mr '62.

MOTION PICTURES IN EDUCATION

(see also subdivision under Voronezh Province)

Let's make better use of the educational possibilities of motion pictures. S. I. Arkhangel'skii and others. Vest. vys. shkoly 20 no. 4: 23-34 Ap '62.

"Motion pictures and filmstrips in an institution of higher learning" by B. V. Kubeev. Book review. Vest. vys. shkoly 20 no. 4: 96 Ap '62.

Motion pictures as an efficient means of communist education. N. IA. Kozata'ka. Rad. shk. 40 no. 4: 96 Ap '62.

Where are you, the education enthusiasts of motion pictures? Isk. kino no. 4: 81 Ap '62.

MOTION PICTURES IN INDUSTRY

Motion pictures on industrial hygiene. Okhr. truda i sots. strakh. 5 no. 3: 42 Mr '62.

MOTION PICTURES IN MEDICINE

The best medicine; a popular science film. V. IA. Lagutina. Zdorov'e 8 no. 4: 32 Ap '62.

A gift of humanity; a popular science film. V. Tret'iakov, B. Lebedev. Zdorov'e 8 no. 3: 32 Mr '62.

MOTION PICTURES IN MILITARY EDUCATION

Open a "green street" to filmstrips. V. Markeev. Starsh. -serzh. no. 3: 30 Mr '62.

MOTION PICTURES IN SCIENCE

On our automat friends. V. Akhutin. Isk. kino no. 3: 125-129 Mr '62.

Portrayal of the unportrayable. Daniil Danin. Isk. kino no. 3: 142-144 Mr '62.

MOTION PICTURES IN SPORTS

Use of motion pictures in gymnastic training. V. R. Fezner. Teor. i prak. fiz. kul't. 25 no. 3: 62-64 Mr '62.

MOTOR FUELS—TESTING

Russia (1923- U. S. S. R.) Glavnoe upravlenie lokomotivnogo khoziaistva. [Instructions for workers of technochemical laboratories testing the quality and use of petroleum products in locomotives and diesel and electric trains] Instruktsiia dlia rabotnikov khimiko-tekhnicheskikh laboratorii po kontroliu kacheatva i primeneniia nefteproduktov na lokomotivakh, dizel'-poezdakh i elektroagregatakh. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 55 p.

MOTOR VEHICLES

Hrodeskul, A. B. [New Soviet-made motor vehicles] Novi radians'ki avtomobili. Kyiv, 1961. 51 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 7, no. 11)

MOTOR VEHICLES—BIBLIOGRAPHY see Bibliography—Motor vehicles

MOTOR VEHICLES—BODIES

Dolmatovskii, IU. A. [Fundamentals of the design of motor-vehicle bodies] Osnovy konstruirovaniia avtomobil'nykh kuzovov. Izd. 2., perer. Moskva, Mashgiz, 1962. 318 p.

MOTOR VEHICLES—BRAKES

Pneumatic drive for emergency braking. I. Matikashvili, A. Nozadze. Avt. transp. 40 no. 4: 42-43 Ap '62.

MOTOR VEHICLES—BRAKES—TESTING

Device for testing valves of the main braking cylinder. R. Onishchik. Avt. transp. 40 no. 4: 55 Ap '62.

MOTOR VEHICLES—DICTIONARIES

Malukhovskii, IA. E., comp. [German-Russian motor vehicle and tractor dictionary] Nemetsko-russkii avtotraktornyi slovar'. Moskva, Glav. red. inostr. nauchno-tekhn. slovarei Fizmatgiza, 1961. 323 p., illus.

MOTOR VEHICLES—DYNAMICS

Mobility of motor vehicles on a broken terrain. M. S. Frenkin. Avt. prom. 28 no. 4: 44-3 of cover Ap '62.

MOTOR VEHICLES—ELECTRIC EQUIPMENT

New trends in the development of motor-vehicle a.c. generators. M. L. Freznskii. Avt. prom. 28 no. 4: 31-34 Ap '62

MOTOR VEHICLES—ENGINES

Selecting the combination of parameters for the crank-gear of short-stroke engines. B. M. Pokornyi. Avt. prom. 28 no. 4: 1-4 Ap '62

MOTOR VEHICLES—LIGHTING

Adjustment of headlights. I. Korobchenko. Avt. transp. 40 no. 4: 45-46 Ap '62.

MOTOR VEHICLES—MAINTENANCE AND REPAIR

Kolesnik, P. A., and N. D. Morozov. [Materials used in motor vehicles and tires; manual for an automobile mechanic] Avtomobil'nye materialy i shiny; posobie avtomekhanika. Izd. 3., perer. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shossetsnykh dorog RSFSR, 1962. 221 p.

Rozenberg, L. I. [Conditions for washing motor-vehicle parts] Rezhimy moiki avtomobil'nykh detalei. Moskva, Avtotransizdat, 1962. 22 p.

MOTOR VEHICLES—TESTING

Luney, I. S. [Strain measurement in motor vehicle parts] Tenzometrirovanie detalei avtomobilia. [By] N. I. Vorontsova i dr. Pod red. I. S. Luneva. Moskva, Mashgiz, 1962. 230 p.

MOTORBOATS

Manzhos, IU. A. [Sport boats with outboard motors] Sportivnye suda s podvesnymi motorami. Leningrad, Sudpromgiz, 1962. 107 p.

Motorboat "Shark." Sudostroenie 28 no. 1: 30-40 Ap '62.

"PK-10" cutter. Sudostroenie 28 no. 3: 34-39 Mr '62.

MOTORBUSES

Turn out motorbuses with necessary equipment. G. Deligopolov. Avt. transp. 40 no. 4: 51 Ap '62.

The "Ukraine" motorbuses. K. M. Atolan. Avt. prom. 28 no. 4: 42-44 Ap '62.

MOTORBUSES—MAINTENANCE AND REPAIR

Moscow. Nauchno-issledovatel'skii institut avtomobil'nogo transporta. Leningradskii filial. [Maintenance charts for the ZIL-158 motorbus] Tekhnologicheskie i postovye karty tekhnicheskogo obsluzhivaniia avtobusa ZIL-158. Moskva, Avtotransizdat, 1961. 143 p.

MOTORLESS FLIGHT see Gliding and soaring

MOTORSHIPS

New type of dry-cargo motorship. A. Dorokhov. Mor. flot 22 no. 4: 24-26 Ap '62.

MOTORSHIPS—COST OF OPERATION
Ways of increasing the speed and the advantageousness of "Rossiia"-type diesel-electric motorships N. Efremov. Rech. transp. 21 no. 4:46 Ap '62

MOTORTRUCKS
(see also subdivision under Czechoslovakia, France)
Determination of the principal design and the calculated parameters of trash trucks. E. M. Bukreev. Sbor. nauch. rab. AKKH no. 3:155-176 '60
Efficiency of motor trucks. B. M. Seredenko Pyt. ekon. sil', hosp. URSR no. 3:85-101 '61.
New truck of small tonnage Sov. torg. 35 no. 4:17 Ap '62.
A truck for hauling hay. A. Gorbov. Tekh. v sel'khoz. 22 no. 4:87 Ap '62.

MOTORTRUCKS—COLD WEATHER OPERATION
Preheating heating of steam in engines of the ZIL-150 (151) trucks kept out of doors in winter. N. P. Protopopov, Izv. vys. ucheb. zav. les. zhur. 4 no. 6:89-91 '61.

MOTORTRUCKS—FUEL CONSUMPTION
The fuel consumption of ANZh-2 trucks should be standardized. A. Adrianov. Tekh. v sel'khoz. 22 no. 1. 89-90 Ap '62.

MOTORTRUCKS—STEERING GEAR
Power steering of the ZIL-130 motor trucks. Kh. Bien, G. Syrkin, E. Gonikberg. Avt. transp. 40 no. 4:37 41 Ap '62.

MOTORTRUCKS—TRANSMISSION DEVICES
Power-take-off box for the ZIL-157K motor truck engine. S. Kuznetsov. Avt. transp. 40 no. 4 43-44 Ap '62.

MOTORTRUCKS, MILITARY
Third trip along the Equator. I. Shaforost. Starsh. serzh. no. 3, 14-15 Mr '62.

MOUNTAINEERING—ABSTRACTS
[Regional studies] Ref. zhur. Otd. vyp. 35: Kraeved. nos. 1-4 Ja-Ap '62.

MOUTH—MICROBIOLOGY
Biology of some coccal micro-organisms of the oral cavity. I. IU. Demikhovskyi. Mikrobiol. zhur. 23 no. 4:53-57 '61.

MOVEMENT, PSYCHOLOGY OF
Development of hand movements in the child during the first half year of life [with summary in English]. M. IU. Kistiakovskaia. Vop. psikhol. 8 no. 1:89-100 Ja-F '62.

MOZHAEV, BORIS
"Santa Icy road. Keen observer" by Boris Mozhaev. Reviewed by I. Zolotusskii. Oktiabr' 38 no 4:216-217 Ap '62.

MOZHAISKII, ALEKSANDR FEDOROVICH, 1825-1890
Aleksandr Fedorovich Mozhaiskii, creator of the first airplane. Av. prom. 26 no. 8, 76 '57.

MUD-SCOWS see Scows

MUGODZHAR HILLS—COPPER ORES
Conditions governing the formation of the Dzhangana copper deposit in the Mugodzhar Hills. IU. V. Bogdanov. Trudy VSEGEI 60. 31-36 '61.

MUGREYEVSKIY REGION—PEAT BOGS
Study of the regime of underground water and determination of the extent of infiltration during the draining of peat deposits by deep channels spaced far apart E. S. Dzektser Izv. vys. ucheb. zav., gor. zhur. 5 no 2: 70-74 '62

MUHU SOUND—WORLD WAR, 1939-1945
Twentieth anniversary of the heroic defense of the Muhu Sound Archipelago. IU. Chernov Voen.-ist. zhur. 4 no 1:121-123 Ja '62.

MULTIGRAPH
Cytomatic and distributional properties of multigraphs. A. A. Zykov. Dokl. AN SSSR 143 no. 6:1264-1267 Ap '62.

MULTIPLE SCLEROSIS
Multiple sclerosis and pregnancy. V. A. Gusev. Sbor. nauch. rab. Kaf. akush. i gin. GMI no 1:42-43 '60.

MULTIPLIER PHOTOTUBES see Photoelectric multipliers

MUMMIES
Discovery of a mummified seal in the Schirmacher oasis V. Bardin. Inform. biul. Sov. antark. eksp. no 31, 54-55 '61.

MUNCH, EDVARD, 1863-1944
Exhibition of Edvard Munch's engravings. B. Zernov. Soob. Gos. Erm. no. 21:61 '61.

MUNICIPAL ENGINEERING
Kostomarov, V. M. [Streams, ponds and reservoirs in cities] Gorodskie vodoemy. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1961. 63 p.

MUNICIPAL SERVICES
Russia (1917- R. S. F. S. R.) Ministerstvo kommunal'nogo khoziaistva Tekhnicheskoe upravlenie. [Organization of public services and amenities in cities; technical information] Blagoustroistvo gorodov; nauchno-tekhnicheskii informatsionnyi sbornik. Moskva, Izd-vo M-va kommun. khoz RSFSR, 1961. 114 p. (Novaia tekhnika zhilishchno-kommunal'nogo khoziaistva)

MUNITIONS see subdivision under France

MURACH, NIKOLAI NIKIFOROVICH, 1890-1962
Nikolai Nikiforovich Murach, an obituary. TSvet. met. 35 no. 4 81-82 Ap '62.

MURAL PAINTING AND DECORATION see subdivision under Moscow; Pendzhikent

MURDER
Accumulation of criminal evidence I Romanov Sots. zakon. 39 no. 3 66-70 Mr '62
Case No. 316 I Naimark. Rad. pravo no 2:79-81 Mr-Ap '62.
Intensification of the struggle against vicious criminal offenses. F. G. G. M Sots. zakon. 39 no. 3 81-82 Mr '62.

MURMANSK—RICKETS
Seasonal and age characteristics of rickets in children beyond the Arctic Circle. S. M. Gershkovich, V. IA. Belogorskii. Pediatriia no. 4:54-59 '62.

MUSCLE
Elements of voluntary relaxation of the skeletal muscles. V. L. Fedorov. Fiziol. zhur. 48 no. 3 357-360 Mr '62.
Resistance of muscle and brain tissues to the action of alternating agents in some representatives of vertebrate animals. Z. I. Baibashova, V. V Vasil'eva. Fiziol. zhur. 48 no. 3:337-341 Mr '62.
Study of the oculocardine reflex at various moments of static muscular effort [with summary in English]. V. I. Dedlovskaia. Biul. eksp. biol. i med. 53 no. 4:21-25 Ap '62.

MUSCLE RELAXANTS
Bronchoscopic study under anesthesia using muscle relaxants [with summary in English]. G. L. Feofilov and others. Sov. med. 25 no. 1:93-99 Ja '62

MUSCLES
Characteristics of the electromyogram in voluntary muscular contraction in old age [with summary in English] S. I. Fudel'-Osipova, F. E. Grishko. Biul. eksp. biol. i med. 3[i. e. 53] no. 3:14-19 Mr '62
Effect of stretching on isolated skeletal muscles in frogs. L. Sh. Ganelina. TSitologiia 4 no 1:32-41 Ja-F '62.
Heat resistance of muscles and cholinesterase and its correspondence to the temperature conditions of the specific environment of certain fishes. A. A. Kusakina. TSitologiia 4 no. 1:68-71 Ja-F '62.
Lactic acid content in chicken embryo muscles in insulin hypoglycemia [with summary in English]. L. G. Leibson and others. Biul. eksp. biol. i med. 3[i. e. 53] no. 3: 39-43 Mr '62.
Morphology of auxiliary respiratory muscles in some mammals M. I. Bickhman Trudy AZVI 9, 334-342 '56.
Rhythmic vibrations of the biopotential of the neuromuscular apparatus of the stomach and small intestine. E. A Krasnov. Trudy Inst. klin. i eksp. khir. AN Kazakh SSR no. 7, 118-136 '61.
Studying the heat resistance of isolated muscles of "large" and "small" Trachurus trachurus from the Black Sea. IU. P Altukhov TSitologiia 4 no. 1, 72-78 Ja-F '62.

MUSCLES—CANCER
Rest potential of the cells of transplanted rhabdomyosarcoma. K. P. Balitskii, E. P. Shuba. Vop. onk. 8 no. 3: 72-76 '62

MUSCLES—DISEASES
Acute dermatomyositis. N. A. Guvrikov. Klin. med. no. 8, 121-122 '61.
[Multivolume manual on pathological anatomy] Mnogotomnoe rukovodstvo po patologicheskoi anatomii. Otv. red. A. I. Strukov. Moskva, Medgiz.
Vol. 6. [Pathological anatomy of diseases of the osteoarticular system, muscles, and tendons] Patologicheskaia anatomiia bolezni kostno-sustavnoi sistemy, myshts i sukhozhilii. Red. toma T. P. Vinogradova. 1962. 518 p.
(DNLM)

MUSCLES—INNERVATION
Comparative lability of neuromuscular synapses. S. I. Khrustalev. Farm. i toks. 25 no. 1:90-93 Ja-F '62.
Effect of nerve isolation on some muscle protein indices following the application and removal of a hemostatic tourniquet [with summary in English]. A. A. Novikova. Biul. eksp. biol. i med. 3[i. e. 53] no. 3:43-45 Mr '62.
Presynaptic character of the pessimum in the motor innervation of the smooth muscle [with summary in English]. R. S. Orlov. Biul. eksp. biol. i med. 53 no. 4: 3-7 Ap '62.
Reflex activity of the sternocleodomastoid muscles in ontogenesis [with summary in English]. M. V. Korovina, I. G. Antonova. Biul. eksp. biol. i med. 53 no. 4. 30-34 Ap '62.
Relative refractive properties of the terminal plate of the motor nerve in the skeletal muscle of the frogs. G. A. Nasledov. Fiziol. zhur. 48 no. 3 349-356 Mr '62.
Transfer of impulses from the sympathetic motor nerve to the smooth muscle. R. S. Orlov. Fiziol. zhur. 48 no. 3:342-348 Mr '62.

MUSCLES—MOTILITY
Effect of glutamic acid, asparagin, glycocoll and alanine on the contractile function of skeletal muscle and on its sensitization to potassium ions [with summary in English]. P. E Diablova. Biul. eksp. biol. i med. 3[i. e. 53] no. 3 57-59 Mr '62
Effect of the active reaction of the medium on the difference of the potentials of the musculus gastrocnemius in a frog B. A. Karpov Trudy Semipal. med. inst. 2 129-131 '59.

MUSCLES—TRANSPLANTATION
Free autoplasty of whole muscles [with summary in English] N. N Bosova. Biul. eksp. biol. i med. 3[i. e. 53] no. 3 88-92 Mr '62
Role of the muscle flap in the plastic repair of the bone cavities in chronic osteomyelitis [with summary in English] M. V. Grinev, L. N. Kulik. Vest. khir. no. 4 50-55 '62

MUSCLES—TUMORS
Case of myoblastomyoma in the eye region. V. L. TSvetkov, G. M Bekker Oft. zhur. no 2 112 '62

MUSCULAR SENSE
Interaction of articulatory and digital kinesthesias in deaf children [with summary in English]. E. N. Maltsevskaia. Vop. psikhol. 8 no. 1 101-112 Ja-F '62.

MUSEUMS
(see also subdivision 'Art galleries and museums' under Leningrad)
Improving the role of museums in ideological work F. I. Salov. Vop. arkh. 7 no. 1:25-32 Ja-Mr '62

MUSIC
Assistance given by the Union of Composers to musical theaters. O Ivanov. Sov. muz. 26 no 4 59-62 Ap '62
Brief news. Sov muz 26 no. 1-145-160 Ap '62.
Motley pages. Sov. muz. 26 no. 4, 132-137 Ap '62

MUSIC—HISTORY AND CRITICISM
"On live and dead music" by G Shneerson. Reviewed by IU. Keldysh. Sov. muz. 26 no. 4 141-143 Ap '62.

MUSIC—INSTRUCTION AND STUDY
From the experience of the Gorkiy Conservatory. G Dombaev Sov. muz 26 no 1-114-117 Ap '62.

MUSIC—THEORY see subdivision under Asia, Central

MUSIC, ESTONIAN—HISTORY AND CRITICISM
Remarks of a musician L. Normet Sov. muz. 26 no 4-33-36 Ap '62.

MUSIC, GEORGIAN—HISTORY AND CRITICISM
Develop national culture. A. Shaverzashvili. Sov. muz. 26 no. 4:16-20 Ap '62.
Holiday of music. V. Bogdanov-Berezovskii. Sov. muz 26 no. 1-30-33 Ap '62

MUSIC, KAZAKH
Gorskii, V., and N. Rovenskii, comps. [Ten unforgettable days; the ten-day festival of Kazakh art and literature in Moscow, December 1958] Desiat' nezabyvaemykh dnei; dekada kazakhskogo iskusstva i literatury v Moskve, dekabr' 1958. Alma-Ata, Kazakhskoe Goslitizdat., 1961. 310 p.
(MH)

MUSIC, LATVIAN—HISTORY AND CRITICISM
Bolder and more responsible. P. Pecherskii. Sov. muz. 26 no. 4:36-38 Ap '62.

MUSIC, UKRAINIAN see subdivision under Moscow

MUSIC, UKRAINIAN—HISTORY AND CRITICISM
For music which inspires great deeds. Klymentii Dominchen. Mystetstvo 9 no. 1-3 Ja-F '62.

MUSIC AND COLOR
Colors and sound. O. Drabkin. Znan ta pratsia no. 4:18 Ap '62.

MUSIC CALENDARS
[Music calendar for 1962] Muzykal'nyi kalendar' na 1962 god. Moskva, Gos. muzykal'noe izd-vo, 1961, 255 p.

MUSIC HALLS (VARIETY THEATERS, CABARETS, ETC.) see subdivision under Moscow

MUSICAL FORM
Vladimirov, V. N. [Conversations on music] Besedy o muzyke. [Kalinin] Kalininskoe knizhnoe izd-vo, 1961. 100 p.

MUSICAL INSTRUMENTS
Tikhomirov, G. V. [Instruments of the Russian folk orchestra] Instrumenty russkogo narodnogo orkestra. 2. izd., ispr. i dop. Moskva, Gos. muzykal'noe izd-vo, 1962. 119 p.

MUSICIANS see subdivision under Moscow

MUSICO-CALLISTHENICS
Callisthenics at home. B. M. Sobinov. Zdorov'e 8 no 4: 25 Ap '62

MUTUAL ECONOMIC ASSISTANCE COUNCIL
Activity of the Mutual Economic Assistance Council. Mor. flot 22 no. 4:37 Ap '62
New answers to new questions. O. Lange. Mezhdunar. zhizn' 9 no. 5:75-80 My '62

MYCETOMA
Deep mycosis with skin lesions of the mycetoma type. I. I. Katsnel'son, A. A. Levkov. Vest. derm. i ven. no. 4: 78-80 '62.

MYCOBACTERIUM TUBERCULOSIS
Bactericidal action of some disinfectant preparations on Mycobacterium tuberculosis [with summary in French]. T. N. Iashchenko. Probl. tub. no. 3, 100-101 '62.

MYCOLOGY see Medical mycology

MYCOPLASMA GALLINARIUM
Observations on the course of the chronic respiratory disease in chickens. IA. R. Kovalenko and others. Veterinariia 37 no. 12: 34-42 D '60.

MYCOSIS
(see also subdivision under Alma-Ata Province)
Mycoses in leprosy. V. G. Andreev. Vest. derm. i ven. no. 4: 15-20 '62.

MYOPIA
Myopia and toxoplasmosis [with summary in English]. S. F. Kal'fa, S. B. Dainovskaia. Oft. zhur. 16 no. 3: 155-160 '61.
Projection of ruptures of the retina on to the sclera in myopic eyes [with summary in English]. N. D. Kudriashova. Oft. zhur. no. 2: 75-78 '62.

MYOSITIS see Muscles—Diseases

NAFALAN
Medicinal petroleum. M. Alferova. Neva no. 1: 215-216 '62.

NAFISY, SAID
Said Nafisy, an outstanding scholar and writer of modern Iran. D. S. Komissarov. Nar. Azii i Afr. no. 2: 150-153 '62.

NAFTALAN—HEALTH RESORTS, WATERING PLACES, ETC.
Medicinal petroleum. M. Alferova. Neva no. 1: 215-216 '62.

NAGOL'NYY RIDGE (DONETS BASIN)—MINERALOGY
Physicochemical characteristics of H_2O-CO_2 fluids, a medium for the mineral formation of complex metal veins of the Nagol'nyy Ridge (Donets Basin). V. A. Kalinzhnyi, O. S. Shchyrytsia. Geol. zhur. 22 no. 2: 29-41 '62.

NAILS AND SPIKES—STANDARDS
Roof nails. B. M. Rigmant, A. M. Bichuch, V. A. Savin. Standartizatsiia 26 no. 4: 46 Ap '62.

NAKHICHEVAN A. S. S. R.—FOLDS (GEOLOGY)
Division of Jurassic and Cretaceous sediments according to their rhythms of stratification in the Nakhichevan folded area. Sh. A. Azizbekov, A. E. Bagirov. Izv. AN Azerb. SSR Ser. geol.-geog. nauk no. 6: 17-23 '59.

NAL'CHIK REGION—MINERALS IN SOIL
Distribution of principal trace elements in soils in the vicinity of Nal'chik. V. B. Cherniakhov. Uch. zap. Kab.-Balk. gos. un. no. 8: 87-90 '60.

NAL'CHIK REGION—SOILS
Soils of the city of Nal'chik and its vicinity. K. N. Kerefov, K. I. Maslugin. Uch. zap. Kab.-Balk. gos. un. no. 8: 71-86 '60.

NAMANGAN—HISTORICAL MUSEUMS
Work of the Museum of Local History in the city of Namangan in 1960 and 1961. A. Kh. Valiev. Obshchestv. nauki v Uz. 6 no. 3: 71-72 '62.

NAMES, GEOGRAPHICAL see subdivision under Rumania

NAMES, GERMAN
Transliteration of German first and last names as well as the names of geographical places into the White Russian language. B. P. Barkouski. Pratsy Inst. mov. AN BSSR no. 8: 257-260 '61.

NAMES, PERSONAL—ADYGE
Patronymics of the Adyge. E. L. Kodzhesau. Sov. etn. no. 2: 115-118 Mr-Ap '62.

NAPHTHALENE
Catalytic alkylation of tetralin. Report No. 7. Alkylation of tetralin by alkyl halides in the presence of metallic aluminum. N. I. Shuikin, N. A. Pozdniak, I. N. Lifanova. Izv. AN SSSR. Otd. khim. nauk no. 1: 695-697 Ap '62.
Chemical mechanism of naphthalene hydrogenation over iron catalysts. Yei Shi-pin, TSzian Bin-nan'. Trudy Vost.-Sib. fil. AN SSSR no. 38: 58-60 '61.
Condensation of aldehydes and ketones. Part 10. Diketone condensation of β-acetonaphthalene with aldehydes. M. N. Tilichenko, V. G. Kharchenko. Zhur. ob. khim. 32 no. 4: 1192-1194 Ap '62.
Destructive hydrogenation of methylnaphthalenes in the presence of a WS_2 catalyst. K. A. Pavlova, I. V. Kalechits. Trudy Vost.-Sib. fil. AN SSSR no. 38: 61-67 '61.
Determination of naphthalene in the air of rooms by the spectrophotometric method. M. D. Manita. Gig. i san. 26 no. 5: 47-50 My '61.

NAPHTHALENE—TOXICOLOGY
Evaporation of naphthalene and its maximum permissible concentration in the atmosphere of industrial premises. L. M. Bramson. Gig. truda i prof. zab. 4 no. 6: 50-52 Je '60.

NAPHTALENEDIOL
Fusion of 2-naphthol-4-sulfonic acid with alkalies (naphthoresorcinol and trioxynaphthalene). V. V. Kozlov and others. Zhur. prikl. khim. 35 no. 4: 880-883 Ap '62.

NAPHTHALENESULFINIC ACID
Quantitative determination of some rare elements by means of α-naphthalenesulfinic acid. D. I. Kuznetsov, I. P. Alimarin. Izv. vys. ucheb. zav., khim. i khim. tekh. 5 no. 1: 26-30 '62.

NAPHTHOLSULFONIC ACID
Fusion of 2-naphthol-4-sulfonic acid with alkalies (naphthoresorcinol and trioxynaphthalene). V. V. Kozlov and others. Zhur. prikl. khim. 35 no. 4: 880-883 Ap '62.

NARAYAN, R. K., 1906-
America through the eyes of an Indian. Az. i Afr. segodnia no. 4: 50-51 Ap '62.

NAROVCHATOV, SERGEI
Men in military service. Valerii Demen'tev. Oktiabr' 39 no. 1: 187-194 Ja '62.

NARROW-GAUGE RAILROADS see Railroads, Narrow-gauge

NARVA REGION—ELECTRIC POWER PLANTS
The collective of the Baltic State Regional Electric Power Plant struggles to put the power units into operation ahead of schedule. N. D. Mel'nikov, V. I. Naumov. Energ. stroi. no. 24: 16-18 '61.
First high-capacity electric power plant using oil shales as fuel. B. P. Mgalobelov. Energ. stroi. no. 24: 11-15 '61.

NARVA REGION—ELECTRIC POWER PLANTS—DESIGN AND CONSTRUCTION
Assembling the ash collector system. I. L. Zharzhevskii, G. M. Fedorov. Energ. stroi. no. 24: 77-83 '61.
Assembly and installation of heat control and automatic systems. I. P. Kashkarov, B. I. Poretskii. Energ. stroi. no. 24: 81-86 '61.
Assembly of the elements of the main building and of the auxiliary structures of the State Regional Electric Power Plant. A. I. Suntylov, P. P. Bugaev. Energ. stroi. no. 24: 44-56 '61.
Assembly of turbine units and auxiliary equipment of the machine hall. G. I. Khatetovskii, E. V. Ushkevich. Energ. stroi. no. 24: 60-64 '61.
Basic principles of the organization of the construction of the Baltic State Regional Electric Power Plant. S. M. Bogoiavlenskii. Energ. stroi. no. 24: 24-39 '61.
Earth and rock work. G. I. Moiseev. Energ. stroi. no. 24: 89-93 '61.
General construction work on the main building. G. F. Smirnov. Energ. stroi. no. 24: 56-60 '61.
Organization of brickfacing and heat insulation work. A. N. Polozenko. Energ. stroi. no. 24: 73-77 '61.
Organization of the construction work. E. I. Tarkpea. Energ. stroi. no. 24: 39-44 '61.
Organization of welding operations. D. A. Voronkov, V. G. Dolgikh. Energ. stroi. no. 24: 86-88 '61.
Planning and design problem solutions in connection with the construction of the Baltic State Regional Electric Power Plant. M. P. Ivanov. Energ. stroi. no. 24: 19-24 '61.
Some problems in the assembly of boiler units. I. A. Zmievskii, E. A. Egoshin. Energ. stroi. no. 24: 65-73 '61.
Work quality control. A. A. Allik. Energ. stroi. no. 24: 98-100 '61.

NARVA REGION—EMPLOYEES' BUILDINGS AND FACILITIES
Construction of housing and public service facilities. V. A. Purvin'sh. Energ. stroi. no. 24: 101-102 '61.

NARVA REGION—SPILLWAYS
Construction of the open spillway. M. I. Zolnin. Energ. stroi. no. 24: 93-98 '61.

NASYROVA, KHALIMA
Difficult search. Khalima Nasyrova. Sem'ia i shkola 17 no. 4: 11-14 Ap '62.

NATIONAL PARKS AND RESERVES see subdivision under Kondopoga District

NATIONAL SOCIALISM see subdivision under Germany

NATIONALITIES
Batyrov, Sh. B. [Formation and development of socialist nations in the U. S. S. R.] Formirovanie i razvitie sotsialisticheskikh natsii v SSSR. Moskva, Izd-vo Akad. nauk SSSR, 1962. 366 p.

NATTER, JOHANN LORENZ, 1705-1763
Manuscript of Lorenz Natter in the Hermitage. N. Krasnova. Soob. Gos. Ermit. no. 21: 29-32 '61.

NATURAL GAS see Gas, Natural

NATURAL MONUMENTS see subdivision under Estonia

NATURAL RESOURCES see subdivision under Kamchatka; Kurile Islands

NATURE STUDY
(see also subdivision under Lipetsk Province)
"Along the path of legends" by I. Akimushkin. Reviewed by I. Vronskaia. IUn. nat. no. 3: 34 Mr '62.
April. IUn. nat. no. 4: 12 Ap '62.
Club for "question boxes." IUn. nat. no. 1: 26-27 Ap '62.
"Herald of the young naturalist." L. Kolesnikova and others. IUn. nat. no. 4: 20-21 Ap '62.
March. IUn. nat. no. 3: 12 Mr '62.
Zavitaev, P. A. [Equipment for nature study in grades 1-4; teachers' manual] Oborudovanie zaniatii po izucheniiu prirody v I-IV klassakh; posobie dlia uchitelia. Izd. 6., dop. i perer. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 206 p.

NATURE STUDY—SOCIETIES, ETC. see subdivision under Ural Mountains

NAUTICAL ASTRONOMY
"Nautical astronomy" by B. P. Krasavtsev, B. P. Khlustikin. Reviewed by A. Poltavtsev, N. Tver'e. Mor. flot 22 no. 2: 45 F '62.

NAUTICAL CHARTS see subdivision under Antarctic regions

NAUTICAL INSTRUMENTS
Reliability of navigation equipment. A. Rodionov. Mor. flot 22 no. 1: 16 Ap '62.

NAUTILOIDEA, FOSSIL
(see also subdivision under Moscow region; Podolia)
"Systematics of Late Mesozoic nautiloids with special reference to the Iberian Nautilinae d'Orb" by J. Wiedmann. Reviewed by V. N. Shimanskii. Paleont. zhur. no. 4: 174-177 '61.

NAVAL ARCHITECTURE
Out-of-town Session of the Department on Seaworthiness in the Scientific Technological Society for Shipbuilding. M. M. Bun'kov, I. T. Egorov. Sudostroenie 28 no. 4: 83 Ap '62.

NAVAL ART AND SCIENCE—BIBLIOGRAPHY see Bibliography—Naval art and science

NAVAL DISCIPLINE
Staff officers try to tighten naval discipline. I. Stroganko. Komm. Vooruzh. Sil 2 no. 8: 33-37 Ap '62.

NAVAL EDUCATION
I spare no pains in this! V. Vlasov. Starsh.-serzh. no. 2: 19 F '62.
Warrant Officer Gerasimov's outline of a plan. V. Milanov. Starsh.-serzh. no. 3: 14 Mr '62.

NAVIES see also subdivision 'Navy' under Russia

NAVIGATION
(see also subdivision under Florida, Straits of)
Sailing of a ship on a current. Mor. flot 22 no. 2: 21 F '62.

NAVIGATION—CONGRESSES
Twentieth International Congress of Navigation. P. Cherevko, V. Balanin. Rech. transp. 21 no. 4: 48-53 Ap '62.

NAVIGATION—STUDY AND TEACHING
Ship-Institute. P. Kravets, IU. Vasil'ev. IUn. tekh. 6 no. 3: 25-27 Mr '62.

NAVIGATION, RADAR IN see Radar in navigation

NAVY YARDS AND NAVAL STATIONS, AMERICAN see subdivision under Guantanamo Bay region

NAZAROVO—ELECTRIC POWER PLANTS—COLD WEATHER OPERATIONS

From practices of heat supply to the starter unit at the Nazarovo State Regional Electric Power Plant in connection with a start-up under winter conditions N. IA Turchin. Energ stroi. no. 25 45-50 '61.

NEARSIGHTEDNESS see Myopia

NEBULAE

Multiple peripheral systems M V Dolidze. Astron tsir no 222 16-19 My '61

New planetary nebulae S P Apriamashvili Astron tsir no 222 19-20 My '61

NEGROES see subdivision under United States

NEJEDLÝ, ZDENĚK, 1878-1962

Zdeněk Nejedly, obituary. Sov. muz. 26 no 4:131 Ap '62.

NEKALS

Colorimetric determination of nekal in rubber. N. A Ianakova, A. M. Rakhmanina, Z. N. Orlova. Kauch i rez. 21 no. 4:48-49 Ap '62.

NEKRASOV, NIKOLAI ALEKSEEVICH, 1821-1877

Authentic and imaginary IA. El'sberg. Vop lit. 5 no 12:89-100 D '61.

NEKRASOVSKAYA (KRASNODAR TERRITORY)—STUDENTS, CUBAN

They speak Spanish in the village I ev IUdasin Znan sila 37 no 4:18-21 Ap '62.

NEMATODA

(see also subdivision under Georgia)

Biology of the causative agent of parafilariosis in horses. M. P. Gnedina, A. N. Ostpov. Veterinariia 37 no. 8 49-50 Ag '60.

Biology of the nematode Hexamermis albicans Sieb., 1848, a parasite of some harmful Lepidoptera in Voronezh Province. A. K. Artiukhovskii. Nauch. zap. VLTI 21:19-52 '60

Intra vitam diagnosis of Dictyocaulus infestations. S. V. Bulanov. Veterinariia 37 no 10:77 O '60.

NEMERTINEA

Changes in the ecologic relations of adult worms and the evolution of embryogenesis as exemplified by littoral nemertineans Lineus desori (mihi sp. n.) and Lineus ruber (O. F. Müller, 1774, G. A Schmidt, 1845 [with summary in English] G. A Shmidt. Zool zhur. 41 no 2 166-182 F '62.

NENETSKII, MIKHAIL ALEKSANDROVICH, 1899-1960

Mikhail Aleksandrovich Nenetskii; obituary. M. Kh. Akhmedbabaev and others. Veterinariia 37 no 10:94 O '60.

NEON

Charge exchange of Xe^{3+} and Xe^{4+} ions in neon [with summary in English]. G. N Ogurtsov, I. P Flaks. Zhur. eksp i teor fiz. 42 no. 3,721-724 Mr '62

Photodisintegration of neon nuclei. A. N. Gorbunov, D. K Kaipov, K. G. Kuvatov. Trudy Inst. fiz. AN Kazakh SSR 5 135-140 '62.

NEPHELINE

Method of decomposing the alkali-calcium precipitate obtained in the process of treating nepheline rocks by hydrochemical methods. M. G. Manvelian and others. TSvet. met. 35 no. 4:46-49 Ap '62.

NEPHELINE SYENITE see subdivision under Lovozero Tundras

NEPTUNIUM

Study of the elution of neptunium from the anion exchanger AM E. I. Kazantsev and others. Radiokhimiia 4 no. 1: 81-84 '62.

NERVES

Dependence of the intensity of light scattering in nerve cells on the concentration of certain alternate and the duration of their action. S. V Levin. TSitologiia 4 no. 1, 63-67 Ja-F '62.

NERVES—SURGERY

Results of neurotenorrhaphy on the upper extremities. IU. M. Volobuev. Zdrav. Turk. 6 no. 1:21-24 Ja-F '62.

NERVES, PERIPHERAL—WOUNDS AND INJURIES

Pathogenesis of trophic ulcers in partial injury of the nerve and methods for their prevention. P. A. Perfilov. Nov. khir. arkh. no. 3:70-72 '62.

NERVES, SPINAL

Cytochemical study of the activity of succinic dehydrogenase in the mitochondria of quiescent and excited neurons of the spinal ganglia [with summary in English]. A. A. Bronshtein, T. V. Krestinskaia. Arkh anat gist. i embr. 40 no. 5:39-46 My '61.

Pseudounipolar neurons of the spinal cord in anterior and posterior roots [with summary in English]. P. A. Matavkin. Biul. eksp. biol. i med. 3[i. e. 53] no 3: 105-109 Mr '62.

NERVOUS SYSTEM

Abramian, L. A. [Signal and conditioned reflex; a philosophical essay] Signal i uslovnyi refleks; filosofskii ocherk. Erevan, Izd-vo AN Armianskoi SSR, 1961. 161 p.

Biophysics of neural signaling [with summary in English] P O Makarov, A A. Nevskaia Biul eksp. biol i med 3[i e. 53] no 3 3-7 Mr '62

Central and peripheral effect of aminazine [with summary in English]. E A. Korneva, M. I. IAkovleva. Biul. eksp. biol. i med. 53 no. 4:76-83 Ap '62.

Changes in the higher nervous activity in the second generation of dogs subjected to chronic internal β-irradiation from Sr^{90}. V. A. Nazarov. Radiobiologiia 2 no 2:287-292 '62.

"Conflict" as a method for studying the nervous system in children [with summary in English]. L. I. Umanskii. Vop. psikhol. 8 no. 1:134-142 Ja-F '62.

Higher nervous activity in dogs with a weak type of nervous system during the prolonged administration of hydrocortisone [with summary in English]. N A. Nikolov. Farm i toks. 25 no. 1 3-8 Ja-F '62.

Interrelation of the vascular and nervous systems. V. A. Valdman. Vop pat. krovi i krovoobr. no 5:11-18 '59

Kavetskii, R. E., and others. [Body reactivity and the type of nervous system] Reaktivnost' organizma i tip nervnoi sistemy. Kiev, Izd-vo Akad nauk USSR, 1961. 326 p.

Letter to the editor on V. L. Merkulova's article, "Materials on I. P. Pavlov's attitude towards the use of mathematical methods in studying problems in digestion and higher nervous activity." V. Fedorov. Zhur nevr i psikh 62 no. 1:158 '62.

Materials on electrocardiography in sheep and changes in its indices effected through the central nervous system IA M Skornikov Trudy AZVI 9 205-206 '56.

Neural regulation of the blood under conditions of high temperature. A. IU. IUnusov, Z T. Tursunov. Med zhur Uzb no. 2,53-59 F '62

Relationship between ataractic and other types of central action of some phenothiazine derivatives [with summary in English]. B. I. Liubimov, K. S. Raevskii Farm. i toks. 25 no. 1:24-27 Ja-F '62.

Some changes appearing in the nervous system of irradiated animals under the influence of interoceptive excitation [with summary in English] N. S. Dolitsyna Pat. fiziol. i eksp terap. 5 no. 6:21-25 N-D '61.

Studying the aortic reflex arc during different stages of radiation sickness. A. N. Baiushova. Radiobiologiia 2 no 2:280-286 '62.

NERVOUS SYSTEM—DISEASES

"Biochemical investigations in the psychiatric clinic, methodological directions" by M. A. Chailsov, L. I. Lando. Reviewed by A. V. Sigrist Vop. med. khim 8 no. 2: 221-222 Mr-Ap '62.

"Infectious and toxic diseases of the nervous system." Reviewed by D. Futer. Zhur. nevr i psikh. 62 no. 1: 154-156 '62.

Morozov, G. V., and V. A. Romashenko. [Neuropathology and psychiatry] Nevropatologiia i psikhiatriia. Izd. 2., ispr. Moskva, Medgiz, 1962. 262 p. (DNLM)

Neurological disorders in some helminthiases [with summary in English] N. N. Gavrishova and others Sov med. 25 no. 1:127-130 Ja '62

"Neurorheumatism" by V. V. Mikheev. Reviewed by A. Reznikov. Zhur. nevr. i psikh. 62 no. 1:156-157 '62.

Pathologicchistological changes in the central nervous system in hog cholera. A. I. Averikhin. Veterinariia 37 no. 10:41 O '60.

Problems of neuropathology and psychiatry. Zhur. nevr. i psikh. 62 no. 1;3-14 '62.

Use of radioactive sodium for the purpose of determining the permeability of the vessels in some forms of occupational diseases of the nervous system [with summary in English]. M. N. Ryzhkova and others. Gig. truda i prof. zab no 4,32-35 '62.

NERVOUS SYSTEM—INSECTS

Neuropharmacology of insects. B. Tashmukhamedov. Dokl. AN SSSR 143 no. 6:1468-1469 Ap '62.

NERVOUS SYSTEM, AUTONOMIC

State of the vegetative nervous system in an unusual form of vestibular encephalitis F B Berezin Izv AN Kazakh. SSR. Ser med. i fiziol. no. 2 101-108 '61

NERVOUS SYSTEM, EFFECT OF RADIATION ON

Effect of the electromagnetic field on the central nervous system. IU. A. Kholodov. Priroda 51 no. 4:104-105 Ap '62.

NERVOUS SYSTEM, SYMPATHETIC

Conditions for the appearance of vasodilator effects in the vessels of the extremity during the stimulation of the sympathetic chain. Report No. 2 Vasomotor effects of stimulating the sympathetic chain in hypothermia [with summary in English]. I. M. Rodionov. Biul. eksp. biol. i med. 53 no. 4:16-21 Ap '62.

Localization of acid phosphatase in the nerve elements of the sympathetic ganglia [with summary in English]. A. G. Greten Arkh. anat., gist. i embr. 40 no. 5,47-52 My '61.

Method for studying the effect of preparations on ganglia of the vasoconstrictive sympathetic nerves. V. M. Abakian. Izv. AN Arm. SSR. Biol. nauki 15 no. 3 39-45 '62.

Problems in pharmacological protection from radiation injuries. S. IA. Arbuzov. Vest. AMN SSSR 17 no. 3:58-74 '62.

Sources of the development of the neurons of the sympathetic ganglia of the marginal trunk in the embryogenesis of vertebrates A G. Knorre, L V Suvorova Arkh anat., gist. i embr. 40 no 5 93-104 My '61

Transfer of impulses from the sympathetic motor nerve to the smooth muscle. R S Orlov. Fiziol zhur. 18 no. 3:342-348 Mr '62.

Treatment of obliterating thromboangiopathy of the lower extremities with alcohol-novocaine blockade of the sympathetic ganglia. A. P. IUrikhin. Nov. khir. arkh. no. 3,53-55 '62.

NERVOUS SYSTEM, VASOMOTOR

Conditions for the appearance of vasodilator effects in the vessels of the extremity during the stimulation of the sympathetic chain. Report No. 2. Vasomotor effects of stimulating the sympathetic chain in hypothermia [with summary in English]. I M. Rodionov Biul. eksp. biol. i med. 53 no. 4 16-21 Ap '62.

Electrophysiological characteristics of the interoceptive reflex arch. Report No. 3: Characteristics of regional vascular reflexes appearing during the stimulation of the mechanoreceptors of the urinary bladder [with summary in English]. T. S Lagutina. Biul. eksp. biol. i med. 53 no. 4,25-29 Ap '62.

Mechanism of the action of carbon dioxide on the vessels of the extremity in the cat [with summary in English]. N M. Ryzhova. Biul. eksp biol. i med. 53 no. 4:12-15 Ap '62.

NETHERLANDS—PLASTICS

Plastics at the Exhibition of the Industrial Production of Dutch Factories. G. Tatevosian Plast. massy no 3: 75-76 '62

NETTLES see subdivision under Uzbekistan

NETWORKS, ELECTRIC see Electric networks

NEUROCHEMISTRY

Data on the histophysiology of the intermediate lobe of the hypophysis in connection with hypothalamic neurosecretion [with summary in English]. A A Voitekvich, E. L. Soboleva. Biul. eksp. biol. i med. 3[i. e. 53] no. 3 96-102 Mr '62

Neurohumoral changes in experimental renal hypertension. M. T. Golitsynskaia. Pat. fiziol. i eksp. terap. 5 no. 6:67-68 N-D '61.

Neurosecretory component of the adaptation reaction. A. A. Voitkevich Pat. fiziol i eksp. terap 5 no. 6: 73-80 N-D '61.

NEUROFIBROMATOSIS

Rare observation of Recklinghausen's disease G V Popov. Vest khir. no. 4,94 '62.

NEUROLOGY

Ulitovskii, D. A. [Radioactive isotopes in neurological practice] Radioaktivnye izotopy v nevrologicheskoi praktike. [Leningrad] Medgiz, 1962 138 p. (DNLM)

NEUROSES

Functional and morphological changes in the ovaries of white rats during experimental neurosis. E. B. Pavlova. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. no. 9 99-110 '61.

Neuropsychic disorders in endemic goiter. V V. Lastovetskii. Trudy Semipal. med. inst 2 217-241 '59

Nguen Van-kh'eu. [Use of dispersion relations for determining the amplitude of π-meson production on a nucleon from a neutrino] Opredelenie amplitud rozhdeniia π-mezona na nukleone ot neitrino s pomoshch'iu dispersionnykh sootnoshenii. Dubna, Ob'edinennyi in-t iadernykh issl., 1962. 16 p.

Pathological ideas on the incontinence of intestinal gases [with summary in French]. L. V. Levitin. Zhur nevr. i psikh 62 no. 1:138-143 '62

Problem of dysmorphophobia [with summary in French]. F. N. Dosuzhkov. Zhur. nevr. i psikh. 62 no. 1;132-137 '62.

NEUTRON BOMB

Around the neutron bomb. M. Arkhipov Starsh.-serzh. no 4:32 Ap '62

NEUTRONS

Cross section of neutron interaction with nuclei at an energy of 8.3 Bev. V. S. Pantuev, M. N Khachaturian Zhur. eksp. i teor fiz 42 no 3:909-910 Mr '62

Dielectric permeability and refraction indices of quartz irradiated with fast neutrons. V. G. Zubov, A. P. Grishina. Kristallografiia 7 no. 2;238-241 Mr-Ap '62.

Feasibility of determining the humidity of peat by the neutron method [with summary in English]. N. I. Skvortsova, IA. E. Chudars. Inzh.-fiz. zhur. 5 no. 4;58-63 Ap '62.

Kinetics of neutronization at superhigh densities [with summary in English]. D. A. Frank-Kamenetskii. Zhur. eksp. i teor. fiz. 42 no. 3:875-879 Mr '62.

Lifetime of the neutron. Priroda 51 no. 4:107 Ap '62.

NEUTRONS—SCATTERING

Effect of spin-spin and spin-phonon interaction in an antiferromagnetic material on the energy distribution of scattered neutrons. V. N. Kashcheev. Fiz. tver. tela 4 no. 3 759-771 '62

Effect of spin-phonon interaction in a paramagnetic on the energy distribution of scattered neutrons. B. M. Khabibullin. Fiz. tver. tela 4 no. 3 587-593 '62

Kazarinov, Iu. M., and Iu. N. Simonov. [Neutron-proton scattering at a neutron energy of 200 Mev.] N-P-rasseianie pri energii neitronov 200 Mev. Dubna, Ob"edinennyi in-t iadernykh issl., 1962, 11 p.

NEUWIED, GERMANY—CABINET-WORKERS

The craftsmen in David Roentgen's furniture workshop in Neuwied [with summary in French]. B. A. Sheikovnikov, V. P. Ovchinnikova. Trudy Gos. Erm. 6 no. ? 312-319 '61

NEVADA—HUNTITE

Huntite from the Tafon deposit. A. D. Danilova. Trudy AN Tadzh. SSR 101 no. 1:77-83 '59.

NEV'YANSK REGION—FAULTS (GEOLOGY)

Study of the structure of rocks in a massif. V. N. Rostovtsev. Izv. vys. ucheb. zav., gor. zhur. no. 3 53-58 '61

NEW GUINEA, DUTCH—FOREIGN RELATIONS—UNITED STATES

The United States and Western Irian. L. Skomorokhov. Az. i Afr. seg. no. 4 51-55 Ap '62.

NEW GUINEA, DUTCH—POLITICS AND GOVERNMENT

Questions and answers. Situation in Western Irian. V. Bokov. Nov. vrem. 20 no. 23:21 Je '62.

NEW STATES see States, New

NEW YORK (CITY)—DESCRIPTION

With a SI-2 visa. K. Nepomniashchii. Oktiabr' 39 no. 3: 153-167 Mr '62.

NEW ZEALAND—COMMERCE

Expansion of New Zealand's shipping and foreign trade. B. Goldovskii. Mor. flot 22 no. 4, 39-40 Ap '62

NEWS PHOTOGRAPHERS

"*Focusing the battle front*" by A. Grigor'ev. Reviewed by Iu. Kazanskii. Sov. foto 22 no. 4 44 Ap '62.

NEWS PHOTOGRAPHY see Photography, Journalistic

NEWSPAPER AND PERIODICAL CIRCULATION

A controversial suggestion. N. Bolko. Part. zhizn' no. 9:45-46 My '62.

NEWSPAPER LAYOUT AND TYPOGRAPHY

Some methods for separating the material in a district newspaper. S. M. Gurevich. Poligr. proizv. no. 11:24-26 N '61.

NEWSPAPERS see subdivision under Bashkiria; Uzbekistan

NEWSPAPERS—SECTIONS, COLUMNS, ETC. see subdivision under Sverdlovsk

NIACIN see Nicotinic acid

NICHOLAS I, EMPEROR OF RUSSIA, 1796-1855

Talberg, N. D. [Emperor Nicholas I in the light of historical truth; the year 1831] Imperator Nikolai I v svete istoricheskoi pravdy. (1831 g.) Jordanville, New York, Holy Trinity Russian Orthodox Monastery, 1956. 84 p.
(TNJ)

NICKEL

Studying the process of copper cementation from a nickel electrolyte with a varying multiple of nickel powder consumption. B. V. Lipin. TSvet. met. 35 no. 3, 34-37 Mr '62

NICKEL—ANALYSIS

Complexometric determination of zinc and nickel in a cyanide electrolyte. A. A. Amsheeva. Zav. lab. 28 no. 3: 278-279 '62

Determination of nickel in steels by differential photometry. V. F. Barkovskii, I. N. Vtorygina. Zav. lab. 28 no. 3:275-278 '62

Determination of zinc and nickel ions in an electrolytic bath of nickel black. S. M. Efros, E. S. Botchinova, A. K. Kuznetsova. Trudy LTI no. 48:169-174 '58.

Quantitative determination of trace elements from the height of peaks on paper chromatograms. Report No. 1: Determination of copper and nickel ions. E. S. Botchinova, V. B. Aleskovskii. Trudy LTI no. 48:94-100 '58.

NICKEL—ELECTROMETALLURGY

Extractive method of purifying a nickel electrolyte from impurities. I. B. Milovanova, S. E. Kreimer, V. N. Rozov. TSvet. met. 35 no. 3:38-42 Mr '62.

NICKEL—ELECTROMETALLURGY—HYGIENIC ASPECTS

Occupational diseases of the upper respiratory tract in persons working in electrolytic nickel refining shops [with summary in English]. A. A. Tatarskaia. Gig. truda i prof. zab. 4 no. 6:35-38 Je '60.

NICKEL—ISOTOPES

Inelastic scattering of 13.6 Mev deuterons on nickel isotopes [with summary in English]. Iu. V. Gofman, O. F. Nemets, Iu. S. Striuk. Zhur. eksp. i teor. fiz. 42 no. 3 653-656 Mr '62

NICKEL—METALLURGY

Experimental smelting of oxidized nickel ores in an industrial stack furnace (22.5 percent-oxygen content in the blow). L. L. Chermak, A. E. Bunochkin. TSvet. met. 35 no. 1:22-21 Ap '62.

NICKEL-CHROMIUM ALLOYS see Chromium-nickel alloys

NICKEL-CHROMIUM-ALUMINUM ALLOYS—BRITTLENESS

Causes of brittle failure of the EI652 nickel-chromium-aluminum alloy. A. P. Boiarinova and others. Metalloved. i term. obr. met. no. 4 14-17 Ap '62.

NICKEL-CHROMIUM-MOLYBDENUM ALLOYS see Chromium-molybdenum-nickel alloys

NICKEL COMPOUNDS

Synthesis and characteristics of crystals of some new ammonium thiocyanate compounds of nickel. E. K. Ilkaeva. Zhur. neorg. khim. 7 no. 4:807-810 Ap '62

NICKEL FERRATE CRYSTALS—ELECTRIC PROPERTIES

Anisotropic changes in electric resistance following magnetization of nickel ferrate monocrystals. A. V. Zalesskii. Kristallografiia 7 no. 2 321-322 Mr-Ap '62.

NICKEL INDUSTRY see subdivision under Svetlyy (Orenburg Province)

NICKEL-MANGANESE ALLOYS—MAGNETIC PROPERTIES

Antiferromagnetic properties of the alloy Ni_3Mn in connection with atomic ordering. M. V. Dokhtlar. Fiz. tver. tela 4 no. 3:605-608 '62.

NICKEL PLATING

Elimination of pitting in the process of nickel plating by introducing organic additives. S. A. Gintsberg, A. F. Ivanov. Zhur. prikl. khim. 35 no. 3 671-674 Mr '62.

Investigating electrolytes for surface-leveling nickel plating. S. S. Kruglikov and others. Zhur. prikl. khim. 35 no. 4 781-786 Ap '62.

NICKEL SULFATE

Ternary system urea - nickel sulfate - water at 25 and 40°C. I. G. Druzhinin, A. Kaikiev. Izv. vys. ucheb. zav., khim. i khim. tekh. 5 no. 1:3-6 '62.

NICKEL-TANTALUM-NIOBIUM ALLOYS see Tantalum-nickel-niobium alloys

NICOTINE

Preparation of nicotinic acid from *nicotine*. IU. I. Chumakov, A. L. Mednikov, R. I. Virnik. Zhur. prikl. khim. 35 no. 3 602-605 Mr '62.

NICOTINIC ACID

Preparation of nicotinic acid from nicotine. IU. I. Chumakov, A. L. Mednikov, R. I. Virnik. Zhur. prikl. khim. 35 no. 3 602-605 Mr '62

NICOTINIC ACID—PHYSIOLOGICAL EFFECT

Influence of nicotinic acid on the body in its use as a contraceptive with local action. D. I. Henin. Ped., akush. i gin. 23 no. 3:56-58 '61.

NIEMÖLLER, MARTIN, 1892-

The 70th birthday of Pastor Doctor Martin Niemöller. Zhur. Mosk. Patr. no. 2:31-32 F '62.

NIGERIA—ECONOMIC CONDITIONS

Nigeria: first steps [with English summary in insert]. E. Onan. Az. i Afr. seg. no. 4:27-29, 30 Ap '62.

NIGERIA—POLITICS AND GOVERNMENT

Nigeria: first steps [with English summary in insert]. E. *Onan*. Az. i Afr. seg. no. 4:27-29, 30 Ap '62.

"Nigeria's struggle for independence" by L. N. Pribytkovskii. Reviewed by Iu. N. Popov. Nar. Azii i Afr. no. 2. 239-240 '62.

NIGERIAN NEWSPAPERS

One for the *whole country*. V. Parkhitko. Sov. pech. no. 2:57-58 F '62.

NIGHT FIGHTING (MILITARY SCIENCE)

Platoon on a night raid. V. Man'kov. Voen. vest. 41 no. 3-60-63 Mr '62.

Readiness for attack at 23.00 hours. N. Taratorin. Starsh. -serzh. no. 4:21-23 Ap '62.

NIGHT SCHOOLS see Evening and continuation schools

NIGHT SKY

Direct measurement of the luminosity of night sky. Astron. tsir. no. 222, 31-32 My '61.

NIGHT SKY—SPECTRA

Inconstancy of the *spectral composition* of the continuum in the luminescence of the nocturnal sky. V. M. Morozov. Izv. AN SSSR Ser. geofiz. no. 4:573-576 Ap '62.

NIKITA BOTANICAL GARDEN

Green pearl of the Crimea. Semen Makarov. Ukraina no. 10 14-15 My '62

NIKITIN, ALEKSANDR NIKITICH, 1793-1858

Aleksandr Nikitich Nikitin, author of the first Russian book on occupational hygiene and outstanding figure in the Russian medical world, on the 100th anniversary of his death [with summary in English]. E. V. Klenova. Gig. truda i prof. zab. 4 no. 1 49-46 Ap '60

NIKITIN, SERGEI I.

"In all human affairs" by S. I. Nikitin. Reviewed by V. Kuklev. Sov. profsoiuzy 18 no. 8 47 '62

NIKOLAYEV—SHIPBUILDING

Check how each decision is carried out. P. Bagliuk. Sov. profsoiuzy 18 no. 9:19-20 My '62.

NIKOLAYEV PROVINCE—AGRICULTURAL EXPERIMENT STATIONS—ACCOUNTING

A model farm is improving its accounting. F. K. Baklanov. Uchet i fin. v kolkhoz i sovkhoz 19 no. 3-28-29 Ap '62

NIKOPOL'—PLANETARIA

The nighttime sky on a hemispherical dome. Voiov, ateist no. 4, 34 Ap '62

NIKOPOL'—POLLEN, FOSSIL

Palynological materials for the characterization of the Neocene flora in the Nikopol' region. M. N. Grishchenko. Nauch. zap. VLTI 21 140-142 '60.

NIKOPOL' DISTRICT—ATHEISM

We have no church in our village. Paraska Hulana and others. Voiov, ateist no. 4:40 Ap '62.

NIKULIN, LEV VENIAMINOVICH

"The coward" by L. Nikulin. Reviewed by Leonid Lench. Oktiabr' 39 no. 3:208-209 Mr '62.

NIKULIN, MIKHAIL

"A fine autumn" by M. Nikulin. Reviewed by G. Kolesnikov. Oktiabr' 39 no. 2:218-219 F '62.

NIOBIUM

(see also subdivision under Sayan Mountains)

Commercial niobium and tantalum raw material in foreign countries. B. I. Kogan. Trudy Inst. min., Geokhim. i kristallokhim. red. elem. no. 2:287-292 '59.

Niobium and its alloys [from data in foreign journals]. G. B. Zakharova, D. B. Mishina, E. IA. Vel'mozhnyi. TSvet. met. 35 no. 4:88-92 Ap '62.

Separation of protactinium from zirconium, titanium, and niobium by the chromatographic method. R. A. D'iachkova, Vikt. I. Spitsyn, P. P. Nazarov. Radiokhimiia 4 no. 1:89-94 '62

NIOBIUM—ANALYSIS

Methods of concentrating niobium ions in natural waters. N. A. Tiutina, V. B. Aleskovskii, A. D. Miller. Trudy LTI no. 48:101-108 '58.

NIOBIUM—COLD WORKING

Effect of peening on niobium oxidation. R. F. Voitovich. Metalloved. i term. obr. met. no. 4, 15-16 Ap '62.

NIOBIUM ALLOYS

Chemistry of metals. Report No. 3. Chemical properties of niobium. I. I. Kornilov, R. S. Polikova. Izv. AN SSSR. Otd. khim. nauk no. 4:565-573 Ap '62.

NIOBIUM-MOLYBDENUM-TUNGSTEN ALLOYS—THERMAL PROPERTIES

Fusibility curve and certain properties of alloys in the system niobium - molybdenum - tungsten. E. M. Savitskii, V. S. Baron, K. N. Ivanova. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 2:119-125 Mr-Ap '62.

NIOBIUM-SILICON ALLOYS

Concentration regions of stability of niobium silicides at 1250°. S. I. Alamovskii, P. V. Gel'd, N. I. Matvienko. Zhur. neorg. khim. 7 no. 4:838-843 Ap '62

NIOBIUM-TANTALUM-NICKEL ALLOYS see Tantalum-nickel-niobium alloys

NITRAGIN

Effectiveness of treating legumes with nitragin. M. IA. Finkel'shtein, G. G. Ovchinnikova. Zemledelie 24 no. 4, 67-68 Ap '62.

NITRATION

Effect of nitrogen on the heat resistance of multicomponent chromium-manganese alloys of a certain composition. F. N. Tavadze, M. D. TSkitishvili. Soob. AN Gruz. SSR 28 no. 1:73-78 Je '62.

NITRIC ACID

Absorption of nitrogen dioxide by nitric acid. M. E. Pozin and others. Zhur. prikl. khim. 35 no. 3:473-482 Mr '62.

Corrosion of low-carbon unalloyed steels in fuming nitric acid containing certain additions. I. F. Mikanov, S. D. Beskov. Uch. zap. MGPI no. 146:286-296 '60

NITRIC ACID (Continued)
Extraction of nitric acid with dioctylamine. E. A. Merkov, A. A. Pushkov, V. S. Shmidt. Zhur. neorg. khim. 7 no. 1, 932-935 Ap '62.
Formation of nitrophenols in the oxidation of cyclohexanol by nitric acid. G. I. Kostylev, L. IA. Lubtanitskii. Zhur. ob. khim. 32 no. 4 1155-1156 Ap '62.
Importance of the degree of oxidation of nitrogen oxides during their processing to nitric acid. M. E. Pozin and others. Zhur. prikl. khim. 35 no. 4 717-722 Ap '62.

NITRIFICATION
Effect of a partial oxygen pressure and preliminary soil desiccation on the accumulation of nitrates. E. A. Nikitina. Trudy Vses. inst. sel'khoz. mikrobiol. no. 14: 100-112 '56.

NITRILES
Interaction of aromatic acid nitriles with alcohols in the presence of hydrogen chloride. M. V. Prokof'eva, S. R. Rafikov, B. V. Suvorov. Zhur. ob. khim. 32 no. 4 1318-1323 Ap '62.

NITRO COMPOUNDS
Polarographic determination of picric acid in the presence of nitrophenols, nitrobenzenes, and nitrocyclohexane. Analysis of the products of cyclohexane nitration [with summary in English]. IA. I. Turian, P. M. Zaitsev. Zhur. anal. khim. 17 no. 2:231-234 Mr-Ap '62.
Segal, A. IA. [Handling of nitro and amino compounds] Pamiatka po obrashcheniiu s nitro- i aminoproduktami. Moskva, Goskhimizdat, 1961. 19 p. (Pamiatka po tekhnike bezopasnosti)
Spectrophotometric determination of the dissociation constants of aliphatic nitro compounds. S. S. Novikov and others. Izv. AN SSSR. Otd. khim. nauk no. 4:596-605 Ap '62.
Synthesis of nitro derivatives of α,β-unsaturated ketones containing benzene and furan rings. V. F. Lavrushin, S. V. Tsukerman, A. I. Artemenko. Zhur. ob. khim. 32 no. 4 1324-1329 Ap '62.
Tautomerism of nitro compounds. Report No. 1. Mechanism of tautomeric transformations of nitro compounds. V. M. Belikov and others. Izv. AN SSSR. Otd. khim. nauk no. 4:605-614 Ap '62.

NITROGEN
Accumulation of water-soluble nitrogenous substances in flour mash. M. S. Tul'skii. Khleb. i kond. prom. 6 no. 4:1-2 Ap '62.
Equilibrium liquid - gas at high pressures in the nitrogen - carbon dioxide system. I. R. Krichevskii and others. Khim. prom. no. 3, 169-171 Mr '62.
Kinetics of nitrogen oxidation in a direct shock wave. IU. S. Salamov. FMTF no. 1:61-67 Ja-F '62.

NITROGEN—ANALYSIS
Elemental organic analysis by the "wet combustion" method. Report No. 5. Determination of nitrogen in pyridine bases [with summary in English]. A. P. Terent'ev, B. M. Laskina. Zhur. anal. khim. 17 no. 2:227-230 Mr-Ap '62.
Layer by layer determination of nitrogen in nitrided steel. R. A. Savel'eva. Trudy TSNII MPS no. 227:34-38 '62.

NITROGEN—FIXATION
Effect of fixed nitrogen compounds on the nitrogen-fixing activity of nodule bacteria [with summaries in English, German, and French]. I. V. Kozlov. Vest. sel'khoz. nauki 7 no. 2:40-54 F '62.

NITROGEN FERTILIZERS
Influence of nitrogen fertilizers and straw on the effectiveness of treating azinfoin seeds with nitragin. E. K. Sharova. Trudy Vses. inst. sel'khoz. mikrobiol. no. 14: 242-251 '56.

NITROGEN-FIXING MICRO-ORGANISMS see Micro-organisms, Nitrogen-fixing

NITROGEN METABOLISM
Nitrogen metabolism in endemic goiter [with summary in English]. Klin. med. no. 8:109-114 '61.

NITROGEN OXIDES
Absorption of nitrogen dioxide by nitric acid. M. E. Pozin and others. Zhur. prikl. khim. 35 no. 3:473-482 Mr '62.
Absorption of nitrogen oxides by milk of lime in mechanical absorbers of a pilot plant. S. N. Ganz and others. Izv. vys. ucheb. zav., khim. i khim. tekh. 5 no. 1:155-159 '62.
Generation of ozone and nitric oxides by gamma radiation in the operation of a high-power gamma installation [with summary in English]. V. F. Oreshko, N. F. TSikhmistrenko. Gig. truda i prof. zab. 4 no. 6:16-20 Je '60.
Importance of the degree of oxidation of nitrogen oxides during their processing to nitric acid. M. E. Pozin and others. Zhur. prikl. khim. 35 no. 4:717-722 Ap '62.

NITROGLYCERIN
Effect of sodium nitrite, nitroglycerin and papaverine on renal circulation in experimental atherosclerosis [with summary in English]. Z. T. Samoilova. Farm. i toks. 25 no. 1:38-43 Ja-F '62.

NIZHNIY LOMOV—HIGHWAY TRANSPORT WORKERS
Encounter on the bread transportation track. IU. Goriachev. Avt. transp. 40 no. 4:11-12 Ap '62.

NIZHNIY TAGIL—INDUSTRIAL EQUIPMENT—TECHNOLOGICAL INNOVATIONS
Uralvagonzavod, Nizhniy Tagil. [Modernization of industrial equipment] Modernizatsiia zavodskogo oborudovaniia. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1962. 157 p.

NIZHNIY TAGIL—RAILROADS—CARS
Uralvagonzavod, Nizhniy Tagil. [Mechanization and automation in railroad car manufacture] Mekhanizatsiia i avtomatizatsiia v vagonostroitel'nom proizvodstve. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 183 p.

NIZHNIY ZHIRIM—RURAL LIBRARIES
Best in the district. IU. Khariaev. Bibliotekar' no. 4:29 Ap '62.

NOGAY STEPPE—ENCYTRIDAE
Encytridae (Hymenoptera), parasites of Nipponaclerda turanica (Arch.) (Homoptera, Aclerdidae) in the Nogay Steppe [with summary in English]. V. A. Triapitsyn. Zool. zhur. 41 no. 4:560-570 Ap '62.

NOGINSK—RESTAURANTS, LUNCHROOMS, ETC.
Struggling for the right to be called a "Communist" enterprise. A. Vaneev. Obshchestv. pit. no. 1:15-16 Ja '62.

NOISE
Noise and vibrations produced by agricultural machinery [with summary in English]. E. I. Kandaurova. Gig. truda i prof. zab. 4 no. 3 23-28 Mr '60.

NOISE—MEASUREMENT
Kuz'min, R. V. [Acoustical method of detecting defects in marine engines] Akusticheskaia defektatsiia sudovykh mekhanizmov. Moskva, Izd-vo "Morskoi transport," 1962. 112 p.
Method of measuring noise from city passenger transportation. S. D. Kovrigin. Gig. i san. 27 no. 3, 55-59 Mr '62.
Study of noise on diesel and steam engines at the Krasnodar railroad junction. T. G. Ogienko, E. A. Mel'nikova. Gig. i san. 27 no. 3:92-94 Mr '62.

NOISE—PHYSIOLOGICAL EFFECT
Noise is our enemy. Zdorov'e 8 no. 2:4-5 F '62.

NOMOGRAPHY (MATHEMATICS)
Investigation of transformation possibilities of nomograms with a transparent orientated overlay. G. S. Khovanskii. Vych. mat. no. 7 133-150 '61.
Nomogram for load distribution between thermal power plants and hydrostations. N. A. Mamed-Zade. Izv. AN Azerb. SSR, Ser. fiz.-mat. i tekh. nauk no. 6:103-106 '61.
Nomographic approximation of elliptic functions and nomograms in complex projective planes. I. A. Vilner. Vych. mat. no. 7:3-74 '61.

NONCONTENTIOUS JURISDICTION
More about Article 12 of the civil code of the R. S. F. S. R. Sov. iust. no. 5:26-27 Mr '62.
The practice of notarial agencies. Sov. iust. no. 5:31 Mr '62.
The practice of notarial agencies. Sov. iust. no. 6:31 Mr '62.

NONFERROUS ALLOYS
New alloy made of secondary nonferrous metals. A. Smirnagin and others. Mor. flot 22 no. 2:37-38 F '62.

NONFERROUS ALLOYS—ANALYSIS
Photocolorimetry for the analysis of ferrous and nonferrous alloys. K. N. Ershova. Trudy TSNII MPS no. 227:19-33 '62.

NONFERROUS ALLOYS—METALLOGRAPHY
Investigating regularities of dendritic segregation in connection with the hot brittleness of nonferrous alloys. I. I. Novikov, V. S. Zolotorevskii. Lit. proizv. no. 4 13-18 Ap '62.

NONFERROUS ALLOYS—THERMAL PROPERTIES
Alloying nonferrous metals for the reduction of hot brittleness. I. I. Novikov. Lit. proizv. no. 4:19-24 Ap '62.

NONFERROUS INGOTS
Solubility of neodymium and cerium in solid state magnesium. L. L. Rokhlin. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 2:126-130 Mr-Ap '62.

NONFERROUS METAL INDUSTRIES
(see also subdivision under Almalyk, Kazakhstan)
Prospects for expanding the industrial use of electric power in nonferrous metallurgy. M. M. Lakernik. TSvet. met. 35 no. 3:1-6 Mr '62.

NONFERROUS METAL INDUSTRIES—HYGIENIC ASPECTS
see subdivision under Balkhash

NONFERROUS METALS
(see also subdivision under Verkhniy Zgid)
Modern achievements in the production of nonferrous metal pipes, rods and shapes. V. V. Zholobov. TSvet. met. 35 no. 3:92-93 Mr '62.
Trends in research carried out by the Central Design Office of the State Institute of Nonferrous Metals. M. M. Lakernik, G. I. Glushkov. TSvet. met. 35 no. 4: 1-3 Ap '62.
Use of generator and natural gases for the nonoxidizing heating of nonferrous metals. A. K. Chertavskikh, I. V. Naumkina. TSvet. met. 35 no. 3 74-77 Mr '62.

NONFERROUS METALS—BIBLIOGRAPHY see Bibliography—Nonferrous metals

NONFERROUS METALS—FOUNDING
Investigating regularities of dendritic segregation in connection with the hot brittleness of nonferrous alloys. I. I. Novikov, V. S. Zolotorevskii. Lit. proizv. no. 4 13-18 Ap '62.

NONFERROUS METALS—METALLURGY
(see also subdivision under Ural Mountains, Uzbekistan)
Results of a competition among ore dressing plants and plants of nonferrous metallurgy for the achievement of the fullest over-all utilization of ores and concentrates. M. Kubrik. TSvet. met. 35 no. 1 84-85 Ap '62.

NONFERROUS METALS—TESTING
Investigating the solubility of chromium, molybdenum, and tungsten in aluminum by the microhardness method. V. N. Vigdorovich, V. M. Glazov, N. N. Glagoleva. Izv. vys. ucheb. zav.; tsvet. met. 3 no. 2:143-146 '60.

NONFERROUS METALS—WELDING—BIBLIOGRAPHY see Bibliography—Nonferrous metals—Welding

NONWAGE BENEFITS
Some problems in analyzing losses not related to production. L. El'iashev. Bukhg. uchet 10 no. 3, 5-8 Mr '62.

NORBORNANAMINE
Effect of mecamine in hypertension. V. M. Labutin. Vop. pit. krovi i krovoobr. no. 5, 173-179 '59.

NORIL'SK—EFFICIENCY, INDUSTRIAL
Beyond the 69th parallel. V. Degtiarev. Komsom. zhizn' no. 8, 25-26 Ap '62.

NORIL'SK REGION—COAL GEOLOGY
Heat exchange between an intrusive body and enclosing rocks and the contact thermometamorphism of coals near the intrusions of trap rocks [with summary in English]. M. N. Godlevskii, G. S. Kravtsov, V. M. Slivko. Geol. i geofiz. no. 2 6-24 '62.

NORIL'SK REGION—COAL MINES AND MINING
Roof deformations in empty stopes of the Noril'sk coal-bearing region. IU. A. Modestov, IU. A. Makhan'ko. Izv. vys. ucheb. zav., gor. zhur. no. 3 59-61 '61.

NORIL'SK REGION—METAMORPHISM (GEOLOGY)
Heat exchange between an intrusive body and enclosing rocks and the contact thermometamorphism of coals near the intrusions of trap rocks [with summary in English]. M. N. Godlevskii, G. S. Kravtsov, V. M. Slivko. Geol. i geofiz. no. 2 6-24 '62.

NORIL'SK REGION—SELENIUM
Certain characteristics of the distribution of selenium and tellurium in copper-nickel ores of the Noril'sk region. G. G. Zainullin. Trudy Inst. min., geokhim. i kristalokhim. red. elem. no. 2:74-77 '59.

NORIL'SK REGION—TELLURIUM
Certain characteristics of the distribution of selenium and tellurium in copper-nickel ores of the Noril'sk region. G. G. Zainullin. Trudy Inst. min., geokhim. i kristalokhim. red. elem. no. 2:74-77 '59.

NORTH ATLANTIC TREATY ORGANIZATION
Aggressive bloc of the NATO and its armed forces. B. Klypkin. Voen. vest. 41 no. 3:120-123 Mr '62.
Aggressive blocks and the eclipse of imperialism. L. Vidiasova. Mezhdunar. zhizn' 8 no. 5 26-34 My '62.
"Future of the Atlantic Union" [in French] by Claude Delmas and others. Reviewed by S. Efimov. Mezhdunar. zhizn' 9 no. 5:129-132 My '62.
Psychological warfare is prepared in labs. P. Smolenskii. Sov. voin. 44 no. 8, 46. Ap '62.
The strategy of aggression [with English summary in insert]. S. Fil'shtinskii. Az. i Afr. seg. no. 4:24-26 Ap '62.

NORTH KOREA see Korea, North

NORTHERN BAIKAL HIGHLAND—GEOLOGY, STRATIGRAPHIC
Age of the Mama layer and its position among the Pre-Cambrian formations in the Northern Baikal Highland and Patom Plateau. V. K. Golovenok. Trudy VSEGEI 66:71-82 '61.

NORTHERN CAUCASUS see Caucasus, Northern

NORTHERN WAR, 1700-1721
"The nonexistent exists." Voen. znan. 38 no. 4:28 Ap '62.

NORWAY—SHIPBUILDING
Norwegian-built ships [from "Holland Shipbuilding," no. 7, 1961]. Sudostroenie 28 no. 4:78 Ap '62.
Norwegian-built ships [from "The Motor Ship," no. 493, 1961]. Sudostroenie 28 no. 3:70 Mr '62.

NOSE—DISEASES

Histological investigation of parenchymatous organs of swine affected by infectious atrophic rhinitis. V.P. Ivanov, G.M. Blazhevich. Veterinariia 37 no.10,42-43 O '60.

Pathological anatomy and some problems in the pathogenesis in infectious atrophic rhinitis in swine. N.G. Tolstova-Partiskaia, A.M. Shcheglov, G.A. Krasnikov. Veterinariia 38 no.1:33-38 Ja '61.

NOSE, ACCESSORY SINUSES OF

Dobromyl'skii, F.I., and I.I. Shcherbatov. [Accessory sinuses of the nose and their connection with diseases of the orbit and the lacrimal ducts] Pridatochnye pazukhi nosa i ikh sviaz' s zabolevaniiami glaznitsy i slezootvodiashchikh putei. 2 izd., perer. i znachitel'no dop. Moskva, Medgiz, 1961. 287 p. (DNLM)

NOTARIES

The practice of notarial agencies. Sov. iust. no.5,31 Mr '62

The practice of notarial agencies. Sov. iust. no.6,31 Mr '62.

NOVAYA USMAN' DISTRICT—PARATYPHOID FEVER

Elimination of the paratyphoid of baby pigs. I.T. Serezhenko, B.A. Kruglikov. Veterinariia 37 no.8:42-44 Ag '60.

NOVAYA ZEMLYA—DISCOVERY AND EXPLORATION

Zinger, E.M. [On the glaciers of Novaya Zemlya; notes of a member of the expedition] Na lednikakh Novoi Zemli; zapiski uchastnika ekspeditsii. Moskva, Ges. izd-vo geogr. lit-ry, 1962. 157 p.

NOVIKOV-PRIBOI, ALEKSEI SILYCH, 1877-1944

"Kommunist" on a cruise. A. Novikov. Sov. voin. 44 no.5,42-43 Mr '62

NOVOCAINE

Intracutaneous novocaine block in stenocardia. S.R. Bell. Vop. pat. krovi i krovoobr. no.5:139-144 '59.

Novocaine block in the diagnosis of acute appendicitis. M.A. Likhtentul, V.A. Govorukhina. Trudy Semipal. med. inst. 2:312-319 '59.

Protective effect of novocaine in fractionated X-ray irradiation of animals and during the action of novembichine. Zh.I. Abramova. Vop. onk. 8 no.3:107-110 '62.

Stomach secretion in some dermatoses and its changes during their treatment with a mixture of bromine and novocaine solutions. R. Kh. Abdusametov. Trudy Semipal. med. inst. 2:262-270 '59.

Treatment of obliterating thrombangiopathy of the lower extremities with alcohol-novocaine blockade of the sympathetic ganglia. A.P. Ilurikhin. Nov. khir. arkh. no.3:53-55 '62.

NOVOCAINE—THERAPEUTIC USE

Intravenous administration of novocaine during periodical eye inflammation in horses. G.S. Mastyko, E.M. Bagrinovskaia, M.M. Zhuk. Veterinariia 37 no.10:53-54 O '60.

Novocaine electrophoretic treatment of wounds. N.A. Barsukov. Veterinariia 38 no.1:56-57 Ja '61.

NOVOGEORGIYEVSK DISTRICT—BRONZE AGE

Settlement of the end of the Bronze Age near the Bol'shaya Andrusovka. IE.F. Pokrovs'ka, IE.O. Petrovs'ka. Arkheologiia 13:120-144 '61.

NOVOGEORGIYEVSK DISTRICT—POTTERY, PRIMITIVE

Settlement of the end of the Bronze Age near the Bol'shaya Andrusovka. IE.F. Pokrovs'ka, IE.O. Petrovs'ka.

IG INDUSTRY

'ocework wage
tolova, G.N. Raki-
F '62.

Sov. muz. 26

in. Sov. torg.

-SOCIETIES, ETC.

ozh. delo 8 no.4:14

k Province.
188-194 '60.

FROST RESISTANCE

ie winter hardiness
ice. A.A. Khristo.

MUS

of fruiting organs in
and Clinelymus
Province. R.IA.
'60.

NOVOSIBIRSK PROVINCE—CORN (MAIZE)

Effect of trace elements on the growth and increase of productivity in corn in Novosibirsk Province. G.V. Delova. Trudy TSSBS no.4:113-121 '60.

NOVOSIBIRSK PROVINCE—MELONS

Temperature conditions during the vegetative period and the possibilities of cultivating melons and watermelons in Novosibirsk Province. L.P. Tarbaeva. Trudy TSSBS no.4:145-152 '60.

NOVOSIBIRSK PROVINCE—PEAR—FROST RESISTANCE

Winter hardiness of pears in Novosibirsk Province. L.A. Sevast'ianova. Trudy TSSBS no.4:159-165 '60.

NOVOSIBIRSK PROVINCE—PLUM—VARIETIES

Usuri plum in Novosibirsk Province. M.N. Salamatov. Trudy TSSBS no.4:195-211 '60.

NOVOSIBIRSK PROVINCE—ROEGNERIA

Preliminary papers on the formation of fruiting organs in Roegneria fibrosa (Schrenk) Nevski and Clinelymus sibiricus (L.) Nevski in Novosibirsk Province. R.IA. Plennik. Trudy TSSBS no.4:31-38 '60.

NOVOSIBIRSK PROVINCE—SUGAR BEETS

Monospermous sugar beet in Novosibirsk Province. A.I. Snytko. Trudy TSSBS no.4:153-157 '60.

NOVYY LIPETSK—CONSTRUCTION WORKERS

Constructors of the Novyy Lipetsk blast furnace. Sov. profsoiuzy 18 no.2:14-15 Ja '62

NOVYY OSKOL—CANNING INDUSTRY

New factory. N.I. Ignatenko. Kons. i ov. prom. 17 no.4,38 Ap '62

NOVYY VASYUGAN REGION—GEOLOGY, STRATIGRAPHIC

Lithologic and facies features of the Upper Cretaceous in the Novyy Vasyugan area. E.G. Sorokina. Trudy SNIIGGIMS no.1:168-170 '59.

NOZZLES, SUPERSONIC see Supersonic nozzles

NUCLEAR ENGINEERING

[Nuclear engineering abroad.] Atom. tekh. za rub. 6 no.4 Ap '62.

NUCLEAR FISSION

Fission of Al, Mo, and W nuclei by 660 Mev protons. V.A. Botvin. Trudy Inst. iad. fiz. AN Kazakh. SSR 5:65-82 '62.

Photodisintegration of neon nuclei. A.N. Gorbunov, D.K. Kaipov, K.G. Kuvatov. Trudy Inst. iad. fiz. AN Kazakh. SSR 5:135-146 '62.

NUCLEAR MAGNETIC RESONANCE AND RELAXATION

Dependence of the "maser" frequency in nuclear resonance on the parameters of the apparatus. A.I. Zhernovoi, G.D. Latyshev. Trudy Inst. iad. fiz. AN Kazakh. SSR 5:111-116 '62.

Magnetic shielding of the F^{19} nucleus in alkali fluoride crystals. Van I-tsin [Wang I-chin]. M. Volodicheva. Fiz. tver. tela 4 no.3:642-645 '62.

Theory of the shape of the nuclear acoustic resonance line in cubic crystals. N.G. Koloskova, U. Kh. Kopvillem. Fiz. tver. tela 4 no.3:687-699 '62.

NUCLEAR MODELS

Equilibrium form of atomic nuclei [with summary in English]. V.G. Latysh. Zhur. eksp. i teor. fiz. 42 no.3:777-778 Mr '62.

NUCLEAR PHYSICS

Aragats, the mountain of science. N. Rozenblit. Znan. ta pratsia no.4:10-12 Ap '62.

NUCLEAR PHYSICS—INSTRUMENTS

Electrostatic prismatic analyser of the energy of charged particles. V.M. Kel'man, I.V. Rodnikova. Zhur. tekh. fiz. 32 no.3:279-286 Mr '62.

NUCLEAR REACTIONS

Analysis of P-nucleon interactions generated at an energy of $E = 10^{10}$ ev in a nuclear photoemulsion. E.G. Boos and others. Trudy Inst. iad. fiz. AN Kazakh. SSR 5:16-32 '62.

Aripov, R.A., and others. [Charge-exchange in 7 to 8 Bev. π^--mesons on protons] O perezariadke π^--mezonov s energiei 7-8 Bev na protonakh. Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 7 p. [With summary in English]

Comparison of the excitation energies of B^{11} in the reactions $C^{12}(\pi^-, n)B^{11}$ and $C^{12}(p, 2p)B^{11}$ [with summary in English] A.T. Varfolomeev. Zhur. eksp. i teor. fiz. 42 no.3:713-714 Mr '62.

Cross section of neutron interaction with nuclei at an energy of 8.3 Bev. V.S. Pantuev, M.N. Khachaturian. Zhur. eksp. i teor. fiz. 42 no.3:909-910 Mr '62.

Cross sections of particle interaction at high energies. R.B. Begzhanov. Izv. AN Uz. SSR, Ser. fiz.-mat. nauk 6 no.1:33-36 '62.

Donets, E.D., and others. [Study of the nuclear reaction $Th^{232}_{90}(Ne^{22}_{10}, 4n)Fm^{250}_{100}$] Izuchenie iadernoi reaktsii $Th^{232}_{90}(Ne^{22}_{10}, 4n)Fm^{250}_{100}$. Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 10 p. [With summary in English]

Dunaitsev, A.F., and others. [Detection of charge-exchange in stopped π^--mesons on nuclei of bound hydrogen] Obnaruzhenie perezariadki ostanovivshikhsia π^--mezonov na iadrakh sviazannogo vodoroda. Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 1 p.

Effect of spin-spin and spin-phonon interaction in an antiferromagnetic material on the energy distribution of scattered neutrons. V.N. Kashcheev. Fiz. tver. tela 4 no.3:750-771 '62.

Heat conductivity of multilayer heat-producing elements [with summary in English]. A.S. Trofimov. Inzh.-fiz. zhur. 5 no.4:93-96 Ap '62.

High energy fragments emitted in the absorption of a slow π^--meson by an O^{16} nucleus [with summary in English] A.T. Varfolomeev. Zhur. eksp. i teor. fiz. 42 no.3:725-726 Mr '62.

Kazachkovskii, O.D. Issledovatel'skie, eksperimental'nye i lapytatel'nye reaktory. Research, experimental and test reactors. Vienna, International Atomic Energy Agency, 1960. 56 p. (International Atomic Energy Agency. Review series, no.8) [With summaries in English, French, and Spanish] (NcRS)

Measurement of the total cross sections of (π^-p)-reactions in which the π^--mesons have an energy of 340 Mev. T.I. Blokhintseva and others. Zhur. eksp. i teor. fiz. 42 no.3:912-913 Mr '62.

Nguen Van-kh'eu. [Use of dispersion relations for determining the amplitude of π-meson production on a nucleon from a neutrino] Opredelenie amplitud rozhdeniia π-mezona na nuklone ot neitrino s pomoshch'iu dispersionnykh sootnoshenii. Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 16 p.

Nuclear interactions of secondary nuclear-active particles in a photoemulsion. G. Tleubergenova, P. Morozova. Trudy Inst. iad. fiz. AN Kazakh. SSR 5:83-87 '62.

Pavlikovskii, A., and V. Rybarska. [Testing the accuracy of Bogoliubov's method in the theory of even-even nonspherical nuclei] Izuchenie tochnosti metoda Bogoliubova v teorii chetno-chetnykh nesfericheskikh iader. Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 30 p. [With summary in English]

Reaction $\pi^- + p \rightarrow \Lambda^0 + K^0$ [with summary in English] IU. Vol'f, G. Domokosh. Zhur. eksp. i teor. fiz. 42 no.3:871-874 Mr '62.

Some problems in the theory of heavy unstable particles [with summary in English]. S.G. Matinian. Trudy Inst. fiz. AN Gruz. SSR. 8:173-229 '59.

Study of some inelastic p-n-interactions at an energy of 9 Bev. V.A. Botvin. Trudy Inst. iad. fiz. AN Kazakh. SSR 5:3-15 '62.

Total cross sections of π^--meson and proton interactions at high energies [with summary in English] A.S. Vovenko and others. Zhur. eksp. i teor. fiz. 42 no.3:715-720 Mr '62.

Yi, Wan-son, I.N. Mikhailov, and IU.I. Fenin. [Reaction $T + T \rightarrow He^4 + 2n$] O reaktsii $T + T \rightarrow He^4 + 2n$. Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 8 p.

NUCLEAR REACTORS

Special features of contact heat transfer in the heat generating reactor parts. V.S. Miller. Izv. vys. ucheb. zav.; energ. 5 no.3:67-70 Mr '62

NUCLEAR SPIN

Damping of spin waves interacting with phonons. F.N. [Akovlev]. Fiz. tver. tela 4 no.3:594-600 '62.

Effect of a nucleon isobar with a spin $T = 1/2$ on the results of the statistical theory of multiple particle generation. I.G. Goliak, V.I. Rus'kin. Trudy Inst. iad. fiz. AN Kazakh. SSR 5:155-163 '62.

Quantumstatistical theory of cross relaxation [with summary in English]. B.N. Provotorov. Zhur. eksp. i teor. fiz. 42 no.3:882-888 Mr '62.

NUCLEAR WEAPONS—SAFETY MEASURES

Zharikov, A.D. [Defense against atomic weapons] Protivoatomnaia zashchita. Moskva, Izd-vo "Znanie," 1962. 44 p. (Serlia "Prochti tovarishchu!")

NUCLEATION, ATMOSPHERIC see Atmospheric nucleation

NUCLEI, ATOMIC

Isotopic displacement of spectral lines and the compressibility of deformed nuclei [with summary in English] E.E. Fradkin. Zhur. eksp. i teor. fiz. 42 no.3:787-795 Mr '62.

Kinetics of neutronization at superhigh densities [with summary in English]. D.A. Frank-Kamenetskii. Zhur. eksp. i teor. fiz. 42 no.3:875-879 Mr '62.

Multiplicity and angular distribution in showers consisting of nuclei having energies between $5 \cdot 10^{10}$ and 10^{14} ev. A.A. Loktionov. Trudy Inst. iad. fiz. AN Kazakh. SSR 5:33-64 '62.

One possible interpretation of experiments on inelastic scattering of fast protons on light nuclei [with summary in English]. L. Mailing. Zhur. eksp. i teor. fiz. 42 no.3:831-832 Mr '62.

NUCLEIC ACIDS

Amount of ribonucleic acid in the mitochondria of normal and tumoral tissues. L. S. Mil'man, V. A. Kuz'iaeva. TSitologiia 4 no. 1, 12-51 Ja-F '62.

Anatomy of phages and some problems of genetics. N. N. Zhukov-Verezhnikov, A. P. Pekhov. Vest. AMN SSSR 17 no. 3 37-40 '62.

Correlation of the intensity of protein and nucleic acid metabolism and mitotic activity during the proliferation and differentiation of the epidermis [with summary in English] A. A. Zavarzin Arkh anat., gist. i embr 40 no. 5 18-26 My '61

Cytochemical analysis of the nature of the bond of ribonucleic acid with proteins in the cells of normal tissues and malignant tumors [with summary in English]. G. I. Roskin, E. S. Kirpichnikova Arkh anat., gist. i embr 40 no. 5, 27-33 My '61

Distribution of ribonucleic acid in the case of stimulated regeneration of the myocardium and inhibited scar growth. L. V. Akhabadze. Dokl. AN SSSR 143 no. 5 1198-1201 Ap '62.

Inhibiting action of S. typhimurium desoxyribonucleic acid on S. gallinarum protoplasts [with summary in English] D. G. Kudlai Zhur. mikrobiol., epid. i immun 34 no. 3, 62-64 Mr '62

Protective compensatory role of a conditioned leucocytic reflex in rabbits based on a pharmacological stimulus. L. L. Kriachko. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. no. 9, 35-41 '61.

Relation of the synthesis of antibodies to the state of nucleic acids. Report No. 1 A. I. Nikolaev, A. Kh. Akhmadieva. Med. zhur. Uzb. no. 2 75-77 F '62

Relative effectiveness of direct and indirect action of ionizing radiation on DNA. M. I. Meksheńkov. Radiobiologiia 2 no. 2, 201-206 '62

Role of nucleic acids in the synthesis of cell proteins [with summary in English] P. V. Makarov Arkh anat. gist. i embr 40 no. 5 4-17 My '61

NUCLEONS

Elastic scattering of pions and nucleons at high energies [with summary in English]. D. I. Blokhintsev Zhur. eksp. i teor. fiz. 42 no. 3 880-881 Mr '62

Nguen Van-kh'eu. [Use of dispersion relation for determining the amplitude of π-meson production on a nucleon from a neutrino] Opredelenie amplitud rozhdeniia π-mezona na nukleone ot neitrino s pomoshch'iu dispersionnykh sootnoshenii. Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 16 p.

NUCLEOPROTEINS

Effect on sarcolysine-sensitive tumors of nucleoproteins isolated from sarcolysine-resistant tumors. D. IA. Podgaetskaia, V. M. Brendel', Iu. M. Olenov. TSitologiia 4 no. 1, 59-61 Ja-F '62

NUCLEUS (CELLS) see Cell nuclei

NUMBER GAMES see Mathematical recreations

NUMBERS, EULER'S see Euler's numbers

NUMBERS, THEORY OF

Representation of numbers by expanded forms. B. G. Moishezon. Mat. sbor 56 no. 2, 173-206 F '62.

Some formulae related to a reduced residue system. E. V. Novoselov. Dokl. AN SSSR 143 no. 6, 1274-1277 Ap '62

NUMISMATICS

Club of amateur numismatists. V. P. Ermilov. Prep. ist. v shkole 17 no. 3, 83 My-Je '62.

NURA-TAU—SCHISTS

Concerning A. A. Arustamov's article "Pre-Cambrian age of crystalline schists in the southern Nura-Tau (southern Tien-Shan)" M. M. Ponokhova, Kh. V. Ryskina. Sov geol. 5 no. 3, 162 Mr '62

NURA-TAU—SNAKES

Autumnal feeding of Vipera lebetina (Linnaeus) in Nura-Tau [with summary in English]. O. P. Bogdanov Zool. zhur. 41 no. 2 293-294 F '62.

NURSES' AIDS

Our experience with nurses' aides. M. S. Bogomaz. Fel'd. i akush. 27 no. 3, 36-37 Mr '62.

NURSES AND NURSING

Role of a nurse of a children's or adolescents' institution in the sanitary inspection of food A. G. Korepanov. Med. sestra 21 no. 4, 46-49 Ap '62.

Conference on the subject "Moral image of the Soviet nurse." A. Emel'ianov. Med. sestra 21 no. 4, 60-61 Ap '62.

NURSES AND NURSING—PERIODICALS

Our journal in the year 1961. T. V. Mironov. Med. sestra 21 no. 4, 3-7 Ap '62.

NUTRITION see subdivision under Kirghizistan

NYLON

Changes in the structure of capron on thermal treatment [with summary in English]. K. A. Moskatov, D. IA. TSvankin. Vysokom. soed. 4 no. 2, 201-206 F '62.

Nylon hepatoplasty in resection of cavernous agiomas. I. E. Prokopenko. Khirurgiia 37 no. 7, 124-125 Jl '61.

Unit for suction and recovery of caprolactam vapors and aerosols in the production of capron fibers. G. A. Malafeev Khim volok no. 2, 57-59 '62

NYLON—*TESTING*

Effect of stress relaxation and temperature on the operation of capron bearing bushes. V. G. Andrievskii Plast massy no. 5, 64-65 '62

OAK

(see also subdivision under Carpathian Mountain region, Kuybyshev region; Moscow region, Rostov Province; Ukraine)

Effect of atmospheric temperature on the swelling and opening of leaf buds in English oak (Quercus robur L.) E. I. En'kova. Nauch. zap. VLTI 21, 71-84 '60

OAK—DISEASES AND PESTS

(see also subdivision under Ukraine, Voronezh Province)

Distribution of oviposition by the green oak roller on branches of the crown N. N. Egorov, N. N. Rubtsova, T. N. Solozhenikina. Nauch. zap. VLTI 21, 36-48 '60

OB' VALLEY—GEOLOGY

Some features of the geological structure of the northwestern subsidence of the Tom'-Kolyvan' zone of folding. N. S. Fikhenval'd. Trudy SNIIGGIMS no. 1, 27-35 '59.

OB' VALLEY—GEOLOGY, STRATIGRAPHIC

Tertiary stratigraphy of the Ob'-Irtysh interfluve. F. G. Gurari, M. V. Ushakova Trudy SNIIGGIMS no. 1, 48-54 '59.

OB' VALLEY—ROCKS, SEDIMENTARY

Characteristics of Mesozoic and Cenozoic sediments in the middle Ob' Valley based on the propagation velocity of elastic waves N. I. Pavlenkova Sov. geol. 5 no. 3 148-152 Mr '62

OBSHCHIY SYRT—LANDFORMS

Correlation between recent relief and structural forms in the southern spurs of the Obshchiy Syrt. A. G. Zlizina Uch. zap. Kazakh. un. 37 no. 4, 104-108 '58.

OBSTETRICS

(see also subdivision under Gorkiy)

Activities of the Commission on Problems in Obstetrics and gynecology at the Medical Council of the Ministry of Health of the R. S. F. S. R. O. V. Makueva. Biul. Ucheb. med. sov. 3 no. 2, 17-19 Mr-Ap '62.

Basic principles for managing pregnancy, labor and the puerperal period in women with a heart disease. N. F. Rybkina. Sbor. nauch. rab. Kaf. akush. i gin. GMI no. 1, 36-41 '60.

Intra-arterial transfusion of blood in obstetrical practice, according to data from the maternity homes in Gorkiy L. P. Zagriadskaia. Sbor. nauch. rab. Kaf. akush. i gin. GMI no. 2, 60-62 '60.

Lowering the incidence of maternal death in obstetrical pathology. M. S. Solov'eva. Sbor. nauch. rab. Kaf. akush. i gin. GMI no. 1, 31-35 '60.

Role and significance of gynecological consultation in the prevention of maternal death from extragenital diseases. M. S. Solov'eva. Sbor. nauch. rab. Kaf. akush. i gin. GMI no. 1, 26-30 '60.

Shub, R. L. [Importance of vitamins and nitrofurans in obstetrics and gynecology] Znachenie vitaminov i nitrofuranov v akusherstve i ginekologii. Moskva, Medgiz, 1961. 157 p. (DNLM)

Use of a new preparation, staractic sedaxin, in obstetrics and gynecology. M. S. Baksheiev and others Ped., akush. i gin. 23 no. 6, 35-39 '61.

OBSTETRICS—BIBLIOGRAPHY see Bibliography—Obstetrics

OBSTETRICS—CONGRESSES

Hemorrhages in labor and their control; second scientific and practical conference of midwives and gynecologists of the Ukrainian S. S. R. M. S. Bakshieiev, L. V. Tymoshenko. Ped., akush. i gin. 23 no. 6, 61-3 of cover '61.

OBSTETRICS—SURGERY

[Multivolume manual on obstetrics and gynecology] Mnogotomnoe rukovodstvo po akusherstvu i ginekologii. Moskva, Gos. izd-vo med. lit-ry.
Vol. 6, 1961. 670 p.
(DNLM)

OBSTETRICS—TERMINOLOGY

Nomenclature for the presentation and movement of the head in labor. O. I. Petchenko. Ped., akush. i gin. 23 no. 6, 56-57 '61.

OBSTETRICS, VETERINARY see Veterinary obstetrics

O'CASEY, SEAN, 1884-

One act plays by Sean O'Casey. M. Druzina. Neva no. 1, 183-185 '62.

OCCULTATIONS

Observations of lunar occultation of α Tauri. L. Basurmanova, N. Kabaeva. Astron. tsir. no. 222 27-28 My '61.

Observations of lunar occultations of stars. V. A. Baranenko, F. K. Katagarov. Astron. tsir. no. 222 30-31 My '61.

Observations of lunar occultations of stars at the Astronomical Observatory of the Kiev University A. K. Osipov Astron. tsir. no. 222 28-29 My '61

Observations of lunar occultations of stars in Goloseevo S. P. Maior Astron. tsir. no. 222 29-30 My '61

OCCUPATIONAL DISEASES

(see also subdivision under Great Britain)

Invalidism as a consequence of certain occupational diseases. S. I. Ashbel', E. M. Volovik, E. S. Shirlaeva. Gig. truda i prof. zab. 4 no. 4, 55-56 Ap '60.

Occupational bronchial asthma [with summary in English] A. E. Vermel' Sov. med. 25 no. 1, 116-121 Ja '62.

Occupational cancer [with summary in English]. P. P. Dvizhkov Gig. truda i prof. zab. 4 no. 3, 3-7 Mr '60

Occupational skin diseases. B. I. Il'in. Fel'd. i akush. 27 no. 3, 21-26 Mr '62

Q fever of occupational origin in some provinces of the Ukrainian S. S. R. B. G. Zatulovskii, V. I. Bondarenko. Gig., san. 27 no. 3, 94-96 Mr '62.

Use of radioactive sodium for the purpose of determining the permeability of the vessels in some forms of occupational diseases of the nervous system [with summary in English]. M. N. Ryzhkova and others Gig. truda i prof. zab. no. 1, 32-35 '62

OCCUPATIONS, DANGEROUS

Supplementing the list of goods the loading and unloading of which is paid according to augmented wage rates because of harmful working conditions. Biul. Gos. kom. po vop. truda i zar. platy no. 1, 13 '62.

OCEAN BOTTOM see subdivision under Kronotskiy Gulf; Kurile Islands region

OCEAN CURRENTS see subdivision under Antarctic regions; Karimata Strait

OCEANOGRAPHIC RESEARCH

(see also subdivision under Indian Ocean)

"Diving saucer." K. N. Nesis, IA. I. Starobogatov. Priroda 51 no. 4, 109 Ap '62.

"Severianka' sails away to the ocean" by Vladimir Azhazha Reviewed by L. Chernous'ko. Znan. sila 37 no. 3, 40-41 Mr '62

"Voeikov" sails south. V. Mertsalov. Znan. sila 37 no. 3, 28-31 Mr '62

OCEANOGRAPHY

(see also subdivision under Kronotskiy Gulf; Kurile Islands region)

Shcherbakov, D. I. [The depths of the ocean] Puchiny okeana. Moskva, Izd-vo Akad. nauk SSSR, 1962. 117 p. (Nauchno-popularnaia serila)

OCTANOIC ACIDS

Caprylic acid salts as fungicidal compounds. M. F. Hamalila. Mikrobiol. zhur. 23 no. 6, 49-53 '61.

OCTYLAMINE

Extraction of nitric acid with dioctylamine. E. A. Mezhov, A. A. Pushkov, V. S. Shmidt. Zhur. neorg. khim. 7 no. 4 932-935 Ap '62

ODESSA—ACTING—STUDY AND TEACHING

An experiment. A. Gradzaevskii. Teatr 23 no. 5, 163 My '62

ODESSA—ARTISTS

The principal theme is our times. Mykhailo Todorov. Mystetstvo 8 no. 3, 10 My-Je '61.

ODESSA—ASTRONOMICAL PHOTOGRAPHY

Photographic observations of meteors in Odessa [with summary in English] E. N. Kramer and others. Issl. ionosf. i met. no. 6, 75-96 '62.

ODESSA—MATHEMATICS

Mathematics at Odessa (Novorossiiskii) University. S. M. Kiro. Ist.-mat. zbir. 2 22-42 '61.

ODESSA—MILLING MACHINES

Soviet machines should be the best in the world V. Dollakov. Vnesh. torg. 42 no. 4, 32-33 '62.

ODESSA—PIONEERS (COMMUNIST YOUTH)

Pioneers of a heroic town M. S. Gryfsenko Rad. shk. 41 no. 5, 17-19 My '62.

ODESSA—PLANT BREEDING—RESEARCH

Wealth of an ear. A. Musiiko. Sov. profsoiuzy 18 no. 9, 6-7 My '62.

ODESSA—SYMPHONY ORCHESTRAS

An example of merited succession. Mystetstvo 8 no. 3, 14 My-Je '61.

ODESSA—WAGES—TRANSPORTATION, AUTOMOTIVE

Ways to improve the economic indices of automotive transportation work. M. Sosnov. Sots. trud 7 no. 1 124-125 Ja '62

ODESSA PROVINCE—AGRICULTURE

In response to the decisions of the plenary session of the Central Committee of the CPSU. V. Mazur. Komm. Ukr. 37 no. 4, 83 Ap '62.

ODESSA PROVINCE—SCHOOLHOUSES
Work of student repair and construction brigades. A. Brudman. Shkola i proizv. 6 no.3 95-96 Mr '62.

ODOROUS SUBSTANCES
Preparation of new odorous substances from condensation products of camphene with 2, 6-xylenol. L. A. Kheifits, G. I. Moldavanskaia, IU. I. Popova. Zhur. VKHO 7 no 2: 234-235 '62.

ODORS
World of odors.... V. Kovalev. Znan. sila 37 no 3:48 Mr '62.

OFFENSES AGAINST PROPERTY
Determination of some aspects of criminal offenses against private property K Udalykh. Rad. pravo no 2:61-65 Mr-Ap '62

OFFENSES AGAINST SOCIALIST PROPERTY see subdivision under Kursk Province

OFFICE EQUIPMENT AND SUPPLIES
[illegible]
engineering and administrative work; proceedings] Voprosy mekhanizatsii inzhenernogo i upravlencheskogo truda, materialy. Moskva, Gosstatizdat, 1961. 575 p.

OFFICE EQUIPMENT AND SUPPLIES—ABSTRACTS
[Precision instruments and testing equipment] Ref. zhur. Otd vyp. 10: Prib toch. mekh. i isp ust. nos. 7-9 Ap-My '62.

OFFICE PRACTICE IN GOVERNMENT
Designing forms for official documents. B A. Golitsev. Vop arkh. 7 no.1:91-100 Ja-Mr '62

OIL BURNERS
Air-atomizing burners operating by heated air. B.I. Liberov. Khim.i tekh.topl.i masel 7 no.4 48-52 Ap '62.

OIL CAKE
Reprocessing of supplied pressed oil cakes in the Armavir oil extracting branch plant. I.IA Avramenko, P.P. Rabota. Masl.-zhur.prom. 28 no.3:34-37 Mr '62.

OIL FIELD BRINES see subdivision under Volga-Ural region

OIL FIELD FLOODING
Economic efficiency of remote control of water-intake wells in edge water flooding. G. A. Volkova. Trudy VNII no. 22;150-153 '59.

Hydrodynamic calculations of flooding oil from dissolved-gas pools. M. D. Rozenberg. Trudy VNII no. 25:7-14 '59.

Oil production calculations of flooding oil from dissolved-gas pools. D. A. Efros. Trudy VNII no 25;15-23 '59

OIL FIELDS—ELECTRONIC EQUIPMENT
Choice of a wire communication system for remote control apparatus in oil production. P. A. Ivankov Trudy VNII no. 22;20-24 '59.

Economic efficiency of remote control methods in oil production. G. A. Volkova and others. Trudy VNII no. 22;130-140 '59.

OIL FIELDS—FIRES AND FIRE PREVENTION see subdivision under Zhirnovsk region

OIL FIELDS—PRODUCTION METHODS
(see also subdivision under Klyuchevskaya region, Krasnodar Territory)
Concurrent separate exploitation with flow production of two layers in a single well. B. S. Krutikov. Trudy VNII no. 22;151-163 '59.

Economic efficiency of exploiting wells with bottom pressure lower than flowing pressure. A. N. Buchin Trudy VNII no. 25;170-175 '59.

Establishing norms for the production of oil of the A, B, C$_1$ categories. M. B. Dobrovol'skii. Sov. geol. 5 no. 3: 3-22 Mr '62

OIL HYDRAULIC MACHINERY
Andreev, N. F., and T. S. Zhotkevich. [Hydraulic units mounted on tractors] Gidravlicheskie navesnye sistemy traktorov. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1962. 266 p.

Degtiarev, V. A., N. F. Dronova, and T. S. Zhotkevich. [Using multiple purpose hydraulic systems with separate units and mounted devices] Kak pol'zovat'sia universal'nymi razdel'no-agregatnymi gidravlicheskimi sistemami i navesnymi ustroistvami. Moskva, Izd-vo M-va sel'. khoz. RSFSR, 1961. 142 p.

Gamynin, N. S. [Fundamentals of a hydraulic tracking drive] Osnovy slediashchego gidravlicheskogo privoda. Moskva, Gos. nauchno-tekhn. izd-vo Oborongiz, 1962. 292 p.

Regulating minor liquid consumptions. T. M. Bashta. Vest. mash. 42 no.4:43-49 Ap '62.

OIL HYDRAULIC MACHINERY—MAINTENANCE AND REPAIR
Improving the repairing of oil pumps. G. Katsigras, A. Sergeev, IU. Frolov. Avt. transp. 40 no.4:25-27 Ap '62.

OIL INDUSTRIES
(see also subdivision under Krasnodar Territory)
Inter-factory school for exchange of practices. N. S. Artiunian. Masl.-zhir.prom. 28 no.1,46-47 Mr '62.

Prospects of the expansion of oil and fat industries. Masl.-zhir.prom. 28 no.3:2-5 Mr '62.

OIL INDUSTRIES—BY-PRODUCTS
By-products of the essential oil industry as raw materials for the production of furfurole B. V. Matiushenskii, G. V. Lazurievskii, N. V Ivanov Zhur. prikl khim 35 no. 4 873-876 Ap '62

OIL INDUSTRIES—EQUIPMENT AND SUPPLIES
Cooling system for hydrogenated oils. I. I. Okrugov. Masl.-zhir.prom. 28 no.3 41-42 Mr '62.

OIL RECLAMATION
Petroleum oil reclamation with the use of surface-active agents. A. I. Barkan, I. V. Brat, G. K. Ziller. Khim. i tekh. topl i masel 7 no.4:33-36 Ap '62.

OIL RESERVOIR ENGINEERING
(see also subdivision under Bakhmet'yevskoye region, Volgograd Province; Peschanyy Umet region, Shkapovo region; Tatar A. S. S. R.)
Determination of the parameters of layer from pressure build-up curves constructed with a set of test instruments made by the Ufa Petroleum Scientific Research Institute. P. S. Lapshin. Trudy VNII no 25,166-169 '59.

Discussion. A. I. Gubanov. Trudy VNII no. 25;179-183 '59.

Discussion. A. IU. Namiot. Trudy VNII no 25;193-194 '59.

Discussion. E. I. Sukhankin. Trudy VNII no. 25;186-187 '59.

Discussion. I. IA. IUrin. Trudy VNII no. 25;176-177 '59.

Discussion. M. D. Rozenberg. Trudy VNII no. 25;190-192 '59.

Discussion. V. L. Danilov. Trudy VNII no. 25-178 '59.

Distribution of elastic vibrations in gas liquid media. A. A. Briskman Trudy VNII no. 22;110-125 '59

Effect of the lowering of bottom pressure below the saturation pressure on oil recovery V. I. Kolganov. Trudy VNII no. 25;146-153 '59.

Experimental study of oil recovery in waterflood operations in the presence of free gas. A. F. Bogomolova and others. Trudy VNII no. 25;73-79 '59.

Heterogeneous fluid flow in reservoirs. G. B. Pykhachev. Trudy VNII no. 25;24-37 '59.

Phenomena occurring in oil reservoirs when bottom pressure is below the saturation pressure. G. A. Babalian, D. A. Antonov. Trudy VNII no. 25;38-55 '59.

Practice of exploiting wells with lowered bottom pressure. G. A. Khalikov. Trudy VNII no. 25;154-165 '59

Resolutions of the conference on the development of oil fields with formation pressure lower than saturation pressure. Trudy VNII no. 25;188-189 '59.

Saturation pressure in an operating oil well. N. N. Neprimerov, Trudy VNII no. 25,122-125 '59.

Study of oil wells when bottom pressure is below the saturation pressure. M. T. Zolotov, S. A. Lebedev, V. F. Usenko. Trudy VNII no. 25;60-114 '59.

Technology and technical processes in oil production under conditions of formation oil degassing. S. Kh. Bagdasarov. Trudy VNII no. 25;115-121 '59

Theoretical study of flows changing from a single-phase to a two-phase state. M. I. Shvidler. Trudy VNII no. 25;56-72 '59.

Using electronic computers for hydrodynamic calculations of production oil pools. V. IA. Bulygin. Trudy VNII no. 25;128-132 '59.

OIL SANDS see subdivision under Chechen-Ingush A. S. S. R.; Kura Lowland

OIL SANDS—ANALYSIS see subdivision under West Siberian Plain

OIL-SHALE INDUSTRY—FIRES AND FIRE PREVENTION see subdivision under Estonia

OIL-SHALE INDUSTRY—HYGIENIC ASPECTS
"Schistous pneumoconiosis (pneumoconiosis caused by dust of kukorside oil shales)" by V. A. Kiung. Reviewed by Kh. IA. IAnes. Gig. i san. 26 no. 5:123-124 My '61.

OIL-SHALE INDUSTRY—JOB DESCRIPTIONS
Supplementing and amending the standard list of occupations for workers in enterprises and construction of the coal and oil-shale industries. Buil. Gos. kom. po vop. truda i zar. platy no. 3:14-15 '62.

OIL SHALES
(see also subdivision under Estonia)
Oil shale ashes as fertilizer [with summaries in English, German, and French]. O. G. Khalilk. Vest. sel'khoz. nauki 7 no. 3:77-84 Mr '62.

OIL SHALES—TOXICOLOGY see subdivision under Estonia

OIL WELL DRILLING see subdivision under Fergana

OIL WELL DRILLING FLUIDS—ANALYSIS
Determination of CO_2 during mud logging investigations. P A Levshunov Geol nefti i gaza 6 no 4 58-61 Ap '62.

OIL WELL PUMPS
Aliev, M. D. [Mechanized quality control in the assembling of deep pumps] Mekhanizatsiia kontrolia kachestva sborki glubinnykh nasosov. Baku, Ob"edinennoe izd-vo, 1959. 14 p (Series: Neftedobyvaiushchaia promyshlennost')
[MICROFILM]

Economic efficiency of using electric sinking pumps G. A. Volkova, A. M. Pleshko. Trudy VNII no 22;126-135 '59.

Maintaining constant deep-well pump displacement. A S Virnovskii. Trudy VNII no. 22;3-12 '59.

OIL WELLS—HYDRAULIC FRACTURING
Azerbaidzhanskoe nauchno-tekhnicheskoe obshchestvo neftegazovoi promyshlennosti. [Instructions on the hydraulic fracturing of producing and injection wells] Instruktsiia po primeneniiu gidravlicheskogo razryva plasta v neftianykh i nagnetatel'nykh skvazhinakh. Baku, 1959. 58 p.
[MICROFILM]

OILS, INSULATING see Insulating oils

OILS AND FATS
Effect of oils on the formation of 6-aminopenicillanic acid and penicillins in the submerged cultivation of Penicillium chrysogenum [with summary in English]. V. A. Gotovtseva, M. M. Levitov, O. D. Udina. Antibiotiki 7 no 5,129-133 My '62

Manufacture of vegetable oils and selection of oilseed plants. A. M. Goldovskii. Masl.-zhir.prom. 28 no.3: 7-12 Mr '62.

OILS AND FATS—ANALYSIS
Modified method of volumetric determination of nickel and copper content. A. IA Naab, G. A. Miroslavskaia. Masl.-zhir.prom. 28 no.3:39-40 Mr '62.

OILS AND FATS, EDIBLE—TESTING
Observed indices of the changes in the oil quality due to the frying in it of raw vegetables. S. M. Neimeld, I. M. Nesterova. Konv i ov. prom 17 no.4:1-7 Ap '62

OILSEED PLANTS
Manufacture of vegetable oils and selection of oilseed plants. A. M. Goldovskii. Masl.-zhir.prom. 28 no.3: 7-12 Mr '62.

OILSEEDS
Effect of the stage of vegetation and the time and methods of seeding on the quality of the aromatic oil in coriander and Moldavian dragonhead. M. M. Korotaeva, L. V. Tiurina. Trudy TSSBS no 4 47-53 '60.

OISTRAKH, DAVID FEDOROVICH, 1908-
David Oistrakh conducts Vladimir Vlasov Sov. muz. 28 no. 4 95-96 Ap '62.

OKHOTSK SEA REGION—BASALT
Plateau-basalts in Cenozoic formations of the northern shore of the Sea of Okhotsk [with summary in English] I. M. Speranskaia. Geol. i geofiz. no. 2:26-41 '62.

OKINAWA—MILITARY BASES, AMERICAN
Okinawa in the clutches of American occupation forces. V. Smolenskii. Mezhdunar. zhizn' 9 no. 5:107-108 My '62.

OKINSHEVYCH, IHOR MYKOLAIOVYCH
Strong in spirit. Mykhailo Bynov, Petro Kolias'. Mystetstvo 9 no. 3-21-22 My-Je '61.

OKUNAYKA VALLEY—PHOSPHORITES
Find of phosphorites in the Baikal complex in the Okunayka River (Northern Baikal Highland). A. IA. Zhidkov. Trudy VSEGEI 66;83-85 '61.

OLBIA (BORYSTHENES)—COMMERCE
Trade relations of Olbia with the cities of the Black Sea region in the Hellenistic period. M. M. Bondar. Arkheologiia 13-80-88 '61.

OLD AGE—DISEASES see Geriatrics

OLD-AGE HOMES
(see also subdivision under Sverdlovsk Province; Vladimir)
Constructors and patrons. M. Burenkov. Sots. obesp 23 no. 5:38-39 My '62.

One spring day can feed you for a year. Sots obesp. 23 no. 4:46-47 Ap '62

OLD-AGE PENSIONS
In the Council of Ministers of the U. S. S. R. Sov. just no. 5:22 Mr '62.

OLD CATHOLIC CHURCH
Old-Catholicism and the Orthodoxy. Archbishop Andreas Rinkel. Zhur. Mosk. Pair. no. 2:44-52 F '62.

OLEFINS
Alkylation of 1,1,3-trimethyl-3-phenylindan by olefins in the presence of the $BF_3 \cdot H_3PO_4$ catalyst. S.V. Zavgorodnii. Dokl.AN SSSR 143 no.5 1101-1104 Ap '62.

Pyrolysis of gasoline vapors to acetylene and olefins in hydrogen plasma. D.T.Il'in, E.N.Eremin Vest.Mosk. un.Ser.2:Khim. 17 no.2:20-30 Mr-Ap '62.

OLEIC ACID
Interaction of oleic and stearic acids with metal oxides I.T. Taranenko. Zhur prikl.khim 35 no 4 922-924 Ap '62.

Role of certain factors in the formation of isooleic acids in hydrogenated oils. B.N.Tiutiunnikov, I.V.Bodgan. Masl.-zhir.prom. 28 no.3-20-25 Mr '62.

OLEIC ACID—TOXICOLOGY
Toxic effect of intermediate products of oxidized oleic acid on yeast cells. G.I. Gaganov, Iu.B Kudriashov Dokl AN SSSR 143 no. 6:1453-1454 Ap '62

OLENOGORSK—IRON OXIDES
Akademiia nauk SSSR, Kol'skii filial, Kirovsk. [Flotation of Olenogorsk deposit iron oxides] Flotatsiia oksidov zheleza Olenegorskogo mestorozhdeniia. Apatity, 1961. 33 p.

OLEORESINS
Characteristics of oleoresins in Scotch pine. M.V Livadin. Nauch.zap. VLTI 21:163-165 '60

OLIGOSACCHARIDES
Principal course of the synthesis of oligo- and polysaccharides by micro-organisms. S.I. Novykova. Mikrobiol.zhur. 23 no.4:50-52 '61.

OLMECS—ART
Present situation of the Olmec problem [with summary in English]. R.V.Kinzhalov. Sov.etn. no.2,72-81 Mr-Ap '62.

OLYMPIC GAMES
In the direction of Innsbruck and Tokyo. Gyula Hedi. Sinena 30 no.6:30-31 Ap '62.

OMAN—FOREIGN RELATIONS—GREAT BRITAIN
Oman: A victim of the oil business. A.Shvakov. Az.i Afr.segi. no.4:56 Ap '62.

OMAN—PETROLEUM INDUSTRY
Oman: A victim of the oil business. A.Shvakov. Az.i Afr.segi. no.4:56 Ap '62.

OMSK—POLITICS AND GOVERNMENT
We should promote the participation of workers in the work of governmental agencies. N. Khelmitskii Part zhizn' no.9,15-21 My '62.

OMSK—YOUNG WOMEN
A calling. A. Udodenko. Sov. profsoiuzy 18 no. 6:24-25 '62.

OMSK PROVINCE—INDUSTRIAL MANAGEMENT
Public bureaus are struggling to economize funds. V.Korostelov. Bukhg. uchet 18 no.4:47 Ap '62.

OMSK PROVINCE—POLITICS AND GOVERNMENT
Work of the temporary (nonsalaried) deputies of the Chairmen of executive committees. Sov.deput.trud. no.4:95-96 Ap '62.

OMSK REGION—MAGNETISM, TERRESTRIAL
Interpretation of the data from an aeromagnetic survey of the Omsk sector. A. V. Tuluzakova. Trudy SNIIGGIMS no.1:101-105 '59.

ONCOLOGY
Statistical methods for measuring relations and their use in oncology. A. M. Merkov. Vop.onk. 8 no.3:3-11 '62.

Utilization of high-energy electrons in the oncological clinic (from data of foreign literature) V. A. Petrov. Vop.onk. 8 no.3:115-120 '62.

ONIONS
(see also subdivision under Tomsk)
Using fermented seeds in growing carrots and onions and the biological properties of dried fermented seeds. P P. Chuvaev, N. A. Bedukha. Trudy Inst. sad. AN Tadzh. SSR 2.167-180 '60.

ONORATO, JUAN
Juan Onorato. Sov.pech. no.4:56 Ap '62.

ONOSOVO—CULTURE
Motifs from Onosovo. P. Kocharin. Nova no.3:167-174 '62.

OPEN AND CLOSED SHELVES
Discussion of the problems of readers' access to open shelves in public libraries. Z.N.Ambartsumian. Sov. bibl. no.1:78-81 '61.

For selective accounting. T. Voronova. Bibliotekar' no.4:55-57 Ap '62.

Help those in need of help. A. Panova, E. Markovetskaia. Bibliotekar' no.4:53-54 Ap '62.

OPEN-HEARTH FURNACES
(see also subdivision under France, United States)
Automatic control of thermal and technological conditions in open-hearth furnace smelting M A. Glinkov and others Biul TSIICHM no 10 23-28 '60

Bornatskii, I.I [Use of natural gas for the operation of open-hearth furnaces] Primenenie prirodnogo gaza dlia otoplenila martenovskikh pechei. Kiev, Gos izd-vo tekhn. lit-ry USSR, 1962. 105 p.

Temperature conditions of 500-ton open-hearth furnaces operating with blown-in turbine air and with steam injection in the air V S. Kocho, V I Grankovskii Biul TSIICHM no 10-34-36 '60

Transfer of open-hearth furnaces to operation on natural gas. I. I. Kobeza, V. I Sivak, S V Markov Biul TSIICHM no 10 36-37 '60

OPEN-HEARTH FURNACES—EQUIPMENT AND SUPPLIES
see subdivision under Germany, West

OPEN-PIT MINING see Strip mining

OPERA
(see also subdivision under Cheboksary; Leningrad; London, Moscow)
A word to performers. I Arkhipova. Sov mus. 26 no. 1,21-29 Ap '62

OPERATIONAL CALCULUS see Calculus, Operational

OPERATIONS, SURGICAL
Intravital injection of a colored solution into lymph nodes in cancer surgery M Isambaev. Trudy Inst klin. i eksp khir AN Kazakh SSR no. 7 137-143 '61

Statistical record of diseases requiring outpatient surgical treatment. D. B. Shestov. Zdrav Ros Feder 6 no 1,23-25 Ap '62

OPERATORS (MATHEMATICS)
Asymptotic method for solving certain differential equations with oscillating coefficients. IU. L. Daletskii Dokl. AN SSSR 143 no.5:1026-1029 Ap '62.

Behavior at infinity of the solution to an evolutional equation with an unlimited operator in the presence of nonlinear perturbation IU. I. Domshlak. Izv. AN Azerb SSR. Ser. fiz. -mat. i tekh. nauk no. 1-3-14 '62.

Defect indices and spectrum of some operators. R M. Martirosian. Dokl. AN Arm. SSR 34 no. 2-49-55 '62.

Norms of linear polynomial operators. N. A. Sapogov. Dokl AN SSSR 143 no 6:1280-1282 Ap '62.

Orthogonal radial parts of Laplace operators on symmetric spaces. F. I. Karpelevich. Dokl. AN SSSR 143 no. 5:1034-1037 Ap '62.

Spectral representations of matrix elements [with summary in English]. R. V Tevzikian. Zhur. eksp. i teor fiz 42 no 3 778-782 Mr '62.

Trace formulae for Schrödinger's operator in three-dimensional space. V.S. Buslaev. Dokl ANSSSR 143 no.5:1067-1070 Ap '62.

OPHTHALMOLOGY
(see also subdivision under Ukraine)
Indications for electrophoresis with aloe extract and diathermy in the treatment of postoperative and post-traumatic complications [with summary in English] L. E Cherikchi Oft. zhur no 2 87-93 '62

OPHTHALMOLOGY—PERIODICALS
Critical review of "Oftalmologicheskii zhurnal" for 1960. A. I. Volokonenko. Oft. zhur. 16 no 5:503-505 '61.

OPHTHALMOLOGY, INDUSTRIAL see Industrial ophthalmology

OPHTHALMOSCOPY
Case of spontaneous cyst of the root of the iris diagnosed by gonioscopy. V. M. Pan'kiv Oft. zhur no 2,113-114 '62.

Method of biomicroscopic examination of the eye. B.L. Poliak, A.I.Gorban'. Vest.oft. no.2:18-24 '62.

Projection of ruptures of the retina on to the sclera in myopic eyes [with summary in English] N. D Kudriashova. Oft. zhur. no. 2 75-78 '62.

OPINION, PUBLIC see Public opinion

OPTIC CHIASM
Interstitial substance of the chiasm of the optic nerves in the normal state and in different pathological processes in the human body [with summary in English]. N.V.Sergeev. Vest.oft. no.2:13-18 '62.

OPTIC NERVE—DISEASES
Quantitative darkground perimetry in the diagnosis of neuritis of the optic nerve [with summary in English]. V.V.Permiakova. Oft. zhur. 16 no. 5:460-464 '61.

OPTICAL INSTRUMENTS
How to study the theme "Optical instruments." M. Kuzel. Nar. asv. no. 3 56-60 Mr '62.

OPTICAL INSTRUMENTS—ABSTRACTS
[Photographic and motion-picture equipment and optical instruments] Ref. zhur. Otd. vyp. 46: Foto-kinoapp. i opt. prib. nos. 6-8 Mr-Ap '62.

OPTICS, GEOMETRICAL
Relation between the optical properties of the layer and the substance in light-diffusing media. A. P. Ivanov Dokl AN BSSR 6 no. 4 217-219 Ap '62

OPTICS, PHYSICAL
Condition of self-excitation in a plane-parallel layer A. M Goncharenko, B A Sotskii. Dokl. AN BSSR 6 no 4.223-225 Ap '62

OPTOMETRY
Apparatus for testing visual acuity N. D. Danilov. Feld i ashush 27 no 3-37-41 Mr '62

ORANGE BREEDING
Inheritance of physiological and biochemical attributes in intergeneric and interspecific crossbreeding of bitter oranges. V A. Mikhimanian Izv AN Arm.SSR Biol nauki 15 no.3 15-21 '62

Orange breeding [with summaries in English, German, and French]. N. I Maisuradze Vest.sel'khoz.nauki 7 no. 2-76-80 F '62

ORBIT (EYE)—DISEASES
Dobromyl'skii, F. I., and I. I. Shcherbatov. [Accessory sinuses of the nose and their connection with diseases of the orbit and the lacrimal ducts] Pridatochnye pazukhi nosa i ikh sviaz' s zabolevaniiami glaznitsy i slezootvodiashchikh putei 2 izd., perer. i znachitel'no dop. Moskva, Medgiz, 1961 287 p. (DNLM)

ORDER OF LENIN
"Highest decoration" by M. Mal'tsev Voen. vest. 41 no. 4-125-126 Ap '62

ORE DEPOSITS
(see also subdivision under Altai Mountains, Armenia, Berezovo region, Irtysh Valley, Caucasus, Chukchi National Area; Dashkesan region, Dzungarian Ala-Tau; Europe, Khingan Mountains, Kola Peninsula; Kolyma Valley, Kugitang-Tau, Mokhmana; Russia, Northern; Russian Platform, Siberia, Western; Taymyr Peninsula, Tetyukhe Valley; Transbaikalia, Verkhoyansk Range)
Basic problems of study in the field of regional metallogeny. A. I Semenov, G. S Labazin Zakonom razm polezn iskop. 2 60-77 '59

Basic regularities of the formation and distribution of placer deposits in various climatic areas. V. S. Trofimov Zakonom razm polezn iskop. 2:147-165 '59

Characteristics of the two main types of arsenic-nickel-cobalt deposits. V. A Unksov. Trudy VSEGEI 60 133-138 '61.

Igneous activity and ore mineralization in the Caucasus. G. M. Zaridze Sov geol 5 no. 3,55-66 Mr '62.

Study of the isotope composition of elements in connection with the genesis of ore deposits. N V. Petrovskaia, L. N Grinenko. Geol rud. mestorozh. no 2 3-31 Mr-Ap '62.

Types of metallogenic provinces and ore zones. E A. Radkevich Zakonom razm. polezn iskop 2 25-29 '59.

ORE DEPOSITS—CLASSIFICATION
Classification of post-magmatic ore fields. A. V Korolev, P A Shekhtman Zakonom. razm. polezn. iskop 2 136-146 '59.

ORE DEPOSITS—MAPS
Methodological principles of compiling metallogenic and prognostic maps of ore regions A. V Orlova, F. T. Shatalov. Zakonom razm polezn iskop 2 481-494 '59.

ORE DRESSING
(see also subdivision under Kachkanar region; Kadzharan; Mirgalimsay; Poland, Tekeli)
Coefficient of equal settling in conditions of hindered settling. P. F. Dremin. Izv. vys. ucheb zav.; tsvet. met 3 no. 2:27-36 '60.

Dressing of manganese ores in a hydrocyclone G. M Kosoi. Biul TSIICHM no. 10 30-31 '60.

Drying granulated concentrates and sinter cake by the suction of preheated air. S. M. Anisimov, M. A. Orekhov. Izv. vys. ucheb. zav.; tsvet. met. 3 no. 2:74-79 '60

Laws for crushing. S. B. Andreev. Gor. zhur no. 4:66-70 Ap '62.

Matveev, M. A. [Water and compressed air supply engineering in ore dressing plants] Vodo-vozdushnoe khoziaistvo obogatitel'nykh fabrik. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 281 p.

Potentialities for improving the quality of concentrates and increasing metal recovery in dressing Ural Mountain pyritic ores. A. I. Golomzik, A. A. Golikov, F. I. Nagirnlak. TSvet. met. 35 no. 4-4-7 Ap '62.

Prospects of developing new methods of mineral dressing. I. N. Plaksin. Izv. AN SSSR, Otd. tekh. nauk, Met. i topl. no. 2:9-14 Mr-Ap '62.

Results of a competition among ore dressing plants and plants of nonferrous metallurgy for the achievement of the fullest over-all utilization of ores and concentrates. M. Kubrik. TSvet. met. 35 no. 4:84-85 Ap '62.

Study of roasting in a fluidized bed of unconditioned molybdenite concentrates. V. M. Petrov, A. N. Zelikman. Izv. vys. ucheb. zav.; tsvet. met. 3 no. 2:126-131 '60.

ORE DRESSING (Continued)

Studying the sulfatization roasting in a fluidized bed of converter slags from the nickel industry. Siao Chzhi-tsain, V. I. Smirnov. Izv. vys. ucheb. zav., tsvet. met. 3 no. 2, 80-87 '60.

Treatment of arsenic-cobalt ores by chlorination. S. I. Denisov. Izv. vys. ucheb. zav., tsvet met. 3 no. 2:69-73 '60.

ORE DRESSING—EQUIPMENT AND SUPPLIES
(see also subdivision under Krivoy Rog Basin)

Dynamic characteristics of technological equipment of ore-dressing plants. V. P. Krivokov, G. S. Nesterov. Izv. vys. ucheb. zav., gor. zhur. 5 no. 1 159-164 '62.

Standards for spiral classifiers and hydrocyclones. Tsvet. met. 35 no. 4 85-86 Ap '62.

Technical and economic basis for determining the optimum parameters of ore-dressing equipment. A. P. Diomidov, V. I. Melnikh. Izv. vys. ucheb. zav., gor. zhur. no. 3 152-155 '61.

ORE DRESSING—HYGIENIC ASPECTS

Dust control on the level of secondary breaking in hard ore mining [with summary in English]. M. I. Erman. Gig. truda i prof. zab. 4 no. 1 13-16 Ap '60.

ORE HANDLING—EQUIPMENT AND SUPPLIES see subdivision under Mirgalimsay region

OREKHOVO-ZUYEVO—REFUSE AND REFUSE DISPOSAL

Refuse-sorting and refuse-processing station in Orekhovo-Zuyevo. A. A. Kirpichnikov, M. I. Shreiber, A. P. Shcherbakov. Gig. i san. 26 no. 8 70-75 Ag '61.

OREKHOVO-ZUYEVO—SCHOOLCHILDREN—FOOD

Standard school lunches. Obshchest. pit. no. 3:22-23 Mr '62.

OREL—EVENING AND CONTINUATION SCHOOLS

Friendship between a factory and an institute. T. Mikhailova. Sov. profsoiuzy 18 no. 2:31 Ja '62.

OREL—MEDICAL SOCIETIES

Centennial of the Orel Medical Society. R. IA. Shiperova, N. M. Naftulin. Zdrav. Ros. Feder. 6 no. 3:32-36 Mr '62.

OREL, BATTLE OF, 1943

To the soldiers and officers who participated in the Battle of Orel during the Great Patriotic War. Voen.-ist. zhur. 4 no. 4:129 Ap '62.

OREL PROVINCE—AGRICULTURAL WORKERS—DISEASES AND HYGIENE

Readers relate, advise and criticize. A. Dorofeev and others. Sov. profsoiuzy 18 no. 8:36-37 '62.

OREL VALLEY (UKRAINE)—GEOLOGY, STRATIGRAPHIC

Lithologic characteristics of Devonian sediments and stratigraphic boundaries between the Devonian and Carboniferous in the Mikhaylovskaya structure. V. A. Khomenko. Geol. zhur. 22 no. 2:61-68 '62.

ORENBURG—RESTAURANTS, LUNCHROOMS, ETC.

Milestones of a long journey. E. Kuprianova. Obshchest. pit. no. 3:6-7 Mr '62.

Sons and stepsons. IA. Magid. Obshchest. pit. no. 3. 7-8 Mr '62.

Trip to Orenburg. M. Epshtein. Obshchest. pit. no. 3: 3-5 Mr '62.

ORENBURG PROVINCE—CATTLE—FEEDING AND FEEDS

Contribution of scientists to stockbreeders. Sh. Khairulin. Okhr. truda i sots. strakh. 5 no. 4:28 Ap '62.

ORES—ANALYSIS

Separation of rare earth elements from materials containing iron, calcium, and phosphates [with summary in English]. F. V. Zaikovskii, E. V. Furtova, G. F. Sadova. Zhur. anal. khim. 17 no. 2:202-205 Mr-Ap '62.

ORES—SAMPLING AND ESTIMATION

Errors in analogy in calculating reserves of mineral deposits. D. A. Kazakovskii. Izv. vys. ucheb. zav., gor. zhur. 5 no. 1 66-73 '62.

Inapplicability of the weighing method for calculating average contents. A. A. Petrov. Razved. i okh. nedr 28 no. 3:11-15 Mr '62.

Method of determining the mean commercial content of metal in ore. N. P. Chatko, N. I. Smirnov. Trudy Inst. gor. dela AN Kazakh. SSR 8:46-53 '61.

Method of determining the minimum commercial metal content of complex ores. V. A. Isakov, IU. I. Mal'chenko. Trudy Inst. gor. dela AN Kazakh. SSR 8:40-45 '61.

ORGANIC CHEMISTRY see Chemistry, Organic

ORGANIC COMPOUNDS

Debye approximation for organic crystals. A. I. Kitaigorodskii. Kristallografiia 7 no. 2:195-198 Mr-Ap '62.

Determination of the heats of combustion of nytrogen- and oxygen-containing organic compounds. P. G. Muslov. Khim. prom. no. 3:185-190 Mr '62.

Investigating the phosphates of certain organic bases for use as corrosion inhibitors. E. G. Zak, S. D. Beskov. Uch. zap. MGPI no. 146 25-40 '60.

Measurement of the activity of tritium-containing organic compounds. An. N. Nesmeianov, V. V. Pozdeev, IA. Klass. Zav. lab. 28 no. 3, 305-307 '62.

ORGANIC COMPOUNDS—SPECTRA

Spectra of organic compounds. T. N. Bolotnikova. Priroda 51 no. 4 107 Ap '62.

ORGANIC MATTER see subdivision under Kronotskiy Gulf

ORGANIZATION, INDUSTRIAL see Industrial organization

ORGANIZATION OF AMERICAN STATES

The Organization of American States is a block of imperialist aggressors. N. Korolev. Komm. Mold. 7 no. 3 59-64 Mr '62.

ORGANOMETALLIC COMPOUNDS

Dialkylboron- and dialkylaluminumvinylacetylenes. A. A. Petrov, V. S. Zavgorodnii, V. A. Kormer. Zhur. ob. khim. 32 no. 4 1349-1350 Ap '62.

Electric conductivity and activation energy of some dithiooxamide, N-substituted dithiocarbamate, and thiocyanate (Cu, Co, Ni) polymers. V. M. Vozzhennikov and others. Dokl. AN SSSR 143 no. 5:1131-1134 Ap '62.

Metal derivatives of biacetyl oxime hydrazone. A. V. Ablov, N. I. Belichuk. Zhur. neorg. khim. 7 no. 4. 777-782 Ap '62.

Synthesis of heteroorganic polymers with acetylenic bonds in their chain. V. V. Korshak, A. M. Sladkov, L. K. Luneva. Izv. AN SSSR. Otd. khim. nauk no. 1, 728 Ap '62.

ORGEYEV DISTRICT—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Ideological warriors of the party. V. Barbalat. Komm. Mold. 7 no. 4, 63-68 Ap '62.

ORIENTAL ART see Art, Oriental

ORIENTAL LITERATURE—HISTORY AND CRITICISM

Problems of the "new period" in the literatures of the East. V. I. Semanov. Nar. Azii i Afr. no. 2 135-149 '62.

ORIENTAL RUGS see Rugs, Oriental

ORIENTAL SORE see Delhi boil

ORIENTAL STUDIES

Akademiia nauk SSSR. Institut narodov Azii. [Collected works on the Near and Middle East] Blizhnii i Srednii Vostok; sbornik statei. Moskva, Izd-vo vostochnoi lit-ry, 1962. 185 p.

Theses defended. Soob. Gos. Erm. no. 21:76 '61.

ORIENTAL STUDIES—PERIODICALS see subdivision under Czechoslovakia

ORIENTATION

Generalized orientation reactions in the defective stage of schizophrenia [with summary in French]. E. I. Lebedinskaia, I. M. Feigenberg, O. E. Frelerov. Zhur. nevr. i psikh. 62 no. 1:90-98 '62.

Kuprin, A. M. [Orientation and movement in a locality] Orientirovanie i dvizhenie na mestnosti. Moskva, Voen. izd-vo M-va oborony SSSR, 1962. 57 p. (Biblioteka serzhanta)

Orientation in deserts and in the steppe. G. Priboichenko. Voen. vest. 41 no. 4:29 Ap '62.

Orienting and investigating reflexes and their development in ontogenesis and phylogenesis [with summary in English]. E. G. Vatsuro. Vop. psikhol. 8 no. 1:113-120 Ja-F '62.

ORLOV, S. A.

"A love" by S. Orlov. Reviewed by Dm. Moldavskii. Oktiabr' 38 no. 3:211-212 Mr '62.

ORNITHOSIS
(see also subdivision under Moscow)

"Ornithoses - their epidemiology and prevention" by I. S. Bezdenezhnykh. Reviewed by A. V. Orlov. Zhur. mikrobiol., epid. i immun. 33 no. 3:135-138 Mr '62.

Ornithosis. I. I. Terskikh. Zdorov'e 8 no. 3:22-23 Mr '62.

Ornithosis. Kh. A. Bozlian. Fel'd. i akush. 27 no. 3: 15-17 Mr '62.

OROTUKAN—MACHINERY INDUSTRY—SAFETY MEASURES

All for one and one for all. B. Lisichkin. Okhr. truda i sots. strakh. 5 no. 3:22 Mr '62.

ORSHA—SEWING MACHINES

Once again she followed Gaganova's example. Sviatoslav IArkovich. Rab. i sial. 38 no. 1:9-10 Ja '62.

ORTHODOX EASTERN CHURCH
(see also subdivision under Bulgaria; Leningrad; Moscow; Ukraine)

Anniversary of the polgrimage of His Holiness Patriarch Alekxii to holy shrines of the Near East. Zhur. Mosk. Patr. no. 2:22 F '62.

Grabbe, Georgii. [Truth about the Russian Church in Russia and abroad (in connection with S. V. Troitskii's book "Falsehood of the Karlovtsy Schism")] Prava o russkoi TSerkvi na Rodine i za rubezhom (po povodu knigi S. V. Troitskogo "O nepravde Karlovatskogo raskola). Jordanville, N. Y., Holy Trinity Monastery, 1961. 216 p.

Our duty toward our community. M. Hordilenko. Voloteist no. 4 49-52 Ap '62.

Our father land and the "Kingdom of God." A. Shamaro. Agitator no. 6 55-57 Mr '62.

Services of His Holiness Patriarch Alekxii. Zhur. Mosk. Patr. no. 2 11-12 F '62.

ORTHODOX EASTERN CHURCH—CLERGY

Decisions of the Holy Synod. Zhur. Mosk. Patr. no. 2 22-23 F '62.

ORTHODOX EASTERN CHURCH—RELATIONS

Christmas greetings received by His Holiness Patriarch Alekxii. Zhur. Mosk. Patr. no. 2:3-10 F '62.

Death of the Head of the Greek Orthodox Eastern Church. Zhur. Mosk. Patr. no. 2, 10 F '62.

The 70th birthday of Pastor Doctor Martin Niemoller. Zhur. Mosk. Patr. no. 2:31-32 F '62.

Visiting our Christian brothers in India. V. Kotliarov. Zhur. Mosk. Patr. no. 2, 33-31 F '62.

ORTHODOX EASTERN CHURCH—YEARBOOKS

[Orthodox way; yearbook of church, theology, and philosophy] Pravoslavnyi put'; tserkovno-bogoslovsko-filosofskii ezhegodnik. Jordanville, N. Y., Holy Trinity Russian Orthodox Monastery, 1961. 176 p. (Prilozhenie k zhurnalu "Pravoslavnaia Rus'")

ORTHOGONAL FUNCTIONS see Functions, Orthogonal

ORTHOGONAL SERIES see Series, Orthogonal

ORTHOPEDIC NURSING

Gandel'sman, A. B., ed. [Exercise therapy in the pediatric orthopedic clinic] Lechebnaia fizicheskaia kul'tura v detskoi ortopedicheskoi klinike. [Leningrad] Medgiz, 1961. 191 p. (Biblioteka prakticheskogo vracha) (DNLM)

OSCILLATIONS

Calculating the entropy of probability distributions of coordinates and impulses in a harmonic oscillator. A. S. Rubanov and others. Dokl. AN BSSR 6 no. 5. 220-222 Ap '62.

OSCILLATIONS—MEASUREMENT

Error in measuring peak magnitudes and the total amplitude of compound harmonic oscillations. R. V. Vasil'eva. Izm. tekh. no. 4:31-33 Ap '62.

OSCILLATORS, ELECTRIC

Methods for generating a mesh of stable frequencies using an impulse self-oscillator with regulated initial phase. V. F. Elizev. Elektrosviaz' 16 no. 4:28-32 Ap '62.

Power impulse self-oscillator. L. I. Bolotin and others. Izv. vys. ucheb. zav., radiotekh. 4 no. 6, 726-728 N-D '61.

Stabilization of the frequency band of a microwave generator. V. B. Ostashevskii. Izv. vys. ucheb. zav., radiotekh. 4 no. 6 709-710 N-D '61.

OSCILLATORS, ELECTRON-TUBE

All-purpose portable generator. V. Nikolaev. Starshina sverzh. no. 1:35 Ja '62.

Crystal controlled auxiliary generator. V. N. Shaberdin. Avtom., telem. i sviaz' 6 no. 5 38 My '62.

Konstantinovskii, A. G. [Control of relaxation oscillators] Upravlenie relaksatsionnymi generatorami. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1962. 111 p.

OSCILLOGRAPH

Device for automatically regulating the speed of the paper-moving mechanism of the OS-60 oscillograph. E. N. Rozenberg. Geofiz. razved. no. 6:87-89 '61.

Substituting an automobile light bulb for the special SM-2 bulb. R. A. Bazhenov. Geofiz. razved. no. 6:92 '61.

OSCILLOGRAPH, CATHODE RAY see Cathode ray oscillograph

OSSETIA—GEOLOGY, STRATIGRAPHIC

Vertical interval in the polymetallic mineralization of Mountainous Ossetia. V. B. Chernitsyn. Dokl. AN SSSR 143 no. 5:1177-1178 Ap '62.

OSSETIA—SCALE INSECTS

Pseudo scale Palaeolecanium bituberculatum Targ. in North Ossetia [with summary in English]. A. P. Gulii. Zool. zhur. 41 no. 2:230-233 F '62.

OSSETIA, NORTH—CRIMINAL JUSTICE, ADMINISTRATION OF

The results of an inspection. P. Dzidzakhanov. Sov. iust no. 5:25 Mr '62.

OSSIFICATION

"X-ray diagnosis of calcification and heterogenetic ossification" by V. A. D'iachenko. Reviewed by I. E. Kochnova and V. S. Maint. Sov. med. 25 no. 1:154-155 Ja '62.

OSTANKINO—GROCERY TRADE

Cooperative pavilion at a collective farm market. T. Makharadze. Sov. potreb. koop. 6 no. 4:48 Ap '62.

OSTEITIS FIBROSA

Case of osteodystrophia fibrosa of a rib. M. M. Mukhamedziev. Sov. zdrav. Kir. no. 1:56 Ja-F '62.

FELLITIS
teomyelitis of the spine E P, Gabarets Zdravookhranenie 5 no 1:60-62 Ja-F '62.
ifferential diagnosis of acute hematogenic osteomyelitis and rheumatism in children, A.L.Cheskis, Ukr. ortop. i travmatol. zhurn. no.3:46-49 '62.
the muscle flap in the plastic repair of the bone
M. V. Chronic osteomyelitis [with summary in English] 1962.
ent of chronic hematogenic osteomyelitis in
M.L.Dmitriev. Nov.khir.arkh. no.3:38-46

ASTY see Bone grafting

OROSIS
rosis as a complication in prolonged treatment
ortical steroids, A L Mashkilleison, Vest
rad. 37 no.2:70-71 Mr-Ap '62.

OSMOGONY see Cosmogony, Ostiak

of the Sel'kupy shamans about the world; based on
ngs and water colors of the Sel'kupy F D Prokofiev. Sbor. muz. ant. i etn. 20:54-74 '61.

ODA, FOSSIL see subdivision under Turgay

A (CZECHOSLOVAKIA)—WAR MEMORIALS
ials of eternal glory N Kuz'min Sov voin 44 29 Ap '62.

YNGOLOGY
tional pathology of the otolaryngological organs in
rs of cotton mills A A. Kravchenko and others.
ruda i prof. zab. 4 no. 6 41-43 Je '60

ll, PAVEL VLADIMIROVICH, 1866-
rrors in P.V Otoiskii's works G. F Basov.
i zap. VLTI 21:112-130 '60.

—EDUCATIONAL ASSOCIATIONS
f the district office of the pedagogical association
omanovskyi. Rad shk 40 no.4 72-75 Ap '62

R LIFE
ha, Anatolii. [When we are 40, in just and
isly about things that concern everybody] Kogda
orok; i v shutku i vser'ez o tom, chto kasaetsia
. [Moskva] Izd-vo "Fizkul'tura i sport," 1961.
(Bibliotechka "Fizkul'tura i zdorov'e")

3
onal and morphological changes in the ovaries of
rats during experimental neurosis. E B, Pavlova.
y Inst. vys. nerv. deiat. Ser. patofiziol. no.9:99-110

S—CANCER
epithelioma of the ovary (one observation) [with
mary in English] A. M Doronenkova. Vop. onk 8
103-104 '62.
l aspects and diagnosis of malignant tumors of the
es. A. F. Dobrotina Sbor. nauch. rab Kaf. akush.
GMI no 2:90-93 '60.
ant tumors of the ovaries and their treatment
Dobrotina. Sbor. nauch. rab Kaf akush i gin GMI
226-229 '60.
ases of a skin melanoma of the head to the ovary
Mandel'shtam. Vop onk 8 no 4:83-85 '62.
ry cystomas of the ovaries. A. F. Dobrotina
nauch. rab. Kaf akush i gin. GMI no 1 223-225

S—SURGERY
ten content in young women following removal of the
les. N. G. Krapivin. Sbor. nauch. rab Kaf. akush. i
GMI no 2:102-103 '60

S—TUMORS
of single-dose gamma-irradiation on the frequency
rtain tumors in mice, R.V.Smirnov. Dokl.AN
143 no.5,1211-1214 Ap '62.
ation of ovarian cysts and their treatment. G A.
shnikova. Sbor. nauch. rab. Kaf. akush. i gin. GMI
103-111 '60.

OTOMY
regeneration of ovaries in cows, female rab-
ative and chickens N. E Shalduga. Veterinariia 37
249-51 D '60.

high-frequency currents and infrared rays for
ry and pastry products baking. G. D. Kaneman.
b. i kond. prom. 6 no. 4:43 Ap '62.

IME
onsultations. B. Zhukov and others. Sov. profsoiuzy
no. 8:46 '62.

C ACID
mination of small amounts of manganese by the cata-
reaction between permanganate and oxalate ions
summary in English]. M. P. Babkin Zhur. anal.
17 no. 2:256-257 Mr-Ap '62.
diffusion coefficients of aqueous potassium metanio-
and products of its interaction with oxalic acid.
ovskii, L G. Vlasov, A. V. Lapitskii. Vest
gilkov Ser. 2:Khim. 17 no. 2 42-46 Mr-Ap '62.
k. un.

OXAMIDE
Gas phase method of synthesizing polyoxamides I Ia Sokolov. Plast. massy no 5 45-47 '62

OXAZOLE
New method of synthesizing 5-monoaryl-substituted derivatives of 1 3-oxazole N P. Demchenko, A P Grekov Zhur ob khim 32 no. 4 1219-1220 Ap '62.

OXAZOLECARBOXYLIC ACID
Compounds with a potential antituberculat activity Part 3 Thio amides of 2-substituted 4-oxazolecarboxylic acids T. P. Sycheva, T Kh Trapp, M N. Shchukina Zhur ob khim 32 no. 4 1071-1077 Ap '62

OXAZOLIDINONE
Use of furazolidone in the pullorum disease and paratyphoid fever of poultry. M. T. Prokof'eva and others. Veterinariia 38 no 1,41-46 Ja '61.

OXAZOLINE
Preparation of higher aliphatic α-amino acids from 2-phenyl-4-(phenylidene)-5-oxazolines. B. P. Fabrichnyi, E. A. Krasnianskaia, IA L. Goldfarb. Dokl AN SSSR 143 no 6,1370-1373 Ap '62

OXIDATION
Ancient zones of oxidation of carbonate ore deposits in western Tuva [with summary in English]. A S Mitropol'skii. Geol. i geofiz. no 1:64-77 '62
Behavior of cadmium in the zone of oxidation. N. A. Roshlakov Geol. i geofiz. no. 1,126-129 '62.
Effect of certain factors on the rate of oxidation of cumene by oxygen and on its hydroperoxide yield V A Shushunov, B A Redoshkin, IU D Golubev. Zhur. prikl. khim. 35 no. 4 832-836 Ap '62.
Effect of peening on niobium oxidation R F Voitovich, Metalluved i term. obr. met no. 4,45-48 Ap '62.
Kinetics of the catalyzed oxidation of methyl orange by hydrogen peroxide. V. V. Budanov. Izv. vys. ucheb. zav., khim. i khim. tekh. 5 no. 1:47-53 '62.
Oxidation of bis-cyclopentadienylphenyltitanium by hydrogen peroxide G A Razuvaev, V. N. Latiaeva, L I Vyshinskaia. Zhur. ob. khim. 32 no 4 1354-1355 Ap '62
Oxidation of $TiCl_3$ in hydrocarbon and aqueous media [with summary in English]. G. P Belonovskaia, B. A. Dolgoplesk, Zh. D. Chernova. Vysokom. soed. 4 no. 2: 181-186 F '62.
Protecting crude and vulcanized rubbers from catalytic oxidation under the effect of copper and iron ions. A. S. Kuz'minskii, V. D. Zattseva, N. N. Tezluev. Kauch i rez. 21 no 4:10-14 Ap '62.
Stereochemistry of cyclic compounds. Report No. 50. Oxidation of cis-syn-Δ^7-hydrindene-4, 5-dicarboxylic acid anhydride. V. F Kucherov, E P. Serebriakov Izv. AN SSSR. Otd. khim. nauk no. 4:601-606 Ap '62.
Study of the initial stage of the process of methane conversion at high pressure. A. G. Leibush, E D. Shorina. Khim. prom no. 3:160-165 Mr '62.
Two-step oxidation of waste gases from carbon disulfide production. K. E. Perepelkin, B. S. Aranovich, P. D. Kovin. Khim. volok no 2:38-40 '62.
Vapor phase oxidation of fluorene. M M. Dashevskii, G. P. Petrenko. Zhur. prikl. khim. 35 no 3:693-696 Mr '62.

OXIDATION, PHYSIOLOGICAL
Diagnostic significance of the value of the coefficient of insufficient oxidation during the action of heavy metals [with summary in English] A. IU Tilis, Kh IA. Vengerskaia, N. E. Stepovaia Gig. truda i prof zab. 6 no 3: 30-31 Mr '62.

OXIDATION-REDUCTION REACTION
Cyclic oxidation-reduction of uranium oxides. A. F. Bessonov, V. G. Vlasov, V. N. Strekalovskii Zhur. prikl khim. 35 no. 3:657-660 Mr '62.
Effect of the pH value of leuco solution on the redox characteristics of vat dyes V. G. Abozin, M. G. Romanova. Zhur. prikl. khim 35 no. 4,850-854 Ap '62
Formal redoxy potentials of monosubstituted ferrocenes. S. P. Gubin, E. G. Perevalova. Dokl AN SSSR 143 no. 6: 1351-1354 Ap '62.

OXIDES
Transfer numbers in solid oxides. A. D. Neuimin, S. F. Palguev. Dokl. AN SSSR 143 no. 6:1388-1391 Ap '62.

OXYGEN
High energy fragments emitted in the absorption of a slow π^--meson by an O^{16} nucleus [with summary in English]. A. F. Varfolomeev. Zhur. eksp. i teor. fiz. 42 no. 3 725-726 Mr '62.

OXYGEN—DRYING
Drying of oxygen by cooling. V. M. Brodianskii and others. Prom. energ. 17 no. 4:21-25 Ap '62.

OXYGEN—INDUSTRIAL APPLICATIONS
Advantage of using oxygen-enriched air for reverberatory smelting. A. M. Davidson. Izv. vys. ucheb. zav. ; tsvet. met. 3 no. 2:132-134 '60.

OXYGEN—PHYSIOLOGICAL EFFECT
Effect of oxygen and carbon dioxide on the rate of coronary blood flow [with summary in English]. R. A. Babenko. Pat. fiziol. i eksp. terap. 5 no. 6:52-56 N-D '61.

OXYGEN COMPOUNDS
Synthesis and functional analysis of oxygen complexes on a surface of freshly cleft graphite. IU A. Zhdanov and others. Dokl. AN SSSR 143 no. 6 1358-1361 Ap '62

OXYGEN IN THE BODY
Effect of local anesthetics — mesocaine and xylocaine — on oxidative processes in the rat brain tissue. M. I. Kuzhman. Farm. i toks. 25 no. 1 98-103 Ja-F '62

OXYGEN THERAPY
Effect of oxygen therapy on external respiration and arterial blood oxygen saturation in chronic pulmonary cardiac insufficiency [with summary in English]. M. N Malova. Sov med 25 no 1:39-43 Ja '62
Treatment of ascariasis in pregnant women with oxygen N. M. Leusenko Ped. akush i gin 23 no 3:60-61 '61

OXYTOCIN—PHYSIOLOGICAL EFFECT
Effect of oxytocin on the reproduction system in male farm animals [with summaries in English German, and French] V K. Milovanov, A P. Berezhnev, L N Gorokhov. Vest. sel'khoz nauki 7 no. 2 99-103 F '62

OZONE
Generation of ozone and nitric oxides by gamma radiation in the operation of a high-power gamma installation [with summary in English] V F Orekhko, N I. Tikhomirenko. Gig. truda i prof zab 4 no. 6 16-20 Je '60.
Konferentsiia po atmosfernomu ozonu, Moscow, 1959. [Atmospheric ozone; results of the work of the International Geophysical Year in the U. S. S. R. Reports and resolutions] Atmosfernyi ozon, rezul'taty rabot Mezhdunarodnogo geofizicheskogo goda v SSSR. Doklady i rezoliutsii. [Moskva] Izd-vo Mosk. univ., 1961 195 p
Sensitivity of ozone-oxygen solutions to pressure pulse Z. B. Basyrov, A. V Pankratov. Khim prom no. 3: 174-175 Mr '62

PACIFIC OCEAN—DICYEMA
Dicyemida of the Far Eastern seas. Report No 2: New species of the genus Dicyemennea [with summary in English]. I I Bogolepova-Dobrokhotova. Zool. zhur. 41 no. 4:503-518 Ap '62

PACKAGING—EQUIPMENT AND SUPPLIES
T. V. Tishchenko's packaging apparatus. M. Pavlova. Sov torg. 35 no. 1 51-55 Ap '62.

PACKAGING MACHINERY
New filling and packing devices and automatic machines. Z. F. Ivanova, N. A Kovalenko. Mekh. i avtom proizv. 16 no. 1:27-32 Ap '62

PACKING HOUSES
Production design for meat combines. V. I. Rinkhovskii Trudy AZVI 9,383 '59

PAIN
Participation of the medullary substance of the adrenals in the reaction of the gastric glands to a pain stimulus [with summary in English] A. S Iampol'skii Biul. eksp biol i med. 3[1 e. 53] no 3 30-34 Mr '62
Treatment of phantom pains by electronarcosis M. Z Konovalova Trudy Inst. klin i eksp. khir. AN Kazakh. SSR no 7 51-54 '61

PAINT
Preparation of colored polystyrene latexes stable in a state of aggregation. S. M. Aleksandrova, N. D. Tok. Lakokras. mat. i ikh prim. no. 1 25-27 '62.
Seminar on the exchange of experience in manufacturing water emulsion paints. A. I. Tarasov. Lakokras. mat. i ikh prim. no. 1:92 '62.

PAINT—TESTING
Determination of the wear of paint coatings. A. S. Leikin. Lakokras. mat. i ikh prim. no. 1:64-67 '62.

PAINT INDUSTRY
(see also subdivision under Tashkent)
Competition of laboratories and departments of the State Design and Planning Research Institute (GIPI-4) and of workshops of experimental plants for the title of "the enterprise of communist labor." V. M. Romanov. Lakokras. mat. i ikh prim. no. 1 1-2 '62.

PAINT INDUSTRY—SAFETY MEASURES
Babanov, G. P. [Safety measures and labor hygiene in the enamel shops of lacquer and paint factories] Tekhnika bezopasnosti i gigiena truda v emalevykh tsekhakh lakokrasochnykh zavodov. Moskva, Goskhimizdat, 1961. 21 p. (Pamiatka po tekhnike bezopasnosti)

PAINT MATERIALS
Apparatus for testing the strength of paste-like paint materials and its use in evaluating the dispersing process. M. A. Chupeev, A. A. Trapeznikov. Lakokras. mat. i ikh prim. no. 1:67-71 '62.
Economizing solvents in the manufacture of paint materials. I. S. Okhrimenko, A. D. Ivkovlev. Lakokras. *mat. i ikh prim. no. 1:33-36 '62.*
Preparation of colored polystyrene latexes stable in a state of aggregation. S. M. Aleksandrova, N. D. Tok. Lakokras. mat. i ikh prim. no. 1 25-27 '62.
Preparation of thixotropic paint materials and study of their physicomechanical properties. B. I. Ivanov and others. Lakokras. mat. i ikh prim. no. 1:28-33 '62.

PAINT MATERIALS (Continued)

Replies to questions concerning the use of paint materials. Lakokras. mat. i ikh prim. no. 1:79-80 '62

Solvents for lacquers and paints. M. M. Gol'dberg. Lakokras. mat. i ikh prim. no. 1 81-90 '62.

PAINTERS see subdivision under Kostroma

PAINTERS, UKRAINIAN

Creative unquietness. V. Kastian. Ukraina no. 10 / My '62

PAINTING

Monumentalism in easel painting. Platon Pavlov. Iskusstvo 25 no. 3 21-26 '62

PAINTING, GERMAN

Theses defended. Soob. Gos. Erm. no. 21:76 '61

PAINTING, INDIC

Art of India today. L. Gorin. Iskusstvo 25 no. 3:47-52 '62.

PAINTING, INDUSTRIAL

Effect of high-voltage power supply sources on electrostatic spraying of paint materials. M. M. Freidin. Lakokras. mat. i ikh prim. no. 1, 54-56 '62.

Painting instruments with the U421 and U422 enamels. Av. prom. 26 no. 8:90-91 '57.

PAINTING, INDUSTRIAL—HYGIENIC ASPECTS

Occupational hygiene in conventional and mechanized painting [with summary in English] I. F. Zapalkevich. Gig. truda i prof. zab. 4 no. 3 18-23 Mr '60

PAINTING, UKRAINIAN

The "traveling artists" and the Kievan school of painting. Petro Hovdia. Mystetstvo 9 no. 1:28-29 Ja-F '62.

PAINTINGS

(see also subdivision under Leningrad)

Artists' contribution to the 22d Congress. F. L. Khersonskaia, M. B. Milotvorskaia. Zdorov'e 8 no. 2:8 F '62.

PAINTINGS, BRITISH—EXHIBITIONS see subdivision under Leningrad

PAINTINGS, CHINESE

Systematization of Chinese New Year pictures (nyang hua) preserved in the Leningrad collections. M. L. Rudova. Trudy Gos. Erm. 5:286-298 '61.

PAINTINGS, DUTCH

New information on the works of Rembrandt' disciples for the city hall in Amsterdam [with summary in French]. I. V. Linnik. Trudy Gos. Erm. 6 no. 2 250-263 '61.

PAINTINGS, ENGLISH

From the history of Russian-English artistic relations at the beginning of the 19th century [with summary in French]. A. E. Krol'. Trudy Gos. Erm. 6 no. 2 303-394 '61.

PAINTINGS, ETHIOPIAN

An Ethiopian painting from the new accessions of the Museum of Anthropology and Ethnography. Z. P. Akisheva. Sbor. muz. ant. i etn. 20:145-153 '61.

PAINTINGS, ETHIOPIAN—EXHIBITIONS see subdivision under Moscow

PAINTINGS, INDONESIAN

Artists of a free country. Az. i Afr. segodn. no. 4:48-49 Ap '62.

PAKHTAABADSKIY DISTRICT—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Out of touch with life. R. Safarov. Part. zhizn' [Uzb.] 5 no. 2:68-70 F '62.

PALATE—WOUNDS AND INJURIES

Case history of acquired defects of the soft palate. Kh. A. Badalian. Trudy Semipal. med. inst. 2:342-343 '59.

PALEOBOTANY

"Paleography" by K. K. Markov. Reviewed by S. V. Meien. Paleont. zhur. no. 4:172-173 '61.

PALEOBOTANY, STRATIGRAPHIC see subdivision under Turkmenistan

PALEOGEOGRAPHY see subdivision under Yenisey Valley

PALEOGRAPHY

"Paleography" by K. K. Markov. Reviewed by S. V. Meien. Paleont. zhur. no. 4:172-173 '61.

PALEONTOLOGY—TERMINOLOGY

Serious mistakes in the nomenclature. D. V. Obruchaev. Paleont. zhur. no. 4:144-150 '61.

PALEONTOLOGY, STRATIGRAPHIC see subdivision under Aral Sea region; Caucasus, Northern

PALLADIUM—METALLOGRAPHY

Microscopic investigation of palladium deformation in the process of stretching at high temperatures. M. G. Lozinskii, N. Z. Pertsovskii. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 2:136-144 Mr-Ap '62.

PALLADIUM ELECTRODES see Electrodes, Palladium

PALM OIL see subdivision under Indonesia

PALMITIC ACID

Effect of the ketone of palmitic acid on the estrous cycle and pregnancy [E. S. Detiuk, V. S. Baranov. Ped., akush. i gin. 23 no. 6:58-60 '61.

PALMS see subdivision under Georgia

PALMS, FOSSIL see subdivision under Penzhina Bay

PALPATION

Problem of regional cerebral hypertension. Report No. 1: Comparison of data from palpation and mechanocardiographic methods [with summary in French]. V. A. Raibshtein. Zhur. nevr. i psikh. 62 no. 1:28-31 '62

PALYGORSKITES

Ferriferous palygorskite (xylotile) in kimberlites. G. I. Smirnov. Geol. i geofiz. no. 1 129-134 '62.

PALYNOLOGY see subdivision under West Siberian Plain

PAMIRS—AGRICULTURAL WORKERS

Measurement of energy spent by cattle breeders in the east Pamirs. F. T. Dzhumaev. Zdrav. Tadzh. 9 no. 1, 47 Ja-F '62.

PAMIRS—GEOLOGICAL TIME

Age of the Murgab series in the eastern Pamirs. E. IA. Leven. Trudy AN Tadzh. SSR 101 no. 1:123-129 '59.

PAMIRS—GEOLOGY, STRUCTURAL

Geological development of the central Pamirs [with summary in English]. M. S. Dlufur. Vest. LGU 17 no. 6: 24-35 '62.

PAMIRS—MOUNDS

Excavations of burial mounds in the eastern Pamirs in 1958. B. A. Litvinskii. Trudy Inst. ist., arkheol. i etn. AN Tadzh. SSR 27:37-48 '61.

PAMIRS—PETROLOGY

Genetic types and distributions of accessory minerals in the complex of Early Alpine granitoid rocks in the western Pamirs. M. Kh. Khamidov. Trudy AN Tadzh SSR 104 no. 1:101-121 '59.

PAMIRS—ROCKS, IGNEOUS

Geology of intrusions in the eastern part of the Pamirs. V. I. Budanov and others. Trudy AN Tadzh. SSR 104 no. 1:131-138 '59.

PAMIRS—STONE AGE

Studying the Stone Age monuments in the eastern Pamirs in 1958. V. A. Ranov. Trudy Inst. ist., arkheol. i etn. AN Tadzh. SSR 27:19-35 '61.

PANCREAS

Changes in the pancreas following subdiaphragmatic resection of the right vagus nerve [with summary in English]. V. IA. Batunina. Biul. eksp. biol. i med. 3[i. e. 53] no. 3:102-104 Mr '62

PANCREAS—CANCER

Surgical treatment of cancer of the pancreas. V. I. Gordeev. Vop. onk. 8 no. 4 91-94 '62.

PANCREAS—DISEASES

Antibiotic treatment of pancreatitis complicated by diabetes mellitus [with summary in English]. A. P. Pliskovich. Klin. med. no. 2:23-26 '62.

Clinical characteristics of acute pancreatitis in elderly and senile subjects. A. M. Aptekareva. Zdravookhranenie 5 no. 1:17-21 Ja-F '62.

Pathogenesis of cystic fibrosis of the pancreas. I. N. Potapova. Pediatriia no. 1, 67-74 '62.

Zakrzhevskii, E. B. [Functional diagnosis of diseases of the pancreas] Funktsional'naia diagnostika zabolevanii podzheludochnoi zhelezy. [Leningrad] Medgiz, 1961. 166 p.
(DNLM)

PANCREAS—SECRETIONS

Effect of dehydration of the body on the exocrine function of the pancreas in the dog. M. V. Enikeev. Med. zhur. Uzb. no. 2 62-65 F '62.

Exocrine activity of the pancreas following extensive resection of the upper segment of the small intestine [with summary in English]. I. V. Malkiman, A. P. Mukhina. Biul. eksp. biol. i med. 53 no. 4:57-61 Ap '62.

Role of pancreatic enzymes in the etiology of acute cholecystitis [with summary in English]. P. V. Kravchenko, V. E. Volkov. Klin. med. no. 2:21-23 '62.

Secretory function of the pancreas and intestines in folic acid deficiency caused by the administration of aminopterin [with summary in English]. S. IA. Mikhlin, M. F. Nesterin. Pat. fiziol. i eksp. terap. 5 no. 6:26-30 N-D '61.

PANCREAS—SURGERY

New method for treating the pancreatic stump. V. S. Savel'ev, V. Sh. Rubotnikov. Khirurgiia 37 no. 7:83-86 Jl

Shock and hepatorenal insufficiency in pancreatoduodenal resections [with summary in English]. M. O. Sternin. Khirurgiia 37 no. 7, 93-98 Jl '61.

Surgical treatment of a fistula of the pancreas. IU. L. Bagrinovskii. Nov. khir. arkh. no. 3:78-80 '62.

PANCREAS—TUMORS

Cases of papillary cystadenoma of the pancreas. N. S. Makokha, A. S. Zinov'ev. Khirurgiia 37 no. 7, 140-142 Jl '61.

PANCREAS—WOUNDS AND INJURIES

Isolated closed rupture of the pancreas. N. A. Liuboshits. Khirurgiia 37 no. 7 142-113 Jl '61.

PANFILOV DISTRICT—CORN (MAIZE)

Now you can see the results of corn growing. S. Tanekeev. Part. zhizn' Kazakh. 31[i. e. 32] no. 4 26-31 Ap '62

PANINO DISTRICT—JOURNALISM, AGRICULTURAL

Everything is good in its season. A. Zabela. Sov. pech. no. 3:24-25 Mr '62.

PANINO DISTRICT—SUGAR BEETS

Everything is good in its season. A. Zabela. Sov. pech. no. 3:24-25 Mr '62.

PANIUKIN, IVAN IVANOVICH, 1001-1961

I. I. Paniukin. Kozh.-obuv. prom. 4 no. 2:3 of cover. F '62.

PAPAL ENCYCLICALS see Encyclicals, Papal

PAPAVERINE

Effect of sodium nitrite, nitroglycerin and papaverine on renal circulation in experimental atherosclerosis [with summary in English]. Z. T. Samoilova. Farm. i toks. 25 no. 1:38-43 Ja-F '62.

PAPER CHROMATOGRAPHY

Fluorimetric method of determining free thiamine by means of paper chromatography. S. L. Belen'kaia, G. F. Tikhomirova. Khleb. i kond. prom. 6 no. 4:3-4 Ap '62.

Paper chromatographic separation of chlorophyllide a, chlorophyllide b, and protochlorophyllide. L. I. Vlasenok. Dokl. AN BSSR 6 no. 4:255-259 Ap '62.

Quantitative determination of trace elements from the height of peaks on paper chromatograms. Report No. 1 Determination of copper and nickel ions. F. S. Bolchinova, V. B. Alesskovskii. Trudy LTI no. 49:94-100 '58.

Separation of p-tolyl derivatives of tellurium by paper chromatography. V. D. Nefedov, S. A. Grachev, Z. A. Grant. Zhur. ob. khim. 32 no. 4 1179-1182 Ap '62.

PAPER-CUTTING MACHINES—EQUIPMENT AND SUPPLIES

Gutter sticks made of a synthetic material. E. V. Maglinovskaia. Poligr. proizv. no. 11, 22-23 N '61.

PAPER ELECTROPHORESIS

Administration of strophanthin by electrophoresis and intravenous drip in diseases of the cardiovascular system. T. V. Gavriliuk. Vop. pat. krovi i krovoobr. no. 5: 126-130 '59.

Comparative examination of the electrophoretic changes in the blood serum proteins and the morphological changes in liver tissue in inflammatory processes of the gallbladder and bile ducts [with summary in English]. B. S. Kaplanskii. Khirurgiia 37 no. 7 38-47 Jl '61

Dynamics of serum protein fractions in acute hepatitis. O. D. Grigor'eva. Vop. pat. krovi i krovoobr. no. 5: 69-81 '59.

Sedimentograms and electrophoretic recordings in two cases of multiple myeloma. P. I. Popkova. Vop. pat. krovi i krovoobr. no. 5, 82-89 '59.

PAPER HANGING

Beautifying a house. Izobr. i rats. no. 4:12-14 Ap '62.

PAPER INDUSTRY

Sergeeva, A. S. [Technological inspection and control of woodpulp and paper manufacture] Tekhnologicheskii kontrol' tsellulozno-bumazhnogo proizvodstva. Moskva, Goslesbumizdat, 1961. 260 p.

PAPER INDUSTRY—COSTS

Classifying production expenditures and calculating costs. A. Chirkov. Bukhg. uchet 18 no. 4:32-37 Ap '62

PAPERMAKING MACHINERY

[Equipment and technology of the printing industry] Ref. zhur. Otd. vyp. 37: Obr. i tekh. poligr. proizv. nos. 7-8 Ap '62.

PAPKOVICH, PETR FEDOROVICH, 1887-

Petr Fedorovich Papkovich; on his 75th birthday. Sudostroenie 28 no. 4:79 Ap '62.

PAPPATACI FEVER

Study of the vectors of the virus of pappataci fever in an experiment. E. V. Finogenova. Med. zhur. Uzb. no. 2 39-41 F '62.

PARABOLE see Simile

PARACHUTE TROOPS

Below us is our native soil. A. Kochetkov. Sov. voin 44 no. 4:19-20 F '62.

Communists on the right flank. V. Lunin. Starsh.-serzh. no. 4:7 Ap '62.

Resourcefulness saved him. IU. Pavlov. Starsh.-serzh. no. 2:25 F '62.

Soldiers of the winged infantry. I. Semenov. Voen. znan. 38 no. 4:27-28 Ap '62.

PARACHUTING
Will, resourcefulness, accuracy. I. Lisov. Starsh. serzh. no. 3:12-13 Mr '62

PARAFFIN WAX
Low-melting paraffin waxes from eastern oils. K. S. Lipovskaia, E. V. Voznesenskaia. Khim. i tekh. topl. i masel 7 no. 4:25-29 Ap '62.

PARAFFINS
Molybdenum and tungsten catalysts for the isomerization of paraffin hydrocarbons. G. N. Maslianskii, N. R Bursian. Zhur. prikl. khim. 35 no. 4:816-824 Ap '62

PARALYSIS
Course of Landry's paralysis in pregnant women. V. A Gusev, P. IA. Semenova. Sbor. nauch. rab. Kaf. akush. i gin. GMI no. 2:69-71 '60
Early clinical signs of parturient paralysis in cows. A. A. Rubenkov. Veterinariia 37 no. 8:58-60 Ag '60.

PARALYSIS, INFANTILE see Poliomyelitis

PARAMAGNETIC RESONANCE AND RELAXATION
Attainment of the sensitivity limit of a radiospectroscope for observing electronic paramagnetic resonance. V. A Atsarkin, M. E Zhabotinskii, A. V Frantsesson. Radiotekh. i elektron. 7 no. 5 868-873 My '62.
Damping of spin waves interacting with phonons. E. N. IAkovlev. Fiz. tver. tela 4 no. 3:594-600 '62
Effect of concentration on the relaxation time in gadolinium ethyl sulfate at helium temperatures. S. A. Poskovatskii, A. N. Chernets. Fiz. tver. tela 4 no. 3: 665-667 '62.
Effect of spin-phonon interaction in a paramagnetic on the energy distribution of scattered neutrons. B. M. Khabibullin. Fiz. tver. tela 4 no. 3:587-593 '62
Effect of a weakly inhomogeneous magnetic field on resonance phenomena in metals. E. A. Kaner, V. M. Nabutovskii. Fiz. tver. tela 4 no. 3:685-691 '62.
Paramagnetic resonance of trivalent chromium in andalusite. V. M. Vinokurov and others. Fiz. tver. tela 4 no. 3:646-649 '62.
Resonance dielectric losses in aluminum silicates. V. A. Ioffe, I. S. IAnchevskaia. Fiz. tver. tela 4 no 3:668-680 '62.
Some compounds of trivalent titanium and their paramagnetic resonance. E. I. Semenova. Dokl. AN SSSR 143 no. 6:1368-1369 Ap '62.
Spin-lattice relaxation in gadolinium ethyl sulfate. S. A. Poskovatskii, A. N. Chernets. Fiz tver. tela 4 no 3. 657-664 '62.
Studying phosphors by the method of electronic paramagnetic resonance. V. V. Antonov-Romanovskii. Izv. AN SSSR. Ser. fiz. 26 no. 4.460-462 Ap '62.
Studying the isomorphous features of Fe^{3+} ions in andalusite by the paramagnetic resonance method. V. M. Vinokurov and others. Kristallografiia 7 no. 2:318-320 Mr-Ap '62.
Theory of spin-lattice relaxation in paramagnetic ionic crystals [with summary in English]. L. K. Aminov. Zhur. eksp. i teor. fiz. 42 no. 3:783-786 Mr '62.

PARAMAGNETISM
Effect of spin-phonon interaction on the magnetic properties of paramagnetic substances. B. M. Khabibullin. Fiz. tver. tela 4 no. 3:801-805 '62.

PARAMECIUM
Paramecia reaction in the diagnosis of malignant tumors of the female genital zone. A. D. Firstanova. Sbor. nauch. rab. Kaf. akush. i gin. GMI no. 1:213-216 '60.
Protistocide properties of phenol derivatives. M. N. Roimistrov and others. Mikrobiol. zhur. 23 no. 4: 28-31 '61.

PARAMUSHIR ISLAND REGION—ZOOPLANKTON
Brief characterization of the zooplankton in the coastal waters of Paramushir Island. M. A. Virketis, T. G. Zhadina. Trudy Inst. okean. 30:230-235 '59.

PARASITES see subdivision under Black Sea; Korch Strait

PARASITES—ANCHOVIES
Parasite fauna of the Azov anchovy (Engraulis encrasicholus maeotica Pusanov) and its changes during the migration of the host. V. M. Nikolaeva. Trudy SBS 14: 269-273 '61.

PARASITES—BIRDS see subdivision under Siberia, Western; Ural Mountain region

PARASITES—GOATS
Study of muellerlosis in domestic and wild animals of Georgia. D. V. Moseliani, T. E. Rodonaia. Soob. AN Gruz. SSR 28 no. 1:79-80 Ja '62.

PARASITES—HORSES
Biology of the causative agent of parafilariosis in horses. M. P. Gnedina, A. N. Osipov. Veterinariia 37 no. 8:49-50 Ag '60.

PARASITES—INSECTS
Encyrtidae (Hymenoptera), parasites of Nipponaclerda turanica (Arch.) (Homoptera, Aclerdidae) in the Nogay Steppe [with summary in English]. V. A. Triapitsyn. Zool. zhur. 41 no. 4:560-570 Ap '62.

PARASITES—SCALE INSECTS
New parasite of the Turanian scale Diaspidiotus prunorum (Laing) in Armenia and Uzbekistan. V A Triapitsyn Dokl. AN Arm. SSR 34 no. 2.93-96 '62.

PARASITES—SEA BASS
Parasite fauna of the sea bass (Spicara smaris (L.)) of the Black Sea T. A. Kostina. Trudy SBS 14,274-285 '61

PARASITES—SEA URCHINS see subdivision under Caucasus

PARASITES—SHEEP
Study of muelleriosis in domestic and wild animals of Georgia. D. V Moseliani, T E. Rodonaia Soob. AN Gruz SSR 28 no 1.79-80 Ja '62

PARASITOLOGICAL RESEARCH
"A timely detected danger" by P. A. Petrishcheva. Reviewed by S. M. Navashin. Zdorov'e 8 no 2.27 F '62

PARASYMPATHOLYTICS
Experimental bases for the use of central cholinolytics in practical medicine. P. P. Denisenko. Vest. AMN SSSR 17 no. 3:48-58 '62.

PARATHION—TOXICOLOGY
Reactions of the organism to the repeated action of thiophos in an experiment [with summary in English]. N K. Bialko. Gig. truda i prof. zab. 4 no. 3 44-48 Mr '60.

PARATHYROID GLANDS—DISEASES
Hyperparathyroidism in combination with multiple adenomatoses of the endocrine glands A. A. Chumakov, V S. IAgodovskii Arkh. pat. no 8:76-80 '61

PARATUBERCULOSIS OF CATTLE see Johne's disease

PARATYPHOID FEVER
(see also subdivision under Novaya Usman' District)
Effect of nutritional protein deficiency on the general distribution of Gärtner's paratyphoid microbes after their intracutaneous introduction in an experiment [with summary in English]. A. P. Moroz. Pat. fiziol. i eksp. terap 5 no. 6:33-35 N-D '61.
Intravital bacteriological diagnosis of paratyphoid fever in calves. B A. Matvienko. Trudy AZVI 9 207-212 '56
Producing live vaccine for controlling paratyphoid fever in calves. B. A. Matvienko Trudy AZVI 9.213-217 '56

PARENT AND CHILD (LAW)
Who is hurt most of all. A. Vaksberg. Sem'ia i shkola 17 no. 4 34-35 Ap '62

PARIS—COMMUNE, 1871
Lukin, N. M. [Selected works in three volumes] Izbrannye trudy v trekh tomakh. Moskva, Izd-vo Akad. nauk SSSR.
Vol. 2. 1962. 517 p.

PARKOVO—RURAL LIBRARIES
In the midst of life. L. Nimitsu Bibliotekar' no. 4:27-28 Ap '62

PARODIES, UKRAINIAN
Nud'ha, H. A. [The parody in Ukrainian literature] Parodiia v ukrains'kii literaturi. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 172 p.

PAROTID GLANDS
Changes in the parotid glands following repeated action of ionizing radiations [with summary in English]. A. A. Proklonchukov, V. V. Panikarovskii. Arkh. pat. no. 8: 30-44 '61.

PARROTIA
Root system of ironwood and soil structure. I. B. Karaev. Izv. vys. ucheb. zav.; les. zhur. 4 no. 6.163-164 '61.

PART-TIME EMPLOYMENT
Rights of seasonal workers. S. TSeitlin. Okhr. truda i sots. strakh 5 no. 4.38-40 Ap '62.

PART-TIME FARMING
(see also subdivision under Perm Province)
Let's give more attention to auxiliary farms. Sots. obesp. 23 no 4:6-7 Ap '62.
One spring day can feed you for a year. Sots. obesp 23 no. 4:46-47 Ap '62.

PARTHENOGENESIS
Parthenogenesis of insects. V. V. IAkhontov. Uzb. biol. zhur. 6 no. 2.56-63 '62.

PARTICLE ACCELERATORS
Gol'din, L. L., S. V. Skachkov, and K. N. Shorin. [Magnetic measurements in charged particle accelerators] Magnitnye izmereniia v uskoritelíakh zariazhennykh chastits. Moskva, Gosatomizdat, 1962. 55 p.
A million versts to the heart of the atom. G. Basil'ev. IUn. tekh. 6 no. 3:12-15 Mr '62.
Moscow. Inzhenerno-fizicheskii institut. [Accelerators] Uskoriteli; sbornik statei. Pod red. G. A. Tingunova. Moskva, Gosatomizdat.
No. 3. 1962. 216 p.

PARTICLE TRACK PHOTOGRAPHY see Photography, Particle track

PARTICLES (NUCLEAR PHYSICS)
Analytic determination of charged-particle trajectories in plane electrostatic fields. E. S. Kochanov Zhur. tekh. fiz. 32 no. 3:294-302 Mr '62
Effect of a nucleon isobar with a spin T = 1/2 on the results of the statistical theory of multiple particle generation. I. G Golíak, V. I. Rusíkin Trudy Inst. fiz. AN Kazakh SSR 5 155-163 '62
Electrostatic prismatic analyser of the energy of charged particles V M. Kel'man, I V. Rodnikova. Zhur. tekh. fiz. 32 no. 3:279-286 Mr '62.
Mosaic method of preparing programs for the calculation of an electron-photon cascade by means of an electronic computer using the Monte Carlo method [with summary in English] V V Chavchanidze, R. S Shaduri, V A. Kumsishvili Trudy Inst. fiz AN Gruz SSR 6 59-95 '58.
Possibility for determining the magnetic moments of unstable vector particles A M Baldin, Nguen-Van-Khieu. Zhur. eksp. i teor. fiz. 42 no 3 905-906 Mr '62
Some problems in the theory of heavy unstable particles [with summary in English]. S G Matinian Trudy Inst. fiz AN Gruz. SSR 6 173-229 '58
Using the average density method in calculating the motion of charged particles on electronic computers. S P. Lomnev. Dokl. AN SSSR 143 no. 6.1309-1312 Ap '62.
Yields of products of splitting and fission under the effect of high-energy particles. A. N Murin Radiokhimiia 4 no 1 125-128 '62.

PASLIADOVICH, ALIAKSANDRA ANUFRYEVNA
A lyric painter. D Maslau. Rab i sial. 38 no. 4:15 Ap'62

PASSIVATION
Chemical cleaning of metal surfaces by sand blasting S. A. Balezin, S. D Beskov, L. P. Zaitsev. Uch. zap. MGPI no 146.41-61 '60

PASSPORTS see subdivision under United States

PASTEURELLA PESTIS
Cultivation of the plague microbe on media of acid casein hydrolysate demineralized using an ion exchange resin [with summary in English] E. E. Bakhiakh and others Zhur. mikrobiol., epid. i immun. 33 no. 3 51-55 Mr '62.
Nature of a fibrinolytic substance in the plague microbe [with summary in English]. G. A. IAromiuk, I. V. Domaradskii. Biul. eksp. biol. i med. 53 no. 4:97-01 Ap '62

PASTURES AND MEADOWS
(see also subdivision under Alma-Ata Province; Crimea; Ukraine)
Improvement of natural grasslands of complex Solonetz soils [with summaries in English, German, and French]. M. D. Konstantinov Vest. sel'khoz. nauki 7 no. 1:85-94 Ja '62.
Ivanov, D. A. [Cultivated pastures] Kul'turnye pastbishcha. [Leningrad] Lenizdat, 1961. 127 p.
(DA)

PATENT LAWS AND LEGISLATION
Two chapters of the law. I. Gringol'ts. Izobr. i rats. no. 4:32 Ap '62.

PATENTS
[Bulletin on inventions] Biul. izobr. 39 nos. 4-7 F-Ap '62.

PATHOGENIC FUNGI see Fungi, Pathogenic

PATHOLOGY
Role of blood vessels in pathology. V. A. Val'dman. Vop. pat. krovi i krvoobr. no 5:3-10 '59.

PATHOLOGY, EXPERIMENTAL
Poltyrev, S. S. [Problems in the pathogenesis and treatment of some diseases of the internal organs in the light of experimental data] Voprosy patogeneza i terapii nekotorykh zabolevanii vnutrennikh organov v svete eksperimental'nykh dannykh. Moskva, Medgiz, 1962. 210 p.
(DNLM)

PATHOLOGY, VETERINARY see Veterinary pathology

PATOM PLATEAU—GEOLOGY, STRATIGRAPHIC
Age of the Mama layer and its position among the Pre-Cambrian formations in the Northern Baikal Highland and Patom Plateau. V. K. Golovenok. Trudy VSEGEI 66:71-82 '61.

PATRINIA
Treating seeds of Patrinia intermedia Roem. et Schult. with trace elements before sowing. A. L IAkubova, M. M. Kostromina. Trudy TSSBS no. 4.55-59 '60.

PATRIOTISM
(see also subdivision under White Russia)
Brief news Agitator no. 6 63 Mr '62.
Karpovics, E. [Patriotism, internationalism, and cosmopolitanism] Par patriotismu, internacionalismu un kosmopolitismu. Riga, Latvijas Valsts izdevnieciba, 1960. 47 p. [In Latvian]
Our fatherland and the "Kingdom of God." A. Shamaro Agitator no 6:55-57 Mr '62.
Religion is the enemy of patriotism and internationalism. T. Kychko. Voiov. ateist. no 5:44-48 My '62.

PAVEMENTS
Moscow. Avtomobil'no-dorozhnyi institut. [New methods of designing and testing flexible road pavements] Novye metody rascheta i ispytaniia dorozhnykh odezhd nezhestkogo tipa. Pod obshchei red. N. N. Ivanova, Avtotransizdat, 1962. 37 p.

PAVLODAR—THEATER
Age of a theater G Shcherbina Teatr 23 no 5:81-86 My '62

PAVLOVSK DISTRICT—COOPERATIVE SOCIETIES
Going forward Z Ivacheva, Sov potreb koop 6 no 4 8-12 Ap '62

PAYKEND—POTTERY
Green glazed pottery from Paykend [with summary in English] F. A. Kondrat'eva Trudy Gos. Lrm 5 216-227 '61

PAYMENT
Let's inculcate progressive forms of payments IA Kunik Sov torg, 35 no. 4:26-28 Ap '62.

Payments for agricultural machinery B Beliianskii, G Malofeev Fin SSSR 23 no. 4 43-44 Ap '62

PEACE
For peace and friendship among the peoples. Mezhdunar. zhizn' 9 no. 5:117 My '62.

Resolution of the working committee of the Christian Conference for the Defense of Peace. Zhur. Mosk. Patr. no. 2 33-35 F '62.

PEACE—SOCIETIES, ETC. see subdivision under Leningrad

PEACE SOCIETIES see subdivision under Canada

PEAR—FROST RESISTANCE see subdivision under Novosibirsk Province

PEAR—VARIETIES see subdivision under Central Russian Upland

PEARL HARBOR, ATTACK ON, 1941
An absolutely secret mission. Voen.-ist. zhur 4 no. 1 84-91 Ja '62.

PEAS
(see also subdivision under Mordovia)
Giant peas IUn nat. no. 4 18-19 Ap '62.

Machinery and equipment in pea raising. B. Seredenko. Tekh. v sel'khoz. 22 no. 4:4-10 Ap '62.

Use of disc and roller-type equipment in sowing peas. V. Komaristov, V. Babenko. Tekh. v sel'khoz, 22 no. 4:82-84 Ap '62.

PEAS, CANNED see subdivision under Moldavia

PEASANT UPRISINGS
(see also subdivision under China, Kura Valley; Moldavia; White Russian)
"Military deeds of the masses" by P. P. Vershigora Reviewed by S. Lipitskii Voen.-ist. zhur, 4 no 4:94-100 Ap '62

PEASANTRY
(see also subdivision under Altai Territory)
Capitalist world without adornment. Sov. profsoiuzy 18 no. 9:39 My '62.

PEAT
Change of the viscoplastic parameters of peat in processing. M. P. Volarovich, A. A. Bagrov. Izv. vys. ucheb. zav., gor. zhur. 5 no 2:64-69 '62

Dissociation of nitrogen compounds over peat coke packovskii, V. Z. Volkov. Torf. prom 39

osition

Feasibility of determining the humidity of peat by the neutron method [with summary in English]. N. I. Shorstsova, IA. E. Chudars. Inzh.-fiz. zhur. 5 no 4 58-63 Ap '62.

PEAT—TRANSPORTATION
(see also subdivision under White Russia)
Costs and equipment reorganization in peat transportation. V. V. Fedorov. Torf. prom. 39 no. 3:3-8 '62

PEAT BOGS
(see also subdivision under Mogilyevskiy region, Snov Valley)
Experience in the afforestation of peat bogs having been used for peat winning P A Leonov Les. khoz 15 no. 1 41-44 Ap '62

PEAT INDUSTRY
Manufacture of litter from peat A IU. Brechalis and others. Torf. prom. 39 no 3:14-16 '62

PEAT INDUSTRY—FIRES AND FIRE PREVENTION see subdivision under Shatura region

PEAT INDUSTRY—HYGIENIC ASPECTS see subdivision under White Russia

PEAT MACHINERY
(see also subdivision under White Russia)
Determination of the wave length of a peat belt in spreading B P Nazheatkin Izv vys ucheb zav , gor zhur. 5 no 2 62-63 '62.

Eliminating oil leakage through the slits of the reducing gear shaft of the BPF-2(2M) unit milling cylinder A A Prokhod'ko Torf. prom. 39 no. 3:30-31 '62

In the Fuel and Power Engineering Section of the Technical and Economic Council of the Economic Council of Moscow Province. V. Beresnevich Torf prom. 39 no 3:35-36 '62.

Over-all mechanization of the production of peat fertilizers and litter. S. Kocher, M Kalabukhov. Ekon sel'khoz 33 no 2 76-79 F '62

Results of the operations of FPU-1 shifting harvesters during the 1961 season N. N Khudskii Torf prom 39 no 3:1-3 '62.

Signaling device of the milling cylinder sleeve. L. S Kashchenko Torf. prom. 39 no. 3:32 '62.

Standardization and typification in peat machinery manufacture. V. K. Gutsunaev, A. K IArisev. Torf. prom. 39 no. 3:25-28 '62

PEAT SOILS
Study of the coefficients of viscosity and cohesion of peat soils. A K. Riabov. Izv vys ucheb zav , gor. zhur 5 no. 2:58-61 '62.

PECAN see subdivision under Vakhsh Valley

PECHORA BASIN—COAL GEOLOGY
Resistivity method of micrologging in Pechora Basin coal deposits. V. V. Grechukhin. Geofiz. razved. no. 6 95-111 '61.

PECHORA VALLEY—STROPHOMENACEA, FOSSIL
Tournai Chonetes in the Timan-Pechora region. N N Fotieva Paleont zhur no. 4 100-108 '61

PECHORA VALLEY—VANES
Ship "cloth" weather vanes. N. I. Gagen-Torn. Shor. muz. ant. i etn. 20:75-83 '61.

PECHORO-ILYCH PRESERVE—SQUIRRELS
Is marten responsible for the diminishing squirrel population? [with summary in English]. IU P. IAzan Zool. zhur. 41 no. 4 633-635 Ap '62.

PECTIN
he elimination of lead from the body
nglish]. A. D. Berzubov, O. G
ina. Gig. truda i prof. zab. 4 no. 3:

beet pectin and its purification
tions. G. V. Buzina. Khleb i
0-12 Ap '62.

ING see subdivision under Moscow

A
osis in pediatric surgery [with
N. V. Menisilov. Sov. med. 25

—EQUIPMENT AND SUPPLIES
taking X-ray pictures of new-
asov. Vest. rent. i rad. 37
12

for the good of man. Ped.,
:1-2 '61.

s helpers. I. Rassovskaia.
Mr '62.

SSES
atricians in the Ukraine. O. M.
ish. i gin. 23 no. 6:32-34 '61.

on under Kirghizistan

PEGMATITES
(see also subdivision under Bitulya Bay region, Kalba Range, Tarbagatay Range; Volyn' Province; Yukspor Mountain; Zhiabulak Mountains)
Magmatic and structural control of pegmatitic deposits P P Borovikov Trudy VSEGEI 57 5-41 '61

One example of the genetic association of rare-metal pegmatites with granites V. N. Kotlar, O. A. Goetrov, V. V. Shcherbin Izv. vys. ucheb. zav. geol i razv. 5 no 3, 62-69 Mr '62.

PELTS see Hides and skins

PENDZHIKENT—ANTIQUITIES
Archaeological work of the Pendzhikent Detachment in 1958. A. M. Belenitskii. Trudy Inst. ist., arkheol. i etn. AN Tadzh. SSR 27 81-99 '61.

PENDZHIKENT—MURAL PAINTING AND DECORATION
Archaeological work of the Pendzhikent Detachment in 1958. A. M. Belenitskii. Trudy Inst. ist., arkheol. i etn. AN Tadzh. SSR 27:81-99 '61.

PENICILLANIC ACID
Dynamics of the production of 6-aminopenicillanic acid and penicillin, the effect of a precursor [with summary in English]. D. V. Halama, E. J. Martonová. Antibiotiki 7 no. 5 404-410 My '62.

Effect of oils on the formation of 6-aminopenicillanic acid and penicillins in the submerged cultivation of Penicillium chrysogenum [with summary in English] V. A. Gotovtseva, M. M. Levitov, O. D. IUdina. Antibiotiki 7 no. 5 429-433 My '62.

Fermentative production of 6-aminopenicillanic acid from benzylpenicillin [with summary in English]. M. M. Levitov and others. Antibiotiki 7 no. 5:415-421 My '62.

Formation of 6-aminopenicillanic acid by strains of Penicillium chrysogenum Wis 51-20 and Novyi gibrid on various media without precursors [with summary in English]. D. V. Halama, E. J. Martonová Antibiotiki 7 no. 5:398-404 My '62.

Formation of 6-aminopenicillanic acid during the fermentation of Penicillium chrysogenum on a medium without a precursor [with summary in English]. M. M. Levitov, V. A. Gotovtseva, G. F. Zavileiskaia. Antibiotiki 7 no. 5:410-414 My '62.

Iodometric method of determining 6-aminopenicillanic acid [with summary in English]. V. B. Korchagin, N. M. Ermakova, E. N. Druzhinina. Antibiotiki 7 no. 5:449-453 My '62.

Ion exchange method of isolating crystalline 6-aminopenicillanic acid from the products of the fermentative hydrolysis of penicillin [with summary in English]. E. M. Savitskaia and others. Antibiotiki 7 no. 5:437-440 My '62.

Method for isolating crystalline 6-aminopenicillanic acid from culture fluids obtained during the fermentation of the microorganism, Penicillium chrysogenum without a precursor [with summary in English]. E. M. Savitskaia and others. Antibiotiki 7 no. 5:431-437 My '62.

Physicochemical properties of 6-aminopenicillanic acid - titration curves and its solubility [with summary in English]. B. P. Bruns and others. Antibiotiki 7 no. 5:440-442 My '62.

6-Aminopenicillanic acid and new penicillins. M. M. Levitov, E. M. Savitskaia, I. I. Tovarova. Antibiotiki 7 no. 5:387-398 My '62.

Stability of 6-aminopenicillanic acid in aqueous solutions [with summary in English]. A. P. Kondrat'eva and others. Antibiotiki 7 no. 5:442-448 My '62.

Study of the process of the formation of 6-aminopenicillanic acid during the fermentative hydrolysis of benzylpenicillin [with summary in English]. I. I. Tovarova, O. V. Shornikova, M. M. Levitov. Antibiotiki 7 no. 5: 421-429 My '62.

PENICILLIN
Clinical course of abscessing mastitis following the intracutaneous administration of penicillin at the focus of the disease A. I. Kotel'nikova. Sbor. nauch. rab. Kaf akush i gin. GMI no. 1 105-108 '60.

Dynamics of the production of 6-aminopenicillanic acid and penicillin; the effect of a precursor [with summary in English]. D. V. Halama, E. J. Martonová. Antibiotiki 7 no. 5:404-410 My '62.

Effect of oils on the formation of 6-aminopenicillanic acid and penicillins in the submerged cultivation of Penicillium chrysogenum [with summary in English]. V. A. Gotovtseva, M. M. Levitov, O. D. IUdina. Antibiotiki 7 no. 5:429-433 My '62.

Fermentative production of 6-aminopenicillanic acid from benzylpenicillin [with summary in English]. M. M. Levitov and others. Antibiotiki 7 no. 5:415-421 My '62.

Formation of 6-aminopenicillanic acid by strains of Penicillium chrysogenum Wis 51-20 and Novyi gibrid on various media without precursors [with summary in English]. D. V. Halama, E. J. Martonová. Antibiotiki 7 no. 5:398-404 My '62.

Ion exchange method of isolating crystalline 6-aminopenicillanic acid from the products of the fermentative hydrolysis of penicillin [with summary in English]. E. M. Savitskaia and others. Antibiotiki 7 no. 5:437-440 My '62.

PENICILLIN (Continued)

Late results in the treatment of lactation mastitis by the intracutaneous administration of penicillin at the focus of the disease. A. I. Kotel'nikova. Sbor. nauch. rab. Kaf. akush. i gin. GMI no. 1 109-110 '60.

Morphological changes of the central nervous system and penicillin therapy in staphylococcal infections. M. M. Aleksandrovskaia. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. no. 9 183-191 '61.

Penicillin in the prevention of postpartum diseases following intrauterine surgical interventions. N. P. Mikhailova. Sbor. nauch. rab. Kaf. akush. i gin. GMI no. 1 99-101 '60.

6-Aminopenicillanic acid and new penicillins. M. M. Levitov, L. M. Savitskaia, I. I. Tovarova. Antibiotiki 7 no. 5 387-391 My '62.

Study of the process of the formation of 6-aminopenicillanic acid during the fermentative hydrolysis of benzylpenicillin [with summary in English]. I. I. Tovarova, O. V. Shorokhova, M. M. Levitov. Antibiotiki 7 no. 5 421-429 My '62.

Treatment of initial lactation mastitis by the intracutaneous administration of penicillin at the focus of the disease. A. I. Kotel'nikova. Sbor. nauch. rab. Kaf. akush. i gin. GMI no. 1 102-104 '60.

PENICILLINASE

Modified iodometric method for determining the activity of penicillinase [with summary in English]. S. M. Chalkovskaia, T. G. Venkina. Antibiotiki 7 no. 5 153-156 My '62.

PENICILLIUM

Effect of oils on the formation of 6-aminopenicillanic acid and penicillins in the submerged cultivation of Penicillium chrysogenum [with summary in English]. V. A. Gotovtseva, M. M. Levitov, O. D. Udina. Antibiotiki 7 no. 5 429-433 My '62.

Formation of 6-aminopenicillanic acid by strains of Penicillium chrysogenum Wis 51-20 and Novyi gibrid on various media without precursors [with summary in English]. D. V. Ilakuma, E. I. Martynova. Antibiotiki 7 no. 5 399-404 My '62.

Formation of 6-aminopenicillanic acid during the fermentation of Penicillium chrysogenum on a medium without a precursor [with summary in English]. M. M. Levitov, V. A. Gotovtseva, G. F. Zavilenskaia. Antibiotiki 7 no. 5 410-414 My '62.

Method for isolating crystalline 6-aminopenicillanic acid from culture fluids obtained during the fermentation of the microorganism, Penicillium chrysogenum without a precursor [with summary in English]. F. M. Savitskain and others. Antibiotiki 7 no. 5 434-437 My '62.

PENIS—ABNORMITIES AND DEFORMITIES

Rare anomaly of the urogenital system (Agenesia penis). G. L. Aleksandrovich, K. G. IAkunin. Urologiia no. 6 60-62 '61.

PENIS—DISEASES

Operative treatment of posthitis in bulls. M. N. Kirillov, I. S. Chernenko. Veterinariia 37 no. 12, 54 D '60.

PENSIONERS

Do we need the special "associations of pensioners?" Part. zhizn' no. 9:70-72 My '62.

With community participation. S. Dunaevskii, D. Grabor, P. Dmitriev. Sov. potreb. koop. 6 no. 4 15-16 Ap '62.

PENSIONERS—EMPLOYMENT
(see also subdivision under Adler)

Beloved work. N. Churakov. Sov. pech. no. 3:48-49 Mr '62.

The busy life of Maryia Paulauna. E. Zlobina. Rab. i stial. 38 no. 1:7 Ja '62.

Warm words. T. Satnchin. Agitator no. 10:57 My '62.

We are grateful to our old teachers. P. Sarayev. Agitator no. 10:59 My '62.

PENSIONERS—SOCIETIES, ETC.
(see also subdivision under Lithuania; Volgograd Province)

Their souls are young. R. Mamedova. Sots. obesp. 23 no. 5:13-14 My '62.

PENSIONS
(see also subdivision under Ivanovo Province; Kalinin; Perm; Shakhty District, Tyumen' Province; Volgograd)

Changes in legislation; procedure for including the annual longevity bonus in wages for the calculation of pensions. Okhr. truda i sots. strakh. 5 no. 3 39 Mr '62.

Changes in pension laws. A. Zaborinev. Sots. obesp. 23 no. 4:56-59 Ap '62.

Conversation by permission. S. Smirnov. Sots. obesp. 23 no. 4:30-31 Ap '62.

Granting of state pensions to the members of collective farms. G. Smirnova. Sots. obesp. 23 no. 5:54-58 My '62.

How we interpret the law. G. Amelina. Sots. obesp. 23 no. 4:29 Ap '62.

Interpretations concerning the granting of preferential pensions. Okh. truda i sots. strakh. 5 no. 4:40-41 Ap '62.

New civil legislation of the U. S. S. R. and some aspects of pension coverage. IU. TSederbaum. Sots. obesp. 23 no. 5 17-20 My '62.

Nonoccupon system. E. Sidorov. Sots. obesp. 23 no. 5 12-15 My '62.

Questions and answers. Sots. obesp. 23 no. 4:59-60 Ap '62.

Reader and consultation. Sots. obesp. 23 no. 5 58-60 My '62.

Regulations of the commission on pensions. Okh. truda i sots. strakh. 5 no. 3 6-7 Mr '62.

While they correspond. S. Aleksandrov. Sots. obesp. 23 no. 4 32-33 Ap '62.

PENSTOCKS

Designing the inside surface finish of penstocks in an anisotropic elastic medium. V. S. Eristov. Gidr. stroi. 32 no. 4:30-33 Ap '62.

Photometric method of measuring excavations in rock. V. L. Kuperman, G. A. Khukhlaev. Gidr. stroi. 32 no. 1:48-49 Ap '62.

PENTAERYTHRITOL

Cyclic arsenic-containing derivatives of pentaerythritol. G. Kamai, N. A. Chadaeva. Zhur. ob. khim. 32 no. 1 1130-1136 Ap '62.

Thermocatalyzed transformation of pentaerythritol on an aluminosilicate catalyst. A. F. Dobrianskii, G. V. Markina. Zhur. ob. khim. 32 no. 4 1307-1310 Ap '62.

PENTANEDIAMINE

Effect of isoveline on the conditioned reflex activity of white rats [with summary in English]. V. V. Nevelichuk. Farm. i toks. 25 no. 1 16-19 Ja-F '62.

PENZA PROVINCE—PINE

Productivity of young pine stands in relation to the methods of their establishment. V. F. Lebkov. Trudy Inst. lesa i drev. 50:21-12 '61.

PENZA PROVINCE—STOCK AND STOCKBREEDING

Use of biogenic stimulants on the fattening farms of Penza Province. N. I. Kozulev. Veterinariia 37 no. 12 16-17 D '60.

PENZA PROVINCE—SWINE

One centner of pork in 40 minutes. I. Sokolov. Khoz. sel'khoz. 33 no. 2 48-51 F '62.

PENZHINA BAY—PALMS, FOSSIL

A palm leaf from Tertiary sediments of Penzhina Bay. A. F. Efimova. Paleont. zhur. no. 4:170-171 '61.

PENZHINA DISTRICT—SPINEL GROUP

Chromium spinellids of Penzhina District. A. F. Mikhailov. Trudy VSEGEI 60:153-158 '61.

PEPPER

Vegetative hybridization of the Guinea pepper. Noboru Yugishite. Agrobiologiia no. 2:219-227 Mr-Ap '62.

PEPTIC ULCER
(see also subdivision under Vietnam, North)

Analysis of the causes of undiagnosed peptic ulcer of the stomach and duodenum [with summary in English]. V. A. Samsonov. Klin. med. no. 2:26-31 '62.

Chronic peptic ulcer of the duodenal bulb in an adolescent, complicated by penetration into the large intestine. V. M. Roginets. Vest. rent. i rad. 37 no. 2:62-63 Mr-Ap '62.

Electrical potential of the stomach in children with peptic ulcer. V. IA. Radionenko. Ped., akush. i gin. 23 no. 6 16-18 '61.

Perforating ulcer of the stomach and duodenum. N. S. Androsov, F. IU. Pisarenko, L. P. Balandin. Vest. khir. no. 4:15-19 '62.

Perforating ulcers of the stomach and duodenum in elderly and senile subjects. IU. M. Orlenko. Vest. khir. no. 4 12-15 '62.

Secretion of unopepsinogen during the treatment of peptic ulcer [with summary in English]. S. M. Martynov, G. D. Simbirtseva. Klin. med. no. 2:31-35 '62.

Treatment of gastric and duodenal ulcer in night sanatoria. IA. M. Grinberg, I. M. Smirnov, N. P. Chenova. Sov. med. 25 no. 1:123-125 Ja '62.

X-ray morphological parallels in the study of some functional signs of peptic ulcer [with summary in English]. N. U. Shniger, V. E. Shul'ts. Vest. rent. i rad. 37 no. 2: 16-23 Mr-Ap '62.

PEPTIDES

Cancerolytic peptides having specific action. L. L. Kruminnts and others. Zhur. VKHO 7 no. 2:238 '62.

PEPTONES

Bioelectrical activity of some subcortical formations during stimulation by a peptone from the interoceptors of the intestines. T. A. Nazarova. Trudy Semipal. med. inst. 2:53-66 '59.

Course of peptone shock in radiation sickness. L. I. Krivenko. Pat. fiziol. i eksp. terap. 5 no. 6:62-63 N-D '61.

PERCEPTION

Characteristics of visualization in school children of various ages during the process of modeling [with summary in English]. E. N. Sokolova. Vop. psikhol. 8 no. 1:81-88 Ja-F '62.

Perception and memorization of speech during natural sleep. A. M. Svindoshch. Vop. psikhol. 8 no. 1 65-80 Ja-F '62.

Some traces of the generalization of images in sensory perception. A. M. Korshunov. Nauch. dokl. vys. shkoly, filos. nauki 5 no. 2 83-90 '62.

PERCEPTION—TESTING

The method of testing stimulus [with summary in English]. E. N. Sokolov, M. B. Mikhalevskaia. Vop. psikhol. 8 no. 1 26-36 Ja-F '62.

PERCEPTRONS

Problem concerning the recognition of images in complex representations. V. S. Fain. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no. 2 162-163 Mr-Ap '62.

PERCH see subdivision under Zaysan, Lake

PERCOLATION

Percolation of a two-liquid mixture. A. K. Kurbanov, A. Kh. Fatkullin. PMTF no. 1 160-162 Ja-F '62.

Study of the percolation properties of porous concrete. R. M. Vagabov. Izv. AN Azerb. SSR. Ser. fiz.-mat. i tekh. nauk no. 1:89-95 '62.

PERESTIANI, IVAN NIKOLAEVICH, 1870-

Perestiani, I. N. [Seventy-five years of my life given to art] 75 let zhizni v iskusstve. Moskva, Gos. izd-vo "Iskusstvo," 1962. 345 p. illus.

PERFUSION PUMP (HEART)

Modification of the artificial blood circulation apparatus of the Crafoord-Senning system. V. I. Shumakov. Grud. khir. no. 2:89-92 '62.

PERICARDITIS

Diagnosis of traumatic reticulitis and traumatic pericarditis. P. I. Ushakov, N. I. Shcherbinin. Veterinariia 37 no. 8 60-62 Ag '60.

PERICARDIUM—ABNORMITIES AND DEFORMITIES

Congenital absence of the pericardium in combination with a bronchogenic cyst of the left lung. A. A. Voronov, S. G. Gavrilov. Grud. khir. no. 2:78-79 '62.

PERIMETRY

Quantitative darkground perimetry in the diagnosis of neuritis of the optic nerve [with summary in English]. V. V. Permiakova. Oft. zhur. 16 no. 8,460-464 '61.

PERINEUM—RUPTURE

Microflora in the perineal wounds of puerperae in dehiscence of the sutures [with summary in English]. E. M. Solntseva. Antibiotiki 7 no. 5 473-475 My '62.

PERINEUM—SURGERY

Secondary sutures in dehiscence of a perineal wound in puerperae [with summary in English]. E. M. Solntseva. Sov. med. 25 no. 1:85-88 Ja '62.

PERIODIC LAW

Determination of thermodynamic constants of substances on the basis of their order number in D. I. Mendeleev's Periodic System. N. G. Klochnikov. Uch. zap. MGPI no. 146 228-233 '60.

PERIODICALS see subdivision under South Africa, Republic of

PERIODICITY

Daily changes in the mitotic activity in mice [with summary in English]. N. V. Krasil'nikova. Biul. eksp. biol. i med. 53 no. 4:100-104 Ap '62.

Seasonal nature of psoriasis. G. S. Zel'din. Vest. derm. i ven. no. 4, 32-36 '62.

Vitamin B_{12} level in the blood serum of normal subjects and its seasonal variations. V. V. Timofeeva. Probl. gemat. i perel. krovi no. 4:43-45 '62.

PERITONEUM—TRANSPLANTATION

Primary plastic surgery of traumatic defects of the dura mater using heterogenous preserved peritoneum. L. N. IAkunina. Zdravookhranenie 5 no. 1:58-59 Ja-F '62.

PERITONEUM—TUBERCULOSIS

Treatment of tuberculous peritonitis with streptomycin. A. S. Idrisov. Trudy Semipal. med. inst. 2 174-179 '59.

PERITONITIS

Case history of fecal peritonitis in syringomyelia. TS. M. Geller. Klin. med. no. 2:138-139 '62.

Case of peritonitis as a consequence of hemophilia following herniotomy with simultaneous appendectomy. A. G. Voronin. Pediatriia no. 4:86-87 '62.

Case of phlegmonous calculous cholecystitis complicated by choleperitoneum in 40-week pregnancy. IU. M. Ditman. Khirurgiia 37 no. 7:132-133 Jl '61.

Chronic choleperitoneum following an undiagnosed liver rupture caused by blunt injury of the abdomen. V. A. Redin, E. A. Fedorov. Khirurgiia 37 no. 7:133-134 Jl '61.

Operative treatment of pelvic suppurative encysted peritonitis with the presence of suppurative follicular tumors of the adnexa uteri. O. A. Kalashnikova. Sbor. nauch. rab. Kaf. akush. i gin. GMI no. 2:104-107 '60.

Prevention of peritonitis in surgery on the large intestine [with summary in English]. I. L. Bregadze, G. I. Veronskii. Vop. onk. 8 no. 4:27-30 '62.

040080 O - 62 - 14

PERITONITIS (Continued)
Reactivity of the cardiovascular system in experimental noninfectious peritonitis Report No 3 State of the sympathoadrenal system [with summary in English] P. P. Gusach Biul eksp biol i med 3[1 e 53] no 3 27-29 Mr '62

PERLIN, IL'IA L'VOVICH
Professor, doctor of technology I. L. Perlin has been awarded the title of "Honored Worker in Science and Technology of the R.S F.S.R " TSvet.met. 35 no. 3 78 Mr '62.

PERLITE (MINERAL) see subdivision under Armenia

PERM—PENSIONS
Volunteers E. Sorokina, A. Slobozhaninova Sots. obesp 33 no. 4-28 Ap '62

PERM GOVERNMENT—RUSSIAN SOCIAL DEMOCRATIC PARTY
Bykova, L. P. [Origins of the Perm Committee of the RSDRP (b)] Vozniknovenie Permskoi organizatsii RSDRP (b). Perm', Permskoe knizhnoe izd-vo, 1961. 141 p
(MH)

PERM PROVINCE—COLLECTIVE FARMS—FINANCE
Masalkin, N. K., and B. I. Suslov. [Indivisible funds of collective farms] Nedelimye fondy kolkhozov. Perm', Permskoe knizhnoe izd-vo, 1960. 17 p. (Slushateliam kolkhoznykh ekonomicheskikh shkol)

PERM PROVINCE—PART-TIME FARMING
At the pre-May watch. A. Nekrasov Sots. obesp. 23 no 4:44-45 Ap '62.

PERM PROVINCE—POTASH INDUSTRY
Our "arsenal of fertility." Part zhizn' no 9 37-40 My '62.

PERMAFROST see Frozen ground

PERMEABILITY
Motion of a two-phase liquid under conditions of elastic permeability V. N. Nikolaevskii PMTF no 1, 131-136 Ja-F '62.
Study of the permeability of the wall of a normal and an artificial urinary bladder in dogs using radioactive isotopes [with summary in English]. P. IA. Annikov, N. A. Fedorov. Urologiia no. 5:50-54 '61.

PERMEABILITY—CONGRESSES
Symposium on the problem of permeability and biopotentials. S. A. Krolenko, N. N. Nikol'skii. TSitologiia 4 no. 1 98-99 Ja-F '62.

PERMITTIVITY see Dielectric constants

PERNICIOUS ANEMIA
Case of Addison - Biermer anemia with a positive Coombs test. A. A. Krylov, I. A. Shevchenko Klin. med. no. 6:125-127 '61.

PEROXIDASE
Effect of different forms and doses of irradiation on the catalase and peroxidase activity of rabbit blood. M. A. Darakhvelidze. Soob. AN Gruz. SSR 28 no. 1:33-38 Ja '62.

PEROXIDES
Degradation and linking of polypropylene under the action of peroxides [with summary in English]. R. Rado, D. Shimunkova, L. Malikov. Vysokom. soed. 4 no. 2, 304-311 F '62.

PEROXIDES—CONGRESSES
Second Conference on the Chemistry of Peroxide Compounds K. E. Mironov Zhur neorg khim 7 no. 4: 951-953 Ap '62.

PERSIA see Iran

PETROLEUM—PIPELINES
Assembly operations on the Gorkiy-Ryazan petroleum pipeline in the fall and winter period E. M. Klimovskii Stroi. truboprov. 6 no. 11 17-19 N '61.

PETROLEUM—REFINING
Aliev, V. S., N. B Al'tman, and B. G. Ter-Sarkisov. [Research in the field of catalytic and thermal-contact refining of the heavy fraction of crude] Issledovaniia v oblasti kataliticheskoi i termokontaktnoi pererabotki tiazhelogo neftianogo syr'ia. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1961. 282 p.

PETROLEUM—STORAGE see subdivision under Bashkiria

PETROLEUM AS FUEL
Sulelmanova, F. G., and I. I. El'ovich. [Working properties of fuels and lubricating oils for modern internal combustion engines] Eksploatatsionnye svoistva topliv i smazochnykh masel dlia sovremennykh dvigatelei vnutrennego sgoraniia. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1961 150 p.

PETROLEUM CHEMICALS
(see also subdivision under Ukraine, Western)
Keller, A. A., and P. F. Sukhomlinov. [Petroleum and chemistry] Neft' i khimiia. Moskva, Gostoptekhizdat, 1962. 78 p.

PETROLEUM ENGINEERING
Hydraulics of the motion of sand its use in petroleum engineering A. F. Kasimov. Izv. AN Azerb. SSR. Ser. fiz.-mat. i tekh. nauk no. 6:119-135 '61.
Temperature distribution and conditions for the stability of combustion in the heating of an oil-bearing stratum. M. A Bagirov and others. Izv. AN Azerb SSR. Ser. fiz.-mat i tekh nauk. no. 1 77-87 '62.
Working of gas and oil fields until depletion M. T. Abasov, A M Kuliev. Izv AN Azerb SSR. Ser. fiz.-mat. i tekh nauk no. 1 131-145 '62.

PETROLEUM ENGINEERING—STUDY AND TEACHING
Our contacts with industry. R. O. Karapetian. Vest vys shkoly 20 no 4 77-79 Ap '62

PETROLEUM GEOLOGY
(see also subdivision under Azerbaijan; Bashkiria; Caucasus, Northern; Dnieper-Donets Lowland; Emba region; Khanty-Mansi National Area; Kinel'-Cherkassy District, Krasnoyarsk Territory; Kuybyshev Province; Mangyshlak Peninsula, Melekes Depression; Moscow Basin, Saratov Province; Tatar A.S.S.R.; Terek-Sulak Lowland, Ukraine; Uvat region, Volgograd Province)
Analytical solution of the problem of the displacement of petroleum by water with formation of a water-oil mixture in a thin inclined layer and constant pressure drop. V. P. Pilatovskii PMTF no 1, 143-152 Ja-F '62.
Concerning N. P. Budnikov and others' article "Present status of methods for rating oil and gas test wells in the U. S. S. R. and means for improving them." B. Shornikov. Geol. nefti i gaza 6 no. 3, 63-3 of cover Mr '62.
Flow into a horizontal drain and an imperfect well situated in a bandlike anisotropic stratum Calculation of maximum waterfree yields IU I. Stkhanin, A P. Telkov. PMTF no 1, 157-159 Ja-F '62
Geological reserves of oil and gas and methods of evaluating them. M. A. Zhdanov. Geol. nefti i gaza 6 no. 3:55-61 Mr '62.
Methods for appraising the predicted oil and gas reserves. G. P. Ovanesov, A. D. Nadezhkin. Geol. nefti i gaza 6 no. 4:44-46 Ap '62.
Rating geological reserves of oil and gas. G. A. Kochek. Geol. nefti i gaza 6 no. 3:61-63 Mr '62.
Results of prospecting for oil and gas in the R. S. F. S. R., 1961. B. A. Tkhostov Geol. nefti i gaza 6 no. 3:1-6 Mr '62

Fongauz, M. I. [Hygiene of work in the petroleum industry] Gigiena truda v neftianoi promyshlennosti. 2 izd., pererab. i dop. Moskva, Medgiz, 1962. 160 p. (Biblioteka sanitarnogo vracha)
(DNLM)

PETROLEUM INDUSTRY—PRODUCTION STANDARDS
Petrochenko, P. F., I. Sh. Ioffe, and V. A. Kurashev. [Manual for the establishment of norms] Spravochnik normirovshchika. Pod obshchei red. P. F. Petrochenko. Moskva, Gostoptekhizdat, 1962. 321 p.

PETROLEUM PRODUCTS
Ketonization of petroleum hydrocarbons A. N. Nifazov Izv. AN Turk SSR Ser fiz.-tekh., khim i geol nauk no 2 120-123 '62

PETROLEUM PRODUCTS—STORAGE
"Design and construction of steel tanks for petroleum products" by M. K Safin [et al.]. O. M. Ivantsov. Reviewed by I. N. Lessig. Stroi. truboprov 6 no 11 31 N '61.

PETROLEUM REFINERIES
Devices for the automation of petroleum refineries. I. B. Vainberg, Sh. L. Sokolin Mekh i avtom proizv. 16 no. 3 37-40 Mr '62.

PETROLOGY see subdivision under Dnieper Valley; Gissar Range; Kopet-Dag region; Pamirs; Zeravshan Range

PETROV, EVGENII PETROVICH, 1903-1942
Three books on Ilf and Petrov. Reviewed by I. IAnovskaia Novyi mir 38 no 1:256-260 Ja '62

PETROV, GEORGII MIKHAILOVICH, 1901-1962
G. M Petrov; obituary. Nar. Azii i Afr. no 2 250-250 '62

PETROZAVODSK—BOARDING SCHOOLS
Children absorb ideas of the party. A. Matveeva Shkolnt. no. 2:12-14 Mr-Ap '62

PHAGOCYTOSIS
Development of the phagocytic apparatus of the wall of the appendix of rabbits in ontogenesis [with summary in English]. S. M. Sobolev Arkh anat., gist. i embr. 42 no. 1:78-83 Ja '62.
Electrophoresis of protein fractions of the blood serum, phagocytosis and tuberculin allergy in tuberculous meningitis in children. IU. S. Ivanovskii. Probl. tub. no. 3, 104-111 '62.
"Pathophysiology of phagocytosis (Short essay on the history and present status of the theory of phagocytosis)" by A. D. Ado. Reviewed by I. N. Maiskii. Pat. fiziol. i eksp. terap. 5 no. 6:87-88 N-D '61

PHARMACEUTICAL RESEARCH
Some results of and trends in scientific research in the field of pharmacy. Apt. delo 11 no. 1:3-11 Ja-F '62.

PHARMACEUTICAL SOCIETIES
(see also subdivision under Lithuania)
Scientific work in the All-Union Scientific Pharmaceutical Society. IU. A. Blagovidova. Apt. delo 11 no. 1:11-15 Ja-F '62.

PHARMACISTS
Certification. Z. B. Kravtsova. Apt. delo 11 no. 1 60 Ja-F '62.

PHARMACOGNOSY
Pharmacognostic study of crude skullcap scutellaria baicalensis Georgi. L. A. Khmykina. Apt. delo 11 no. 1:27-30 Ja-F '62.
Study of culture of some species of the genus Eryngium. Report No. 1 [with summary in English]. Kh. Kh. Khalmatov, V. N. Luchanskaia. Apt. delo 11 no. 1:31-34 Ja-F '62.

PHARMACOLOGY
Neuropharmacology of insects. B. Tashmukhamedov. Dokl. AN SSSR 143 no. 6:1466-1469 Ap '62.
"Pharmacology" by V. V. Zakusov. Reviewed by A. Panashchenko and E. Panashchenko. Farm. i toks. 25 no. 1:123-125 Ja-F '62.
Problems in pharmacological protection from radiation injuries. S. IA. Arbuzov. Vest. AMN SSSR 17 no. 3:53-74 '62.
Use of the least squares method for test analysis of lethality curves [with summary in English]. V. B. Prozorovskii. Farm. i toks. 25 no. 1, 115-120 Ja-F '62.

PHARMACOLOGY—BIBLIOGRAPHY see Bibliography—Pharmacology

PHARMACOLOGY—CONGRESSES
Brief news. IU. S. Kagan, L. I. Tank. Farm. i toks. 25 no. 1:126-127 Ja-F '62.

PHARMACY
(see also subdivision under Armenia; Great Britain)
"Pharmaceutical manual. Part I. Elements of pharmaceutical technology [in Rumanian]" by N. Stanciu, P. Ionescu-Stoian and E. Savopol. Reviewed by E. M. Sheinbaum. Apt. delo 11 no. 1:38-39 Ja-F '62.

PHARMACY (Continued)

Study of the effect of various grades of rubber on liquid medicinal preparations. Part I. Experimental data on the preparation of rubber formulas and study of their effect on distilled water [with summary in English]. V.A. Martynova, A.G. Linkshenkov, G.K. Mel'nikova. Apt.delo 11 no.1,18-26 Ja-F '62.

PHARMACY—ABSTRACTS

Abstracts. Apt.delo 11 no.1:82-83 Ja-F '62.

PHARMACY—BIBLIOGRAPHY see Bibliography—Pharmacy

PHARMACY—CONGRESSES

First [Odessa] Province Scientific and Practical Conference. I.N. Dobrynl. Apt.delo 11 no.1,69 Ja-F '62

Pharmacy in the Polish People's Republic. R.I. Aliev, M.A. Blagovidova. Apt.delo 11 no.1 71-75 Ja-F '62.

PHARMACY—DICTIONARIES

Chernlavskii, M.N., N.B. Kliachko, and B.B. Khodorkovskaia. [Educational Latin-Russian and Russian-Latin dictionary of pharmaceutical terms] Uchebnyi latinsko-russkii i russko-latinskii slovari farmatsevticheskikh terminov, dlia studentov-zaochnikov farmatsevticheskogo fakul'teta. Red., predisl. i vvedenie M.N. Charntavskogo. Moskva, Pervyi MOLMI im. I.M. Sechenova, 1961. 50 p.

[MICROFILM]

PHARMACY—EQUIPMENT AND SUPPLIES

Mechanization of some technical processes in pharmacy. P. Ionescu-Stoian and others. Apt.delo 11 no.1 75-79 Ja-F '62.

PHARMACY—PERIODICALS

Principal Soviet and foreign pharmaceutical journals. P.L. Senov, B.A. Zaitsev, F.N. Alikhonen. Apt.delo 11 no.1:83-87 Ja-F '62.

Survey of "Farmatsevtichnil zhurnal" for 1960. I.R. Gnilka, I.R.M. Pinlachko, N.M. Turkevich. Apt.delo 11 no.1:90-91 Ja-F '62.

PHASE RULE AND EQUILIBRIUM

Constitutional diagrams as a basis for the theory of the heat-resistance of alloys. V.K. Grigorovich. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no.2,92-97 Mr-Ap '62.

Effect of phase constitution on the cavitation resistance of bronze. I.N. Bogachev, R.I. Mints, T.M. Petukhova. Metalloved. i term. obr. met. no.4 28-31 Ap '62

Equilibrium liquid - gas at high pressures in the nitrogen - carbon dioxide system. I.R. Krichevskii and others. Khim. prom. no.3:166-171 Mr '62.

Equilibrium liquid - vapor of diluted solutions. IA.D. Zel'venskii, V.A. Shalygin, A.A. Titov. Khim. i tekh. topl. i masel 7 no.4:5-11 Ap '62.

Liquid - vapor equilibrium in the system ethylene glycol-water. S.K. Ogorodnikov, V.B. Kogan, A.I. Morozova. Zhur. prikl. khim. 35 no.3:665-667 Mr '62.

New data on the phase diagram of the system barium oxide - silica. R.G. Grebenshchikov, N.A. Toropov. Izv. AN SSSR. Otd. khim. nauk no.4 545-553 Ap '62.

Study of the equilibrium $ClO_3^- + Cl^- + 2H^+ \rightleftarrows ClO_2 + 0.5Cl_2 + H_2O$ at various temperatures. I.F. Filin, K.P. Mishchenko, K.IU. Salnia. Zhur. prikl. khim. 35 no.3: 667-669 Mr '62.

PHENACETIN

New medicinal preparations. Sov. med. 26 no.1:4 of cover Ja '62.

PHENOLS

Determination of phenols in water by means of pyramidon. V.T. Koplin, N.G. Feuenko. Zav. lab. 28 no.3:287-288 '62

Effect of sanitation and sinestrol on inducting cancer of the uterus in rats with 9, 10-dimethyl-1, 2-benzanthracene [with summary in English]. I.I. Charkviani. Vop. onk. 8 no.3:82-86 '62

Formation of nitrophenols in the oxidation of cyclohexanol by nitric acid. G.I. Kostylev, I.IA. Lublanitskii. Zhur. ob. khim. 32 no.4:1355-1356 Ap '62.

Possible methods for the condensation of tung-oil cake with phenol and phenolic alcohols in the presence of different catalysts. I.M. Gverdtsiteli, Kh.N. Fidler. Soob. AN Gruz. SSR 26 no.1:25-32 Ja '62.

Products of cleavage of phenol acids of wood-tar pitch by sodium in liquid ammonia. A. Kisilitsyn, D. Tishchenko. Zhur. prikl. khim. 35 no.3:648-650 Mr '62.

Protistocide properties of phenol derivatives. M.N. Kolmistrov and others. Mikrobiol. zhur. 23 no.4: 28-31 '61.

Reaction of the uterus and ovaries to prolonged use of synestrol. M.D. Podil'chak. Ped., akush. i gin. 23 no.3:42-45 '61.

PHENOLS—TOXICOLOGY

Comparative toxicity of some stabilizers used for increasing heat and light resistance of polymer materials [with summary in English]. A.IA. Brotman. Gig. truda i prof. zab. 6 no.3:20-26 Mr '62.

Vitiligo-like dermatoses in workers in a phenol-formaldehyde resin works [with summary in English]. N.N. Chumakov, G.P. Babanov, A.G. Smirnov. Vest. derm. i ven. no.4:3-8 '62.

PHENOTHIAZINE

Forensic chemical determination of phenothiazine derivatives, survey of the literature. A.A. Novikova. Apt. delo 11 no.1 61-64 Ja-F '62.

Relationship between ataractic and other types of central action of some phenothiazine derivatives [with summary in English]. B.I. Lubimov, K.S. Raevskii. Farm. i toks. 25 no.1,21-27 Ja-F '62. 34-27

PHENOXAZINE

Phenoxazone series. Part 6. Synthesis of some 10-substituted derivatives of phenoxazine. V.G. Samolovova, T.V. Gottinskaia, M.N. Shchukina. Zhur. ob. khim. 32 no.4:1085-1088 Ap '62

PHENYL ETHER—PHYSIOLOGICAL EFFECT

Materials for substantiating the maximum permissible concentration of diphyl in the air [with summary in English]. G.I. Solomin. Gig. i san. 26 no.5 3-8 My '61

PHENYLENEDIAMINE

New reaction of o-phenylenediamines with violuric acid. V.M. Berezovskii, G.D. Glebova. Dokl. AN SSSR 143 no.6:1311-1311 Ap '62

PHILIPPINES—CULTURE

Renaissance of Philippine culture. S. Elin. Vop. lit. 6 no.4 137-139 Ap '62.

PHILOLOGY

General assembly of the Department of Literature and Languages of the Academy of Sciences of the U.S.S.R. Izv. AN SSSR. Otd. lit. i iaz. 20 no.4 351-356 Jl-Ag '61.

Work to be carried out by the Philological Faculty in the light of the resolutions of the 22d Congress of the CPSU. B.S. Bugrov. Vest. Mosk. un. Ser. 7. Filol., zhur. 17 no.2 77-84 Mr-Ap '62

PHILOLOGY—BIBLIOGRAPHY see Bibliography—Philology

PHILOSOPHY

Critical evaluation of bourgeois philosophy. Wolfgang Eichhorn. Vop. filos. 16 no.4,154-165 '62.

Sidorov, M.I. [V.I. Lenin and the history of Russian materialistic philosophy] V.I. Lenin i voprosy istorii russkoi materialisticheskoi filosofii. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1962. 404 p.

Sociopolitical significance of A.I. Hertzen's philosophical studies [with summary in English, p.184]. P.IA. Mirodunichenko. Vop. filos. 16 no.1,56-60 '62.

PHILOSOPHY—BIBLIOGRAPHY see Bibliography—Philosophy

PHILOSOPHY—PERIODICALS

A conference of the editors of philosophical periodicals, published in socialist countries. Vop. filos. 16 no.4: 127-128 '62.

PHILOSOPHY, GERMAN—PERIODICALS

"Deutsche Zeitschrift fuer Philosophie," A German periodical. Vop. filos. 16 no.4:191-192 '62.

PHILOSOPHY, RENAISSANCE

Sokolov, V.V. [Studies on Renaissance philosophy] Ocherki filosofii epokhi Vozrozhdeniia. Moskva, Gos. izd-vo "Vysshaia shkola," 1962. 167 p.

PHILOSOPHY OF LAW see Law—Philosophy

PHILOSOPHY OF MEDICINE see Medicine—Philosophy

PHIMOSIS

Late results of the operative treatment of phimosis by Gasinskii's method. Jerzy Czopik. Urologia no.2: 60-61 '62

PHLEBITIS

Our experience with the surgical treatment of thrombophlebitis of the lower extremities. A.I. Vasilevskii. Nov. khir. arkh. no.3:15-20 '62.

Surgical treatment of acute thrombophlebitis. K.M. Kovtunovich. Nov. khir. arkh. no.3:23-26 '62.

Treatment of puerperal thrombophlebitis with anticoagulants. A.D. Ianieva. Ped., akush. i gin. 23 no.3:40-50 '61.

Use of crystalline trypsin in the treatment of thrombophlebitis. K.N. Voromeenko, M.P. Zver'kova, N.P. Morozova. Nov. khir. arkh. no.3:20-22 '62.

PHLEGMON

Case of multiple perforation of the stomach as a result of phlegmon in a newborn infant. N.S. Gerasimenko. Nov. khir. arkh. no.3:91 '62.

PHONOCARDIOGRAPHY see Heart—sounds

PHONOGRAPHS—TESTING

Distortions caused by the tone arm of the sound pickup and ways to reduce them. L.P. Apollonova, N.D. Shumova. Trudy VNAIZ no.5:34-49 '59.

Force of reaction of the sound pickup stylus and the groove and methods of its measurement. IU.A. Voznesenskii. Trudy VNAIZ no.5:50-60 '59.

PHONORECORDS

Demand for Soviet records in growing. V. Arkhipov. Vnesh. torg. 42 no.4:27-28 '62.

Development of the scientific justification of formulas for plastic materials of phonorecords. P.I. Reglich. Trudy VNAIZ no.5:116-135 '59.

Manufacture of the first original disk(stamper) from a recording disk. B.IA. Kaznachei, N.N. Balashova. Trudy VNAIZ no.5:97-109 '59.

Observations on the phonorecord error "displacement of grooves." B.IA. Kaznachei and others. Trudy VNAIZ no.5:110-115 '59.

Review of the approved formulas of plastic materials for phonorecords. I.G. Bogacheva, L.G. Kotliarevskaia. Trudy VNAIZ no.5:136-147 '59.

These records are being sold. Sov. muz. 26 no.4 143 Ap '62

PHOSGENE

Use of the IIR-1 interferometer for determining hydrochloric acid content of phosgene. IU.A. Strepikheev, G.S. Kaletnikov, IU.I. Baranov. Zav. lab. 28 no.3 314-315 '62

PHOSPHATASE

Alkaline phosphatase activity in granulocytes of irradiated rats. IU.M. Zaretskaia. Tsitologiia 4 no.1 76-79 Ja-F '62.

Alkaline phosphatase in the blood of patients with A_2 viral influenza. I.K. Musabaev, D.M. Guseva. Med. zhur. Uzb. no.2:9-11 F '62.

Alkaline phosphatase in the placenta of white rats with experimental inflammation [with summary in English] T.B. IAtsenko. Arkh. anat., gist. i embr. 42 no.1:60-64 Ja '62.

Effect of some factors on the phosphatase activity of Bac. megatherium. N.M. Maltseva. Mikrobiol. zhur. 23 no.6:11-18 '61.

Excretion of the enzymes enterokinase and alkaline phosphatase with the feces in chronic enteritis and enterocolitis. K.B. Bakhadyrov. Med. zhur. Uzb. no.2 59-62 F '62

Histochemical study of phosphatase and polysaccharides in the human chorion. M.IU. Shapovalov, A.I. Brusylovskyi. Ped., akush. i gin. 23 no.3:54-56 '61

Localization of acid phosphatase in the nerve elements of the sympathetic ganglia [with summary in English] A.G. Gretem. Arkh. anat., gist. i embr. 40 no.5 47-52 My '61

PHOSPHATE COATING

Investigating the phosphates of certain organic bases for use as corrosion inhibitors. F.G. Zak, S.D. Beskov. Uch. zap. MGPI no.146 25-40 '60

PHOSPHATE COATING—TESTING

Investigating the stability of phosphate films on AMts, AMg, and D-16 aluminum alloys in benzine and water-benzine media at normal temperature and during its modification. L.S. Krapivkina. Uch. zap. MGPI no.146 202-205 '60

PHOSPHATES

Analysis of industrial superphosphate with the aid of ion exchangers. I.G. Lakomkin. Trudy LTI no.48:155-160 '58.

Effectiveness of phosphate meal from different deposits. N.V. Bahenko. Vest. sel'khoz. nauki 7 no.1,58-60 Ja '62.

Petrosian, V.P. [Electric properties of phosphate glasses] Elektricheskie svoistva fosfatnykh stekol. Erevan, Armianskoe gos-izd-vo, 1961. 137 p.

Phosphates of certain amines as inhibitors of steel-20 corrosion in water. S.A. Balezin, G.V. Kleshcheva. Uch. zap. MGPI no.146,92-101 '60

PHOSPHINIC ACID

Addition of dialkylphosphorous acids to esters of butadienyl- and isopropenylphosphinic acids. N.P. Kolobova, K.N. Anisimov. Izv. AN SSSR. Otd. khim. nauk no.4,726-727 Ap '62.

Esterification of phosphorus and phenylphosphinic acids. K.A. Petrov and others. Zhur. ob. khim. 32 no.4 1277-1279 Ap '62

Polymerization of di-β,β'-chloroethyl ester of vinylphosphinic acid. V.A. Orlov, O.G. Tarakanov. Plast. massy no.4:6-8 '62.

PHOSPHONIC ACID

Infrared spectroscopy method for determining tri-n-butyl phosphate and diisoamyl ester of methylphosphonic acid in solutions of n-paraffinic hydrocarbons and dearomatized kerosine [with summary in English] IU.A. Pentin, E.G. Teterin, N.N. Shesterikov. Zhur. anal. khim. 17 no.2:239-244 Mr-Ap '62

Vashkov, V.I., and E.V. Shnaider. [Chlorophos (diplorex); insecticidal properties and uses] Khlorofos; insektitsidnye svoistva i primenenie. Moskva, Medgiz, 1962. 101 p.

PHOSPHORIC ACID

Composition of phosphoric acid salts. Report No.1. I.G. Lakomkin. Trudy LTI no.48:143-154 '58.

Photocolorimetric method of analyzing phosphocol and armin [with summary in English]. A.F. Fursov. Apt. delo 11 no.1:46-49 Ja-F '62.

Physicochemical properties of diimorophosphoric acid. A.S. Lenskii, A.D. Shaposhnikova, A.S. Alliueva. Zhur. prikl. khim. 35 no.4:760-766 Ap '62.

PHOSPHORITES see subdivision under Gornaya Shoriya, Kara-Tau; Siberian Platform

PHOSPHOROUS ACID

Addition of dialkylphosphorous acids to esters of butinedienyl- and isopentynylphosphinic acids. N. F. Kolobova, K. N. Anisimov. Izv. AN SSSR. Otd. khim. nauk. no. 4. 726-727. Ap '62.

Esterification of phosphorous and phenylphosphinic acids. K. A. Petrov and others. Zhur. ob. khim. 32. no. 4. 1277-1279. Ap '62.

PHOSPHORS

Discussion of V. L. Levshin's report. B. M. Orlov, B. M. Nosenko. Izv. AN SSSR. Ser. fiz. 26. no. 4. 458-459. Ap '62.

Storage and transfer of excitation energy in crystal phosphors. V. L. Levshin. Izv. AN SSSR. Ser. fiz. 26. no. 4. 450-456. Ap '62.

Studying phosphors by the method of electronic paramagnetic resonance. V. V. Antonov-Romanovskiy. Izv. AN SSSR. Ser. fiz. 26. no. 4. 460-462. Ap '62.

PHOSPHORS—ELECTRIC PROPERTIES

Characteristics of luminescence under the action of an electric field. M. V. Fok. Izv. AN SSSR. Ser. fiz. 26. no. 4. 463-467. Ap '62.

Excitation of electroluminophors by voltage pulses. A. M. Bonch-Bruevich. Izv. AN SSSR. Ser. fiz. 26. no. 4. 468-474. Ap '62.

PHOSPHORUS

(see also subdivision under Gissar Range)

Diffusion of phosphorus in silicon. B. I. Boltaks, N. N. Matveeva. Fiz. tver. tela. 4. no. 3. 609-614. '62.

PHOSPHORUS—ANALYSIS

Decomposition of organic substances by metallic potassium. Report No. 2. New method of determining phosphorus. M. N. Chumachenko, V. P. Burlaka. Izv. AN SSSR. Otd. khim. nauk. no. 1. 560-565. Ap '62.

Methods for the quantitative determination of silicon, phosphorus, and boron in boron-containing and phosphorus-containing organosilicon compounds. A. P. Kreshkov, D. A. Karataev, V. Fiurst. Plast. massy. no. 3. 63-65. '62.

PHOSPHORUS—ISOTOPES

Effect of the phosphorus supply of plants on the distribution characteristics of P^{32}. V. F. Moiseichenko. Visnyk sil'skosp. nauky. 5. no. 3. 91-92. Mr '62.

PHOSPHORUS ACID

Phosphorus-containing polymers. Part 3: Using the Arbuzov reaction for the polymerization of ethylene-alkylphosphites [with summary in English]. K. A. Petrov and others. Vysokom. soed. 4. no. 2. 246-249. F '62.

PHOSPHORUS BACTERIA see Bacteria, Phosphorus

PHOSPHORUS CHLORIDES

Reaction of diarylidisulfonyl imides with phosphorus pentachloride. E. S. Levchenko, N. IA. Derkach, A. V. Kirsanov. Zhur. ob. khim. 32. no. 4. 1212-1218. Ap '62.

PHOSPHORUS-GERMANIUM-ALUMINUM ALLOYS see Germanium-aluminum-phosphorus alloys

PHOSPHORUS ORGANIC COMPOUNDS

Copolymerization of unsaturated organophosphorus compounds. D. Sh. Korotkina, V. V. Vinogradova, G. G. Karelina. Kauch. i rez. 21. no. 4. 1-3. Ap '62.

Phosphorus-containing organosilicon compounds. M. A. Galashina and others. Plast. massy. no. 4. 16-19. '62.

Trisoxyphosphazoacyls. Part 2. G. I. Derkach and others. Zhur. ob. khim. 32. no. 4. 1201-1207. Ap '62.

PHOSPHORUS ORGANIC COMPOUNDS—CONGRESSES

Konferentsiia po khimii i primeneniiu fosfororganicheskikh soedinenii, 2d, Kazan, 1959. [Chemistry and uses of organophosphorus compounds, papers presented at the Second Conference] Khimiia i primenenie fosfororganicheskikh soedinenii, trudy. Moskva, Izd-vo Akad. nauk SSSR, 1962. 630 p.

PHOSPHORUS-SILICON-ALUMINUM ALLOYS see Silicon-aluminum-phosphorus alloys

PHOSPHORYLATION

Oxidative phosphorylation and conversions of pyruvic acid in brain mitochondria of normal and irradiated animals. R. I. Skvortsova. Radiobiologiia. 2. no. 2. 189-193. '62.

Oxidative phosphorylation in rat liver homogenates following a brief fasting [with summary in English]. G. S. Kitavin, Shen' Ven'-mei [Shên Wen-mei]. Vop. med. khim. 8. no. 2. 210-213. Mr-Ap '62.

PHOTOELASTICITY

Use of ultrarapid motion-pictures with the photoelastic method to study pressures arising in a rock massif during blasting. F. A. Belaenko, IU. V. Gack, M. F. Drukovanyi. Izv. vys. ucheb. zav., gor. zhur. no. 3. 45-48. '61.

Using the photoelastic method to study the rock of a mine roof in the stressed state in supporting it with rod bolting. E. A. Zimina. Izv. vys. ucheb. zav., gor. zhur. no. 3. 19-24. '61.

PHOTOELECTRIC CELLS

Device for the vigilant. V. Mezentsev. Starshina-serzh. no. 2. 34-35. F '62.

Through electronic glasses. V. Shcherbakov. Znan. sila. 37. no. 4. 22-23. Ap '62.

PHOTOELECTRIC MEASUREMENTS

Frequency method for determining the rigidity of elastic parts. IU. G. Latin. Metod. isp. det. i mat. mash. i prib. no. 1. 66-69. '61.

Litvak, V. I. [Photoelectric devices and regulators used in machine manufacture] Fotoelektricheskie pribory i regulatory v mashinostroenii. Moskva, Mashgiz, 1962. 120 p.

Photoelectric method for determining the rate of flow of underground waters toward separate wells. V. D. Kovalenko. Geol. zhur. 22. no. 2. 109-111. '62.

PHOTOELECTRIC MULTIPLIERS

Use of a type FEU-12 photoelectric multiplier in a scintillation spectrometer and for the purposes of gamma-radioscopy. O. D. Kovrigin, G. D. Latyshev. Trudy Inst. fiz. AN Kazakh. SSR. 5. 102-106. '62.

PHOTOELECTRICITY

Photoelectric effect in electroluminescent zinc sulfide phosphors. F. F. Vergunas, K. Sh. Fnikeeva. Izv. AN SSSR. Ser. fiz. 26. no. 4. 475-479. Ap '62.

Photoelectric properties of mercury-activated layers of cadmium telluride. A. D. Shneider, I. S. Zhmurko. Fiz. tver. tela. 4. no. 3. 606-607. '62.

Recombination fluctuations of photocurrent in illuminated p - n-junctions. D. N. Mirlin, IU. S. Karpov. Fiz. tver. tela. 4. no. 3. 700-704. '62.

PHOTOGRAMMETRY

Kuderskii, I. G. [Instructions on safety measures in the performance of photogrammetric and photographic laboratory work] Pamiatka po tekhnike bezopasnosti pri vypolnenii fotolaboratornykh i fotogrammetricheskikh rabot. Moskva, Izd-vo geodez. lit-ry, 1961. 55 p.

PHOTOGRAPH COLLECTIONS

"Motion-picture, photographic, and sound recording archives, a textbook" by A. A. Kuzin. Reviewed by B. N. Bogatov, I. S. Fesunenko. Vop. arkh. 7. no. 1. 117-119. Ja-Mr '62.

PHOTOGRAPHERS

Amateurs visit masters of photography. L. Dubil'. Sov. foto. 22. no. 4. 27-28. Ap '62.

PHOTOGRAPHIC COMPOSITION see Composition (Photography)

PHOTOGRAPHIC EMULSIONS

Effect of cadmium cation on fine-grained emulsions. V. V. Vasil'ev, M. I. Rudenko. Zhur. VKHO. 7. no. 2. 220-220. '62.

PHOTOGRAPHIC INTERPRETATION

Microphotometric characteristics of the representation of tree species on air photos. N. G. Khurin, D. A. IAmutsh. Trudy Inst. lesa. 1 drev. 50. 175-181. '61.

PHOTOGRAPHY

Discussing the work of amateur photographer. V. Panov, S. Fridliand. Sov. foto. 22. no. 4. 30-32. Ap '62.

Kuderskii, I. G. [Instructions on safety measures in the performance of photogrammetric and photographic laboratory work] Pamiatka po tekhnike bezopasnosti pri vypolnenii fotolaboratornykh i fotogrammetricheskikh rabot. Moskva, Izd-vo geodez. lit-ry, 1961. 55 p.

Meeting of amateur photographers in Leningrad. R. Vail'. Sov. foto. 22. no. 4. 44. Ap '62.

News from everywhere. Sov. foto. 22. no. 4. 45-46. Ap '62.

Sharpness and blurry in photography. A. Vedenov. Sov. foto. 22. no. 4. 34-36. Ap '62.

Solovei, I. M. [The young amateur photographer] IUnyi fotolIubytel', Kyiv, Derzh. uchbovo-pedagog. vyd-vo "Radians'ka shkola," 1961. 253 p.

Vladimir people present an account of their creative activities. N. Granovskii. Sov. foto. 22. no. 4. 20. Ap '62.

PHOTOGRAPHY—COMPETITIONS

"For the Socialist Photography," results of the International Photography Contest. M. Bugaeva. Sov. foto. 22. no. 4. 5, 17. Ap '62.

PHOTOGRAPHY—ELECTRONIC EQUIPMENT

Shashin, IU. V. [Electronics in photography] Elektronika v fotografii. Moskva, Gos. energ. izd-vo, 1961. 79 p. (Massovaia radiobiblioteka, no. 424)

[MICROFILM]

PHOTOGRAPHY—EQUIPMENT AND SUPPLIES

[Photographic and motion-picture equipment and optical instruments] Ref. zhur. Otd. vyp. 46: Foto-kinoapp. i opt. prib. nos. 6-8. Mr-Ap '62.

PHOTOGRAPHY—EXHIBITIONS

Exhibition of the work of P. V. Klepikov. Sov. foto. 22. no. 4. 48. Ap '62.

For the "Seven-year plan in action" Exhibition. Sov. foto. 22. no. 4. 6-12. Ap '62.

PHOTOGRAPHY—STUDY AND TEACHING

More about photography education. V. Laurent'ev. Sov. foto. 22. no. 1. 29. Ap '62.

PHOTOGRAPHY, AERIAL

Review of foreign work in forest aerial photographic surveying for 1959. N. G. Khurin. Trudy Inst. lesa. 1 drev. 50. 182-184. '61.

PHOTOGRAPHY, FLASHLIGHT

Synchronization of flashlights. S. Khokhlov. Sov. foto. 22. no. 1. 33. Ap '62.

PHOTOGRAPHY, JOURNALISTIC

(see also subdivision under Ehrivan)

On the approaches of a great subject. S. Savel'ev. Sov. foto. 22. no. 1. 13-16. Ap '62.

The village theme in the art of Arkadii Shishkin. IU. Prigozhin. Sov. foto. 22. no. 1. 18-21. Ap '62.

PHOTOGRAPHY, JOURNALISTIC—EXHIBITIONS

John Hartfield started it, international exhibition of photomontage and drawings in Berlin. A. Zil'bershtein. Sov. pech. no. 2. 60. F '62.

PHOTOGRAPHY, MILITARY

Syrov, A. A. [Ground photography] Nazemnoe fotografirovanie. Izd. 2. Moskva, Voen. izd-vo M-va vooruzhen. sil SSSR, 1949. 366 p.

PHOTOGRAPHY, PARTICLE TRACK

Analysis of P-nucleon interactions generated at an energy of $E = 10^{10}$ ev in a nuclear photoemulsion. E. G. Boos and others. Trudy Inst. fiz. AN Kazakh. SSR. 5. 16-32. '62.

Nuclear interactions of secondary nuclear-active particles in a photoemulsion. G. Tleubergenova, P. Merkozova. Trudy Inst. fiz. AN Kazakh. SSR. 5. 83-87. '62.

PHOTOMAGNETIC EFFECT

Recombination properties of gold in n-germanium. I. V. Karpova, V. G. Alekseeva, S. G. Kalashnikov. Fiz. tver. tela. 4. no. 3. 631-641. '62.

PHOTOMETRY

Determination of nickel in steels by differential photometry. V. F. Barkovskii, I. N. Vtorygina. Zav. lab. 28. no. 3. 275-276. '62.

Flame photometric analysis [with summary in English]. D. N. Ivanov. Pochvovedenie. no. 1. 62-70. Ap '62.

New photometric devices for agrochemical analysis [with summaries in English, German, and French]. M. L. Tsap. Vest. sel'khoz. nauki. 7. no. 2. 129-135. F '62.

Photometric method for determining furfurole in aqueous and chlorobenzene solutions [with summary in English]. T. I. Tikhonova, I. IA. Gertsberg, P. V. Zubritskii. Zhur. anal. khim. 17. no. 2. 245-247. Mr-Ap '62.

PHOTOMETRY, ASTRONOMICAL

Meteor photometry [with summary in English]. I. V. Sandakova. Issl. ionosf. i met. no. 6. 72-71. '62.

PHOTONUCLEAR REACTIONS

Determining the fluorescence yield by measuring the extrinsic X-ray photoeffect on a massive cathode [with summary in English]. M. A. Rumsh, V. N. Shelaputina. Zhur. eksp. i teor. fiz. 42. no. 3. 727-735. Mr '62.

Photoeffect on light nuclei [with summary in English]. A. N. Gorbunov and others. Zhur. eksp. i teor. fiz. 42. no. 3. 747-757. Mr '62.

PHOTOSYNTHESIS—BIBLIOGRAPHY see Bibliography—Photosynthesis

PHTHALOCYANINE—ELECTRIC PROPERTIES

Effect of the crystalline structure on the optical photoelectric properties of metal-free phthalocyanine. V. S. Mylinkov, E. K. Putseiko. Fiz. tver. tela. 4. no. 4. 772-779. '62.

PHTHALOCYANINE—OPTICAL PROPERTIES

Effect of the crystalline structure on the optical photoelectric properties of metal-free phthalocyanine. V. S. Mylinkov, E. K. Putseiko. Fiz. tver. tela. 4. no. 3. 772-779. '62.

PHTHIVAZIDE

Importance of determining the bacteriostatically active concentration of phthivazide in the blood for chemotherapy of tuberculosis [with summary in French]. N. M. Rudol. Probl. tub. no. 3. 79-86. '62.

Use of a new antituberculosis preparation—thiamide (1314 Th)—in combination with streptomycin or phthivazide [with summary in English]. M. A. Breger. Biul. eksp. biol. i med. 53. no. 4. 75-78. Ap '62.

PHTHIVAZIDE—TOXICOLOGY

Disorders in the composition of the peripheral blood developing as a result of the therapeutic use of phthivazide. V. D. Gol'dshtein. Probl. gemat. i perel. krovi. no. 4. 29-32. '62.

PHYSICAL EDUCATION AND TRAINING

(see also subdivision under India; United States)

Conference on the theory of physical education. G. D. Kharabuga, N. I. Ponomarev. Teor. i prak. fiz. kul't. 25. no. 2. 78-79. F '62.

Contests are a great incentive in physical culture. K.S. Zaitsev. Teor. i prak. fiz. kul't 25 no. 2:13-17 F '62.

Electromyelographic method for determining the degree of permissible physical training for athletes. G.M. Kukolevskii. Teor. i prak. fiz. kul't 25 no. 4,67-71 Mr '62.

Evaluation of certain changes in the physiological conditions of athletes in connection with the work process and sports training. Kh. Kh. Khalilova. Gig. truda i prof. zab. 6 no. 5:16-19 Ap '62.

Extend the use of advanced methods in the Soviet system of athletic training. Teor. i prak. fiz. kul't. 25 no. 4, 1-5 Mr '62.

First Plenum of the Methodological Council for Physical Education. B.V. Lovskiy. Teor. i prak. fiz. kul't 25 no. 3:78-79 Mr '62.

Great physical exertion in the training system for athletes in the higher age groups. A.B. Gandel'man. Teor. i prak. fiz. kul't 25 no. 1:48-51 Ja '62.

Guarding the peace. Teor. i prak. fiz. kul't. 25 no. 2: 1-6 F '62.

Influence of the length of rest periods on the training effect resulting from repeated muscular exercise. N.I. Volkov. Teor. i prak. fiz. kul't. 25 no. 2:32-35 F '62.

Lenin's party is the leading and directing force of the Soviet physical culture movement. Teor. i prak. fiz. kul't. 25 no. 4:1-5 Ap '62.

Medical-pedagogical supervision and cooperation of the doctor, trainer and athlete in training and competition. S.P. Letunov. Teor. i prak. fiz. kul't. 25 no. 1:28-34 Ap '62.

Participation of physical culture organizations in the All-Union campaign of the Communist Youth League and Young Pioneers along the course of the 7 year plan. P.S. Makhova. Teor. i prak. fiz. kul't. 25 no. 1:72 Mr '62.

Pedagogical principles of regular physical exercise classes for middle aged and elderly persons. A.V. Belyaeva. Teor. i prak. fiz. kul't. 25 no. 4,29-32 Mr '62.

"Physical culture for the aged" by I.M. Iablonovskii. Reviewed by V.R. Nikolaev. Zdorov'e 8 no. 3:28 Mr '62.

Physical culture vanquishes old age. N.V. Marchenkova. Zdorov'e 8 no. 3:3 p. '62.

Physical education of school children should be the constant concern of the whole teaching staff. M.I. Ivanitskii. Teor. i prak. fiz. kul't. 25 no. 1:10-13 Ap '62.

Raising physical culture and sports publicity to the level of goals set by the 22d Congress of the CPSU. K.A. Kulikovich. Teor. i prak. fiz. kul't. 25 no. 3:10-23 Mr '62.

Rules of general to specialized procedures in the training of athletes (physiological basis). A.V. Korobkov. Teor. i prak. fiz. kul't. 25 no. 4,21-28 Ap '62.

Russian translation of the work of the Leningrad Leshaft Institute of Physical Culture in the light of the law "On the strengthening of the bonds between school and society and the further development of the system of public education in the U.S.S.R." Teor. i prak. fiz. kul't. 25 no. 4,71-75 Ap '62.

Second plenary session of the Committee on Physical Education and Sports for Students in Institutions of Higher Learning. P.S. Makhova. Teor. i prak. fiz. kul't. 25 no. 4,73-74 Mr '62.

Sequence in the formation of pedagogical practices and skill. A.I. Gevorkov. Teor. i prak. fiz. kul't. 25 no. 2,33-43 F '62.

The coach's results. V.P. Rykova. Teor. i prak. fiz. kul't. 25 no. 3,76-78 Ap '62.

Zhirov, K.P. [Volitional training of athletes] Volevaia podgotovka sportsmenov. Moskva, Voen. izd-vo M-va obor. SSSR, 1962. 97 p.

PHYSICAL EDUCATION FACILITIES

Erection of sports structures in rural areas. A.P. Galli. Teor. i prak. fiz. kul't. 25 no. 3:51-54 Mr '62.

Prospects for the erection of sports structures. N.M. Berezkov. Teor. i prak. fiz. kul't. 25 no. 3:7-13 F '62.

PHYSICAL EDUCATION FOR CHILDREN

Bykova, A.I. [Teaching basic movements to preschool children] Obuchenie detei doshkol'nogo vozrasta osnovnym dvizheniiam, ponoble dlia vospitatelei detskikh sadov. Izd. 3. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 151 p.

For a uniform physical education program for school children. V.G. Alkhasov. Teor. i prak. fiz. kul't. 25 no. 1:59-61 Ap '62.

Gymnastics for the youngest. A. Korkhan. Belarus' 10 no. 8:10 Ap '62.

[Akovlev, V.G. [Be a sports organizer] Bud' fizkul'turnym organizatorom. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1961. 95 p. (V pomoshch' pioneru instruktoru)

Sorochok, R.G. [Gymnastics for children; from one to three years of age] Gimnastika dlia malen'kikh; ot odnogo goda do trekh let. Moskva, In-t sanitarnogo prosv. M-va zdravookhraneniia SSSR, 1961. 62 p.

PHYSICAL EDUCATION FOR WOMEN
(see also subdivision under Azerbaijan)

The Soviet woman and physical education. Z.G. Romanova. Teor. i prak. fiz. kul't 25 no. 3:6-11 Mr '62.

PHYSICAL FITNESS—TESTING

Effectiveness of using test exercises in developing the physical fitness of gymnasts. A.B. Plotkin. Teor. i prak. fiz. kul't 25 no. 3:36-40 Mr '62.

PHYSICAL GEOGRAPHY see subdivision under Krasnoyarsk Territory

PHYSICAL INSTRUMENTS

Apparatus for demonstration of changes in the size of magnetic fields. I. Rallsyn. Prof.-tekh. obr. 19 no. 3:23-24 Mr '62.

PHYSICAL METALLURGY

Methods of spectrographic analysis of ferrous metals and their use for the study of physical metallurgy. I.P. Nikiforova. Trudy TsNII MPS no. 227:49-61 '62.

PHYSICAL METALLURGY—CONGRESSES

Conference on metals and their heat treatment. F.N. Tavadze, P.K. Kovalikov. Metalloved. i term. obr. met. no. 1:61-62 Ap '62.

PHYSICAL OPTICS see Optics, Physical

PHYSICAL THERAPY

"National handbook on physical therapy [in German]." Reviewed by A.A. Mikhailov. Sov. med. 25 no. 1:158 Ja '62.

PHYSICALLY HANDICAPPED—REHABILITATION

Contribution of scientists to industry. Sots. obesp. 21 no. 5,30-10 My '62.

Disability evaluation and its legal significance. M. Filantev. Sots. obesp. 23 no. 5:33-35 My '62.

Disease will be conquered. P. Ershov. Sots. obesp. 23 no. 5:1 My '62.

Entire 100 per cent. I. Zhirnova. Sots. obesp. 23 no. 5 28-29 My '62.

PHYSICIANS

Physician and the patient. B.S. Shklar. Klin. med. no. 2,141-145 '62.

PHYSICS

"Collected scientific papers" [in English] by P. Ehrenfest. Reviewed by U. Frankfurt. Vop. ist. est. i tekh. no. 12 218-210 '62.

[Akovlev, K.P., ed. [Concise physical and technological handbook] Kratkii fiziko-tekhnicheskii spravochnik. Moskva, Gos. izd-vo fiziko-matem. lit-ry.
Vol. 3. [Heat engineering, electrical engineering, radio engineering, and electronics] Teplotekhnika, elektrotekhnika, radiotekhnika i elektronika. 1962. 680 p.

Kol'man, Ernest. [Lenin and modern physics] Lenin i noveishaia fizika. 2. izd. Moskva, Gos. izd-vo polit. lit-ry, 1961. 156 p.

M.V. Lomonosov's ideas on physics. P.S. Kudriavtsev. Vop. ist. est. i tekh. no. 12:101-107 '62.

"Selected works on physics" by S.A. Boguslavskii; book review. Vop. ist. est. i tekh. no. 12 219-220 '62.

Umarov, S.U., and M.V. Mosstepanenko. [Lenin and the development of modern physics] Lenin i razvitie novieishei fiziki. Stalinabad, Tadzhikgosizdat, 1960. 249 p.
(NNC)

PHYSICS—ABSTRACTS

[Physics] Ref. zhur.: Fiz. nos. 1-5 Ap-My '62.

PHYSICS—BIBLIOGRAPHY see Bibliography—Physics

PHYSICS—EXPERIMENTS

Lecture demonstrations in a physics course. A.F. Kononkov. Vest. vys. shkoly 20 no. 4:86-87 Ap '62.

PHYSICS—JUVENILE LITERATURE

"Inevitability of a strange world" by D. Danin. Reviewed by T. Nemchuk. Novyi mir 38 no. 1:262-264 Ja '62.

PHYSICS—STUDY AND TEACHING

How to study the theme "Optical instruments." M. Kuzel. Nar. obr. no. 3 56-60 Mr '62.

Work on strengthening the connection between physics and industry. V.A. Donkin. Shkola i proizv. 6 no. 4, 59-62 Ap '62.

PHYSICS, NUCLEAR see Nuclear physics

PHYSIOLOGICAL APPARATUS

Portable apparatus for recording certain physiological human functions under natural conditions of work and sports. A.V. Dokvadze. Teor. i prak. fiz. kul't. 25 no. 2:70-77 F '62.

PHYSIOLOGICAL OXIDATION see Oxidation, Physiological

PHYSIOLOGY

Kavetskii, R.E., and others. [Body reactivity and the type of nervous system] Reaktivnost' organizma i tip nervnoi sistemy. Kiev, Izd-vo Akad. nauk USSR, 1961. 326 p.

PHYSIOLOGY, EXPERIMENTAL—EQUIPMENT AND SUPPLIES

Electronic stimulator for excitation with paired square impulses. S.A. Evdokimov, A.E. Fedorova. Fiziol. zhur. 48 no. 3:300-302 Mr '62.

Method for the graphic registration of salivary excretion in swine. A.I. Arkhipovets. Fiziol. zhur. 18 no. 3, 365-367 My '62.

PHYSIOLOGY, PATHOLOGICAL

"Biochemical investigations in the psychiatric clinic, methodological directions" by M.A. Chalisov, L.I. Lando. Reviewed by A.V. Sigrist. Vop. med. khim. 8 no. 2: 221-222 Mr-Ap '62.

Problems in pathological physiology during the period of the large-scale building of communism in our country. Pat. fiziol. i eksp. terap. 5 no. 6:3-4 N-D '61.

PHYSIOLOGY, PATHOLOGICAL—BIBLIOGRAPHY see Bibliography—Physiology, Pathological

PHYSOSTIGMINE—TOXICOLOGY

Use of the least squares method for test analysis of lethality curves [with summary in English]. V.B. Prozorovskii. Farm. i toks. 25 no. 1:115-120 Ja-F '62.

PHYTOGEOGRAPHY

Alekhin, V.V., L.V. Kudriashov, and V.S. Govorukhin. [Plant geography and the principles of botany] Geografiia rastenii s osnovami botaniki. Izd. 2. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 531 p.

PHYTONCIDES

Use of garlic phytoncides in stomatology. A.O. Zosin. Mikrobiol. zhur. 23 no. 6:53-54 '61.

PHYTOPATHOGENIC BACTERIA see Bacteria, Phytopathogenic

PHYTOPLANKTON
(see also subdivision under Black Sea; Kronotskiy Gulf; Kuril Islands region)

Nauchnoe soveshchanie po izucheniiu pervichnoi produktsii vodoemov, Minsk, 1960. [Primary production in seas and inland waters; reports] Pervichnaia produktsiia morei i vnutrennikh vod; [doklady]. Minsk, Izd-vo M-va vysshego, srednego spetsial'nogo i professional'nogo obrazovaniia BSSR, 1961. 407 p.

PIANO MUSIC

Rudol't, L. [Exercises in piano harmony] Uprazhneniia po garmonii za fortepiano. Baku, Azerbaidzhanskoe gos. muzykal'noe izd-vo, 1961. 50 p.

PICRIC ACID

Polarographic determination of picric acid in the presence of nitrophenols, nitrobenzenes, and nitrocyclohexane. Analysis of the products of cyclohexane nitration [with summary in English]. I.A. Turkian, P.M. Zaitsev. Zhur. anal. khim. 17 no. 2:231-234 Mr-Ap '62.

PIEZOELECTRICITY

Ferroelectric single crystals with large piezomoduli. A.I. Khodakov, M.L. Sholokhovich. Kristallografiia 7 no. 2,320 Mr-Ap '62.

PIEZOMETER

Design of piezometers and elimination of shortcomings in their work. Kh. Iakubov. Vop. gidr. no. 3:77-83 '61.

PIGEONS—DISEASES AND PESTS

Result of studying pigeons (C. livia) for ornithosis in Moscow and vicinity [with summary in English]. Chzhou Kuen' [Chou K'ün]. Zhur. mikrobiol., epid. i immun. 33 no. 3:115-117 Mr '62.

PIGMENTS
(see also subdivision under Altai Territory)

Dependence of the properties of coatings based on pentaphthalic binders on the volume concentration of pigments. S.V. Iakubovich, V.A. Zubchuk, O.G. Kurbatova. Lakokras. mat. i ikh prim. no. 1:12-16 '62.

Rapid method for determining the water soluble salt content of pigments. M.A. Shteyn, L.P. Zavarina. Lakokras. mat. i ikh prim. no. 1:61-62 '62.

PILES (DISEASE) see Hemorrhoids

PILOTS AND PILOTAGE

Use of various rules for ship pilotage in ice. I. Sinain. Mor. flot 22 no. 4:14-15 Ap '62.

PINACOL

Two directions in the vapor phase catalytic dehydration of pinacol. L.Kh. Freidlin, V.Z. Sharf. Izv. AN SSSR. Otd. khim. nauk no. 4 698-701 Ap '62.

PINE
(see also subdivision under Amur Valley; Moscow Province; Penza Province; Rostov Province; Sovetskiy District, Krasnoyarsk Territory; Tambov Province; Yakutia)

Dynamics of the chlorophyll content of needles and the oil content of seeds in the Scotch pine of various geographical origin. L.F. Pravdin, K.G. Shcherbina. Trudy Inst. lesa i drev. 50:90-98 '61.

Exchange acidity and the effect of the age of pine plantations on its variation in turf-Podzolic soils. I.K. Blinstaov. Izv. vys. ucheb. zav., les. zhur. 4 no. 6:39-41 '61.

Experiments in growing pine from graded seeds. P.I. Volchal'. Izv. vys. ucheb. zav., les. zhur. 4 no. 6:27-30 '61.

PINE (Continued)
Special features of the evaluation of pine after tapping. F P Moiseenko, V I. Zernov Les. khoz. 15 no 4 16-20 Ap '62.

PINE—DISEASES AND PESTS
Determining the pest resistance of pine in areas where red heart rot is prevalent D I Zdrazilovskii, P A Polozhentsev. Nauch. rab VLTI 21 53-61 '60
Some characteristics of the spreading of white spongy rot in pine plantations. S. F Negrutskii. Izv.vys.uchеb. zav., les. zhur. 1 no.6;35-38 '61.

PINEGA REGION (ARCHANGEL PROVINCE)—CAVES
New data on the gypsum cavern in the vicinity of Pinega A G. Ghikishev, V M Andreev. Inform sbor Mezhd. kom po izuch. geol. geogr. kar no 1 198-202 '60

PINENE
Polychloropinene emulsion for the protection of animals against bloodsucking insects. K. P. Andreev, I A Zakamyridin Veterinariia 37 no 8,79-83 Ag '60

PIONEERS (COMMUNIST YOUTH)
(see also subdivision under Czechoslovakia, Kiev; Krasnodar, Moldovia, Moscow; Odessa, Ukraine; White Russia)
Aligning with the party and the Communist Youth League. Inostr. jaz v shkole no.2-3-7 Mr-Ap '62.
Children's sanatorium on the Black Sea S Shantyr. Rad shk. 41 no. 5 32-35 My '62
Competition in the detachment N. Filatova. Shkola-int no. 2:50-51 Mr-Ap '62
Contribution to the Pioneer two-year plan Nach shkola 30 no 5 95 My '62
Fortieth anniversary of the Soviet Pioneers Nach shkola 30 no 5 12-16 My '62
Fortieth anniversary of the Soviet Pioneers V. A. Taborko Prep ist v shkole 17 no. 3:20-26 My-Je '62
[The "Friend of the Seven-Year Plan" Pioneer Group] Zahin-suputnyk semyrichky. Kyiv, Vyd-vo TsK LKSMU "Molod'," 1961. 52 p.
Glorious anniversary of our joyful youth O. Korpukhina. Votov uteist no 5 14-15 My '62.
Here they are masters. L. Koridalina Semʹia i shkola 17 no.4 9-10 Ap '62.
Let the camp fires of Pioneer initiative glow brighter. V. Mozzhukhin Shkola-int no 2,47-49 Mr-Ap '62
On the occasion of the 40th anniversary of Pioneer movement. B S Kobzarʹ. Sov pedag 26 no 4 56-60 Ap '62.
Our presents for our holiday IUn nat. no. 3;7-11 Mr '62
"Parents and the Pioneer organization" by N. I. Monakhov; "To parents on Pioneer ranks" by V G. Alkovlev. Reviewed by D. Latyshina Semʹia i shkola 17 no. 4, 15-16 Ap '62.
Pioneer photochronicle. Nach. shkola 30 no. 5 56-59 My '62.
Revolutionary, labor and military traditions are a powerful means of communist education Prep ist v shkole 17 no. 3:100-104 My-Je '62
Rural Pioneers A I. Gusev Nach. shkola 30 no. 5 61-71 My '62.
She was a Pioneer. L. I. Sosnovik Nach. shkola 30 no. 5.71-73 My '62.
Two-year plan of the juniors is nearing its end. V. Vladimirov. shkola-int. no. 2;45-46 Mr-Ap '62.
[We salute the Pioneers!] Pionerii - salutǐ Moskva, 63 p. (Biblioteka "Komsomol'-

PIPE, PLASTIC
Akademiia stroitel'stva i arkhitektury SSSR. Institut sanitarnoi tekhniki. [Basic recommendations of the use of pressure pipes made of low-density polyethylene (high pressure)] Osnovnye rekomendatsii po primeneniiu napornykh trub iz polietilena nizkoi plotnosti (vysokogo davleniia). Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 63 p.
Centrifugal casting of plastic pipes abroad. A. M Skliarskii Plast. massy no 5 72-74 '62
Delivery conduits made of thermoplastics. Estimation of strength M, N. Bokshitskii, D, F. Kagan, I. IA. Klinov Plast massy no. 3 38-44 '62.
Effectiveness of the use of plastic drainage pipes V. Shreider Ekon. sel'khoz 33 no. 2 80-84 F '62
Effectiveness of the use of plastic pipes. E. Vilenskii, S Dubrovkin, A. Bystrov. Ekon. stroi. no 3,22-28 Mr '62

PIPE, STEEL see subdivision under United States

PIPE, STEEL—STANDARDS
Electrically welded steel pipes with a spiral seam. Standartizatsiia 26 no.4:46-49 Ap '62.

PIPE FITTING
Efficient utilization of small resources. A. A Degtiarev, V A. Milashevskii. Strof. truboprov 6 no. 11 25 N '61

PIPE FITTING, MARINE see Marine pipe fitting

PIPE FITTINGS
Study of the bearing capacity of [] -shaped expansion pieces. A. G Kamershtein. Stroi. truboprov. 6 no. 11:3-5 N '61

PIPE-LAYING MACHINERY
Machine for laying drain pipes. V. Berdianskii, E. Kuperman, A. Mirsagatov. Tekh. v sel'khoz. 22 no.4:44-46 Ap '62.

PIPE MILLS
Rating the power of the motor of a piercing mill. S. D. Levintov, N. IA. Kravtsov. Vest. mash. 42 no.4:50-51 Ap '62.
Temperature and deformation distribution along the cross section of the blank during piercing T F Grishkovaia, A K. Samylin Biul TSIICHM no. 10, 38-41 '60.

PIPE MILLS—ACCOUNTING see subdivision under Makoyevka (Donetsk Province)

PIPE MILLS—EQUIPMENT AND SUPPLIES
Electropneumatic distributor designed by the *Lenin Plant* V. L. Ozol'. Biul. TSIICHM no. 9, 46-47 '60.
Method of manufacturing pipe angles. R. I Tavastshern, V M. Orlov. Biul TSIICHM no. 9:53 '60
Points for pipe presses V. M. Rozhkov and others. Biul. TSIICHM no 9 52 '60
Progressive practices in the mechanization and the automatic control of pipe mills V. L. Ozol' Biul TSIICHM no. 9, 16-25 '60
Split rod for wiping internal pipe surfaces. P. IA. Tokmakov, K. F. Krichalov. Biul. TSIICHM no. 10:45 '60.

PIPELINES
Basic calculations for suspended pipelines Kh. I. Popatsenko, Strol. truboprov. 6 no. 11:9-10 N '61.
Vibrations in overhead pipelines. V. V. Spiridonov. Strol. truboprov 6 no. 11:11-14 N '61.
Working conditions in handling radioactive substances during the construction of main pipelines and measures for improvement. V. A. Kistlenko, M. IA. Boiarintseva. Gig. truda i prof. zab. 4 no. 3:49-50 Mr '60.

[illegible]TS
[illegible]n] Ref. zhur. Otd. vyp. 45; Trub. [illegible]2.

[illegible]S AND STRUCTURES
[illegible] assembling the equipment of com- [illegible]ggested by A. A. Suntsov. Strol. [illegible].27 N '61.

MEASURES
[illegible] the field. A. A. Smirnov. Strol. [illegible]:26 N '61.

[illegible]ows on the bearing capacity of [illegible]n. N I. Anenkov Strol. truboprov.

[illegible]arties and toxicity of stereoisomers hydrochloride of 1, 2, 3, 6-tetra- I. I. Chebekova. Izv. AN Kazakh. [illegible]. no. 1.71-76 '61.

[illegible]'ANOVICH, 1810-1881
[illegible]n and the ideas of nervosism in [illegible]s T. D. Trofimenko. Trudy Inst. Kazakh. SSR no. 7:3-7 '61.

[illegible]GRAFOVICH, 1883-
[illegible]row. M. Popovskii. Kul't. i zhizn'

[illegible]osture for pistol shooting. M. A. [illegible]rak. fiz. kul't. 25 no. 4:41-44

PISTON RINGS—TESTING
Determining specific pressures of a piston ring by its wear. L. IU. Pruzhanskii Vest mash 42 no 2:26-28 F '62.

PISTONS
Transients in the acoustic fields of piston membranes of certain particular shapes. O. G. Kozina, G I Makarov. Akust zhur 8 no 1 67-71 '62.

PITIRIM, Metropolitan of Kruttsy and Kolomna, 1867-
Twenty years of an Archbishop's service. Zhur. Mosk. Patr. no.2;13-15 F '62.

PITUITARY BODY
Data on the histophysiology of the intermediate lobe of the hypophysis in connection with hypothalamic neurosecretion [with summary in English]. A. A. Voitkevich, E. I. Soboleva Biul. eksp. biol i med 3[i. e 53] no 3 96-102 Mr '62.
Neurosecretory component of the adaptation reaction. A. A. Voitkevich. Pat. fiziol. i eksp terap. 5 no 6: 73-80 N-D '61

PITUITARY BODY—DISEASES
Pathogenesis of infectious hemorrhagic nephrosonephritis in an experimental lesion of the hypothalamus-hypophysial region N A Levkova, G V Kestner. Arkh pat no. 4:13-18 '62.

PITUITARY EXTRACT
Comparative action of acrichine and quinine in combination with pituitrin on the contractive activity of the uterus during labor IU. A. Vinogradova Sbor. nauch. rab. Kaf akush. i gin GMI no. 1 80-82 '60
Course of the postpartum period of labor in connection with the prophylactic use of pituitrin. N. P. Mikhailova Sbor. nauch. rab. Kaf akush. i gin. GMI no. 2 60-64 '60

PLACENTA
Effect of the method of expulsion of the secundines and loss during labor and the course of the postpartum period. E. A IUdina. Sbor nauch. rab. Kaf. akush. i gin GMI no 1 87-90 '60
Macrostructure of the placenta in sheep P V Popov. Trudy AZVI 9:291-300 '56.
Operative method of placental separation in cows. V. I Rubtsov. Veterinariia 37 no. 12, 54-55 D '60.
Structure of the placenta in bison cows P. V Popov, IU. G. Kazaev Trudy AZVI 9 380-389 '56.

PLACENTA—ABNORMITIES AND DEFORMITIES
Cases of abnormal placenta in cows. P. V Popov Trudy AZVI 9,386-387 '56

PLACENTA—INFLAMMATION
Alkaline phosphatase in the placenta of white rats with experimental inflammation [with summary in English] T. B. IAtsenko Arkh. anat., gist. i embr 42 no 1 80 84 Ja '62.

PLACENTA—TRANSPLANTATION
Operation for creating an artificial vagina from placental membranes. S. S. Dobrotin. Sbor. nauch. rab. Kaf akush. i gin GMI no. 2, 116-117 '60.

PLACENTA EXTRACTS
Effect of placenta preparations on the fertility in rabbits. B V. Doroshkov. Visnyk sil'hosp. nauky 5 no. 3 117-119 Mr '62.

PLACENTA PREVIA see Labor, Complicated

PLAGUE
(see also subdivision under Caspian Sea region)
Comparative study of the effectiveness of gamma globulin obtained from the immunization of horses with virulent killed and avirulent plague cultures [with summary in English] L. E. Khundanov, E. D. Shkurko Biul. eksp biol i med. 3[i. e. 53] no. 3, 67-70 Mr '62
Effect of vitamins on the effectiveness of emergency prophylaxis; experimental data. G.N.Egorov. Vest. AMN SSSR 17 no. 3;28-37 '62.

PLAGUE—PREVENTIVE INOCULATION
Characteristics of epithelioid granulomas in vaccination with antiplague vaccines [with summary in English] L. N. Koturga. Arkh. pat. no. 4,19-24 '62.

PLANETARIA see subdivision under Nikopol'

PLANETS
Physical conditions on planets. M. P. Barabashov. Rad shk. 40 no. 4:83-89 Ap '62.

PLANETS, THEORY OF
Stationary boundaries of gravitational clusters I. S. Arzhanykh Izv. AN Uz. SSR, Ser. fiz.-mat. nauk 5 no. 1;5-10 '62.

PLANING HULLS
Aviator came to the shipbuilders. G. Smirnov. Starsh. serzh. no. 4;30 Ap '62.
Development in foreign countries of the construction of vessels with underwater wings [from foreign journals] Sudostroenie 28 no. 3;61-66 Mr '62.
Nonstationary forces on the carrying wings of high-speed ships in rough sea conditions. I. T. Egorov. Sudostroenie 28 no. 4, 13-14 Ap '62.
Ships for rapid transportation. A. Mndoian. Rech. transp. 21 no. 3;20-24 Mr '62.
Triple-keel planing ship. S. Dantlichev. Rech. transp 21 no. 3;52 Mr '62.

PLANKTON

Medicolegal significance of pseudoplankton for the diagnosis of drowning. L. P. Andrianov. Sud.-med. ekspert. 5 no. 1 20-25 Ja-Mr '62.

PLANT BREEDING

Berliand, S. S. [How varieties of cultivated plants are developed] Kak sozdaiutsia sorta kul'turnykh rastenii. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 62 p. (DA)

PLANT BREEDING—RESEARCH see subdivision under Odessa

PLANT CELLS AND TISSUES

Heat resistance of the epidermal cells of albino, green, and etiolated sunflower plants. L. D. Avilova. TSitologiia 4 no. 1:73-76 Ja-F '62.

Refractometric method for determining the concentration of cell sap in plants [with summary in English] E. A. IAblonskii. Trudy GNBS 32 101-105 '60

Use of media which operate to improve the microscopic image in the study of plant cells in vivo. V. IA. Aleksandrov TSitologiia 4 no. 1 84-88 Ja-F '62

PLANT COMMUNITIES see subdivision under Snov Valley

PLANT INTRODUCTION see subdivision under Crimea

PLANT LICE see subdivision under Tajikistan, Uzbekistan

PLANT PHYSIOLOGY

Quantum phenomena in the vital processes of plant organisms. D. M. Hrodzins'kyi. Ukr. bot. zhur. 19 no. 1 3-20 '62.

PLANT QUARANTINE

TSentral'naia laboratoriia po karantinu sel'skokhoziaistvennykh rastenii. [Methodological handbook for laboratory quarantine analysis of plants and soils] Methodicheskoe rukovodstvo po laboratornoi karantinnoi ekspertize rastitel'nykh materialov i pochvy. Moskva, Izd-vo M-va sel'. khoz. SSSR, 1960. 176 p. (DA)

PLANTAIN

Effect of the large plantain (Plantago major) on the course of experimental atherosclerosis in rabbits [with summary in English]. M. A. Angarskaia, V. E. Sokolova. Biul. eksp. biol. i med. 53 no. 4 50-53 Ap '62.

PLANTERS (AGRICULTURAL MACHINERY)

Machines for planting and harvesting sugar beets. A. E. Tkachenko. Mashinostroenie no. 2:93-98 Mr-Ap '62.

Mechanical device for replacing the check wire. A. Ivanchenko, E. Ivanchenko. Tekh. v sel'khoz. 22 no. 4:77-80 Ap '62.

Planting machinery. M. Chubarin. Tekh. v sel'khoz. 22 no. 4:53-54 Ap '62.

Release pole with adjustable brake resistance. V. Bakhmutov, N. Polikutin. Tekh. v sel'khoz. 22 no. 4:63-64 Ap '62.

The SKNB-4 planter. A. Chorniak, A. Dobyshev. Tekh. v sel'khoz. 22 no. 4:53-54 Ap '62.

PLANTING TIME

Sowing time and grain quality of spring wheat. N. P. Ivchenko Zemledelie 24 no. 4:31-33 Ap '62.

PLANTS—CHEMICAL ANALYSIS

Protein, fat, carbohydrate, and mineral content of some mass forms of plankton algae of the Black Sea grown in culture. L. A. Lanskaia, T. I. Pshenina. Trudy SBS 14 292-302 '61.

Vernalization and the geographical changes of chemical substances incorporated by plants. Hiromu Ohashi Agrobiologiia no. 2:268-272 Mr-Ap '62.

PLANTS—FERTILIZERS AND MANURES

Placement of organic-mineral fertilizers and root nutrition of plants [with summaries in English, German, and French]. I. N. Panteleev. Vest. sel'khoz. nauki 7 no. 1:51-57 Ja '62.

PLANTS—FROST RESISTANCE

Comparative winter hardiness of pear varieties of the Central Russian Upland. A. D. Danilov. Nauch. zap. VLTI 21,102-111 '60.

Selecting pairs in breeding winter wheat for winter hardiness by the method of hybridization. A. A Horlach. Visnyk sil'hosp. nauky 5 no. 3:20-23 Mr '62.

PLANTS—IRRITABILITY AND MOVEMENTS

Elodea dances. V. Seifer. Znan. sila 37 no. 3:32-34 Mr '62.

PLANTS—NUTRITION

Effect of the phosphorus supply of plants on the distribution characteristics of P^{32}. V. F. Moiseichenko. Visnyk sil'hosp. nauky 5 no. 3:91-92 Mr '62.

PLANTS—TRANSPIRATION

(see also subdivision under Syr Darya Valley)

Evaporation and transpiration from farmlands [with summaries in English, German, and French]. A. R. Konstantinov. Vest. sel'khoz. nauki 7 no. 2:136-142 F '62.

PLANTS—WATER REQUIREMENTS

Loss of soil moisture and moisture circulation in crop rotation [with summary in English] A. M. Bialyi Pochvovedenie no. 4:7-15 Ap '62.

PLANTS, CULTIVATED

Berliand, S. S. [How varieties of cultivated plants are developed] Kak sozdaiutsia sorta kul'turnykh rastenii. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 62 p. (DA)

PLANTS, EFFECT OF CHEMICALS ON

Effect of chemical growth-promoting substances on the formation of fruit and seeds in fig [with summary in English]. N. K Arendt Trudy GNBS 32:43-46 '60.

PLANTS, EFFECT OF ELECTRICITY ON

Tamed lightning. P Goncharenko IUn nat. no 4 8-9 Ap '62.

PLANTS, EFFECT OF LIGHT ON

Effect of the quality of light on the development of corn [with summaries in English, German, and French] M. F. Martynova. Vest. sel'khoz. nauki 7 no. 2:32-38 F '62.

Some aspects of the study on light physiology of plants [with summaries in English, German, and French]. I. A. Shul'gin, V. S Khazanov, T. B Rzhanova. Vest. sel'khoz. nauki 7 no. 1:34-40 Ja '62

PLANTS, EFFECT OF MANGANESE ON

Manganese migration and forms of accumulation in soils and plants of southeastern Polesye. K. I. Lukashev, N. N. Petukhova. Dokl. AN BSSR 6 no. 4:251-254 Ap '62.

PLANTS, EFFECT OF MINERALS ON

Content of mineral substances in a corn kernel. A. O Stafichuk, T. D Troianova. Visnyk sil'hosp. nauky 5 no. 3 26-30 Mr '62.

PLANTS, EFFECT OF RADIATION ON

Possible relationship between radioresistance and the phylogenetic system in cultivated plants. E. I. Preobrazhenskaia, N. V. Timofeev-Rosovskii. Dokl. AN SSSR 143 no. 5:1219-1221 Ap '62.

Studies on the effect of ionizing radiation on the accumulation of chlorophyll in corn leaves. L. A. Sevastianova. Trudy TSSBS no. 4:120-136 '60.

PLANTS, EFFECT OF STRONTIUM ON

Absorption of radiostrontium by barley plants from different soils of Armenia. V. L. Ananian. Dokl. AN Arm. SSR 34 no. 2:83-87 '62.

PLANTS, EFFECT OF SUCCINIC ACID ON

Succinic acid increases crop yields. N. A. Dr ozdov. Priroda 51 no. 4:117-118 Ap '62.

PLANTS, EFFECT OF TEMPERATURE ON

Effect of atmospheric temperature on the swelling and opening of leaf buds in English oak (Quercus robur L.) E. I. Fr'kova. Nauch. zap. VLTI 21:71-84 '60.

Effect of low and variable temperatures of slightly germinated seeds on the yield of millet. I. O. Kodyma'kyi Visnyk sil'hosp. nauky 5 no 3:31-33 Mr '62.

Freezing increases the force of germination in seeds [with summaries in English, German, and French]. E. IA Sumanov, IU. P. Laptev, IU. V. Klitkvina. Vest. sel'khoz. nauki 7 no. 1:68-70 Ja '62.

PLANTS, EFFECT OF TRACE ELEMENTS ON

Effect of trace elements on the growth and increase of productivity in corn in Novosibirsk Province. G. V. Delova. Trudy TSSBS no. 4:113-121 '60.

Effect of trace elements on the vitamin content in corn leaves. V. S. Fedorova, T. G. Demina. Trudy TSSBS no. 4:107-112 '60.

Means to improve the quality of seeds. S. M. Darmenko, N. D. Riabets. Shkola i proizv. 6 no. 3 60-62 Mr '62.

Microelements in plant breeding. K. A. Burkin. Shkola i proizv. 6 no. 3:57-59 Mr '62.

Treating seeds of Patrinia intermedia Roem et Schult. with trace elements before sowing. A. I. IAkubova, M. M. Kostromina. Trudy TSSBS no. 4:55-59 '60.

PLANTS, EFFECT OF ULTRASONIC WAVES ON

Effect of ultrasound on the development of melons. N. A. Ataulaev and others. Uzb. biol. zhur. 6 no. 2:25-29 '62.

PLANTS, EFFECT OF ULTRAVIOLET RAYS ON

Effect of additional ultraviolet radiation on the development of algae in soil. V. P. But. Uzb. biol. zhur. 6 no. 2:30-33 '62.

PLANTS, MOTION OF FLUIDS IN

Some results of studying the nutrition in fruit, berry, and vegetable plants in central Tajikistan by the method of tagged atoms. P. P. Chuvaev and others. Trudy Inst. sad. AN Tadzh. SSR 2:187-221 '60.

PLANTS, ORNAMENTAL see subdivision under Caucasus; Ukraine

PLANTS, SPACE ARRANGEMENT OF

Effect of various densities of planting on the Scotch pine A. M Pinchuk Trudy Inst. l 50 43-48 '61

PLANTS AS CARRIERS OF DISEASE

Diseases of men and animals caused by poll and shrubs N. V. Nikso-Nikochio Les k no 1 73-74 Ap '62

PLASMA (IONIZED GASES)

Electromagnetic waves in a plasma in the i cyclotron resonance L. S. Bogdankevich, khadze. Zhur. tekh. fiz 32 no 3, 322-32

Energy losses of charged particles in a pla summary in English] V N. TSytovich teor. fiz 12 no. 3 803-811 Mr '62

Experimental determination of the frequenc collisions in a dense plasma. A I. Anisim gradov. Zhur. tekh fiz 32 no. 3:308-31

Generation of magnetoacoustic waves in a p by a flow of charged particles. A. B Kits Stepanov. Zhur. tekh. fiz. 32 no. 3:303-

Isothermal acceleration of a one-dimensior plasma within external transverse uniform electric fields V. M Sarychev PMTF Ja-F '62.

Konferentsiia po magnitnoi gidrodinamike, [Magnetohydrodynamics and dynamics of p transactions of the conference] Voprosy m gidrodinamiki i dinamiki plazmy; trudy ko Riga, Izd-vo Akad. nauk Latviiskoi SSR, 1 1 col. diagr.

(RPB) (IEN)

Makhan'kov, V. G. [Excitation of electrom in a plasma in which electrons have a dir city relative to ions] O vozbuzhdenii elek volн v plazme, gde elektrony imeiut nap skorost' otnositel'no ionov. Dubna, Ob"e iadernykh issl., 1962. 5 p.

One-dimensional automodel waves moving along a magnetic field [with summary in Tverskoi. Zhur eksp. i teor fiz. 42 no '62.

One-dimensional steady flow of a plasma v in the presence of an external transverse and resistance. G IU Dautov. PMTF n '62

Particular solutions to equations describir dynamics of a rarefied plasma for axially motions V. P Korobeinikov. PMTF no '62.

Pyrolysis of gasoline vapors to acetylene hydrogen plasma. D. T. Il'in, E. N. Eren un. Ser. 2 Khim. 17 no. 2:29-30 Mr-Ap

Stability of a plasma cylinder in the case current distribution over the cross secti Vandakurov. Dokl. AN 143 no. 5:1078-1

States characterized by an anisotropic dis tion in a rarefied relativistic gas. G. M. PMTF no. 1:20-24 Ja-F '62.

PLASMA PROTEINS

Effect of gamma globulin on the content of in the plasma in dysentery in infants. A N. I. Shekhina. Pediatriia no. 4 47-51

PLASTIC BEARINGS—TESTING

Performance of capron bearings at high s F. P. Snegovskii, N. N. Potapkina. Mash no. 2:90-92 Mr-Ap '62.

PLASTIC FILMS

Weather resistance of film materials. G. I. B. Kuznetsova Plast. massy no. 3:44-

PLASTIC PIPE see Pipe, Plastic

PLASTIC SPRAYING

Plastic spraying. Mor. flot 22 no. 2:47

Using spraying techniques in applying pro V. S. Mendel'son and others. Mashinost 69-76 Mr-Ap '62.

PLASTICITY

Applying the method of hydrodynamic app variational problems of plastic flow. A others. Inzh. zhur. 1 no. 1:58-67 '61.

Condition of the positivity of energy dissi laminar flow of a rigid-plastic body. O PMTF no. 1 164 Ja-F '62.

Drag across a curvilinear matrix. B. A. PMTF no 1:165-168 Ja-F '62.

Drag of thin-walled pipes across matrice shape. I. D. Grudev. Trudy MFTI no.

Fridman, IA. B., T. K. Zilova, and N. I. the method of rolled-on gratings in inv deformation and breakdown] Izuchenie deformatsii i razrusheniia metodom na Moskva, Gos. nauchno-tekhn. izd-vo O 187 p.

Insertion of convex rigid stamps into an plastic medium. V. O. Geogdzhaev. T no. 7:58-63 '61.

Metal plasticity during the crystallizatio Prokhorov. Lit. proizv. no. 4:27-30

PLASTICITY (Continued)
Motion of rigid-plastic bodies in a resistant medium G S. Shapiro Prik mat i mekh 26 no 2:344-345 Mr-Ap '62.
Physical theory of plasticity and strength V L. Indenbom, A. N. Orlov Usp fiz nauk 76 no 3:557-591 Mr '62
Plastic flow of a plane specimen weakened by circular cut-out holes and subjected to stretching. V.N Kukudzhanov. Trudy MFTI no.7:64-79 '61.
Reduction of the plasticity of metals annealed following small plastic deformations. A. IU German and others Izv. vys. ucheb zav., tsvet. met. 3 no 2:156-160 '60
Remark on the theory of inserting a stamp into a plastic medium A. I Kuznetsov PMTF no. 1 162-163 Ja-F '62
Using series of metacylindrical functions in solving problems in the statics of loose and plastic media L S. Agamirzian Inzh. zhur. 1 no 4 76-85 '61.
Velocity fields under conditions of plasticity of general type. I. V Shnlo. Trudy MFTI no. 7, 71-84 '61

PLASTICIZERS
Action of gasoline and water on poly(vinyl chloride) plasticized by polymeric plasticizers V A Byl'ev, V A Voskresenskii. Zhur prikl. khim 35 no 4 911-915 Ap '62
Effect of low-molecular weight liquids on some polymeric materials V. A. Voskresenskii Zhur prikl khim 35 no. 3:696-698 Mr '62
Effect of the composition of plasticizers on the electrical properties of poly(vinyl chloride) compositions IU. N. Van-Gaut. Plast. massy no 5,40-41 '62
Photometric rapid method for determining the degree of readiness of poly(vinyl chloride) films in the process of plasticization on rolls E. S. Khoroshaia and others Plast. massy no 5 59-60 '62.
Plasticization of filled polymers. IU S. Lipatov. Dokl. AN SSSR 143 no. 5, 1142-1144 Ap '62.

PLASTICS
(see also subdivision under Netherlands)
Arkhangel'skii, B. A. [Plastics; manual on the use of plastics in shipbuilding and allied technical fields] Plasticheskie massy; spravochnoe posobie po primeneniiu plasticheskikh mass v sudostroenii i v smezhnykh oblastiakh tekhniki. Leningrad, Sudpromgiz, 1961. 719 p.
Babich, R. M. [Plastics in construction] Plastmassy v stroitel'stve. Voronezh, Izd-vo Voronezhskogo univ., 1961. 54 p.
Bulls eyes made of plastics. A. Briakalov, V. Tendler. Rech. transp. 21 no. 3:28-29 Mr '62.
Development of the scientific justification of formulas for plastic materials of phonorecords. E. I. Regiter. Trudy VNAIZ no. 5:116-135 '59
Houses from plastic materials. A. Taf. Belarus' 19 no. 4:15 Ap '62.
Mechanical finishing of plastic materials. A. M. Duev. Plast massy no 5,67-70 '62.
Modern methods of processing plastics. M. I. Garbar, A. N. Levin, G. V. Sagalaev Zhur. VKHO 7 no. 2: 207-211 '62
Phenoplast bolts for fixing rails to reinforced concrete crossties (from "Brit. Plast," no. 5, 1961) A. Shvedchikov. Plast. massy no. 3;74 '62.
Piezothermal plastics from peat. P. I. Bel'kevich, V M. Naumovich, A. P. Letsko. Dokl. AN BSSR 6 no. 4: 240-242 Ap '62.
Plastic composition for taking molds of threaded joints. A. D. Kurmaev, V. S. Batalov. Plast massy no. 5;66 '62.
Plastics abroad. Plast. massy no. 4;70-71 '62.
"Plastics" by J. Jousset. Reviewed by V. Tolstoguzov. Plast. massy no. 4;79 '62.
Review of the approved formulas of plastic materials for phonorecords. L. G. Bogacheva, L. G. Kotliarevskaia. Trudy VNAIZ no. 5;136-147 '59.
Use of plastics for sprinklers. N. Voznesenskii, B. Shchepankevich. Pozh. delo 8 no. 4:23-25 Ap '62.
"Use of plastics in various branches of industry" by D. G. Bachurin. Reviewed by I. G. Filatov. Zhur prikl khim. 35 no. 3;702-703 Mr '62.
Using organosilicon emulsions in the manufacture of equipment for casting thermoplastics on gypsum models. K. P. Grinevich and others. Plast. massy no. 5;39-40 '62.

PLASTICS—CREEP see Creep of plastics

PLASTICS—EXHIBITIONS
Plastics at the exhibition "Moscovites and the 22d Congress of the CPSU." Plast. massy no. 4;74-76 '62.

PLASTICS—MOLDING
Casting insulation parts from MSN plastic. I. I. Khaimovich. Av. prom. 26 no. 8;25-26 '57.
Centrifugal molding of plastics abroad. A. M. Skliarskii. Plast. massy no. 3;70-74 '62.
Designing gating system of die-casting molds for molding thermosetting materials and industrial resins. N. A. Maiorov. Av. prom. 26 no. 8;50-54 '57.
Die-cast mold for casting counter pinions for capron automobile clocks. V. P. Pavkin-Zhilenkov. Mashinostroenie no. 2;107-108 Mr-Ap '62.
Effect of compression parameters on the strength of the plastic AG-4. IU M. Tarnopol'skii, A V Petrov, K. A. Akunts. Plast. massy no. 1 65-67 '62.
Main processes occurring inside injection molds. E. L. Kalinchev, A N. Levin Plast. massy no. 3;57-62 '62
Manufacture of parts from premixed molding compositions V. M. Tendler, A. A Briakalov Plast massy no 5,34-36 '62
Tatevos'ian, G. O. [Presses of plastics] Pressovshchik plastmass. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1961 318 p
Unit for investigating the extrusion of plastics. I. I. Tarasenko, Z. A Kimlat. Mashinostroenie no. 2 86 Mr-Ap '62.
Vidgof, N. B. [Injection molding of thermoplastics] Tochechnoe lit'e termoplastov; stenogramma lektsii. Leningrad, 1961. 46 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Serija Sinteticheskie materialy)

PLASTICS—PERIODICALS
Conference of readers of the journal "Plasticheskie massy," Plast massy no. 3;77-79 '62.

PLASTICS—STANDARDS
Mechanical and engineering characteristics of plastics. S B. Ratner. Plast massy no 3,77 '62

PLASTICS—TESTING
Determination of elastic constants E, G, and μ for thermosetting isotropic plastics. P. G Artemov, G. V. Shpak, V. V. Simankov Plast massy no 5:58-59 '62
Effect of various ingredients on frictional properties of plastics G A Georgievskii Tren. i izn mash no 16 121-150 '62.
Friction and wear of plastics under high contact stresses. M D. Bezborod'ko, G V. Vinogradov, L. I. Shabarov Plast. massy no 5 53-57 '62
Improving the methods of testing plastics. L. A. Igonin, S. B. Ratner, G. O. Tatevos'ian. Plast. massy no. 4 1-2 '62.
Standardization of the methods of electric testing of plastics. P. N. Shcherbak Standartizatsiia 26 no. 4: 56-57 Ap '62.
Strength of threaded plastic parts. V. M. Shannikov, V. V. Meng Vest. mash 42 no. 2;40-43 F '62
We should develop the study of the mechanical behavior of plastics V. A Kargin, IU. M. Malinskii, S. B. Ratner Plast. massy no 5,1-2 '62

PLASTICS—THERMAL PROPERTIES
Method of determining the thermal stability and highest permissible temperature for processing thermoplastic materials. I. F. Kanavets, L. G. Batalova. Plast. massy no 4;22-27 '62.

PLASTICS—VIBRATION
Damping properties of structural plastics V. M. Chernyshev. Probl proch. v mashinostr. no 7;75-83 '62.

PLASTICS—WELDING
Welding of fluoroplast films. I. N. Matsiuk and others. Plast. massy no. 5;23-26 '62.

PLASTICS IN MEDICINE
Further modification in the formation of the "urinary bladder" around a temporary endoprosthesis made of plastic. A. P Tsulukidze and others. Urologiia no. 6; 28-29 '61.

PLASTICS INDUSTRY—TECHNOLOGICAL INNOVATIONS
"Mechanization and automation of the processing of plastics" by V. K Zavgorodnii Mekh i avtom proizv. 16 no. 3 54 Mr '62

PLATINUM
Effect of the colloidal platinum on the kinetics and mechanism of the initial block polymerization of styrene. Part 2 [with summary in English]. A. D. Stepukhovich, E. A. Rafikov, A. L. Bortnichuk. Vysokom. soed. 4 no. 2;182-187 F '62.

PLATINUM-BISMUTH ALLOYS see Bismuth-platinum alloys

PLATINUM COMPOUNDS
Acid-base properties of ethylenediamine-ammonia platinum pentamines I. I. Chernaev, N. T. Kuznetsov Zhur. neorg khim 7 no 4;762-766 Ap '62
Mixed iodopentamines of platinum. I. I. Chernaev, N. T Kuznetsov Zhur. neorg. khim. 7 no. 4,756-751 Ap '62
Reactivity of amines in the inner sphere of tetravalent platinum IU. N. Kukushkin Zhur. neorg. khim. 7 no. 4;769-775 Ap '62.

PLATINUM COMPOUNDS—OPTICAL PROPERTIES
Optical activity of platinum (IV) triamines. I. I. Chernaev, O. N. Adrianova, N. Sh Lettes Zhur neorg khim. 7 no 4;749-755 Ap '62.

PLATINUM ELECTRODES see Electrodes, Platinum

PLAVIL'SHCHIKOV, NIKOLAI NIKOLAEVICH, 1892-1962
In memory of a friend of young naturalists. IUn nat. no. 4 21 Ap '62

PLAVINAS HYDROELECTRIC POWER STATION
Using electroacoustic piezodynamometers in the construction of the Plavinas Hydroelectric Power Station. G M Lomidze, R. S. Ziangirov. Gidr. stroi 32 no 4: 33-35 Ap '62

PLAY
Toys Aleksandra Venger Semia i shkola 17 no 1 25-27 Ap '62

PLESETSK DISTRICT—LARCH
Volume of larch growing in mixed plantations of Plesetsk District, Archangel Province. V. I. Kalinin. Izv. vys. ucheb. zav., les. zhur. 4 no. 6:16-19 '61.

PLETHYSMOGRAPHY
Plethysmography and pneumography in toxemias of the second half of pregnancy treated with magnesium sulfate aerosols E V Pankova Sbor. nauch. trab Kaf. akush. i ginek. GMI no 2 11-14 '60

PLEURA—DISEASES
Effect of pleural adhesions on the function of external respiration [with summary in English] P. P. Frisova Grud. khir no. 2;46-51 '62

PLIEKSANS, JANIS, 1865-1929
Sokol, E. P. [Life and works of Janis Pliekšans] Zhizn' i tvorchestvo IAna Rainisa; literaturno-kriticheskii ocherk. Riga, Latviiskoe gos. izd-vo, 1957. 322 p.
(InU)

PLISETSKAIA, MARIIA
Plisetskaia in Paris N. A. Teatr 23 no. 5;154-155 My '62

PLOVERS
Basic trends in the development of flight capabilities in plovers [with summary in German]. B. K. Shteginman Zool zhur. 41 no. 4;591-602 Ap '62.

PLOWING
Improving agrotechnical indices in plowing [with summaries in English, German, and French]. A I Ivlev, I E. Popov Vest. sel'khoz nauki 7 no. 2 117-121 F '62.

PLOWS
Engineering evaluation of plows when operated at increased speeds [with summaries in English, German and French] V. V. Kvasnikov, A. M. Bitiukhov Vest sel'khoz nauki 7 no. 3,114-116 Mr '62.

PLUM
Some results of the 40-year investigation of plums on clonal rootstock A. S. Deviatov Agrobiologiia no. 2 313-315 Mr-Ap '62

PLUM—VARIETIES see subdivision under Novosibirsk Province

PLUMBING—MODELS
Model of a water supply system. L. IA Bolotykin Stroi i proizv 6 no 4 69-71 Ap '62

PLUMBISM see Lead poisoning

PLUTONIUM FLUORIDES
Study of plutonium fluorides. E. N. Deichman, I. V Tananaev. Radiokhimia 4 no. 1 66-73 '62.

PLUTONYL COMPOUNDS
Hydrolysis behavior of the plutonyl ion in aqueous solutions A. I. Moskvin, V. P. Zaitseva. Radiokhimia 4 no. 1 73-81 '62.

PNEUMATIC CONTROL
Experience in adjusting pneumatic combustion control networks according to the "heat-fuel" system. M M Lobanov. Energetik 10 no. 4;21-23 Ap '62.

PNEUMATIC CONTROL—STANDARDS
Converters, regulators and indicators. N. I. Zhukovskii. Standartizatsiia 26 no. 4;41-43 Ap '62.

PNEUMATIC GAUGES
Pneumatic device for testing pump and injector atomizers and carburetor jets. E. Popov. Avt. transp. 40 no. 4: 22-24 Ap '62.

PNEUMATIC MACHINERY
Leshchenko, V. G., and IA. V. Mil'man. [Pneumatic systems for textile machinery] Pnevmaticheskie ustroistva tekstil'nykh mashin. Moskva, Mashgiz, 1962. 150 p.

PNEUMATIC TOOLS
Nail-driving instrument (from "Wood," 26, no. 8, 1961) Der prom. 11 no. 4 30 Ap '62.

PNEUMATIC TOOLS—TESTING
Physiological hygienic study of the spring back arising during a change in the conditions for testing a pneumatic hammer [with summary in English]. Z. M. Butkovskaia and others Gig. truda i prof. zab. no. 4:8-14 '62

PNEUMATIC-TUBE TRANSPORTATION
Calculating the pneumatic transportation of solid catalysts. I. M. Razumov. Khim. i tekh. topl. i masel 7 no. 4;41-48 Ap '62.

rUBE TRANSPORTATION (Continued)

in the use of aerosol pneumatic tube
ion in the "Kauchuk" plant. IU. M Vapna,
kov, M S Gezin Kauch. i rez. '1 no. 3
'62

pe transportation of flour N E. Morev, V V
Meb i khleb prom. 6 no 4 1-3 Ap '62
es in grain mills equipped with pneumatic
ion units S. TSorfas Muk.-elev. prom.
8 Mr '62

'RIC NERVE see Vagus nerve

pnonia rate in lambs IA I I leimbok and
terinariia 37 no. 8 51-55 Ag '60

pnonectomy in caseous pneumonia in the acute
F. Doroshev. Probl. tub. no. 3 112-111 '62

pecific pneumonia, N A Igoshina Zdrav.
o. 1 12-15 Ja-F '62

pecific pneumonia in children. P. D Tambov-
l. Fakush 27 no 3 8-11 Mr '62

pring bronchial patency on the breathing of
septic nature (atypical pneumonia B S
Trudy AZVI 9 164-168 '56

limatic characteristics on the course of
ni children under 1 year of age F IA Ufa,
ova. Gig i san. 26 no 5 56-58 My '61
B. B. Kogan Zdorov'e 6 no. 2 13-11 F

al pneumonia in radiation injury [with sum-
glish]. O. I Bazan Arkh pat. no 8:32-39

RAX

acute pyopneumothorax in children by the
ctive aspiration [with summary in English]
hev Grud khir. no. 2:38-43 '62.

AUTILOIDEA, FOSSIL

oic Nautiloidea in Podolia F A Zhuravl-
ont zhur no 1 55-59 '61

f turf-Podzolic soils tilled by different me-
I. Beresneva, N. F. Morozova Trudy Vses
iz. mikrobiol no. 14,63-74 '58

petitions in determining the exchangeable
humus reserves and content in Podzolic
[with summary in English] B D. Zaitsev.
nie no 1 81-85 Ap '62

ge to regulate the moisture of turf-Podzolic
ummary in German]. C. N. Skinkis.
nie no. 4 1-6 Ap '62

CROBIOLOGY see subdivision under

DII PETROVICH

o maturity. V. Gusarov. Neva no 1 186-

CAL see Critical point

isonous chemicals A. S. Vyshivkina
no. 4:31 Ap '62.

REL, 1891-1962

f M. Svobinsky and K. Pokorny. Iskusstvo 25
'62

MIKHAIL NIKOLAEVICH, 1868-1932

iews of M. N. Pokrovskii" O Sokolov
shkole 17 no 3:117 My-Je '62

CHIVES

ical literature on the preparation of the
le publication of documents. S. N Valk
7 no. 1 115-117 Ja-Mr '62.

MED FORCES

rms. S Lesnevskii. Voen znan. 38 no 4:
'62

MY—POLITICAL ACTIVITY

the battle traditions of the glorious Polish
our servicement. J Urbanowicz Komm.
1 2 no. 6:75-79 Ap '62

MMUNIST PARTY

auk SSSR, Institut slavianovedeniia. [From
of the Polish labor movement] Iz istorii
abochego dvizheniia. Moskva, Izd-vo so-
on. lit-ry, 1962. 475 p.

Guard of Polish workers, on the 20th anniver-
Polish Workers' Party. R A. Ermolaeva
SS 6 no. 2.222-224 '62.

foreign periodicals devoted to the history
ist parties. Vop. ist. KPSS 6 no. 2:209-210

DUCATION

et education and pedagogics in Poland. Sov.
no. 4:160 Ap '62

RAIN

tion in Poland during the period 1961-1965
eglad Zbozowo-Mlynarski," no. 6, 8, 9, and
M. Tartakovskii. Muk.-elev. prom. 28
r '62.

POLAND—HARDBOARD

Manufacture of wood fiber boards in Poland M I Varla-
mov Der prom 11 no 4 27-29 Ap '62

POLAND—HISTORY

An encounter in Poland (to be continued). Lev Slavin.
Znamia 32 no. 1:176-190 Ja '62.

POLAND—INSURANCE, SOCIAL

Social insurance in the People's Republic of Poland
V Aralov, D Gritskevich Sots. obesp. 23 no 4.61-62
Ap '62

POLAND—LABOR AND LABORING CLASSES

Akademiia nauk SSSR. Institut slavianovedeniia. [From
the history of the Polish labor movement] Iz istorii
pol'skogo rabochego dvizheniia. Moskva, Izd-vo so-
tsial'no-ekon. lit-ry, 1962. 475 p.

POLAND—LANGUAGES—TEXTBOOKS

Compiling foreign language textbooks E. Rosinski.
Inostr. iazyki shkole no. 2 11-19 Mr-Ap '62.

POLAND—MARINE ENGINES

Polish built marine engine [from "Budownictwo okrętowe,"
no. 8, 1961] Sudostroenie 28 no 3 66-67 Mr '62

POLAND—ORE DRESSING

Ore dressing plants in the Polish People's Republic.
I. N. Plakhin. Izv. vyss. ucheb. zav., tsvet met 3 no 2.
160-171 '60.

POLAND—PRINTERS

"Printers in old Poland from the 15th to the 18th century"
Reviewed by IA. D. Isaevich Kniga, issl i mat 5:
363-371 '61

POLAND—SCIENCE—BIBLIOGRAPHY

Works of the Polish science historians. S. Skuhala. Vop.
ist. est i tekh no. 12 253-254 '62.

POLAND—SHIPS—AIR CONDITIONING

High-pressure air conditioning system on the Polish
ship "Ilmor" [from "Budownictwo okrętowe," no. 9,
1961]. Sudostroenie 28 no 3:67-68 Mr '62.

POLAND—SUGAR INDUSTRY—EQUIPMENT AND SUPPLIES

Evaluation of the performance of DdS diffusers in Polish
sugar factories (from "Gazeta Cukrownicza," no 9,1961)
A A. Lipets Sakh prom. 35[i e 36] no 2 65-66 F
'62.

Flow trap for carbonation gas (from "Zlety cukrovanicke,"
no 8, 1961) I. F Bugaenko Sakh prom 35[i e 36]
no 2 64-64 F '62

POLAND—SUGAR MANUFACTURE

Structure of the colloid coagulates of sugar beet juices
(from Listy cukrovanicke," no 9, 10, 1961) I F. Buga-
enko Sakh prom 35[i e 36] no. 2 67 F '62.

POLAND—WORLD WAR, 1939-1945

"Military operations of the Armed Forces of people's
Poland, 1943-1945" [in Polish]. Reviewed by M Monin
Voen.-ist. zhur. 4 no. 4:103-106 Ap '62.

POLAROGRAPHY

Akademiia nauk URSR, Kiev, Institut zahal'noi ta neo-
rganichnoi khimii. [Polarography of fused salts]
Polarografiia rasplavlennykh solei, Kiev, Izd-vo
Akad. nauk USSR, 1962. 72 p.

Polarographic study of some impurities in cyclohexanone
T. S. Ivcher, E. M Perepichtchikova, E. N Zil'berman
Zhur prikl khim 35 no 3 634-637 Mr '62.

Some problems involved in polarographic analysis on
solid electrodes. Report No. 1: Methods for polaro-
graphic determination using a rotating platinum elec-
trode. I. A. Kedrinskii. Trudy LTI no 48:56-65 '58.

Some problems involved in polarographic analysis on
solid electrodes. Report No. 2: Determination of cer-
tain elements and change of electrode properties during
the formation of surface compounds. I A. Kedrinskii
Trudy LTI no. 48:66-82 '58.

Triethylbenzyl ammonium chloride as a polarographic
background for the negative potential range [with sum-
mary in English]. G. S. Supin Zhur anal khim. 17
no. 2,250-250 Mr-Ap '62

POLENOV, ANDREI L'VOVICH, 1871-

Andrei L'vovich Polenov, on his 90th birthday. I. S
Babchin Vest. khir no. 4 145-146 '62

POLESYE—ALGAE

Euglenophyta in lakes of the West Ukrainian Polesye [with
summary in English]. Z I. Asaul. Ukr. bot. zhur. 19
no. 1 52-57 '62.

POLESYE—ARCHAEOLOGY, MEDIEVAL

[Archaeology of the U. S. S. R.; index of archaeological
sources] Arkheologiia SSSR, svod arkheologicheskikh
istochnikov. Pod obshchei red. B. A. Rybakova. Moskva,
Izd-vo Akad. nauk SSSR.
No. E1-57. Kukharenko, IU. V. [Medieval monuments
of Polesye] Srednevekovye pamiatniki
Poles'ia. 1961. 39 p. maps. plates.

POLESYE—FEEDS

Sulfur content of some feeds obtained in the forest-steppe
region and Polesye. F. P Shevchenko. Visnyk sil'khosp.
nauky 5 no. 3:105-107 Mr '62.

POLESYE—IRON AGE

[Archaeology of the U. S. S. R.; index of archaeological
sources] Arkheologiia SSSR, svod arkheologicheskikh
istochnikov. Pod obshchei red. B. A. Rybakova. Moskva,
Izd-vo Akad. nauk SSSR.
No. D1-29. Kukharenko, IU. V. [Monuments of the
Iron Age on the territory of Polesye]
Pamiatniki zheleznogo veka na territorii
Poles'ia. 1961. 68 p. plates.

POLESYE—PODZOL—MICROBIOLOGY

Distribution of Azotobacter in the turf-Podzolic soils
of the Ukrainian Polesye. Kh. H Zinov'ieva. Mikro-
biol. zhur. 23 no 6 18-22 '61

POLESYE—SOILS—MANGANESE CONTENT

Manganese migration and forms of accumulation in soils
and plants of southeastern Polesye K. I Lukashev,
N. N Petukhova Dokl AN BSSR 6 no 4 251-254 Ap
'62

POLIOMYELITIS

(see also subdivision under Kirghizistan; Tashkent)

Petelin, L. S. [Fangotherapy of epidemic poliomyelitis]
Grazelechenie epidemicheskogo poliomielita. S
predisl N. S. Chotverikova. Moskva, Medgiz, 1962.
125 p. (Biblioteka prakticheskogo vracha)
(DNLM)

Survivability of the poliomyelitis virus and other entero-
viruses on vegetables. G. A. Bagdasar'ian. Gig. i san.
27 no. 3:97-99 Mr '62.

Treatment of children with the sequelae of poliomyelitis
at sanatoriums. V. IA Negreshi Zdravookhranenie
5 no. 1:50-51 Ja-F '62

POLIOMYELITIS—PREVENTIVE INOCULATION

Analysis of the changes of humoral immunity in children
after the peroral immunization with live vaccine against
poliomyelitis Kh Zh Zhumatov, N. B. Arkimanulina
Trudy inst. mikrobiol. i virus. AN Kazakh SSR 5:148-156
'61.

POLISHING, ELECTROLYTIC see Electrolytic polishing

POLITICAL PRISONERS see subdivision under Algeria

POLITICAL SCIENCE

Lenin, V. I. [Complete works] Polnoe sobranie sochine-
nii. Izd. 5 Moskva, Gos. izd-vo polit. lit-ry.
Vol. 27. [(August 1915-June 1916)] Avgust 1915-
iiun' 1916. 1962. 643 p.

POLITICAL SCIENCE—STUDY AND TEACHING

Literature for the course "Fundamentals of political
science" Prep. ist. v shkole 17 no. 3 105-110 My-Je
'62

Teacher's preparations for teaching the course "Funda-
mentals of political science" V. V. Botkov Prep. ist
v shkole 17 no 3 48-57 My-Je '62

POLLEN

Diseases of men and animals caused by pollen from trees
and shrubs. N. V Nikso-Nikochin. Les khoz. 15
no. 4 73-74 Ap '62.

POLLEN, FOSSIL see subdivision under Nikopol'

POLLUTION OF WATER see Water—Pollution

POLTAVA PROVINCE—CORN (MAIZE)

I am for a new record! Antonina Tetianko Znan ta
pratsia no. 4:5 Ap '62

POLTEV, VASILII IVANOVICH, 1900-

Vasilii Ivanovich Poltev I N. Gritsenko. Veterinariia
37 no. 6:95 Ag '60.

POLYAMIDES

Investigation of polycaprolactam powders. O. A. Gunder,
I. M. Livshits. Plast. massy no. 4 12-15 '62.

Use of polyamide film in strawberry growing B. A. Kir-
pichnikov Plast. massy no. 5:71 '62.

POLYCHAETA see subdivision under White Sea

POLYETHYLENE

Akademiia stroitel'stva i arkhitektury SSSR. Institut
sanitarnoi tekhniki. [Basic recommendations of the
use of pressure pipes made of low-density polyethylene
(high pressure)] Osnovnye rekomendatsii po primeneniiu
napornykh trub iz polietilena nizkoi plotnosti (vysokogo
davleniia). Moskva, Gos. izd-vo lit-ry po stroit.,
arkhit. i stroit. materialam, 1961. 63 p.

HXX Thermal elongation of polyethylene during "cold
stretch forming." E. O. Kolobov. Plast. massy no. 1:
69-70 '62.

Process polyethylene fiber formation. T. V. Druzhinina
and others. Khim. volok. no. 2:17-20 '62.

Rheological characteristics of low pressure polyethylene
and the evaluation of its fluidity. E. E. Glukhov, S. I.
Klez. Plast. massy no. 5:30-33 '62.

POLYGONUM—THERAPEUTIC USE

Medicinal preparation of Polygonum. L. F. Abakumova.
Trudy AZVI 9:256-257 '56.

POLYMERIZATION
Adiabatic polymerization of monomers N.G. Karapetian and others. Kauch. i rez 21 no.3,1-4 Mr '62
Copolymerization of octamethylcyclotetrasiloxane and decamethylcyclopentasiloxane S.N. Borisov, A.V. Karlin, N.G. Svirkova Zhur. prikl. khim. 35 no.4 917-919 Ap '62
Copolymerization of unsaturated organophosphorus compounds D. Sh. Korotkina, V.V. Vinogradova, G.G. Karelina, Kauch. i rez. 21 no.4:1-3 Ap '62.
Homolytic telomerization of vinyl acetate with tetrachloroethylene at high pressures. V.M. Zhulin, M.G. Gonikberg, V.N. Zagorskina. Izv. AN SSSR, Otd. khim. nauk no.1,716-720 Ap '62.
New method of the synthesis of polymers. V.V. Korshak, S.L. Sosin. Priroda 51 no.4:98-101 Ap '62.
New ways of synthesizing polymers by polymerization methods. V.A. Kabanov, V.P. Zubov. Zhur. VKHO 7 no.2:131-140 '62
Polymerization of di-β,β'-chloroethyl ester of vinylphosphinic acid. V.A. Orlov, O.G. Tarakanov. Plast. massy no.1,6-8 '62.

POLYMERS
Aging and stabilization of polymers. M.B. Neiman. Zhur. VKHO 7 no.2:164-172 '62.
[The chemistry and technology of polymers; translations from foreign periodical literature] Khim. i tekh. polim.; sbor. perev. iz inostr. period. lit. 5 no.12 '61.; 6 no.3 '62.
Chertkov, I.N. [Experiment on polymers in secondary schools, handbook for teachers] Eksperiment po polimeram v srednei shkole; posobie dlia uchitelei. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 117 p.
Comparative toxicity of some stabilizers used for increasing heat and light resistance of polymer materials [with summary in English] A.IA. Broitman. Gig. truda i prof. zab. 6 no.3:20-26 Mr '62
Compression of reinforced aggregates made from polymers. A.L. Rabinovich. Trudy MFTI no.7 3-10 '61.
Conjugation and orderliness as factors affecting semiconducting properties of polymers A.A. Dulov and others. Dokl. AN SSSR 143 no.6,1355-1357 Ap '62.
Development of the production of synthetic polymer materials in capitalist countries G.E. Birger, E.S. Savinskii, N.P. Fedorenko. Zhur. VKHO 7 no.2,212-216 '62.
Economic and technical foundation of communism and the theory of polymers. V.A. Kargin. Nauch. dokl. vys. shkoly, filos. nauki 5 no.2:33-41 '62.
Effect of low-molecular weight liquids on some polymeric materials. V.A. Voskresenskii. Zhur. prikl. khim. 35 no.3:696-698 Mr '62.
Effect of relaxation rate on the strength of adhesive joints. IU.M. Malinskii, V.V. Prokopenko, V.A. Kargin. Vysokom. soed. 4 no.2:299-303 F '62.
Effectiveness of using polymeric materials in the finish of buildings G. Serkova, V. Storozhenko. Ekon. stroi. no.3:32-36 Mr '62.
In the chemical gardens of graft polymers IA. Akrilian. IUn. tekh. 6 no.3 30-32 Mr '62.
Litvinenko, M.S., and I.M. Nosalevich. [Coke-plant chemicals for the production of polymeric materials] Khimicheskie produkty koksovaniia dlia proizvodstva polimernykh materialov. Khar'kov, Metallurgizdat, 1962. 428 p.
Modification of properties of synthetic polymer materials. N.A. Plate, V.P. Shibaev. Zhur. VKHO 7 no.2:147-153 '62.
New types of polymer coatings and adhesives. A.A. Blagonravova, D.A. Kardashev. Zhur. VKHO 7 no.2: 187-194 '62.
Phosphorus-containing polymers. Part 3: Using the Arbuzov reaction for the polymerization of ethylene-alkylphosphites [with summary in English]. K.A. Petrov and others. Vysokom. soed. 4 no.2:246-249 F '62.
Physical and thermal properties of polyorganosiloxanes obtained by double decomposition reaction [with summary in English]. A.I. Petrashko, K.A. Andrianov. Vysokom. soed. 4 no.2:221-229 F '62.
Plasticization of filled polymers. IU.S. Lipatov. Dokl. AN SSSR 143 no.5:1142-1144 Ap '62.
"Polymeric materials" by C.C. Winding, G.D. Hiatt. Reviewed by V. Tolstoguzov. Plast. massy no.4:79 '62.
Polymers based on silicon-containing compounds of furan. Synthesis of esters of ortho-silicic acid and furfuryl alcohol. I.V. Kamenskii, I.K. Sanin, V.V. Korshak. Plast. massy no.3:8-12 '62.
Polyurethan coating based on hydroxyl-containing linear high polymers. G.IA. Terlo, L.S. Basova. Lakokras. mat. i ikh prim. no.1:8-11 '62.
Synthesis of polymers by ring opening. A.V. Volokhina. Zhur. VKHO 7 no.2:140-146 '62.
Use of high polymer packaging materials in food preservation by means of ionizing. IA.G. Muravin, L.N. Zelenskaia, G.D. Pugach. Kons. i ov. prom. 17 no.4:24-27 Ap '62.

POLYMERS—BIBLIOGRAPHY see Bibliography—Polymers

POLYMERS—CONGRESSES
Conference on the Aging and Stabilization of Polymers A.F. Lukovnikov. Plast. massy no.1 76-78 '62.

POLYMERS—DIPOLE MOMENTS
Effect of side chain radical isomerism on the intramolecular interaction in polymers [with summary in English]. G.P. Mikhailov, L.L. Burshtein. Vysokom. soed. 4 no.2 270-275 F '62

POLYMERS—ELECTRIC PROPERTIES
Antistatic polymer materials V.E. Gul'. Zhur. VKHO 7 no.2:200-206 '62
Conference on conductive polymer materials. IA.N. Kapunov, N.S. Maizel'. Zhur. VKHO 7 no.2:221-222 '62
Electric conductivity and activation energy of some dithiooxamide, N-substituted dithiocarbamate, and thiocyanate (Cu, Co, Ni) polymers. V.M. Vozzhennikov and others. Dokl. AN SSSR 143 no.5:1131-1134 Ap '62.
Electron zero-indicator for measuring the electric conductivity of polymers (polyelectrolytes). V.P. Batiuk, K.F. Rybalka, S.A. Gordienko. Plat. massy no.1:61-64 '62.

POLYMERS—EXHIBITIONS
At the Exhibition of Achievements of the National Economy New work in the field of polymeric materials G.O. Tatevosian. Plast. massy no.5 75-78 '62.
Exhibition of Achievements of the National Economy of the U.S.S.R. Work in the field of polymer materials G.O. Tatevosian. Plast. massy no.3:1-2 '62.

POLYMERS, HIGH see Macromolecular compounds

POLYNOMIALS
Characteristic polynomials of symmetric matrices A.P. Shapiro. Sib. mat. zhur. 3 no.2,280-291 Mr-Ap '62.
Concerning certain methods for calculating the values of polynomials. V.IA. Pan. Prob. kiv. no.7 21-30 '62.
Evaluations of polynomials on a complex plane. E.V. Voronovskaia, M.IA. Zinger. Dokl. AN SSSR 143 no.5:1022-1025 Ap '62.
Order of approximation of analytic functions by partial sums of series of orthogonal polynomials. P.K. Suetin. Izv. AN Arm. SSR. Ser. fiz.-mat. nauk 15 no.2 81-86 '62
Remarks on V.A. Markov's theorem on two polynomials the zeros of which alternate V.S. Videnskii. Izv. AN Arm. SSR. Ser. fiz.-mat. nauk 15 no.2 15-24 '62

POLYPLOIDY
Endomitosis and somatic polyploidy in mammals [with summary in English]. L.N. Zhinkin. Arkh. anat., gist. i embr. 42 no.1:3-21 Ja '62.

POLYSACCHARIDES
Action of the bacterial polysaccharide acetoxan on transplanted tumors. S.M. Navashin, A.I. Braude. Vest. AMN SSSR 17 no.3:23-28 '62.
Comparative evaluation of the methods of histochemical detection of mucopolysaccharides in the tissues of provisory organs of man and mammals V.V. Vinogradov and others. Arkh. anat., gist. i embr. 42 no.1:103-109 Ja '62.
Histochemical study of phosphatase and polysaccharides in the human chorion. M.IU. Shapovalov, A.I. Brusylovskyi. Ped., akush. i gin. 23 no.3:54-56 '61.
Polysaccharides in human tissues during the early stages of ontogenesis [with summary in English]. IU.N. Shapovalov. Arkh. anat., gist. i embr. 40 no.5 34-38 My '61.
Polysaccharides in the tissues of the human embryo during the second month of development [with summary in English]. IU.N. Shapovalov. Arkh. anat., gist. i embr. 42 no.1:46-53 Ja '62.
Principal course of the synthesis of oligo- and polysaccharides by micro-organisms. S.I. Novykova. Mikrobiol. zhur. 23 no.4:56-62 '61.

POLYVINYLPYRROLIDONE—THERAPEUTIC USE
Change in kidney function in patients with burn disease following a transfusion with polyvinylpyrrolidone [with summary in English]. G.P. Vinokurova, A.A. From. Klin. med. no.8:66-68 '61.

POLYZOA see subdivision under Indian Ocean

POLYZOA, FOSSIL see subdivision under Lena Valley

POMEGRANATE
(see also subdivision under Tajikistan)
Heterogeneity of pomegranate shoots. A.K. Sokolov. Trudy Inst. sad. AN Tadzh. SSR 2:139-144 '60.

POMOZDINO DISTRICT—DISABILITY EVALUATION
Field conferences are needed. D. Lipin. Sots. obesp. 23 no.5:28-30 My '62.

PONTOON BRIDGES
Erecting a floating bridge in winter. G. Kotov, V. Letunovskii. Voen. vest. 41 no.3 87-89 Mr '62.

PONTOONS—MAINTENANCE AND REPAIR
Repair of the underwater part of pontoons afloat. V.I. Krotov. Sudostroenie 28 no.3:54-57 Mr '62.

POPERECHNYI, ANATOLII
"Golden leaves", verse by Anatolii Poperechnyi. Reviewed by A. Morshchikhina, V. Shoshin. Neva no.2, 192-193 '62.

POPOV, ALEKSANDR SERAFIMOVICH, 1863-1949
"Creative work of A.S. Serafimovich" by A. Volko. Reviewed by L. Ivanova. Moskva 6 no.1 212-124 '62

POPULAR FRONTS see subdivision under France

POPULATION
M.V. Lomonosov and his letter "On the preservation and multiplication of the Russian nation", on the 250th anniversary of his birth and the 200th anniversary of his treatise on the population of Russia L.E. Polivkov. Gig. i san. 27 no.3 46-49 Mr '62.

PORCELAIN
Lomonosov Porcelain Factory. A.S. Sokolov. Vop. ist. est. i tekh. no.12,238-239 '62.

PORCELAIN, FRENCH see subdivision under Lorraine

PORCELAIN, MEISSEN see Meissen porcelain

POROSITY
Dynamic porosity and the possibility of its utilization in appraising oil reserves. G.N. Pokrovskaia, IU. [A. Kalabin. Geol. nefti i gaza 6 no.1:46-51 Ap '62
Methods of determining porosity L.A. Mikhailova. Uch. zap. Kazakh. un. 37 no.4 145-146 '58.

PORTAL VEIN—RADIOGRAPHY
Shishkin, V.P., and P.N. Mazaev. [Splenoportography] Splenoportografiia. Moskva, Medgiz, 1962. 186 p. (DNLM)

PORTRAITS, FRENCH
Group portraits of members of provincial municipalities in France [with summary in French] I.N. Novoselskaia. Trudy Gos. Frin. 6 no.2 89-117 '61.

PORTUGAL—SHIPBUILDING
Portugese-built ships [from "Shipbuilding and Shipping Record," no.12, 1961]. Sudostroenie 28 no.3 72 Mr '62.

POSITIVISM
"Present-day positivism" by I.S. Narskii. Reviewed by D.P. Gorskii. Vop. filos. 16 no.4,171-175 '62.
"Studies on the history of positivism" by I.S. Narskii. Reviewed by IU.A. Aseev. Vop. filos. 16 no.1:172-174 '62.
"V.I. Lenin's critical evaluation of the sociology of positivism in the 1890's" by T.A. Itasulov. Reviewed by IU.A. Aseev. Vop. filos. 16 no.1:170-174 '62.

POSITIVISM, LOGICAL see Logical positivism

POSPELOV, ALEKSEI IVANOVICH, 1846-1916
Pospelova, N.N. A.I. Pospelov, 1846-1916. Moskva, Gos. izd-vo med. lit-ry, 1962. 96 p. (Vydaiushchiesia deiateli otechestvennoi meditsiny)

POST-MORTEM EXAMINATIONS see Autopsy

POSTAGE STAMPS see subdivision under Moluccas

POSTAL SERVICE see subdivision under Moscow

POSTERS
Posters for workers in automotive transportation units. Avt. transp. 40 no.4:61 Ap '62.

POSTERS, RUSSIAN
Posters for stock farmers. S. Shuranov. Veterinariia 37 no.8:94-95 Ag '60.

POSTOPERATIVE CARE
Care of surgical patients. N.Z. Monakov. Zdrav. Tadzh. 9 no.1:38-43 Ja-F '62.

POSTURE
"Preventing bad posture in children" by A.G. TSeitlin and others. Reviewed by O.N. Aksenova. Teor. i prak. fiz. kul't. 25 no.3:60-61 Mr '62.

POTASH INDUSTRY see subdivision under Germany, East; Perm Province

POTASSIUM
(see also subdivision under Caspian Lowland; Ural Mountain region)
Accumulation of potassium in bean plants [with summaries in English, German, and French]. E.I. Panteleeva. Vest. sel'khoz. nauki 7 no.2:46-48 F '62.
Decomposition of organic substances by metallic potassium. Report No.2: New method of determining phosphorus. M.N. Chumachenko, V.P. Burlaka. Izv. AN SSSR, Otd. khim. nauk no.4:560-565 Ap '62.

POTASSIUM—ANALYSIS
Detection of potassium ions in the presence of ammonium ions. A.N. Agte. Trudy LTI no.46:182-186 '58.

POTASSIUM—PHYSIOLOGICAL EFFECT

Effect of glutamic acid, asparagin, glycocoll and alanine on the contractile function of skeletal muscle and on its sensitization to potassium ions [with summary in English]. P. P. Dikalova. Biul. eksp. biol. i med. 3[1 e 53] no. 3 57-59 Mr '62.

POTASSIUM FERRICYANIDE

Oxidation of 3-thioacetylaminothionaphthene by potassium ferricyanide. Z. I. Mirosh nichenko, M. A. Al'perovich, Zhur. ob. khim. 32 no. 4 1245-1248 Ap '62.

POTASSIUM FLUORIDE

Preparation of potassium fluoride. M. A. Kolenkova, A. I. Latner, A. G. Motina. Izv. vys. ucheb. zav., khim. i khim. tekh. 5 no. 1 115-119 '62.

POTASSIUM HALIDE CRYSTALS

Selective etching of potassium halides. S. V. Lubenets, N. I. Kostin. Kristallografiia 7 no. 2, 428-430 Mr-Ap '62.

POTASSIUM IODIDE

Simultaneous effect of urotropine and potassium iodide on the rate of steel dissolution in sulfuric acid. S. A. Balezin, I. M. Zhuravlev. Uch. zap. MGPI no. 146 199-201 '60.

POTASSIUM IODIDE CRYSTALS

Use of the tagged atoms method in studying changes in the diffusion coefficient for potassium in potassium iodide crystals containing impurities in the form of heavy elements [with summary in English]. V. V. Murmladze. Trudy Inst. fiz. AN Gruz. SSR 6 168 172 '58.

POTASSIUM METAPHOSPHATES

Properties of potassium metaphosphate. A. Kh. Bromikov, V. K. Veselov. Zhur. prikl. khim. 35 no. 4 709-716 Ap '62.

POTASSIUM NIOBATE CRYSTALS—GROWTH

Some characteristics of the growth of single crystals of potassium niobate and tantalate. V. A. Timofeeva, A. S. Popova. Kristallografiia 7 no. 2, 300-304 Mr-Ap '62.

POTASSIUM NIOBATES

Self-diffusion coefficients of aqueous potassium metaniobate and products of its interaction with oxalic acid [U. Zinkovskii, I. G. Vlasov, A. V. Lapitskii. Vest. Mosk. un. ser. 2 Khim. 17 no. 2 42-46 Mr-Ap '62.

Thermal decomposition of potassium and sodium metaniobates. E. I. Krylov, I. A. Dmitriev, M. M. Strelkina. Zhur. neorg. khim. 7 no. 4 803-806 Ap '62.

POTASSIUM PERCHLORATE

Thermal analysis of the systems $Ca(ClO_4)_2$ - $KClO_4$, $Ba(ClO_4)_2$ - $KClO_4$, $Ca(ClO_4)_2$ - $Ba(ClO_4)_2$. I. I. Chuiflova. Zhur. neorg. khim. 7 no. 4 866 874 Ap '62.

POTASSIUM PERIODATES

Preparation of sodium cerium periodate. I. P. Alimarin, I. V. Puzdrenkova, O. A. Shtriaeva. Vest. Mosk. un. Ser. 2, Khim. 17 no. 2 61-62 Mr-Ap '62.

POTASSIUM SALTS see subdivision under Carpathian Mountain region; Boligorsk; Ukraine, Western

POTASSIUM SULFATE

Coprecipitation of microimpurities during the isothermal stripping of a saturated solution of K_2SO_4. Part 2. Coprecipitation of lanthanum with K_2SO_4. I. V. Melikhov, S. G. Rabotun, V. Mikulai. Radiokhimiia 4 no. 1 7-11 '62.

The hydrothermal method of converting salt-bearing rock of the Ural-Carpathian region into potassium sulfate and other products. B. D. Sharborodus'kyi. Pyt. i ozv. prod. syl Lviv. i Stan. ekon. adm. rai. no. 2 90-93 '61.

POTASSIUM TANTALATE CRYSTALS—GROWTH

Some characteristics of the growth of single crystals of potassium niobate and tantalate. V. A. Timofeeva, A. S. Popova. Kristallografiia 7 no. 2, 300-304 Mr-Ap '62.

POTATO BREEDING

Breeding high-yielding varieties of early potatoes. I. M. Kiper. Agrobiologiia no. 2, 184-187 Mr-Ap '62.

POTATOES

(see also subdivision under Lithuania)

[Advice for the potato grower] Sovety kartofelevodu. Moskva, Izd-vo M-va sel'. khoz. RSFSR, 1960. 193 p. (DA)

From the pages of agricultural journals. Takh. v sel'khoz. 22 no. 4 90 Ap '62.

Prevent sparseness in planting potatoes with tractor mounted planters. Iu. Zinov'ev, A. Chirkunov. Takh. v sel'khoz. 22 no. 4 25-27 Ap '62.

Quantitative change of micro-organisms in the rhizosphere of potatoes. V. I. Mazunina. Trudy Inst. mikrobiol. i virus. AN Kazakh. SSR 5 115-120 '61.

POTATOES—FERTILIZERS AND MANURES

Effective methods of applying fertilizers to potatoes in turf-Podzolic soils with regard to varietal characteristics. N. V. Kozlova. Trudy Vses. inst. sel'khoz mikrobiol. no. 14 174-191 '58.

POTATOES—STORAGE

Antonov, M. V., and Z. M. Gorelik. [Storing potatoes in containers] Khranenie kartofelia v kontenerakh. Moskva, Gos. izd-vo torg. lit-ry, 1961. 50 p. (DA)

POTATOES—VARIETIES see subdivision under Tajikistan

POTENTIAL, THEORY OF

One-particle excitations in a nondegenerate electron gas [with summary in English]. E. K. Kudinov, S. T. Pavlov. Zhur. eksp. i teor. fiz. 42 no. 3 839-845 Mr '62.

Use of Green's functions in the calculation of infrared absorption in ionic crystals. V. S. Vinogradov. Fiz. tver. tela 4 no. 3 713-717 '62.

POTENTIOMETER

Adjustment of the resistance linearity of potentiometer windings according to the standard. A. E. Skuratov. [Trudy] MVTU no. 105 101-119 '61.

Analysis of a potentiometric bridge for a relay-type servomechanism. V. T. Zagorodnii, Iu. P. Slashinov. Trudy NPI 115 35-45 '61.

Improved potentiometers. I. V. Butusov. Priborostroenie no. 3 23-24 Mr '62.

Nature of the deposit on the operating track of platinum potentiometers. P. A. Kishlitsin. Trudy MATI no. 52 85-87 '61.

New trends in the manufacture of precision potentiometers. V. A. Berezentsev. Trudy MATI no. 52 29-32 '61.

Reconditioning the EPP potentiometer for program control. Iu. V. Alekseev. Priborostroenie no. 4 22-23 Ap '62.

Transforming the EPP-09 single-scale potentiometer into a two-scale device. Iu. N. Bochkov, S. M. Serdiuk. Priborostroenie no. 4 22-23 Ap '62.

Using the EPP-9 potentiometer in complement with the ER-3 regulator. N. M. Slin. Priborostroenie no. 4 23 Ap '62.

POTENTIOMETRIC ANALYSIS

Electrochemical separation of titanium-aluminum alloys. V. S. Balikhin, V. A. Reznichenko. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 2 49-55 Mr-Ap '62.

Study of electrochemical transducers for the control of residual cyanide concentrations in the pulp. G. A. Khan, A. S. Kuz'kin. Izv. vys. ucheb. zav.; tsvet. met. 3 no. 2 13-19 '60.

Using a gold electrode as indicator for certain flotation reagents. A. A. Kalmakov. Izv. vys. ucheb. zav.; tsvet. met. 3 no. 2 40-42 '60.

POTTERY

(see also subdivision under Afrasiab, Paykend; Smolensk Province)

Let's touch it! Nikita Voronov. Moskva 6 no. 1 185-192 '62.

POTTERY, DUTCH

The influence of Rembrandt's school on Dutch faience [with summary in French]. O. F. Mikhailova. Trudy Gos. Erm. 6 no. 2 241-249 '61.

POTTERY, PRIMITIVE see subdivision under Novogeorgiyevsk District; Solonyanskiy District; Ukraine, Verkhnyaya Khortitsa District

POTTERY, SOGDIAN

Influence of terracottas on Sogdian pottery of the 7th-8th century [with summary in English]. B. I. Marshak. Trudy Gos. Erm. 5 177-201 '61.

POTTERY, SYRIAN

The tombs of Ashnak [with summary in English]. R. V. Kinzhalov. Trudy Gos. Erm. 5 51-63 '61.

POULTRY

"Development of the embryo of the domestic chicken and its correlation with the yolk and membranes of the egg (with tables of the consecutive stages in its development)" by M. N. Nagovina. Reviewed by V. G. Bekhtina and Z. D. Zemtsova. Arkh. anat., gist. i embr. 42 no. 1 117-120 Ja '62.

In a poultry town. N. Bobneva, B. Chashcharin, IUn. nat. no. 3 23-25 Mr '62.

POULTRY—DISEASES AND PESTS

Observations on the course of the chronic respiratory disease in chickens. IA. R. Kovalenko and others. Veterinariia 37 no. 12 34-42 D '60.

Present state of the problem of poultry leucoses. A. A. Tsion. Veterinariia 37 no. 12 43-47 D '60.

Use of furazolidone in the pullorum disease and paratyphoid fever of poultry. M. T. Prokof'eva and others. Veterinariia 38 no. 1 41-46 Ja '61.

POULTRY—FEEDING AND FEEDS

Effect of protein feeding on age-related changes in digestibility and the utilization of the nutritive substances of food rations. Iu. N. Batluzheva-Kyi, R. I. Pierkova. Vlanyk sil'hosp. nauky 5 no. 3 103-109 Mr '62.

The right way to raise chickens. I. L. Skvortsova. IUn. nat. no. 4 34-35 Ap '62.

POULTRY—PHYSIOLOGY

Karapetian, S. K. [Role of light in the physiological stimulation of the animal organism] Rol' sveta v fiziologicheskoi stimulitatsii zhivotnogo organizma. Erevan, Izd-vo AN Armianskoi SSR, 1961. 131 p.

POUSSIN, NICOLAS, 1594? - 1665

N. Poussin's unpublished painting "The rescue of Zenobie" [with summary in French]. V. K. Gerts. Trudy Gos. Erm. 6 no. 2 274-283 '61.

POWDER METAL PROCESSES

Akademiia nauk URSR, Kiev. Institut metalokeramiky i spetsial'nykh splavov. [Surface phenomena in metals and alloys and their role in powder metal processes] Poverkhnostnye iavleniia v metallakh i splavakh i ikh rol' v protsessakh poroshkovoi metallurgii. Kiev, Izd-vo Akad. nauk USSR, 1961. 213 p.

POWDER METALLURGY—CONGRESSES

All-Union Seminar on the Activated Sintering Powders. N. Z. Pozdniak. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 2 171-175 Mr-Ap '62.

POWER ENGINEERING

"History of power machinery," by I. D. Bel'kind and others. Reviewed by I. P. Zhavoronkova. Vop. ist. est. i tekh. no. 12 221-223 '62.

POWER PLANTS—ABSTRACTS

[Power plants] Ref. zhur. Otd. vyp. 42 Sil. ust. nos. 6-10 Mr-My '62.

POWER PLANTS—DESIGN AND CONSTRUCTION

Communist labor competition of the builders of power plants. Energ. stroi. no. 25 3-7 '61.

POWER PLANTS, ATOMIC see Atomic power plants

POWER PRESSES

New moulds for worm presses. M. N. Karavaev. Khleb. i kond. prom. 6 no. 4 12-15 Ap '62.

Sholekhov, V. A. [Forging with presses] Shtampovka na pressakh. Pod red. A. S. Kon'kova. Moskva, Mashgiz, 1961. 60 p. (Nauchno-populiarnaia biblioteka rabochego kuznetsa, no. 11)

Small pneumatic press. A. A. Novikov. Av. prom. 26 no. 8 91 '57.

POWER RESOURCES

(see also subdivision under Ukraine, Western)

Using electronic calculating machines for analyzing the optimum structure of a promising power balance. IU. A. Kuznetsov and others. Teploenergetika 9 no. 5 3-10 My '62.

POZDNIAKOV, STEPAN

[Book reviews]. Nadezhda Pavlovich. Oktiabr' 38 no. 3 213-214 Mr '62.

PRAGMATISM

V. I. Lenin's critical evaluation of pragmatism [with summary in English, p. 183]. D. I. Dubrovskii. Vop. filos. 16 no. 4, 24-31 '62.

PRAGUE—WORLD WAR, 1939-1945

Liberation of Prague. Voen. znan. 38 no. 4 40 Ap '62.

PRAVDINSK—LABOR AND LABORING CLASSES

Warm heart. Zh. Sokol'skaia. Sov. profsoiuzy 18 no. 2 38-39 Ja '62.

PRAYER BOOKS

Pan'kevych, Ivan. [Marginal notes in Transcarpathian-Ukrainian prayer books supplemented with four monastorial documents. Collected Transcarpathian-Ukrainian proverbs of Ivan IUhasevych from the year 1800] Pokrainí zapysy na zakarpats'ko-ukrains'kykh tserkovnykh knyhakh z dodatkom 4 monastyrs'kykh hramot. Zibrka zakarpats'ko-ukrains'kykh narodnykh prypovidok Ivana IUhasevycha z r. 1809. Prague, Nakladom "Slovanskeho ustavu" v Praze, 1947. 69 p.

PRECAST CONCRETE

Astaf'ev, V. IA., and M. A. Prokhorov. [Automation in the manufacture of precast reinforced concrete] Avtomatizatsiia v proizvodstve sbornogo zhelezobetona. [Penza] Penzenskoe knizhnoe izd-vo, 1961. 61 p.

Prospects for the development of precast reinforced concrete. G. A. Karavaev. Bet. i zhel.-bet. no. 1 1-7 Ja '62.

PRECAST CONCRETE—COSTS

Aid technological progress in the construction industry in every way possible. Den. i kred. 20 no. 4 84-90 Ap '62.

PRECAST CONCRETE—CURING

Gendin, V. IA. [Electrical heating in the manufacture of reinforced concrete elements and blocks] Elektroprogrev v proizvodstve sbornykh zhelezobetonnykh izdelii i blokov. Moskva, Gos. izd-vo lit-ry po stroit. materialam, 1961. 195 p.

PRECAST CONCRETE CONSTRUCTION

(see also subdivision under Uzbekistan)

Assembling prefabricated reinforced concrete elements at the construction of the Dneprodzerzhinsk Hydroelectric Power Station. G. A. Polonskii. Gidr. stroi. 32 no. 4 21-25 Ap '62.

Assembly of the elements of the main building and of the auxiliary structures of the State Regional Electric Power Plant. A. I. Santylov, P. P. Bagaev. Energ. stroi. no. 24 44-56 '61.

PRECAST CONCRETE CONSTRUCTION (Continued)

Extend the use of precast reinforced concrete elements in building thermal electric power plants and hydraulic structures. N. A. Filimonov. Izv. vys. uchcb. zav., stroi. i arkhit. 5 no. 1 204-2-7 '62.

General construction work on the main building G. F. Smirnov. Energ stroi no 21 56-60 '61

Kolotilkin, B. M. [Economics of large-panel and large-block construction (basic problems)] Ekonomika krupnopanel'nogo i krupnoblochnogo stroitel'stva (osnovnye voprosy). 2, izd., perer. i dop. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 182 p

Sectional reinforced concrete construction of ship-raising slips N. Burin, A. Brosalin Rech transp 21 no 4: 37-38 Ap '62

PRECAST CONCRETE CONSTRUCTION—CURING

Maliugin, V. I. [The economics of using precast reinforced concrete in construction] Ekonomika primeneniia sbornogo zhelezobetona v stroitel'stve. Izd. 2., dop i ispr. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1962. 213 p.

PRECIOUS METALS

Behavior of gold and silver in the oxidation zone of sulfide deposits. N. G. Tiutin, I. A. Kakovskii Izv. vys uchcb. zav., tsvet. met. 3 no. 2:6-13 '60

PRECIOUS STONES, ARTIFICIAL see subdivision under Kirovakan

PRECIPITATION (CHEMISTRY)

Coprecipitation of traces of indium with basic copper salts from a copper nitrate solution and with zinc sulfide from a zinc sulfate solution V. T. Chuiko, N. P. D'iachenko Zhur neorg khim 7 no 4:910-914 Ap '62

Mechanism of the formation of precipitation chromatograms on ion exchange resins E. S. Bolchinova, V. B. Aleskovskii. Trudy I TI no 48 133-142 '58

Methods of concentrating traces of zinc by coprecipitation V. T. Chuiko, N. P. D'iachenko. Zhur neorg. khim 7 no 4:903-909 Ap '62

Particular features of the iodate precipitation of thorium and titanium subgroup elements from scandium-containing solutions. M. L. Nevianovich, A. S. Cherniak Zhur prikl khim. 35 no 4 730-735 Ap '62.

PREDNISONE

Use of prednisone in some urological diseases [with summary in English] M. E. Mebel' Urologiia no 2,28-32 '62

PREFABRICATED BUILDINGS see Buildings, Prefabricated

PREFERRED NUMBERS

Selecting a normal series of basic dimensions for centrifugal fans. A. G. Bychkov Prom aerodin no 21 116-150 '62.

PREGNANCY

Dynamics of the blood pressure of pregnant women according to data from the Semipalatinsk Maternity Home during 1954 to 1955 L. Kazakova, L. Penner, M. Ospanova Trudy Semipal. med. inst 2 193-201 '59.

Effect of the ketone of palmitic acid on the estrous cycle and pregnancy. IE. S. Detiuk, V. S. Baranov. Ped., akush. i gin 23 no. 6:58-60 '61.

Morphology and histochemistry of formed smooth human chorion during the course of normal pregnancy and in hydramnios [with summary in English] V. N. Kytmanov Arkh. anat., gist. i embr. 42 no. 1:54-59 Ja '62.

Treatment of ascariasis in pregnant women with oxygen. N. M. Leusenko Ped., akush i gin 23 no 3:60-61 '61

PREGNANCY—SIGNS AND DIAGNOSIS

Male lake frogs (Rana ridibunda) for pregnancy diagnosis in mares. V. M. Samsonova. Veterinariia 37 no. 10:66-67 O '60.

PREGNANCY, COMPLICATIONS OF

Acute ischemia of the retina in pregnancy. M. N. Krol' Oft. zhur no 2:78-81 '62.

Cancer of the cervix uteri and pregnancy. E. Z. Rabinovich Sbor. nauch rab. Kaf. akush i gin GMI no 1, 209-211 '60

Case of phlegmonous calculous cholecystitis complicated by choleperitoneum in 40-week pregnancy. IU. M. Ditman Khirurgiia 37 no. 7:132-133 Jl '61.

Clinical evaluation of the use of magnesium sulfate aerosols in late pregnancy toxemias. I. M. Tutova. Sbor. nauch. rab. Kaf. akush. i gin. GMI no. 2 45-48 '60.

Course of Landry's paralysis in pregnant women V. A. Gusev, P. IA. Semenova. Sbor nauch rab. Kaf akush. i gin GMI no. 2:69-71 '60.

Course of nephropathy in pregnant women and its late sequelae. N. P. Mikhailova. Sbor. nauch. rab. Kaf. akush. i gin. GMI no. 2 24-28 '60.

Course of the postoperative period in cesarean section in patients with late pregnancy toxemias A. I. Burkhanov. Sbor. nauch. rab. Kaf. akush. i gin GMI no. 1:62-64 '60.

Effect of hyperthyroidism in pregnancy on the development of fetal spinal cord structures [with summary in English]. N. G. Palenova. Biul. eksp. biol. i med. 53 no. 4:111-115 Ap '62.

Effect of nephropathy in pregnant women on the fetus and newborn infant A. N. Korolev Sbor nauch rab Kaf akush i gin GMI no 2 39-40 '60

Epilepsy and pregnancy V. A. Gusev Sbor nauch rab Kaf akush i gin GMI no 1 56-58 '60

Epilepsy first appearing during pregnancy V. A. Gusev Sbor nauch rab Kaf. akush i gin GMI no 1 53-55 '60

Frequency of occurrence and seasonal distribution of late pregnancy toxemia in a dry subtropical climate S. U. Umarova Zdrav Tadzh 9 no 1 30-32 Ja-F '62

Magnesium content in the blood serum following the administration of a magnesium sulfate aerosol by inhalation and intramuscular methods in treating late pregnancy toxemias I. M. Tutova. Sbor nauch rab Kaf. akush i gin GMI no 2 49-51 '60

Multiple sclerosis and pregnancy V. A. Gusev Sbor nauch rab Kaf akush i gin GMI no 1 42-43 '60

Plethysmography and pneumography in toxemias of the second half of pregnancy treated with magnesium sulfate aerosols P. V. Pankova Sbor nauch rab Kaf akush. i gin GMI no. 2 41-44 '60

Protein fractions in women with late toxicoses of pregnancy IE. P. Hrichennikov Ped., akush i gin 23 no 3:61 '61

Rare case of cancer of the cervix [and] corpus uteri and pregnancy A. M. Mineeva. Sbor nauch rab. Kaf akush. i gin GMI no. 1 212 '60

Spinal cord tumor and pregnancy V. A. Gusev Sbor nauch rab. Kaf. akush. i gin. GMI no 1 50-52 '60

Treatment of early pregnancy toxemias with bromine-caffeine therapy G. A. Kalashnikova Sbor. nauch rab Kaf akush. i gin GMI no 2 52-55 '60

Treatment of infected postnatal ulcers, perineal ruptures, and necrosis of the cervix uteri in parturients with citral N. M. Osnos Ped., akush i gin 23 no 3,59-60 '61

Treatment of late pregnancy toxemias with magnesium sulfate aerosols, preliminary report P. V. Pankova, I. M. Tutova Sbor nauch rab. Kaf. akush i gin GMI no 1 59-61 '60

Treatment of puerperal thrombophlebitis with anticoagulants A. D. Isaleva Ped., akush i gin 23 no 3 48-50 '61

Treatment of tuberculous meningitis in pregnant women V. A. Gusev. Sbor nauch. rab. Kaf akush i gin GMI no 2 72-74 '60

"Twins (essays on the problems of multiple pregnancy)" by I. I. Kanaev, Reviewed by L. N. Zhinkin Arkh. anat., gist i embr. 40 no 5 108-110 My '61.

Two cases of acute encephalitis in pregnant women. V. A. Gusev Sbor. nauch. rab Kaf akush. i gin GMI no. 1 44-49 '60

PREGNANCY, EXTRAUTERINE

Aleksandrov, M. S., and L. F. Shinkareva. [Extrauterine pregnancy] Vnematochnaia beremennost', Moskva, Medgiz, 1961. 218 p. (DNLM)

Extrauterine pregnancy according to data from the Gynecology Department of the Gorkiy City Hospital No. 29 G. L. Averbukh Sbor. nauch. rab. Kaf. akush. i gin GMI no 1 193-195 '60.

Tubal, ampullar and interstitial pregnancy I. M. Durbanov. Sov med 25 no 1:83-85 Ja '62.

Two cases of abdominal pregnancy diagnosed as tumor of the abdominal cavity. V. T. Smol'kov Zdrav Kazakh. 22 no. 2:75-76 '62.

PREHISTORIC MAN see Man, Prehistoric

PREOBRAZHENSKII, VASILII NIKOLAEVICH, 1881-

Vasilii Nikolaevich Preobrazhenskii, on his 80th birthday. Vest. oft. no. 2:85 '62.

PRESCHOOL EDUCATION see Education, Preschool

PRESS

(see also subdivision under Belgium; Czechoslovakia; Germany, West; Tanganyika, Ukraine)

Brief news. Sov. pech. no. 2,63 F '62.

Chronicle Sov. pech. no. 4-63 Ap '62.

The dawn of a great year. Sov. pech. no. 4:1-3 Ap '62.

Editor's mail. Sov. pech. no. 3 44-45, 56-57 Mr '62.

Ivanova, R. A. [The party and the Soviet press during the years of the second five-year plan, 1933-1937] Partiinaia i sovetskaia pechat' v gody vtoroi piatiletki, 1933-1937; lektsiia. [Moskva] Izd-vo Mosk. gos. univ., 1961. 73 p.

With our friends. Sov. pech. no. 2:61 F '62.

PRESS PHOTOGRAPHERS see News photographers

PRESSING OF GARMENTS

Use of wire pads for preventing shine in wet-thermal treatment of fabrics. A. M. Shpaer, V. V. Bernatskaia. Shvein. prom. no. 1:16-18 Ja-F '62.

PRESSING OF GARMENTS—EQUIPMENT AND SUPPLIES

Modernization of "GPS-e" presses. A. P. Kondrat'ev, B. E. Oksenkrug. Shvein. prom no. 2:33-34 Mr-Ap '62.

PRESSURE GAUGES

Device for measuring pressure when testing gas pipes. F. V. Kotovich. Stroi. truboprov. 6 no. 11:23-24 N '61.

In the factories. Prom. energ. 17 no. 4:46-47 Ap '62.

PRESTRESSED CONCRETE

Evgrafov, G. K., and others. [Prestressed bridge girders with stretching of the reinforcement before the concrete is placed] Predvaritel'no napriazhennye balochnye proletnye stroeniia mostov s napriazheniem armatury do betonirovaniia. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1962 282 p.

PRESTRESSED CONCRETE CONSTRUCTION

Monoszon, A. I. [Wide-span, precast, prestressed, reinforced concrete galleries] Bol'sheproletnye sbornye predvaritel'no napriazhennye zhelezobetonnye galerei. Leningrad, Gos izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1962. 250 p

PRIANISHNIKOV, DMITRII NIKOLAEVICH, 1865-1948

D. N. Prianishnikov and agricultural science N. A. Maisurian Vest sel'khoz nauki 7 no. 2 26-31 F '62.

PRICE MAINTENANCE

How to determine weighted mean prices. O. Naumovich, Obsluchest. pit. no. 3:40-44 Mr '62.

PRICES

Wholesale prices of manufactures and their functions S. A. Khodas Vestsi AN BSSR. Ser. hram nav no 1: 17-27 '62

PRIESTLEY, JOHN BOYNTON, 1894-

John Boynton Priestley and contemporary English dramaturgy [with summary in English]. N. IA. D'iakonova. Vest. LGU 17 no. 8:99-110 '62.

PRILUKI—LABOR COURTS

We should help fellow workers' courts in every possible way. H. Bokhonnyi. Rad. pravo no. 2:51-52 Mr-Ap '62.

PRIMITIVE RELIGION see Religion, Primitive

PRINTED CIRCUITS

Manufacturing printed circuits of foiinted paper-filled phenolformaldehyde resin by means of the raster-electrical method V. S. Loktaev, V. P. Milovanov Trudy MATI no. 52 73-79 '61

A simple method for obtaining mounting plates. V. Bortsenov. Radio no. 4:53 Ap '62.

PRINTERS

(see also subdivision under Poland)

Brief news. Poligr. proizv. no. 11:32 N '61.

PRINTING see subdivision under Ukraine

PRINTING—HISTORY

Fourth centenary of Russian printing. A. A. Sidorov Kniga, Issl i mat 5:189-193 '61

PRINTING INDUSTRY

(see also subdivision under Minsk, Soviet Far East)

Delegates to the 22d Congress of the CPSU speak. A. IA. Molin and others. Poligr proizv. no. 11:3-4 N '61.

Equipment and techniques for preparing publishers' typewritten copies. A. I. Kolosov. Poligr. proizv. no 11 13-14 N '61.

The future belongs to the typewritten copy. A. I. Kontorovich. Poligr. proizv. no. 11:14-15 N '61.

Let's introduce continuous production more boldly in printing A. M. Kliarkhin. Poligr. proizv. no. 11:16-18 N '61.

Let's introduce mechanization and automation of the flow of goods more widely. I. IU. Vaintraub. Poligr. proizv no. 11:18-21 N '61.

Let's put into practice the decisions of the 22d Congress of the CPSU. Poligr. proizv no. 11, 1-3 N '61.

Organization troubles impede the introduction of the typewritten copy. S. A. IUrovskii. Poligr. proizv. no. 11: 16 N '61.

"Rearmament" of local printing. L. Grushko. Sov. pech. no. 2:60 F '62.

Results of the conversion according to the price-list draft. V. M. Ignatovich. Poligr. proizv. no. 11:9-11 N '61.

Some remarks concerning the draft for a new price list. N. I. Spikhnulin. Poligr. proizv. no. 11:7-9 N '61.

Specialization and cooperation are themost important conditions for technical progress. G. F. Shaposhnikov. Poligr. proizv. no. 11:5-6 N '61.

PRINTING INDUSTRY—BIBLIOGRAPHY see Bibliography—Printing industry

PRINTING INDUSTRY—EQUIPMENT AND SUPPLIES

[Equipment and technology of the printing industry] Ref zhur. Otd. vyp. 37: Obor i tekh. poligr. proizv. nos. 7-8 Ap '62.

PRINTING INDUSTRY—HYGIENIC ASPECTS

Periodic medical examinations of workers engaged in hand setting in typography. L. L. Al'pern, V. G. Khoterko, O. M. Gurevich Gig. i san 26 no 5 66-69 My '61

PRINTING MACHINERY AND SUPPLIES

"BMD-2" smashing machine. K. V. Rosatkevich. Poligr. proizv. no. 11:21-22 N '61.

New design for the drying cabinet for matrices. V. T. Sidoruk. Poligr. proizv. no. 11:23-24 N '61.

New developments in foreign printing. Poligr. proizv. no. 11:26-29 N '61.

PRINTING PLANTS—LIGHTING see subdivision under Kazakhstan

PRINTING PLATES
Device for chrome plating offset plates. A. N. Koshelev Poligr. proizv no 11,23 N '61.

PRIOROV, NIKOLAI NIKOLAEVICH, 1885-1961
Prof. N. N. Priorov. Klin. med. no. 8 157-158 '61.

PRIOZERNYY DISTRICT—SOCIAL GROUP WORK
"Their words and their deeds." Sov. deput. trud. no. 4:81 Ap '62

PRISONS
Belnev, N. A. [Public inspection of corrective labor colonies and reformatories] Obshchestvennyi kontrol' za deiatel'nost'iu ispravitel'no-trudovykh uchrezdenii i sovpitatel'nykh kolonii. Moskva, Gosiurizdat, 1962. 71 p.

PRIVATE LIBRARIES see Libraries, Private

PROBABILITIES
Concerning the determination of reserves for systems with multiple action. A. D. Solov'ev. Izv. AN SSSR. Otd. tekh. nauk. Energ i avtom. no. 2:121-129 Mr-Ap '62.
Gnedenko, B. V., and A. IA. Khinchin. [Elementary introduction into the probability theory] Elementarnoe vvedenie v teoriiu veroiatnostei. Izd. 5. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 143 p.
Ventsel', E. S. [Probability theory] Teoriia veroiatnostei. Izd. 2., perer. i dop. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1962. 564 p.
[MICROFILM]

PROBATION see subdivision under Estonia

PRODUCE TRADE
(see also subdivision under Hungary; Ryazan Province)
Determining the volume of the purchases of agricultural products from collective farms. A. A. Pronin. Och. po ovoshch., sovr. i zarub. ekon. no. 2:173-201 '61.
"State procurement of agricultural products from collective farms" by I. N. Bukhovkina. Reviewed by A. V. Bondin. Sov. gos i pravo 32 no. 5:151-153 My '62.

PRODUCTION-LINE METHODS see Assembly-line methods

PRODUCTION STANDARDS
(see also subdivision under Vologda Province)
Belov, E. N. [Practical manual for the establishment of technical norms] Prakticheskoe rukovodstvo po tekhnicheskomu normirovaniiu truda. Pod red. P. F. Petrochenko. Moskva, Gos. izd-vo mestnoi promysbl. i khudozh. promyslov RSFSR, 1961. 193 p.
Ensure unity in establishing work norms. P. Petrochenko. Sots. trud 7 no 1 69-70 Ja '62.
From practice in establishing norms. Sots. trud 7 no. 1 86-95 Ja '62.
Moscow. Nauchno-issledovatel'skii institut truda. Organization of work and establishing work norms in industrial enterprises] Organizatsiia i normirovanie truda na promyshlennykh predpriiatiiakh. Pod obshchei red. P. F. Petrochenko. Moskva, Izd-vo ekon. lit-ry, 1962. 295 p.
Petrochenko, P. F. [Establishing work norms in the enterprise] Kak normirovat'sia trud na predpriiatii. Moskva, Gos. izd-vo polit. lit-ry, 1961. 62 p. (Ekonomicheskie znaniia - rabochim)
"Principles of establishing work norms in an industrial enterprise" by A. D. Gul'tsov. Reviewed by I. Liannikov, G. Kholodnaia, E. Sherman. Sots. trud 7 no. 1:155-159 Ja '62.
Tolstykh, A. S. [Organization and establishing work norms in an industrial enterprise] Organizatsiia i deklatricheskoe normirovanie truda na promyshlennom predpriiatii. Moskva, Izd-vo ekon. lit-ry, 1962. 60 p. (Ekonomicheskoe samoobrazovanie)

PROFIT—ACCOUNTING
Analyzing the fulfillment of a plan for turnover tax and profit. I. Perel'berg. Bukhg. uchet 10 no. 3:8-15 Mr '62.

PROGERIA
Clinical aspects of progeria. IE. M. Vitebskyi. Ped., akush. i gin. 23 no. 6:26-28 '61.

PROGRAMMING (ELECTRONIC COMPUTERS)
Concerning the conversion of programing networks and their uses in programming. R. I. Podlovchenko. Prob. kib. no. 7:161-166 '62.
Concerning the programming of a music composition process. R. Kh. Zaripov. Prob. kib. no. 7:151-160 '62.
Mosaic method of preparing programs for the calculation of an electron-photon cascade by means of an electronic computer using the Monte Carlo method [with summary in English]. V. V. Chavchanidze, R. S. Shaduri, V. A. Kumsishvili. Trudy Inst. fiz. AN Gruz. SSR 6: 59-95 '58.
Principles of the organization and the use of a library of programs. G. I. Kozhukhin, N. M. Nagornyi, I. V. Pottosin. Vych. mat no. 7:161-169 '61.
Programming device with dekatrons. B. E. Paton, V. S. Gavrilin, Iu. S. Goroletskii. Avtom. svar. 15 no. 5: 1-4 My '62.

PROGRAMMING LANGUAGES (ELECTRONIC COMPUTERS)
Algorithm for the solution of the transportation problem by an approximation with conditionally optimal plans. A. L. Lur'e. Vych. mat no. 7 151-160 '61.
Conference on structural linguistics devoted to problems of the transformation method. Izv. AN SSSR. Otd. lit i iaz. 21 no. 2:188-192 Mr-Ap '62
Vital objectives of structural linguistics. S. K. Shaumian. Izv. AN SSSR Otd. lit i iaz. 21 no. 2:103-111 Mr-Ap '62

PROIMIN, KONSTANTIN
"Night bonfire", stories by K. Proimin. Reviewed by V. Shishov. Moskva 5 no. 9:218-219 '61

PROJECTIVE GEOMETRY see Geometry, Projective

PROJECTORS
Projection magnifying lens. IA. Vinnichenko. Shkola i proizv. 6 no. 4:82-84 Ap '62

PROKOF'EV, SERGEI SERGEEVICH, 1891-1952
Prokof'ev, S. S. [Reference guide to the composer's works] Notograficheskii spravochnik. Sost. S. Shlifshtein. Moskva, Sovetskii kompozitor, 1962. 167 p.

PROKOP'YEVSK REGION—COAL MINES AND MINING
Clay breakthroughs in mining. A. P. Andrianov and others. Izv. vys. ucheb. zav., gor. zhur. no. 4:15-16 '61

PROLIFICATION
Changes in the amino acid composition of leaves in prolific corn plants. V. O. Kazarian, K. A. Kurapetian. Dokl. AN Arm. SSR 34 no. 2:89-92 '62.

PROMEDOL
Anesthesia in labor using promedol. K. V. Ponkratova. Sbor. nauch. rab. Kaf. akush. i gin GMI no. 2:56-59 '60.
Anesthesia in labor with promedol and isopromedol in connection with psychoprophylactic preparation. N. T. Khanyz. Ped., akush. i gin. 23 no. 6:17-19 '61.
Effect of promedol and morphine on urination [with summary in English]. E. B. Berkhin. Farm. i toks. 25 no. 1:82-86 Ja-F '62.

PROPANE
High-temperature alkylation of isobutane and propane by ethylene. I. L. Kotliarevskii, A. N. Volkov, S. F. Vasilevskii. Trudy Vost.-Sib. fil. AN SSSR no. 38 149-151 '61.
Impurities in diphenylpropane. A. S. Balova and others. Lakokras. mat. i ikh prim. no. 1:71-72 '62.

PROPELLERS
Physical nature of the "wound of rotation" of a ship's propeller in the presence of cavitation. I. A. Aleksandrov. Akust. zhur. 8 no. 1 34-41 '62
Safety zone for the maneuvering of triple-screw ships. N. Solarev. Rech. transp. 21 no. 4:39-40 Ap '62.

PROPELLERS—HYDRODYNAMICS
Determining forces and moments produced on a propeller. I. IA. Miniovich. Sudostroenie 28 no. 1 10-12 Ap '62

PROPENE
Compatibility of polymers of the system polyethylene - polypropylene [with summary in English]. N. V. Mikhailov and others. Vysokom. soed. 4 no. 2:237-241 F '62.
Degradation and linking of polypropylene under the action of peroxides [with summary in English]. R. Rado, D. Shimunkova, L. Maliak. Vysokom. soed. 4 no. 2:301-311 F '62.
Radiative-chemical sulfochlorination of polyisobutylene. R. V. Dzhagatspanian, V. I. Zetkin, V. S. Fedichenko. Plast. massy no. 5:6-9 '62.
Svetkin, Iu. V. [Ethylene and propylene polymers] Polimery na osnove etilena i propilena. Moskva, Ob-vo po rasprs. polit. i nauchn. znanii RSFSR, 1961. 30 p.

PROPENE—TOXICOLOGY
Toxicological characteristics of the tetramer of propylene. E. R. Uzhdavini. Gig. truda i prof. zab. no 4 48-49 '62.

PROPERTY
Kriukelis, Lionginas. [Two forms of socialist property and the way for eliminating the difference between them] Dvi socialistines nuosavybes formos ir ju suartejimo keliai; XXII TSKP suvaziavimui. Vilnius, Politines ir mokslines literaturos leidykla, 1961. 44 p. [In Lithuanian]

PROPIONALDEHYDE
Chemistry of acetals. Report No. 11. Certain reactions of β-ethoxyacrolein and β,β-ethoxypropionaldehyde. L. A. IAnovskaia, V. F. Kucherov, B. G. Kovalev. Izv. AN SSSR, Otd. khim. nauk no. 4:674-681 Ap '62.

PROPIONIC ACID
Effect of propionic acid and its calcium salt on the growth of mold fungi. A. Z. Kamaletdinov. Mikrobiol. zhur. 23 no. 4:19-22 '61.
Stability of Si-R bonds in γ-silicon organic acids. Methyldi (amyl)silylpropionic acid. D. N. Andreev, B. N. Dolgov, S. V. Buts. Zhur. ob. khim. 32 no. 4:1275-1277 Ap '62

Study of complex formation of zirconium with α- and β-aminopropionic acids in nitric acid solutions by a method involving extraction. A. S. Solovkin, Z. N. Tsvetkova, N. S. Povitskii. Zhur. neorg. khim. 7 no. 4:937-939 Ap '62.

PROPORTIONING EQUIPMENT
Automatic low capacity proportioning device for liquids. B. F. Dul'skii and others. Khim. prom. no. 3 214-215 Mr '62
Exchange of experience. Zav. lab. 28 no. 3:380 '62

PROPYL ALCOHOL
Alkylation of aromatic compounds by alcohols. Part 17. Reactions of propyl and butyl alcohols with benzene. I. P. Tsukervanik, G. Kh. Khakimov. Zhur. ob. khim. 32 no. 4:1296-1301 Ap '62

PROSPECTING
(see also subdivision under Don Valley, Siberia, Ukraine; Volga Valley)
Additional prospecting for oil layers by means of hydrodynamic studies (hydrogeological prospecting). I. G. Stepin, G. M. Udin. Geol. nefti i gaza 6 no. 3 48-49 Mr '62
Basic problems of the geologic study of mineral resources in central regions of the Russian Platform. I. N. Leonenko. Sov. geol. 5 no. 3 40-45 Mr '62
Forthcoming Fifth Plenum of the Trade Union of Prospecting Workers. Razved. i okh. nedr. 28 no. 3 1-5 Mr '62.
Hydrothermally altered rocks of the Akatuyevskoye lead-zinc deposits (eastern Transbaikalia) and their prospecting significance. G. G. Kochin. Trudy VSEGEI 60,161-169 '61
Prospecting for local structures by geomorphological methods in the Bukhara-Khiva oil-bearing region. L. P. Polkanova, N. M. Rozanov. Geol. nefti i gaza 6 no. 3,46-47 Mr '62.
Prospectors pass judgement on the activity of the central committee of their trade union. A. I. Smirnov. Razved. i okh. nedr. 28 no. 3 50-51 Mr '62
Regional studies of the subsurface geology of closed and partly closed territories. N. A. Beliaevskii, A. V. Grigor'ev, V. I. Feduk. Sov. geol. 5 no. 3 23-39 Mr '62.
Research methods in prospecting for boron deposits in Tajikistan. M. Z. Kantor. Trudy AN Tadzh. SSR 104 no. 1:149-157 '59.
Using the sluicing method in prospecting. S. N. Popenko. Uzb. geol. zhur. 5 no. 2,59-62 '62

PROSPECTING—EQUIPMENT AND SUPPLIES
Digging prospecting trenches with D-254 plow-type trench digger. I. S. Bredikhin and others. Razved. i okh. nedr. 28 no. 3 19-21 Mr '62

PROSPECTING—GEOPHYSICAL METHODS
(see also subdivision under Kuybyshev Province; Tashkent region)
In the session of the Council of Geological Testimony on the geophysics in mining. A. S. Shirikov, M. G. Evteev. Sov. geol. 5 no. 3:163-164 Mr '62
Kultyrova, V. A., and N. S. Kultyrev. [Minerals and methods of searching for them] Poleznye iskopaemye i metody ikh poiskov. Moskva, Izd-vo "Znanie," 1961. 37 p. (Narodnyi universitet kul'tury. Estestvenno-nauchnyi fakul'tet, no. 30)
Method of studying the Moscow syneclise. D. P. Kasatkin. Geofiz. razved. no. 6 84-86 '61.
Ozernoye pyritic copper deposit in the Southern Urals. I. P. Pastukhov. Razved. i okh. nedr. 28 no. 4:13-15 Ap '62.

PROSPECTING—SAFETY MEASURES
For all-out sanitation and improvement of working conditions. F. F. Kazarinov. Razved. i okh. nedr. 28 no. 1 51-54 Ap '62.

PROSPECTING—STUDY AND TEACHING
Problems in and importance of teaching prospecting for mineral deposits. V. M. Kreiter. Izv. vys. ucheb. zav., geol. i razv. 5 no. 3:3-9 Mr '62.

PROSTATE GLAND—CANCER
Transrectal biopsy of the prostate as a method for the early diagnosis of prostatic cancer [with summary in English]. B. S. IAkubson. Urologiia no. 6:34-36 '61.

PROSTATE GLAND—SURGERY
Intraosseous pelvic anesthesia in prostatectomy. IA. P. Meiomed. Zdrav. Kazakh. 22 no. 2:19-22 '62.

PROSTATE GLAND—TUMORS
Recurrent prostatic adenomas following suprapubic transvesical adenomectomy [with summary in English]. Kh. P. Blainot. Urologiia no. 6:29-34 '61.

PROSTHESIS
(see also subdivision under Moscow, Smolensk; Ul'yanovsk Province)
After our intervention. Sots. obesp. 23 no. 4:93 Ap '62.
Aid payments while undergoing prosthesis. K. Stepanov. Okhr. truda i sots. strakh. 5 no. 4:36 Ap '62.
Let's increase the patient turnover in hospitals. A. Rabinovich. Sots. obesp. 23 no. 5:48-52 My '62.

PROTACTINIUM

Separation of protactinium from zirconium, titanium, and niobium by the chromatographic method R A D'iachkova, Vikt.I Spitsyn, P P Nazarov Radiokhimiia 1 no 1 89-94 '62

State of protactinium in aqueous solutions Part 6 Adsorption properties of protactinium I F Starik, L D Sheidina, L I Il'menkova Radiokhimiia 4 no 1 44-19 '62

PROTARGOL

Amperometric titration of silver in collargol and protargol. M.K.Abramov. Apt.delo 11 no.1 41-46 Ja-F '62.

PROTECTIVE ATMOSPHERES

Analyzer of inert gas purity V T. Nashempa, V I. Lakomskii Avtom. svar. 15 no 5 89-91 My '62

Centralized feeding of carbon dioxide to welding posts E S Volnov Svar proizv no 4 36-38 Ap '62

PROTECTIVE CLOTHING *see* Clothing, Protective

PROTECTIVE COATINGS

Anticorrosive coating based on the ftorlon lacquer T.N. Nikolaeva, Z.M.Labetskaia. Plast massy no.1 67-69 '62.

Destruction of the film-forming matrix of antifouling paints by marine organisms M A Dolgopol'skaia, A.Z.Shapiro, IU A Gorbenko Trudy SBS 14 303-308 '61.

Determination of optimum conditions for the drying of paint coatings M I Verba, V I Leonchik, L L. Pavlovskii Izv. vys. ucheb zav., energ. 5 no 3 76-80 Mr '62.

Heat-resistant paint-and-varnish coats. V.V.Chebotarevskii. Lakokras.mat.i ikh prim. no.1 40-44 '62.

Inhibitor-containing coatings, their preparation and results of their testing S. A Balezin Uch zap MGPI no. 146 5-24 '60

Investigating butyl methacrylate and epoxide enamel coatings under conditions of high humidity and high temperature. M.I.Kariakina, S.V.IAkubovich. Lakokras.mat.i ikh prim. no 1 49-52 '62.

New types of polymer coatings and adhesives. A. A. Blagonravova, D. A. Kardashev. Zhur. VKHO 7 no 2 187-194 '62.

Organosols and plastisols. O.A.Sadovskaia. Lakokras. mat.i ikh prim. no.1,90-91 '62.

Paint materials based on modified epoxide resins. Report No.2. Coatings based on epoxy resins modified by diisocyanates. V.V Zhebrovskii and others. Lakokras. mat.i ikh prim. no.1;3-8 '62.

Polyurethan coating based on hydroxyl-containing linear high polymers. G.IA.Terlo, L.S.Baseva. Lakokras. mat.i ikh prim. no.1,8-11 '62.

Preparation of gastight graphite materials in thermal treatment in the atmosphere of hydrocarbons. P A Tesner, I. M. Timofeeva. Khim. prom. no. 3 204-208 Mr '62.

Preparation of steel surfaces of equipment to the application of protective coatings. P. P. Levaniuk Khim. volok. no. 2,64 '62.

Protecting the brickwork of marine combustion chambers by andesite-basalt. L I Koren', A. M. Struchkov. Sudostroenie 28 no 4 64-65 Ap '62

Protection of pulp extractors with inhibitor containing coatings G B. Rotmistrova, S. A. Balezin, N. I. Kuznetsova Uch. zap MGPI no 146 217-223 '60

Simplified design of an apparatus for corrosion testing by the alternating immersion of samples coated with paint materials. L.N.Semenov, A.P.IAroshenko. Lakokras. mat.i ikh prim. no.1 73-74 '62.

Use of synthetic film materials for protecting components from moisture. L. I. Aleksandrova, I. M. Erlikh. Izv. vys. ucheb. zav., energ 5 no. 3,34-38 Mr '62.

PROTECTIVE COATINGS—TESTING

Effect of the geometry of the cross section of section sets on the stability of protective coatings. B.N.Bobrov. Vest.mash. 42 no.4;55-56 Ap '62.

Protective coatings in corrosion testings S. A. Balezin, V. V. Romanov, N. I. Podobaev Uch. zap MGPI no 146 193-198 '60.

PROTEIN METABOLISM

Characteristics of protein metabolism and the reactivity of the body in lupus erythematosus. T. A. Glavinskaia and others. Vest. derm. i ven. no. 4;8-14 '62.

Correlation of the intensity of protein and nucleic acid metabolism and mitotic activity during the proliferation and differentiation of the epidermis [with summary in English]. A. A. Zavarzin. Arkh. anat. gist. i embr. 40 no. 5;18-26 My '61.

Protein metabolism in hypertension. K. Z. Tatimova. Zdrav. Kazakh. 22 no. 2;28-31 '62.

Residual proteins in nuclei of normal and tumor cells. I. B. Zbarskii, L. P. Ermolaeva, N. P. Dmitrieva. Vop. med. khim. 8 no. 2;218-221 Mr-Ap '62.

PROTEINS

Activating effect of products of milk protein hydrolysis formed by proteolytic strains of bacteria on the development of Str. lactis. L. A. Liberman. Mikrobiol. zhur. 23 no. 8;54-59 '61.

Breakdown and rebuilding of protein structures [with summary in English]. V. A. Kargin and others. Vysokom. soed. 4 no 2,167-173 F '62.

Cytochemical analysis of the nature of the bond of ribonucleic acid with proteins in the cells of normal tissues and malignant tumors [with summary in English] G I. Roskin, E S Kirpichnikova. Arkh anat gist. i embr. 40 no. 5 27-33 My '61

Effect of nerve isolation on some muscle protein indices following the application and removal of a hemostatic tourniquet [with summary in English]. A A. Novikova Biul eksp. biol i med 3[i e, 53] no 3 43-45 Mr '62

Effect of nutritional protein deficiency on the general distribution of Gartner's paratyphoid microbes after their intracutaneous introduction in an experiment [with summary in English] A. P. Moroz Pat. fiziol i eksp. ter ap 5 no 6;33-35 N-D '61.

Protein and vitamin deficiencies as factors in animal diseases. IA. I Kleinbok, V M Petrov, K. N Petrov Trudy AZVI 9 121-138 '56.

Protein fraction, lipoprotein and glycoprotein content of the blood serum in cancer of the stomach and intestines according to electrophoretic data. M. V. Budianskii Med zhur Uzb no 2 66-70 F '62.

Role of nucleic acids in the synthesis of cell proteins [with summary in English] P V. Makarov Arkh anat., gist i embr 40 no 5 3-17 My '61.

Stepanov, V. N. [Key to the solution of the protein problem] Kliuch k resheniiu belkovoi problemy. Moskva, Izd-vo "Znanie," 1962. 47 p. (Novoe v zhizni, nauke, tekhnike. Seriia 5 Sel'skoe khoziaistvo, no. 2)

Variation in the protein fractions of corn seeds during germination [with summaries in English, German, and French]. M E Pronin, A. P Pavlova Vest. sel'khoz nauki 7 no 1 61-67 Ja '62

PROTEUS

Observations on the joint action of perfringens toxin and Proteus culture centrifugate in animal experiments [with summary in English] IU. I Doncts Zhur. mikrobiol., epid. i immun. 33 no 3,108-112 Mr '62.

Significance of the association of Enterococcus and proteus in the development of suppurative inflammatory processes (experimental studies). A. V Folitants. Med zhur Uzb no. 2,33-35 F '62.

PROTHROMBIN

Prothrombin test as an indicator of liver function in diabetes mellitus S. P. Serebrianaia. Trudy Semipal. med inst 2 277-283 '59

PROTONS

Aripov, R. A., and others. [Charge-exchange in 7 to 8 Bev. π^--mesons on protons] O perezariadke π^-- mezonov s energiei 7-8 Bev na protonakh. Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 7 p. [With summary in English]

Fission of Al, Mo, and W nuclei by 660 Mev protons V. A. Botvin Trudy Inst. iad. fiz. AN Kazakh. SSR 5 65-82 '62.

Ionization of gases by fast hydrogen atoms and protons [with summary in English]. E. S. Solov'ev and others. Zhur eksp. i teor fiz 42 no 3 659-668 Mr '62

Kazarinov, IU. M., and IU. N. Simonov. [Neutron-proton scattering at a neutron energy of 200 Mev.] N-P-rasseianie pri energii neitronov 200 Mev. Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 11 p.

Photoprotons from Rh, Pt, and Pb [with summary in English]. V. G Shevchenko, B. A IUr'ev Zhur eksp. i teor. fiz 42 no. 3 707-712 Mr '62.

Total cross sections of π^--meson and proton interaction at high energies [with summary in English] A.S.Vovenko and others. Zhur. eksp. i teor. fiz. 42 no. 3,715-720 Mr '62.

PROTONS—SCATTERING

Multiple scattering of 100 - 200 Kev. protons on carbon [with summary in English]. A. A. Bedniakov and others. Zhur eksp. i teor. fiz 42 no 3 740-746 Mr '62

One possible interpretation of experiments on inelastic scattering of fast protons on light nuclei [with summary in English]. L. Malling. Zhur eksp. i teor. fiz. 42 no 3 831-832 Mr '62

PROTOPLASM

Role of nucleic acids in the synthesis of cell proteins [with summary in English]. P. V. Makarov. Arkh. anat., gist. i embr. 40 no. 5,3-17 My '61.

PROTOPOV, BORIS

Speech of a feuilletonist at a feuilletonists' anniversary. N. Kruzhkov. Sov. pech. no. 2,44-47 F '62.

PROTOZOA

Basic trends in the Soviet protozoology in relation to the decisions of the 22d Congress of the CPSU [with summary in English] E M. Kheisin. Zool. zhur. 41 no. 2; 161-167 F '62.

Localization of dehydrases of Krebs' cycle in Protozoa. IU. V. Natochin, L. N. Seravin. Dokl. AN SSSR 143 no. 5;1229-1232 Ap '62.

PROTOZOA—CONGRESSES

Cytology of protozoa at the First International Conference on Protozoology in Prague. E. M. Kheisin, I. B. Raikov. TSitologiia 4 no. 1;93-98 Ja-F '62.

PROVATOROV, G.

On the road of quests E Ratser Sov. rouz 26 no 4 83-85 Ap '62

PROVERBS, UKRAINIAN

Pan'kevych, Ivan. [Marginal notes in Transcarpathian-Ukrainian prayer books supplemented with four monasterial documents. Collected Transcarpathian-Ukrainian proverbs of Ivan IUhasevych from the year 1809] Pokraini zapysy na zakarpats'ko-ukrains'kykh tserkovnykh knyhakh z dodatkom 4 monastyrs'kykh knamot Zbirka zakarpats'ko-ukrains'kykh narodnykh prypovidok Ivana IUhasevycha z r. 1809. Prague, Nakladem "Slovanskeho ustavu" v Praze, 1917 69 p.

PRUNING

Anzin, B. N. [Pruning fruit trees and berry bearing shrubs (for the central belt of the U.S.S.R.)] Obrezka plodovykh derev'ev i iagodnykh kustarnikov (dlia srednei polosy SSSR). Izd. 3, dop. i pererab. [Moskva] Mosk. rabochii, 1962. 199 p. (DA)

Studying the methods of summer pruning of roses in connection with the duration of their flowering [with summary in English]. V. N Klimenko Trudy GNBS 12 61-66 '60

Velkov, V. [Pruning fruit trees] Obrezka plodovykh derev'ev. 2. stereotipnoe izd. russkogo perevoda. Sofiia, Gos. izd-vo sel'khoz. lit-ry, 1961. 222 p. (DA)

PRURITUS

Ambulatory dimedrol therapy for patients with pruritic dermatoses. Kh. G. Kasumbelli. Vest. derm. i ven. no. 6;68-70 '61.

Treatment of some pruritic dermatoses with aminophyllytine. V. M. Rubanovich. Vest. derm. i ven. no. 5 24-28 '61.

PSEUDOMONAS MACULICOLA

Pathogen of cauliflower leaf spot in the Ukraine. S. S. Sydorenko. Mikrobiol. zhur. 23 no. 6;22-27 '61.

PSEUDORABIES *see* subdivision under Ukraine

PSKEM VALLEY—SKARNS

Skarn-ore formations in the middle Pskem River (Chatkal zonule) K. Ibragimbaev. Uzb. geol. zhur. 6 no 3,28-32 '62.

PSKOV—THEATER

Sense of responsibility. V. Perel'man Teatr 23 no 5 166 My '62

PSKOV PROVINCE—DISABILITY EVALUATION

Paper supervision P. Semidetova Sots. obesp 23 no 5 23-26 My '62.

PSKOV PROVINCE—PUBLIC HEALTH

Resolution adopted by the out-of-town Session of the Presidium of the Medical Council of the Ministry of Health of the R. S. F. S. R. held at Pskov on November 24-25, 1961 and devoted to the dissemination of new methods of diagnosis, treatment, and prevention of the principal diseases in public health institutions of Pskov Province. Biul. Ucn. med. sov 3 no. 2 30-34 Mr-Ap '62.

PSORIASIS

Acid-base equilibrium disorders in patients with psoriasis [with summary in English]. T. T. Glukhenkaia. Vest. derm. i ven. no. 6;20-23 '61.

Cure of psoriasis following co-existing measles. K. F. Fomin. Vest. derm. i ven. no. 5,66-68 '61.

Psoriasis. L. N. Mashkilleison. Zdorov'e 8 no. 3;14-15 Mr '62.

Psoriasis in children [with summary in English] P. E. Maslov, P. O. Zaturenskaia Sov. med. 25 no 1;109-110 Ja '62.

Seasonal nature of psoriasis. G. S. Zel'din. Vest. derm. i ven no. 4;32-36 '62.

PSYCHIATRIC HOSPITALS

(see also subdivision under Yaroslavl Province)

Conference took place. Let's start work, colleagues! Sots. obesp 23 no. 4,10-13 Ap '62

PSYCHIATRY

(see also subdivision under Mongolia)

Morozov, G. V., and V. A. Romashenko. [Neuropathology and psychiatry] Nevropatologiia i psikhiatriia. Izd. 2., ispr. Moskva, Medgiz, 1962. 202 p. (DNLM)

Problems of neuropathology and psychiatry. Zhur. nevr. i psikh. 62 no. 1;3-14 '62.

PSYCHIATRY, FORENSIC *see* Forensic psychiatry

PSYCHIATRY AND RELIGION

Mishin, G. I. [Medical successes and prejudices; what science and religion say about the psychic activity of man] Uspekhi meditsiny i predrassudki; chto govoriat nauka i religiia o psikhicheskoi deiatel'nosti cheloveka. [Leningrad] Medgiz, 1961. 31 p. (Nauchno-populiarnaia meditsinskaia literatura)

PSYCHOLOGY—CONGRESSES

Report on the Third Psychology Colloquium in Jena (German Democratic Republic). Vop. psikhol. 8 no. 1 178-179 Ja-F '62.

PSYCHOLOGY—PERIODICALS
Foreign journals in psychology. Vop psikhol. 6 no.1: 180-190 Ja-F '62.

PSYCHOLOGY, EDUCATIONAL see Educational psychology

PSYCHOLOGY, INDUSTRIAL
(see also subdivision under Germany, East)
Platonov, K. K. [Psychology of labor] Voprosy psikhologii truda. Moskva, Medgiz, 1962. 218 p.

PSYCHOLOGY, MILITARY
"Confidence in the soldier" by A. A. Zelentsov. Starsh. serzh. no.4:25 Ap '62.
"Confidence in the soldier" by A. A. Zelentsov. Voen. vest. 41 no.4:128-127 Ap '62.

PSYCHOSES
Clinical and electroencephalographic studies of atrophic diseases of the brain [with summary in French] E. IA. Shternberg, G. M. Frenkel'. Zhur. nevr. i psikh. 62 no.1:114-124 '62.
Electroencephalographic characteristics of the functional state of the brain in involutional psychoses [with summary in French] E. S. Tolmasskaia, R. G. Golodets. Zhur. nevr. i psikh. 62 no.1:125-131 '62.
Indole content in the blood and urine of psychiatric patients [with summary in French]. R. A. Aleksaniants, R. I. Agranovich. Zhur. nevr. i psikh. 62 no.1,106-113 '62.
Vangengeim, K. A. [Somatogenic psychoses] Somatogennye psikhozy. Moskva, Medgiz, 1962. 165 p. (DNLM)

PSYCHOSOMATIC MEDICINE see Medicine, Psychosomatic

PSYCHOTHERAPY
"Mental drugs; chemistry's challenge to psychotherapy" by O. A. Battista. Reviewed by V. V. Alpatov. Zhur. VKHO 7 no.2:226-227 '62.

PSYCHROMETERS see Hygrometry

PTERIDINE
Synthesis of pteridines from 4,5-diaminopyrimidines and aromatic α-keto acids. Part 3. Synthesis of some thiopteridines. S. N. Baranov, T. F. Gorizdra. Zhur. ob. khim. 32 no.4:1220-1226 Ap '62.
Synthesis of pteridines from 4,5-diaminopyrimidines and aromatic α-keto acids. Part 4. Alkylation of some thiopteridines. S. N. Baranov, T. F. Gorizdra. Zhur. ob. khim. 32 no.4:1226-1230 Ap '62.
Synthesis of substances containing "fragments" of folic acid. Part 3. Synthesis of certain derivatives of pteridine. Z. V. Pushkareva, L. V. Alekseeva. Zhur. ob. khim. 32 no.4 1058-1062 Ap '62.

PUBLIC BUILDINGS—FIRES AND FIRE PREVENTION
The main problem. Pozh. delo 8 no.3:3 Mr '62.

PUBLIC HEALTH
(see also subdivision under Germany, East, Izhevsk; Kirghizistan; Pskov Province; West Kazakhstan Province)
At the Presidium of the Medical Council of the Ministry of Health of the R. S. F. S. R. Biul. Ucn med. sov. 3 no. 2.31-40 Mr-Ap '62.
Attract wider public participation in public health administration. M. A. Nigmatullin, G. S. Sabirgalieva. Zdrav. Kazakh. 22 no.2:3-7 '62.
Barannyk, P. I. [Lecture course on general hygiene] Kurs lektsii z zahal'noi higiieny. Kyiv, Derzh. med. vyd-vo URSR, 1961. 243 p. (DNLM)
Barsukov, M. I., ed. [All-Union scientific congresses of physicians and their importance for the practice of Soviet public health] Vsesoiuznye nauchnye s"ezdy vrachei i ikh znachenie dlia praktiki sovetskogo zdravookhraneniia. Moskva, Medgiz, 1962. 198 p.
Brief news. Gig. i san. 26 no.5 128-129 My '61.
Brief news and information. Gig. i san. 26 no.8:131-133 Ag '61.
Concerning a review. I. I. Baliaev, P. A. Zolotov. Gig. i san. 26 no.8:96-98 Ag '61.
"Day of Health" celebration at a new stage. B. D. Petrov. Zdrav. Ros. Feder. 6 no.4:16-20 Ap '62.
Eighth Conference of Young Hygienists and Sanitary Workers. A. P. Shitskova. Gig. i san. 26 no.5:113-114 My '61.
"Handbook on municipal hygiene, Vol. 1." Reviewed by D. N. Kniuzhnyi and others. Gig. i san. 27 no.3:102-104 Mr '62.
Hygienic problems in studying the effect of increased natural radioactivity of the environment on the health of the population. IU. V. Novikov, I. I. Rezanov. Gig. i san. 29 no.3:76-84 Mr '62.
Kochergin, I. G. [Soviet public health today] Sovetskoe zdravookhranenie segodnia. Moskva, Izd-vo "Znanie," 1961. 38 p. (Narodnyi universitet kul'tury. Estestvennonauchnyi fakul'tet, no.29)
Measures toward the further improvement of medical and public health services in the U. S. S. R. Gig. truda i prof. zab. 4 no.4:3-6 Ap '60.
Methods for carrying out inspections of public health agencies and institutions. V. S. Stepanov. Zdrav. Ros. Feder. 6 no.3.45-47 Mr '62.
Mobilizing latent resources in public health work. V. A. Miniaev. Zdrav. Ros. Feder. 6 no.3 7-9 Mr '62.
Principal problems in increasing public health facilities in the Russian Federation. I. E. Ushakov. Zdrav. Ros. Feder. 6 no.4.3-8 Ap '62.
"Report on the world social situation" [in English]. Reviewed by A. Kashkarov. Nov. vrem. 20 no.10:29-31 My '62.
Results of a session of the Moscow Research Institute on Hygiene of the Ministry of Public Health of the R. S. F. S. R. R. D. Smirnova. Gig. i san. 26 no.8,106-110 Ag '61.
"Textbook on hygiene" by R. D. Gabovich. Reviewed by Z. G. Vol'fson, I. M. Trakhtenberg. Gig. i san. 26 no.8 117-119 '61.
"Theory and organization of the Soviet public health system" by G. A. Batkis and I. G. Lekarev. Reviewed by IA. I. Rodov and others. Zdrav. Ros. Feder. 6 no.4 41-12 Ap '62.
Therapeutic and preventive services for the population in the light of the resolutions passed by the 22d Congress of the CPSU. A. V. Sergeev. Zdrav. Ros. Feder. 6 no.3 3-7 Mr '62.
V. I. Lenin and problems of hygiene and sanitation. B. M. Potulov. Gig. i san. 27 no.3:3-7 Mr '62.

PUBLIC HEALTH—BIBLIOGRAPHY see Bibliography—Public health

PUBLIC HEALTH—CONGRESSES
On the eve of the 14th All-Union Congress of Hygienists and Sanitary Physicians. M. IA. Nikitin. Gig. i san. 26 no.8 3-10 Ag '61.

PUBLIC HEALTH—PERIODICALS
Current report data on the journal, "Gigiena in sanitariia," for 1961. Gig. i san. 27 no.3:124-125 Mr '62.
Readers' conference of the Kazakh Republic section of the All-Union Society of Hygienists and Sanitary Physicians. L. I. Belotserkovskii. Gig. i san. 26 no.5 115 My '61.
Readers' conference of the Lithuanian Republic section of the All-Union Society of Hygienists and Sanitary Physicians. I. I. Butakas. Gig. i san. 26 no.5 114-115 My '61.

PUBLIC HEALTH—STATISTICS
"Public health in the U. S. S. R. A Statistical Collection compiled by the Central Statistical Administration of the U. S. S. R." Reviewed by A. M. Meikov. Gig. i san. 26 no.5:121-122 My '61.

PUBLIC HEALTH—STUDY AND TEACHING
Ten-day courses for local organizers of public health. E. M. Barkman, I. V. Pustovoi. Zdrav. Ros. Feder. 6 no.1.43 Ap '62.
Work in training skilled personnel. L. I. Rozenberg, N. P. Bashkirova, S. L. Temianko. Zdrav. Ros. Feder. 6 no.3.18-21 Mr '62.

PUBLIC HEALTH, RURAL
Sanitary conditions in prerevolutionary Russia and the organization of provincial medical service. E. I. Lozhkina. Gig. i san. 26 no.8,44-48 Ag '61.

PUBLIC HEALTH, RURAL—CONGRESSES
Problems in rural hygiene (International Symposium in Poland). I. V. Roshchin. Gig. i san. 27 no.3:85-88 Mr '62.

PUBLIC HEALTH ADMINISTRATION see subdivision under Dnepropetrovsk Province

PUBLIC HEALTH NURSING
(see also subdivision under Sochi)
Volunteer bureau of visiting nurses. N. P. Grigorenko. Zdrav. Ros. Feder. 6 no.4:30-31 Ap '62.

PUBLIC HEALTH RESEARCH
"Annual of the State Institute of Hygiene [in Polish]." Reviewed by L. S. Rozanov. Gig. i san. 27 no.3:100-101 Mr '62.

PUBLIC OPINION
Igitkhanian, M. Kh. [Power of public opinion] Sila obshchestvennogo mneniia. Moskva, Izd-vo "Znanie," 1962. 31 p. (Novoe v zhizni, nauke, tekhnike. Seriia 2: Filosofiia, no.2)
The power of public opinion. M. Igitkhanian. Kommunist 39 no.8:94-103 My '62.

PUBLIC PROSECUTORS
How public prosecutors control the legality of judicial sentences. I. Sapozhnikov. Sots. zakon. 32 no.3: 49-52 Mr '62.
How the public prosecutors of the U. S. S. R. supervise the observance of laws. Sots. zakon. 32 no.3 92-93 Mr '62.
Opinions of public prosecutors upon the legality of rulings of the courts of first instance in the trial of criminal cases. V. Zlatkovich. Sots. zakon. 32 no.3:62-64 Mr '62.
We coordinate criminal investigation with supervisory work. B. Kroknin, A. Natunaev. Sots. zakon. 32 no.3: 73 Mr. '62.

PUBLISHERS AND PUBLISHING
(see also subdivision under Moscow; Ukraine)
Basic principles of Soviet statistics on publishing. T. S. Gorbunova. Sov. bibl. no.1 17-23 '62.
Outstanding achievements of Soviet publishing. Kniga, Issl i mat. 5,5-8 '61.

PUBLISHERS AND PUBLISHING—BIBLIOGRAPHY see Bibliography—Publishers and publishing

PUERPERAL CONVULSIONS
Early eclampsia. M. S. Solov'eva. Sbor. nauch. rab. Kaf. akush. i gin. GMI no.2 29-31 '60.
Hemorrhages into the brain in eclampsia. M. S. Solov'eva. Sbor. nauch. rab. Kaf. akush. i gin. GMI no.1 65-67 '60.
Surgical and other interventions in eclampsia. M. S. Solov'eva. Sbor. nauch. rab. Kaf. akush. i gin. GMI no.2 32-38 '60.

PUERPERIUM
Course of the postpartum period of labor in connection with the prophylactic use of pituitrin. N. P. Mikhailova. Sbor. nauch. rab. Kaf. akush. i gin. GMI no.2:66-68 '60.
Effect of the method of expulsion of the secundines on blood loss during labor and the course of the postpartum period. E. A. IUdina. Sbor. nauch. rab. Kaf. akush. i gin. GMI no.1 97-98 '60.
Thrombosis in the sinuses of the brain appearing in the puerperium. V. A. Gusev, M. A. Moshnina, V. D. Troshin. Sbor. nauch. rab. Kaf. akush. i gin. GMI no.2 75-77 '60.

PUGACHEV REBELLION
"The peasant war in Russia in 1773-1775, the Pugachev Rebellion" by V. V. Mavrodin. Reviewed by I. G. Rozner. Vest. LGU 17 no.8 133-136 '62.
Pugachev in Saratov [with summary in English]. L. D. Ryslinev. Vest. LGU 17 no.8 56-71 '62.

PULLORUM DISEASE
Use of furazolidone in the pullorum disease and paratyphoid fever of poultry. M. T. Prokof'eva and others. Veterinariia 38 no.1,41-46 Ja '61.

PULMONARY ARTERY
Intraorgan branching of the pulmonary artery in man in normal conditions and in pulmonary abscesses. V. R. Boikov. Izv. AN Kazakh. SSR. Ser. med. i fiziol. no.2: 27-35 '61.

PULMONARY ARTERY—DISEASES
Case of coarctation of the pulmonary artery. M. V. Murov'ev, IU. V. Evteev. Grud. khir. no.2 75-77 '62.
Thromboembolism of the pulmonary artery. M. G. Shabanova. Vop. pat. krovi i krovoobr. no.5:154-160 '59.

PULMONARY CIRCULATION
X-ray study of the lesser circulation in mitral stenosis compared with data from a cardiac catheterization [with summary in English]. M. A. Ivanitskaia, IU. S. Petrosian. Kardiologiia 2 no.2: 44-52 Mr-Ap '62.

PULMONARY EDEMA
Lazaris, IA. A., and I. A. Serebrovskaia. [Pulmonary edema] Otek legkikh. Moskva, Medgiz, 1962. 368 p. (DNLM)

PULMONARY EMBOLISM
Fatal embolism of the pulmonary artery as revealed by autopsies for 20 years (1938-1957). I. Juhasz, G. Denes. Arkh. pat. no.7.28-35 '61.

PULMONARY VEIN
Changes in the small pulmonary veins in venous hypertension of the lesser circulation connected with mitral defect of the heart [with summary in English]. L. L. Kapuller. Arkh. pat. no.7.58-62 '61.

PULSE
Morphological characteristics of vascular lesions in Takayasu disease. I. D. Shperling. Arkh. pat. no.7: 63-66 '61.
Observing blood vessel pulsation in some mammals. K. Berdongarov. Trudy AZVI 9:358-363 '56.
Surgical treatment of "pulseless disease" (Takayasau's syndrome) [with summary in English]. B. V. Petrovskii, V. S. Krylov, G. S. Krotovskii. Vest. khir. no.4:28-35 '62.

PULSE CIRCUITS
Concerning the distribution of the settling time between the output and preliminary stages of an amplifier. E. N. Mokhov. Izv. vys. ucheb. zav., radiotekh. 4 no.6: 671-678 N-D '61.
Integrator with negative-positive feedback. A. V. Knipper. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no.2:164-166 Mr-Ap '62.

PULSE GENERATORS see Oscillators, Electric

PULSE TECHNIQUES (ELECTRONICS)
Device for determining numbers of revolutions. I. P. Lishchinskii. Mashinostroenie no.2 116 Mr-Ap '62.
Interference rejection of a pulse signal receiver with superfluous bandwidth of the input filter [with summary in English]. G. A. Shastova. Avtom. i telem. 23 no.4: 519-526 Ap '62.

PULSE TECHNIQUES (ELLCTRONICS) (Continued)

Mikhalev, V. G., and L. L. Mokhel'. [Device for pulse testing of microthin cores] Pribor dlia impul'snykh ispytanii mikronnykh serdechnikov. Moskva, In-t technol mekhaniki i vychislitel'noi tekhniki Akad. nauk SSSR, 1961. 29 p. (Elektronnye vychislitel'nye mashiny)

Performance of a magnetoelectric device under the action of exponential pulses. I. A. Fastovskii. Izm. tekh. no. 4, 40-43 Ap '62.

Power impulse self-oscillator. L. I. Bolotin and others. Izv. vys. ucheb. zav., radiotekh. 4 no. 6, 726-728 N-D '61.

Problem concerning the reception of pulse signals using a storage method. N. F. Vollernei, V. G. Balitskaia, N. G. Gatkin. Izv. vys. ucheb. zav., radiotekh. 4 no. 6, 679-683 N-D '61.

Simulation of division operations using the linear charge of a capacitance. A. IA. Il'nitskii. Radiotekhnika 17 no. 4:13-17 Ap '62.

Spectral analysis of a pack of impulses. M. I. Finkel'shtein. Radiotekhnika 17 no. 4:18-22 Ap '62.

Unit for determining the modulus of elasticity at low temperatures. P. I. Mel'nichuk, V. G. Timoshenko. Izm. tekh. no. 4, 11-12 Ap '62.

PULVERIZED COAL see Coal, Pulverized

PUMPING MACHINERY

Karaev, M. A. [Drill pumps for test drilling] Burovye nasosy strukturno-polskovogo buren'ia. Baku, Azerbaidzhanskoe gos. izd-vo, 1961. 112 p.

PUMPS, CENTRIFUGAL see Centrifugal pumps

PUNCHED CARD SYSTEMS

(see also subdivision under Kaliningrad Province)

"Problems of over-all mechanization of accounting, using accounting-punched card machines" by V. I. Isakov, M. A. Koroliev. Reviewed by N. Tverdokhleb, G. Popov, D. Aropov. Bukhg. uchet 19 no. 1:74-79 Ap '62.

PUNCHED CARD SYSTEMS—CHEMISTRY

Use of punched cards in industrial and research laboratories; survey. G. G. Vorob'ev. Zav. lab. 28 no. 3, 316-323 '62.

PUNCTURES (MEDICINE)

Puncture of the heart in acquired mitral and aortic defects (survey of the literature). D. M. TSireshkin. Grud. khir. no. 2:111-116 '62.

State of cerebrospinal fluid in animals after a single suboccipital puncture. I. B. Bilogrudov. Visnyk sil'hosp. nauky 5 no. 3, 119-120 Mr '62.

Study of the activity of some enzymes in liver punctates in Botkin's disease [with summary in English]. I. D. Mansurova. Sov. med. 25 no. 1:31-34 Ja '62.

PUPPETS AND PUPPET PLAYS

Karamanenko, T. N. [The puppet theater in kindergarten] Kukol'nyi teatr v detskom sadu. Izd. 2. Moskva, Gos. uchebno-pedagog. izd-vo, 1960. 99 p. (CU)

PURIFICATION OF WATER see Water—Purification

PURINES

Mechanism of the action of 6-mercaptopurine [with summary in English]. G. N. Pershin, L. I. Shcherbakova. Farm. i toks. 25 no. 1:19-24 Ja-F '62.

PURPURA (PATHOLOGY)

Abdominal syndrome in the clinical picture of Schoenlein-Henoch disease. A. A. Mikmal'iants. Klin. med. no. 8:129-132 '61.

Clinical aspects and treatment of hemorrhagic capillary toxicosis. S. R. Vaisman. Klin. med. no. 8:83-89 '61.

Some characteristics of hemorrhagic vasculitis in children. V. P. Voitenko. Ped., akush. i gin. 23 no. 6:3-6

children and its compound treatment. akush. i gin. 23 no. 6:11 '61.

:RGEEVICH, 1799-1837
IA. El'sberg. Vop. lit. 5

er, E. Maimin. Neva. no. 2:

i and P. V. Kireevskii. A. D. Otd. lit. i iaz. 20 no. 2:143-

I. Slonimskii. Neva no. 2:203-

B. V. Tomashevskii. Reviewed i zhizn' 6 no. 2:45-46 '62.

B. V. Tomashevskii. Reviewed i. 5 no. 12:214-216 D '61.

an literature. G. P. Izhakevych. no. 2:3-10 Mr-Ap '62.

tribution of authorship and reviet studies on Pushkin. V. V. SR. Otd. lit. i iaz. 20 no. 1:3-26

RGEEVICH, 1799-1837—BIBgraphy—Pushkin, Aleksandr

PUSHKIN, ALEKSANDR SERGEEVICH, 1799-1837—HOMES AND HAUNTS

Verkhovskaia, N. P. [Pushkin's haunts near Moscow] Pushkinskie mesta v Podmoskov'e. 2., dop. izd. [Moskva] Mosk. rabochii, 1962. 82 p.

PYATIGORSK—DIET KITCHENS

To you health! A. Kaska. Obshchest. pit. no. 3:51 Mr '62.

PYATIGORSK—VETERANS, DISABLED—EMPLOYMENT

Life and heroic deed continue. A. Zhuravlev. Sots. obesp. 23 no. 5:41 My '62.

PYATIKHATKA DISTRICT—SECTS

In the village of Zholtoye. M. IAblonskyi. Volov. stelet. no. 4:27-28 Ap '62.

PYRAN

Synthesis of 3-alkyltetrahydropyrans. IU. K. IUr'ev, O. M. Revenko. Vest. Mosk. un. Ser. 2 Khim. 17 no. 2:68-71 Mr-Ap '62.

PYRAZOLE

Pharmacology of 3,5-disubstituted pyrazoles [with summary in English]. IU. I. Vikhliaev. Farm. i toks. 25 no. 1:27-32 Ja-F '62.

PYRAZOLIDINONE

Synthesis of 4-methyl-1-phenyl-3-pyrazolidinone (phenidone "B"). N. I. Simonova, IU. E. Usanova. Zhur. VKHO 7 no. 2:239 '62.

PYRAZOLINONE

Comparative pharmacological characteristics of some acyl derivatives of 4-aminoantipyrine and 1-phenyl-3-methyl-4-amino-5-pyrazolone [with summary in English]. T. P. Prishchep. Farm. i toks. 25 no. 1:55-62 Ja-F '62.

PYRIDINE

Elemental organic analysis by the "wet combustion" method. Report No. 5. Determination of nitrogen in pyridine bases [with summary in English]. A. P. Terent'ev, B. M. Luskina. Zhur. anal. khim. 17 no. 2:227-230 Mr-Ap '62.

Polynuclear heterocyclic compounds. Part 6. 4,6-Diphenyl-2,3(CO)-benzoylpyridine. G. J. Vanags, E. IA. Ozola. Zhur. ob. khim. 32 no. 4:1151-1159 Ap '62.

PYRIDOXINE

Pyridoxine metabolism in the blood and tissues of cancer patients. V. V. Korkhov. Vop. pat. krovi i krovoobr., no. 5:104-108 '59.

PYRIDOXOL

Synthetic research in the field of vitamins of the group B_6. Part 3. Synthesis of pyridoxine derivatives containing residues of higher aliphatic acids. M. V. Ballakina and others. Zhur. ob. khim. 32 no. 4:1172-1175 Ap '62.

PYRIMIDINEALANINE

Synthesis of -(4-hydroxy-6-methyl-2-pyrimidinyl)-alanine. IU. P. Shvachkin, L. A. Syrtsova. Vest. Mosk. un. Ser. 2 Khim. 17 no. 2:76-77 Mr-Ap '62.

PYRIMIDINES

Synthesis of pteridines from 4,5-diaminopyrimidines and aromatic α-keto acids. Part 3. Synthesis of some thiopteridines. S. N. Baranov, T. E. Gortzdra. Zhur. ob. khim. 32 no. 4:1220-1226 Ap '62.

PYRITES

(see also subdivision under Irkutsk Basin; Ural Mountains)

Role of stratigraphic, lithologic, and structural factors in the distribution of pyrite mineralization in northern Armenia. P. F. Sopko. Zakonom. razm. polezn. iskop. 2:372-395 '59.

Some basic problems in the distribution of sulfide mineralization in pyrite provinces. S. N. Ivanov. Zakonom. razm. polezn. iskop. 2:97-109 '59.

PYROCHLORE see subdivision under Khibiny Mountains; Lovozero Tundras

PYROGENS

Chemical nature of the pyrogenic substance pyrogenal [with summary in English]. P. Z. Budnitskaia. Biul. eksp. biol. i med. 3[i e. 53] no. 3:53-56 Mr '62.

Effect of aminazine on hyperthermia produced by sulfozin. G. I. Zaitsman, G. P. Lenskii. Izv. AN Kazakh. SSR, Ser. med. i fiziol. no. 2:96-100 '61.

PYROLYSIS

Composition of pyrolytic tar from the continuous coking process. L. A. Korovkina, N. M. Karavaev. Izv. AN SSSR, Otd. tekh. nauk, Met. i topl. no. 2:161-167 Mr-Ap '62.

PYROMETERS

Some shortcomings in the manufacture of pyrometers. A. N. Gordov. Priborostroenie no. 4:25 Ap '62.

PYROPHOSPHATES

Fractional method of determining pyrophosphates in a cyanide-free electrolyte for brass plating. E. A. Melamed, V. G. Kuz'mina. Kauch. i rez. 21 no. 4:49 Ap '62.

PYRRHOTITE

Monoclinic pyrrhotite [with summary in English]. F. N. Eltsev. Vest. LGU 17 no. 6:16-23 '62.

PYRROLIDINONE

Effectiveness of using low molecular polyvinyl pyrrolidone in treating acute gastrointestinal diseases in infants [with summary in English]. E. V. Abramova, A. A. From. Pediatriia no. 4:35-39 '62.

Kinetics and mechanisms of butyrolactam hydrolysis in KOH aqueous solutions. M. I. Vinnik, Iu. V. Moiseev, L. V. Palagina. Dokl. AN SSSR 143 no. 5:1121-1124 Ap '62.

Reactivity of hydrogen atoms of the methylene group in some azolidones. Part 2. Absorption spectra and mobility of hydrogen atoms in the methylene group of azolidones. S. N. Baranov. Zhur. ob. khim. 32 no. 4:1230-1235 Ap '62.

Q FEVER see subdivision under Ukraine

QUADRATIC RESIDUES see Congruences and residues

QUALITY CONTROL

Conference on production quality. S. I. Gaurina. Izm. tekh. no. 4:60-61 Ap '62.

QUANTUM ELECTRODYNAMICS

Covariant expansion of an electromagnetic field [with summary in English]. V. L. Liubovitskii, IA. A. Smorodinskii. Zhur. eksp. i teor. fiz. 42 no. 3:846-850 Mr '62.

Local regularizations of the coefficient functions of the scattering matrix. V. A. Shcherbina. Dokl. AN SSSR 143 no. 5:1075-1077 Ap '62.

QUANTUM ELECTRONICS

Nonlinear light. D. A. Frank-Kamenetskii. Priroda 51 no. 4:108 Ap '62.

QUANTUM FIELD THEORY

Position of singularities in Feynman diagrams [with summary in English]. A. Z. Patashinskii. Zhur. eksp. i teor. fiz. 42 no. 3:812-819 Mr '62.

Role of counterterms in the dispersion approach to the quantum field theory. B. V. Medvedev, M. K. Polivanov. Dokl. AN SSSR 143 no. 5:1071-1074 Ap '62.

Shirokov, M. I. [Newton-Wigner's coordinate for a scalar particle] O koordinate N'iutona-Vignera dlia skalarnoi chastitsy. Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 6 p. [With summary in English]

QUANTUM MECHANICAL AMPLIFIERS see Masers

QUANTUM STATISTICS

Quantum statistical theory of cross relaxation [with summary in English]. B. N. Provotorov. Zhur. eksp. i teor. fiz. 42 no. 3:882-889 Mr '62.

QUANTUM THEORY

Candoluminescence from the viewpoint of the Van der Wiedemann criterion and modern physicochemical representations. V. A. Sokolov. Izv. AN SSSR. Ser. fiz. 26 no. 4:514-517 Ap '62.

Candoluminescence of crystal phosphors and the electronic theory of catalysis in semiconductors. Discussion of V. A. Sokolov's report. A. N. Gorbunov. Izv. AN SSSR, Ser. fiz. 26 no. 4:518-519 Ap '62.

Deceleration of antiprotons in matter [with summary in English]. IU. D. Fivelskii. Zhur. eksp. i teor. fiz. 42 no. 3:799-802 Mr '62.

Discussion of V. L. Levshin's report. B. M. Orlov, N. M. Nosenko. Izv. AN SSSR, Ser. fiz. 26 no. 4:459-460 Ap '62.

Energy losses of charged particles in a plasma [with summary in English]. V. N. TSytovich. Zhur. eksp. i teor. fiz. 42 no. 3:803-811 Mr '62.

Equation of state of a crystal at zero temperature [with summary in English]. N. A. Dmitriev. Zhur. eksp. i teor. fiz. 42 no. 3:772-776 Mr '62.

Giant resonance in the photodisintegration of the Zr^{90} nucleus [with summary in English]. K. V. Shitikova. Zhur. eksp. i teor. fiz. 42 no. 3:868-870 Mr '62.

Negative absorption due to indirect exciton recombinations in a semiconductor. O. N. Krokhin. Fiz. tver. tela 4 no. 3:822-825 '62.

Nguen Van-kh'eu. [Elastic neutrino and antineutrino scattering on electrons, taking higher approximations into account] Uprugoe rasseianie neitrino i antineitrino na elektronakh s uchetom vysshikh priblizhenii. Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 9 p. [With summary in English]

Radiation by molecules under conditions of resonance. G. M. Strakhovskii, V. M. Tatarenkov. Zhur. eksp. i teor. fiz. 42 no. 3:907-908 Mr '62.

Sokolov, S. N. [S-matrix for the one-dimensional Schrodinger equation and its asymptotic behavior in the quasiclassical region] S-matritsa dlia odnomernogo uravneniia Shredingera i ee asimptotika v kvaziklassicheskoi oblasti. Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 15 p. [With summary in English]

Some problems in the theory of heavy unstable particles [with summary in English]. S. G. Matinian. Trudy Inst. fiz. AN Gruz. SSR 6:173-229 '59.

Spin waves in rhombic antiferromagnetic and weak ferromagnetic substances. N. G. Guseinov. Izv. AN Azerb. SSR. Ser. fiz.-mat. i tekh. nauk no. 1:53-64 '62.

Storage and transfer of excitation energy in crystal phosphors. V. L. Levshin. Izv. AN SSSR. Ser. fiz. 26 no. 4:456-458 Ap '62.

QUARTZ
(see also subdivision under Aldan Plateau, Kazakhstan)
Mechanism of interaction of calcium hydroxide with quartz under normal conditions. I. F. Sakavov, N. A. Shtshakov. Izv. AN SSSR. Otd. khim. nauk no. 1 591-597 Ap '62.

QUARTZ—OPTICAL PROPERTIES
Dielectric permeability and refraction indices of quartz irradiated with fast neutrons. V. G. Zubov, A. P. Grishina. Kristallografiia 7 no. 2:238-241 Mr-Ap '62.

QUARTZITE
(see also subdivision under Kazakhstan; Kedabek District)
More on secondary quartzite. V. V. Onikhimovskii. Sov. geol. 5 no. 4 53-62 Ap '62.

QUARTZITE—MAGNETIC PROPERTIES see subdivision under Kursk Magnetic Anomaly

QUERCETIN
Pharmacology of quercetin. IA. I. Khadzhai, V. F. Korolev. Farm. i toks. 25 no. 1:71-77 Ja-F '62.

QUINACRINE
Comparative action of acrichine and ergot on the postpartum uterus, preliminary report. IU. A. Vinogradova. Sbor. nauch. rab. Kaf. akush. i gin. GMI no. 1 83-84 '60.
Comparative action of acrichine and quinine in combination with pituitrin on the contractive activity of the uterus during labor. IU. A. Vinogradova. Sbor. nauch. rab. Kaf. akush. i gin. GMI no. 1 80-82 '60.
Comparative evaluation of various methods of treating lambliogenic cholecystitis in children. L. A. Nikytenko. Ped., akush. i gin. 23 no. 3,23-24 '61.
Effect of acrichine on the liver of a pregnant woman and of a puerpera. IU. A. Vinogradova. Sbor. nauch. rab. Kaf. akush. i gin. GMI no. 1 68-73 '60.
Use of acrichine in outpatient abortions. IU. A. Vinogradova. Sbor. nauch. rab. Kaf. akush. i gin. GMI no. 1 173-175 '60.

QUINALDINIUM COMPOUNDS
Synthetic dyes. Part 24. Styryl dyes from derivatives of 1-arylquinaldinium salts. G. T. Pilipgin, I. N. Cherniuk. Zhur. ob. khim. 32 no. 4 1055-1057 Ap '62.

QUININE—PHYSIOLOGICAL EFFECT
Comparative action of acrichine and quinine in combination with pituitrin on the contractive activity of the uterus during labor. IU. A. Vinogradova. Sbor. nauch. rab. Kaf. akush. i gin. GMI no. 1, 80-82 '60.

QUINOLINESULFONIC ACID
Complexometric titration of indium in the presence of 7-(1-naphthylazo)-8-hydroxyquinoline-5-sulfonic acid and 7-(4-sulfo-1-naphthylazo)-8-hydroxyquinoline-5-sulfonic acid as indicators. A. I. Busev, L. L. Talipova. Vest. Mosk. un. Ser. 2 Khim. 17 no. 2:63-67 Mr-Ap '62.

QUINOLINOL
5-Chloro-8-hydroxyquinoline. A. F. Sukhina. Zhur. ob. khim. 32 no. 4, 1356-1357 Ap '62.

QUINUCLIDINE
Pharmacology of 3-benzoylhydroxyquinuclidine [with summary in English]. M. D. Mashkovskii, K. A. Zaitseva. Farm. i toks. 25 no. 1:32-37 Ja-F '62.

RABBIT BREEDING
Effect of placenta preparations on the fertility in rabbits. B. V. Doroshkov. Visnyk sil'hosp. nauky 5 no. 3:117-119 Mr '62.

RABBITS—DISEASES AND PESTS
Clinical morphological studies of the development of the pathological process in experimental coccidiosis in rabbits. Kh. E. Kocheganov. Trudy AZVI 9,196-201 '56.
Urotropine in rabbit coccidiosis. V. A. Petrov. Veterinariia 37 no. 10:44-45 O '60.

RABCHINSKII, IVAN VASIL'EVICH, 1879-1950
Rudnev, D. M. Ivan Vasil'evich Rabchinskii. Tallinn, Estonskoe gos. izd-vo, 1960. 109 p. (CSt-H)

RABIES
Diagnosis of rabies. M. A. Guliev, V. A. Kazakova. Veterinariia 39 no. 1:77-78 Ja '61.
Intensify the measures for eliminating rabies in farm animals, according to materials received by the editor. Veterinariia 37 no. 10:45-50 O '60.

RABIES—PREVENTIVE INOCULATION
"Struggle for a great discovery" by S. A. Blinkin. Reviewed by Kh. I. Idel'chik. Zdorov'e 8 no. 3:28 Mr '62.

RACE DISCRIMINATION
Christianity and racial discrimination. E. Karmanov. Zhur. Mosk. Patr. no. 2:35-39 F '62.

RADAR
Grigor'iants, V. G. [Introduction to a course on radar equipment] Vvedenie v kurs radiolokatsionnoi apparatury. [Moskva] Izd-vo Mosk. univ., 1962. 177 p.
Lighting of the operative departments of radar stations. N. I. Matusov. Gig. truda i prof. zab. 4 no. 6 47-50 Je '60.
Problem concerning the probability of signal detection of a radar station with random search law. F. P. Tarasenko. Izv. vys. ucheb. zav., radiotekh. 4 no. 6:666-670 N-D '61.

RADAR, MILITARY
He helped the operator. I. Kopylov. Starsh.-serzh. no. 4:5 Ap '62.
Son of the regiment. I. Geleveria. Voen. vest. 41 no. 3 83-86 Mr '62.
Spring cares of radar operators. N. Volona. Starsh.-serzh. no. 3,22 Mr '62.

RADAR IN ASTRONOMY
(see also subdivision under Dushanbe, Kazan, Kiev; Tomsk)
Effect of diffusion on radio echo measurements of meteor velocities [with summary in English]. B. S. Dudnik, B. L. Kashcheev, V. N. Lebedinets. Issl. ionosf. i met. no. 9:21-25 '62.
Studying the structure of meteor showers by the radio echo method [with summary in English]. B. L. Kashcheev, V. N. Lebedinets. Issl. ionosf. i met. no. 8 26-36 '62.

RADAR IN NAVIGATION
(see also subdivision under Great Britain)
Emergency starting block for the radar station "Neptune." S. Kaenz, IU. Karunnikov, V. Burkov. Mor. flot 22 no. 2:20-21 F '62.

RADAR METEOROLOGY
Nelepets, V. S. and V. D. Stepanenko. [Use of radar in meteorological observations] Radiolokatsionnye metody meteorologicheskikh nabliudenii. Leningrad, Gidrometeoizdat, 1961. 174 p.

RADIANT HEATING
Akademiia stroitel'stva i arkhitektury SSSR. Institut sanitarnoi tekhniki. [Temporary instructions for the use of heating systems with concrete heating panels] Vremennye ukazaniia po primeneniiu sistem otopleniia s betonnymi otopitel'nymi paneliami. Moskva, Biuro proektno-konstruktorskoe i tekhn. pomoshchi, 1961. 64 p.

RADIATION
Radiation force retarding the motion of electron bunches in a microtron [with summary in English]. S. P. Kapitsa, L. A. Vainshtein. Zhur. eksp. i teor. fiz. 42 no. 3:821-830 Mr '62.
Radiative-chemical sulfochlorination of polyisobutylene. R. V. Dzhagatspanian, V. I. Zetkin, V. S. Fedchenko. Plast. massy no. 3:6-9 '62.

RADIATION—DOSAGE
Dosimetric and qualitative characteristics of the primary and diffuse X-ray irradiation from the URD$_0$-110-K-4 diagnostic apparatus [with summary in English]. V. A. Petrov, N. M. Palladieva, P. S. Pivanova. Vest. rent. i rad. 37 no. 2:42-47 Mr-Ap '62.
Effect of single-dose gamma-irradiation on the frequency of ovarian tumors in mice. R. V. Smirnov. Dokl. AN SSSR 143 no. 5:1211-1214 Ap '62.
Interdependence of the frequency of dominant lethal mutations and the dosage of radiation by fast neutrons in the spermatids of Drosophila. E. A. Abeleva, IU. A. Lapkin. Radiobiologiia 2 no. 2:203-207 '62.
Roentgen and rad and how they are used. S. N. Ardashnikov, N. S. Chetverikov. Radiobiologiia 2 no. 2:322-331 '62.

RADIATION—EFFECT ON MATERIALS see Semiconductors, Effect of radiation on

RADIATION—MEASUREMENT
Control of irradiation. A. Moskalev. Voen. vest. 41 no. 4:45-46 Ap '62.

RADIATION—PHYSIOLOGICAL EFFECT
Alkaline phosphatase activity in granulocytes of irradiated rats. IU. M. Zarelskaia. TSitologiia 4 no. 1:76-79 Ja-F '62.
Behavior of the fruit fly (Drosophila melanogaster) during irradiation. V. G. Khrushchev, G. M. Pravdina, N. G. Darenskaia. Radiobiologiia 2 no. 2:272-279 '62.
Blood circulation in the liver of normal and irradiated dogs. V. P. Fedotov. Radiobiologiia 2 no. 2:240-245 '62.
Bodiazhina, V. I., and others. [Effect of ionizing radiation on the genitalia, pregnancy and the intrauterine fetus] Vliianie ionizirui ushchei radiatsii na polovye zhelezy, beremennost' i vnutriutrobnyi plod. Moskva, Medgiz, 1962. 181 p. (DNLM)
Change in the chemical indices of dietary fats under the action of ionizing radiations [with summary in English]. A. A. Fomin. Gig. i san. 27 no. 3:34-39 Mr '62.
Changes in the parotid glands following repeated action of ionizing radiations [with summary in English]. A. A. Prokhonchukov, V. V. Panikarovskii. Arkh. pat. no. 8: 39-44 '61.
Changes in the radiosensitivity of nervous tissue. P. F. Minaev, O. F. Logvinova. Radiobiologiia 2 no. 2: 258-264 '62.
Characteristics of humoral agents forming under the influence of ionizing radiation. A. G. Sverdlov. Pat. fiziol. i eksp. terap. 5 no. 6 63-64 N-D '61.
Characteristics of mortality in mice depending on the radiation dose. L. B. Kozlova. Radiobiologiia 2 no. 2, 216-221 '62.
Comparative study on the effect of X rays (197 kv) and braking radiation generated with linear accelerator (3 Mev.) upon animals. A. K. Arnautov and others. Radiobiologiia 2 no. 2:211-215 '62.
Cytological study of the changes in Actinomyces cells caused by radiation. A. A. Prokof'eva-Bel'govskaia, O. N. Kapitonova, Z. M. Shamina. TSitologiia 4 no. 1, 18-26 Ja-F '62.
Disorder of the reactions of the hemopoietic system in the late period following irradiation [with summary in English]. N. I. Shmeleva. Biul. eksp. biol. i med. 53 no. 4 38-42 Ap '62.
Effect of preliminary irradiation on the resistance of immunized rabbits to infection with Salmonella typhimurium. B. M. Kurtser. Zdravookhranenie 5 no. 1:46-49 Ja-F '62.
Ionizing radiation and heredity, genetic theory of radiation disease. B. L. Astaurov. Priroda 51 no. 4 55-67 Ap '62.
Morphological changes in the liver in a combined lesion in puppies in an experiment. V. D. Belousov, G. I. Vatsuro. Zdravookhranenie 5 no. 1:42-46 Ja-F '62.
Oxidative phosphorylation and conversions of pyruvic acid in brain mitochondria of normal and irradiated animals. R. I. Skvortsova. Radiobiologiia 2 no. 2:190-193 '62.
Some changes appearing in the nervous system of irradiated animals under the influence of interoceptive excitation [with summary in English]. N. S. Delitsyna. Pat. fiziol. i eksp. terap. 5 no. 6:21-25 N-D '61.
Some data on bacteremia in guinea pigs following total-body irradiation with X-rays. L. H. Kovtunovych. Mikrobiol. zhur. 23 no. 4:44-47 '61.

RADIATION—SAFETY MEASURES
Reparative processes in the bone marrow of irradiated rats after the transplantation of homologous bone marrow. S. A. Rogacheva. Radiobiologiia 2 no. 2:308-316 '62.
Time factor in the antiradiation effect of local asphyxia of bone marrow. N. P. Lebkova, S. P. IArmonenko. Radiobiologiia 2 no. 2:304-307 '62.

RADIATION PROTECTION
Effect of antiradiation substances in Escherichia coli irradiated in an oxygen-deprived medium. E. A. Vail'dshtein. Radiobiologiia 2 no. 2:317-321 '62.
Effect of combined application of 5-metoxytryptamine and mercamine on radiation protection. I. G. Krasnykh and others. Radiobiologiia 2 no. 2,298-303 '62.
Possible general mechanism of the action of protective agents. E. E. Ganassi, L. Kh. Eidus. Radiobiologiia 2 no. 2:332-334 '62.
Problems in pharmacological protection from radiation injuries. S. IA. Arbuzov. Vest. AMN SSSR 17 no. 3:58-74 '62.
Sanitary supervision of enterprises and institutions using radioactive substances in their work. V. V. Tret'iakov. Gig. i san. 26 no. 9:63-67 Ag '61.
Stimulation of immunogenesis in irradiated animals by combined use of some bacterial antigens. N. N. Klemparskata, G. A. Shal'nova. Radiobiologiia 2 no. 2:332 '62.

RADIATION SHIELDING see Shielding (Radiation)

RADIATION SICKNESS
Change in the thrombocyte composition of the blood in oxygen deficiency in animals with radiation sickness. N. A. Shelkovskii. Trudy Semipal. med. inst. 2 106-112 '59.
Characteristics of the blood system's reaction and general state of an animal to oxygen insufficiency in radiation sickness. A. Milov. Trudy Semipal. med. inst. 2 118-128 '59.
Cholesterol metabolism in radiation sickness of dogs. K. V. Smirnov, V. A. Shaternikov. Radiobiologiia 2 no. 2:194-195 '62.
Comparative study of the action of polyglucin of various molecular weights on the course of acute radiation sickness. Report No. 1: Effect of polyglucin infusions on some blood coagulation indices and hemopoietic processes. A. A. Bagdasarov and others. Probl. gemat. i perel. krovi no. 4:3-8 '62.
Condition of the central part of the unconditioned vascular reflex arc in radiopathology. G. V. Bavro. Radiobiologiia 2 no. 2:265-271 '62.
Copper content of some organs of animals in radiation injury [with summary in English]. G. A. Babenko. Vop. med. khim. 8 no. 2:134-139 Mr-Ap '62.
Course of a wound process in acute radiation sickness. S. N. Levchenko. Trudy Inst. klin. i eksp. khir. AN Kazakh. SSR no. 7, 42-50 '61.
Course of peptone shock in radiation sickness. I. I. Krivenko. Pat. fiziol. i eksp. terap. 5 no. 6:82-83 N-D '61.
Dependence of the localization of radiation injury on the functional state of the organ. Report No. 3. Morphological changes in the uterus in white mice irradiated at various phases of the estrus cycle [with summary in English]. N. V. Sokolova, T. I. Gorshenina. Biul. eksp. biol. i med. 3[i. e. 53] no. 3:112-116 Mr '62.

649080 O - 62 - 15

RADIATION SICKNESS (Continued)
Effect of hypothalamus and reticular formation of the midbrain on the electric activity of various layers of the cortex in radiation sickness L. I. Kaburneeva. Radiobiologiia 2 no. 2:234-239 '62.
Effect of ionizing radiations on the reactivity of adrenergic and cholinergic receptors Andrzej Danysz Radiobiologiia 2 no. 2,246-254 '62
Effect of the hypothalamic region on the dynamics of spinal reflexes in rabbits after total-body X-ray irradiation [with summary in English]. Z. M. Gvozdikova. Pat. fiziol. i eksp. terap. 5 no 6:15-21 N-D '61.
Histochemical changes in the enterochromaffin cells of the duodenum in acute radiation sickness [with summary in English] N M. Nemenova, V M. Manteifel', G. A Chernov Biul. eksp biol i med 3[i e, 53] no 3 109-112 Mr '62
Morphological characteristics of the liver in relation to its functional state at the time of irradiation [with summary in English] N V. Sokolova, T. I. Gorshenina Arkh. pat. no 4,50-55 '62.
Pathomorphology of the vascular system in acute radiation injury [with summary in English] N. E. IArygin, G. M. Nikolaev. Arkh. pat. no. 3,24-32 '61.
Restoration of some indices of the functional state of the cutaneous vessels in monkeys in the later period following radiation sickness [with summary in English] V V. IAkovlev. Biul eksp. biol. i med. 3[i e, 53] no 3 34-38 Mr '62
Staphylococcal pneumonia in radiation injury [with summary in English] O. L Bazan. Arkh. pat. no 8,32-39 '61
Studying the aortic reflex arc during different stages of radiation sickness. A. N. Balashova. Radiobiologiia 2 no. 2 280-285 '62.
Surgical treatment of ulcers caused by X-rays V. I. Petrov Vest. khir no 4 100-102 '62.
Use of prednisone in some urological diseases [with summary in English] M. E. Mebel' Urologiia no. 2 28-32 '62.

RADIATION STERILIZATION
Use of high polymer packaging materials in food preservation by means of ionizing. IA. G Muravin, L. N. Zelenskaia, G. D. Pugach. Kons i ov. prom. 17 no. 4: 24-27 Ap '62

RADICALS (CHEMISTRY)
Effect of solvents on the formation of anion radicals, carbanions, and on hydrogen exchange between hydrocarbons A. I Shatenshtein, E. A. IAkovleva, E. S Petrov. Zhur. ob. khim. 32 no. 4 1350-1351 Ap '62
Inactivation of lactic dehydrase by free radicals formed from inhibitors of radical processes. L. S. Vartanian, N. M. Emanuel'. Dokl. AN SSSR 143 no. 5:1215-1218 Ap '62.
Use of tritium for determining the relative constants of the rate of detachment of hydrogen atoms in organic compounds. Relative reactivity of carbon-hydrogen bonds of hydrocarbons in radical reactions V. L Antonovskii, I. V. Berezin, N. F Kazanskaia. Izv. vys ucheb. zav. khim. i khim tekh. 5 no. 1 94-100 '62.

RADIO
Concerning the interference rejection of single-sideband and double-sideband communication systems. I. A. TSikin. Radiotekhnika 17 no. 4:3-12 Ap '62.
New books of the "Mass booklet series." Radio no. 4 56 Ap '62
"The North American" testifies. G. I Golovin, V V. Petrash Znan. sila 37 no 4:33 Ap '62.
Our consultations Radio no 4:60-64 Ap '62.
Points from foreign trade journals. Radio no 4:57-59 Ap '62.

RADIO—ABSTRACTS
[Automatic control and radio engineering] Ref. zhur.: Avtom. i radioelektr. no 4 Ap '62.

RADIO—ANTENNAS
Determination of azimuth for the direction of antennas E Dvornikov. Radio no. 4:21-22 Ap '62.

RADIO—CONGRESSES
Papers read at the A. S. Popov Scientific and Technical Society for Radio and Electronics. Radiotekhnika 17 no. 4:80 Ap '62.
Third congress of the A. S. Popov Scientific and Technical Society of Radio Engineering and Electronics L G. Stoliarov. Radiotekhnika 17 no. 4:77-79 Ap '62.

RADIO—EQUIPMENT AND SUPPLIES
A simple method for obtaining mounting plates. V. Bozhenov. Radio no. 4:53 Ap '62.
The Third International Radio Engineering Exhibition. V. I. Teremov. Av. prom. 26 no. 8:105-109 Ag '57.

RADIO—EQUIPMENT AND SUPPLIES—BIBLIOGRAPHY
see Bibliography—Radio—Equipment and supplies

RADIO—RECEIVERS AND RECEPTION
Interference rejection of a pulse signal receiver with superfluous bandwidth of the input filter [with summary in English]. G. A. Shastova. Avtom. i telem. 23 no. 4: 519-526 Ap '62.
Problem concerning the reception of pulse signals using a storage method. N. F. Vollerner, V G Balitskaia, N. G. Gatvin Izv vys ucheb zav., radiotekh 1 no 6 679-683 N-D '61
Response of a receiver with a square-law detector to phase or frequency fluctuation modulated oscillations. B D. Sergievskii. Radiotekh. i elektron 7 no. 5 782-792 My '62
Sobotevskii, A. G. [Let me tell you about a radio receiver] Rasskaz o radiopriemnike. Moskva, Gos energ. izd-vo, 1962. 94 p. (Massovaia radiobiblioteka, no. 428)
Unreliability of the evaluation of the parameter of a radio signal with random initial phase during optimum reception with normal noise E I Kulikova Radiotekh. i elektron 7 no 5 904-906 My '62.

RADIO—SPECTRA
Attainment of the sensitivity limit of a radiospectroscope for observing electronic paramagnetic resonance. V A. Atsarkin, M E Zhabotinskii, A V. Frantsesson Radiotekh. i elektron. 7 no 5 856-871 My '62.

RADIO—TESTING
Valitov, R. A., K. I. Palatov, and A. E. Chernyi. [Methods for measuring the principal characteristics of fluctuating signals] Metody izmerenila osnovnykh kharakteristik fluktuatsionnykh signalov. Pod red. R. A. Valitova. Khar'kov, Izd-vo Khar'kovskogo gos. univ. im. A. M. Gor'kogo, 1961. 140 p.

RADIO—TRANSFORMERS
Design of toroidal transformers A. Davydov Radio no. 4 55-56 Ap '62

RADIO, MILITARY
Attachments of Sergeant Zobnin N Rakhmanov Starsh.-serzh no 2 35 F '62
Contacts and attentiveness. A Kondrakevich. Starsh.-serzh no. 2:31 F '62.
Give the main consideration to training radio operators in the field. Voen vest 41 no 4:100-101 Ap '62
Quick hands of the radioman I. Ivanov. Starsh.-serzh no 4:37 Ap '62.
Radio mechanic trainees get field practice D Evglevskii. Voen. vest 41 no 3 94-96 Mr '62
Radio operators learn to work during a movement. R Melchik, M. Ostapov. Voen vest. 41 no. 4:97-100 Ap '62
Radioman and speed. I. Glushkin Starsh.-serzh. no. 4: 10 Ap '62
Train specialists for joint operations. M. Artamonov. Voen vest 41 no 4:96-97 Ap '62.

RADIO, MILITARY—EQUIPMENT AND SUPPLIES
Multipurpose radio training apparatus. IU. Utkin Starsh.-serzh no. 3:22 Mr '62
Universal remote control and radio relaying device. V. Donchenko Voen vest 41 no. 3 118-119 Mr '62.

RADIO CIRCUITS
Principles of the statistical design of radio networks. I. M. Ainbinder. Radiotekhnika 17 no 4:52-60 Ap '62

RADIO CLUBS
The Communist Youth League is a companion in arms of the All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy. Radio no 4:3-4 Ap '62
Devote all means to eliminate shortcomings. K Shatmanov Radio no. 4:14 Ap '62.
Short and ultrashort waves. Radio no 4:17-18 Ap '62.
Story of the club collective of a radio station F. Chernyshov Radio no. 4:15 Ap '62.
Work should be conducted in close cooperation. A Kuskov. Radio no 4:12-13 Ap '62.

RADIO DETECTORS
Experimental study of the effect of normal noise on a difference detector V. T. Gorlainov, M. A. Kirillov. Elektrosviaz' 16 no. 4:21-27 Ap '62.

RADIO FACSIMILE
Radio-facsimile transmissions of hydrometeorological charts. G. Shumeiko. Mor. flot 22 no. 4:13-14 Ap '62.

RADIO FILTERS
Magnetostrictive blocking filters IA. I. Velikin, E. V. Zeilak, A. I. Ivanova. Elektrosviaz' 16 no. 4:48-54 Ap '62

RADIO IN AERONAUTICS
Borisenko, I. G. [Use of radio in the training of aviation sportsmen] Ispol'zovanie radio v podgotovke aviatsionnykh sportsmenov. Moskva, Izd-vo DOSAAF, 1961. 85 p.
[MICROFILM]

RADIO IN EDUCATION
More on radio and television lectures. G. M. Volkov. Vest. vys. shkoly 20 no. 4:35-36 Ap '62.

RADIO IN NAVIGATION
Practices in the plotting of radio bearings R. Stepanenkov, V. Topalov. Mor. flot 22 no. 2:18-20 F '62

RADIO INDUSTRY see subdivision under Leningrad Economic region

RADIO INDUSTRY—QUALITY CONTROL see subdivision under Moscow

RADIO JOURNALISM see subdivision under Vilnius

RADIO LINES
Calculation of the optimum designs of balanced cable networks V. P. Rybkin Elektrosviaz' 16 no 4 55-61 Ap '62
Fading in a homogeneous line with an evenly distributed load G I. Khazanov. Elektrosviaz' 16 no 3:18-22 Mr '62.

RADIO MEASUREMENTS
Basic ration of the transmission reference level and volume indicator with an electromagnetic indicating instrument and its design. Z. N. Rezviakova Trudy VNAIZ no. 5:67-96 '59.
Kushnir, F. V., and S. S. Rogovenko. [Radio measuring devices, a manual] Radioizmeritel'nye pribory, uchebnoe posobie. Leningrad, Leningr. elektrotekhn. in-t sviazi, 1961. 195 p.
Valitov, R. A., K. I. Palatov, and A. E. Chernyi. [Methods for measuring the principal characteristics of fluctuating signals] Metody izmerenila osnovnykh kharakteristik fluktuatsionnykh signalov. Pod red. R. A Valitova. Khar'kov, Izd-vo Khar'kovskogo gos. univ. im. A. M. Gor'kogo, 1961. 140 p.

RADIO OPERATORS
An interesting expedition. I. Zhuchenko. Radio no 4 15 Ap '62.
Short and ultrashort waves. Radio no. 4 17-18 Ap '62
They have been awarded the first prize in shortwave radio communication. N. Kazanskii. Radio no. 4 19 Ap '62.
A year of work on QRP. I. Tokarev. Radio no 4 26 Ap '62.

RADIO RELAY SYSTEMS
Passive relay stations on radio relay lines. A. I. Mirochin. Vest. sviazi 22 no. 4:8-10 Ap '62.

RADIO WAVES
(see also subdivision under Antarctic regions)
Chernyi, F. B. [Propagation of radio waves] Rasprostranenie radiovoln. Moskva, Izd-vo "Sovetskoe radio," 1962. 479 p.

RADIOACTIVE PROSPECTING
(see also subdivision under Caspian Sea)
Change in the intensity of the gamma radiation from a semispace covered with a layer which is impermeable to gas. I. M. Khaikovich, L. A. Khalfin Vop. rud geof no. 2:131-134 '61.
Determining coefficients of diffusion of radon and emanation capacities of rocks from emanation probing curves. I. F. Popretinskii. Vop. rud. geof. no 2:105-114 '61.
Radiometric determination of uranium in four-component probes. A. G. Petrov. Vop. rud. geof. no 2 102-104 '61
Theory of the emanation method. A. G. Grammakov. Vop. rud. geof no. 2:86-93 '61.
Theory of the emanation method for local-type items. A. G. Grammakov. Vop. rud. geof. no. 2:135-140 '61
Use of geochemical and geophysical methods in prospecting for boron. V. I. Baranov, V. L. Barsukov. Zakonom. razm. polezn. iskop. 2 495-502 '59.
Use of metallometric and radiometric surveys in searching for phosphorites in Gornaya Shoriya. G. I Spanderashvili, F. I. Rubakha Razved. i okh. nedr 28 no. 4:20-24 Ap '62.

RADIOACTIVE PROSPECTING—EQUIPMENT AND SUPPLIES
Best filter for calculating radioactive radiation. L. A. Khalfin. Vop. rud. geof. no. 2:79-85 '61.

RADIOACTIVE SUBSTANCES
Physicochemical characteristics of the sorption dynamics of radioactive substances S. Z. Roginskii, O. M. Todes. Radiokhimiia 4 no 1:39-44 '62.
Separation of the rare earth fission fragments from uranium and thorium without a carrier. R V. Sedletskii, K. A Petrzhak. Radiokhimiia 4 no. 1:99-102 '62.
Studying radioactivity of benthal fauna in fresh water. I. P. Lubianov. Radiobiologiia 2 no. 2:255-258 '62.

RADIOACTIVE SUBSTANCES—MEASUREMENT
Integrating dosage measuring devices. O. Koptev, G. Masslov, IU. Malinovskii. Radio no. 4:41-42 Ap '62.

RADIOACTIVE SUBSTANCES—SAFETY MEASURES
Contamination of the skin with radioactive substances, and comparative effectiveness of some detergents [with summary in English]. L. A. D'in. Gig. truda i prof. zab. 4 no. 3:28-32 Mr '60.

RADIOACTIVE TRACERS
Age variations in the permeability of the parotid salivary gland to various indicators. R. P. Podorozhnaia, IU. A. Petrovich. Dokl. AN SSSR 143 no. 6:1462-1465 Ap '62
Application of radioactive isotopes for marking moths of the grain cutworm [with summary in English]. S. V. Andreev, V. A. Molchanova, B. K. Martens. Zool. zhur 41 no. 1:85-91 Ja '62.

RADIOACTIVE TRACERS (Continued)

Measurement of the activity of tritium-containing organic compounds. An. N. Nesmeianov, V. V. Pozdeev, IA. Klass. Zav. lab. 28 no. 3:305-307 '62.

Some results of studying the nutrition in fruit, berry, and vegetable plants in central Tajikistan by the method of tagged atoms. P. P. Chuvaev and others. Trudy Inst. sad. AN Tadzh. SSR. 2:187-221 '60.

Study of erythropoiesis in thermal burns using radioactive indicators. V. S. Bunkata, G. I. Kozinets. Probl. gemat. i perel. krovi. no. 4:51-52 '62.

Use of radiotracers in the study of the electrolytic separation of metals on a nickel cathode. R. D. Zhitkov, I. A. Kedrinskii. Trudy LTI. no. 48:197-203 '58.

Use of the tagged atoms method in studying changes in the diffusion coefficient for potassium in potassium iodide crystals containing impurities in the form of heavy elements [with summary in English]. V. V. Mumladze. Trudy Inst. fiz. AN Gruz. SSR. 6:168-172 '58.

RADIOACTIVE TRACERS—INDUSTRIAL APPLICATIONS

Using the method of radioactive tracers for evaluating the power of bearing materials to absorb abrasive parts occuring in lubricants. V. E. Vainshtein, A. M. Prondzinskii. Tren. i izn. mash. no. 15:47-50 '62.

RADIOACTIVITY

Latvijas Padomju Socialistiskas Republikas Zinatnu akademija. Fizikas institute. [Methods for studying radioactive radiation] Radioaktivnye izluchenila i metody ikh issledovanila. Riga, Izd-vo Akad. nauk Latviiskoi SSR, 1961. 141 p.

Radioactivity of the water in open reservoirs [with summary in English]. V. M. Kuptsanova, E. S. Romanova. Gig. i san. 27 no. 3:14-17 Mr '62.

RADIOACTIVITY—MEASUREMENT

Determination of low levels of the radioactive contamination of water. V. P. Shvedov and others. Radiokhimila 4 no. 1:110-116 '62.

Use of dosimetric apparatus in sanitary practice. R. V. Stavitskaia, A. V. Terman. Gig. i san. 26 no. 6:53-57 Ag '61.

RADIOACTIVITY—PHYSIOLOGICAL EFFECT

Hygienic problems in studying the effect of increased natural radioactivity of the environment on the health of the population. IU. V. Novikov, I. I. Rezanov. Gig. i san. 27 no. 3:70-64 Mr '62.

RADIOACTIVITY—SAFETY MEASURES

Organization of sanitary supervision over the use of radioactive substances and sources of ionizing radiations in the national economy of the U. S. S. R. P. I. Moiseitsev. Gig. i san. 26 no. 5:51-55 My '61.

RADIOBROADCASTING

New radio stations (to be continued). S. Zhdanov, A. Evseev, A. Smirnov. Pozh. delo. 8 no. 3:25-26 Mr '62.

RADIOCHEMISTRY

Savich, I. A. [V. G. Khlopin and outstanding Soviet radiochemist] V. G. Khlopin - vydaiushchiisia sovetskii radiokhimik. Moskva, Izd-vo "Znanie," 1962. 31 p. (Novoe v zhizni, nauke, tekhnike. IX Seriia: Fizika i khimiia, no. 2)

[MICROFILM]

Scientific research raised to the level of new tasks. Radiokhimia 4 no. 1:3-4 '62.

Zolotov, IU. A., ed. [Extraction in analytical chemistry and radiochemistry. Translated articles] Ekstraktsiia v analiticheskoi khimii i radiokhimii. Moskva, Izd-vo inostr. lit-ry, 1961. 350 p.

RADIODIAGNOSIS see Diagnosis, Radioscopic

RADIOGRAPHY

Fluorography as a method for mass X-ray examination. A. I. Bukhman. Feld. i akush. 27 no. 3,27-28 Mr '62.

X-ray diffraction photographing of crystals. V. M. Kardonskii. Kristallografiia. 7 no. 2:313-315 Mr-Ap '62.

RADIOISOTOPES

(see also subdivision under Black Sea)

Rapid elimination of yttrium, cerium, and lead from the organism with uramildiacetate, 1, 2-diaminecyclohexanetetraacetate and polyethylenepolyaminopolyacetate. I. P. Tregubenko and others. Radiobiologiia. 2 no. 2:200-206 '62.

Sorption of some radioactive isotopes from aqueous solutions by active manganese dioxide. V. V. Pukhkarev and others. Radiokhimia. 4 no. 1:49-54 '62.

Study of the permeability of the wall of a normal and an artificial urinary bladder in dogs using radioactive isotopes [with summary in English]. IA. P. Annikov, N. A. Fedorov. Urologiia. no. 6:50-54 '61.

Using radioactive isotopes as indicators for studying the dynamics of underground waters. A. A. Abdullaev and others. Uzb. geol. zhur. 6 no. 1:57-61 '62.

RADIOISOTOPES—ANALYSIS

Determination of low levels of the radioactive contamination of water. V. P. Shvedov and others. Radiokhimia 4 no. 1:110-116 '62.

RADIOISOTOPES—INDUSTRIAL APPLICATIONS

Korchak, S. N. [Improving the efficiency of grinding; selecting characteristics of grinding wheels and using isotopes for determining the greasing of the wheels] Povyshenie proizvoditel'nosti shlifovaniia, vybor kharakteristiki krugov i primenenie izotopov dlia opredeleniia ikh zasalivaemosti. [Cheliabinsk] Cheliabinskoe knizhnoe izd-vo, 1961. 85 p. (Obmen peredovym opytom: Mekhanicheskaia obrabotka metallov)

Problems confronting science in the field of radioisotope measurement technology. N. N. Shumilovskii. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no. 2:9-17 Mr-Ap '62.

"Use of radioactive isotopes for purposes of automatic control in the coal industry" by V. G. Segalin. Reviewed by A. E. Trop, V. A. Khramov. Izv. vys. ucheb. zav., gor. zhur. no. 3:156-157 '61.

RADIOISOTOPES—PHYSIOLOGICAL EFFECT

Accumulation of radioactive isotopes by some aquatic insects. A. B. Getsova, O. A. Volkova. Ent. obozr. 41 no. 1:109-124 '62.

RADIOISOTOPES—SAFETY MEASURES

Working conditions in handling radioactive substances during the construction of main pipelines and measures for improvement. V. A. Kisilenko, M. IA. Bolarintseva. Gig. truda i prof. zab. 4 no. 3:49-50 Mr '60.

RADIOISOTOPES—THERAPEUTIC USE

"Therapeutic use of artificial radioisotopes [in English]" by Paul F. Hahn. Reviewed by A. V. Kozlova. Vest. rent. i rad. 37 no. 2:83-84 Mr-Ap '62.

Ulitovskii, D. A. [Radioactive isotopes in neurological practice] Radioaktivnye izotopy v nevrologicheskoi praktike. [Leningrad] Medgiz, 1962. 138 p. (DNLM)

RADIOLARIA, FOSSIL

Stratigraphic significance of skeletal fragments of some Mesozoic Radiolaria by studying them in sections. A. I. Khamoida. Inform. sbor. VSEGEI no. 47:23-36 '61.

RADIOLOGY, INDUSTRIAL

Characteristics of the working conditions for radiograph operators in a machine-building factory. V. I. Petrov. Gig. truda i prof. zab. 6 no. 3:52-53 Mr '62.

RADIOLOGY, MEDICAL

Dombrovskii, A. I. [Roentgenology] Rentgenologiia. [Rostov-na-Donu] Rostovskoe knizhnoe izd-vo, 1961. 221 p. (DNLM)

RADIOLOGY, MEDICAL—BIBLIOGRAPHY see Bibliography—Radiology, Medical

RADIOLOGY, MEDICAL—CONGRESSES

First All-Union Conference of Roentgenologists and Radiologists. L. S. Rozenshtraukh. Biul. Ucheb.-med. sov. 3 no. 2:22-27 Mr-Ap '62.

RADIOLOGY, MEDICAL—STUDY AND TEACHING

Some comments on the training of radiologists; from the experience of the Department of Medical Radiology of the S. M. Kirov Leningrad Institute for Postgraduate Medical Education. Vest. rent. i rad. 37 no. 2:80-81 Mr-Ap '62.

Some current problems in the specialization and postgraduate training of physicians in roentgenology. S. A. Reinberg. Vest. rent. i rad. 37 no. 2:72-75 Mr-Ap '62.

Some problems in teaching in departments of roentgenology. L. S. Rozenshtraukh. Vest. rent. i rad. 37 no. 2:76-78 Mr-Ap '62.

Teaching roentgenology and radiology in the Ukrainian Institute for Postgraduate Medical Education. Vest. rent. i rad. 37 no. 2:78-79 Mr-Ap '62.

Training of sanitary physicians in the field of radiation hygiene. F. G. Krotkov. Gig. i san. 26 no. 8:58-63 Ag '61.

Training roentgenologists in the Kazan Institute for Postgraduate Medical Education. M. Kh. Faizullin. Vest. rent. i rad. 37 no. 2:79-80 Mr-Ap '62.

RADIOTELEGRAPH

Operators' skills are the main thing. N. Tkachuk. Starsh. -serzh. no. 2:21 F '62.

RADIOTELEPHONE

International radiotelephone code. IU. Zubkov. Mor. flot. 22 no. 2:23-25 F '62.

RADIOTHERAPY

Comparative evaluation of the methods of radiation treatment in cancer of the lower lip. R. V. Konevalov. Vop. onk. 8 no. 4:86-90 '62.

Electrokymographic study of the pulmonary blood supply during radiotherapy for lung cancer [with summary in English]. V. E. Gelfshtein. Vop. onk. 8 no. 3:26-33 '62.

Hemodynamic disorders in radiotherapy. A. S. Smagulov, S. B. Balumkhanov. Zdrav. Kazakh. 22 no. 2:24-29 '62.

Increasing the effect of radiotherapy by preliminary general irradiation (experimental study). A. I. Mezentsev. Vop. onk. 8 no. 3:82-84 '62.

RADIUM—ANALYSIS

Determination of mesothorium 1 (radium 228) on the basis of the β-particles of mesothorium 2 (actinium 228) in the presence of radium-226. P. I. Chalkin, N. V. Golubev, V. G. Zherekhov. Radiokhimiia. 4 no. 1:102-107 '62.

RADON

Determining coefficients of diffusion of radon and emanation capacities of rocks from emanation probing curves. I. F. Popretinskii. Vop. rud. geof. no. 2:105-114 '61.

Distribution of radon in an ore stratum traversed by a cylindrical hole. I. M. Khaikovich. Vop. rud. geof. no. 2:94-101 '61.

Formation of background and anomalous concentrates of radon in underground waters and their importance for prospecting. V. N. Popov, P. N. Kutsel'. Sov. geol. 5 no. 4:93-99 Ap '62.

RAFTS

Stresses developing in tackle fastenings of sectional river rafts. S. A. Vladimirov. Izv. vys. ucheb. zav., les. zhur. 4 no. 6:61-65 '61.

RAILROAD BRIDGES—MAINTENANCE AND REPAIR

Practice in the change of bridge ties. D. M. Bashev. Put' i put. khoz. 6 no. 5:20 '62.

RAILROAD BRIDGES—TESTING

Preventing fatigue failure of the parts of metal bridges. G. K. Evgrafov, V. O. Osipov, V. N. Kolokolov. Zhel. dor. transp. 44 no. 4:50-52 Ap '62.

RAILROAD ENGINEERING

Analyzing the basic resistance to motion of the rolling stock on an experimental track circle. P. N. Astakhov, P. P. Stromskii. Vest. TSNII MPS. 21 no. 2:27-29 '62.

Effect of the distribution of the overall static deflection on the vertical vibrations of railroad rolling stock. Vest. TSNII MPS. 21 no. 2:29-34 '62.

RAILROAD RESEARCH

In the sections and laboratories of the Central Scientific Research Institute of the Ministry of Railroad Transportation. Vest. TSNII MPS. 21 no. 2:61-62 '62.

RAILROADS

(see also subdivision under China, Kazakhstan; Siberia)

Filippova, L. S., ed. [Cooperation between railway and industrial transportation] Voprosy vzaimodeistviia zheleznodorozhnogo i promyshlennogo transporta. Moskva, Transzheldorizdat, 1960. 214 p. (DBC)

Use greater vigor in eliminating shortcomings and find better means to utilize the reserves. Avtom., telem. i sviaz' 6 no. 5:1-4 My '62.

RAILROADS—ABSTRACTS

[Railroad transportation] Ref. zhur.: Zhel. dor. transp. nos. 4-5, Apr.-May 1962.

RAILROADS—ACCOUNTS, BOOKKEEPING, ETC. see subdivision under Estonia

RAILROADS—BIBLIOGRAPHY see Bibliography—Railroads

RAILROADS—CARS

(see also subdivision under Nizhniy Tagil)

Mechanize the inspection of track conditions. A. I. Bakanov. Put' i put. khoz. 6 no. 5:14 '62.

RAILROADS—CARS—AIR CONDITIONING

Air conditioning systems for passenger cars. N. S. Komarov. Khol. tekh. 39 no. 2:36-39 Mr-Ap '62.

RAILROADS—CARS—DESIGN AND CONSTRUCTION

Shadur, L. A., and others. [Designs of railroad cars] Konstruktsii vagonov. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1962. 415 p.

RAILROADS—CARS—MAINTENANCE AND REPAIR

Improving the methods of car maintenance and repair. N. V. Korolev, S. M. Borodai. Vest. TSNII MPS. 21 no. 2:23-27 '62.

RAILROADS—COMMUNICATION SYSTEMS

Attachment for regulating the performance of the ZhR-4 transmitter-receiver. I. V. Krasnikov. Avtom., telem. i sviaz' 6 no. 5:37-38 My '62.

Auxiliary communications control desk. S. N. Parfenov. Avtom., telem. i sviaz' 6 no. 4:17-18 Ap '62.

Certain conclusions derived from the use of the ZhR-5 transmitter-receiver. I. I. Chepurov. Avtom., telem. i sviaz' 6 no. 4:36 Ap '62.

Control of dispatching retransmission in train communications. K. M. Kuliagin. Avtom., telem. i sviaz' 6 no. 5:42 My '62.

An excellent maintenance of communication lines. A. P. Bazarnyi. Avtom., telem. i sviaz' 6 no. 4:26-28 Ap '62.

Improved schematics for connecting railroad station intercommunication networks. D. M. Lapushkin. Avtom., telem. i sviaz' 6 no. 5:39 My '62.

Railroad communication equipment with selective audio ringing. V. E. Stepanov, IU. P. Chebotarev. Avtom., telem. i sviaz' 6 no. 4:9-10 Ap '62.

RAILROADS – COMMUNICATION SYSTEMS (Continued)
"Selective communications apparatus" by V. I. Katsalapenko. Reviewed by V. M. Davydovskii. Avtom., telem. i sviaz' 6 no. 5:47 My '62
Shortcomings in the new communications apparatus should be eliminated. IA I. Trofimov. Avtom., telem i sviaz' 6 no 4 41 Ap '62
Transmitter-receiver for car checkers. V. V. Dobrovol'skii, IA. L. Khaikin. Avtom., telem. i sviaz' 6 no 5:7-12 My '62

RAILROADS—COMMUNICATION SYSTEMS—BIBLIOGRAPHY see Bibliography—Railroads—Communication systems

RAILROADS—CONSTRUCTION
Fulfillment of the capital construction plan during 1962. Zhel. dor. transp 44 no 4:46-47 Ap '62
Smorodinskii, I. M. [Cranes on tractors and motor-trucks for railroad construction] Krany na traktorakh i avtomobilakh dlia transportnogo stroitel'stva. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1962. 79 p. (Bibliotechka stroitelia-mekhanizatora)

RAILROADS—CROSSINGS
Spiral coil in the electric drives of automatic railway crossway level barriers. N. N. Ivanov. Avtom., telem. i sviaz' 6 no 4:37 Ap '62.

RAILROADS—EARTHWORK
Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Technical specifications for the construction of the railway roadbed (SN 61-59) Tekhnicheskie usloviia sooruzheniia zheleznodorozhnogo zemlianogo polotna (SN 61-59). Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 206 p.

RUSSIA—ECONOMIC GEOGRAPHY see Geography Economic

RAILROADS—ELECTRIC EQUIPMENT
Concerning the economic effectiveness of using a. c. switch drives. V. N. Sedov, V. IU. Efimov. Avtom., telem. i sviaz' 6 no 4 11-14 Ap '62.
Increase of the transition attenuation in the cable inserts of main communication lines. I. P. Istomin. Avtom., telem. i sviaz' 6 no. 5:33-35 My '62
Our factory is our pride. IU. P. Zatinatskii. Avtom., telem. i sviaz' 6 no. 5:23-26 My '62.
Repair of OM-type transformers by the railroad districts. D. S. Karetnikov. Avtom., telem. i sviaz' 6 no 5 30-33 My '62.
Schematic for connecting the negative busbar in TaBv3x2 commutators B. A. Kuzovlev Avtom., telem i sviaz' 6 no 4 31 Ap '62.
Some remarks concerning assemblies of distribution devices. N. N. Cheremin. Avtom., telem. i sviaz' 6 no. 5:42-43 My '62.
The SP-1 electric drive for switches. E. A. Fomichev Avtom., telem i sviaz' 6 no. 4, 4-6 Ap '62

RAILROADS—ELECTRIFICATION
Mass electrification of railroads is an important link in the overall electrification of the country. V. V. Zubchenko, V. I. Savinskii Zhel. dor. transp. 44 no. 4: 13-19 Ap '62.

RAILROADS—ELECTRONIC EQUIPMENT
Automatic regulation of the power supply of SPD-59 apparatus. S. I. Khramchenkov. Avtom., telem. i sviaz' 6 no. 4:38-39 Ap '62.
Automatic speed control system in mechanized hump yards. Part 6. The ES-TsNII electronic speed measuring device. G. M. Umanskii. Avtom., telem. i sviaz' 6 no. 5:13-19 My '62
"Design of electric power supply systems for centralized traffic control devices" by V. B. Chernyshev, I. G. Selinskaia Reviewed by M. A. Semenov. Avtom., telem. i sviaz' 6 no. 4:47-48 Ap '62.
Maintenance-free operation of code transmitters can be prolonged. N. G. Luk'ianov. Avtom., telem i sviaz' 6 no. 5:40 My '62.
Scientific and technical conference held at the Leningrad Railroad Engineering Institute. Avtom., telem. i sviaz' 6 no. 4:43-44 Ap '62.
Stand for testing the ZhR-5 transmitter-receiver. IU. P. Ksendzov. Avtom., telem. i sviaz' 6 no. 5:43 My '62.

RAILROADS—ELECTRONIC EQUIPMENT—BIBLIOGRAPHY see Bibliography—Railroads—Electronic equipment

RAILROADS—EMPLOYEES
(see also subdivision under India; Rostov-on-Don)
The best track maintenance worker. N. A. Svorin. Put' i put. khoz. 6 no. 5:13 '62.
Chief, comrade, teacher. V. A. Volotovskii. Put' i put. khoz. 6 no. 5:17 '62.
Collective of communist labor. V. A. Galkin. Put' i put. khoz. 6 no. 5:39 '62.
The competition continues. N. E. Karasev, V. P. Koblov. Put' i put. khoz. 6 no. 5:7 '62.
Foremost district brigade. A. M. Chemko. Put' i put. khoz. 6 no. 5:41 '62.
Production innovator. I. M. Nepodkupnyi. Put' i put. khoz. 6 no. 5:19 '62.
Railroad worker with initiative. I. A. Khodasevich, G. E. Kirilkin, G. S. Mikhalenko Put' i put khoz. 6 no. 5:44 '62.
Track maintenance forces of the Darnitsa Division. A. M. Shilin Put' i put. khoz 6 no 5:7 '62
Veteran of the country's main line. A. I. Reshetnikov. Put' i put. khoz 6 no. 5:10 '62.
We are providing for safety. P. A. Batunin, R. P. Zhukov. Put' i put khoz. 6 no. 5,14 '62.
The workers of the Zhmerinka railroad district work like all true Communists should A. F. Ermolenko. Avtom., telem. i sviaz' 6 no 4 20-22 Ap '62

RAILROADS—EMPLOYEES—EDUCATION AND TRAINING
Railroad personnel studies new machinery. M. Mishenev. Prof.-tekh. obr. 19 no 3 17-18 Mr '62.

RAILROADS—EQUIPMENT AND SUPPLIES
Kochurov, IU. D., and others. [Manual for the personnel of chemical and technical laboratories in the field and at depots] Rukovodstvo rabotnikam dorozhnykh i depovskikh khimiko-tekhnicheskikh laboratorii. Izd. 2., ispr. i dop. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1962. 211 p.
Machine for tie bandaging. S. IA. Eremkin, S. A. Afanas'ev Put' i put. khoz. 6 no. 5,42-43 '62.
Make use of the achievements of welding techniques in railroad transportation. B. E. Paton. Zhel. dor. transp 44 no. 4:8-13 Ap '62.
New machinery for the care and maintenance of plantations. S. T. Shtepa. Put' i put. khoz. 6 no. 5:32-33 '62.

RAILROADS—FINANCE
[Financing in railway transportation; manual] Finansirovanie na zheleznodorozhnom transporte; spravochnik. Pod obshchei red. I. V. Ivlieva. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1962, 422 p.

RAILROADS—FREIGHT
(see also subdivision under Uzbekistan, Virgin Territory)
Concentration of freight operations and new methods in the organization of freight transportation. E. P. IUshkevich, T. V. IAkovlev, D. M. Rezer. Zhel. dor. transp. 44 no. 4: 25-31 Ap '62.
Efficient types of the organization of car flows from the loading points N. I. Kubasov, S. I. Sitnikov Zhel. dor. transp. 44 no. 4:56-60 Ap '62.
Koldomasov, IU. I. [Fundamentals of the planning of railroad freight transportation] Osnovy planirovaniia perevozok na zheleznodorozhnom transporte. Moskva, Transzheldorizdat, 1949. 298 p.
Prospects of the expansion of container transportation and of the distribution of container bases. V. V. Povorozhenko. Zhel. dor. transp. 44 no. 4:32-35 Ap '62

RAILROADS—FREIGHT CARS
Container type cars for narrow-gauge railroads. A. I. Sokolov. Torf. prom. 39 no. 3:9-10 '62.
Possibilities of a further cut of the idle time of cars. A. I. Smetanin. Zhel. dor. transp. 44 no. 4:10-25 Ap '62.
Redesigning of four-axle box cars. E. B. Itkina, M. T. Naidenkov, A. L. Spivakovskii. Zhel. dor. transp 44 no. 4:74-75 Ap '62.
What type of six-axle gondola cars? B. A. Rzhavinskii, K. A. Safontsev. Zhel dor. transp. 44 no. 4:48-49 Ap '62.

RAILROADS—HUMP YARDS
Automatic speed control system in mechanized hump yards. Part 6. The ES-TsNII electronic speed measuring device. G. M. Umanskii. Avtom., telem. i sviaz' 6 no. 5:13-19 My '62.
Determining the number and length of station classification tracks. N. N. Lomakina. Vest. TSNII MPS 21 no. 2:49-52 '62.

RAILROADS—LABOR PRODUCTIVITY
We shall fulfill the fourth year's assignments of the seven-year plan. Z. N. Madorskii. Put' i put. khoz. 6 no. 5:4-5 '62.

RAILROADS—MAINTENANCE AND REPAIR
(see also subdivision under Ternopol' region)
The collective provides for a safe track. V. A. Kamchatnyi. Put' i put. khoz. 6 no. 5:6 '62.
An excellent track is our contribution to the common cause. V. M. Potapov. Put' i put. khoz. 6 no. 5:31 '62.
Improving work organization in a junction station. A. IA. Dolgov. Put' i put. khoz. 6 no. 5:16-17 '62.
Mechanize the inspection of track conditions. A. I. Bakanov Put' i put. khoz. 6 no. 5:14 '62.
Our achievements and shortcomings. V. V. Bodrov. Put' i put. khoz. 6 no. 5:19 '62.
Speed up the elimination of defects. V. A. Bashmakov, N. D. Smirnov. Put' i put. khoz. 6 no. 5:18 '62.
Technical and economic advantages of the new system of rolling stock repairs. T. E. Trubachev. Zhel. dor. transp. 44 no. 4:36-41 Ap '62.
Track maintenance forces of the Darnitsa Division. A. M. Shilin. Put' i put. khoz. 6 no. 5:7 '62.

RAILROADS—MAKING UP TRAINS
(see also subdivision under Japan)
Efficient types of the organization of car flows from the loading points. N. I. Kubasov, S. I. Sitnikov. Zhel dor. transp. 44 no. 4:56-60 Ap '62.
Planning the making up of transfer trains. I. M. Martynov Vest. TSNII MPS 21 no. 2:44-48 '62.

RAILROADS—MANAGEMENT
Further tasks in the mechanization and automation of calculation operations. G. I. Koliada. Zhel dor. transp 44 no. 4:42-45 Ap '62.
Well-coordinated work of the plant railroad transportation section and station of approach tracks. A. A. Setinev Zhel. dor. transp. 44 no. 4:59-61 Ap '62.

RAILROADS—PERIODICALS
Readers' conference. A. V. Vesolkov. Put' i put khoz. 6 no. 5:33 '62

RAILROADS—PRODUCTION STANDARDS
In branch labor norms research organizations. Sots trud 7 no. 1 146-151 Ja '62

RAILROADS—RAILS—WELDING
Make wider use of rail welding. K. K. Aleksandrov. Put' i put. khoz. 6 no. 5:9 '62.

RAILROADS—RATES
Russia (1923- U. S. S. R.) Ministerstvo putei soobshcheniia. [Price list No. 10-01 of railroad freight rates; tariff directive Nos. 1 and 2 of the Ministry of Railroad Transportation; rules of tariff application, freight classification, general, special, and official tariffs; Alphabetical index of freight classification] Preiskurant No. 10-01 tarifov na gruzovye zheleznodorozhnye perevozki. Tarifnye rukovodstva No. 1 i 2 Ministerstva putei soobshcheniia; Pravila primeneniia tarifov, nomenklatura gruzov, obshchie i iskliuchitel'nye i sluzhebnyi tarify; alfavit k nomenklature gruzov. Vvoditsia v deistvie s 1 ianvaria 1961 g.... Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1960. 199 p.
Russia (1923- U. S. S. R.) Ministerstvo putei soobshcheniia. [Price List No. 10-01 for railroad freight rates. Tariff directive No. 3 of the Ministry of Railroad Transportation' calculation tables of rates for freight transportation] Preiskurant No. 10-01 tarifov na gruzovye zheleznodorozhnye perevozki. Tarifnoe rukovodstvo No. 3 Ministerstva putei soobshcheniia. raschetnye tablitsy plat za perevozki gruzov. Vvoditsia v deistvie s 1 ianvaria 1961 g.... Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1960. 214 p.

RAILROADS—REPAIR SHOPS see subdivision under Kansas

RAILROADS—SAFETY MEASURES
(see also subdivision under Khovrino)
List of industrial safety and hygiene rules adopted by the Presidium of the Central Committee of the Union of Railroad Workers. Okhr. truda i sots. strakh. 5 no. 4 48 Ap '62.
Russia (1923- U. S. S. R.) Glavnoe upravlenie puti i sooruzhenii. [Regulations on safety measures and industrial sanitation in the performance of operations of protective tree planting on railroads] Pravila po tekhnike bezopasnosti i proizvodstvennoi sanitarii pri proizvodstve rabot po zashchitnym lesnym nasazhdeniiam na zheleznodorozhnom transporte (TsP 2124). Moskva, Transzheldorizdat, 1961. 63 p.
Russia (1923- U. S. S. R.) Glavnoe upravlenie puti i sooruzhenii. [Regulations on safety measures and industrial sanitation in the performance of track work (TsP 2083)] Pravila po tekhnike bezopasnosti i proizvodstvennoi sanitarii pri proizvodstve rabot v putevom khoziaistve (TsP 2083). Moskva, Transzheldorizdat, 1962. 153 p.

RAILROADS—SIGNALING
(see also subdivision under Estonia; Hamburg, Switzerland)
Adjustment of trackside route-relaying block type interlocking systems. B. M. Tarasov. Avtom., telem i sviaz' 6 no. 4:26-28 Ap '62.
Artsen problems. A. A. Khomiakov. Avtom., telem. i sviaz' 6 no. 5:5-6 My '62.
An artificial track circuit. M. V. Kurovskii Avtom., telem. i sviaz' 6 no. 4:15-16 Ap '62.
Centralized traffic control in large railroad junctions. A. I. Vasil'ev, I. S. Oshurkov. Avtom., telem. i sviaz' 6 no. 5:20-21 My '62.
Schematic for connecting the negative busbar in TaBv3x2 commutators. B. A. Kuzovlev. Avtom., telem i sviaz' 6 no. 4:31 Ap '62.
"Selective communications apparatus" by V. I. Katsalapenko. Reviewed by V. M. Davydovskii. Avtom., telem. i sviaz' 6 no. 5:47 My '62.
Signal light networks with semiautomatic block systems should be standardized. K. A. Konovelov. Avtom., telem. i sviaz' 6 no. 4:29-30 Ap '62.
System for signaling the approach of rolling stock P. I. Radchenko. Energetik 10 no. 4:31 Ap '62.
Technical consultations. Avtom., telem. i sviaz' 6 no. 5 45 My '62.
The workers of the Zhmerinka railroad district work like all true Communists should. A. F. Ermolenko Avtom., telem. i sviaz' 6 no. 4:20-22 Ap '62.

RAILROADS—SIGNALING—BIBLIOGRAPHY see Bibliography—Railroads—Signaling

RAILROADS—SIGNALING—BLOCK SYSTEM
Awards presented for the construction of semiautomatic block systems. Avtom. telem i sviaz' 6 no 4 3 Ap '62
Change in the network connections of route controlling devices with a BPI.Ta-type semiautomatic block system P. V. Fedot'ev. Avtom., telem i sviaz' 6 no 4 42-43 Ap '62.
Characteristics of the numerical code system of automatic block signaling with code translation M I. Vakhnin, A. V Shishlinkov. Vest. TSNII MPS 21 no 2 11-16 '62.
Increase in the protection of automatic block systems of electrified railroad districts against overvoltages caused by lightning strokes. M T Lanshchikov, V. L. Laptev. Avtom. telem i sviaz' 6 no 4 32-33 Ap '62
Power fluctuations in high-voltage automatic block system lines operating on 75 c. p. s. B. M. Veigel't. Avtom., telem. i sviaz' 6 no. 5.21-22 My '62.
Signaling equipment should be installed in block units A S. Il'in Avtom. telem i sviaz' 6 no. 4 18-20 Ap '62.

RAILROADS—SIGNALING—INTERLOCKING SYSTEMS
Change of route locking in switch interlocking systems. G S Nakhalov Avtom., telem i sviaz' 6 no 4:37 Ap '62.

RAILROADS—SWITCHES
Concerning the economic effectiveness of using a c. switch drives. V. N. Sedov, V IU Efimov Avtom., telem. i sviaz' 6 no 4 11-14 Ap '62.
The SP-1 electric drive for switches E. A. Fomichev Avtom. telem. i sviaz' 6 no 4 4-6 Ap '62.

RAILROADS—SWITCHING
Change of route locking in switch interlocking systems G. S. Nakhalov Avtom., telem. i sviaz' 6 no. 4:37 Ap '62

RAILROADS—TECHNOLOGICAL INNOVATIONS
(see also subdivision under Tashkent Province)
Use of new technology, inventions and proposals in railroad transportation. Zhel. dor. transp. 44 no. 4:82 Ap '62.

RAILROADS—TIES
It is possible to lengthen the service life of ties. M. P. Bassarskii, S. A. Pashinin. Put' i put khoz. 6 no. 5: 11-13 '62
Machine for tie bandaging. S. IA. Eremkin, S. A. Afanas'ev. Put' i put. khoz. 6 no. 5:42-43 '62.
Methods of oil impregnation of fir, pine and larch ties with preliminary puncturing V. V. Popov, Z. G. Mamontova, T V. Neznaev. Trudy TSNII MPS no 224 58-104 '62.
Preservation and natural drying of ties stored in tie impregnation plants. A. M Baraks Trudy TSNII MPS no 224 4-44 '62

RAILROADS—TIES, CONCRETE see subdivision under Ural Mountain region

RAILROADS—TRACK
First results of the operation of a track with narrowed gauge in straight sections V. D. Nikiforovskii. Put' i put. khoz. 6 no. 5:21-25 '62.
Improve the quality of roadbed construction and maintenance. G. A. Chibizov. Put' i put. khoz. 6 no. 5:40-41 '62.
Letters to the editor. Put' i put. khoz. 6 no. 5:46 '62.
Make better use of track measuring cars. I. A. Aimurzaev. Put' i put. khoz. 6 no. 5:15 '62.
Opinion of a brigade foreman. G. M. Molostov. Put' i put. khoz. 6 no. 5:16 '62.
Potentials of a further strengthening of the track. Put' i put. khoz 6 no. 5:1-3 '62.
"The railroad track" by G. M. Shakhuntants. Reviewed by A. A. Petrukovich and others. Zhel. dor. transp. 44 no. 4:95-96 Ap '62.
Replacing short rails with long rail lengths. A. M. TSybin. Put' i put. khoz. 6 no. 5:10 '62.
Strengthening of track operation and maintenance in the Gomel' Railroad District. F. P. Minko. Zhel. dor. transp. 44 no. 4:70-73 Ap '62.

RAILROADS—TRAFFIC
Interaction of freight and classification yards in junction stations. I. I. Zubkov. Zhel. dor. transp. 44 no. 4: 53-55 Ap '62.
Use of electronic calculating machines in the preparation of local train sheets. N. E. Goncharov. Zhel. dor. transp. 44 no. 4:65-70 Ap '62.

RAILROADS—TRAIN DISPATCHING—PSYCHOLOGICAL ASPECTS
Some problems of operative planning in the work of the stationmaster on duty [with summary in English]. D. N. Zavalishina, V. N. Pushkin. Vop. psikhol. 8 no. 1:3-10 Ja-F '62.

RAILROADS, CABLE
Baramidze, K. M., and I. IA. Kogan. [Suspended passenger cable railroads] Passazhirskie podvesnye kanatnye dorogi. Moskva, Mashgiz, 1962. 215 p.

RAILROADS, INDUSTRIAL
Mechanization of track maintenance of industrial railroads. V. E. Parunakian, M. A. Marfin. Zhel dor. transp 44 no. 4:76-80 Ap '62
Some trends in the development of industrial transportation A. T. Deribas, B. A. Dlugach Zhel dor. transp. 44 no. 4:84-88 Ap '62.
Well-coordinated work of the plant railroad transportation section and station of approach tracks. A. A. Seleznev. Zhel dor. transp. 44 no. 4.80-81 Ap '62.

RAILROADS, INDUSTRIAL—FREIGHT CARS
Most advantageous diagram for a car-exchange center V. Bondarenko. Mor flot 22 no. 4:9-12 Ap '62

RAILROADS, INDUSTRIAL—SAFETY MEASURES see subdivision under Moscow

RAILROADS, MINE see Mine railroads

RAILROADS, NARROW-GAUGE
Action exerted by a narrow-gauge diesel locomotive on the track. A. I. Smirnov, O. S. Skvortsov. Put' i put khoz. 6 no 5:47-48 '62.
Container type cars for narrow-gauge railroads. A. I. Sokolov. Torf. prom 39 no. 3:9-10 '62

RAILROADS, NARROW-GAUGE—RAILS
Temperature stress of tracks in narrow-gauge logging railroads. B. I. Kuvaldin. Izv. vys. ucheb. zav., les. zhur. 4 no 6:51-60 '61.

RAILROADS, NARROW-GAUGE—RAILS—WELDING
Welding of narrow gauge railroad rails. P. I. Bukshtynov. Torf. prom. 39 no. 3:8-9 '62

RAILROADS, SUSPENDED
Single-rail suspended railroads. S. A. Stefanenko. Mekh. i avtom proizv 16 no. 3 33-35 Mr '62.

RAIN AND RAINFALL
Distribution of inert impurities in the atmosphere during rain. F. A. Gisina Izv. AN SSSR. Ser geofiz. no 4: 567-572 Ap '62.

RAKHMANOV, ALEKSANDR NIKOLAEVICH, 1861-1926
The 100th anniversary of the birth of O. M. Rakhmanov. L. Kh. Dukhin. Ped., akush. i gin. 23 no. 3:64 '61.

RAKHMANOV, VIKTOR ALEKSANDROVICH, 1901-
Professor V. A. Rakhmanov corresponding member of the Academy of Medical Sciences of U.S.S.R. on his 60th birthday. A. M. Levin. Vest. derm. i ven. no. 6:93-94 '61.

RAKOV, ALEKSANDR IVANOVICH, 1902-
Aleksandr Ivanovich Rakov; on his 60th birthday Vop. onk. 8 no. 3:121-122 '62

RAKOVSKII, LEONTII OSIPOVICH
Through the eyes of a soldier. L. Punin. Neva no. 2: 185-186 '62.

RAMLAU, PAVEL NIKOLAEVICH, 1902-
Sixtieth anniversary of the birth of an outstanding scientist V. N. Listov and others. Avtom., telem. i sviaz' 6 no. 4:44 Ap '62.

RAMS
Castration of mature rams. M. A. Khanin. Trudy AZVI 9:210-232 '58.

RAPALLO, TREATY OF, 1922
The Treaty of Rapallo. Mezhdunar. zhizn' 9 no. 5: 150-151 My '62.

RAPE
In the Presidium of the Supreme Soviet of the U.S.S.R. Sov. iust. no. 6.25 Mr '62.

RARE EARTH FLUOCARBONATE see subdivision under Kirghizistan

RARE EARTH FLUORIDES—SPECTRA
Line spectrum of activated crystals (rare earth ions in MeF_2 single crystals). P. P. Feofilov. Izv. AN SSSR. Ser. fiz. 26 no. 4 435-440 Ap '62.

RARE EARTH METALS
(see also subdivision under Lovozero Tundras)
Particular features of the iodate precipitation of thorium and titanium subgroup elements from scandium-containing solutions. M. L. Navtanovich, A S. Cherniak. Zhur. prikl. khim. 35 no. 4:730-735 Ap '62.

RARE EARTH OXIDES
Conversions of CeO_2, Nd_2O_3, Sm_2O_3 and their interaction with fused lithium and potassium chlorides and with sodium carbonate and sodium sulfate N. K. Voskresenskaia, S. I. Berul'. Zhur. neorg. khim 7 no. 4:850-855 Ap '62.

RARE EARTH SILICATES
Problem of the structure of rare earth pyrosilicates. A. N. Lazarev and others. Izv. AN SSSR. Otd. khim. nauk no. 4:557-560 Ap '62.

RARE EARTHS
Commercial significance of rare earths. B. I. Kogan. Trudy Inst. min., geokhim. i kristallokhim. red. elem. no. 2:293-331 '59.

Complexometric determination of rare earth elements and thorium. S. P. Onosova Zav lab 28 no 3:271-273 '62
Scandium in rare earth minerals. L. F. Borisenko. Trudy Inst. min., geokhim. i kristalokhim. red elem no 2:78-83 '59.
Separation of rare earth elements by means of anion exchangers in their hydroxyl form A. I. Riabinin, IU. A. Koz'min Zhur prikl khim 35 no 3 498-503 Mr '62
Separation of thorium and rare earth elements on the cation exchange resin KU-1 A. I. Zhukov, V N. Onosov, A. N. Shevtsov Zhur. neorg. khim 7 no. 4.826-829 Ap '62

RARE EARTHS—ANALYSIS
Separation of rare earth elements from materials containing iron, calcium and phosphates [with summary in English]. E. V. Zaitkovskii, E. V. Burtova, G F Sadova. Zhur. anal khim. 17 no 2 202-205 Mr-Ap '62.

RARE EARTHS—ISOTOPES
Separation of the rare earth fission fragments from uranium and thorium without a carrier. R. V. Sedletskii, K A. Petrzhak Radiokhimiia 4 no 1.99-102 '62.

RARE EARTHS—SPECTRA
Successive spectrophotometric titration of thorium and of the sum of rare earth elements [with summary in English]. V M. Peshkova, M. I Gromova, N. M. Aleksandrova Zhur anal khim. 17 no. 2.216-221 Mr-Ap '62

RASSKAZOVO DISTRICT—RURAL LIBRARIES
With books on the farm. A. Ozarovskaia Bibliotekar' no 4 28-29 Ap '62

RAT BAITS AND REPELLENTS
Difenatsin as a raticide. A. A. Zotova. Veterinariia 38 no. 1:72-74 Ja '61.

RAUBER, AUGUST, 1841-1917
From the life and work of A. S. Rauber. G. Kh. Rooks, E. P. Kogerman. Arkh anat. gist. i embr. 42 no 1: 110-116 Ja '62.

RAUD, KRISTJAN, 1865-1943
Kangro-Pool, Rasmus. [Kristjan Raud, 1865-1943] Kristjan Raud, 1865-1943. Tallinn, Eesti NSV Kunst, 1961. 186 p. illus. [In Estonian with summary in Russian]

RAUWOLFIA—THERAPEUTIC USE
Effectiveness of Rauwolfia serpentina preparations in hypertension. S. I. Litenko Vop. pat. krovi i krovoobr. no. 5:180-187 '59.

RAYNAUD'S DISEASE
Bioelectrical activity of the brain in Raynaud's syndrome [with summary in French] A. M. Kiseleva, Z. S. Mel'nitskaia. Zhur. nevr. i psikh 62 no 1:70-77 '62

RAYON
Effect of the double impregnation of a viscose cord on its properties and strength of bonding to rubber. T. V. Ionova, Z. I. Suleimanova, R. V. Uzina. Kauch i rez. 21 no. 4:3-7 Ap '62.

RAYS, INFRARED see Infrared rays

REACTION-TIME
Studying the rate of motor reactivity in track and field athletes for systematic athletic training. V. I Baryshev Teor. i prak. fiz. kul't. 25 no 2:72-76 F '62.

REACTORS (NUCLEAR PHYSICS) see Nuclear reactors

REARRANGEMENTS (CHEMISTRY)
Amidoester rearrangement of di(β-chloroethyl) amides of aminocarboxylic acids. T. S. Safonova, S I. Sergievskaia Zhur. ob. khim. 32 no. 4:1351-1352 Ap '62.

RECKLINGHAUSEN'S DISEASE see Neurofibromatosis

RECKLINGHAUSEN'S DISEASE OF BONE see Osteitis fibrosa

RECLAMATION OF LAND see subdivision under Germany, East; Soviet Central Asia; Volga Valley

RECLAMATION OF LAND—BIBLIOGRAPHY see Bibliography—Reclamation of land

RECONNAISSANCE, MILITARY see Military reconnaissance

RECORDING INSTRUMENTS
Device for recording the working time of a testing stand. N. M. Ivanov. Priborostroenie no. 3.27 Mr '62.

RECORDING INSTRUMENTS—TESTING
Characteristics of the device for testing indicators. F. P. Volosevich. Izm. tekh. no. 4:63 Ap '62.

RECORDS, MEDICAL see Medical records

RECORDS, PHONOGRAPH see Phonorecords

RECREATIONS, SCIENTIFIC see Scientific recreations

RECTUM
Rectoromanoscopic determination of the tonus of the terminal segment of the large intestine. V. G. IAnchev. Klin. med no. 2:125-132 '62.

RECTUM—ABNORMITIES AND DEFORMITIES

Congenital stenosis of the anus and rectum in children. N.B.Sitkovskii. Pediatriia no.4,84-85 '62.

RECTUM—SURGERY

Apparatus for rectal resections in farm animals. N.A Kozlov. Veterinariia 38 no.1 58 Ja '61.

RECTUM—TUMORS

Artificial hypotension in radical operations for tumors of the sigmoid and rectum I. A. Frid. Vop onk 8 no 4: 30-36 '62

RED CROSS

Young helpers. I F Kalininskii Med. sestra 21 no. 4 51-52 Ap '62.

RED MULLETS see subdivision under Sevastopol, Bay of

REDUCTION, CHEMICAL

Low-temperature reduction with carbon of uranosic-uranous oxide V. G. Vlasov, V. A. Kozlov Zhur prikl khim 35 no 3 660-663 Mr '62

REDUCTION, ELECTROLYTIC

Mechanism of the reduction and electrolytic reduction of acrylic acid on a Pd electrode. I I Kulakova, A V Shashkina. Vest. Mosk. un Ser. 2 khim 17 no 2 36-39 Mr-Ap '62.

REDWOOD see subdivision under Crimea

REED, JOHN, 1887-1920

John Reed's unpublished letters. L Kramov Novyi mir 38 no. 1:261-262 Ja '62

REED (BOTANY)

Production of organic acids from the prehydrolysate of reed G. O. Berezina. Trudy Inst. mikrobiol i virus. AN Kazakh. SSR 5:77-80 '61.

Using wild reed for preparing fodder yeast N. L. Titen'kova. Trudy Inst. mikrobiol. i virus. AN Kazakh. SSR 5:69-76 '61.

REFERENCE BOOKS

R [illegible]

bibliograficheskaia literatura; metodicheskie materialy dlia studentov. Moskva, Mosk. gos. ekon. in-t, 1959. 73 p.

[MICROFILM]

REFLEXES

Change in the conditioned reflex activity of dogs during prolonged cholesterol and methylthiouracil feeding [with summary in English]. N Kudriavtseva, T. Lovingina, T. Sinitsina. Biul. eksp. biol. i med. 53 no.4;46-49 Ap '62.

Characteristics of conditioned and unconditioned vascular reflexes in acute disorders of the cerebral circulation [with summary in French]. Kh. Kh. IArullin, Z. A. Solov'eva. Zhur. nevr. i psikh. 62 no. 1;51-53 '62.

Conditioned and unconditioned reflex control of the blood vessels in latent focal infections and rheumatic fever. E. I. Belineva. Vop. pat. krovi i krovoobr. no. 5:30-44 '59.

Correspondence of the intensity of retinal reaction to the intensity of unconditioned and conditioned stimuli [with summary in English]. B. V. Anokhin. Biul. eksp biol i med. 3[i. e. 53] no 3 19-22 Mr '62.

Effect of the hypothalamic region on the dynamics of spinal reflexes in rabbits after total-body X-ray irradiation [with summary in English]. Z. M. Gvozdikova. Pat. fiziol. i eksp. terap. 5 no 6:15-21 N-D '61.

[illegible] sternocleodomastoid muscles in [illegible] mary in English]. M. V. Koro- [illegible] Biul eksp biol i med 53 no 4:

REFRACTOMETER

Refractometric method for determining the concentration of cell sap in plants [with summary in English]. E. A. IAblonskii Trudy GNBS 32 101-105 '60

REFRACTOMETRY

Refractometric study of alkaline earth metal fluorides in aqueous solutions. E. O. Petrova Zhur. neorg khim 7 no. 4;935-937 Ap '62.

REFRACTORIES INDUSTRY see subdivision under Zaporozh'ye

REFRACTORIES INDUSTRY—EQUIPMENT AND SUPPLIES

Semiautomatic machine for cutting blanks. M M Alekseev, E. F. Demidov. Ogneupory 27 no. 4 192-195 '62.

REFRACTORY CONCRETE

Service of concrete on a base of high-alumina cement in electric furnace arches M. N. Kaibicheva, L. IA Pivnik, N I Mar'evich Ogneupory 27 no 1 166-171 '62.

REFRACTORY MATERIALS

Effect of certain additions on the sintering and properties of periclase high-refractory ceramics. D N. Polubotarinov, R IA Popil'skii, TSzian Dun-khua [Chiang Tung-hua] Ogneupory 27 no 4 176-184 '62.

TSigler, V. D. [Refractory materials for lining steam boiler fireboxes on ships] Ogneupornye materialy, primeniaemye dlia kladki topok parovykh kotlov na morskikh sudakh. Moskva, Izd-vo "Morskoi transport," 1962. 81 p. (Biblioteka sudovogo mekhanika morskogo flota)

REFRACTORY MATERIALS—BIBLIOGRAPHY see Bibliography—Refractory materials

REFRACTORY MATERIALS—QUALITY CONTROL

Petrographic investigation of rejected magnesite (periclase) firebrick L I Kariakin, B. D Minkovich. Ogneupory 27 no. 4 172-178 '62.

REFRIGERATION AND REFRIGERATING MACHINERY (see also subdivision under Melitopol')

Alekseev, P. A., and N. A. Moiseeva. [Use of refrigeration in the manufacture of grape wine and concentrated juices] Primenenie kholoda v proizvodstve vinogradnykh vin i kontsentrirovannykh sokov. Moskva, Gostorgizdat, 1962. 47 p. (Obzor zarubezhnoi khlodil'noi tekhniki)

Awards of the International Institute of Refrigeration Khol tekh 39 no. 2 59-60 Mr-Ap '62.

Conference and seminar of Maintenance and Assembly Combine chief engineers of the Rostorgmontazh Trust Khol. tekh. 39 no 2:54-55 Mr-Ap '62.

Conference of the managers of "Rosmiasoptorg" enterprises and organizations Khol. tekh. 39 no. 2 55 Mr-Ap '62.

Counter for cold juices and ice cream. Sov. torg. 35 no. 4:48-49 Ap '62.

"Fundamentals of refrigeration technology" by F. IA. Meshcheriakov. Reviewed by M. Il'inskii. Sov. torg. 35 no. 4:36-37 Ap '62.

The MKhU-12 refrigerating unit. O. N. Rodionov. Mashinostroenie no. 2:100-101 Mr-Ap '62.

New instrument for measurement and control of air humidity in the cooled space. E. M. Agarev, I. A. Pavlova, V. S Matskin. Khol. tekh 39 no 2 9-13 Mr-Ap '62.

Plenum of the Technical and Scientific Coordinating Council Khol. tekh 39 no. 2 56 Mr-Ap '62.

Selecting the type of electric motors for ammonia refrigerating systems. L. IA. Shapiro. Khol. tekh. 39 no. 2 49-52 Mr-Ap '62.

Special fund of the International Institute of Refrigeration for the advancement of refrigeration sciences and technology. Khol. tekh. 39 no. 2:58-59 Mr-Ap '62.

REFRIGERATION AND REFRIGERATING MACHINERY—ABSTRACTS

[Compressors and refrigeration engineering] Ref. zhur. Otd. vyp. 34: Komp. i khol. tekh. nos. 6-7, 9, Mr-My '62.

REFRIGERATION AND REFRIGERATING MACHINERY—BIBLIOGRAPHY see Bibliography—Refrigeration and refrigerating machinery

REFRIGERATION AND REFRIGERATING MACHINERY—DESIGN AND CONSTRUCTION

Design and calculation of absorption lithium-bromide refrigerating systems in connection with varying operating conditions. N. M. Zinger. Khol. tekh. 39 no. 2: 18-23 Mr-Ap '62.

Refrigerating machinery manufacture during 1961 and its tasks for 1962. V. I. Blinov. Khol. tekh. 39 no. 2:1-3 Mr-Ap '62.

REFRIGERATION AND REFRIGERATING MACHINERY—STANDARDS

Freon refrigeration units. V. V. Vekshin. Standartizatsiia 26 no. 4:43-44 Ap '62.

REFRIGERATION ON SHIPS

Design characteristics and testing results of the type DAU-80 ammonia two-stage compressor. M. G. Shumelishskii, E. M. Bezhanishvili, V. P. Rastorguev. Khol. tekh. 39 no. 2:4-9 Mr-Ap '62.

"Ejector-type refrigerating machinery" by M. G. Shumelishskii. Reviewed by A. P Dobrovol'skii. Sudostroenie 28 no 3 73 Mr '62.

REFRIGERATOR CARS

Mechanically cooled refrigerator cars. M. M. Shapovalenko, P. G. Makarenko Khol. tekh. 39 no 2 27-30 Mr-Ap '62

REFRIGERATOR SHIPS

Series of refrigerator ships. V. A. Svimarenko Sudostroenie 28 no 4:80-81 Ap '62

REFRIGERATORS

Performance of the electric motors of home refrigerators under conditions of increased and reduced voltage I. N. Krugliak. Khol tekh 39 no. 2 45-48 Mr-Ap '62

REFUGEES, EAST INDIAN—POLITICAL ACTIVITIES

Activities of the patriotic organizations of Indian emigrants in 1905-1917 A V Raikov. Nar Azii i Afr. no. 2:120-128 '62.

REFUGEES, LATVIAN

[Appeal of Soviet Latvian women to Latvian women in the western zones of Germany and Austria, to all Latvian women in exile] Padomju Latvijas sieviesu atcinajums, latviesu sievietem Vacijas un Austrijas rietumu zonas, visam latviesu sievietem svesuma. Riga, Latvijas Valsts izdevnieciba, 1949. 17 p. [In Latvian]

Jablonskis, A. [To Latvians in exile] Tautiesiem svesuma. Riga, Latvijas Valsts izdevnieciba, 1949. 14 p. [In Latvian]

REFUSE AND REFUSE DISPOSAL see subdivision under Orekhovo-Zuyevo

REGENERATION (BIOLOGY)

Reparative regeneration of ovaries in cows, female rabbits, and chickens N E. Shalduga Veterinariia 37 no 12:49-51 D '60.

Stimulation of restorative regeneration of the liver by subcutaneous glycogen administration [with summary in English]. B. P. Solopaev, G. A. Solov'eva, B. I. Luzika. Biul. eksp. biol. i med. 53 no. 4,104-108 Ap '62.

X-ray observation of the regeneration of a bone homotransplant in chronic lead-poisoning in an experiment E. Abdrakhmanov. Trudy Semipal. med inst. 2 49-51 '59

REGENERATION (BIOLOGY)—CONGRESSES

Second conference on problems of regeneration and cell. T. B. Timashkevich Pat. fiziol. i eksp. terap. 5 no 4: 81-84 N-D '61.

REGIONAL ILEITIS

Case of Crohn's disease. E. M. Zagnitkovskaia, I. D. Rozanov, R. S. Rubinov. Vest. rent i rad. 37 no. 2: 57-61 Mr-Ap '62.

Case of terminal ileitis (Crohn's disease). S. A. Hal'ter. Vest. rent. i rad. 37 no. 2 56-57 Mr-Ap '62

REINDEER

Secrets of the reindeer. Igor' Akimushkin. IUn nat. no. 3,28 Mr '62.

REINDEER—DISEASES AND PESTS

Brucellosis in the regions of the Far North. Report No 4: Study of Brucella cultures isolated from reindeers [with summary in English]. I. I. Cherchenko, O. A Bakaeva. Zhur. mikrobiol., epid. i immun. 33 no. 3 69-76 Mr '62.

Characteristics of strains of Brucella isolated from reindeers [with summary in English]. A. F. Pinigin, O S Petukhova. Zhur. mikrobiol., epid. i immun 33 no 3 76-81 Mr '62.

REINFORCED CONCRETE—TESTING

Role of the compressed zone in the work of bending reinforced concrete elements V. K. Balavadze. Soob. AN Gruz. SSR 28 no. 1;65-72 Ja '62.

REINFORCED CONCRETE CONSTRUCTION

Engineering characteristics of reinforced concrete girders with multiple-series welded reinforcements for roofs of industrial buildings. S. S Krupennikov, M. I Bychkov, A. D. Lizarev. Trudy NII prom. zdan i soor no. 5,5-12 '61.

Gorskii, V. V. [Design of reinforced concrete structures subject to torsional forces] Proektirovanie zhelezobetonnykh konstruktsii, podverzhennykh kruchentiu. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1961. 139 p. (Biblioteckka inzhenera-konstruktora)

Method of joining reinforced concrete slabs for a flexible apron. I. S. Kuvykin. Gidr. stroi. 32 no. 4:47-48 Ap '62.

Monoszon, A. I. [Wide-span, precast, prestressed, reinforced concrete galleries] Bol'sheproletnye sbornye predvaritel'no napriazhennye zhelezobetonnye galerei Leningrad, Gos. izd-vo lit-ry po stroit., arkhit i stroit. materialam, 1962. 250 p.

New reinforced concrete towers. M. A. Reut. Energ stroi. no. 25,72-76 '61.

Pasternak, P. L., and others. [Reinforced concrete structures; special course for the faculties of industrial and residential building] Zhelezobetonnye konstruktsii; spetsial'nyi kurs dlia fakul'tetov promyshlennogo i grazhdanskogo stroitel'stva. Pod obshchei red. P. L. Pasternaka. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 855 p.

Vibratory stamping of reinforced concrete structures for thermal electric power plants. M. M. Novikov, N. V. Miakushin, K. I. Pavlov. Energ. stroi. no. 25:35-39 '61.

REINFORCEMENT IN CONCRETE see Concrete reinforcement

REKEMCHUK, ALEKSANDR EVSEEVICH, 1927-
"Young and green" by A. Rekemchuk Reviewed by I Terakopian. Vokrug sveta no. 1,57 Ap '62.

RELATIVITY (PHYSICS)
History of the watch paradox and space flights. I Blegla. Vop. fist. est i tekh no. 12:104-109 '62.
System of rotating bodies of arbitrary shape in the general theory of relativity. Z A. Aitekeeva Trudy Inst fiz. AN Kazakh SSR 5 164-173 '62

RELAYS, ELECTRIC see Electric relays

RELIGION
(see also subdivision under Russia)
God is raising an ax.... Valentin and Ernst Safonov. Sov. profsoiuzy 18 no 9 26-28 My '62.
[Truth about religion] Pravda o religii. Frunze, Kirgizskoe gos. izd-vo, 1960. 111 p.

RELIGION—BIBLIOGRAPHY see Bibliography—Religion

RELIGION—CONTROVERSIAL LITERATURE
Religion is the enemy of patriotism and internationalism T Kychko. Voiov. ateist no. 5,44-48 My '62.

RELIGION, PRIMITIVE
"Pre-religious epoch, history of the formation of social consciousness" and "Has religion always existed?" by V F. Zybkovets Reviewed by I A. Kryvelev. Sov etn. no. 2:141-149 Mr-Ap '62.

RELIGION AND COMMUNISM see Communism and religion

RELIGION AND PSYCHIATRY see Psychiatry and religion

RELIGION AND SCIENCE
Blagodarova, G. V. [Working masses do not need religion] Religiia ne nuzhna trudiashchimsia. Frunze, Kirgizskoe gos. uchebno-pedagog. izd-vo, 1960. 60 p.
Triumph of the human mind. N Dobor. Voiov. ateist no. 4:14-18 Ap '62.

REMADE MILK see Milk, Remade

REMBRANDT, HERMANSZOON VAN RIJN, 1606-1669
The influence of Rembrandt's school on Dutch faience [with summary in French]. O. E Mikhailova Trudy Gos. Erm 6 no 2 211-219 '61
Rembrandt's painting "The parable of the winegrowers" [with summary in French]. IU I Kuznetsov Trudy Gos. Erm 6 no 2 60-68 '61.

REMOTE CONTROL
Choice of a wire communication system for remote control apparatus in oil production P. A Ivankov Trudy VNII no. 22:20-21 '59
Current collector with a remote control. I. N. Bogachko. Zav. lab. 28 no 3:364-366 '62
Economic efficiency of remote control methods in oil production. G. A. Volkova and others Trudy VNII no. 22:136-149 '59.
Economic efficiency of remote control of water-intake wells in edge water flooding. G. A. Volkova. Trudy VNII no. 22:150-153 '59.
Improving the regulation of water distribution in irrigation canals. K. A. Avilanova Vop. gidr. no. 3:27-31 '61.
Operation of the automatic remote control system on 18D engines. M. Burak. Rech transp. 21 no 4:29 Ap '62.
[Remote control apparatus in mines] Telemekhanicheskie ustroistva na shakhtakh. [By] E. S. Snagovskii i dr. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1962. 276 p.
Remote control of the starting of main engines on Czechoslovak-built 43D-350 dredging machines. N. Penkin. Rech. transp. 21 no. 4:40-41 Ap '62.
A remote control system. V. Revnov Radio no. 4:45-50 Ap '62.
Selection of an efficient TU-TS system for remote control of substations. A. F. Il'inykh. Izv. vys. ucheb. zav., gor. zhur no. 3 133-138 '61.

REMOTE CONTROL—CONGRESSES
Eighth Scientific and Technical Conference of the Young Scientists of the Institute of Automatic and Remote Control. Avtom. i telem. 23 no. 4:546-549 Ap '62.

RENAL ARTERY ANEURYSMS
Rare case of anomaly of development of the blood vessels (aneurysms of the renal arteries and structure of the abdominal aorta) [with summary in English]. N. A. Nemirovskaia. Arkh. pat. no. 7,80-82 '61.

RENAL INSUFFICIENCY
Normalization of electrolyte metabolism under the influence of hemodialysis and conservative treatment of acute renal insufficiency. V. A. Agranenko, I. L. Vinogradova. Probl. gemat. i perel. krovi no. 4:37-43 '62.

RENOIR, AUGUSTE, 1841-1919
Renoir's painting technique. A. Vinner, A. Laktionov. Iskusstvo 25 no. 3:54-60 '62.

REPAIR AND SUPPLY STATIONS—HYGIENIC ASPECTS
"Labor hygiene in machine and tractor workshops of repair and supply stations" by R. D. Gabovich and P. N Maistruk. Reviewed by I. M. Trakhtenberg. Gig truda i prof zab 4 no 4:59 Ap '60.

REPORTERS AND REPORTING
(see also subdivision under Ukraine)
After the congress. N. Perasun'ko, S. Froimchuk. Sov. pech. no. 2:12-13 F '62.
Brief news. Sov. pech. no. 3 63 Mr '62.
Editor's mail. Sov. pech. no. 2 8-17, 51-52 F '62.
The only reward. . T Smirnova Moskva 6 no. 1 166-167 '62

REPORTS, INDUSTRIAL see Industrial reports

REPRESENTATIVE GOVERNMENT AND REPRESENTATION see subdivision under Uzbekistan

RESEARCH
(see also subdivision under Arctic regions)
Coordination of research in an institution of higher learning with many faculties. N. Kh. D'iachenko Vest vys. shkoly 20 no 4:55-57 Ap '62
In the State Committee of the Council of Ministers for the Coordination of Research Work. A. Sipko Torf prom. 39 no. 3:31-35 '62.
Plenum of the Technical and Scientific Coordinating Council. Khol. tekh 39 no. 2 56 Mr-Ap '62.
Tasks in Soviet acoustics in the light of decisions adopted by the 22d Congress of the CPSU Akust. zhur 8 no 1 3-6 '62.
This is needed most urgently B. P. Kozyrev. Vest vys. shkoly 20 no 4:52-55 Ap '62.

RESEARCH—INTERNATIONAL COOPERATION
Awards of the International Institute of Refrigeration. Khol tekh. 39 no. 2:59-60 Mr-Ap '62.
Special fund of the International Institute of Refrigeration for the advancement of refrigeration sciences and technology. Khol tekh. 39 no 2,58-59 Mr-Ap '62

RESEARCH, INDUSTRIAL
El'meev, V. IA., and M. IA. Korneev. [Increased role of science in the building of communism] Vozrastanie roli nauki v stroitel'stve kommunizma. [Leningrad] Izd-vo Leningr. univ., 1962. 82 p.
In the Research Institute of Technology and Industrial Management. Av. prom. 26 no. 8:112-113 Ag '57.

RESERVOIRS
(see also subdivision under Ternopol)
Inadequate methods of waste water analysis are retarding the improvement of the sanitary condition of reservoirs. N. Zhaksybaev and others. TSvet. met 35 no. 3 86-87 Mr '62
Radioactivity of the water in open reservoirs [with summary in English]. V. M. Kuptsinova, E. S. Romanova. Gig. i san. 27 no. 3:14-17 Mr '62.

RESHETOV, ALEKSANDR EFIMOVICH, 1909-
"Grove"; verse by Aleksandr Reshetov. Reviewed by N. Kutov. Neva no. 2:187-189 '62.

RESINS see Gums and resins

RESINS, SYNTHETIC
Apparatus for determining the gelatinization time of epoxide and polyester compositions. M. M. Isakovich, R. V. Molotkov. Plast. massy no. 5:60-61 '62.
Gelatinization of poly(vinyl chloride) pastes. D. F. Sokolova, O. G. Tarakanov. Plast. massy no. 3:5-7 '62.
Hardened polyester resin as a stationary phase in gas chromatography. M. S. Vindergauz, K. A. Gol'bert, R. A. Zimin. Khim. i tekh. topl. i masel 7 no. 4:69-72 Ap '62.
Method of determining the adhesion o face of glass fibers. G. V. Shirinev Plast. massy no. 5:43-46 '62.
Self-extinguishing (fire-resistant) uns resins. P. Z. Li, E. L. Kaganova, Z Plast. massy no. 5:10-15 '62.
Synthesis of hydrocarbon-formalde use as film formers. K. I. Ratni i tkh prim. no. 1:17-20 '62.
Urea-acetone-formaldehyde resin: others. Plast. massy no. 4:9-12
Use of vinyl acetate in the produc A. S. Vain, N. P. Fedorenko. Pla '62.

RESONATORS, ELECTRIC see Ele

RESPIRATION
Effect of barometric pressure on I through various skin areas. N. I prof. zab. 4 no. 3:54-55 Mr '
Effect of camphor on the coronary indices of carbohydrate and oxyg myocardium [with summary in E T. F. Marina, G. E. Barkovskaia. no. 1:77-81 Ja-F '62.
Effect of cardiovascular diseases c tion according to roentgen kymog man. Vop. pat. krovi i krovoobr.
Effect of pleural adhesions on the function of external respiration [with summary in English] P. P. Firsova Gig. i san. no. 2:46-51 '62.
Formation of the respiratory conditioned reflex in white rats by combining the indifferent sound stimulus with the inhalation of carbon dioxide L. I Kriachko. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. no. 9 45-50 '61.
Functional mobility of the respiratory center and thermoregulation at the initial stage of experimental pneumokoniosis A. O. Navakatikian Gig. truda i prof zab 4 no 1 20-23 Ap '60.
Gas metabolism in rheumatism. V A Sobolev. Trudy Semipal. med. inst. 2 184-192 '59
Morphology of auxiliary respiratory muscles in some mammals M I. Blekhman Trudy AZVI 9 334-342 '56
Oxygen absorption by some planktonic crustaceans in the Bay of Sevastopol. E. V Pavlova. Trudy SBS 14 79-90 '61
Oxygen consumption by the red mullet (Mullus barbatus ponticus Essipov) at different temperatures and its relation with the daily rhythm and intensity of feeding. N IA Lipskaia Trudy SBS 14 202-214 '61
Oxygen requirement and lactic acid content in the blood in strenuous muscular work. N. I. Volkov. Fiziol. zhur. 19 no. 3,311-320 Mr '62.
Permissible and critical concentrations of oxygen with respect to the young of fishes in the Black Sea E M. Kalinina Trudy SBS 14 215-219 '61
Respiratory component of food and electric defense conditioned reflexes in white rats. M. G Gasanov. Trudy Inst. vys. nerv. deiat. Ser. patofiziol no 9,51-54 '61.
Study of the forced vital capacity of the lungs in silicosis [with summary in English]. K. IA Shishlovskaia. Gig truda i prof. zab. 4 no 4 23-28 Ap '60

RESPIRATION—CONGRESSES
All-Union conference on the physiology, pathology and clinical aspects of respiration. M. V. Sergievskii. Fiziol. zhur. 48 no. 3:368-370 Mr '62

RESPIRATION, ARTIFICIAL see Artificial respiration

RESPIRATORS
Possibility of using the SHB-1 "Lepestok" respirator in nonferrous metallurgical enterprises N. S. Pakhotina, K. V. Lebedeva, A. F. Soklakov. Zdrav. Kazakh. 22 no. 2:61-63 '62.

RESPIRATORY ORGANS—DISEASES
Observations on the course of the chronic respiratory disease in chickens. IA. R. Kovalenko and others Veterinariia 39 no 12 34-42 D '60.
Occupational diseases of the upper respiratory tract in persons working in electrolytic nickel refining shops [with summary in English] A. A. Tatarskaia. Gig truda i prof zab 4 no 6 35-38 Je '60
State of the upper respiratory tracts in some diseases of the internal organs. D. N. Ten. Trudy Semipal. med. inst. 2:271-276 '59.

REST
Effect of passive and active rest on the state of the cardiovascular system during subsequent work and relaxation after work. S. I. Krapivinteeva, R. I. Platkovskaia, M. A. Minaeva. Teor. i prak. fiz. kul't. 25 no 3,41-47 Mr '62.
Influence of the length of rest periods on the training effect resulting from repeated muscular exercise. N. I. Volkov. Teor. i prak. fiz. kul't. 25 no. 2,32-35 F '62.

RESTAURANT MANAGEMENT
(see also subdivision under Bulgaria)
How to determine weighted mean prices. O. Narkevich. Obshchest. pit. no. 3:40-44 Mr '62.

RESTAURANTS, LUNCHROOMS, ETC.—COMPETITIONS
We shall keep the Red Banner. M. Rushkina. Obshchestv. pit. no. 1,3 Ja '62

RESTAURANTS, LUNCHROOMS, ETC.—DESIGN AND CONSTRUCTION
Food Service Combine. E. Torzhkov, V. Khrenov. Obshchestv pit. no 1:39-44 Ja '62.
Standard restaurants. T. Potskhishvili, A. Sharoian. Obshchest. pit. no. 3:45-49 Mr '62.

RESTAURANTS, LUNCHROOMS, ETC.—EMPLOYEES (see also subdivision under Vladimir)
Letters to the editor. Obshchestv. pit. no 1,46 Ja '62.
Useful recommendations. N. Marinina. Obshchestv. pit. no. 1:47-48 Ja '62

RESTAURANTS, LUNCHROOMS, ETC.—EQUIPMENT AND SUPPLIES (see also subdivision under Al'metyevo)
Apparatus for washing food products in running water. K. Shaianova. Obshchest. pit. no. 3 34-35 Mr '62.
Cooker for eggs. N. Vaganova. Obshchest. pit. no. 3,36 Mr '62.
Device for stamping ravioli A. Savin. Obshchest. pit. no. 3:35 Mr '62.
Improved automatic hamburger shaping machine IU. Bakhtadze. Obshchestv. pit. no 1:38 Ja '62.
More semiprocessed products! Obshchest. pit. no. 3, 1-2 Mr '62.

RESUSCITATION
Second All-Union Conference on the Pathology and treatment of terminal States. M. M. Mel'nikova. Zdrav. Turk. 6 no 1,43-45 Ja-F '62.
Some mechanisms of the activity of the higher sections of the central nervous system in dogs after heavy exsanguination. L. I. Kotliarevskii and others. Trudy Inst. vys. nerv deiat. Ser. patofiziol. no 9 73-82 '61.

RETAIL TRADE (see also subdivision under Andreyevskiy District; Chelyabinsk; Kuybyshev; Leningrad)
Laws and prospects for the development of retail trade turnover. L. Genkina Sov potreb. koop 6 no 4 51-54 Ap '62
More creative thought. I. Ivanov. Sov. torg. 35 no. 4: 3-6 Ap '62.
We should meet the demands of workers better. Agitator no 10:23-26 My '62.

RETAIL TRADE—ACCOUNTING
Improve the mechanization of accounting in local trade organizations A. Kuprienko Bukhg. uchet 19 no 4: 22-31 Ap '62
Let's improve the accounting and planning of vending machine work. A. Kravchenko. Sov. torg. 35 no. 1: 25-26 Ap '62.

RETICULO-ENDOTHELIAL SYSTEM
Changes in the bactericidal function of the skin and absorptive capacity of the reticulo-endothelial system under the influence of vitamin B_{12} [with summary in English] O. V. Bukharin. Zhur. mikrobiol., epid. i immun. 33 no. 3 98-102 Mr '62.

RETINA
Correspondence of the intensity of retinal reaction to the intensity of unconditioned and conditioned stimuli [with summary in English]. B. V. Anokhin. Biul. eksp. biol. i med. 3[i. e. 53] no. 3:19-22 Mr '62.

RETINA—BLOOD SUPPLY
Acute ischemia of the retina in pregnancy. M. N. Krol'. Oft. zhur no. 2:78-81 '62.

RETINA—DISEASES
Anatomical substrate of cotton-wool spots on the retina (Results of studying the interstitial substance of the retina) [with summary in English]. V. N. Arkhangel'skii. Vest. oft. no. 2:8-13 '62.

RETINA—WOUNDS AND INJURIES
Operations of buckling and riffling the sclera in retinal detachment [with summary in English]. V. E. Shevalev. Oft. zhur no. 2:67-75 '62.
Projection of ruptures of the retina on to the sclera in myopic eyes [with summary in English] N. D. Kudriashova. Oft. zhur. no 2:75-78 '62.
Surgical method of buckling in retinal detachment in cases of centrally located extensive ruptures of the retina [with summary in English]. L. A. Linnik. Oft. zhur. no. 2:106-110 '62

RETIRED MILITARY PERSONNEL
An excellent beginning. K. Kraiko. Voen. vest. 41 no. 4: 70-71 Ap '62.

RETIRED MILITARY PERSONNEL—EMPLOYMENT
Knowledge and experience are devoted to a great cause. I. Gostev, V. Volnov. Voen. vest. 41 no. 4:15-16 Ap '62

RETIREMENT PENSIONS see Old-age pensions

RETROPERITONEAL SPACE—DISEASES
Acute suppurative diseases of the retroperitoneal space of appendicular etiology. V. G. Klein, B. M. Levinskaia. Urologiia no. 6:26-27 '61.

RETROPERITONEAL SPACE—SURGERY
[Multivolume manual on surgery] Mnogotomnoe rukovodstvo po khirurgii. Moskva, Gos. izd-vo med. lit-ry.
Vol. 9. Pytel', A. IA., ed. [Surgery of the urinary and genital organs and the retroperitoneal space] Khirurgiia mochevykh i polovykh organov i zabriushinnogo prostranstva. 1959. 630 p.
(DNLM)

RETROPERITONEAL SPACE—TUMORS
Case of giant retroperitoneal teratoma R. G. Aliev. Vop. onk 8 no. 3:104-105 '62

RETTING
Bacterial starters for improving the high-temperature retting of China jute. D. B. Gurfel'. Trudy Vses. inst. sel'khoz. mikrobiol. no. 14:309-317 '58
Effect of ammonium carbonate on the anaerobic retting microflora of slow-retting ambary hemp. V. G. Golikov Trudy Vses. inst. sel'khoz mikrobiol no. 14:318-332 '58.
Large-scale laboratory experiments in the retting of the flax bast fiber with a bacterial starter E. I. Dudarev, Z. S. Markova Trudy Vses. inst. sel'khoz mikrobiol no 14:296-302 '58
Large-scale tests of the effectiveness of dry bacterial starters in high-temperature retting of hemp at a hemp factory L. P. Krutikova A. E Zhatova Trudy Vses. inst. sel'khoz mikrobiol no 14,303-308 '58

REVENUE
Ways to improve work on state revenue. A. Krivenko. Fin. SSSR 23 no. 4 8-16 Ap '62

REVOLUTIONARY POETRY
"Free Russian verse of the second half of the 19th century." Reviewed by E. G. Bushkanets. Izv. AN SSSR Otd. lit i iaz. 20 no 1 75-79 Ja-F '61.

REVOLUTIONISTS
Potapov, M. I. [Broad path of my life] Na shliakhu shyrokim. Kyiv, Derzh. vyd-vo khudozh. lit-ry, 1961. 209 p.

REWARDS (PRIZES, ETC.)
Brief news. Poligr. proizv. no. 11:32 N '61.

REYNOLDS NUMBER
Effect of the variability of Prandtl numbers on a flow near the critical point of a blunt-nosed body in the case of small Reynolds numbers I. N Murzinov PMTF no 1 39-43 Ja-F '62

RH FACTOR
Post-transfusion complications caused by the transfusion of Rh-incompatible blood [with summary in English]. O. V. Vinogradskii. Sov med. 25 no. 1:3-7 Ja '62.

RHENIUM
Obolonchyk, V. A. [Rhenium] Renii. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 60 p

RHENIUM-ALUMINUM ALLOYS
Rhenium-aluminum compounds at the crystalline structures of some of them. P. I. Kripiakevich, IU. B. Kuz'ma. Kristallografiia 7 no. 2:309- Mr-Ap '62.

RHENIUM COMPOUNDS
Composition of the rhenium thiocyanate complex compound. D. I. Riabchikov, I. I. Nazarenko Zhur. neorg. khim. 7 no 4:931-932 Ap '62.
Synthesis of oxypentafluororhenates by hydrolysis of octafluororhenates. E. G. Ippolitov. Zhur. neorg. khim. 7 no. 4,940-941 Ap '62.

RHENIUM-IRON ALLOYS see Iron-rhenium alloys

RHEOLOGY
Apparatus for determining the viscoplastic characteristics of cement pastes. I. G. Grankovskii, V. B. Chernogorenko. Zav. lab. 28 no. 3:374-376 '62.
Rheological characteristics of low pressure polyethylene and the evaluation of its fluidity. E. E. Glukhov, S. I. Klaz Plas massy no. 5:30-33 '62.
Some problems in elastorheology related to the theory of friction. M. V. Korovchinskii. Tren. i izn. mash. no. 15:332-374 '62.

RHEUMATIC FEVER
Changes in serum proteins and protein fractions in rheumatic fever. E. L. Belineva. Vop. pat. krovi i krovoobr. no. 5:188-195 '59.
Conditioned and unconditioned reflex control of the blood vessels in latent focal infections and rheumatic fever. E. L. Belineva. Vop. pat. krovi i krovoobr. no. 5:30-44 '59.
Dynamics of tissue changes in rheumatic fever. A. I. Strukov. Arkh. pat. no. 7:3-20 '61.
Immunobiological indications of activity in the serum of patients with various forms of neurorheumatism. E. T. IUnusova. Zdrav. Tadzh. 9 no. 1:54-58 Ja-F '62.
Ioffe, V. I. [Immunology of rheumatism] Immunologiia revmatizma. [Leningrad] Medgiz, 1962. 355 p. (DNLM)
"Rheumatic fever in children" by B. I. Gurvich. Reviewed by A. V. Dolgopolova. Biul. Uch. med. sov. 3 no. 2:41-42 Mr-Ap '62.
Thermographic observations in rheumatic fever and focal infections R. S. Ivanov. Vop. pat krovi i krovoobr. no 5:45-57 '59

RHEUMATIC HEART DISEASE
Gas metabolism in rheumatism V. A. Sobolev. Trudy Semipal. med inst 2:184-192 '59
Rudniev, I. M. [How to prevent rheumatism and rheumatic heart disease in children] IAk zapobihty revmatyzmu i revmatychnym zakhvoriuvanniam sertsia u ditei. Kyiv, Derzh. med. vyd-vo URSR, 1961. 21 p. (DNLM)
Work prognosis in rheumatic defects of the heart. L. L. Fogel'son. Kardiologiia 2 no. 2:58-64 Mr-Ap '62.

RHEUMATISM
Characteristics of separate forms of recurrent rheumatic chorea. P. V. Demidova Sov. med 25 no. 1:145-147 Ja '62.
Early differential diagnosis of acute hematogenic osteomyelitis and rheumatism in children. A. L. Cheskis. Nov. khir. arkh. no. 3:46-49 '62.
Evaluation of the action of butadione in rheumatism and infectious arthritis with special reference to the results of a blood examination. S. A. Podlipalina. Zdrav Kazakh. 22 no. 2:31-36 '62
"Neurorheumatism" by V. V. Mikheev. Reviewed by A. Reznikov. Zhur. nevr. i psikh 62 no. 1:156-157 '62
Rudniev, I. M. [How to prevent rheumatism and rheumatic heart disease in children] IAk zapobihty revmatyzmu i revmatychnym zakhvoriuvanniam sertsia u ditei. Kyiv, Derzh. med. vyd-vo URSR, 1961. 21 p. (DNLM)
Sachkov, V. I. [Immunological methods of studying rheumatism and other collagen diseases] Immunologicheskie metody izucheniia revmatizma i drugikh kollagenovykh boleznei. Moskva, Medgiz, 1962. 181 p (DNLM)

RHINE VALLEY—HISTORY
Galkin, A. A. [The Treaty of Versailles and Rhineland separatists] Versal' i reinskie separatisty. Moskva, Izd-vo Akad. nauk SSSR, 1962. 108 p. (Nauchno-populiarnaia serila)

RHIPIDOGLOSSA see subdivision under Zbruch Valley

RHIZOSPHERE MICROBIOLOGY
Denitrifying bacteria from the root system of flax and wheat and their effect on plants. I. N. Stepanova. Trudy Vses. inst. sel'khoz. mikrobiol no 14:113-122 '58.
Development of Azotobacter in the rhizosphere of plants in acid turf-Podzolic soils in case of its use together with organomineral mixtures. A. I. Churdeeva. Trudy Vses. inst. sel'khoz mikrobiol. no. 14:213-222 '58.
Effect of additional electricity on the intensification of microbiological processes in the rhizosphere of plants and in fallowed soil. P. V. Kravtsov. Agrobiologiia no. 2 253-257 Mr-Ap '62.
Effect of annual and perennial plants on soil fungi. S. B. Gendina. Trudy Vses inst. sel'khoz mikrobiol. no 14: 123-132 '58.
Effect of organomineral mixtures on the microflora of soils and the root system of plants. E. F. Berezova, K. A. Belov, T. A. Sorokina Trudy Vses inst. sel'khoz. mikrobiol. no. 14:192-208 '58
Microbiological processes in soil under healthy and chlorosis-infected apple trees. K. P. Tulaikova Agrobiologiia no. 2 246-253 Mr-Ap '62.
Quantitative change of micro-organisms in the rhizosphere of potatoes. V. I. Mazunina. Trudy Inst. mikrobiol. i virus. AN Kazakh. SSR 5:115-120 '61.
Rhizosphere microflora of Siberian fawnlily. A. I. Sidorenko. Trudy TSSBS no. 4:95-105 '60.

RHODAMINE
Photometric determination of 2, 4-dichlorophenoxyacetic acid with butyl rhodamine [with summary in English]. V. I. Kuznetsov, M. I. Gagarina Zhur. anal. khim 17 no. 2:235-238 Mr-Ap '62.
Rhodamine dyes and related compounds Part 2 Rhodol, its preparation and properties. L. S. Ioffe, V. F. Otte. Zhur. ob. khim. 32 no. 4,1196-1201 Ap '62

RHODODENDRON see subdivision under Carpathian Mountain region

RHYNCHONELLACEA, FOSSIL
Yunnanella Grabau, 1931 or Nayunnella Sartenaer, 1961? E. A. Ivanova. Paleont zhur. no. 4:151-152 '61

RHYTHM
Significance of rhythm in the instruction and training of gymnasts. A. M. Shlemin. Teor. i prak. fiz. kul't. 25 no. 2,38-40 F '62.

RIBOFLAVIN
Influence of massive doses of vitamin B_2 on the development and course of experimental silicosis in white rats [with summary in English]. M. I. Razumov, B. K. Skirko, A. IU. Grubina. Arkh. pat. no. 8:55-62 '61.

RIBS
Structure of the sternal sections of ribs; rib cartilage. V. A. Sholl'. Trudy AZVI 9:352-357 '56.

RIBS—DISEASES

Case of osteodystrophia fibrosa of a rib M. M. Mukhamedziev Sov zdrav. Kir. no 1,58 Ja-F '62

RIBS—FRACTURE

Diagnosis of direct and indirect fractures of the ribs. A. V. Kapustin Sud.-med. ekspert. 5 no 1:14-16 Ja-Mr '62.

RICE—DISEASES AND PESTS

Cicadas as rice pests in eastern Fergana G. K. Dubovskii. Uzb. biol. zhur. 6 no. 2:47-51 '62.

RICKETS

(see also subdivision under Kaluga Province; Murmansk)

Evaluation of the secretory function of the stomach by the excretion of uropepsin in children with rickets [with summary in English]. E. M. Okulova, L. Z. Sultanova. Pediatriia no. 4:58-61 '62.

RIFLE PRACTICE

In a rifle club of amateurs I. Sokol'skii. Voen. znan 38 no. 4:33-34 Ap '62.

RIGA—CLOTHING INDUSTRY

Using a single basic pattern design for different dress styles. Shvein. prom. no 2:20-24 Mr-Ap '62.

RIGA—INDUSTRIAL MANAGEMENT

Accountant's role in a public bureau. N. Gvozdev. Bukhg. uchet 19 no. 4 48-49 Ap '62.

RIGA—TECHNICAL EDUCATION—CONGRESSES

From speeches at a conference in Riga. Izobr. i rats. no. 4:8-9 Ap '62

RIGHT OF PROPERTY

Iurchenko, V. S. [Protection of private property in the U. S. S. R.] Okhrana imushchestvennykh prav sovetskikh grazhdan Minsk, Izd-vo Akad. nauk BSSR, 1962. 149 p

RIKHTER, SVIATOSLAV TEOFILOVICH, 1914-

European travels of S. Rikhter. M. Teroganian. Sov. muz. 26 no. 4:127-131 Ap '62.

Evening of sonatas performed by M. Rostropovich and S. Rikhter Mark Mil'man Sov. muz. 26 no 4 97-98 Ap '62.

RIMSKII-KORSAKOV, NIKOLAI ANDREEVICH, 1844-1908

"Last operas of N. A. Rimskii-Korsakov" by L. Danilovich. Reviewed by V. T'Sukkerman. Sov. muz 26 no. 4:138-140 Ap '62.

RINGS

Two Byzantine gold rings from the Hermitage collections [with summary in English]. A. V. Bank. Trudy Gos. Erm. 5 31-39 '61.

RINGWORM

Trichophytosis due to fungi of animal origin [with summary in English]. E. A. Kovshova-Medvedeva. Vest. derm. i ven. no. 4:20-23 '62.

RISERS (FOUNDING)

Changes in the strength of inserts made of an exothermic mixture during their storage. N. I. Pristupliuk, V. V. Stepicheva, L. D. Ermakova Lit. proizv. no. 4.46-47 Ap '62

RIVERS—REGULATION

Shaping of channels at hydroelectric power stations. S. T. Altunin. Trudy TIIMSKH no. 1:127-140 '55.

RIVETS AND RIVETING—STANDARDS

Standard riveting tools and Chobert-system rivets. D. F. Gerasimov. Standartizatsiia 26 no. 4:58-59 Ap '62.

ROAD CONSTRUCTION

Kurdenkov, B. I., A. I. Pollakova, and A. P. Filatov. [Beneficiation of stone material for road construction] Obogashchenie kamennogo materiala dlia dorozhnogo stroitel'stva. Moskva, Avtotransizdat, 1962. 58 p.

ROAD MACHINERY

(see also subdivision under Great Britain)

More new machinery for builders. Iu. B. Deinego Strol. i dor. mash 7 no. 3:1-9 Mr '62.

ROAD MACHINERY—ABSTRACTS

[Manufacture of construction equipment and road machinery. Mining machinery] Ref. zhur. Otd. vyp. 43: Strol. i dor. mashinostr. Gor. mash. nos. 7-9 Ap-My '62.

ROAD MACHINERY—EXHIBITIONS

New machinery at the Exhibition of Achievements of the National Economy of the U. S. S. R. A. S. Selenevich. Strol. i dor. mash. 6 no. 11:35-40 N '61.

ROAD MACHINERY—MAINTENANCE AND REPAIR

In branch labor norms research organizations. Sots. trud 7 no. 1:148-151 Ja '62.

ROAD MACHINERY INDUSTRY

Decisions of the 22d Congress of the CPSU and prospects for the development of road and building machinery manufacture. Strol. i dor. mash. 6 no. 11:3-4 N '61.

Main directions in the development of road machinery. I. P. Borodachev. Strol. i dor. mash. 6 no. 11:18-21 N '61.

ROAD RESEARCH see Highway research

ROCK DRILLS

Nikiforov, N. K., and N. V. Shustov. [Design, uses, and maintenance of rock drills] Konstruktsiia, ekspluatatsiia i remont perforatorov. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 164 p.

ROCK PRESSURE

(see also subdivision under Karaganda Basin, Mirgalimsay region)

Control of rock bumps in constructing shafts. A. E. Gavrutskii. Shakht. strol. 6 no. 4:30-31 Ap '62.

Features of rock pressure manifestations in a topsliding system. B. A. Vol'khin Gor. zhur. no. 4:35-37 Ap '62.

Pressure in the elastoplastic system under load N. V. Baranov. Uch. zap. Kazakh. un. 37 no. 4 127-136 '58

Selection of the basic parameters of bilges in caving systems under conditions of great rock pressure. V. F. Klochkov, S. E. Nikulin. Izv. vys. ucheb. zav.; gor. zhur. 5 no. 1 8-15 '62.

Using the photoelastic method to study the rock of a mine roof in the stressed state in supporting it with rod bolting E. A. Zimina Izv. vys. ucheb. zav., gor. zhur no. 3 19-21 '61

ROCK PRESSURE—MEASUREMENT

Selection of the thickness of a membrane in determining rock pressure with electric dynamometric deformation meters. V. N. Mishchenko. Izv. vys. ucheb. zav., gor. zhur. 5 no. 1 121-123 '62.

ROCK SALT see subdivision under Carpathian Mountain region; Ukraine, Western

ROCK SALT—ELECTRIC PROPERTIES

Effect of radiation on the electric strength of rock salt in a breakdown occurring in a thin layer G. A. Vorob'ev, V. A. Kostrygin. Fiz. tver. tela 4 no 3:811-812 '62.

ROCK WOOL see Mineral wool

ROCKET ENGINES

Theory of relaxation vibrations during the burning process in combustion chambers. V. I. Skobelkin. Zhur. tekh. fiz. 32 no. 3:348-355 Mr '62.

ROCKET ENGINES—BIBLIOGRAPHY see Bibliography—Rocket engines

ROCKETRY—ABSTRACTS

[Rocket engineering and space flight equipment] Ref. zhur. Otd. vyp. 41: Raket. tekh. i app. kosm. pol. nos. 7-8, 10 Ap-My '62.

ROCKETS (AERONAUTICS)

Path to outer space. A. Tarasov Starsh.-serzh. no. 4: 26-27 Ap '62

Remarks on G. Leitmann's paper "On optimal rocket trajectories" A. I. Lur'e Prik. mat. i mekh. 26 no 2: 391 Mr-Ap '62.

The wings of rocket launching units. V. Shishov. Komm. Vooruzh. Sil 2 no. 8:50-54 Ap '62.

ROCKETS (ORDNANCE)

Classed specialists at the locators. Kislov Starsh.-serzh. no. 4:6 Ap '62

Flight of an unguided rocket A. Bobrikov Voen. vest 41 no. 4:70-81 Ap '62.

In a rocket unit of Communist Youth Leaguers. V. Suvorov. Starsh.-serzh no. 2 22-23 F '62.

Right path to successes. V. Egorov. Voen. vest. 41 no 4:13-15 Ap '62.

Rocket assault from the march. M. Sapozhnikov. Starsh.-serzh no 4:25 Ap '62.

These are rockets close by. O. Viktorov Starsh.-serzh no 2:30-31 F '62.

ROCKS—MAGNETIC PROPERTIES

One of the causes of the low residual magnetization of effusive rocks [with summary in English]. D. M. Pecherskii. Geol. i geofiz. no. 1: 100-117 '62.

ROCKS—PERMEABILITY

Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut vodosnabzheniia, kanalizatsii, gidrotekhnicheskikh sooruzhenii i inzhenernoi gidrogeologii. [Methods of determining the filtration properties of rocks] Metody opredeleniia fil'tratsionnykh svoistv gornykh porod. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1962. 177 p.

ROCKS—TESTING

Determination of the coefficient of adherence and the angle of internal friction on samples of arbitrary shape. A. P. Maksimov. Osn., fund. i mekh. grun. 3 no. 6: 17-18 '61.

Determining the stability of the side slope of a pit. P. E. Zurkov, V. F. Bogatskii, I. T. Slashchilin. Izv. vys. ucheb. zav., gor. zhur. 5 no. 2:92-96 '62.

Mechanical properties of rocks in pit sides. G. S. Kal'chik, A. A. Chernegov. Izv. vys. ucheb. zav.; gor. zhur. 5 no. 2:88-91 '62

Testing rocks for creep. V. T. Glushko. Izv. vys. ucheb. zav.; gor. zhur. no. 3 49-52 '61.

Trends in experimental studies of rock deformations. A. A. Khlobustov. Uzb. geol. zhur. 6 no. 1:5-15 '62.

Use of the crushing method to determine the strength of hard rocks. M. M. Protod'iakonov, R. I. Teder Gor. zhur. no. 4:41-44 Ap '62.

Use of the ultrasonic method for determining the dynamic elastic parameters of rocks in the field V. I. Emelin, K. S. Chuprov Izv. AN SSSR Ser. geofiz no 4 472-477 Ap '62

ROCKS—THERMAL PROPERTIES

Experimental determination of the heat emission of rocks in new workings of deep coal mines V. A. Shelimanov Trudy Sem. po gor. teplotekh no 3 78-82 '61

Experimental studies of heat emission from rocks in coal mine stopes G. V. Duganov, V. N. Kukharev Izv. vys. ucheb. zav., gor. zhur no 3 89-92 '61

ROCKS, CARBONATE

(see also subdivision under Vishnevyye Mountains)

Evaluation of the bauxite potential of ancient carbonate deposits of the Kuznetsk Ala-Tau. A. I. Krivtsov Trudy VSEGEI 57:183-220 '61

ROCKS, CRYSTALLINE AND METAMORPHIC see subsubdivision under Almalyk region, Altai Mountains, Transbaikalia

ROCKS, IGNEOUS

(see also subdivision under Balkhash Lake region; Gissar Range, Khingan Mountains; Kurile Islands; Pamirs; Sangilen Ridge, Saiycheva Range, Sikhote-Alin' Range, Transbaikalia; Tuva A.S.S.R.; Ural Mountain region)

Magnetization and chemical composition of basic effusives of different age in some mobile belts and platforms, comparative magneto-petrochemical characteristics of the primary metamorphism of basic effusives A. G. Komarov Sov. geol. 5 no 4 77-92 Ap '62

Quantitative mineral composition of granitoids and its significance for problems of petrology and nomenclature as revealed by studies in Central Asia, Kazakhstan, and the Kola Peninsula I. V. Ginzburg and others Sov. geol. 5 no. 3:67-82 Mr '62

ROCKS, IGNEOUS—ANALYSIS see subdivision under Transbaikalia

ROCKS, IGNEOUS—CLASSIFICATION see subdivision under Kurama Range

ROCKS, SEDIMENTARY see subdivision under Azerbaijan; Ob' Valley

ROCKWELL TEST

Devices for measuring the hardness of control rod and crankshaft in a Rockwell press P. I. Zemskov, P. D. Pogorelov. Zav. lab. 28 no. 3:366-367 '62.

RODENT CONTROL

Polezhaev, V. G., and others. [Short manual on the control of rodents in rural areas] Kratkoe rukovodstvo po bor'be s gryzunami v sel'skoi mestnosti. Moskva, Medgiz, 1962. 56 p. (Biblioteka prakticheskogo vracha) (DNLM)

RODENTIA see subdivision under Kazakhstan

RODENTIA—BIOLOGICAL CONTROL

(see also subdivision under Leningrad Province)

Experiments in testing new media for bacterial cultures used in the control of injurious rodents and insects. M. I. Prokhorov, L. A. Simonova Trudy Vses. inst. sel'khoz. mikrobiol. no 14:333-343 '58.

ROEGNERIA see subdivision under Novosibirsk Province

ROERICH, NIKOLAI KONSTANTINOVICH, 1874-1947

Forgotten monument of Russian art A. Zelinskii. Iskusstvo 26 no. 3:61-62 '62.

ROENTGEN, DAVID, 1743-1807

The craftsmen in David Roentgen's furniture workshop in Neuwied [with summary in French]. B. A. Sheikovnikov, V. P. Ovchinnikova Trudy Gos. Erm. 6 no. 2 312-319 '61.

ROLLING (METALWORK)

Automatic control of the tension of steel strips between the stand and the reeler. R. V. Liambakh, E. S. Radchenko, V. I. Shishkinskii. Mekh. i avtom. proizv. 16 no. 3 8-12 Mr '62.

Bent shapes for the mining industry. I. S. Trishevskii, V. I. Miroshnichenko. Gor. zhur. no. 4:54-55 Ap '62

Kinematics of metal flow in simple rolling grooves. I. A. Mamedov. Izv. AN Azerb. SSR, Ser. fiz.-mat. i tekh. nauk no. 6:25-30 '61.

Modern achievements in the production of nonferrous metal pipes, rods and shapes. V. V. Zholobov. TSvet. met. 35 no. 3:92-98 Mr '62.

Strained state in rolling in a round groove. I. A. Mamedov. Izv. AN Azerb. SSR, Ser. fiz.-mat. i tekh. nauk no. 6:31-36 '61.

ROLLING (METALWORK)—HANDBOOKS, MANUALS, ETC.

[Rolling; a handbook] Prokatnoe proizvodstvo; spravochnik. Pod red. E. S. Rokotiana. Moskva, Metallurgizdat, Vol. 1. 1962. 743 p.

ROLLING MILLS see subdivision under Germany, West

ROLLING MILLS—EQUIPMENT AND SUPPLIES
Modernizing the screwdown gear on thin-sheet duo mills D I Sutarov, A I Glushkov Biul TSIICHM no 10,37-38 '60.

ROLLING MILLS—HYGIENIC ASPECTS
Exercise rest periods for forge-rolling operators in rolling-mill departments N.V. Reshetnikov Teor. i prak fiz. kul't. 25 no 4:52-55 Ap '62

ROLLS (IRON MILLS)
Hard facing of iron mill rolls I N. Aksenov. Avtom. svar. 15 no.5:64-67 My '62.
Petrov, A.S., and A.I.Kaminov. [Manufacture of rolls for cold rolling] Proizvodstvo valkov kholodnoi prokatki. Moskva, Metallurgizdat, 1962. 216 p.

ROMAN LAW
Dronikov, V.K. [Roman civil law] Ryms'ke pryvatne pravo. [Kyiv], Vyd-vo Kyivs'koho univ., 1961. 197 p.

ROMANOVA, MARIIA FEDOROVNA
Meeting dedicated to the memory of M.Ia. Romanova. B.A. Ostroumov. Vop ist est. i tekh. no.12,242 '62

ROOFING
Karpus, S.I. [A roofer discusses his work] Krovel'shchik o svoei rabote. Riga, Latviiskoe gos. izd-vo, 1961. 132 p.

ROOFING, CONCRETE—VIBRATION
Vibrations of reinforced concrete ribbed single-span roofs. O.I. Tomson Trudy TSNIISK no.1 5-26 '61.

ROOFS
New design of an unventilated built-up roof. S. Zhak, I. Shapovalov. Stroi. i arkhit Mosk 10 no 11,22-24 N '61
Prestressed aluminum structures having large-span roofs with suspended cranes B.A. Speranskii, F.F. Tamplon. Trudy NII prom zdan i soor no 5 90-123 '61.

ROOFS, SHELL
Calculating a cylindrical shell with a constant cross-section contour under the action of an arbitrary loading. K.D. Turkin Rasch. prostr. konstr. no 7 101-118 '62
Designing corrugated shells. D.V. Vainberg, R.M. Sazonov, P.I. Semenov. Rasch prostr. konstr. no. 7: 49-71 '62.
Designing towers composed of conic shells reinforced with rings for wind load L.S. Gil'man, I.A. Baslavskii. Rasch. prostr. konstr. no. 7:39-48 '62.
Resistance of shells of revolution to the action of cyclic loading along the edges. IA.B. L'vin Rasch. prostr konstr. no.7:135-161 '62.
Strength analysis and design of cylindrical reinforced shells O.I. Terebushko. Rasch. prostr. konstr. no.7 119-134 '62

ROOTS (BOTANY)
Anatomy of the adnate roots of two species of cedar [with summary in English]. L.I. Lotova, R.P. Liarskaia, G.D. IAroslavtsev. Trudy GNBS 32 81-99 '60.
Distribution of the active part of oak and fir roots in mixed fir and oak forests of the Carpathian Mountain region. S.V. Shevchenko. Izv. vys. ucheb. zav., les. zhur. 4 no.6:9-16 '61.
Role of the root system of trees in the formation of microrelief [with summary in English] O.V. Butuzova Pochvovedenie no 4 21-30 Ap '62.
Root system of ironwood and soil structure. I.B. Karaev. Izv. vys. ucheb. zav., les. zhur. 4 no.6:163-164 '61.
Root systems of some tree and brush species in protective plantations of western Kazakhstan. E.S. Petrenko, M.V. Nadezhdina, V.D. Filimonova. Trudy Inst. lesa i drev. 50:137-145 '61.
Structures and growth of pine root systems on mountain slopes. L.N. Zgurovskaia. Trudy Inst. lesa i drev. 50:125-136 '61.

ROSEMARY
Alkaloids of the mint family. Part 1: Study of the rosemary alkaloid from Rosmarinus officinalis. L.D. IAkhontova, M.I. Anisimova. Zhur ob. khim 32 no. 4: 1337-1339 Ap '62.

ROSES see subdivision under Crimea

ROSTOV—AGRICULTURAL MACHINERY INDUSTRY—FINANCE
Payments for agricultural machinery. B. Bellanskii, G. Malofeev. Fin. SSSR 23 no. 4:43-44 Ap '62.

ROSTOV-ON-DON—CEMENT—TRANSPORTATION
Centralized cement transportation in Rostov-on-Don. G.Smirnov. Avt. transp. 40 no.4:17-18 Ap '62.

ROSTOV-ON-DON—FIREMEN
Man-to-man talk. M. Gusev. Pozh. delo 8 no. 3:15-17 Mr '62.

ROSTOV-ON-DON—RAILROADS—EMPLOYEES
Workshop of communist labor and the department. F.G. Eliseev. Vest. vys shkoly 20 no. 4:57-60 Ap '62.

ROSTOV-ON-DON—RUSSIAN NEWSPAPERS—SECTIONS, COLUMNS, ETC.
Talking frankly. Valentina Koz'menko. Sov. pech. no. 2: 23-24 F '62.

ROSTOV-ON-DON—UNIVERSITIES AND COLLEGES—GRADUATE WORK
On personnel for personnel P.I. Protsenko Vest. vys shkoly 20 no 4:47-50 Ap '62.

ROSTOV PROVINCE—AGRICULTURE
Make fuller use of the land reserve of Rostov Province M.M. Sugrobov Zemledelie 24 no 4 72 Ap '62

ROSTOV PROVINCE—AGRICULTURE—EXPERIMENTATION
Experimental work in Rostov Province student brigades. N.I. Zak. Shkola i proizv. 6 no.3,15-50 Mr '62.

ROSTOV PROVINCE—ANTIQUITIES
A bone pin from the burial mound near the stanitsa Razdorskaya. T. Belanovskaia Soob. Gos Ermitazh no. 21:47-48 '61.

ROSTOV PROVINCE—COAL MINES AND MINING
"Miners' chronicle" by L. Karasev. Reviewed by S. Khaustov. Sov. pech. no. 2:47-48 F '62.

ROSTOV PROVINCE—LEPTOSPIROSIS
Characteristics of leptospirosis in swine. V.I. Degtiarev Veterinariia 37 no 12 29-34 D '60

ROSTOV PROVINCE—OAK
Planting oak in a rectangular and checkerboard pattern. N.A. Krukov. Les. khoz. 15 no. 4 75-77 Ap '62

ROSTOV PROVINCE—PINE
Physicomechanical properties of wood in cultivated pine forests of the Kalitva Forest Working Circle, Rostov Province. M.G. Sliusarev. Izv. vys. ucheb. zav., les. zhur. 4 no.6 165-166 '61.

ROSTOV PROVINCE—SUNFLOWERS
Growing sunflowers on irrigated lands in Rostov Province I.P. Kruzhilin. Zemledelie 24 no. 4 40-45 Ap '62.

ROSTROPOVICH, MSTISLAV LEIPOL'DOVICH, 1927-
Evening of sonatas performed by M. Rostropovich and S. Rikhter. Mark Mil'man. Sov. muz 26 no 4:97-98 Ap '62
New sonata by D. Kabalevskii. I. Zetel'. Sov. muz. 26 no. 4,98-99 Ap '62.

ROTATING AMPLIFIERS
Concerning the stability criteria of an autodyne, stabilizing its own input voltage. O.V. Benedikt. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no. 2:92-103 Mr-Ap '62.

ROTATING BODIES
System of rotating bodies of arbitrary shape in the general theory of relativity. Z.A. Aitekeeva. Trudy Inst. fiz. fiz. AN Kazakh. SSR 5 164-173 '62.

ROTATING MASSES OF FLUID
Stability of a rotating fluid, heated from below, relative to periodical perturbations. M.I. Shlomis. Prik. mat. i mekh 26 no 2:267-272 Mr-Ap '62.
Vibration and rotation experiments with helium II [with summary in English] E.L. Andronikashvili Trudy Inst fiz. AN Gruz SSR 8 3-32 '58.

ROTATION OF CROPS
(see also subdivision under Germany, East; Karsun District)
Crops preceding flax in row crop rotations. I.A. Sizov. Vest. sel'khoz. nauki 7 no. 1:24-26 Ja '62.
Economic advantages of crop rotations including row crops M. Borodaenko Ekon. sel'khoz. 33 no. 2:30-35 F '62.
Effectiveness of row crop rotations and disadvantages of the grassland crop rotations in non-Chernozem zones. E.T. Varenitsa. Vest sel'khoz. nauki 7 no. 1:15-23 Ja '62.
Farming system on the "XXII s"ezd KPSS" Collective Farm [with summaries in English, German, and French]. V.K. Blazhevskii. Vest. sel'khoz. nauki 7 no. 2:11-18 F '62.
For a decisive change from grassland crop rotations to row crops. V. Grigor'ev. Ekon. sel'khoz. 33 no. 2: 35-39 F '62.
Introduction of row crops including crop rotations is a basic factor in the establishment of a stable feed supply. N. Khukhrev, A. Galitsyn Ekon. sel'khoz. 33 no. 2: 64-69 F '62.
Prianishnikov, D.N. [Field fertilization and crop rotation; selected articles] Ob udobrenii polei i sevooborotakh; izbrannye stat'i. Moskva, Izd-vo M-va sel'. khoz. RSFSR, 1962. 253 p.

ROTIFERA
Quantitative aspects of feeding and food selection of the plankton rotifer. Brachionus calyciflorus Pall [with summary in English]. L.A. Erman. Zool. zhur. 41 no. 1:34-48 Ja '62.

ROTORS
Dynamics of a rotor with electric drive. L.A. Rastrigin. Probl. proch. v mashinostr. no. 7:50-57 '62.
Dynamics of the nonstationary motion of an independent rotor on flexible supports. L.A. Rastrigin. Probl. proch. v mashinostr. no. 7:29-49 '62.
Stability of rotors having anisotropic properties. E.L. Pozniak Probl. proch. v mashinostr. no. 7:58-74 '62.

ROUSSEAU, JEAN JACQUES, 1712-1778
J.-J. Rousseau and the bourgeois revolution I. Bertsman Vop lit. 5 no. 12:140-164 D '61

ROVE BEETLES
Occupational dermatitis in the preparation of stimulin D-1 and measures for its prevention. B.I. Krasnov, L.D. Gladshtein Gig. truda i prof. zab. no 4 50 '62.

ROWING
Strength development in oarsmen of the higher categories R.S. Chumakova. Teor. i prak. fiz. kul't. 25 no. 4 66-68 Ap '62

ROYAL JELLY
Apilac (royal jelly) in the compounds treatment of chronic nutritional disorders in children. N.N. Il'inah. Pediatriia no. 4,8-11 '62.
Use of a preparation of royal jelly on children with chronic nutritional disorders [with summary in English]. E.M. Fateeva, N.I. Roshal'. Pediatriia no. 4:15-19 '62.

RUBBER
"Applied science of rubber" by W.J. Naunton. Reviewed by F.L. IAshunskaia. Kauch. i rez. 21 no. 4:50-60 Ap '62.
Bonding of fluoroplast 4 to rubber. A.IA. Korolev and others Plast. massy no. 5:37-39 '62.
Colorimetric determination of nekal in rubber. N.A. Iakovleva, A.M. Raklumanina, Z.N. Orlova. Kauch. i rez. 21 no. 4:48-49 Ap '62.
Effect of the double impregnation of a viscose cord on its properties and strength of bonding to rubber. T.V. Ionova, Z.I. Suleimanova, R.V. Uzina. Kauch. i rez 21 no. 4:3-7 Ap '62.
Protecting crude and vulcanized rubbers from catalytic oxidation under the effect of copper and iron ions. A.S. Kuz'minskii, V.D. Zaitseva, N.N. Lezhnev. Kauch. i rez. 21 no. 4:10-14 Ap '62.
Study of the effect of various grades of rubber on liquid medicinal preparations. Part I. Experimental data on the preparation of rubber formulas and study of their effect on distilled water [with summary in English]. V.A. Martynova, A.G. Liukshenkov, G.K. Mel'nikova. Apt. delo 11 no. 1:18-26 Ja-F '62.

RUBBER—BIBLIOGRAPHY see Bibliography—Rubber

RUBBER—TESTING
Automatic thickness gauge. G.I. Margolis. Kauch. i rez. 21 no. 4:36-39 Ap '62.
Measuring rubber compound sliding over a metal surface under various conditions. A.I. Lukomskaia and others. Kauch. i rez. 21 no. 4:21-25 Ap '62.
Mechanical properties of rubbers at high stretching velocities [with summary in English]. S.N. Zhurkov, T.P. Sanfirova, E.E. Tomashevskii. Vysokom. soed. 4 no. 2:196-200 F '62.
Objective measurement of rubber hardness. D.M. Gorelik, A.V. Rainer. Kauch. i rez. 21 no. 3:41-43 Mr '62.
Tensile testing machine with a noncontact measurement of deformations and automatic recording of stresses. IU.S. Zuev, N.I. Kirshenshtein, A.A. Motveev. Kauch. i rez. 21 no. 4:44-47 Ap '62.

RUBBER, FOAM see Foam rubber

RUBBER, SYNTHETIC
Adiabatic polymerization of monomers. N.G. Karapetian and others. Kauch. i rez. 21 no. 3:1-4 Mr '62.
New synthetic rubbers. E.F. Evstratov, A.G. Shvarts. Zhur. VKHO 7 no. 2:172-180 '62.
Use of petroleum polymeric resin as a softener for rubber compounds. E. IA. Devirts, L.B. Tomchin, A.S. Novikov. Kauch. i rez. 21 no. 4:8-10 Ap '62.

RUBBER, SYNTHETIC—TESTING
Effect of the ingredients of rubber mixtures on the structure formation of butadiene-nitrile rubber. R.Sh. Frenkel' and others. Kauch. i rez. 21 no. 3:10-12 Mr '62.
Effect of waxlike substances and ozone-aging inhibitors on the resistance of rubber to ozone cracking. R.S. Zuev, S.I. Pravednikova, G.V. Kotel'nikova. Kauch. i rez. 21 no. 3:21-24 Mr '62.
Experimental study of the resistance of tube rubber to aggressive media. IU. Kabalaliev Prom. Arm. 5 no. 3:58-60 Mr '62

RUBBER INDUSTRY—EQUIPMENT AND SUPPLIES
Experiments in the use of aerosol pneumatic tube transportation in the "Kauchuk" plant. IU.M. Vapna, IA.N. Vernikov, M.S. Gezin. Kauch. i rez. 21 no. 3: 49-51 Mr '62.
Machine for one-side laying up of fabrics. D.Sh. Monastyrskii. Kauch. i rez. 21 no. 3:52-53 Mr '62.

RUBBER INDUSTRY—FIRES AND FIRE PREVENTION see subdivision under Moscow Province

RUBBER INDUSTRY—HYGIENIC ASPECTS
Improvement of working conditions in the assembly of soft tanks [with summary in English]. D.D. Diterikhs. Gig. truda i prof. zab. 4 no. 6:12-16 Je '60.
Working conditions for using dimethylphenyl paracresol as a plastic fixing agent for synthetic rubber [with summary in English]. R.A. Gruzdeva, S.N. Sinitsyn. Gig. truda i prof. zab. 6 no. 3:13-18 Mr '62.

RUBBER INDUSTRY—TECHNOLOGICAL INNOVATIONS
New developments in foreign science and technology. Kauch. i rez. 21 no.3 59-63 Mr '62.
News of science and equipment abroad. Kauch. i rez. 21 no. 4:53-58 Ap '62.

RUBBER MACHINERY see subdivision under Sverdlovsk

RUBBER RESEARCH—CONGRESSES
Scientific and technical conference on the coordination of works on research and experimental design in the industry of rubber goods for engineering uses V. P. Kharbarov, I. A. Sheftel'. Kauch. i rez. 21 no 1,50-52 Ap '62.

RUBBER TIRES see Tires, Rubber

RUBBERIZED FABRICS
Investigating the load of internal contact pressure and axial stress of a pressure hose carcass made of entwined spiral elements. V. I. Trenkhelov, V. A. Lepetov. Kauch. i rez. 21 no. 4:26-30 Ap '62.

RUBIDIUM
Rubidium content in beryls. A. A. Sitnin, L. I. Sazhina. Trudy Inst. min., geokhim. i kristalokhim. red elem no. 2:84-86 '59.

RUBIDIUM COMPOUNDS
Heteropolyhalides of alkaline elements with closely related properties and their role in the production of pure rubidium and cesium compounds. V. E. Plyushchev and others. Dokl. AN SSSR 143 no. 6:1364-1367 Ap '62

RUCH'EV, BORIS ALEKSANDROVICH, 1913-
Poetry of Boris Ruch'ev. V. Druzin. Moskva 5 no. 9: 205-209 '61

RUGS, ORIENTAL
Indian rugs in the collections of the Museum of Anthropology and Ethnography. B. IA. Volchok. Sbor. muz. ant. i etn. 20:114-124 '61.

RUGS AND CARPETS see subdivision under Brest

RULE OF THE ROAD AT SEA
Greater precision in the rules of navigation. S. Ol'shanovskii. Rech. transp. 21 no. 3:42-44 Mr '62

RUMANIA—ADVERTISING
Humor in Rumanian advertising. O. Snak, G. Teodorescu. Sov. torg. 35 no. 4:56-57 Ap '62.

RUMANIA—ARMENIANS
Armenian colonies in Rumania according to Rumanian toponymical data. V. Beneciianu. Ist.-filol. zhur. no. 1 171-191 '62.

RUMANIA—DERMATOLOGY
Account of a trip to the Rumanian People's Republic. P. V. Kozhevnikov. Vest. derm. i ven. no. 1:64-66 '62

RUMANIA—ECONOMIC GEOGRAPHY
[The economic geography of the Rumanian People's Republic. Translated from the Rumanian] Ekonomicheskaia geografiia Rumynskoi Narodnoi Respubliki. Kniga napisana kollektivom avtorov pod rukovodstvom Mikhaila Khasheganu. Moskva, Izd-vo inostr. lit-ry, 1961 551 p.

RUMANIA—GEOLOGY
Studying the geology of the Carpathian and the Balkan Mountains. V. I. Lebedinskii. Priroda 51 no. 4:71-76 Ap '62.

RUMANIA—GEOLOGY, STRUCTURAL
Central crystalline massif in Rumania and sutural structure of the Rumanian Eastern Carpathians [with summary in English] IU. A. Kosygin. Geol. i geofiz. no. 2: 42-51 '62.

RUMANIA—HANDBOOKS, MANUALS, ETC.
[Rumania] Rumyniia. 2. izd., peresmotrennoe i dobavlennoe. Bucharest, Izd-vo "Meridiany," [1960] 573 p.

RUMANIA—HISTORY
Rumanian foreign policy on the eve of her war for national independence [with summary in English, p. 102]. M. M. Zolyskikh. Nov. i noveish. ist. no. 2:116-120 '62.

RUMANIA—MOTION-PICTURE PLAYS
A letter to friends. L. Zhezhelenko. Isk. kino no. 4: 120-125 Ap '62.

RUMANIA—NAMES, GEOGRAPHICAL
Armenian colonies in Rumania according to Rumanian toponymical data. V. Beneciianu. Ist.-filol. zhur. no. 1:171-191 '62.

RUMANIA—POLITICS AND GOVERNMENT
Parkhomchuk, S. M. [Birth of the new Rumania; antifascist movement and the victory of people's democracy in Rumania, 1941-1945] Narodzhennia novoi Rumunii; antifashists'kyi rukh i peremoha narodnoi demokratii v Rumunii, 1941-1945 rr. Kyiv, Vyd-vo Akad. nauk URSR, 1961, 266 p.

RUMANIA—RUSSIAN LANGUAGE—TEXTBOOKS
Compiling Russian and foreign language textbooks for general schools. Ion Stefenescu. Inostr. iaz. v shkole no. 2:18-29 Mr-Ap '62.

RUMANIA—STATISTICS, VITAL
"Concise statistical collection of the Rumanian People's Republic" Reviewed by Z. G. Frenkel', T. S. Soboleva. Gig. i san. 26 no. 8,115-116 Ag '61

RUMANIA—VENEREOLOGY
Account of a trip to the Rumanian People's Republic. P. V. Kozhevnikov. Vest. derm. i ven. no. 4:64-66 '62.

RUMANIA—ZOOLOGICAL RESEARCH
Faunistic research in Rumania. A. V. Grossu. Zool. zhur. 41 no. 2 306-310 F '62.

RUMEN
Effect of cobalt on the digestion in rumen and milk productivity of cows Kh. Khaidarov. Visnyk sil'hosp. nauky 5 no. 3 115-117 Mr '62.

RUMEN—MICROBIOLOGY
Effect of acidophilic and lactic paste from corn on the fermentation processes in rumen. N. U. Bazanova, T. U. Izmailov Trudy Inst. mikrobiol. i virus. AN Kazakh. SSR 5:58-62 '61.
Effect of yeast on fermentation processes in rumen. Ludmila Ottova, Alena Hatleova. Vest. sel'khoz. nauki 7 no 1,116-149 Ja '62.

RURAL CONDITIONS
Public consumption funds on collective farms and their use. M. Meika. Komin. Mold. 7 no 4:51-56 Ap '62.

RURAL ELECTRIFICATION
Elagin, V. D. [Plus electrification, ..] Plius elektrifikatsiia... Moskva, Izd-vo "Znanie," 1962. 47 p. (Narodnyi universitet kul'tury. Sel'skokhoziaistvennyi fakul'tet, no. 1)
Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut elektrifikatsii sel'skogo khoziaistva. [Auxiliary power plants and electrical systems for increasing the reliability of rural electric power distribution] Rezervnye elektrostantsii i elektroagregaty dlia povysheniia nadezhnosti sel'skogo elektrosnabzheniia Moskva, Otdel tekhnicheskoi informatsii VIESKh, 1960. 70 p.
[MICROFILM]

RURAL ELECTRIFICATION—BIBLIOGRAPHY see Bibliography—Rural electrification

RURAL ELECTRIFICATION—COMMUNICATION SYSTEMS
Communication channels using rural high-voltage power transmission lines. M. Sherman. Tekh. v sel'khoz. 22 no. 4:47-49 Ap '62.

RURAL LIBRARIES
(see also subdivision under Altai Territory; Maritime Territory; Nizhniy Zhirim; Parkovo; Rasskazovo District; Virgin Territory)
This concerns all of our people. Bibliotekar' no. 4:1-3 Ap '62.

RURAL LIFE see Outdoor life

RURAL MEDICINE see Medicine, Rural

RURAL SCHOOLS
Work of rural schools in the light of the new tasks assigned by the Communist Party to agriculture. Shkola i proizv. 6 no. 3:3-8 Mr '62.

RURAL SEWERAGE see Sewerage, Rural

RURAL WATER SUPPLY see Water supply, Rural

RUSAKOVA, NINA IVANOVNA
Rebrov, M. F., and V. D. Sokolov. [On the trail of the brave] Dorogoi smelykh. Moskva, Voen. izd-vo M-va oborony SSSR, 1962. 73 p. (Geroi sovremenniki)

RUSSIA—AIR FORCE
Seconds gained on the ground. Sov. voin 44 no. 6:20-21 Mr '62.

RUSSIA—ALLIED INTERVENTION, 1918-1920
Zak, L. M. [Noble traditions of solidarity; how the French people struggled against intervention in Soviet Russia, 1918-1920] Slavnye traditsii solidarnosti; bor'ba frantsuzskogo naroda protiv interventsii v Sovetskuiu Rossiiu v 1918-1920 gg. Moskva, Gos. izd-vo polit. lit-ry, 1962. 126 p.

RUSSIA—ARMED FORCES
Always prepared for an exploit. Sov. voin 44 no. 3:7-8 Ap '62.
In a united formation. Starsh.-serzh. no. 1-2 of cover-1 Ja '62.
Lofty military duty. A. Pokryshkin. Starsh.-serzh. no 2:2-3 F '62.
Marks of time. V. Otkidach. Sov. voin 44 no. 8:28-29 Ap '62.
Master military and technological knowledge P. A. Rotmistrov. Voen. znan. 38 no. 4:12 Ap '62.
Patriotic and international obligation. M. Vetrov. Voen. vest. 41 no. 4:47-50 Ap '62.
Soldiers' little red star. Starsh.-serzh. no. 2:1 F '62.
The Soviet Armed Forces and the 22d Congress of the CPSU. N. IA. Galai. Mat. i osob. issl. otd. Inst. po izuch. SSSR no. 31:1-20 Ja '62.
Tirelessly strengthen the defense of our country. D. F. Loza. Voen. znan. 38 no. 4:13-14 Ap '62.
Under Lenin's banner Voen. vest 41 no 4:3-6 Ap '62
With the program in our hearts A. Bondarenko Starsh.-serzh no 1 2-3 Ja '62

RUSSIA—ARMED FORCES—EDUCATION, NON-MILITARY
Strengthening the defense of the U. S. S. R. is a sacred duty of Soviet people. I. Feduninskii. Part. zhizn' [Uzb.] 5 no 2 16-23 F '62

RUSSIA—ARMED FORCES—INSIGNIA
Military designation of Guards Voen. znan. 38 no. 4:40 Ap '62

RUSSIA—ARMED FORCES—MILITARY CONSTRUCTION OPERATIONS
Scarlet pennant of the victor S. Perekalin. Sov. voin 44 no. 4:21-24 F '62

RUSSIA—ARMED FORCES—POLITICAL ACTIVITY
Brief news of party and political work Komm. Vooruzh. Sil 2 no. 8 94-95 Ap '62.
Effective work of political study groups depends on the preparation of lecturers for political talks and lectures. A. Gromov Komm. Vooruzh. Sil 2 no 8,38-43 Ap '62
Increased role of the CPSU in the guidance of the Soviet Armed Forces G. Shandala. Komm. Vooruzh. Sil 2 no. 8:9-18 Ap '62.
The name "Lenin" is enthroned in their hearts. A Koval' Komm Vooruzh. Sil 2 no. 8 66-70 Ap '62
Soldier and citizen V Riabov. Sov voin 44 no. 4.2-3 F '62

RUSSIA—ARMED FORCES—REGULATIONS
Semenov, I. S. [Firm internal order is the foundation of the life of troops] Tverdyi vnutrennii poriadok - osnova zhizni voisk. Moskva, Voen. izd-vo M-va obor. SSSR, 1962. 57 p.

RUSSIA—ARMY
As in battle. Sov voin 44 no 8 9-12 Ap '62
On the upgrade. A Kiselev Voen. vest. 41 no. 3 11-12 Mr '62.
Regiment continues on its course V. Sokolov Starsh.-serzh. no 2 8-9 F '62
Reliable sentinels of the motherland K. Simonov. Sov. voin 44 no 1:40 Ja '62.
Toward glorious military achievements. V. Koniaev Komm. Vooruzh. Sil 2 no. 8:73-74 Ap '62.

RUSSIA—ARMY—ARTILLERY
At the forefront of socialist competition N. Osadchii. Komm. Vooruzh. Sil 2 no. 8,70-73 Ap '62.

RUSSIA—ARMY—GUARD DUTY
Memorable guard duty. V Ezhov. Starsh.-serzh. no. 2 26 F '62.

RUSSIA—ARMY—INSIGNIA
Genealogy of military ranks M. Vasil'ev Starsh.-serzh no 1 38 Ja '62
Shoulder straps as symbols of rank. Sov. voin 44 no. 4: 47 F '62.

RUSSIA—ARMY—MILITARY LIFE
Lads in gray overcoats. Sov. voin 44 no 4:16-18 F '62.
The sergeant and a book A. Kornilukhin. Starsh.-serzh. no. 1 11 Ja '62
They will become friends. N. Shilin Sov voin 44 no. 1: 34-35 Ja '62.

RUSSIA—ARMY—NONCOMMISSIONED OFFICERS
Authority of the sergeant. A Sobolev. Starsh.-serzh. no. 1:14-15 Ja '62
Cadet today, commander tomorrow V. Koshitak. Starsh.-serzh. no 4:9 Ap '62.
Our remarkable commander. N. Bychenko. Starsh.-serzh no 3:20 Mr '62
Sergeants of the first rifle company. N. Korol'kov. Starsh.-serzh no 3:2-3 Mr '62.

RUSSIA—ARMY—OFFICERS
Cadets must have skill in educational work. V. Akulov. Voen. vest. 41 no 3 67-68 Mr '62.
Operativeness of actions and the language of command. P. Chirkov. Voen. vest. 41 no. 4:56-58 Ap '62
Prepare candidates in the academy thoroughly. I. Demchuk. Voen vest. 41 no. 3 58-60 Mr '62.
Tactical skill of officers. Voen vest. 41 no. 3:3-7 Mr '62.

RUSSIA—ARMY—ORGANIZATION
"Institution for the control of a large operating army." Voen.-ist. zhur. 4 no 1,128 Ja '62.

RUSSIA—ARMY—POLITICAL ACTIVITY
Follow-up of articles published in our periodical. Komm. Vooruzh. Sil 2 no. 8:96 Ap '62.
Improving political training. K. IAkovlev. Voen. vest. 41 no. 3:8-10 Mr '62.
The most important objective of military builders. Komm. Vooruzh. Sil 2 no. 8:84 Ap '62.
Party group of a platoon. B. IAshenkin. Komm. Vooruzh. Sil 2 no. 8:55-57 Ap '62.
Political organs should rely upon activists. M. Lisichkin. Komm. Vooruzh. Sil 2 no. 8:47-50 Ap '62.
Soldier deputy. M. Vasil'ev. Starsh.-serzh. no 3:10 Mr '62.
Under difficult conditions. I. Nevrev. Voen vest. 41 no 4:51-52 Ap '62.

RUSSIA—ARMY—REGULATIONS
The garrison duty regulations read like this. Starsh.-serzh no 4 23 Ap '62

RUSSIA—ARMY—SUPPLIES AND STORES
Important duty V. Chuprin Starsh.-serzh no 4,38 Ap '62

RUSSIA—ARMY—UNIFORMS
Be proud of the uniform, wear it with honor. I. Kolesnikov. Starsh.-serzh. no. 1 12-13 Ja '62.

RUSSIA—BIOBIBLIOGRAPHY
"Biographical dictionary of workers in natural science and engineering," vols. 1-2. Reviewed by S. V. Bazhenov. Veterinariia 37 no.10-83-86 O '60.

RUSSIA—BIOGRAPHY
Kulikov, IU., comp. [Chernyshevskii's followers] Spodvizhniki Chernyshevskogo. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1961. 478 p (Zhizn' zamechatel'nykh liudei. Serila biografii, no 18(332))

RUSSIA—COMMERCE
Ardent champion of peace and socialism Vnesh.torg. 42 no.4-3-4 '62.
Development of Soviet foreign trade [with English summary in appendix]. G. Rubinshtein, M. Baksht. Vnesh. torg. 42 no.4:5-13 '62.
Improving the planning of foreign trade cargo deliveries to sea harbors G. Brukhis Mor. flot 22 no. 4:6-8 Ap '62.
Let's inculcate progressive forms of payments. IA. Kunik. Sov torg. 35 no. 4-26-28 Ap '62.
Role of regional economic councils in the development of Soviet export [with English summary in appendix]. L. Baulin. Vnesh. torg. 42 no. 6:7-11 '62.
Special features of the evaluation of the balances of foreign trade agencies. A. F Mukhin Uch zap. IMO no. 4:257-270 '61.
Trade ties strengthen and the volume of trade goes up; communique. Vnesh. torg. 42 no. 5:3-6 '62.
Work of vital interest to us. A. Miliaev. Sov. pech. no. 3-0-11 Mr '62.

RUSSIA—COMMERCE—MOROCCO
"We are satisfied with the results of negotiations." Abdel Aziz Bennani. Vnesh. torg. 42 no. 4 26 '62.

RUSSIA—COMMUNIST PARTY see Communist Party of the Soviet Union

RUSSIA—CONSTITUTIONAL LAW
"Soviet constitutional law; a textbook" by A. I. Lepeshkin. Vol. 1. Reviewed by T. B. Anisimova, L. V. Lazarev. Sov. gos. i pravo 32 no. 5:146-150 My '62.

RUSSIA—CULTURE
"For a new and worldly culture." V. Keldysh Vop lit. 5 no 12.56-73 D '61.

RUSSIA—DEFENSES
Strengthening the defense of the U. S. S. R. is a sacred duty of Soviet people I Fediuninskii Part zhizn' [Uzb.] 5 no. 2 16-23 F '62.

RUSSIA—ECONOMIC CONDITIONS
Along Lenin's path. Sem'ia i shkola 17 no. 4.1 Ap '61.
For a further upsurge in the living standard of the Soviet people. M. V. Solodkov. Prep. ist. v shkole 17 no. 3: 10-19 My-Je '62.
Fulfilled assignment. Masl.-zhir.prom. 28 no. 3-1 Mr '62.
"History of the national economy of the U. S. S. R.; 1917-1959." Reviewed by N. P. Ponintovskaia. Vest vys. shkoly 20 no. 4:90-93 Ap '62

[illegible] Kazantsev.

ul
'1
im

ral'-
ie

ıykiv
l

l."
or.

3-4

r.

True people's democracy K. Zainullin Part zhizn' [Uzb.] 5 no 2 24-29 F '62.
The victorious ideas of Leninism are full of life. Komm. Mold. 7 no. 4.3-9 Ap '62
We are for competition! Kul't. i zhizn' 6 no. 2-5-6 '62.
We shall carry out our plans. E Gorbunov Agitator no 6 28-29 Mr '62

RUSSIA—ECONOMIC POLICY
Aims of the fourth year of the seven-year plan will be realized Mekh. i avtom proizv. 16 no 3-1-2 Mr '62
Chief criterion of our progress Starsh.-serzh no 1-4-5 Ja '62
Leninism is the banner of our time. Komm. Ukr 37 no 4 3-9 Ap '62.
A new year of large-scale building of communism. Sots. trud 7 no 1 3-10 Ja '62.
The problem of distribution in the new program of the CPSU. E. A. Glovinskii. Mat. i soob. Issl. otd Inst. po izuch. SSSR no. 31:21-33 Ja '62.
Ten yearly norms to be fulfilled during the seven-year plan. Avt. transp. 40 no. 4-67 Ap '62.
Under Lenin's banner. Voen vest. 41 no. 4-3-6 Ap '62.

RUSSIA—FOREIGN ECONOMIC RELATIONS—ITALY
Italian exhibition in Moscow. V. Krasnopol'skii. Nov. vrem. 20 no. 23 10-11 Je '62.

RUSSIA—FOREIGN ECONOMIC RELATIONS—JAPAN
License agreement came into effect. V. Zhdan. Vnesh. torg. 42 no. 4-29 '62.

RUSSIA—FOREIGN RELATIONS
Airapetian, M. E., and G. A. Deborin. [Communism and foreign policy] Kommunizm i vneshniaia politika. Moskva, Izd-vo "Znanie," 1962. 47 p. [MICROFILM]
Ermagambetov, M. K. [U. S. S. R. guards the peace and security of the peoples] SSSR na strazhe mira i bezopasnosti narodov. Alma-Ata, Kazakhskoe gos. izd-vo, 1961. 335 p.
Peaceful coexistence doesn't mean the abatement of ideological struggle. Kommunist 38 no. 8:60-68 My '62.
A requisite condition IU Popov. Agitator no 6. 22-26 Mr '62
Russia. Ministerstvo inostrannykh del. [Documentary materials of the Russian Ministry of Foreign Affairs concerning Russian foreign policy in the 19th and the early 20th century. Series 1 (1801-1815)] Vneshniaia politika Rossii XIX i nachala XX veka, dokumenty rossiiskogo Ministerstva inostrannykh del. Serila pervaia 1801-1815 gg. Moskva, Gos. izd-vo polit. lit-ry.
Vol. 2. [April 1804-December 1805] Aprel' 1804 g. - dekabr' 1805 g. 1961. 742 p.

RUSSIA—FOREIGN RELATIONS—AFGHANISTAN
Historic documents of the Leninist policy of friendship with the peoples of the East [with summary in English, pp. 264-265] A. N. Kheifets Nar. Azii i Afr no. 2. 82-101 '62.

RUSSIA—FOREIGN RELATIONS—AFRICA
[The Soviet Union is a sincere friend of the peoples of Africa; trip of L. I. Brezhnev, Chairman of the Presidium of the Supreme Soviet of the U. S. S. R., to Morocco, Guinea, and Ghana, February 9-21, 1961] Sovetskii Soiuz - iskrennii drug narodov Afriki; prebyvanie Predsedatelia Prezidiuma Verkhovnogo Soveta SSSR L. I. Brezhneva v Marokko, Gvinee, Gane 9-21 fevralia 1961 g. Moskva, Gos. izd-vo polit. lit-ry, 1961. 168 p.

RUSSIA—FOREIGN RELATIONS—ARAB COUNTRIES
"The U. S. S. R. and Arab countries; documents and source materials, 1917-1960." Reviewed by V. Lukin. Mezhdunar zhizn' 9 no. 5:124-127 My '62

RUSSIA—FOREIGN RELATIONS—IRAN
Historic documents of the Leninist policy of friendship with the peoples of the East [with summary in English, pp. 264-265]. A. N. Kheifets. Nar. Azii i Afr. no. 2: 82-101 '62

RUSSIA—FOREIGN RELATIONS—TURKEY
Historic documents of the Leninist policy of friendship with the peoples of the East [with summary in English, pp 264-265]. A. N. Kheifets Nar. Azii i Afr. no. 2: 82-101 '62.

RUSSIA—GEOGRAPHY see Geography

RUSSIA—HISTORY
Akademiia nauk SSSR. Institut istorii. [Critical evaluation of the bourgeois conception of Russian history in the period of feudalism] Kritika burzhuaznykh kontseptsii istorii Rossii perioda feodalizma. Moskva, Izd-vo Akad. nauk SSSR, 1962. 427 p.
Akademiia nauk SSSR. Institut istorii. [Soviet historical studies in the period between the 20th and 22d congresses of the CPSU; history of the U. S. S. R.] Sovetskaia istoricheskaia nauka ot XX k XXII s"ezdu KPSS; istoriia SSSR. Sbornik statei. Moskva, Izd-vo Akad. nauk SSSR. 1962. 625 p.
At the sources. V. Popov-Dubovskoi. Sov. pech. no. 3-32-34 Mr '62.

Civil War in the United States and the Russian revolutionary democrats I. IA. Levitas. Prep ist v shkole 17 no 3:26-32 My-Je '62
Mints, I. I., and D. S. Karev. [History of the U. S. S. R. with information on the Constitution of the U. S. S. R. and the modern and recent history of foreign countries] Istoriia SSSR so svedeniiami po Konstitutsii SSSR, noveishei i noveishei istorii zarubezhnykh stran. Kiev, Obs. uchebno-pedagog. izd-vo "Radians'ka shkola."
Pt. 2. [Textbook for the eighth grade] Uchebnoe posobie dlia 8 klassa. 1962. 302 p.
"Mysteries of faded lines" by R. Pereavetov. Reviewed by A. Varshavskii. Znan sila 37 no 4.44-45 Ap '62.

RUSSIA—HISTORY—SOURCES
Methodology of the study of official documentary sources in work on the history of local government in Russia during the first half of the 16th century. A. A. Zimin. Vop. arkh. 7 no 1 33-16 Ja-Mr '62.

RUSSIA—HISTORY—STUDY AND TEACHING
Twenty-Second Congress of CPSU and some aspects of teaching the history of U. S. S. R IU. S. Borisov Prep ist. v shkole 17 no 3.33-42 My-Je '62

RUSSIA—HISTORY, MILITARY
"Military deeds of the masses" by P. P Vershigora Reviewed by S. Lipitskii. Voen.-ist. zhur 4 no. 4:P4-100 Ap '62.
Work in military history among troops of the Northern Caucasus Military District I. Pilev. Voen.-ist zhur 4 no 1-25-34 Ja '62.

RUSSIA—HISTORY, NAVAL
"History of the Russian fleet" by N. A. Bestuzhev. Reviewed by V. Achkasov, S. Peshtich. Voen.-ist zhur. 4 no 1-109-113 Ja '62.

RUSSIA—INDUSTRIES
Increasing the production of the means of production. N. Gur'ev. Otv. na vop. trud. no. 12:12-21 D '61.
Khavin, A. F. [Concise study of industrialization in the U. S. S. R.] Kratkii ocherk istorii industrializatsii SSSR. Moskva, Gos. izd-vo polit. lit-ry, 1962. 438 p.

RUSSIA—INVASION OF 1812
Fadeev, A. V. [The 150th anniversary of the Patriotic War of 1812] Otechestvennaia voina 1812 goda; k 150-letiiu. Moskva, Izd-vo "Znanie," 1962. 31 p (Novoe v zhizni, nauke, tekhnike. I Serila: Istoriia, no. 3)
How to celebrate the 150th anniversary of the Patriotic War of 1812. M. M. Terekhov Prep. ist v shkole 17 no 3:84-86 My-Je '62

RUSSIA—LITERATURES
All-Union conference held to discuss the prospectus for the "History of Soviet literature." N. V Kidiaish-Pokrovskaia. Izv. AN SSSR, Otd. lit. i iaz. 21 no 2: 170-102 Mr-Ap '62.
Amid periodicals and newspapers. Vop lit. 5 no. 12: 229-230 D '61.
Amid periodicals and newspapers. Vop. lit. 6 no. 4: 235-236 Ap '62.
Brief news. Vop. lit. 6 no. 4:244-256 Ap '62.
A multinational unity. Arfo Petrosina. Oktiabr' 39 no. 2:188-194 F '62.

RUSSIA—MANUFACTURES
We should meet the demands of workers better. Agitator no. 10. 23-26 My '62.

RUSSIA—MAPS, PHYSICAL
Maps of natural conditions. IU G. Kelner. Shor. st po kart no. 12-10-30 '61.

RUSSIA—NAVY
Ponomarev, I. I. [The fate of heroes; how a newspaperman tried to find the sailors who served aboard the cruiser "Variag" and the battleship "Potemkin."] Sud'by geroev; zapiski zhurnalista o polskakh matrosov kreisera "Variag" i bronenosca "Potemkin." [Murmansk] Murmanskoe knizhnoe izd-vo, 1961. 157 p.
Prepare youth for naval service. F. V. Zozulia Voen znan. 38 no 4:13 Ap '62.
There are young people in the crew V. Korovnikov Starsh.-serzh. no 3:5 Mr '62.

RUSSIA—NAVY—COMMUNICATION SYSTEMS
Radio communication from a submarine as revealed by foreign press data) V. Kamaev. Starsh.-serzh. no. 3: 26-27 Mr '62.

RUSSIA—NAVY—ELECTRIC INSTALLATIONS
Warrant Officer is an innovator. V. Mukovnin. Starsh.-serzh. no 4:31 Ap '62

RUSSIA—NAVY—OFFICERS
"Officer and petty officer" by S. Chuprynin. Reviewed by I. Panov. Starsh.-serzh. no. 2:20 F '62.

RUSSIA—NAVY—PETTY OFFICERS
"Officer and petty officer" by S. Chuprynin Reviewed by I. Panov. Starsh.-serzh. no. 2:20 F '62.

RUSSIA—NAVY—POLITICAL ACTIVITY
Noble hearts. N. Belous. Komm. Vooruzh. Sil 2 no. 8. 61-65 Ap '62.

RUSSIA—NAVY—SEA LIFE

Sailors of the Pacific Fleet. V. Protasov. Sov. voin. 44 no. 1;22-23 Ja '62.

RUSSIA—NAVY—SIGNALING

Signalmen are being trained at sea. S. Kutskov. Starsh. -serzh. no. 4,8 Ap '62.

RUSSIA—POLITICS AND GOVERNMENT

Belykh, A. K. [Soviet man is the master of his country] Sovetskii chelovek - khoziain svoego gosudarstva. [Leningrad] Lenizdat, 1961. 62 p.

Chronicle of recent events; December 1961. IU. P. Mirenenko. Mat. i soob. Iasl. otd. Inst. po izuch. SSSR no. 31; 58-64 Je '62.

"Drawing the masses into governing of the state" by V. I. Lenin. Reviewed by E. Beschetvnykh. Part. zhizn' no. 9. 73-76 My '62.

Extended rights of the Union Republics. P. Romanov. Komm. Vooruzh. Sil. 2 no. 8,85-89 Ap '62.

Functions of the Soviet state in the early phase of its history. H. Zhytnikau. Vestsi AN BSSR. Ser. hram. nav. no. 1;42-53 '62.

[Gazette of the Supreme Soviet of the U. S. S. R.] Ved. Verkh. Sov. SSSR. 25 nos. 16-18, 20-22. Ap-My '62.

I vote for the people's happiness. S. Chikhachev. Starsh. -serzh. no. 2. 14 F '62.

Let's strictly control the work of party, governmental, and public-service organizations. Part. zhizn' no. 9, 3-7 My '62.

"Pravda" journalists as deputies of the Russian parliament. Fingerit. Sov. pech. no. 3;34-36 Mr '62.

Right direction. Nov. vrem. 20 no. 19;2-3 My '62.

They carry out the will of the millions. Ukraina no. 10 1 My '62.

Transformation of Soviet laws into the rules of communist self-government. S. S. Alekseev. Sov. gos. i pravo 32 no. 5;18-26 My '62.

True people's democracy. K. Zainullin. Part. zhizn' [Uzb.] 5 no. 2. 24-29 F '62.

Ukraine, Verkhovnyi Sovet. [Meetings of the Fifth Supreme Soviet of the Ukrainian S. S. R., fourth session, December 27-28, 1960. Verbatim report.] Zasedaniia Verkhovnogo Soveta Ukrainskoi SSR piatogo sozyva; chetvertaia sessiia (27-28 dekabria 1960 goda). Stenograficheskii otchet. Kiev, Gos. izd-vo polit. lit-ry USSR, 1961. 224 p.

RUSSIA—RELATIONS (GENERAL) WITH ARMENIA

"Friendship; articles, sketches, studies, and letters concerning Russo-Armenian contacts" [in Armenian]. Vols. 1-2. Reviewed by Z. Bashindzhagian. Ist. -filol. zhur. no. 1 276-280 '62.

RUSSIA—RELATIONS (GENERAL) WITH BRAZIL

Good prospects. Sebastian de Oliveira Ersen. Kul't. i zhizn' 6 no. 2;36 '62.

RUSSIA—RELATIONS (GENERAL) WITH BULGARIA

Our friends speak. V. A. Makarov. Veterinariia 38 no. 1; 13-14 Ja '61.

RUSSIA—RELATIONS (GENERAL) WITH CUBA

Riflemen of heroic Cuba. M. Ivov. Sov. voin. 44 no. 1; 43 Ja '62.

We will return to Cuba as agriculture mechanizers. IUn. tekh. 6 no. 3,18-19 Mr '62.

RUSSIA—RELATIONS (GENERAL) WITH CZECHOSLOVAKIA

In an indissoluble union. B. Lomsky. Starsh. -serzh. no. 4;11 Ap '62.

RUSSIA—RELATIONS (GENERAL) WITH FOREIGN COUNTRIES

Consolidation of international trade-union relations. A. Koshkarev. Avt. transp. 40 no. 4;56-57 Ap '62.

A museum of great brotherhood. A. Losev. Neva no. 1;213-214 '62.

Patriotic and international obligation. M. Vetrov. Voen. vest. 41 no. 4;47-50 Ap '62.

Peaceful coexistence doesn't mean the abatement of ideological struggle. Kommunist 38 no. 8;60-68 My '62.

RUSSIA—RELATIONS (GENERAL) WITH FRANCE

Brotherly handclasp. S. Bamdas. Sov. voin. 44 no. 1;17 Ja '62.

RUSSIA—RELATIONS (GENERAL) WITH GREAT BRITAIN

An English town and a city on the Volga. A. Dynkin. Sov. deput. trud. no. 4;105-108 Ap '62.

RUSSIA—RELATIONS (GENERAL) WITH ITALY

Friends of the Italians. A. Stepanova. Kul't. i zhizn' 6 no. 2;31-33 '62.

RUSSIA—RELATIONS (GENERAL) WITH JAPAN

Flocks of paper cranes. Zdorov'e 8 no. 2;26 F '62.

In the past 30 years. Matsumura Siro. Kul't. i zhizn' 6 no. 2;42-43 '62.

RUSSIA—RELATIONS (GENERAL) WITH SOMALIA

I visited Somalia [with English summary in insert]. O. Gorovoi. Az. i Afr. sog. no. 4;40-41 Ap '62.

RUSSIA—RELATIONS (GENERAL) WITH THE UNITED STATES

Documents of our era; Lenin and the American labor movement. I. Andronov. Nov. verm. 20 no. 19;6-8 My '62.

In a united front. A. Shakhov. Kul't. i zhizn' 6 no. 2. 19 '62.

RUSSIA—RELIGION

The most important events in the life of churches and religious groups in the U. S. S. R. N. A. Teodorovich. Mat. i soob. Iasl. otd. Inst. po izuch. SSSR no. 31 51-53 Ja '62.

RUSSIA—REVOLUTION, 1917-1921

(see also subdivision under Chelyabinsk Government, Ishim; Kaluga Province, Karelia, Kazakhstan, Kharkov, Latvia, Leningrad; Maritime Territory, Ukraine; White Russia)

Brotherly handclasp. S. Bamdas. Sov. voin. 44 no. 1;17 Ja '62.

[The Communist Party during the allied armed intervention and civil war, 1918-1920; documents and source materials] Partiia v period inostrannoi voennoi interventsii i grazhdanskoi voiny, 1918-1920 gody; dokumenty i materialy. Moskva, Gos. izd-vo polit. lit-ry, 1962. 679 p.

Dates, events, and people. Komm. Bel. 36 no. 4;76-78 Ap '62.

Defense of the fort at Kushka in 1918. I. Kas'kov. Voen. -ist. zhur. 1 no. 1;114-118 Ja '62.

Erykalov, E. F., and others. [In the flames of revolution; military work of the Bolshevik party in 1917] V ogne revoliutsii; voenno-boevaia rabota bol'shevistskoi partii v 1917 godu. Pod obshchei red. E. F. Erykalova. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 284 p.

Failure of the General Staff's attempt to put down the revolution of February 1917 in Petrograd. A. A. Sidorov. Vop. arkh. 7 no. 1 101-109 Ja-Mr '62.

The First Revolutionary Regiment named after Lenin. V. Solomennyi. Voen. -ist. zhur. 4 no. 4;110-114 Ap '62.

From the tachanka to the rocket. Starsh. -serzh. no. 2 28-29 F '62.

In those flaming years. D. Grazkin. Sov. voin. 44 no. 3 4-5 Ap '62.

"Into the storm" by V. Polikarpov. Reviewed by Z. Grebel'skii. Voen. -ist. zhur. 4 no. 4;101-103 Ap '62.

New archival documents. G. Os'kin. Voen. -ist. zhur. 4 no. 1 118-121 Ja '62.

New documents of V. I. Lenin. Vop. ist. KPSS 6 no. 2-3 8 '62.

Non-Russian military units of the Red Army during the civil war and foreign armed intervention. P. Shuktomov. Voen. -ist. zhur. 4 no. 4;115-119 Ap '62.

The Police Department on the plan of the Petrograd Bolsheviks in February 1917. Vop. arkh. 7 no. 1;111-112 Ja-Mr '62.

Potapov, M. I. [Broad path of my life] Na shliakhu shyrokim. Kyiv, Derzh. vyd-vo khudozh. lit-ry, 1961. 209 p.

Reminiscences of I. I. Vatsetis, the Supreme Commander of the Red Army. Voen. -ist. zhur. 4 no. 4;70-79 Ap '62.

Role of the newspaper "Pravda" in the organization of the Red Army. O. Korytkovskii. Voen. -ist. zhur. 4 no. 4;52-59 Ap '62.

Story about a note. Voen. znan. 38 no. 4;8 Ap '62.

To Lenin for the truth. S. Kalinin. Voen. vest. 41 no. 4, 7-9 Ap '62.

"Trumpeters sound the alarm" by I. V. Dubinskii. Voen. znan. 38 no. 4;30 Ap '62.

Voice of October. M. Kotliarskii. Sov. pech. no. 2;27-29 F '62.

Warmed by the love of Lenin. V. Nelnev. Voen. znan. 38 no. 4;7-8 Ap '62.

We prepare horses for a campaign. V. Shtyrliaev. Starsh. -serzh. no. 2 4-5 F '62.

RUSSIA—REVOLUTION, 1917-1921—CHINESE PARTICIPATION

"How Chinese volunteers fought for the Soviet regime, 1918-1922", "Participation of Soviet volunteers in the first revolutionary civil war in China; reminiscences." Reviewed by L. Kiuzadzhian. Novyi mir 38 no. 1; 271-274 Ja '62.

RUSSIA, NORTHERN—BRUCELLA

Brucellosis in the regions of the Far North. Report No. 4; Study of Brucella cultures isolated from reindeers [with summary in English]. I. I. Cherchenko, O. A. Bakaeva. Zhur. mikrobiol., epid. i immun. 33 no. 3; 69-76 Mr '62.

RUSSIA, NORTHERN—FOREST NURSERIES

Special aspects of growing nursery stock in the north. V. P. Tarabrin. Les. khoz. 15 no. 4;44-46 Ap '62.

RUSSIA, NORTHERN—MARINE RADIO STATIONS

For this time, goodby. O. Ravinskii. Sov. voin. 44 no. 4;29-30 F '62.

RUSSIA, NORTHERN—ORE DEPOSITS

Metallogeny of the Polar Urals and Novaya Zemlya folded area. M. F. Lobanov. Sov. geol. 5 no. 3;46-54 Mr '62.

RUSSIA, NORTHERN—SPRING

Early spring. A. S. Shkliaev, E. F. Zubkov. Priroda 51 no. 4 127-128 Ap '62.

RUSSIA, NORTHERN—SUBMARINE BOATS

Spring cares of radar operators. N. Vorona. Starsh. -serzh. no. 3 22 Mr '62.

RUSSIA, NORTHERN—TREES—FERTILIZERS AND MANURES

Effect of mineral fertilizers on the growth of tree species in the tundra. V. F. Valikova. Trudy Inst. lesa i drev. 50;82-89 '61.

RUSSIA, NORTHERN—VEGETABLE GARDENING

Vegetables of the Far North. A. Kravchuk. Starsh. -serzh. no. 1 21 Ja '62.

RUSSIA, NORTHERN—VOCATIONAL EDUCATION

Special aspects of work and production training in the schools of the North. IU. B. Strakach. Shkola i proizv. 6 no. 3;21-23 Mr '62.

RUSSIA, SOUTHERN—MATHEMATICS

Nauchno-metodicheskaia konferentsiia matematicheskikh kafedr pedagogicheskikh institutov iuga RSFSR, 2d. [Abstracts of papers read at the Methodological Conference of the Mathematics Departments of the Pedagogic Institutes of the southern part of the R. S. F. S. R.] Tezisy dokladov. Rostov na Donu, Rostovskii na Donu Gos. pedagog. in-t, 1960. 105 p.
[MICROFILM]

RUSSIAN DRAMA—HISTORY AND CRITICISM

And your opinion? Raisa Abakumova and others. Teatr 23 no. 5;71-76 My '62.

Copy of an undelivered speech. Isidor Shtok. Teatr 23 no. 5;49-55 My '62.

Discussion on contemporary Soviet drama. A. Khailov. Izv. AN SSSR. Otd. lit. i iaz. 21 no. 2 185-188 Mr-Ap '62.

Exposition in drama. V. Sakhnovskii-Panteev. Vop. lit. 5 no. 12;174-185 D '61.

Fashion, innovations, and traditions. IUr. Zubkov. Oktiabr' 38 no. 4,184-194 Ap '62.

From the editors; What is new in life is also new in drama. Teatr 23 no. 5;43-48 My '62.

In the Union of Writers. Teatr 23 no. 5,80 My '62.

More on the hero of our times. A. Karaganov. Teatr 23 no. 5;56-65 My '62.

Must we strive for this? S. Koshelev. Teatr 23 no. 5; 77-78 My '62.

"Outline history of the Soviet Russian dramatic theater, 1935-1945." Reviewed by A. Bogusiavskii, Vl. Diev. Izv. AN SSSR. Otd. lit. i iaz. 20 no. 4 339-341 Jl-Ag '61.

"Soviet drama during the years of the civil war" by L. Tamashin. Reviewed by S. Penina. Vop. lit. 6 no. 4 226-227 Ap '62.

"We are also building communism." M. Popova. Teatr 23 no. 5;78 My '62.

Year of drama. N. Ignat'eva. Vop. lit. 6 no. 4;3-23 Ap '62.

RUSSIAN DRAMA (COMEDY)

Melancholy without comedy. E. Polosin. Teatr 23 no. 5;79 My '62.

RUSSIAN LANGUAGE

The Russian language is a powerful means of the development of contacts among the different nations of the U. S. S. R. [in Uzbek with summary in Russian]. D. U. Ashurova. Obshchestv. nauki v Uz. 6 no. 3;19-26 '62.

Some objectives of experts on the Russian language. V. I. Borkovskii. Izv. AN SSSR. Otd. lit. i iaz. 21 no. 2, 100-102 Mr-Ap '62.

RUSSIAN LANGUAGE—COMPOSITION AND EXERCISES

Figurovskii, I. A. [Syntax of texts in their entirety and written compositions of students] Sintaksis tselogo teksta i uchenicheskie pis'mennye raboty. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 170 p.

RUSSIAN LANGUAGE—DIALECTS

(see also subdivision under Smolensk region)

"History of affricates in the Russian language in connection with the formation of Russian dialects" by V. G. Orlova. Reviewed by V. I. Lytkin. Izv. AN SSSR. Otd. lit. i iaz. 20 no. 1;79-86 Ja-F '61.

Merkur'ev, I. S. [Murmansk dialect; phonetics and vocalism] Murmanskii govor; fonetika, vokalizm. Pod red. L. I. Zhitenevoi. Murmansk, Murmanskii gos. pedagog. in-t, 1960. 33 p.
(MH)

Types of syntactic differences of Russian dialects. I. B. Kuz'mina, E. V. Nemchenko. Izv. AN SSSR. Otd. lit. i iaz. 20 no. 4;302-313 Jl-Ag '61.

RUSSIAN LANGUAGE—DICTIONARIES

Akademiia nauk SSSR. Institut russkogo iazyka. [Dictionary of the modern Russian literary language] Slovar' sovremennogo russkogo literaturnogo iazyka. Moskva, Izd-vo Akad. nauk SSSR.
Vol. 19. R. 1961. 1676 columns.

RUSSIAN LANGUAGE—DICTIONARIES—GERMAN

[Concise German-Russian and Russian-German dictionary] Kratkii nemetsko-russkii i russko-nemetskii slovar'. Sost. O.D. Lipshits i A.B. Lokhovitu. Izd.10 , ispr. i dop. Moskva, Gos. izd-vo inostr i national'nykh slovarei, 1960. 576 p.

RUSSIAN LANGUAGE—DICTIONARIES—KAZAKH

Makhmudov, Kh., G.Musabaev, and T.Koidabaev, comps. [Russian-Kazakh dictionary for Kazakh eight-year and secondary schools] Shkol'nyi russko-kazakhskii slovar' dlia vos'miletnei i srednei kazakhskoi shkoly. 16,000 slov. Pod red. Kh.Kh.Makhmudova. Alma-Ata, Kazakhskoe gos. uchebno-pedagog. izd-vo, 1960. 475 p.

RUSSIAN LANGUAGE—DICTIONARIES—LATIN

Cherniavskii, M.N., N.B.Kliachko, and B.B.Khodorkovskaia. [Educational Latin-Russian and Russian-Latin dictionary of pharmaceutical terms] Uchebnyi latinsko-russkii i russko-latinskii slovar' farmatsevticheskikh terminov, dlia studentov-zaochnikov farmatsevticheskogo fakul'teta. Red., predisl. i vvedenie M.N. Chernlavskogo. Moskva, Pervyi MOLMI im. I.M. Sechenova, 1961. 56 p.

[MICROFILM]

Russian-Tajik-Latin medical dictionary Letters L and M By M.IA Rasulov. Zdrav Tadzh. 9 no 1 insert Ja-F '62

RUSSIAN LANGUAGE—DICTIONARIES—TAJIK

Russian-Tajik-Latin medical dictionary. Letters L and M By M.IA Rasulov Zdrav Tadzh. 9 no 1 insert Ja-F '62.

RUSSIAN LANGUAGE—IDIOMS, CORRECTIONS, ERRORS

"Russian God." S.A.Reiser. Izv AN SSSR. Otd. lit. i iaz. 20 no.1:84-89 Ja-F '61.

RUSSIAN LANGUAGE—LEXICOGRAPHY

Inter-collegiate conference on problems of historical and regional lexicology and lexicography. A.I.Kornev. Vest. LGU 17 no.8:149-155 '62

RUSSIAN LANGUAGE—OLD RUSSIAN—SYNTAX

Parts of a complex subordinate sentence in the Old Russian language and functions of their order of arrangement V.Z Sannikov. Izv. AN SSSR Otd lit. i iaz. 20 no. 2 122-132 Mr-Ap '61.

RUSSIAN LANGUAGE—PERIODICALS

Periodical "Russkii iazyk v shkole." E.I. Korenevskii Sov. pedag. 26 no.4:141-145 Ap '62.

RUSSIAN LANGUAGE—PHONETICS

"History of affricates in the Russian language in connection with the formation of Russian dialects" by V.G. Orlova. Reviewed by V.I Lytkin. Izv. AN SSSR. Otd. lit. i iaz 20 no.1:79-86 Ja-F '61

RUSSIAN LANGUAGE—PREPOSITIONS

Treachery of prepositions. E.Khanpira. Vop.lit. 6 no.4:183-184 Ap '62.

RUSSIAN LANGUAGE—SPOKEN RUSSIAN

Bakhmutova, E.A. [Speech culture: 1. Orthoepy. 2. Lexical standards] Kul'tura rechi. 1. Orfoepiia. 2. Leksicheskie normy; uchebnoe posobie; [Kazan'] Izd-vo Kazanskogo univ., 1960. 67 p.

(MH)

RUSSIAN LANGUAGE—STUDY AND TEACHING

"Development of thinking during interpretive reading lessons" by A.I. Lipkin Reviewed by L. A. Gorbushina. [illegible] '62.

[illegible] sting.

Figurovskii, I.A. [Syntax of texts in their entirety and written compositions of students] Sintaksis tselogo teksta i uchenicheskie pis'mennye raboty. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 170 p.

Orlova, A.M. [Assimilation of syntactic concepts by students] Usvoenie sintaksicheskikh poniatii uchaschimisia, ocherki. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1961. 322 p.

RUSSIAN LANGUAGE—TEXTBOOKS see subdivision under Bulgaria, Germany, East; Rumania

RUSSIAN LANGUAGE—VERB

Reflexive verbs with reflexive objects in the modern Russian language N.A.IAnko-Trinitskaia. Izv AN SSSR. Otd. lit. i iaz. 20 no.4,314-326 Jl-Ag '61.

RUSSIAN LANGUAGE—WORDS

"Names for footwear in the Russian language, the oldest names up to the time of Peter the Great" by I.S. Vakhros Reviewed by V.V Lopatin, I.S Ulukhanov. Izv AN SSSR Otd. lit i iaz 20 no. 2 169-175 Mr-Ap '61.

RUSSIAN LITERATURE see subdivision under Bohemia

RUSSIAN LITERATURE—BIBLIOGRAPHY see Bibliography—Russian literature

RUSSIAN LITERATURE—COLLECTIONS

Kunov, S., comp. [Kuban dawns, a collection of works by writers of Karachai-Cherkessia] Zori Kubani; sbornik proizvedenii pisatelei Karachaevo-Cherkesii. Cherkessk, Karachaevo-cherkesskoe knizhnoe izd-vo, 1961. 140 p.

(NNC)

Sosnitskaia, M.D., comp. [Living word; a collection of belles-lettres] Zhivoe slovo; literaturno-khudozhestvennyi sbornik. Moskva, Gos. izd-vo detskoi lit-ry, 1960. 542 p. (Shkol'naia biblioteka)

(InU)

RUSSIAN LITERATURE—HISTORY AND CRITICISM

Blagoi, D.D. [Laws of the formation of the new Russian literature] Zakonomernosti stanovleniia novoi russkoi literatury. Moskva, 1958. 108 p. (IV Mezhdunarodnyi s"ezd slavistov. Doklady)

(NNC)

[Book reviews]. N. IAsenopol'skii. Oktiabr' 39 no. 4: 217-218 Ap '62.

Citizenship. V. Pankov. Znamia 32 no.1:191-205 Ja '62.

A discussion of the collection of studies "Creative methods." N. Gerasimov, V. Etov Vest Mosk. un. Ser. 7: Filol., zhur. 17 no. 2:98-103 Mr-Ap '62.

Enough of that! A letter to the editor. S. Tregub. Oktiabr' 39 no. 3 218-223 Mr '62.

Experience through work. A. Marchenko. Vop. lit 5 no 12:21-39 D '61.

From a critical diary; notes on literary prose of the last year. G. Brovman. Moskva 6 no 1 195-206 '62.

The heroes among us. A. Ostrovskii. Neva no.3:189-190 '62.

"History and literature" by G Lenobl'. Reviewed by N Bel'chikov. Moskva 6 no.1,210-211 '62

IAnko, M.D. [Literature of the Urals] Literaturnoe Zaural'e. Kurgan, Sovetskoe Zaural'e, 1960. 164 p.

(MH)

"In Leningrad;" edited by A. Beilin, B. Likharev. Reviewed by D. Khrenkov. Oktiabr' 39 no. 4:208-210 Ap '62.

In quest and the truth of life. IU. Idashkin. Oktiabr' 39 no.3:194-199 Mr '62.

Koltadich, M.V., comp. [On literature] O literature; sbornik dokumentov. Moskva, Gos uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 252 p.

Lezhnev, I.G. [Selected articles] Izbrannye stat'i. Moskva, Gos. izd-vo khudozh lit-ry, 1960. 324 p.

(WU)

Lobanov, M.P., and P.I.Pavlovskii, comps. [Craftsmanship of the writer] Masterstvo pisatelia; sbornik statei. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 242 p.

The "modern" bourgeoisie and its exposers. Larisa Kriachko. Oktiabr' 39 no.3:186-193 Mr '62.

An "optimistic" conflict. V.Bavina. Oktiabr' 39 no.1:202-208 Ja '62.

The past and the present. Lev Nikulin. Oktiabr' 39 no. 4:171-174 Ap '62.

The pathos of labor and education. G.Brovman. Oktiabr' 39 no.3:178-185 Mr '62.

The position of the writer. A.Khvatov. Neva no.1:165-178 '62.

[Soviet literature and problems of literary craftsmanship] Sovetskaia literatura i voprosy masterstva; sbornik statei. [Moskva] Sovetskii pisatel', 1961. 274 p.

Without God, without inspiration... P.Glinkin. Neva no.3:175-181 '62.

RUSSIAN LITERATURE—PERIODICALS

Discussion of the periodical "Russkaia literatura" in the Department of Literature and Languages of the Academy of Sciences of the U.S.S.R. S. Kozlov. Izv. AN SSSR. Otd. lit. i iaz. 20 no. 2:176-179 Mr-Ap '61.

"Izvestiia Akademii nauk SSSR", no.5, 1961. Vop. lit. 6 no.4:234 Ap '62.

No 3 of "Filologicheskie nauki" for 1961. Vop. lit. 5 no 12,227-228 D '61

No 4 of "Izvestiia Akademii Nauk SSSR" for 1961. Vop. lit. 5 no. 12 227 D '61

Nos 3 and 4 of "Russkaia literatura" for 1961. Vop. lit. 5 no 12,226-227 D '61

RUSSIAN LITERATURE—STUDY AND TEACHING

Akademiia pedagogicheskikh nauk RSFSR, Moscow. Institut obshchego i politekhnicheskogo obrazovaniia. [Improving the teaching of literature in senior grades] Opyt sovershenstvovaniia prepodavaniia literatury v starshikh klassakh. Pod red. V.V Golubkova. Moskva, Izd-vo Akad pedagog. nauk RSFSR, 1961 162 p.

Each time in a new way I lubov' Kabo. Vop. lit. 5 no 12,114-117 D '61

How should literature be taught in the schools? N Gudzii. Vop. lit 5 no 12:118-121 D '61

In teaching, educate, and in educating, teach. D. Blagoi. Vop. lit 5 no 12:110-114 D '61

Some results of an inspection I Hintaut, M. Kastelan. Nar asv. no 3 25-31 Mr '62

Stature of schools depends upon the stature of teachers. L. Timofeev. Vop. lit 5 no. 12:121-124 D '61.

The teachers must be taught. A. Belkin. Vop lit. 5 no 12 124-126 D '61.

RUSSIAN LITERATURE—TRANSLATIONS FROM THE LATIN

Meshcherskii, N.A. [Significance of Old Slavic translations for the reconstruction of their archetypes; based on the material of the Old Russian translation of Flavius Josephus' "History of the Jewish War."] Znachenie drevneslavianskikh perevodov dlia vosstanovlenia ikh arkhetipov; na materiale drevnerusskogo perevoda "Istorii IUdeiskoi voiny" Iosifa Flavita. Moskva, 1958. 41 p. (IV Mezhdunarodnyi s"ezd slavistov Doklady)

(NNC)

RUSSIAN LITERATURE—TRANSLATIONS INTO FOREIGN LANGUAGES

Mezhrespublikanskoe soveshchanie po perevodu literatury s russkogo na iazyki narodov Srednei Azii, Kazakhstana i Azerbaidzhana, Alma-Ata, 1958. [Materials of the Regional Conference on the Translation of Literature from the Russian to Languages of the Peoples of Central Asia, Kazakhstan, and Azerbaijan] Materialy regional'nogo soveshchaniia po perevodu literatury s russkogo na iazyki narodov Srednei Azii, Kazakhstana i Azerbaidzhana, 15-18 fevralia 1958 goda, Alma-Ata, Kazakhskoe gos. izd-vo, 1960. 304 p.

(MH)

RUSSIAN NEWSPAPERS

(see also subdivision under Khabarovsk Territory, Sverdlovsk Province; Virgin Territory)

Ardent champion of communism. D. Bekasov. Sov. profsoiuzy 18 no 8 4-6 '62.

Ardent champion of peace and socialism. Vnesh. torg. 42 no.4:3-4 '62.

Ardent propagandist, agitator, and organizer. S Borzenko. Sov. voin 44 no 8:1-2 Ap '62.

The Bolshevik newspaper "Pravda" in 1912-1917; a review of literature on the history of the party. G.V. Pestriakov, I.S.Sazonov. Vop.ist.KPSS 5 no.2:162-171 '62.

Celebration of "truth." Nov. vrem. 20 no.19:9-10 My '62.

Competition of red directors. N.V.Astakhova (Pilatskaia). Sov.pech. no.3:29-31 Mr '62.

Early history of the party organization of Kazakhstan. P. Pakhmurnyi. Part. zhizn' Kazakh. 31[i.e.33] no. 4: 48-51 Ap '62.

A few words on "Pravda." V. Golubev. Vest. Mosk. un Ser. 7: Filol., zhur. 17 no 3 67-68 My-Je '62

Fiftieth anniversary of Lenin's "Pravda." Sots. obesp 23 no. 5 6-7 My '62.

Fiftieth anniversary of the newspaper "Pravda." Nach. shkola 30 no. 5:7-11 My '62.

Fiftieth anniversary of the newspaper "Pravda". Sov. pech. no.2:1-2 F '62.

Fifty years. Znan sila 37 no. 4:2 of cover, 1 Ap '62.

From the position of strict requirements. Sov.pech. no.3:13-17 Mr '62.

Glorious fifty years. Komm. Mold. 7 no. 5:10-17 Ap '62.

How we distributed "Pravda." B. Ivanov. Komm. Ukr. 37 no. 4:69-72 Ap '62.

"I could not believe my eyes...." D. Novoplianskii. Sov.pech. no.3:26-27 Mr '62.

In the years of great trials A.L. Mishuris. Vest. Mosk. un Ser. 7: Filol., zhur 17 no. 3 39-57 My-Je '62.

Initiative and skill. R. A. Ivanova. Vest. Mosk un. Ser. 7. Filol., zhur. 17 no. 3:56-66 My-Je '62.

["Kolokol," published by A.I.Herizen and N.P.Ogarev (the Free Russian Press) in 1857-1867, London-Geneva] Kolokol; gazeta A.I. Gertsena i N.P. Ogareva (Vol'naia Russkaia Tipografiia), 1857-1867 London-Zhenova. Faksimil'noe izd. Moskva, Izd-vo Akad. nauk SSSR.

No. 1, 1857-1858 London. 1962. 256 p.

No. 2, 1859 London. 1962. 490 p.

IAN NEWSPAPERS (Continued)
zachuk, I. M. [How the party press struggled for ommunist ideology in literature and art, 1946-1960] artina presa v borot'bi za komunistychnu ideinist' iteraturu i mystetstva, 1946-1960, na ukr. [L'viv] yd-vo L'vivs'kobo univ., 1961. 174 p.
e leading Soviet newspaper. D. Oleinikov. Part. izn' Kazakh. 31[i.e. 32] no.4,43-48 Ap '62.
ainist traditions of "Pravda" and the newspapers of oviet Ukraine. L. Sulatko Komm. Ukr. 37 no.4 61-3 Ap '62.
ral standard-bearer of communist ideas shkola-int 2;2-6 Mr-Ap '62.
ssenger of the immortal ideas of Marxism-Leninism A. Portiankin. Vest. Mosk. un. Ser. 7 Filol., zhur. 17 3 30-36 My-Je '62.
litant standard-bearer of the ideology of our party. omm. Vooruzh. Sil 2 no.8 3-0 Ap '62.
wspapers published by underground party organizations d guerrilla units behind enemy lines, 1941-1944, .E. Koval', S.V. Sosedov. Vop. ist. KPSS 6 no.2 63-9 '62.
the 50th anniversary of "Pravda." Vest. Mosk. un. r. 7 Filol., zhur. 17 no. 3 91 My-Je '62.
r "Pravda." N. Kruzhkov Teatr 23 no. 5:39-42 My '2
r press celebrates its anniversary. Volov. ateist 5 2-3 My '62.
ravda" and the campaign for social insurance, 1912-914. I. A. Portiankin. Vop. ist. KPSS 6 no.2 95-105 62.
ravda" and the press law, 1912-1914 [with summary in nglish]. A. F. Berezhnoi. Vest. LGU 17 no. 8 72-80 62.
ravda" during the period of large-scale building of ommunism. E. I. Khudiakov. Vest. Mosk. un. Ser. 7 ilol., zhur. 17 no. 3:18-29 My-Je '62.
ravda" in 1913; recollections of an old staff worker. eonti Kotomka. Nov. vrem. 20 no. 10;11-12 My '62.
ravda" moved to Moscow. S. Krylova. Sov. pech. o. 2:30-32 F '62.
ravda" on the screen. G. Sagal. Sov. pech. no. 4:21 p '62.
ravda's" appeals fell on fertile ground. A. Mukhtarov. Part. zhizn' Kazakh. 31[i.e. 32] no. 4 52-54 Ap '62.
opagandist and organizer. P. Samchenko. Volov. teist. no. 5 4-9 My '62.
blic education in the pages of "Pravda." V. IU. Nikolaenko. Rad. shk. 41 no. 5:3-8 My '62.
le of the newspaper "Pravda" in the organization of he Red Army. O. Korytkovskii. Voen.-ist. zhur. 4 o. 4;52-59 Ap '62.
sharp weapon of the party of Lenin; on the 50th anniversary of the newspaper "Pravda." V. P. Stepanov. Vop. ist. KPSS 6 no. 2:26-42 '62.
e Soviet Bolshevik press and Czechoslovak journalism Miloš Marko. Vest. Mosk. un. Ser. 7 Filol., zhur. 17 o. 3 69-76 My-Je '62.
oviet press in documents." Reviewed by V. Kamenyshev. Komm. Vooruzh. Sil 2 no. 8 90-93 Ap '62.
andardbearer of great Leninist ideas. O. Efremova, T. Solodkov. Komm. Bel. 36 no. 4;41-46 Ap '62.
opics, headings and contents. Sov. pech. no. 3 4-6 Mr '62.
wo days and three months. A. Aleksandrov. Sov. pech. no. 3;27-28 Mr '62.
. Lenin and "Pravda." A. Z. Okorokov. Vest. Mosk. un. Ser. 7: Filol., zhur. 17 no. 3 3-17 My-Je '62.
oice of October. M. Kotliarskii. Sov. pech. no. 2:27-29 F '62.
e learn from "Pravda" and try to equal it. A. Subbotin. Vest. Mosk. un. Ser. 7 Filol., zhur. 17 no. 3 66-67 My-Je '62.
ings of the truth. Ukraina no. 10;6 My '62.
ords which call us to great achievements. V. Riabov. Komm. Vooruzh. Sil 2 no. 8. 26-32 Ap '62.
ork of vital interest to us. A. Miliaev. Sov. pech. no. 3;9-11 Mr '62.

SSIAN NEWSPAPERS—BIBLIOGRAPHY see Bibliography—Russian newspapers

SSIAN NEWSPAPERS—INDEXES
Chronicle of newspaper articles] Let. gazet. st. no. 3 '62. Vspomogatel'nye ukazateli k nos. 10-12 za 1961 god.

SSIAN NEWSPAPERS—SECTIONS, COLUMNS, ETC. (see also subdivision under Khabarovsk; Rostov-on-Don; Sevastopol)
alent of a group organizer. Sov. pech. no. 2;3-7 F '62.

SSIAN PERIODICALS
ilin, A. L. [The periodical "Klich" in 1917] Zhurnal Klich [1917 g.]. Kazan', 1959. 12 p. (Gosudarstvennyi muzei Tatarskoi ASSR, Ekspozitsiia muzeia) (MH)
n the right path. IA. Aleksandrov, M. Semichaevskii. Agitator no. 6;52-54 Mr '62.
Tvorchestvo," the first Soviet literary journal. E. V. Shiluper. Kniga; issl. i mat. 5:244-260 '61.

RUSSIAN PERIODICALS—BIBLIOGRAPHY see Bibliography—Russian periodicals

RUSSIAN PERIODICALS—INDEXES
[Chronicle of periodical articles] Let. zhur. st. nos. 15-17 '62.

RUSSIAN PERIODICALS—SECTIONS, COLUMNS, ETC.
To be or not to be? V. Khokhlov. Sov. pech. no. 2, 18-20 F '62.

RUSSIAN PHILOLOGY
Annual meeting of the Department of Literature and Languages of the Academy of Sciences of the U.S.S.R. S. Kozlov. Izv. AN SSSR Otd. lit. i iaz. 20 no. 4 347-351 Jl-Ag '61.
General assembly of the Department of Literature and Languages of the Academy of Sciences of the U.S.S.R. S. Kozlov. Izv. AN SSSR, Otd. lit. i iaz. 21 no. 2: 165-170 Mr-Ap '62.

RUSSIAN PLAIN see East European Plain

RUSSIAN PLATFORM—GEOLOGY, STRATIGRAPHIC
New data on eruptive processes in the central regions of the Russian Platform. N.S. Il'ina, D.L. Fruhht. Dokl. AN SSSR 143 no. 5 1163-1165 Ap '62.

RUSSIAN PLATFORM—ORE DEPOSITS
Basic problems of the geologic study of mineral resources in central regions of the Russian Platform. I. N. Leonenko. Sov. geol. 5 no. 3, 40-45 Mr '62.

RUSSIAN POETRY—COLLECTIONS
[Elocutionist and reciter] Chteis deklamator. New York, Izd-vo N. N. Mart'ianova [1961?] 462 p. (CtY)

RUSSIAN POETRY—HISTORY AND CRITICISM
Akademiia nauk SSSR. Institut russkoi literatury. [Lay of the host of Igor, a literary landmark of the 12th century] Slovo o polku Igoreve - pamiatnik XII veka. Moskva, Izd-vo Akad. nauk SSSR, 1962. 431 p.
Observer or participant?, a reader's notes. Larisa Kiachko. Oktiabr' 39 no. 1;209-216 Ja '62.
Our times and poetry. A. Makedonov. Neva no. 2;166-173 '62.
"Poetry and modern times" by V. Ognev. Reviewed by A. Bocharov. Vop. lit. 5 no. 12;197-200 D '61.
"Sketches of Soviet poetry" by A. V. Makedonov, "Poetry and life" by V. Dement'ev. Reviewed by P. Vykhodtsev. Neva no. 1;190-191 '62.
"Who needs poetry and why" by N. Asseev. Reviewed by B. Sarnov. Vop. lit. 5 no. 12;193-197 D '61.
Without a miracle there is no poetry; works by young poets published in "Unost" during 1961. Dm. Khrenkov. Neva no. 3, 182-188 '62.

RUSSIAN POSTERS see Posters, Russian

RUSSIAN SATELLITES see Communist Countries

RUSSIAN SOCIAL DEMOCRATIC PARTY
(see also subdivision under Dnepropetrovsk, Perm Government)
The Bolshevik newspaper "Pravda" in 1912-1917, a review of literature on the history of the party. G. V. Pestrikov, I. S. Sazonov. Vop. ist. KPSS 6 no. 2:162-174 '62.
History of the Bolshevik antimilitarist propaganda directed by V. I. Lenin; a review of letters of V. I. Lenin from 1914 to 1917. A. P. IAkushina. Vop. ist. KPSS 6 no. 2:155-162 '62.

RUSSIAN SOCIAL DEMOCRATIC PARTY—CONGRESSES
Dates, events, and people. Komm. Bel. 36 no. 4;76-78 Ap '62.
Prague, 1912; a conference in the Institute of Marxism-Leninism attached to the Central Committee of the CPSU. N. V. Chereponin. Vop. ist. KPSS 6 no. 2;224-225 '62.

RUSSIAN STUDIES
Shameful methods of present-day anticommunism. V. A. Tumanov. Sov. gos. i pravo 32 no. 5;51-61 My '62.

RUSSIAN STUDIES—BIBLIOGRAPHY see Bibliography—Russian studies

RUSSO-TURKISH WAR, 1877-1878
The Russo-Turkish War of 1877-1878. Voen. ist. zhur. 4 no. 4;127 Ap '62.

RUSSO-TURKISH WAR, 1877-1878—BIBLIOGRAPHY see Bibliography—Russo-Turkish War, 1877-1878

RUTHENIA see Transcarpatia

RUTILE
Modifying rutile titanium dioxide for the improvement of its physical and technological properties. T. A. Ermolaeva and others. Lakokras. mat. i ikh prim. no. 1;20-25 '62.

RYAZAN—TEXTILE FIBERS, SYNTHETIC
At the Ryazan Artificial Fiber Plant. Khim. volok. no. 2: 76 '62.

RYAZAN PROVINCE—PRODUCE TRADE
Deputy for state procurements. E. Kronskii. Sov. potreb. koop. 6 no. 4; 39-41 Ap '62.

RYAZAN PROVINCE—SCHOOL SUPERVISION
Retraining the leading workers of public education. D. Tveritinov. Nar. obr. no. 4, 23-26 Ap '62.

RYAZAN PROVINCE—TEACHERS, TRAINING OF
Retraining the leading workers of public education. D. Tveritinov. Nar. obr. no. 4 23-26 Ap '62.

RYBINSK—CABLES
A worker has carried out his seven-year plan. V. Bocharnikov. Agitator no. 10, 57 My '62.

RYCKHALS, FRANCOIS, d 1647
Francois Ryckhals's paintings [with summary in French] E. IU. Fekhner. Trudy Gos. Erm. 6 no. 2 231-240 '61.

RYE SMUT see Ergot

RYKACHEV, MIKHAIL ALEKSANDROVICH, 1840-1919
Significance of M. A. Rykachev's works in the development of land hydrology. I. A. Fedoseev. Vop. ist. est. i tekh. no. 12 197-200 '62.

RYLENKOV, NIKOLAI IVANOVICH
"Roots and leaves" by Nikolai Rylenkov. Reviewed by K. Pozdniaev. Oktiabr' 38 no. 3, 205-206 Mr '62.

SADON—MINE VENTILATION
Investigating the microclimate of mines and thermal conditions of the Sadon Mine. G. V. Duganov. Izv. vys. ucheb. zav.; tsvet. met. 3 no. 2;14-20 '60.

SADOVNIKOV, VASILII SEMENOVICH, 1800-1879
Some facts on the biography of artist V. S. Sadovnikov. I. Kotel'nikova. Soob. Gos. Erm. no. 21;12-14 '61.

SAFETY APPLIANCES
Technical information. V. Poliakov and others. Okhr. truda i sots. strakh. 5 no. 3;30-33 Mr '62.

SAFETY EDUCATION, INDUSTRIAL
(see also subdivision under Kharkov)
Important element of industrial hygiene. S. IA. Veinshtein. Vest. vys. shkoly 20 no. 4;14-17 Ap '62.
Specialists should have a thorough knowledge in the field of industrial hygiene and industrial safety. Vest. vys. shkoly 20 no. 4;13-14 Ap '62.
Together with production personnel. D. L. Kel'bert. Vest. vys. shkoly 20 no. 1;18-21 Ap '62.

SAFETY GOGGLES
Protective glasses with reflective light filters. B. F. Voronov. Gig. truda i prof. zab. no. 4 48 '62.

SAHARA—MINES AND MINERAL RESOURCES
Rare elements in the sands of the Sahara. B. I. Kogan, S. E. Kolotukhina. Priroda 51 no. 4;70 Ap '62.

SAILING
Time recording in competitive sailing as a method of pedagogical supervision. M. S. Kozkntsova. Teor. i prak. fiz. kul't. 25 no. 4 69-72 Ap '62.

SAILORS (NAVY)
Hundred percent right. N. Orlov. Sov. pech. no. 2 21 F '62.
In father's footsteps. N. Zuev. Starsh.-serzh. no. 2, 6 F '62.
"This is the way we do it." K. Komissar. Sov. voin. 44 no. 1;24 Ja '62.

SAILS
Cutting and sewing the main sails. D. Korovel'skii. Teor. i prak. fiz. kul't. 25 no. 2;65-69 F '62.

SAINFOIN
Anatomy of the vegetative organs of the sainfoin Onobrychis pulchella Schrenk. U. Ubaidullaev. Uzb. biol. zhur. 6 no. 2, 5-10 '62.

ST. ELMO'S FIRE
St. Elmo's fire on poppies. M. I. Legantsev, A. D. Zamorskii. Priroda 51 no. 4;89 Ap '62.

ST. THOMAS CHRISTIANS
The Malabar Church. V. Kotliarov. Zhur. Mosk. Patr. no. 2, 70-78 F '62.
Visiting our Christian brothers in India. V. Kotliarov. Zhur. Mosk. Patr. no. 2;23-31 F '62.

ST. VITUS'S DANCE see Chorea

SAKHALIN—APPLE BREEDING
Effect of pollinizer variety on the setting and size of apples in Sakhalin Province. T. G. Voronova. Agrobiologiia no. 2;234-237 Mr-Ap '62.

SAKHALIN—FIRE DEPARTMENTS
Courageous people of Sakhalin. Pozh. delo 8 no. 3;22 Mr '62.

SAKHALIN—HEALTH RESORTS, WATERING PLACES, ETC.
Prosperity of a wonderful country. L. Istomin. Okhr. truda i sots. strakh. 5 no. 3;20-21 Mr '62.

SAKHALIN PROVINCE see Sakhalin

SALAD DRESSINGS
Expand the manufacture of mayonaise by all means. P. K. Gerasimov. Masl.-zhir. prom. 28 no. 3;46 Mr '62.

SALAVAT—PETROLEUM INDUSTRY
Two hundred out of 10 million N. Vasil'ev Smena 39 no. 8:4-8 Ap '62.

SALES TAX
Turnover tax as a form of centralized net income of the socialist state. A. I. Anchishkin. Och. po sovr. sov. i zarub. ekon. no. 2:3-30 '61.

SALES TAX—ACCOUNTING
Analyzing the fulfillment of a plan for turnover tax and profit. I. Perel'berg Bukhg. uchet 18 no. 3:8-15 Mr '62.

SALICYLIC ACID
Stability of complexes of trivalent metal ions with substitution derivatives of salicylic acid. V. I. Kuznetsov, N. N. Basargin. Zhur. neorg khim. 7 no 4,814-821 Ap '62.
Trivalent vanadium salicylate I. B Levashova, V. I. Zolotavin. Zhur neorg. khim 7 no 4:811-813 Ap '62

SALIVA
Method for the graphic registration of salivary excretion in swine. A. I. Arkhipovets. Fiziol. zhur. 48 no. 3: 365-367 Mr '62.

SALIVARY GLANDS—PERMEABILITY
Age variations in the permeability of the parotid salivary gland to various indicators R. P. Podorozhnaia, IU. A. Petrovich. Dokl. AN SSSR 143 no. 6:1462-1465 Ap '62

SALMON
Reproduction ecology of Oncorhynchus masu (Brevoort). A. I. Smirnov. Dokl. AN SSSR 143 no. 6:1449-1452 Ap '62.

SALMONELLA
(see also subdivision under Dushanbe)
Effect of nutritional protein deficiency on the general distribution of Gärtner's paratyphoid microbes after their intracutaneous introduction in an experiment [with summary in English]. A. P. Moroz. Pat. fiziol i eksp. terap. 5 no. 6:33-35 N-D '61.
Inhibiting action of S. typhimurium desoxyribonucleic acid on S gallinarum protoplasts [with summary in English] D. G Kudlai Zhur. mikrobiol., epid. i immun. 33 no. 3:62-64 Mr '62.
Possibility of detecting typhoid-paratyphoid bacteria in the blood using luminescent sera [with summary in English]. L. V. Mikoliubova. Zhur. mikrobiol., epid. i immun. 33 no. 3:14-17 Mr '62.
Results of studying the effect of some antibiotics on salmonellosis in animals I. I Kotenko. Visnyk sil'hosp nauky 5 no 3 82-84 Mr '62.

SALMONELLA GALLINARUM
Experimental infection of chicks and turkeys with the fowl typhoid pathogen. V. I. Zluban. Veterinariia 37 no. 10:44 O '60

SALMONELLA TYPHIMURIUM
Case of food salmonellosis. N. F. D'iakonova. Gig. i san. 27 no. 3:68-69 Mr '62.
Effect of preliminary irradiation on the resistance of immunized rabbits to infection with Salmonella typhimurium. B. M. Kurtser. Zdravookhranenie 5 no. 1:46-49 Ja-F '62
Mutagenic action of antibiotics. Report No. 2: Properties of auxotrophic mutants obtained from a prototrophic lysogenic culture of Salmonella typhimurium under the action of various antibiotics [with summary in English]. D. G. Kudlai, Chzhou Guan'-iuan' [Chou Kuan-yüan], S. V Prozorovskii. Antibiotiki 7 no. 5:460-464 My '62.

SALT
Utilization of sodium chloride in soda plants as a measure for reducing the pollution of the northern Donets. A. F. Borinchek. Gig. i san 26 no. 5:64-66 My '61.

subdivision under Kulunda Steppe;

'G see subdivision under

hunters and fishermen. Ukraina

e metal nitrates of the second
table in the extraction of uranyl
her. V. M. Vdovenko, T. V. Ko-
. Radiokhimiia 4 no. 1:34-39 '62.

Kiev, Institut zahal'noi ta ne-
Polarography of fused salts]
vlennykh solei, Kiev, Izd-vo
2. 72 p.
otherms in eutonic-type systems.
ur. neorg. khim. 7 no. 4:896-899

races from solutions of nickel,
i by a partial precipitation of ma-
, Lotareva, V. T. Chuiko. Trudy
)8.

Conversions of CeO_2, Nd_2O_3, Sm_2O_3 and their interaction with fused lithium and potassium chlorides and with sodium carbonate and sodium sulfate N. K. Voskresenskaia, ⸗ I Berul' Zhur neorg. khim 7 no 4,850-855 Ap '62
Coprecipitation of traces of indium with basic copper salts from a copper nitrate solution and with zinc sulfide from a zinc sulfate solution V. T. Chuiko, N P. D'iachenko. Zhur neorg khim 7 no 4 910-914 Ap '62
Crystallization rate and purity of crystals obtained L. N. Matusevich Zhur prikl khim 35 no. 4 735-730 Ap '62.
Problems and tasks of Soviet inorganic chemistry in connection with the decisions of the 22d Congress of the CPSU. Objectives of the study of fused salts in the light of the decisions of the 22d Congress of the CPSU. N. K. Voskresenskaia Zhur neorg. khim 7 no 4:709-711 Ap '62
Rapid method for determining the water soluble salt content of pigments. M. A. Shtern, L. P Zavarina. Lakokras. mat. i ikh prim. no 1 61-62 '62.

SALTYKOV, MIKHAIL EVGRAFOVICH, 1826-1889
Authentic and imaginary. IA. El'sberg. Vop. lit 5 no 12:89-109 D '61
Skill of Shchedrin the playwright. L. Livshits. Vop. lit. 6 no. 4:90-106 Ap '62.

SAMARKAND—EDUCATION, COOPERATIVE
Technical training practice of Samarkand schools Kh. Murtazaev Nar khoz Uzb 4 no 3 88-91 Mr '62.

SAMARKAND—TEXTILE WORKERS—DISEASES AND HYGIENE
Purulent diseases in workers of the weaving shops of the Samarkand "Khudzhum" factory and measures to reduce morbidity S. K. Poliakov. Gig. truda i prof zab. 4 no. 6 45-47 Je '60

SAMARKAND DISTRICT—HEDGEHOGS—DISEASES AND PESTS
Nuttalliosis of hedgehogs in Samarkand region of Uzbekistan [with summary in English] P. N Li, M. P. Chernikova. Zool. zhur. 41 no. 1:132-133 Ja '62.

SAMARKAND PROVINCE—ECONOMIC POLICY
Weighty contribution to the horn of plenty Nar. khoz. Uzb. 4 no. 3 52-53 Mr '62.

SAMOYEDS
Reindeer sledges and harness used by the Nentsi. L. V. Khomich. Shor. muz. ant. i etn. 20:40-53 '61

SANATORIUMS see subdivision under Latvia

SAND
(see also subdivision under Kara Kum; Zeya-Bureya Plain)
Forms of sand reliefs in the lower part of the Ili Basin. A V Popov Uch zap Kazakh un 37 no 4:169-175 '58
Hydraulics of the motion of sand its use in petroleum engineering A. F. Kasimov. Izv AN Azerb SSR. Ser. fiz.-mat. i tekh nauk no. 6:119-135 '61.

SAND, FOUNDRY
Using quick-drying mixtures for molds. A. N. Monakhov. Av. prom. 26 no. 8:75 '57.

SANDSTONE see subdivision under Kola Peninsula

SANDWICH CONSTRUCTION
Survey of works on the design of sandwich plates and shells L M Kurshin Rasch. prostr. konstr. no. 7, 163-192 '62
Thermoelasticity and stability of a circular cylindrical sandwich shell. S N Kan. Rasch. prostr. konstr. no. 7 73-100 '62

SANGILEN RIDGE—ROCKS, IGNEOUS
Pre-Cambrian intrusions in the Sangilen Highland (eastern Tuva) [with summary in English]. IA D Shenkman. Geol. i geofiz. no 1 55-63 '62.

SAPROPELS
Sapropel in agriculture. P. F. Soldatenkov. Priroda 51 no. 4:76-77 Ap '62.

SARANSK—COURTS
How we have organized the work of the city people's court. M. Vorob'ev. Sov. iust no. 5:16-17 Mr '62.

SARATOV PROVINCE—AGRICULTURE—EXPERIMENTATION
In the Ministry of Education of the R. S. F. S. R. Nar. obr. no. 4 125 Ap '62.

SARATOV PROVINCE—GAS, NATURAL—GEOLOGY
Regionalization of the trans-Volga portion of Saratov Province in connection with prospecting for oil and gas fields. E. I. Denisenkova. Geol. nefti i gaza 6 no. 3:18-23 Mr '62.

SARATOV PROVINCE—PETROLEUM GEOLOGY
Regionalization of the trans-Volga portion of Saratov Province in connection with prospecting for oil and gas fields. E. I. Denisenkova. Geol. nefti i gaza 6 no. 3 18-23 Mr '62.

SARCOLYSINE
Certain amides of sarcolysine L. F. Lipatova, I IA Postovskii Zhur. ob khim 32 no 4 1062-1064 Ap '62
Effect on sarcolysine-sensitive tumors of nucleoproteins isolated from sarcolysine-resistant tumors. D. IA Podgaetskaia, V M Bresler, IU M Olenov TSitologua 4 no. 1:59-61 Ja-F '62.

SARGO see subdivision under Black Sea

SAR'IAN, MARTIROS SERGEEVICH, 1880-
Sar'ian. A Kamenskii. Novyi mir 38 no. 1,182-208 Ja '62.

SARYCHEVA RANGE—ROCKS, IGNEOUS
Correlation between subvolcanic formations and magnetic rocks of different facies as revealed by the studies of the Sarycheva Range. K. N. Rudich Trudy Lab vulk no. 21:57-64 '62.

SATELLITES, ARTIFICIAL see Artificial satellites

SATIRE
(see also subdivision under White Russia)
"He who does not work does not eat." Reviewed by B. Gol'dberg. Sov. pech. no. 2:49 F '62.

SAUDI ARABIA—ECONOMIC CONDITIONS
"Economy and socio-political structure of northern Arabia in the period from the 19th century to the first third of the 20th century" by A I Pershits. Reviewed by B Dantsig. Sov etn. no 2:160-163 Mr-Ap '62

SAUDI ARABIA—POLITICS AND GOVERNMENT
"Economy and socio-political structure of northern Arabia in the period from the 19th century to the first third of the 20th century" by A I Pershits. Reviewed by B. Dantsig. Sov. etn. no. 2, 160-163 Mr-Ap '62.

SAUREL
Studying the heat resistance of isolated muscles of "large" and "small" Trachurus trachurus from the Black Sea. IU. P. Altukhov. TSitologiia 4 no 1, 72-73 Ja-F '62.

SAUSAGES
Davydov, S. U., A. K. Kopylova, and A. F. Safonov. [Technology, sanitation and hygiene of sausage production] Tekhnologiia, sanitariia i gigiena kolbasnogo proizvodstva. Moskva, Izd-vo TSentrosoiuza, 1962 151 p

SAVCHENKO, IVAN GRIGOR'EVICH, 1862-1932
I. G. Savchenko as a scientist, physician, and patriot, on the 100th anniversary of his birth B. A. Godovennyi Fel'd. i akush. 27 no. 3:28-31 Mr '62.

SAVINGS BANKS see subdivision under Vietnam, North

SAW FILING
Machine for filing and peening of circular saws S M Khasdan. Der. prom. 11 no. 4 24-25 Ap '62

SAWMILLS
Dokukin, A. G. [Manual for the sawmill foreman] Rukovodstvo masteru lesozavoda. Moskva, Goslesbumizdat, 1961. 148 p.
Kozhevnikov, V. G., and S. G. Milov. [Mechanization of log loading and sorting in lumber mills] Mekhanizatsiia vygruzki i sortirovki breven na lesozavodakh. Moskva, Goslesbumizdat, 1961. 101 p.
Stability of technological operations in continuous sawmilling. I. V. Anikin. Izv. vys. ucheb. zav., Lesn. zhur. 4 no. 6, 96-99 '61.
Zakandin, V. I. [Technical and economic analysis of the cost of sawmill products] Tekhniko-ekonomicheskii analiz sebestoimosti pilopoduktsii. Moskva, Goslesbumizdat, 1961. 113 p.

SAWMILLS—STANDARDS
Single-deck vertical saw frames for sawing logs and beams. Standartizatsiia 26 no. 4, 50 Ap '62.
Two-deck vertical saw frame for sawing logs and beams. Standartizatsiia 26 no. 4:50-51 Ap '62.

SAYAN MOUNTAINS—GEOLOGY, STRATIGRAPHIC
Plan for dividing Lower Cambrian sediments in the Sayan-Altai folded region [with summary in English] I. T. Zhuravleva, L. N. Repina, V. V. Khomentovskii Geol. i geofiz. no. 1, 21-41 '62.

SAYAN MOUNTAINS—GEOLOGY, STRUCTURAL
Basic characteristics of the tectonics of the central and eastern parts of the Altai-Sayan region. A. L. Yudin. Trudy VSEGEI 66:21-32 '61.

SAYAN MOUNTAINS—GRANITE
Correlation of Lower Paleozoic granitoids of eastern Tuva and the eastern part of the Eastern Sayans [with summary in English]. F. P. Mitrofanov. Vest LGU 17 no. 6:47-56 '62

SAYAN MOUNTAINS—IRON ORES
Regularities in the distribution of magmagenic iron-ore deposits of the Altai-Sayan folded area. G. L. Pospelov Zakonom razm. polezn iskop. 2:244-268 '59

NIOBIUM
...m and niobium in rare earth granite ...yan Mountains. IU. S. Stepnev, G. B. ...ifa no. 3:280-284 '62.

...TANTALUM
...m and niobium in rare earth granite ...yan Mountains. IU. S. Stepnev, G. B. ...ifa no. 3:280-284 '62

... and treatment of Notoedres infec- Musina, K. M. Eliseev. Trudy AZVI

...ubdivision under Ossetia

...ASITES see Parasites—Scale

...ERCE
... in Northern Europe. K. Obolenskii. 9:19-22 My '62.

...h minerals. L. F. Borisenko. ...okhim. i kristalokhim. ied. elem

ANTIMONY ALLOYS see Bismuth-alloys

... see subdivision under Caucasus,

...ar thoracic amputations for malig- ...l'shanetskii Vest. khir no. 1:

...subdivision under Turkmenistan

...S)
...pions and nucleons at high energies ...nglish]. D. I. Blokhintsev Zhur no 3 880-881 Mr '62
...lastic neutrino and antineutrino ...ons, taking higher approximations ...e rasseinnie neitrino i antineitrino ...om vysshikh priblizhenii. Dubna, ...dernykh issl., 1962, 9 p. [With ...]

...vision under Altai Mountains

...chemical properties of synthesized ...ompounds of the divalent cation ...the nature of the central atom and ...tives. Part 1. Synthesis of Schiff ...tylacetone, o-aminobenzaldehyde, ...aldehyde, and dibenzoylmethane A. S. Kudriavtsev, I. A. Savich. ...Khim. 17 no. 2:57-60 Mr-Ap '62

...TRA
...a of azomethine compounds. R. N. ...others. Dokl. AN SSSR 143 no. 5:

..., ANTARCTICA—SEALS (ANI-

...ified seal in the Schirmacher oasis. ...biul. Sov. antark. eksp. no. 31:54-55

...afasia [with summary in English]. ...olgarskii. Urologiia no 2:47-51

...ion under Nura-Tau

...on reactions in the defective stage of ...summary in French]. E. I. Lebedin- ...arg, O. E. Freierov. Zhur. nevr. i ...38 '62.
...blood and urine of psychiatric pa- ...y in French]. R. A. Aleksaniants, ...hur. nevr. i psikh. 62 no. 1:108-113

...ochondriac schizophrenia] Ipokhon- ...driia. Pod red. A. V. Snezhnevskogo. ...no-issl. in-t psikhiatrii MZ RSFSR,

...he blood of psychiatric patients and ...ocess of treatment [with summary ...ndo. IU. L. Zakharin, I. B. Krupe- ...psikh. 62 no. 1:99-107 '62.
...s in schizophrenia [with summary in ...dinskii and others. Zhur. nevr. i ...89 '62.

...ivision under Balkhash, Lake

CRUCI
...chan. Zdorov'e 8 no. 6:21 Ap '62.

...V. N. Aleksandrov. Vop. ist. KPSS ...2.

SCHOOL ACCIDENTS
First aid in school accidents. L. I. Aleksandrova. Med. sestra 21 no 4:36-41 Ap '62

SCHOOL AND COMMUNITY see Community and school

SCHOOL EXCURSIONS
How we prepare for summer... V. Podkolzin. Shkola-int. no 2,41-44 Mr-Ap '62.
School work on tourism and local geography. T. E. Tymashenko. Rad. shk. 41 no 5:63-65 My '62
Student work on local history. Prep. ist. v shkole 17 no 3,93-95 My-Je '62

SCHOOL HYGIENE
Air in class. L. IA. Kel'shtein. Zdorov'e 8 no. 3:10-11 Mr '62.
Growth tables for students and their practical use. E. I. Korenevskaia, D. S. Leshchinskii. Gig. i san. 26 no 6 105-109 My '61.
Regular work and recreation schedule for school children. E. IA. IUfa. Med. sestra 21 no 4:49-51 Ap '62

SCHOOL LIBRARIES
Setin, F. I. [Work of the school library] Rabota shkol'noi biblioteki. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 110 p.

SCHOOL MANAGEMENT AND ORGANIZATION
Planning and recording. F. Popov. Prof.-tekh. obr. 19 no. 4:26 Ap '62.
Prospective school plan. E. Feigin. Prof.-tekh. obr. 19 no. 3:13-14 Mr '62.

SCHOOL MUSIC
Method of teaching singing and music. S. M. Masnyi. Rad. shk. 40 no 4:68-69 Ap '62.

SCHOOL NURSES
Work of a nurse in a school. S. P. Kozhin. Med. sestra 21 no. 4:42-45 Ap '62.

SCHOOL SUPERINTENDENTS AND PRINCIPALS see subdivision under Ul'yanovsk Province

SCHOOL SUPERVISION
(see also subdivision under Kamensk-Uralskiy; Ryazan Province)
Group seminars. N. Potapov. Prof.-tekh. obr. 19 no 4 25-26 Ap '62
Let's disseminate the best practice. E. Kaiukova. Nar. obr. no. 4:17-19 Ap '62
"Pressure on teachers" or active interference with the educational process? T. Panfilova. Nar. obr. no. 4 32-34 Ap '62.

SCHOOLCHILDREN
Dikhtiarev, V. IA. [For parents on children's tourism] Roditeliam o detskom turizme. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1961. 54 p. (Knigi dlia roditelei)
Use of some physiological methods of research for the hygienic evaluation of the agricultural work of school children [with summary in English]. I. D. Dubinskaia, V. K. Kuz'mina. Gig. i san. 27 no. 3,28-34 Mr '62.

SCHOOLCHILDREN—FOOD
(see also subdivision under Orekhovo-Zuyevo)
A new and important task. D. Shakin. Obshchestv. pit. no 1,22-23 Ja '62.

SCHOOLHOUSES
(see also subdivision under Odessa Province)
Principles for designing boarding schools. V. Stepanov. Shkola-int. no. 2:79-83 Mr-Ap '62.

SCHOOLHOUSES—HEATING AND VENTILATION
Air in class. L. IA. Kel'shtein. Zdorov'e 8 no. 3:10-11 Mr '62.
Devices which help to preserve cheerfulness. Zdorov'e 8 no. 3:11 Mr '62.

SCHOOLS—FIRES AND FIRE PREVENTION see subdivision under Moscow Province

SCHOOLS—FURNITURE, EQUIPMENT, ETC.
Device for darkening windows. IU. M. Martynenko. Rad. shk. 41 no. 5:88 My '62.
How to facilitate the compilation of schedules. M. N. Shust. Rad. shk. 41 no. 5-89 My '62.

SCHWARZKOPF, ELISABETH, 1915-
Three portraits. M. Rubin. Sov. muz. 26 no. 4:90-93 Ap '62.

SCIATIC NERVE
Changes in the lymph flow and some biochemical lymph components following the stimulation of the sciatic nerve and sinocarotid zone. Report No 2. R. S. Vasil'chenko and others. Izv. AN Kazakh. SSR, Ser. med. i fiziol. no. 1:3-10 '61.

SCIATIC NERVE—BLOOD SUPPLY
Case of false infraneural aneurysm of the arteria comitans nervi ischiadici. A. M. Artem'ev. Nov. khir. arkh. no. 3:75-76 '62.

SCIENCE
(see also subdivision under Asia)
"From the history of natural sciences and engineering." Reviewed by A. T. Grigor'ian, U. I. Frankfurt. Vop. ist. est. i tekh. no. 12:225-226 '62.

Moot questions of the history of natural science in West European literature. Vop. ist. est. i tekh. no. 12. 250-251 '62.
News from five continents. IUn. tekh. 6 no 3:10-11 Mr '62
"Paths of science" by G. Blok. Reviewed by A. Mirlis. Znan. sila 37 no. 3:40 Mr '62.

SCIENCE—BIBLIOGRAPHY see Bibliography—Science

SCIENCE—CONGRESSES
"Congress of the German natural scientists in 1856", unpublished work by D. I. Mendeleev. Vop. ist. est. i tekh. no. 12 173-176 '62.
International symposium on the history of science in Oxford. A. T. Grigorian, A. P. IUshkevich. Vop. ist. est. i tekh. no. 12:242-243 '62.

SCIENCE—JUVENILE LITERATURE
"In the world of seven elements" by M. V. Vasil'ev, K. P. Staniukovich. Reviewed by L. Druzhkin. Znan. sila 37 no 4:45 Ap '62

SCIENCE—MISCELLANEA
Hypotheses, suggestions, projects. Znan. sila 37 no. 4 34-35 Ap '62.

SCIENCE—PHILOSOPHY
Bazhenov, L. B. [Materialism as a banner of science] Materializm - znamia nauki. Moskva, Izd-vo "Znanie," 1962. 31 p. (Novoe v zhizni, nauke, tekhnike. Seriia 2. Filosofiia, no. 4)
[MICROFILM]
Bazhenov, L. B. [Materialism as a banner of science] Materializm - znamia nauki. Moskva, Izd-vo "Znanie," 1961. 37 p. (Narodnyi universitet kul'tury. Obshchestvenno-politicheskii fakul'tet, no. 20)
Marx, Karl, and Friedrich Engels. [Collected works] Sochineniia. Izd. 2. Moskva, Gos. izd-vo polit. lit-ry.
Vol. 20. 1961. xxii, 827 p.
Vol. 24. 1961. vi, 648 p.
Vol. 25. Pt. 1. vi, 545 p.

SCIENCE—SOCIETIES, ETC.
Science conferences. I. G. Popov. Vop. ist. est. i tekh. no. 12 247-249 '62

SCIENCE, ANCIENT
"The exact sciences in antiquity" [in English] by O. Neubegauer. Reviewed by A. P. IUshkevich. Vop. ist. est. i tekh. no. 12 207-210 '62

SCIENCE AND CIVILIZATION
"Comrade time and comrade art" by V. Turbin. Reviewed by L. Pazhitnov, B. Skragin. Isk. kino no 4:112-119 Ap '62.

SCIENCE AND COMMUNISM see Communism and science

SCIENCE CLUBS
Technical creativeness of students. N. Kuryiev. Nar. obr. no. 4:62-65 Ap '62.
What a technical club offers students. A. Sokolov. Nar. obr. no. 4:58-61 Ap '61.

SCIENCE FICTION
Facts and figures that you should know. B. V. Liapunov. Znan. sila 37 no. 4:46 Ap '62.

SCIENCE FICTION—COLLECTIONS
Varshavskii, A., comp. [Golden lotus; a collection of science fiction] Zolotoi lotos; sbornik fantasticheskikh povestei i rasskazov. [Moskva] Molodaia gvardiia, 1961. 237 p.
(MH)

SCIENCE NEWS
At various latitudes. Znan. ta pratsia no 4:24 Ap '62.
Hypotheses, suggestions, projects. Znan. sila 37 no. 3: 15-16 Mr '62.
Kaleidoscope of inventions and discoveries. Znan. sila 37 no. 3:16 Mr '62.
A little about many things. Znan. sila 37 no. 3,40 Mr '62.
News, events, and facts. Priroda 51 no. 4 108-112, 114-116 Ap '62.

SCIENTIFIC APPARATUS AND INSTRUMENTS see subdivision under France

SCIENTIFIC RECREATIONS
In your leisure hours. IUn. nat. no 3:35 Mr '62.

SCIENTIFIC SOCIETIES
(see also subdivision under Bulgaria; Czechoslovakia)
"Berlin and St. Petersburg Academies of Sciences in the correspondence of Leonhard Euler." Part 2 [in German]. Reviewed by V. P. Zubov. Vop. ist. est. i tekh. no. 12:207 '62.
In the academic council of the Institute of the History of Natural Sciences and Technology. Vop. ist. est. i tekh. no. 12:244-245 '62.
In the Soviet National Association of Historians of Natural Science and Technology. V. A. Krotikov. Vop. ist. est. i tekh. no. 12:245-246 '62.

SCIENTISTS see subdivision under United States

SCINTILLATION (PHYSICS)
Synthesis of 2, 5-diarylfurans and their scintillation properties S A Vardanian, A G Vardanian, S P Khrlakian Zhur ob khim 32 no 4 1195-1196 Ap '62

SCINTILLATION COUNTERS
Koordinatsionnoe soveshchanie po stsintillfiatoram, 2., 1957 [Scintillators and scintillation materials] Stsintillfiatory i stsintillfiatsionnye materialy, materialy. Moskva, Gos. komitet Sovcta Ministrov SSSR po khimii, 1960, 319 p.

SCINTILLATION SPECTROMETRY
Use of a type FEU-12 photoelectric multiplier in a scintillation spectrometer and for the purposes of gamma-radioscopy. O D Kovrigin, G D Latyshev. Trudy Inst fad fiz AN Kazakh SSR 5 102-106 '62.

SCLERA—SURGERY
Operations of buckling and riffling the sclera in retinal detachment (with summary in English) V E Shevalev Oft zhur no 2 67-75 '62
Surgical method of buckling in retinal detachment in cases of centrally located extensive ruptures of the retina [with summary in English] L A Linnik Oft znur no 2 106-110 '62

SCLERODERMA
Lesions of the gastrointestinal tract in systemic scleroderma [with summary in English], N G Guseva, P. A. Spasskaia Vest. rent i rad. 37 no. 2:11-16 Mr-Ap '62

SCLEROSIS, MULTIPLE see Multiple sclerosis

SCOTCH PINE
Characteristics of oleoresins in Scotch pine M. V. Livadin Nauch. zap. VLTI 21 163-165 '60.

SCOWS
Self-propelled dredger scow. V. Kharitonov. Rech. transp. 21 no 3 47-48 Mr '62.

SCRAP METALS
Trailer for compressing scrap metals. E. T. Lavrinenko. Mashinostroenie no. 2:124 Mr-Ap '62.

SCREENING, MEDICAL see Medical screening

SCREENS (MINING)
Optimalizing control of resonance screens S A Volotkovskii and others Izv vys ucheb. zav., gor zhur no 3 129-132 '61.

SCREW CUTTING
High speed screw cutting with rotating cutting tools. E. S. Vikaman. Mashinostroenie no. 2:32-35 Mr-Ap '62.
Shaping internal screw threads by embossing. A. I. Romanov. Mashinostroenie no. 2:127 Mr-Ap '62.

SCREW THREADS
Tight "steel-in-steel" threaded joints for hole systems. B. I. Pikalov, N. IA. Gurevich. Standartizatsiia 26 no. 4 9-13 Ap '62.

SCREWDRIVERS
Electromechanical screwdriver. Av. prom. 26 no. 8 86 '57.
Screwdriver with flexible shaft for M5-M8 screws and nuts [U. B. Zagoskin, V. L. Sherman. Stroi dor. mash 7 no 3,31-32 Mr '62
Screwing-in of threaded pins. B. V. Grigor'ev. Av. prom. 26 no. 8:84-85 '57.

SCRUBBER (CHEMICAL TECHNOLOGY)—TESTING
Testing rapid scrubbers for gas purification from chlorine. G M. Gnodman, D. S Glikin, I L. Petsakhov. TSvet. met. 35 no. 3:42-48 Mr '62.

SCULPTURE—EXHIBITIONS see subdivision under Leningrad

SCULPTURE, RUMANIAN—EXHIBITIONS see subdivision under Leningrad

SCYTHIAN ANTIQUITIES see subdivision under Suia Valley; Voroklа Valley

SEA BASS—PARASITES see Parasites—Sea bass

SEA ICE
(see also subdivision under Arctic regions)
Use of various rules for ship pilotage in ice. I. Stasin. Mor flot 22 no 4:14-15 Ap '62.

SEA WATER
Treasures of the blue continent. I. Shishkin Sem'ia i shkola 17 no. 4:38-41 Ap '62.

SEA WATER—PHYSIOLOGICAL EFFECT
Possibility of human survival in the sea without a supply of food and water N. I. Matuzov. Gig. i san 26 no 5 76-81 My '61.

SEALING (TECHNOLOGY)—TESTING
Indicator method for determining airtighiness. V. M. Ovechkin. Av. prom. 26 no. 8:92 Ag '57.

SEALS (ANIMALS) see subdivision under Schirmacher Ponds, Antarctica

SECONDARY ELECTRON EMISSION
Secondary electron emission and elastic reflection of secondary electron emission by the different faces in tungsten monocrystals. A. R. Shul'man, D. A. Ganichev. Fiz. tver tela 4 no 3,745-754 '62

SECTS see subdivision under Dnepropetrovsk Province, Kustanay Province, Pyatikhatka District

SEDIMENTS (GEOLOGY) see subdivision under Ural Mountains

SEED PRODUCTION
Principles of forest seed growing E. P Prokazin. Les. khoz. 15 no 4,36-40 Ap '62.
Production of high-quality vegetable and vine crop seeds in Tajikistan Z I Sachkova. Trudy Inst sad AN Tadzh SSR 2 163-166 '60

SEEDS
Dynamics of the chlorophyll content of needles and the oil content of seeds in the Scotch pine of various geographical origin. L. F. Pravdin, K G. Shcherbina. Trudy Inst. lesa 1 drev. 50,90-98 '61
Using fermented seeds in growing carrots and onions and the biological properties of dried fermented seeds P P Chuvaev, N. A Bedukha Trudy Inst. sad. AN Tadzh. SSR 2 167-186 '60.

SEEDS—DISINFECTION
New preparations for the disinfection of seeds. A M. Nikiforov Zemledelie 24 no. 4 46-47 Ap '62

SEEPAGE
Studying seepage problems of one of the projected hydroelectric power stations. B. P Surovtsev. Trudy TIIMSKH no 1 141-150 '55.

SEIGNETTOELECTRIC SUBSTANCES see Ferroelectric substances

SEISMIC PROSPECTING
(see also subdivision under Tara region, Omsk Province)
Device for automatically regulating the speed of the paper-moving mechanism of the OS-60 oscillograph. E. N. Rozenberg. Geofiz. razved. no. 6:87-89 '61.
Seismic prospecting data on Mesozoic and Cenozoic tectonic movements in the middle Irtysh Valley. F. V Ekhanin, E. I. Ben'ko Trudy SNIIGGIMS no. 1:152-160 '59.

SEISMIC PROSPECTING—EQUIPMENT AND SUPPLIES
Efficient system for selecting identical seismic receiving units. A. F. Kravtsov, S. S. Kaplan. Geofiz. razved. no. 6:89-92 '61.
Use of single-channel seismic apparatus in engineering geological studies. Sh A. Azimi, A. A Ogil'vi. Razved. i okh nedr 28 no. 4:34-40 Ap '62.

SEISMIC WAVES
Characteristics of Mesozoic and Cenozoic sediments in the middle Ob' Valley based on the propagation velocity of elastic waves. N. I. Pavlenkova Sov. geol 5 no 3: 148-152 Mr '62.
Method for calculating front waves connected with a curvilinear interface. IU Voronin, E. V. Nikol'skii, A. V. Trigubov Geol. i geofiz. no. 1,135-143 '62.
Recording of composite relected waves. L I Ratnikova. Izv. AN SSSR. Ser. geofiz no. 4 456-471 Ap '62.
Reflection of seismic waves at the earth's shell-core boundary. V. N Zharkov, V. A. Kalinin. Izv. AN SSSR. Ser. geofiz. no. 4:449-455 Ap '62

SEISMOLOGY see subdivision under Caucasus

SEISMOLOGY—GRAPHIC METHODS
Graphic analysis and synthesis of seismic oscillations (with summary in English) E. M Averko Geol. i geofiz. no. 1:88-99 '62.

SEISMOLOGY—OBSERVATIONS
Electronic seismograph with capacitance pickup. A. N. Vetchinkin Izv. AN SSSR. Ser. geofiz. no 4:485-490 Ap '62.

SEISMOMETRY
(see also subdivision under Kopet-Dag)
Akademiia nauk SSSR, Sovet po seismologii. [Apparatus and observation methods at seismic stations of the U. S. S. R.] Apparatura i metodika nabliudenii na seismicheskikh stantsiiakh SSSR. [By] V. T. Arkhangel'skii i dr. Moskva, Izd-vo Akad. nauk SSSR, 1962, 166 p.
Computation of some problems of the dynamics of the seismic resistance theory. V. K. Kabulov. Izv. AN Uz. SSR, Ser. fiz.-mat. nauk 6 no. 1:11-24 '62.
Recording of dislocations, velocities, and accelerations by seismographs. N. N. Ionychev. Izv. AN Turk. SSR, Ser. fiz.-tekh., khim. i geol. nauk no. 2:33-41 '62.
Technique of spectrum determination taking into account the aperiodicity of seismic vibrations. N. K. Karapetian. Dokl. AN Arm. SSR 34 no. 2:71-74 '62.

SELENIUM
(see also subdivision under Kafan District, Noril'sk region)
"Chemistry and technology of selenium and tellurium" by A. A. Kudriavtsev. Reviewed by N. K. Bortosevich. Khim. prom. no. 3:227-228 Mr '62.

SELENIUM—PHYSIOLOGICAL EFFECT
Tumors of the liver produced by selenium [with summary in English]. L. A Cheiken, S. G. Apteker', M. N Volgarev. Biul. eksp. biol i med 3[i e 5] no 3 78-83 Mr '62

SELENIUM BROMIDE
Electron diffraction examination of the evaporation products of selenium tetrachloride and tetrabromide P. A Akishin, V. P Spiridonov, R. A. Mishulina Vest. Mosk un. Ser. 2 Khim. 17 no. 2:23-25 Mr-Ap '62

SELENIUM CHLORIDE
Electron diffraction examination of the evaporation products of selenium tetrachloride and tetrabromide P. A Akishin, V. P Spiridonov, R. A. Mishulina. Vest. Mosk un. Ser. 2 Khim. 17 no. 2 23-25 Mr-Ap '62

SELENIUM OXIDE
Saturated vapor pressure of SeO_2. E. V. Murgulis, I. Getskin, N. S Millskaia Zhur. neorg. khim. 7 no 4: 729-731 Ap '62.

SELENOPHENE
Chemistry of selenophene Part 26. Reactions of 2-chloromethylselenophene and its homologs. III A IUr'ev, M. A. Gal'bershtam, N. K. Sadovaia Zhur. ob khim 32 no 4 1301-1307 Ap '62.

SELF-DEFENSE (LAW)
Mikhailov, M. P. [The right of Soviet citizens to defend themselves] Pravo grazhdan na neobkhodimuiu oborony Moskva, Gos. izd-vo iurid. lit-ry, 1963. 28 p.

SELF-SERVICE STORES
What hinders self-service. A. Bedritskii. Sov. torg. 35 no. 4:13 Ap '62.

SEL'VINSKII, IL'IA L'VOVICH, 1890-
A highly dramatic poetry. Dm. Moldavskii. Oktiabr' 37 no. 1:195-201 Ja '62.

SEMEN—PRESERVATION
Effect of cooling conditions on the freezing of semen. L. O. Kuznetsyhkov. Visnyk sil'hosp nauky 5 no 3 70-75 Mr '62.

SEMENOV, M.
"Stickers" and "Berezkin rides a taxi" by M Semenov. Reviewed by Boris Privalov. Moskva 6 no 1 214 215 '62.

SEMICARBAZONES
Monoguanyl hydrazones and certain mixed guanyl hydrazones-thiosemicarbazones of β-diketones exhibiting a tuberculostatic effect. V. IA. Grinshtein, A P. Veveris Zhur. ob. khim 32 no. 4:1077-1084 Ap '62.

SEMICONDUCTOR DEVICES see Transistors

SEMICONDUCTORS
Candoluminescence of crystal phosphors and the electronic theory of catalysis in semiconductors. Discussion of V. A. Sokolov's report. A. N. Gorban'. Izv. AN SSSR. Ser. fiz. 26 no. 4:518-519 Ap '62.
Conjugation and orderliness as factors affecting semiconducting properties of polymers. A. A. Dulov and others Dokl. AN SSSR 143 no. 6:1355-1357 Ap '62.
Energy spectrum of certain impurity atoms in germanium and silicon N. A. Vitovskii and others Fiz. tver tela 4 no. 3:816-817 '62.
Goncharov, B. P., and B. M. Shilmovich. [Semiconductors in agriculture] Poluprovodniki v sel'skom khoziaistve. Moskva, Izd-vo "Znanie," 1962. 29 p. (Novoe v zhizni, nauke, tekhnike. V Serila: Sel'skoe khoziaistvo, no. 4)
Multiplication of electrical signals using three-electrode Hall transducers. M. E. Mazurov, I. N Prudnikov. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no. 2:143-155 Mr-Ap '62.
Nature of the electric conductivity of vitreous semiconductors. R. L. Miuller. Zhur. prikl. khim. 35 no 3 541-550 Mr '62.
Negative absorption due to indirect exciton recombinations in a semiconductor. O. N. Krokhin. Fiz. tver tela 4 no. 3:822-825 '62.
Ovcharenko, N. I. [Galvanomagnetic effects in semiconductors and their technological uses] Gal'vanomagnitnye iavleniia v poluprovodnikakh i ikh tekhnicheskoe ispol'zovanie. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 90 p.
Physical principles of the operation of semiconductor devices. IA. Fedotov. Radio no. 4:36-39 Ap '62.

SEMICONDUCTORS—ELECTRIC PROPERTIES
Apparatus for quick determination of the temperature dependence of the conductance of semiconductors. V. B. Antonov, R. Kh. Nani. Izv. AN Azerb. SSR, Ser. fiz.-mat. i tekh. nauk no. 6:45-48 '61.

SEMICONDUCTORS—OPTICAL PROPERTIES
Change in the refraction indices of intensively illuminated semiconductor films. S. N. Chechurin. Fiz. tver. tela 4 no. 3:813-814 '62.

SEMICONDUCTORS, EFFECT OF RADIATION ON
Effect of gamma radiation on a germanium oxide film. A. A. Kist and others. Izv. AN Uz. SSR, Ser. fiz.-mat. nauk 6 no. 1:86-90 '62.

SEMIPALATINSK—CHILDREN—DISEASES
Distribution of intestinal protozoa among children of nursery school age in the city of Semipalatinsk A. M Rakhmanova, I. V Kel'shtein. Trudy Semipal med inst 2 295-301 '59.

SEMIPALATINSK PROVINCE—AGRICULTURAL WORKERS—DISEASES AND HYGIENE
Our experience with dispensary treatment of patients under state farm care I I Karamendin Trudy Semipal. med. inst. 2 320-334 '59

SEMIPALATINSK PROVINCE—TRICHODERMA
Distribution of Trichoderma in soils of Semipalatinsk and Aktyubinsk Provinces of Kazakhstan. A. A. Levina Trudy Inst mikrobiol i virus. AN Kazakh. SSR 5:121-128 '61.

SENEGAL—TRIALS (POLITICAL CRIMES AND OFFENSES)
Failure of a frame-up. Rad. pravo no 2,113-114 Mr-Ap '62.

SENSE ORGANS
Study of the analysors in schizophrenia [with summary in French] M. S. Lebedinskii and others. Zhur. nevr. i psikh. 62 no 1,85-89 '62.

SENTENCES (CRIMINAL PROCEDURE)
The bill of charges and its relation to judicial sentences. K. Lvdokimov, V. Strementskii. Sov. just. no. 6-12-13 Mr '62.
How public prosecutors control the legality of judicial sentences. I Sapozhnikov. Sots. zakon 29 no. 3 49-52 Mr '62.

SENTO see Central Treaty Organization

SEPARATORS (MACHINES)
Making a gas separator of a sinking centrifugal pump. P. D. Lapkov. Trudy VNII no 22:30-58 '59.
Standards for spiral classifiers and hydrocyclones. TSvet. met. 35 no. 4:85-86 Ap '62.
Use of louvered separators in the internal system of steam boiler drums. IU. I. Sorokin. Energomashinostroenie 8 no. 4:11-14 Ap '62.

SEPTICEMIA
Case of septicemia treated with antibiotics and calcium chloride D. V. Usov. Klin med no. 2 130-140 '62.
Therapeutic effectiveness of antibiotics in diplococcal septicemia of lambs. A. M. Rakhmanov, U. Annabigin. Veterinariia 38 no. 1:41 Ja '61.

SEQUENCES (MATHEMATICS)
Iterative method for Chebyshev approximations of incompatible systems of linear inequalities. I. I. Eremin. Dokl. AN SSSR 143 no. 6:1254-1256 Ap '62.
Problem of the effectiveness and noneffectiveness of regular matrices. I. L. Ogievetskii. Dokl. AN SSSR 143 no. 5:1050-1052 Ap '62.

SERAFIMOVICH, A., pseud. see Popov, Aleksandr Serafimovich, 1863-1949

SEREBRIAKOVA, G.I.
"Stealing of fire" by Galina Serebriakova. Reviewed by Bushin. Oktiabr' 39 no. 3:200-201 Mr '62.

SERFDOM
Kulikov, IU., comp. [Chernyshevskii's followers] Spodvizhniki Chernyshevskogo. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1961. 476 p. (Zhizn' zamechatel'nykh liudei. Serila biografii, no. 18(332))
Ruvel'ov, N. [Peasant reform of 1861 in the Altai] Krest'ianskaia reforma 1861 goda na Altae. Barnaul, Altaiskoe kraevoe izd-vo, 1950. 61 p. (NNC)

SERGEEV-TSENSKII, SERGEI NIKOLAEVICH, 1876-1958
"A hero's great deed, on Sergeev-Tsenskii" by I. M. Shevtsov. Reviewed by G. Lapkina, V. Pankeev. Vop. lit. 6 no. 4:193-197 Ap '62.

SERIES
Condition of expansibility of functions into quasi-exponential series with slow ascension of the sequence $\{\gamma_n\}$. G. V. Badalian. Izv. AN Arm. SSR. Ser. fiz. -mat. nauk 15 no. 2:3-14 '62.
Series of rational functions. A. A. Gonchar. Dokl. AN SSSR 143 no. 6:1246-1249 Ap '62.

SERIES, ORTHOGONAL
Summation of orthogonal series by Euler's methods. O. A. Ziza. Dokl. AN SSSR 143 no. 6:1257-1260 Ap '62.

SERIES, TAYLOR'S
Order of approximation of analytic functions by partial sums of series of orthogonal polynomials. P. K. Suetin. Izv. AN Arm. SSR. Ser. fiz. -mat. nauk 15 no. 2:81-86 '62.

SERINE
Study of the biological activity of N-dichloroacetyl-D, L-serine. G. L. Zhdanov and others. Dokl. AN SSSR 143 no. 5:1222-1224 Ap '62.

SERKOVA, NELLI
Nelli Serkova. T. Chernova. Teatr 23 no. 5:172 My '62.

SEROTININ
Serotonin content of the blood of psychiatric patients and its changes in the process of treatment [with summary in French] L. I. Lando, IU. L. Zakhar'in, L. B. Krupenina Zhur. nevr. i psikh. 62 no 1:99-107 '62

SEROVA, OL'GA VALENTINOVNA
"The school of joy; lyrical etudes" by Ol'ga Serova. Reviewed by V. Sokolov. Neva no. 1:192-193 '62.

SERPUKHOV DISTRICT—VEGETABLE GARDENING—COSTS
We have the cheapest vegetables! A. A. Gol'tsov, F. K. Titov Uchet i fin. v kolkhoz i sovkhoz 19 no 4:47-50 Ap '62.

SERUM
Effect of anaphylactic shock on precipitating antibody formation Report No. 3 Mechanism of the effect of anaphylactic shock on a change in the precipitin titer [with summary in English] V. A. Frolov. Zhur mikrobiol., epid. i immun 33 no. 3,113-114 Mr '62
Hygienic evaluation of the visual working conditions for inspectors of prepared sera and vaccines [with summary in English] K. I. Gopsh, N. I. Zoz Gig. truda i prof zab 6 no 3:17-20 Mr '62
Production of a specific fluorescent anthrax serum [with summary in English]. V. A. Blagoveshchenskii and others. Zhur. mikrobiol., epid. i immun. 33 no. 3 18-23 Mr '62.
Sulfhydryl groups in the blood serum in silicosis A. IA. Shurygin. Sov. zdrav. Kir. no 1,17-19 Ja-F '62
Use of pregnant mare's serum as an important measure for accelerated development of livestock farming. A F Tuchin Veterinariia 37 no. 12 15-16 D '60.

SERUM DIAGNOSIS
Adsorption of sera for luminescence analysis [with summary in English]. N. A. Kuz'min Zhur. mikrobiol., epid. i immun. 33 no. 3,23-27 Mr '62.
Possibility of detecting typhoid-paratyphoid bacteria in the blood using luminescent sera [with summary in English] L. V. Mitrofanova, Zhur. mikrobiol., epid. i immun 33 no. 3-14-17 Mr '62

SERVOMECHANISMS
Analysis of a potentiometric bridge for a relay-type servomechanism. V. T. Zagorodniu, IU P. Stashinov. Trudy NPI 115:35-45 '61
Mapping of the motion of a digital servo system on a multiplane phase surface [with summary in English]. V. P. Strakhov. Avtom. i telem. 23 no. 4:467-480 Ap '62.
Transfer function of a servo system with two-phase asynchronous motors [with summary in English] N. P Vlasov. Avtom. i telem. 23 no 4.461-466 Ap '62.

SEVASTOPOL—RUSSIAN NEWSPAPERS—SECTIONS, COLUMNS, ETC.
Hundred percent right. N. Ortov. Sov. pech. no. 2:21 F '62.

SEVASTOPOL—SIEGE, 1942
Sevastopol party organization during the siege, October 1941-July 1942. P. I. Mus'iakov. Vop. ist. KPSS 6 no. 2:80-94 '62.

SEVASTOPOL, BAY OF—CRUSTACEA
Oxygen absorption by some planktonic crustaceans in the Bay of Sevastopol. E. V. Pavlova. Trudy SBS 14, 79-90 '61.

SEVASTOPOL, BAY OF—DIATOMS
Vertical distribution of diatom fouling in the Bay of Sevastopol. Z. S. Kucherova. Trudy SBS 14:64-78 '61.

SEVASTOPOL, BAY OF—GASTROPODA
Growth of Rapana bezoar L. in the Bay of Sevastopol. V. D. Chukhchin. Trudy SBS 14:169-177 '61.

SEVASTOPOL, BAY OF—RED MULLETS
Oxygen consumption by the red mullet (Mullus barbatus ponticus Essipov) at different temperatures and its relation with the daily rhythm and intensity of feeding. N. IA. Lipskaia. Trudy SBS 14:202-214 '61.

SEVASTOPOL REGION—MARINE ECOLOGY
Small worms, crustaceans, and marine mites in the Cystoseira biocoenose. E. B. Makkaveeva. Trudy SBS 14:147-162 '61.

SEVERTSEV, IL'IA
"In the forest behind the front" by Il'ia Severtsev. Reviewed by Nadezhda Pavlovich. Oktiabr' 39 no. 4:219 Ap '62.

SEWAGE see subdivision under East Kazakhstan Province

SEWAGE—ANALYSIS
Determination of furfurole and its derivatives in industrial waste waters. IU. IU. Lur'e, V. A. Panova Zav. lab 28 no. 3:281-285 '62.
Determination of 1, 2-dichloroethane in waste waters. V. P. Sokolov, K. A. Lobashov. Zav. lab. 28 no. 3: 285-287 '62.

SEWAGE—PURIFICATION
Branch conference on the purification of industrial wastes from synthetic fiber plants. V. A. Mal'kov. Khim. volok. no. 2:77-78 '62.

Recovery of chlorobenzene from waste waters V. M Kisarov and others Khim. prom no 3 216-217 Mr '62.
Wet storage of salt for chemical water purification V. G IAvorskii Sakh. prom 35[i e 36] no 2:50-51 F '62

SEWAGE DISPOSAL
Discharge of waste water into the sea B. M Raskin Gig i san 26 no 5 81-84 My '61.

SEWERAGE
Determining the discharge through an apartment sewerage system. I. A. Aptekarev, Izv. vys. ucheb. zav., stroi. i arkhit. 5 no. 1:175-179 '62.

SEWERAGE—TABLES, CALCULATIONS, ETC.
Fedorov, N. F., and L. E. Volkov. [Hydraulic calculations relating to sewer systems, calculation tables] Gidravlicheskii rashchet kanalizatsionnykh setei; raschetnye tablitsy. 3., ispr. i dop. izd. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1961. 253 p.

SEWERAGE, RURAL
Shaumanovskii, I. M. [Water supply and sewerage for villages] Vodosnabzhenie i kanalizatsiia poselkov. [Moskva] Mosk. rabochii, 1962 158 p.

SEWING MACHINES
(see also subdivision under Orsha)
Redesigning of sewing machines. K. P. Petrova. Shvein. prom. no 2,30-32 Mr-Ap '62.

SEWING MACHINES—PAINTING
Modernizing the technology of painting of sewing machines. E. A. IAnshina. Lakokras. mat. i ikh prim. no. 1:52-54 '62.

SEWING MACHINES—VIBRATION
Loading dynamics of the shafts of sewing machines B. I. Damaskin, V. I. Levin. Shvein. prom. no. 1,9-14 Ja-F '62

SEX
Sex characteristics of the anatomical structure of the human larynx E. G. Sarkisova. Soob. AN Gruz. SSR 28 no 1:97-102 Ja '62.

SEX CRIMES
What should I tell her mother. N Cherepko. Sov. just. no. 6:18-19 Mr '62.

SEX HORMONES see Hormones, Sex

SEX ORGANS see Generative organs

SHAFT SINKING
(see also subdivision under Donets Basin, Kuznetsk Basin)
Akademiia nauk SSSR, Institut gornogo dela. [Freezing of rock during shaft sinking] Zamorazhivanie gornykh porod pri prokhodke stvolov shakht. Moskva, Izd-vo Akad. nauk SSSR, 1961. 216 p. [MICROFILM]
Distribution of compressed air in shaft sinking. A. S. Rachkov. Shakht. stroi. 6 no. 4:27 Ap '62
"Sinking and deepening vertical shafts" by S. A. Fedorov. Reviewed by N. S. Bavichev. Gor. zhur. no 4:76-78 Ap '62.
Theoretical bases of an optimum procedure for freezing rocks. G. I. Man'kovskii. Shakht. stroi 6 no. 4:6-10 Ap '62.

SHAFT SINKING—BIBLIOGRAPHY see Bibliography—Shaft sinking

SHAFTING
Analysis of tolerances for the lack of coaxial shafting in marine machine units. V. S. Kravchenko. Sudostroenie 28 no. 3:41-45 Mr '62.
Increasing the load carrying capacity of large steel shafts. I. V. Kudriavtsev, M. IA. Belkin. Vest. mash. 12 no. 4:3-7 Ap '62.
Increasing the wear resistance of cardan shaft hinges. B. A. Dekhtiar, I. E. Vinogradova. Vest. mash. 42 no. 4,56-58 Ap '62,
Tolerances for the manufacture of cone coupling surfaces for parts of marine shafting. A. G Rokhlin. Sudostroenie 28 no. 4:44-48 Ap '62

SHAFTING—TESTING
Device for the determination of the eccentricity of stepped rollers. L. V. Drozdova. Izm. tekh. no. 4:9-10 Ap '62.

SHAKESPEARE, WILLIAM, 1564-1616
A contemporary from Stratford. D. Urnov Teatr 23 no 5:180-185 My '62.
"Shakespeare on the Soviet stage" by Sof'ia Nel's. Reviewed by L. Kessel'. Oktiabr' 39 no. 4:222-223 Ap '62.
The use of metaphors as a determinant of Shakespeare's individual style. A. L. Grechanyi. Vest. Mosk. un. Ser. 7. Filol., zhur 17 no. 2:46-56 Mr-Ap '62.
Who wrote Shakespeare's plays? A. Anikst. Vop. lit. 6 no. 4:107-125 Ap '62.

SHAKHIMARDAN VALLEY—METEOROLOGY
Brief aerosynoptic characteristics of the period of the meteorological expedition in the valley of the Shakhimardan river in July 1958. M. V. Burkova, N. N. Romanov. Trudy Sred.-Az. nauch.-issl. gidrometeor. inst. no. 6:41-47 '61.

SHAKHIMARDAN VALLEY—MICROCLIMATOLOGY
Radiation, heat balance, and microclimate in a mountain valley B A Aizenshtat, M.V. Zuev Trudy Sred.-Az. nauch.-issl gidrometeor. inst no 6 3-40 '61

SHAKHIMARDAN VALLEY—SOLAR RADIATION
Radiation, heat balance, and microclimate in a mountain valley B A Aizenshtat, M V Zuev Trudy Sred.-Az. nauch.-issl.gidrometeor.inst no 6 3-40 '61

SHAKHRISTAN DEPRESSION—WATER, UNDERGROUND
Hydrogeological conditions in the Shakhristan Depression. A. G. Ganiev Uzb. geol zhur 6 no 2;53-58 '62.

SHAKHRISTAN REGION—CRANIOLOGY
Explorations of nomads' burial mounds on the territory of Usrushana. N. Negmatov, E.D. Saltovskaia, T.P Khatkina, Trudy Inst. ist., arkheol. i etn AN Tadzh SSR 27 137-146 '61.

SHAKHTY DISTRICT—PENSIONS
Thanks to the members of the committee F Gorbunov Sots. obesp 23 no 5 22 My '62

SHALMATOV, SYSOI ZOTOVYCH
From the remote pass. Pan'ko Musiienko. Mystetstvo 9 no.1,26-27 Ja-F '62.

SHAMN, ZHUMAT
First Kazakh stage-director A. Sataev. Teatr 23 no 5: 162 My '62

SHAPED CHARGES
Not a thermite charge but a shaped-charge shell. M. Novikov Starsh.-serzh no 3,24-25 Mr '62.

SHAPIRO, MARIIA MOISEEVNA, 1901-
Mariia Moiseevna Shapiro. Zav lab 28 no 3,392 '62

SHARKOVSKII, IOSIF ALEKSANDROVICH, 1901-1961
In memoriam Iosif Aleksandrovich Sharkovskii. Vest. oft. no.2 93 '62.

SHATSKII, STANISLAV TEOFILOVICH, 1878-1934
Eighty-fifth birthday anniversary of S. T Shatskii. I Lidina Nar. obr no. 4 122 Ap '62

SHATURA REGION—ELECTRIC POWER PLANTS—FIRES AND FIRE PREVENTION
Shatura as it is today. V. Semenov. Pozh. delo 8 no. 4 3-4 Ap '62.

SHATURA REGION—PEAT INDUSTRY—FIRES AND FIRE PREVENTION
Shatura as it is today. V. Semenov. Pozh. delo 8 no. 4 3-4 Ap '62.

SHAVING-BRUSHES—DISINFECTION
Effectiveness of disinfecting barbers' brushes in relation to the pathogens of dermatomycoses A. E. Nusinov, T. S. Ivanova Vest. derm i ven. no. 6-62-65 '61.

SHCHERBATOV, MIKHAIL LAZAREVICH, 1859-1910
Portrait of the first Russian woman physician. N. Sosedko Iskusstvo 25 no 3 82-83 '62.

SHEBELINKA REGION—CONDENSATE OIL WELLS
Composition and properties of alkyl sulfonates obtained from condensates of Shebelinka gas condensate wells. O B. Volkova, M. P. Besplatov, Masl.-zhur. prom. 28 no 3;26-28 Mr '62.

SHEEP see subdivision under Kazakhstan, Virgin Territory

SHEEP—ANATOMY
...placenta in sheep. P. V. Popov
...6
...TS
...emia of sheep. IU. B.
...58-59 D '60.
...ep K. M Eliseev
...f foreign literature.
...10-78-82 O '60.
...sing the quality and
...rikavtsov Trudy
...s—Sheep
...n sheep and changes in
...ntral nervous system.
...205-206 '58.
...nder Kazakhstan;
...er Carpathian Moun-
...ing various brand
...nychev. Biul.
...ERY—PATENTS
P. Zhukovets. Biul.

SHEET STEEL—WELDING
Weldability of thin-sheet, hardenable, 30KhSNVFA steel with bilateral and unilateral, two-layer argon-arc welding S L Mandel'berg, V.G Gordonnyi Avtom svar 15 no 5-5-8 My '62.

SHELL MOLDING (FOUNDING)
Casting in shell molds. I A. Vygodskii, R.G. Danilevskaia. Standartizatsiia 26 no 4 23-27 Ap '62.
Mystery of a thin wall IU. Medvedev. Izobr. i rats. no. 4,10-11 Ap '62

SHELL ROOFS see Roofs, Shell

SHEMAKHA (AZERBAIJAN)—STARS—OBSERVATIONS
Atmospheric scintillation of stars as observed at the Shemakha Astrophysical Observatory during 1960 to 1961 G V. Akhundova, A. A. Aliev. Izv AN Azerb. SSR Ser. fiz.-mat. i tekh nauk no 6;165-182 '61

SHEVCHENKO, TARAS, 1814-1861
How "My last will" was set to music. Leonid Kaufman. Mystetstvo 8 no.3-26 My-Je '61.
"Poetry of Taras Shevchenko" by Maksym Rylsʹkyi. Reviewed by S. Krasnova. Vop. lit. 6 no 4,229-230 Ap '62.
"T H Shevchenko's sociopolitical, philosophical, and atheistic views" by I. D. Nazarenko. Reviewed by I Holovakha. Komm Ukr. 37 no 4 88-91 Ap '62.
"T H Shevchenko's sociopolitical, philosophical, and atheistic views" by I D Nazarenko Reviewed by Leonid Khinkulov Voiov ateist no. 5 60-62 My '62.
"Taras Shevchenko, a biography" by Leonid Khinkulov. Reviewed by N F Belʹchikov. Izv. AN SSSR. Otd. lit. i iaz 20 no. 2,166-169 Mr-Ap '61.
Taras Shevchenko and sculpture. Andrii Nimenko. Mystetstvo 8 no.3;23-24 My-Je '61.
Words set to music. Oleksandra TSalai-IAkymenko. Mystetstvo 8 no.3:24-26 My-Je '61.

SHEVCHENKO, TARAS, 1814-1861—HOMES AND HAUNTS
Shevchenko in Novopetrovsk. S. Dmukhovskii. Sov. Ukr. 12 no 5,168-174 My '62.

SHEVCHENKO IN LITERATURE AND ART
Students display their works. Lidiia Rachkovsʹka. Mystetstvo 8 no.3;10 My-Je '61.

SHIELDING (ELECTRICITY)
Problem concerning the calculation of electric losses in the metal sheathing of communication cables. B. Z. Tomchin Elektrosviazʹ 16 no. 3 71-72 Mr '62.

SHIELDING (RADIATION)
Manipulators of radioactive substances for use in laboratories IUn tekh 6 no 3 16-17 Mr '62

SHIFRIN, NISSON ABRAMOVICH, 1892-
Wise artist M. Pozharskaia Teatr 23 no 5:126-131 My '62

SHIGELLA
Antigenic relations of the Boid-Novgorodskaia subspecies of microbes, according to the Soviet classification [with summary in English] L. F. Kuznetsova. Zhur. mikrobiol., epid. i immun 33 no. 3,87-91 Mr '62.
Difficulties in diagnosing some atypical dysenterial bacteria. M. N. IAnishevskaia and others. Med zhur Uzb no. 2 20-22 F '62
Survival of dysenterial bacteria on the skin of the hands L. I. Matsina. Med. zhur. Uzb. no. 2:30-33 F '62.

SHIGELLA DYSENTERIAE
(see also subdivision under Leninogorsk)
Combined effect of levomycetin and bacteriophage on dysenterial bacteria. L.S. Rudenko, L.H. Fedorova. Mikrobiol. zhur. 23 no. 6;37-41 '61.
Decomposition of dysenterial bacteria under various conditions of acidic hydrolysis. H.O. Horchakova, D.O. TSuverkalov. Mikrobiol. zhur. 23 no. 6;41-45 '61.
Dependence of the activity of some dehydrogenases of dysenterial bacteria on the concentration of methylene blue in experiments after Tunberg. IE.D. Moliuk, Mikrobiol. zhur. 23 no. 6;45-48 '61.
Regularities in the multiplication of freshly isolated and laboratory strains of dysenterial bacteria in chick embryos [with summary in English]. IU. A. Belaia. Zhur. mikrobiol., epid. i immun. 33 no. 3;65-68 Mr '62.

SHIGELLA PARADYSENTERIAE
Effect of levomycetin on phagolysis in dysenterial bacteria [with summary in English]. E.K. Ginter, E.V. Karaseva, E.P Sivolodskii. Antibiotiki 7 no.5;467-470 My '62.

SHILOVO DISTRICT—SMALLPOX IN ANIMALS
Measures to be taken in case of udder pox in cows. N.N. Voloskov. Veterinariia 37 no. 8,26 Ag '60.

SHIP HANDLING—BIBLIOGRAPHY see Bibliography—Ship handling

SHIP HANDLING—SAFETY MEASURES
Safety zone for the maneuvering of triple-screw ships. N. Solarev. Rech. transp. 21 no. 4;39-40 Ap '62.

SHIP HANDLING—STUDY AND TEACHING
Train highly qualified ship handling officers. S. Khaturo. Mor flot 22 no 2;39-40 F '62

SHIP PROPULSION, ELECTRIC
Ways of increasing the speed and the advantageousness of "Rossiia"-type diesel-electric motorships. N. Efremov. Rech. transp. 21 no. 4;46 Ap '62.

SHIP REGISTERS
Rules of the U.S.S.R. Register on marine gas turbine plants. G.Kh. Gel'fenbein. Sudostroenie 28 no. 3 21-23 Mr '62

SHIPBUILDING
(see also subdivision under Australia; Canada; Danzig, Great Britain; Greece; Japan; Leningrad; Nikolayev, Norway, Portugal, Sweden, United States)
Creation of a section "Prospective types of seagoing and river vessels, ship equipment, and their automatization." V. Polinshkin Sudostroenie 28 no. 3 76 Mr '62.
Lake and river 2700-ton capacity cargo motorship. N. N Zheltov Sudostroenie 28 no 4,1-5 Ap '62
Research by the Scientific Technological Society for the Shipbuilding Industry N A. Kondrashov. Sudostroenie 28 no. 3;75-76 Mr '62

SHIPBUILDING—ACCOUNTING
Organization and the economic aspects of shipbuilding Sudostroenie 28 no. 3 61 Mr '62.

SHIPBUILDING—BIBLIOGRAPHY see Bibliography—Shipbuilding

SHIPBUILDING—EQUIPMENT AND SUPPLIES
Arkhangel'skii, B.A. [Plastics; manual on the use of plastics in shipbuilding and allied technical fields] Plasticheskie massy; spravochnoe posobie po primeneniiu plasticheskikh mass v sudostroenii i v smezhnykh oblastiakh tekhniki. Leningrad, Sudpromgiz, 1961. 719 p.

SHIPBUILDING—FINANCE see subdivision under Kiev

SHIPBUILDING WORKERS
(see also subdivision under Leningrad)
Ship repairmen's workdays. V. Ionov. Rech. transp. 21 no. 4;27-28 Ap '62.

SHIPFITTING
Tolerances for the manufacture of cone coupling surfaces for parts of marine shafting. A. G Rokhlin. Sudostroenie 28 no. 4;44-48 Ap '62

SHIPPING
All efforts to the carrying out of the transportation plan for the fourth year of the seven-year period E. Tsekkinberg Mor flot 22 no 2,1-4 F '62.
Andreev-Golubev, N. I., and G. E. Brukhis. [Commercial operation of the merchant marine] Kommercheskaia ekspluatatsiia morskogo transporta. Moskva, Izd-vo "Morskoi transport," 1961. 220 p.
Brief news of foreign countries. Mor. flot 22 no. 4;41 Ap '62.

SHIPPING—ABSTRACTS
[Water transportation] Ref. zhur.: Vod. transp. no. 4 Ap '62.

SHIPPING—CONGRESSES
Conference on problems of cooperation between science and industry. Mor. flot 22 no 4;45 Ap '62.

SHIPPING—STATISTICS
Losses of the world fleet [from "Lloyd's Register of Shipping"]. Mor. flot 22 no. 2;44 F '62

SHIPS
Arsen'ev, S. P. [Prospective types of river transportation vessels] Perspektivnye tipy rechnykh transportnykh sudov. Moskva, Izd-vo "Rechnoi transport," 1962. 162 p.
Systematic development of the fleet and harbors is the basis for the high efficiency of river transportation. A. Irkhin. Rech. transp. 21 no. 3;10-12 Mr '62.

SHIPS—AIR CONDITIONING see subdivision under Poland

SHIPS—CATHODIC PROTECTION
Electric current saves ships from deterioration. L. Lifshits. IUn tekh. 6 no. 3 33-36 Mr '62.

SHIPS—EQUIPMENT AND SUPPLIES
Bulls eyes made of plastics. A. Brinkalov, V. Tendler. Tech. transp. 21 no. 3;28-29 Mr '62.

SHIPS—HYDRODYNAMICS
Nonstationary forces on the carrying wings of high-speed ships in rough sea conditions. I. T. Egorov Sudostroenie 28 no. 4;13-14 Ap '62.

SHIPS—MAINTENANCE AND REPAIR
(see also subdivision under Baku; Dnepropetrovsk)
More and better dockyard facilities. G. Finkel'. Mor. flot 22 no 4;26-28 Ap '62.
Paste for cleaning metal surfaces from rust and fouling. V. Patrikeev, K. Arbuzova. Mor. flot 22 no. 4;28-29 Ap '62.

SHIPS – MAINTENANCE AND REPAIR (Continued)
Reconditioning lacquer coatings on river passenger ships. F. Kuz'min, IU. Matasov Rech transp. 21 no 4,23-25 Ap '62.
Repair of ships on pontoons A. Konstantinov Mor. flot 22 no. 2;35-36 F '62.
Repair shops on fishing craft. V S Bilyuk Sudostroenie 28 no 3 46-50 Mr '62
Use of adhesives for ship repairs I. Lunev, Mor. flot 22 no. 4;29-31 Ap '62
Use of carbon in ship repairs M. R. Treskunov. Sudostroenie 28 no 3 50-51 Mr '62.
We are ready for the opening of the navigation season. A. Puzenko Rech. transp 21 no 4;45 Ap '62

SHIPS—PAINTING
New anticorrosive varnish paint undercoats. I. Klimshenkov. Rech transp. 21 no. 4;47-48 Ap '62
Results of testing synthetic antifouling paints for seagoing ships V. A. Bershtein and others. Sudostroenie 28 no. 1 41-44 Ap '62

SHIPS—WELDING
Out-of-town session of the Welding Department of the Scientific Technological Society for Shipbuilding V S Antonenko Sudostroenie 28 no. 4 61-62 Ap '62

SHIPS, ELECTRICITY ON see Electricity on ships

SHIPWORMS
Effect of sea water of reduced salinity and various temperature on the larvae of the shipworm(Teredo navalis L.) [with summary in English]. R K Kudinova-Pasternak. Zool zhur. 41 no 1,49-57 Ja '62

SHIPWRECKS
Wreck of the "Titanic." S. Kniazev. Mor. flot 22 no. 4; 42 Ap '62.

SHIPYARDS see subdivision under Gorkiy, Kiev

SHIRVAN STEPPE see Kura Lowland

SHIVELIG-KHEM BASIN—ARCHAEOCYATHIDAE
Early Cambrian Archaeocyathidae of the Shivelig-Khem Basin. V V Missarzhevskii. Paleont. zhur no 4 19-23 '61.

SHKAPOVO REGION—OIL RESERVOIR ENGINEERING
Study of Shkapovo flowing wells being exploited with bottom pressure lower than saturation pressure V I. Portnov. Trudy VNII no. 25,131-145 '59

SHKOTOVO DISTRICT—FORESTS AND FORESTRY
A life shared with the forest (to be continued). I. Livnev. Les khoz. 15 no. 4;83-85 Ap '62.

SHMIDT, B. A.
"Branch of white lilac" by B. Shmidt. Reviewed by N. Arkanov. Neva no. 1 186-187 '62.

SHOCK
Al'perovich, I. S., A. N. Varenik, and E. S. Skorniakova. [First aid in traumatic shock and terminal states] Skoraia meditsinskaia pomoshch' pri travmaticheskom shoke i terminal'nykh sostoianiiakh; opyt Leningradskoi stantsii skoroi pomoshchi. [Leningrad] Medgiz, 1961. 61 p. (Peredovoi opyt organizatsii zdravookhraneniia) (DNLM)
Course of peptone shock in radiation sickness. I. I. Krivenko. Pat fiziol. i eksp. terap. 5 no. 6;62-63 N-D '61.
Effect of hibernation and hypothermia on the course of hemotransfusion shock in an experiment [with summary in English]. K. D. Eristavi, T. O. Zhvania, G. IA. Odishvili. Pat. fiziol. i eksp. terap. 5 no. 6;30-33 N-D '61.
Experimental data on the compound use of neuroplegic, vasopressor and hormonal substances in the treatment of shock [with summary in English] O. P Khrabrova Biul. eksp. biol. i med 3[1 o. 53] no. 3,60-64 Mr '62.
Petrov, I. R., ed. [Traumatic shock] Travmaticheskii shok. Monografiia sost. E. I. Vol'pert i dr. Moskva, Medgiz, 1962 239 p. (DNLM)
Role of the liver in the pathogenesis of shock. R D. Kornilova. Izv. AN Kazakh. SSR, Ser. med i fiziol. no. 1,91-94 '61.
Role of trauma in the genesis of spinal shock. F. A. Orenbuk. Fiziol. zhur. 48 no. 3 309-313 Mr '62.

SHOCK WAVES
Asymptotic law of smoothing out a discontinuity in a monoatomic gas [with summary in English]. R. G. Barantsev. Zhur. eksp. i teor. fiz. 42 no. 3 889-895 Mr '62.
Calculation of wave fields in elastic homogeneous media with plane-parallel interfaces. K. I. Ogurtsov Prik mat. i mekh. 26 no 2;350-355 Mr-Ap '62.
Dynamic compression of porous metals and the equation of state with variable specific heat at high temperatures [with summary in English]. S. B. Kormer and others Zhur. eksp. i teor. fiz. 42 no. 3;686-702 Mr '62.
Excitation of elastic vibrations in underwater explosions of gas mixtures. G. S. Evdokimov and others. Dokl. AN SSSR 143 no. 5;1085-1086 Ap '62.
Expansion of a cylinder in a liquid. K. A Naugol'nykh. Akust. zhur. 8 no. 1,136-138 '62.
IAkovlev, IU. S. [Hydrodynamics of explosions] Gidrodinamika vzryva. Leningrad, Sudpromgiz, 1961. 312 p.
Kinetics of nitrogen oxidation in a direct shock wave IU S. Safasov PMTF no 1 61-67 Ja-F '62
Sensitivity of ozone-oxygen solutions to pressure pulse Z. B. Basyrov, A V Pankratov. Khim prom no 3 174-175 Mr '62
Shock compression of porous tungsten [with summary in English] K K Krupnikov, M. I. Brazhnik, V P Krupnikova. Zhur. eksp. i teor fiz 42 no 3 675-685 Mr '62.
Shock waves in comets. L S Marochnik Astron tsir. no 222 13-16 My '61
Some particular solutions to "short wave" equations. B I Zaslavskii PMTF no. 1 34-38 Ja-F '62.
Structure of shock waves in magnetohydrodynamics with dissipation following an arbitrary law A G Kulikovskii Prik mat i mekh 26 no 2 273-279 Mr-Ap '62

SHOE INDUSTRY
(see also subdivision under Gottwaldov, Czechoslovakia, Grodno, Kirov Province)
The first Soviet consolidated enterprise. A. A Shtein, I A Shiffin Kozh -obuv. prom. 4 no 2 11-14 F '62
From the materials of the All-Union Scientific Technical Conference on "The ways of improving the organization of production and the quality of footwear." Kozh -obuv prom. 4 no 2 5 F '62
Ways of improving the organization of production and the quality of footwear in connection with the decisions of the 22d Congress of the CPSU. B. D Breev Kozh. -obuv prom 4 no. 2 5-10 F '62.

SHOE INDUSTRY—HYGIENIC ASPECTS
Ventilation of the sewing workshops of shoe factories. Z. A Volkova Gig. truda i prof. zab. 4 no 4;52-55 Ap '60.

SHOE MANUFACTURE
(see also subdivision under Czechoslovakia)
Ezerskii, G. E., and G. V. Mukhanov. [Manufacture of light footwear and house slippers] Proizvodstvo legkoi i komnatnoi obuvi. Moskva, Rostekhizdat, 1962. 205 p.
For a high quality of footwear. V S. Novikov. Kozh. -obuv. prom. 4 no. 2;1-5 F '62.

SHOE MANUFACTURE—BIBLIOGRAPHY see Bibliography—Shoe manufacture

SHOE MANUFACTURE—EQUIPMENT AND SUPPLIES see subdivision under Latvia

SHOLOKHOV, MIKHAIL ALEKSANDROVICH, 1905-
"Aleksei Tolstoi's career" by M. Charnyi; "On M. A. Sholokhov's 'Virgin soil upturned'" by L. IAkimenko. Reviewed by Lidiia Fomenko. Oktiabr' 38 no. 1;222-223 Ja '62.
Dairedzhiev, B. L. [On the novel "And quiet flows the Don."] O "Tikhom Done." Moskva, Sovetskii pisatel', 1962. 296 p.
Gura, V. V. [Life and works of M. A. Sholokhov] Zhizn' i tvorchestvo M. A. Sholokhova. Izd. 2., ispr. i dop. Moskva, Gos. uchebno-pedagog. izd-vo, 1960. 171 p. (WU)

SHOLOKHOV, MIKHAIL ALEKSANDROVICH—HOMES AND HAUNTS
Places familiar to Sholokhov. A. Lukin, K. Prilma. Starsh -serzh no. 3,30-32 Mr '62.

SHOOTING
Individual work of the trainer with riflemen I. Rabinovich Voen znan. 38 no. 4;31-32 Ap '62
"Secrets" of accurate shooting. A. Bukanov. Voen znan 38 no. 4;34-35 Ap '62.

SHOOTING, MILITARY
Fire control. G. Shinkarev. Voen. vest. 41 no. 4;104-107 Ap '62.
"Firing from a tank" by N. I. Gusev, N. I. Shramov Voen. znan 38 no 4;30 Ap '62
From a concealed firing position A Krasnokutskii. Starsh. -serzh. no 2,13 F '62.
Platoon carries out field firing at night. I. Lysenko, S Prokhorov. Voen. vest. 41 no. 3;100-103 Mr '62.
Preparation for firing by direct laying. G. Slashchev. Voen. vest. 41 no. 3;104-107 Mr '62.
Rapidly and accurately. E. Alekseev. Voen. vest. 41 no 3 107-109 Mr '62.
Replies to questions of readers on firing. Voen. vest 41 no. 4;84-85 Ap '62
A training exercise. D. Kozlov. Starsh. -serzh. no. 1; 16 Ja '62.

SHOOTING, MILITARY—EQUIPMENT AND SUPPLIES
Firing with imitation mortar shells. A. Levchenko. Voen. vest. 41 no. 4;110-111 Ap '62.
In order to teach sighting of weapons. V. Nikol'skii Starsh -serzh no. 1 35 Ja '62.

SHOP PRACTICE see Machine-shop practice

SHOULDER—BLOOD SUPPLY
Thrombosis of the axillary and subclavian vein (Paget-Schroetter syndrome). V. M. Lashchevker. Nov. khir. arkh. no. 3;30-33 '62.

SHOR-SU REGION—SULFUR
Geological features and the genesis of sulfur deposits in the Shor-Su region (Uzbek S. S. R.). N. P. IUshkin. Izv. AN SSSR, Ser geol. 27 no. 4;85-96 Ap '62.

SHOSTAKOVICH, DMITRII DMITRIEVICH, 1906-
After the first performance of the Fourth Symphony V Bobrovskii. Sov muz. 26 no. 4 12-17 Ap '62

SHPIGEL', TSETSILIIA GRIGOR'EVNA, 1895-1961
TSetsiliia Grigor'evna Shpigel', obituary. Inostr. lit. v shkole no 2;127-128 Mr-Ap '62

SHRUBS
Do you have these bushes? IUn nat no 4 38 Ap '62

SHTOKOLOV, BORIS
Keen talent. I Kuznetsova. Sov. muz. 26 no 4 79-83 Ap '62.

SHUMSKOYE DISTRICT—ATHEISM
Scientists have come to a village. A Rusova, M Petrenko Volov ateist no 5 36-38 My '62

SHUSHA (AZERBAIJAN)—MINERAL WATERS
Turshsu. S. T. Talybova Zdorovie 8 no. 4;30 Ap '62

SHVARTS, EVGENII L'VOVICH
"Evgenii Shvarts, a critico-biographical study" by S. TSimbal. Reviewed by L. Lazarev. Vop. lit. 6 no 4;188-193 Ap '62.

SIALIC ACID
Biosynthesis of sialic acids in the brain and the mucous membrane of the stomach [with summary in English] Kh. P Lind Vop med. khim. 8 no 2;140-144 Mr-Ap '62.

SIBAY REGION—ZINC ORES
Flotation of Sibay deposit zinc ores. E. I. Petrov, V. A. Novoselov. TSvet. met. 35 no. 3 15-18 Mr '62.

SIBERIA—AGRICULTURE
Use Siberian land sensibly D D Moldavskii, V I Bredikhina Zemledelie 24 no 4 20-24 Ap '62

SIBERIA—CONSTRUCTION EQUIPMENT
Dependable machinery for building projects in the Far North and Siberia A I Astakhov Stroi i dor mash 7 no. 3 9-11 Mr '62.

SIBERIA—DESCRIPTION AND TRAVEL
"Siberia and China" by Nikolai Milescu Spafarii. Reviewed by V. S. Miasnikov. Nar. Azii i Afr no. 2;225-228 '62

SIBERIA—EARTHWORK—COLD WEATHER CONDITIONS
Earthwork operations which help to prolong the building season. L. A Morgulis. Stroi truboprov. 6 no. 11 20-21 N '61.

SIBERIA—ENGINEERING GEOLOGY—CONGRESSES
Hydrogeologic and engineering geology problems in Siberia and the Far East V I Astrakhantsev. Geol i geofiz. no. 2 126-127 '62.
Third Conference on the Underground Waters and Engineering Geology of Siberia and the Far East. V I Astrakhantsev, E. V Pinneker Sov. geol. 5 no 4 143-146 Ap '62.

SIBERIA—ETHNOLOGY
"Siberian ethnographic studies." Vol. 3. Reviewed by I. Gurvich. Sov. etn. no. 2;149-152 Mr-Ap '62

SIBERIA—FORESTS AND FORESTRY
"Forests of Siberia and the Far East, their forest-type zones" by G. V Krylov Reviewed by N. G Vasil'ev and IU P. Khlonov Les khoz. 15 no. 4 92 Ap '62.

SIBERIA—GEOLOGY—BIBLIOGRAPHY
Literature on the geology of Siberia received by the State Public Library of Science and Technology of the Siberian Branch of the Academy of Sciences of the U. S. S. R. from June 22 to July 21, 1961. Geol. i geofiz no. 1;147-160 '62
Literature on the geology of Siberia received by the State Public Library of Science and Technology of the Siberian Branch of the Academy of Sciences of the U. S. S. R from August 23 to September 21, 1961. Geol. i geofiz no. 2; 132-139 '62

SIBERIA—GRAVITY PROSPECTING
Accuracy of height determinations from topographic maps in regional gravity surveys. A. P Egorov. Geofiz. razved. no. 6;118-124 '61.
Use of the MI-1 helicopter in making a gravity survey in combination with barometric leveling. B. P. Borodin, R. G. Kurinin, N. S. Fridliand. Geofiz. razved. no. 6; 52-59 '61.
Using helicopters for two milligal gravity surveys in the tundra. B. D. Poletaev. Geofiz. razved. no. 6,47-52 '61.

SIBERIA—GUIDEBOOKS
[Along tourists' paths] Po turistskim tropam. [Irkutsk] Irkutskoe knizhnoe izd-vo, 1961. 198 p.

SIBERIA—INLAND WATER TRANSPORTATION
Conference in Novosibirsk. Rech. transp. 21 no. 4;48 Ap '62.
Improve methods of transporting crated piece cargoes and lumber on Siberian rivers. A. Artamonychev, M. Sorokin. Rech. transp. 21 no. 4;9-12 Ap '62.

SIBERIA—LABOR AND LABORING CLASSES
Siberian personality. V. Smirnov. Vokrug sveta no. 4: 8-15 Ap '62

SIBERIA—PROSPECTING
Increase the efficiency of mineral prospecting. Geol i geofiz no 2 3-5 '62
Principal results of geological prospecting in Siberia and plans for its further development B M Kosov. Sov geol 5 no 4.3-14 Ap '62

SIBERIA—RAILROADS
Our diesel locomotives make long round trips. S. Temnikov. Agitator no.10,26-33 My '62.

SIBERIA—RURAL CONDITIONS
Soskin, V. L. [Communists of Siberia, initiators of patronage of the cities over villages] Kommunisty Sibiri, zachinateli shefstva goroda nad derevnei. [Novosibirsk] Novosibirskoe knizhnoe izd-vo, 1958. 51 p.
(MH)

SIBERIA—WATER, UNDERGROUND—CONGRESSES
Hydrogeologic and engineering geology problems in Siberia and the Far East V I Astrakhantsev Geol i geofiz no 2 126-127 '62
Third Conference on the Underground Waters and Engineering Geology of Siberia and the Far East V. I. Astrakhantsev, E V. Pinneker Sov geol 5 no 4 143-146 Ap '62

SIBERIA, EASTERN—ALUMINUM INDUSTRY
Designing buildings for alumina shops of aluminum plants in the eastern part of the U S S R N V Aleshchenko. Trudy NII prom zdan i soor no 5 13-24 '61.

SIBERIA, EASTERN—GYPSY MOTH
Prognosis of mass occurences of the gypsy moth Ocneria dispar L (Lepidoptera, Liparidae). Report No 4 Mass occurence of the gypsy moth and their prognosis in Eastern Siberia [with summary in English] V. I. Benkevich Ent. oboz. 41 no. 1:40-49 '62.

SIBERIA, EASTERN—LOESS
Some features of loess in Eastern Siberia. I. I. Molodykh Osn., fund. i mekh grun 3 no. 6:24 '61.

SIBERIA, EASTERN—MECOPTERA
New Jurassic Ijapsyche (Mecoptera, Paratrichoptera) genus from Eastern Siberia G. R. Kolesnitsyna, O. M Martynova. Paleont zhur no. 4 162-164 '61.

SIBERIA, EASTERN—SOIL BIOLOGY
Study of the biological activity of Eastern Siberian soils [with summary in English]. K. A Kozlov. Pochvovedenie no 4:40-47 Ap '62.

SIBERIA, WESTERN—ALFALFA
Biomorphologic characteristics of alfalfa Medicago tianschanica Vass. in its introduction in Western Siberia. M. N. Smirnov, S M. Kolesnikova. Trudy TSSBS no. 4:87-94 '60.

SIBERIA, WESTERN—ECONOMIC GEOGRAPHY
Orlov, V. I. [Western Siberia; studies on nature and economy. Textbook for teachers] Zapadnaia Sibir' (ocherki o prirode i khoziaistve); posobie dlia uchitelia. Moskva, Gos uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961 190 p.

SIBERIA, WESTERN—MOLLUSKS
Distribution of the mollusk Bithynia leachi in Western Siberia [with summary in English] V F. Martynov, A. A. Salazkin. Zool zhur. 41 no 1:135-138 Ja '62.

SIBERIA, WESTERN—ORE DEPOSITS
Cretaceous and Tertiary continental formations of the southern Ural-Siberian epihercynian platform and regularities of the mineral locations in it. K. V. Nikiforova, V. N. Razumova Zakonom. razm. polezn iskop. 2: 168-182 '59.

SIBERIA, WESTERN—PARASITES—BIRDS
Fediushin, A. V. [Helminths and helminthiases of gallinaceans in Western Siberia and the Southern Urals] Gel'minty i gel'mintozy promyslovykh kurinykh ptits Zapadnoi Sibiri i IUzhnogo Urala. Omsk, 1959. 175 p. (Omsk. Sel'skokhoziaistvennyi institut. Trudy, vol. 28)

SIBERIA, WESTERN—WATER, UNDERGROUND
Garmonov, I. V., and others. [Underground waters in the south of the West Siberian Lowland and the conditions of their formation] Podzemnye vody iuga Zapadno-Sibirskoi nizmennosti i usloviia ikh formirovaniia. Moskva, Izd-vo Akad. nauk SSSR, 1961. 126 p. (Akademiia nauk SSSR. Laboratoriia gidrogeologicheskikh problem. Trudy, vol. 33)

SIBERIA, WESTERN—WATER SUPPLY
Conference on the combined use and protection of water resources in Western Siberia. N. A. Mostenko. Gidr i mel. 14 no. 3:62-64 Mr '62.

SIBERIAN PLATFORM—ALGAE, FOSSIL
Algae Conophyton Masl. G. I. Kirichenko. Trudy VSEGEI 66,55-69 '61.

SIBERIAN PLATFORM—BITUMEN
Bitumens in deposits of Iceland spar in the Siberian Platform. A. V. Skropyshev. Trudy VSEGEI 57:159-166 '61

SIBERIAN PLATFORM—JOINTS (GEOLOGY)
Joint tectonics of alkali-ultrabasic rocks and carbonatites A A. Frolov Geol rud mestorozh. no 2 48-58 Mr-Ap '62

SIBERIAN PLATFORM—PHOSPHORITES
Regularities in the distribution of Ordovician phosphorites in the southern Siberian Platform V N. Dominikovskii, V. L Librovich. Zakonom razm polezn. iskop 2 209-220 '59

SIBERIAN PLATFORM—SALT DEPOSITS
Geological and lithofacies characteristics of salt formations in the Siberian Platform. E. E. Razumovskaia. Trudy VSEGEI 66,5-20 '61.

SIDERITE see subdivision under Daghestan

SIEROZEM SOILS
(see also subdivision under Uzbekistan)
Phosphorus content of Chernozem and Sierozem soils. M Tuliahanov Visnyk sil'hosp. nauky 5 no 3:97-100 Mr '62

SIGHT see Vision

SIGMAMYCIN
Clinical use of the combined antibiotic sigmamycin (tetracycline and oleandomycin). I. G. Rufanov and others. Vest AMN SSSR 17 no. 3, 3-8 '62.

SIKHOTE-ALIN' RANGE—GEOLOGY, STRATIGRAPHIC
Stratigraphy of Upper Cretaceous and Cenozoic igneous formations in the northeastern Sikhote-Alin' Range. V. G. Plakhotnik Sov geol 5 no 3:140-148 Mr '62.

SIKHOTE-ALIN' RANGE—ROCKS, IGNEOUS
New data on the age and structure of effusives in the Kizinsk series of the northeastern Sikhote-Alin' Range V. G Plakhotnik Sov. geol 5 no. 4:120-122 Ap '62

SILANE
Investigation of the vapor pressure and vapor density of binary solutions of silane chloro derivatives. Part 4. K. M Korchemskaia and others Izv. vys. ucheb. zav., khim. i khim. tekh. 5 no. 1:65-69 '62.
Polyorganotitanosiloxanes Part 2. Cohydrolysis of bis-(acetylacetonate)dichlorotitanium and alkyl(aryl)trichlorosilanes [with summary in English]. K A. Andrianov, Sh. V. Pichkhadze, I. V. Bochkareva. Vysokom. soed. 4 no. 2 256-260 F '62.
Purification of technical methylphenyldichlorosilane obtained by catalytic dehydrocondensation. M. A. Kleinovskaia and others Plast. massy no 5:19-22 '62.
Reactivity of the vinyl group in substituted silanes in the reaction of addition to benzene under the effect of aluminum chloride K. A. Andrianov, A. A. Zhdanov, V. A Odinets. Zhur ob. khim 32 no. 4:1126-1130 Ap '62.

SILENE
Study of the reaction of the small intestine in a rabbit to the action of infusions of Silene Brahui and latifolia K O. Oralbaev. Trudy Semipal. med inst. 2:88-92 '59.

SILICA
New data on the phase diagram of the system barium oxide - silica. R. G. Grebenshchikov, N. A. Toropov Izv. AN SSSR, Otd. khim. nauk no. 4:545-553 Ap '62.
Rapid indirect method for determining silica in blast-furnace slags O. V. Datsenko Zav. lab 28 no 3,279-280 '62.

SILICA—PHYSIOLOGICAL EFFECT
Effect of lead acetate and silica on the development of experimental skin cancer. V. F. Solomina. Izv. AN Kazakh. SSR. Ser. med. i fiziol. no. 2 55-57 '61.
Experimental and clinical study of silicosis developing under the influence of aerosols in the condensation of silicon dioxide. B. T. Velichkovskii. Gig. i san. 26 no. 8:76-82 Ag '61.

SILICATE BACTERIA see Bacteria, Silicate

SILICATES
Method of measurement of diffusion coefficients in silicate melts, survey. V. I. Malkin, B. M. Mogutnov. Zav. lab. 28 no 3:291-296 '62.

SILICIC ACID
Polymers based on silicon-containing compounds of furan. Synthesis of esters of ortho-silicic acid and furfuryl alcohol. I. V. Kamenskii, I. K. Sanin, V. V. Korshak. Plast. massy no. 3:8-12 '62.

SILICON
Diffusion of phosphorus in silicon. B. I. Boltaks, N. N. Matveeva. Fiz. tver. tela 4 no 3:609-614 '62.
Exchange of experience Zav. lab. 28 no. 3:315 '62.

SILICON—ANALYSIS
Colorimetric determination of silicon in the urine [with summary in English]. V. I. Ivanov, P. A. Rozenberg. Gig truda i prof. zab. 4 no. 4:39-42 Ap '60

SILICON—ELECTRIC PROPERTIES
Effect of heat treatment on the lifetime of current carriers in silicon doped with copper. L. S. Milevskii. Fiz. tver. tela 4 no. 3:625-627 '62.

SILICON-ALUMINUM-PHOSPHORUS ALLOYS
Separate and simultaneous solubility of aluminum and phosphorus in germanium and silicon N. Kh Abrikosov, V. M Glazov, Liu Chzhen'-tuan' Zhur. neorg. khim 7 no 4:831-835 Ap '62

SILICON CARBIDE CRYSTALS
Effect of phonon entrainment in α-SiC crystals. G. A. Lomakina, IU. A Vodakov Fiz tver. tela 4 no 3: 620-622 '62

SILICON CHLORIDE
Reaction of iron with silicon tetrachloride M. I. Temina, N. G. Klinchatov Zhur neorg khim 7 no 4:743 748 Ap '62

SILICON HALIDES
Studying the efficiency of retorts of various types for the distillation of silicon halogenides. V. N. Cherninev, L. A. Nisel'son. Izv. vys. uch. zav. ; tsvet. met. 3 no. 2:135-142 '60.

SILICON HYDRIDES
Interaction of silicon hydrides with chlorobenzene in the gaseous phase as affected by the material of the reactor E A. Chernyshev, M E Dolgaia, Li Guan-lian. Zhur. prikl. khim. 35 no. 1 060-063 Ap '62.

SILICON IODIDE
Thermodynamic functions of silicon tetraiodide and zirconium tetraiodide in the gaseous state A. M Aleksandrovskaia and others Izv vys ucheb. zav ; khim i khim tekh 5 no. 1 171-172 '62.

SILICON-NIOBIUM ALLOYS see Niobium-silicon alloys

SILICON ORGANIC COMPOUNDS
Chemical treatment of glass fibers with the silicon organic ether GVS-9. Z. I. Bronshtein, N. N. Krichevskii, M. N. Krichevskaia. Plast. massy no. 4:27-32 '62.
Copolymerization of octamethylcyclotetrasiloxane and decamethylcyclopentasiloxane. S. N. Borisov, A V. Karlin, N G Sviridova. Zhur prikl khim 35 no 4 917-919 Ap '62.
Interaction of organomagnesium complexes with organosilicon esters. D N Andreev, F. V. Kukharskaia Zhur. ob. khim. 32 no 4 1352-1353 Ap '62.
Methods for the quantitative determination of silicon, phosphorus, and boron in boron-containing and phosphorus-containing organosilicon compounds. A. P. Kreshkov, D. A. Karateev, V. Fiurst. Plast. massy no. 3:63-65 '62
Organosilicon compounds. Part I Compounds containing alkoxyphenyl radicals I. I. Lapkin, T. N. Povarnitsina Zhur. ob. khim. 32 no 4 1314-1318 Ap '62
Organosilicon diesters of silicoorganic acids. D. N. Andreev, E. V. Kukharskaia. Zhur. ob. khim 32 no 4 1353-1354 Ap '62.
Phosphorus-containing organosilicon compounds. M. A. Galashina and others. Plast. massy no. 4:10-10 '62.
Preparation and properties of chloro-substituted derivatives of octamethylcyclotetrasiloxane G. V. Motsarev. Zhur prikl. khim. 35 no 4:839-842 Ap '62.
Problems of industrial hygiene in the production of silicon organic compounds [with summary in English] O. N Sytovadko Gig. truda i prof. zab no 4:22-26 '62.
Stability of Si-R bonds in γ-silicon organic acids. Methyldi (amyl)silylpropionic acid. D. N Andreev, B N. Dolgov, S. V. Buta. Zhur. ob. khim. 32 no. 4.1275-1277 Ap '62.
Use of electrostatic precipitators for the removal of solid impurities from gases in the synthesis of alkyl- and arylchlorosilanes. A. S. Sakhiev, R. S. Fraiman, M A. Korney. Plast. massy no. 4:19-21 '62.
Using organosilicon compounds to impart hydrophobic properties to heat-insulating materials made from expanded perlite sand. E. A. Lasskaia, M. G Voronkov. Zhur. prikl khim 35 no. 3:612-617 Mr '62.
Using organosilicon emulsions in the manufacture of equipment for casting thermoplastics on gypsum models. K. P. Grinevich and others. Plast. massy no. 5:39-40 '62.

SILICON ORGANIC COMPOUNDS—TOXICOLOGY
Kanarevskaia, A. A., and others. [Toxicology of new industrial chemical compounds] Toksikologiia novykh promyshlennykh khimicheskikh veshchestv. Pod red. A. A. Letavet i A. A. Kanarevskoi. Moskva, Medgiz, No. 3., [Toxicology of organosilicon compounds] Toksikologiia kremniiorganicheskikh veshchestv. 1961. 125 p.

SILICON STEEL—METALLOGRAPHY
Tertiary recrystallization of cold-rolled silicon steel [from "Journal of Metals," no. 9, 1953; "Transactions of the Metallurgical Society of AIME," no. 3, 1959]. S. D. Brik. Biul. TSIICHM no. 9:55-57 '60.

SILICOSIS see Lungs—Dust diseases

SILK—TERMINOLOGY see subdivision under China

SILLS (GEOLOGY) see subdivision under Crimea

SILOS
From practices of silos construction with assembled monolythic building blocks. V. A. Manych. Mash.-shir. prom. 28 no. 3, 42-43 Mr '62.

SILOXANES

Physical and thermal properties of polyorganosiloxanes obtained by double decomposition reaction [with summary in English]. A. I. Petrashko, K. A. Andrianov. Vysokom. soed. 4 no. 2:221-229 F '62.

Polyborodimethylsiloxanes. K. A. Andrianov, A. A. Zhdanov. Izv. AN SSSR Otd. khim. nauk no. 1 615-619 Ap '62

Polyorganotin siloxanes [with summary in English]. E. Z. Asnovich, K. A. Andrianov. Vysokom. soed. 4 no. 2 216-220 F '62.

Reactions of dimethylcyclosiloxanes with butylorthotitanates. K. A. Andrianov, Sh. V. Pichkhadze, V. V. Komarova. Izv. AN SSSR. Otd. khim. nauk no. 4 724-725 Ap '62.

Thermooxidative stability of polymethylphenylsiloxanes with different end groups. M. V. Sobolevskii and others. Plast. massy no. 4:13-16 '62.

SILT

Finding the critical drifting velocities for silt. M. Iu. Vagabov. Izv. AN Azerb. SSR. Ser. fiz.-mat. i tekh. nauk no. 1:97-105 '62.

SILVER

Amperometric titration of silver in collargol and protargol. M. K. Abramov. Apt. delo 11 no. 1 41-46 Ja-F '62.

SILVER OXIDES

Nature of selective action of a silver catalyst in the reactions of moderate oxidation. Iu. TS. Vol, N. A. Shishakov. Izv. AN SSSR. Otd. khim. nauk no. 1 586-591 Ap '62.

SILVER PLATING

Electrodeposition of silver by alternating current. N. T. Kudriavtsev, R. Iu. Bek, M. A. Gurevich. Zhur. prikl. khim. 35 no. 3 553-562 Mr '62.

SILVERSMITHING see subdivision under Georgia

SIMILE

Artistic function of the simile in the Hellenistic epic, "Argonautica" by Apollonius Rhodius [with summary in English]. N. A. Chistiakova. Vest. LGU 17 no. 8 111-120 '62.

SINGING—METHODS—JUVENILE

Lokshin, D. L., E. V. Davydova, and V. N. Shatskaia. [Singing lessons for grades 7 and 8] Uroki peniia v VII-VIII klassakh, metodicheskoe posobie dlia uchitelei peniia. Leningrad, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1962. 225 p.

SINKHOLES see subdivision under Ufa region

SINTERING

Drying granulated concentrates and sinter cake by the suction of preheated air. S. M. Anisimov, M. A. Orekhov. Izv. vys. ucheb. zav.; tsvet. met. 3 no. 2:74-78 '60

Effect of certain additions on the sintering and properties of periclase high-refractory ceramics. D. N. Poluboiarinov, R. IA. Popil'skii, TSzian Dun-khun [Chiang Tung-hua.] Ogneupory 27 no. 4 178-184 '62

Pilot-plant production of sinter with a basicity of 1.2 from Kerch ore concentrates. V. P. Onoprienko and others. Biul. TSIICHM no. 10 17-22 '60.

SINTERING—TESTING

Pilot plant testing of the sinter roasting of copper charges with a bottom blow. I. M. TSygoda and others. TSvet. met. 35 no. 3:23-30 Mr '62.

SIRAB (AZERBAIJAN)—MINERAL WATERS

Kasimov, M. S. [Sirab mineral water] Sirabskaia mineral'naia voda. Baku, Azerbaidzhanskoe gos. izd-vo, 1960. 18 p.

Sirab. M. N. Sultanov. Zdorov'e 8 no. 3:30 Mr '62.

SITOSTEROLS

Role of bile acids in the hypocholesterinemic action of β-sitosterol [with summary in English]. K. A. Meshcherskaia, G. P. Borodina. Farm. i toks. 25 no. 1:44-47 Ja-F '62.

SIVASH REGION—VEGETATION AND CLIMATE

Vegetation of flood lands of the lower Salgir and Indol in the Sivash region of the Crimea. Part 1 [with summary in English]. M. D. Skarlygina. Vest. LGU 17 no. 6:121-139 '62.

SKARNS see subdivision under Pskem Valley

SKATING

Get on your skates, . M. N. Zakhar'ova. Zdorov'e 8 no. 2:24 F '62.

SKIN

Action on the skin of corrosion inhibitors and inhibiting emulsions. K. A. Lopukhova. Gig. truda i prof. zab. 6 no. 3:43-45 Mr '62.

Bactericidal properties of the skin; survey of the literature. M. I. Rivlin. Vest. derm. i ven. no. 4:27-32 '62.

Changes in the bactericidal function of the skin and absorptive capacity of the reticulo-endothelial system under the influence of vitamin B_{12} [with summary in English]. O. V. Bukharin. Zhur. mikrobiol., epid. i immun. 33 no. 3:98-102 Mr '62.

SKIN—BLOOD SUPPLY

Restoration of some indices of the functional state of the cutaneous vessels in monkeys in the later period following radiation sickness [with summary in English] V. V. IAkovlev. Biul. eksp. biol. i med. 3[i e. 53] no. 3 34-38 Mr '62.

SKIN—CANCER

Effect of hormonal influences on Brown-Pearce metastasizing tumors. V. D. Vinogradova. Vop. onk. 8 no. 3: 77-81 '62

Effect of lead acetate and silica on the development of experimental skin cancer. V. F. Solomina. Izv. AN Kazakh. SSR. Ser. med. i fiziol. no. 2 55-67 '61.

Implantation of a Brown-Pearce tumor into the vitreous body [with summary in English] E. O. Kotelianskii. Vop. onk. 8 no. 3:106-107 '62

Occupational skin tumors induced by chemical substances [with summary in English] P. A. Bogovskii. Gig. truda i prof. zab. 4 no. 3:11-17 Mr '60.

SKIN—CARE AND HYGIENE

Kartamyshev, A. I., and V. A. Arnol'd. [Cosmetic care of the skin] Kosmeticheskii ukhod za kozhei. 2. ispr. i dop. izd. Kiev, Gos. med. izd-vo USSR, 1961. 188 p. (DNLM)

SKIN—DISEASES

(see also subdivision under Gorki)

"Action of detergents on the skin" [in German] by H. Stupel, A. Szakall. Reviewed by I. IA. Volkind. Gig. i san. 26 no. 5:122-123 My '61

[Guide book for organizing the control of venereal and infectious skin diseases] Spravochnik po organizatsii bor'by s venericheskimi i zaraznymi kozhnymi boleznfami. Pod red. N. M. Turanova i A. A. Studnitsina. Moskva, Medgiz, 1961. 164 p. (DNLM)

Leukemic disorders of the skin in childhood. M. E. Lipets, G. A. Rodionov. Arkh. pat. no. 8:71-73 '61.

Local steroid therapy of some dermatoses [with summary in English] B. IA. Kardashenko, V. E. Olisevich, M. I. Dudkin. Sov. med. 25 no. 1:125-127 Ja '62.

Measures for fulfilling the decisions of the Central Committee of the CPSU and the Council of Ministers of the U. S. S. R. of January 14, 1961 on the control of venereal and infectious skin diseases. Vest. derm. i ven. no. 6:3-9 '61.

Occupational dermatitis in the preparation of stimulin D-1 and measures for its prevention. B. I. Krasnov, L. D. Gladshtein. Gig. truda i prof. zab. no. 4:50 '62

Occupational diseases of the skin in workers of the core division at the foundry works of the I. A. Likhachev Factory. M. D. Bagnova. Gig. i san. 26 no. 5:100-102 My '61

Occupational skin diseases. B. I. Il'in. Fel'd. i akush. 27 no. 3:21-26 Mr '62.

Role of vitamins in the treatment of skin diseases. G. S. Zel'din. Med. sestra 21 no. 4 28-31 Ap '62.

S"ezd dermato-venerologov Ukrainskoi SSR, 2d, Kharkov, 1959. [Transactions of the Second Congress of Dermatovenereologists of the Ukrainian S. S. R.] Trudy. Kiev, Gos. med. izd-vo USSR, 1960. 475 p. (DNLM)

Significance of the luminescence method in the diagnosis of some dermatoses [with summary in English]. E. A. Medvedeva and others. Vest. derm. i ven. no. 6:17-20 '61.

Stomach secretion in some dermatoses and its changes during their treatment with a mixture of bromine and novocaine solutions. R. Kh. Abdusametov. Trudy Semipal. med. inst. 2:262-270 '59

Treatment of dermatological patients at the "Nemirov" Health Resort. S. I. Dovzhanskii and others. Vest. derm. i ven. no. 6:74-76 '61.

Treatment of dermatoses with homeopathic remedies [with summary in English]. K. IA. Zhuravlev. Vest. derm. i ven. no. 6:29-33 '61.

Use of "biological-gloves" in industrial plants in the Moscow and Lenin Districts of Leningrad. I. O. Shapiro, V. IA. Kutsenkov. Vest. derm. i ven. no. 6:57-59 '61.

Vitiligo-like dermatoses in workers in a phenol-formaldehyde resin works [with summary in English]. N. N. Chukanov, G. P. Babanov, A. G. Smirnov. Vest. derm. i ven. no. 4:3-8 '62.

Xeroderma pigmentosum with eye manifestations. V. G. Alekseeva. Oft. zhur. no. 2:114-116 '62

SKIN—DISEASES—CONGRESSES

Work of the First All-Russian Dermatovenereological Congress. A. A. Studnitsyn. Biul. Uch. med. sov. 3 no. 2 28-30 Mr-Ap '62.

SKIN—INNERVATION

Neurovascular reaction of the skin of some stimuli in eczema during the process of treatment. R. Abdusametov. Trudy Semipal. med. inst. 2:254-261 '59.

SKIN—MICRO-ORGANISMS

Survival of dysenteric bacteria on the skin of the hands. L. I. Matsina. Med. zhur. Uzb. no. 2:30-33 F '62.

SKIN—TRANSPLANTATION

Planning dermatoplastic operations on the head [with summary in English]. N. I. IArchuk. Vest. khir. no. 4: 75-78 '62.

Use of a stent in free skin transplantation on the eyelids. G. V. Legeza. Oft. zhur. no. 2:110-112 '62.

Vacuum therapy of trophic ulcers with simultaneous autoplastic skin transplantation. A. A. Safronov. Nov. khir. arkh. no. 3:3-8 '62.

SKIN—TUBERCULOSIS

Neglected complicated forms of skin tuberculosis. R. K. Makasheva. Zdrav Kazakh. 22 no. 2 44-47 '62.

SKIN—TUMORS

Blastomogenic action of beta rays on the skin. V. S. Turusov. Vop. onk. 8 no. 4 107-114 '62.

SKIN DIVING see Diving, Submarine

SKIS AND SKIING

(see also subdivision under Caucasus, Vologda)

If it's winter, everyone should be on skis! Sov. voin. 44 no. 1,46 Ja '62.

Rationalization of sports apparel for ski racers [with summary in English]. A. A. Minkh, IU. B. Vadkovskaia, A. A. Mitronova. Gig. i san. 27 no. 3 40-45 Mr '62

Shortcomings in the training of racing skiers. K. N. Spiridonov. Teor. i prak. fiz. kul't. 25 no. 2 23-28 F '62

Training mountain skiers to keep their balance. S. I. IAlakas. Teor. i prak. fiz. kul't. 25 no. 2 61-61 F '62

SKULL—FOREIGN BODIES

Case of protracted asymptomatic presence of a knife fragment in the cranial cavity. V. L. Boguslavskii. Sud.-med. ekspert. 5 no. 1 57 Ja-Mr '62.

SKULL—HYDATIDS

Case of echinococcosis of the skull. T. D. Dlubina, I. Kh. Satochan. Vest. rent. i rad. 37 no. 2:68 Mr-Ap '62

SKULL—WOUNDS AND INJURIES

Classification and treatment of injuries to the skull. M. A. Likhtentul. Trudy Semipal. med. inst. 2 202-216 '59

SKULLCAP (BOTANY)

Pharmacognostic study of crude skullcap scutellaria baicalensis Georgi. L. A. Khnykina. Apt. delo 11 no. 1,27-30 Ja-F '62.

SLAG

Characteristics of open hearth slags and methods for their determination. M. I. Shvaiger. Zav. lab. 28 no. 3, 259-262 '62

Coefficient of iron diffusion in molten slag. V. A. Grigorovich, Han Ch'ih-yung, E. Mikhalik. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 2:56-61 Mr-Ap '62

Effect of calcium sulfide on the phase composition of slags of the system $CaO - MgO - SiO_2$. A. V. Rudneva, A. S. Panov. Izv. AN SSSR. Otd. khim. nauk no. 4 553-557 Ap '62.

Electrolytic recovery of cobalt from molten slags. G. A. Teterin, O. A. Esin. Izv. vys. ucheb. zav.; tsvet. met. 3 no. 2:65-68 '60.

Experimental grounds for the steam granulation of waste nickel slags utilizing their physical heat for preheating the air blown into stack furnaces. Z. L. Berlin, IU. A. Bykhovskii. TSvet. met. 35 no. 4:28-33 Ap '62.

Increasing the action of fertilizers with slag. V. G. Taranovskaia. Zemledelie 24 no. 4 68-70 Ap '62

Rapid indirect method for determining silica in blast-furnace slags. O. V. Datsenko. Zav. lab. 28 no. 3:279-280 '62

SLANOV, KONSTANTIN GAVRILOVICH

Temirtaev, D. I. Kosta Slanov. Ordzhonikidze, Severo-Osetinskoe knizhnoe izd-vo, 1960. 35 p. (Masters of the arts)

(MH)

SLAUGHTERING AND SLAUGHTERHOUSES

Production design for meat combines. V. I. Riskhovskii. Trudy AZVI 9 383 '56.

SLAVERY see subdivision under Armenia

SLAVIC LANGUAGES

Akademiia nauk SSSR, Institut russkogo iazyka. [Formation of the Eastern Slavic languages] Voprosy obrazovaniia vostochnoslavianskikh iazykov. Moskva, Izd-vo Akad. nauk SSSR, 1962. 143 p.

Some problems of linguistic terminology with particular emphasis on Slavic languages. A. V. Isachenko. Izv. AN SSSR. Otd. lit. i iaz. 20 no. 1 44-53 Ja-F '61

Work of the Committees on Slavic Studies. B. L. Borkovskii. Izv. AN SSSR. Otd. lit. i iaz. 20 no. 1, 60-63 Ja-F '61.

SLAVIC LANGUAGES—PHONETICS

Origin of the Slavic phoneme "x." V. U. Martynau. Pratsy Inst. mov. AN BSSR no. 8:89-105 '61.

SLAVIC LITERATURE

Meeting held on the problems of source materials and publication of literary monuments. N. P. Pankratova. Izv. AN SSSR. Otd. lit. i iaz. 21 no. 2:182-185 Mr-Ap '62.

SLAVIC LITERATURE—HISTORY AND CRITICISM

Golenishchev-Kutuzov, I. N. [The Italian Renaissance and Slavic literature] Italianskoe Vozrozhdenie i slavianskie literatury. Moskva, 1958. 28 p. (Mezhdunarodnyi s"ezd slavistov. Doklady)

(NNC)

SLAVIC PHILOLOGY
Decisions made at the meeting of the International Committee of Slavists held in Sofia, November 11-16, 1960. Izv. AN SSSR Otd. lit. i jaz. 20 no. 1 87-88 Ja-F '61.
Problems and themes of the Fifth International Congress of Slavists. Izv. AN SSSR Otd. lit. i jaz 20 no. 1 89-93 Ja-F '61
Results of the meeting of the International Committee of Slavists held in Sofia. Izv. AN SSSR Otd. lit. i jaz. 20 no. 1 87 Ja-F '61.
Work of the Soviet Committee of Slavists in 1960 A N Robinson Izv AN SSSR Otd lit i jaz 20 no. 2 179-180 Mr-Ap '61

SLAVIC PHILOLOGY—CONGRESSES
From the Soviet Committee of Slavists. Izv. AN SSSR. Otd. lit. i jaz 21 no 2:147-156 Mr-Ap '62.

SLEEP
Bedtime callisthenics E. G Tolkachev Teor i prak. fiz. kul't. 25 no. 4 49-51 Ap '62.
How to fall asleep fast A M Vein. Zdorov'e 8 no 4 30 Ap '62
Perception and memorization of speech during natural sleep. A. M. Sviadoshch. Vop psikhol. 8 no. 1 69-80 Ja-F '62.
Study of infrared radiation and sweating in normal and sick children during sleep. N. B. TSariuk. Pat. fiziol i eksp terap 5 no 6:59-61 N-D '61

SLEEP THERAPY
Effect of sulfur-containing compounds and urea on the duration of medication sleep [with summary in English]. M. V. Korablev. Farm. i toks. 25 no. 1 47-55 Ja-F '62

SLEIGHS AND SLEDGES
Reindeer sledges and harness used by the Nentsi L. V. Khomich. Sbor muz. ant. i etn. 20:40-53 '61

SLOVAKIA—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS
The sun rises in the East Piotr Shautsou Belarus' 19 no 4:23-24 Ap '62

SLOVIK, EDWARD DONALD, 1920-1945
Two Americans Nikolai Panov Moskva 5 no 9,188-198 '61.

SLUICE GATES
Flow of water from under gates with streamlined contours of the bottom lining or deflectors I. B. Khamadov Vop gidr. no 3,84-96 '61.
Laboratory confirmation of the calculation of hydrodynamic forces acting on automatic gates. I. B. Khamadov. Vop gidr. no 3:97-103 '61.
Laboratory investigation of models of automatic hydraulic forebay regulators of the firm Neyrpic A. A. Gartung Vop. gidr. no 3:104-111 '61
Operation of pontoon dry dock gates A A. Gundobin, I. D. Kreimer. Sudostroenie 28 no. 4 65-68 Ap '62.
Peculiarities in the design of pontoon dock gates IA. A. Koperzhinskii Sudostroenie 28 no 4 56-57 Ap '62.

SMALLPOX IN ANIMALS see subdivision under Shilovo District; Volyn' Province

SMELL
Characteristics of the functional state of the olfactory, gustatory and cutaneous analysors in various age groups. E. A. Khairushev. Izv. AN Kazakh. SSR. Ser. med. i fiziol. no. 2:7-17 '61.

SMELTING—HYGIENIC ASPECTS
Hygienic characteristics of the working conditions in an electric steel smelting shop for heat-resistant alloys. R. A. Nishchii. Gig truda i prof. zab. 6 no 3:48-51 Mr '62.

SMELTING FURNACES
Advantage of using oxygen-enriched air for reverberatory smelting. A. M. Davidson Izv. vys. uchob. zav.; tsvet. met. 3 no. 2:132-134 '60.

SMOLENSK—INSURANCE, SOCIAL—EMPLOYEES
With the followers of Revda. A. Sivakov Sots. obesp 23 no. 4:10-12 Ap '62

SMOLENSK—PROSTHESIS
Communists are in the first row. A. Sivakov. Sots. obesp. 23 no 5 43-48 My '62.

SMOLENSK—VIEWS
[Views of Smolensk; an album] Vidy Smolenska [Al'bom] [Smolensk] Smolenskoe knizhnoe izd-vo, 1959. [2]p., 30 plates.
(IEN)

SMOLENSK PROVINCE—INSURANCE
All inspections have carried out the voluntary insurance plan Z. Mishchenko. Fin SSSR 23 no. 4:61-63 Ap '62

SMOLENSK PROVINCE—POTTERY
Studies of the techniques of pottery on the territory of Smolensk Province [with summary in English]. A. A Bobrinskii. Sov. etn. no. 2:31-50 Mr-Ap '62.

SMOLENSK REGION—RUSSIAN LANGUAGE—DIALECTS
"Dialects of the Smolensk region" by P. A. Rastorguev Reviewed by I. G. Golanov Izv. AN SSSR Otd. lit. i jaz. 20 no. 4, 344-346 Jl-Ag '61.

SMOLYCH, IURII, 1900-.
Piskunov, V. M. [IUrii Smolych; a critico-biographical sketch] IUrii Smolich; kritiko-biograficheskii ocherk. Moskva, Sovetskii pisatel', 1961. 202 p.

SMUTS
Effect of mineral fertilizers on the susceptibity of winter wheats to common bunt N S Efimova Trudy AZVI 9 116-118 '56
Heating seed in the sun for the control of loose smut of barley. A. P. Tyshchenko. Mikrobiol. zhur. 23 no 4: 23 '62.
Viability of a chlamydospore pathogen of corn smut — Ustilago zeae (Beirm.) Unger. F. IE. Nemlienko, I. O. Sidenko. Mikrobiol. zhur. 23 no. 6.32-37 '61.

SNAKES see subdivision under Caspian Lowland, Nura-Tau

SNOV VALLEY—PEAT BOGS
Types of peat, stratigraphy and history of the development of mesotrophic bogs in the Snov Valley [with summary in English] L. F. Kucherlava. Ukr. bot. zhur 19 no 1 100-106 '62

SNOV VALLEY—PLANT COMMUNITIES
Vegetation of mesotrophic bogs in the Snov Valley [with summary in English] L. S. Balashov. Ukr. bot. zhur. 19 no 1 94-99 '62.

SNOW
(see also subdivision under Antarctic regions)
Erosion of soil caused by snow waters in the non-Chernozem belt and measures for the regulation of snow thawing. Shi De-min [Shih Tieh-ming] Pochvovedenie no 4 16-20 Ap '62.
Investigation of the physical and mechanical properties of ice and compacted snow. G. L. Karaban. Sbor. nauch rab. AKKH no. 3:3-18 '60
Viscosity of the snow cover. A. M. El'mesov. Izv. AN SSSR Ser geofiz. no 4:562-566 Ap '62.

SNOW PLOWS
Calculating basic parameters of snow-removal machines. V. N. Denisov. Sbor. nauch. rab. AKKH no. 3:34-54 '60

SNOW REMOVAL
Increasing the effectiveness and stability of the operation of snow melters. I. A. Ivashkevich. Sbor. nauch. rab. AKKH no 3,67-79 '60.
Methods of removing compacted snow and ice from city streets. V. N Denisov Sbor. nauch. rab. AKKH no. 3: 19-33 '60.
Using chlorides for winter maintenance of city areas. A. A. Simonian, L. S. Mnukhin. Sbor. nauch. rab. AKKH no 3,55-66 '60.

SNOWDROPS
Snowdrops. V Sinadskaia. IUn. nat no 4:22-23 Ap '62

SOAKING PITS see Furnaces, Heating

SOARING (AERONAUTICS) see Gliding and soaring

SOCCER
(see also subdivision under Ukraine)
Tovarovskii, M. D. [Soccer] Futbol. Moskva, Izd-vo "Vizkul'tura i sport," 1961. 167 p.

SOCIAL—PUBLIC HEALTH NURSING
Laudable initiative. P. M. Morozov. Med. sestra 21 no 4:61-62 Ap '62.

SOCIAL CLASSES
"Social class and mental illness [in English]" by A. Hollingshead and F. Redlich. Reviewed by A. Rapoport. Zhur. nevr. i psikh. 62 no. 1:150-154 '62.

SOCIAL CONDITIONS
Different fortunes. I. Gorov. Sov. profsoiuzy 19 no. 9: 40-41 My '62.

SOCIAL GROUP WORK
(see also subdivision under Azerbaijan; Chernigov; Kazakhstan; Priozernyy District)
Our masses have become interested in cultural development. A. Popov. Kommunist 39 no. 8:88-93 My '62.

SOCIAL INTERACTION
"The communal and the private; combination of collective and personal interests during the large-scale building of communism." Reviewed by A. Uledov, G. Shcherbakov. Kommunist 39 no. 8:72-77 My '62.
New efforts of foreign sociologists to solve the problem of correlation between society and the individual. V. I. Plotnikov, I. M. Shorokhov. Nauch. dokl. vys. shkoly, filos. nauki 5 no 2:66-75 '62.

SOCIAL PROBLEMS
(see also subdivision under Great Britain; Kiev Province; Ukraine)
The power of public opinion. M. Igitkhanian. Kommunist 39 no. 8:94-103 My '62.
Struggle against loafers. V. Kim. Sots. zakon. 39 no. 3:46-48 Mr '62.

SOCIAL SCIENCE RESEARCH
(see also subdivision under Uzbekistan)
An all-Union conference of the chairmen of social science departments in the institutions of higher education. G. A. Kontukhov. Vop. ist. KPSS 6 no. 2,219-220 '62.

SOCIAL SCIENCES—BIBLIOGRAPHY see Bibliography—Social sciences

SOCIAL SURVEYS see subdivision under Voronezh Province

SOCIALIST COMPETITION
(see also subdivision under Kharkov; Leningrad, Moscow)
Aleksandrov, I. I., comp. [Soviet miners guard the peace] Sovetskie shakhtery na vakhte mira. Moskva, Ugletekhizdat, 1960, 78 p.
Fulfilling the seven-year plan in six years. A. M. Nesterova, Shvein. prom. no 1:4-5 Ja-F '62.
Pledge of the accountants' collective at the Izhevsk Plant of Ceramic Blocks. Bukhg. uchet 18 no. 3 36-37 Mr '62.
Poliakov, A. V. [Right-flank of the seven-year plan] Pravoflangovyi semiletki. Frunze, Kirgizskoe gos. izd-vo, 1960. 34 p.
Production quality and material incentives. N Fomichev. Sots trud 7 no 1:50-52 Ja '62.
Prozorov, P. A. [Northern beacon] Severnyi maiak. Moskva, Izd-vo ekon. lit-ry, 1962. 156 p.
The reader continues the discussion. N. Volynchikov and others Sov profsoiuzy 18 no. 8 16-18 '62

SOCIALIST INTERNATIONAL
Disintegration of the colonial system and bankruptcy of the socialist reformist international [with summary in English, p. 264] F. A. Gnedin. Nar Azii i Afr no 1 71-81 '62

SOCIALIST PARTIES
Ideological and political bankrupcy of present-day reformism. S. I. Popov. Nauch. dokl. vys. shkoly filos. nauki 5 no. 2:57-65 '62.
Problems of war and militarism discussed at the Congress of the Second International in Copenhagen in 1910 [with summary in English, pp. 181-182]. M. Przedecki. Nov. i noveish. ist. no. 2, 63-70 '62.

SOCIALIST PARTY see subdivision under Germany, West; Italy; Sweden

SOCIALIST REALISM
Upits, Andrejs. [Problems of socialist realism in literature, three sketches 1945-1954] Voprosy sotsialisticheskogo realizma v literature; tri ocherka 1945-1954. Riga, Latvliskoe gos. izd-vo, 1959. 005 p. (NcU)

SOCIOLOGY
New efforts of foreign sociologists to solve the problem of correlation between society and the individual. V. I. Plotnikov, I. M. Shorokhov. Nauch. dokl. vys. shkoly filos. nauki 5 no. 2:66-75 '62.

SOCIOLOGY, HISTORICAL see Historical sociology

SODIUM
Synthesis and some transformations of sulfides of the thiophene series. Report No. 6: Action of sodium in liquid ammonia on acetals of 2-ethyl- and 2-benzylmercapto-5-ethyl-3-thiophenaldehyde. IA. L. Gol'dfarb, M. A. Kalik, M. L. Kirmalova. Izv. AN SSSR, Otd. khim. nauk no. 4:701-709 Ap '62.

SODIUM—ISOTOPES
Use of radioactive sodium for the purpose of determining the permeability of the vessels in some forms of occupational diseases of the nervous system [with summary in English]. M. N. Ryzhkova and others Gig. truda i prof. zab. no 4:32-35 '62

SODIUM CARBONATES
Sorption of water vapors by the Na_2CO_3 - NaOH system M. I Klinshtornyi, D. I. Ozherel'ev. Zhur. prikl khim 35 no. 3:678-679 Mr '62.

SODIUM DICHROMATE
Quantitative determination of thallium as dichromate Report No. 3. Effect of alkali metals and ammonium on the precipitation of thallium dichromate [with summary in English]. N. I. Bashilova. Zhur. anal. khim. 17 no. 2: 190-198 Mr-Ap '62.

SODIUM HYDROXIDE
Decomposition of lanthanum fluoride with oxalic acid and sodium hydroxide [with summary in English]. E. N. Deichman, I. V. Tananaev. Zhur. anal. khim. 17 no. 2: 250-251 Mr-Ap '62.

SODIUM MOLYBDATES
Processing sodium molybdate solutions to ammonium molybdate. K. IA. Shapiro. Zhur. prikl. khim 35 no. 3. 486-491 Mr '62.

SODIUM NIOBATES
Thermal decomposition of potassium and sodium metaniobates. E. L. Krylov, L. A. Dmitriev, M. M. Strelina. Zhur. neorg. khim. 7 no 4:803-806 Ap '62.

SODIUM NITRATE—TOXICOLOGY
Effect of sodium nitrate on industrial workers. R. A. Nishchii. Gig truda i prof zab. 4 no. 4:50-52 Ap '60.

SODIUM NITRITE
Effect of sodium nitrite, nitroglycerin and papaverine on renal circulation in experimental atherosclerosis [with summary in English]. Z. T. Samoilova Farm. i toks. 25 no. 1,38-43 Ja-F '62.

SODIUM NITRITE—SPECTRA
Discrete structure of the main absorption edge in sodium nitrite. A. F. IAtsenko, IU. A. Kulupin, L. M. Rabkin Fiz. tver. tela 4 no. 3 692-696 '62.

SODIUM NITRITE—TOXICOLOGY
Changes in the blood in sodium nitrite poisoning. S. K. Kidraliev. Trudy Semipal. med. inst. 2 102-105 '59.

SODIUM PYROSULFITE
Preparation of sodium sulfite and pyrosulfite by a dry method in fluidized-bed reactors. I. G. Bliakher, A. G. Lariushkina Zhur. prikl. khim. 35 no. 3 503-511 Mr '62.

SODIUM SULFATES
Geographical distribution of principal resources of natural sodium sulfates in the U. S. S. R. and importance of the Caspian sulfate region. P. V. Zhilo. Izv. AN Azerb. SSR Ser. geol.-geog. nauk no. 6,133-141 '59.

SODIUM SULFITES
Preparation of sodium sulfite and pyrosulfite by a dry method in fluidized-bed reactors. I. G. Bliakher, A. G. Lariushkina Zhur. prikl. khim. 35 no. 3 503-511 Mr '62.

SODIUM THIOCARBONATE
Kinetics of decomposition of cellulose xanthate and of formation of sodium trithiocarbonate in viscose. R. A. Khurgina, A. B. Pakshver. Khim. volok. no. 2,25-30 '62.

SOFIA DISTRICT—DIAGNOSIS, FLUOROSCOPIC
Results of the fluorographic examination of the population of the Sofia District in the People's Republic of Bulgaria. T. Burilkov, L. Babadzhov. Probl. tub. no. 3: 9-13 '62.

SOGDIAN POTTERY see Pottery, Sogdian

SOGDIANA—HISTORY
Some data on the rulers of Bactria and Sogdiana in the 6th-7th century B. C. [with summary in English]. E. A. Monchadskaia Trudy Gos. Erm. 5:110-116 '61

SOIL, PODZOLIC see Podzol

SOIL ACIDITY
(see also subdivision under Ukraine)
Exchange acidity and the effect of the age of pine plantations on its variation in turf-Podzolic soils. I. K. Blintsov. Izv. vys. ucheb. zav., les. zhur. 4 no. 6:39-41 '61.

SOIL AERATION
Effect of a partial oxygen pressure and preliminary soil desiccation on the accumulation of nitrates E. A. Nikitina Trudy Vses. inst. sel'khoz. mikrobiol no. 14: 100-112 '58.

SOIL BINDING
Alder scrubs in western Yakutia and their role in binding the bank slopes. A. I. Utkin. Trudy Inst. lesa i drev. 50:120-124 '61.

SOIL BIOLOGY
(see also subdivision under Siberia, Eastern)
"Soil biology" by W. Kühnelt [in English]. Reviewed by B. M. Mamaev. Zool. zhur. 41 no. 2:302-304 F '62

SOIL BIOLOGY—BIBLIOGRAPHY see Bibliography—Soil biology

SOIL CHEMISTRY
Microflora and chemical composition of soils of the Ust'-Kamenogorsk Reservoir. N. K. Gulaia, M. K. Kanatchikova. Trudy Inst. mikrobiol. i virus. AN Kazakh. SSR 5:104-114 '61.

SOIL CHEMISTRY—BIBLIOGRAPHY see Bibliography—Soil chemistry

SOIL FERTILITY
Fertility of lower layers of Chestnut soil and their influence on vegetation. P. IA. Bilenko, O. A. Logvinenko. Pochvovedenie no. 4 94-102 Ap '62.
Soil is generous. R. Podol'nyi. Znan. sila 37 no. 3:2-4 Mr '62.

SOIL FERTILITY—BIBLIOGRAPHY see Bibliography—Soil fertility

SOIL FORMATION—BIBLIOGRAPHY see Bibliography—Soil formation

SOIL FREEZING
Akademiia nauk SSSR. Institut gornogo dela. [Freezing of rock during shaft sinking] Zamorazhivanie gornykh porod pri prokhodke stvolov shakht. Moskva, Izd-vo Akad. nauk SSSR, 1961. 216 p. [MICROFILM]
Theoretical bases of an optimum procedure for freezing rocks. G. I. Man'kovskii. Shakht. stroi. 6 no. 4:5-10 Ap '62.
Using vertical electric sounding for the study of seasonal freezing and thawing of grounds F. N. Leshchikov. Geol. i geofiz. no. 1 143-146 '62.

SOIL INOCULATION
Application of bacterial fertilizers as surface dressing P. K. Lampovshchikov Trudy Vses. inst. sel'khoz. mikrobiol no. 14,257-262 '58
Efficient methods of bacterizing seeds with dry phosphorobacterin. M. T. Kvaratskheliia Trudy Vses. inst. sel'khoz. mikrobiol no. 14 252-256 '58
The ratio among various groups of micro-organisms in the root system of flax and buckwheat during different developmental stages following application of the AMB bacterial fertilizer A. N. Pertseva, L. F. Vasiuk Trudy Vses. inst. sel'khoz. mikrobiol no. 14:263-274 '58.

SOIL MECHANICS
Criterion of the emergence of cases of the liquefaction of water-saturated sand. V. A. Florin Osn., fund. i mekh. grun. 3 no. 6:11-12 '61
Determining pressure in the soil under the action of its own weight varying according to height. V. G. Korotkin, D. M. Tsitsiashvili. Izv. vys. ucheb. zav., stroi. i arkhit. 5 no. 1 59-62 '62.
Distribution of sagging in loess when moistened with rainfall P. P. Zabolotnyi. Osn., fund. i mekh. grun. 3 no. 6:9 '61
"From theory to practice in soil mechanics" by Karl Terzaghi. Reviewed by I. I. Cherkasov. Osn., fund. i mekh. grun. 3 no. 6:29 '61
"Soil mechanics and foundation engineering" by V. G. Berezantsev and others Reviewed by G. K. Klein. Osn., fund. i mekh. grun. 3 no. 6:28-29 '61

SOIL MECHANICS—BIBLIOGRAPHY see Bibliography—Soil mechanics

SOIL MECHANICS—CONGRESSES
Conference on evaluating the structural properties of soil. Osn., fund. i mekh. grun. 3 no. 6:28 '61
The Fifth International Congress on Soil Mechanics and Foundation Construction. R. A. Tokar' Osn., fund. i mekh. grun. 3 no. 6:1-3 '61
Impressions of a Congress participant. I. T. Rozenkvist. Osn., fund. i mekh. grun. 3 no. 6:7 '61.
Notes on a certain session. G. P. Chebotarev. Osn., fund. i mekh. grun. 3 no. 6,5-6 '61

SOIL MECHANICS—RESEARCH
Calculation of the stability of a sand footing under a settlement plate in a mixed problem. M. I. Gorbunov-Posadov. Osn., fund. i mekh. grun. 3 no. 6:8-10 '61.

SOIL MICRO-ORGANISMS
(see also subdivision under Ust'-Kamenogorsk Reservoir)
Composition and developmental characteristics of the autochthonous microflora B thriving in humate-rich media. N. A. Movchan Trudy Vses. inst. sel'khoz. mikrobiol no. 14,75-99 '58
Effect of drainage on the microflora of forest soils. E. N. Zhdannikova, Zh. P. Popova. Trudy Inst. lesa i drev. 50:163-167 '61.
Soil micro-organisms and crop yields. T. G. Mirchink. Priroda 51 no. 4:77 Ap '62.

SOIL MICRO-ORGANISMS—BIBLIOGRAPHY see Bibliography—Soil micro-organisms

SOIL MICRO-ORGANISMS—CONGRESSES
Conference on the problem of soil micro-organisms and their role in crop yield. N. Sushkina. Pochvovedenie no. 4:103-108 Ap '62

SOIL MOISTURE
(see also subdivision under Sverdlovsk region)
Effect of a partial oxygen pressure and preliminary soil desiccation on the accumulation of nitrates. E. A. Nikitina Trudy Vses. inst. sel'khoz. mikrobiol no. 14: 100-112 '58
Effect of soil moisture on the traction power of wheeled tractors [with summaries in English, German, and French]. M. I. Pogosbekov. Vest. sel'khoz. nauki 7 no. 2:122-123 F '62.
Efficiency of using disc plow-harrows and cultivators P. G. Kulebakin, I. P. Kazakova Zemledelie 24 no. 4: 28-30 Ap '62
Evaporation and transpiration from farmlands [with summaries in English, German, and French]. A. R. Konstantinov. Vest. sel'khoz. nauki 7 no. 2:136-142 F '62.
Loss of soil moisture and moisture circulation in crop rotation [with summaries in English]. A. M. Bialyi. Pochvovedenie no. 4 7-15 Ap '62.
Soil cultivation on slopes and the infiltration of moisture [with summaries in English, German, and French]. P. S. Tregubov. Vest. sel'khoz. nauki 7 no. 2:124-128 F '62.

SOIL PERCOLATION
Analytical solution of the problem of the displacement of petroleum by water with formation of a water-oil mixture in a thin inclined layer and constant pressure drop. V. P. Pilatovskii. PMTF no. 1:143-152 Ja-F '62.
Filtration from a canal through an arbitrary demarcation line between the soil and the drainage layer. F. P. IAremchuk. Izv. vys. ucheb. zav., stroi. i arkhit. 5 no. 1 144-154 '62.
Problem concerning unsteady percolation of a liquid F. M. Mukhametzianov PMTF no. 1 154-157 Ja-F '62
Reduction of piezometric pressures in aquifers underlying soils to be drained. N. I. Gamaiunov, B. S. Sherzhukov PMTF no. 1 137-142 Ja-F '62

SOIL PHYSICS
Decrease in the porosity of soils as their depth of bedding increases A. P. Legai Izv. vys. ucheb. zav. ,gor. zhur. 5 no. 1 61-65 '62
Problem of long-term resistance of argillaceous earths in faults S. R. Meschian Izv. AN Arm. SSR, Ser. fiz.-mat. nauk 15 no. 2 161-172 '62
Root system of ironwood and soil structure. I. B. Karaev. Izv. vys. ucheb. zav., les. zhur. 4 no. 6 163-164 '61.

SOIL PHYSICS—BIBLIOGRAPHY see Bibliography—Soil physics

SOIL STABILIZATION
Some features of the process of stabilizing loess with carbamide resin mortars. M. T. Kuleev Osn., fund. i mekh. grun. 3 no. 6:15-17 '61

SOILS see subdivision under Alma-Ata Province; Nal'chik region; Tajikistan

SOILS—ANALYSIS
Flame photometric analysis [with summary in English] D. N. Ivanov Pochvovedenie no. 4 62-70 Ap '62

SOILS—BIBLIOGRAPHY see Bibliography—Soils

SOILS—FERTILIZERS AND MANURES
Mechanized introduction of an ammonia and water solution into soil. I. Pavlovskii. Tekh. v sel'khoz. 22 no. 4 20-24 Ap '62.

SOILS—MANGANESE CONTENT see subdivision under Polesye

SOILS—MICROBIOLOGY
(see also subdivision under Aral Sea region, Bogayevskiy District)
Microflora of turf-Podzolic soils tilled by different methods V. N. Beresneva, N. F. Morozova. Trudy Vses. inst. sel'khoz. mikrobiol no. 14:63-74 '58.
Sources for enriching the soil with enzymes. N. V. Peterson. Mikrobiol. zhur. 23 no. 6,5-11 '61
Use of a new type of "microfil" filters for the concentration and indication of bacteria from the air, water and soil. V. V. Vlodavets and others. Gig. i san. 27 no. 3,51-55 Mr '62.

SOILS—NITROGEN CONTENT see subdivision under Kola Peninsula

SOILS—POTASSIUM CONTENT
Reserves, distribution, and mobility of potassium in Sierozem soils of the Uzbek S. S. R. [with summary in English] P. V. Zakharchuk, U. Matkerimov. Pochvovedenie no. 4 31-39 Ap '62.

SOILS—TESTING
Direct measurements of lateral deformations of samples of soil in triaxial apparatus. V. A. IAroshenko. Osn., fund. i mekh. grun. 3 no. 6:20-21 '61
Nomogram for determining the coefficient of porosity and the volumetric weight of soil M. M. Zakharenkov. Osn., fund. i mekh. grun. 3 no. 6,25 '61.

SOILS AND CROPS see Crops and soils

SOKH VALLEY—BURIAL
The Borkorbaz burial ground, southern Fergana, Sokh River basin [with summary in English]. S. S. Sorokin. Trudy Gos. Erm. 5,117-161 '61

SOKOLOVKA REGION (KUSTANAY PROVINCE)—MINE HAULAGE
Analysis of spoil disposal by means of an excavator in the Sokolovka open-pit mine. A. A. Kadyrbaev, B. Kh. IUsupbekov. Trudy Inst. gor. dela AN Kazakh. SSR 8:59-65 '61.
Ring system of transporting overburden rocks in the Sokolovka open-pit mine B. Kh. IUsupbekov. Trudy Inst. gor. dela AN Kazakh. SSR 8:54-58 '61.

SOLAR BATTERIES
Kuleshov, V. N. [Conversion of solar energy to electric power] Preobrazovanie solnechnoi energii v elektricheskuiu; lektsiia po kursu "Energetika predpriiatii sviazi." Moskva, Vses. zaochnyi elektr. in-t sviazi, 1961. 18 p.
Studying the effect of concentrated solar energy on the service characteristics of solar (silicon) photobatteries. G. S. Daletskii and others Izv. AN Uz. SSR, Ser. fiz.-mat. nauk 6 no. 1:48-52 '62.
Studying the work of a solar thermoelectric generator at different densities of the radiation flux. B. Arazmedov. Izv. AN Turk. SSR, Ser. fiz.-tekh., khim. i geol. nauk no. 2 19-25 '62.

SOLAR ENERGY
Electric ocean. T. Zolotarev. Znan. sila 37 no. 4:4-9 Ap '62.

SOLAR RADIATION
(see also subdivision under Antarctic regions, Shakhimardan Valley)
Absorption of radio waves in the Antarctic as related to solar flares in July 1961 V. M Driatskii Inform biul Sov antark eksp no 31:40-43 '61.
Anisotropy of the angular distribution of shower particles as a function of other characteristics of showers of cosmic rays. L A San'ko Trudy Inst fiz. AN Kazakh SSR 5 88-95 '62.
μ-Meson beams in extensive air showers [with summary in English]. S. N Vernov and others. Zhur. eksp i teor. fiz 42 no 3 758-769 Mr '62
Calculation of diurnal totals of direct solar radiation incident on slopes. IU. M. Denisov. Trudy Sred.-Az. nauch -issl gidrometeor. inst. no. 6 91-94 '61.
Effect of inhomogeneous surfaces on radiation fluxes in the free atmosphere. E A Lopukhin. Trudy Sred.-Az. nauch. -issl gidrometeor. inst no 6:59-90 '61.
Multiplicity and angular distribution in showers consisting of nuclei having energies between $5 \cdot 10^{10}$ and 10^{11} ev A A. Loktionov Trudy Inst fiz AN Kazakh SSR 5 33-64 '62.
Spatial distribution of the penetrating component in extensive air showers [with summary in English] M. F Bibilashvili Trudy Inst. fiz. AN Gruz SSR 6 141-164 '58

SOLAR SYSTEM
Bogariatskii, B. A., and E. L. Ruskol ,eds. [Experimental investigation of space near the earth. Translated from the English] Eksperimental'noe issledovanie okolozemnogo kosmicheskogo prostranstva. Moskva, Izd-vo inostr. lit-ry, 1961. 277 p.

SOLDIERS—EDUCATION, NONMILITARY
Our New Year's interview Starsh. -serzh no 1 18-19 Ja '62
Proud profession M. Nikolaenko Sov voin 14 no. 4:33 F '62.

SOLDIERS—RECREATION
In the land of Beethoven. V. P. Solov'ev-Sedoi. Sov voin 44 no. 1:42 Ja '62
Rocket gunner goes on leave. P Chikov Sov. voin 44 no. 6 14-15 Mr '62.

SOLDIERS IN LITERATURE
Our New Year's interview Starsh -serzh no 1:18-19 Ja '62.
To be published in 1962. S. Borzunov. Sov. voin 44 no 1: 36 Ja '62

SOLID GEOMETRY see Geometry, Solid

SOLID SOLUTIONS see Solutions, Solid

SOLIDS
Diffusion and mechanical properties of solids B. IA. Pines. Usp fiz. nauk 76 no. 3,519-556 Mr '62
"Reactions in mixtures of solids" by P P. Budnikov, A. M. Ginstling. Reviewed by N. A. Toropov, V P. Barzakovskii Zhur prikl. khim. 35 no. 4 925-926 Ap '62.

SOLIGORSK—POTASSIUM SALTS
Fertilizer salt is on the way. R. Balandin. Znan. sila 37 no. 3:8-11 Mr '62.

SOLONETZ SOILS
Improvement of natural grasslands of complex Solonetz soils [with summaries in English, German, and French]. M. D. Konstantinov. Vest. sel'khoz. nauki 7 no 1.85-94 Ja '62.

SOLONYANSKIY DISTRICT—POTTERY, PRIMITIVE
Pottery of the Kanisirka Valley in the light of archaeological explorations in the Northern Caucasus. T. M. Minaieva. Arkheologiia 13:119-128 '61.

Simultaneous solubility of lithium and beryllium sulfates in sulfuric acid A Avirmed, L. P Reshetnikova, A V Novoselova Vest Mosk un Ser. 2 Khim 17 no. 2:17-49 Mr-Ap '62.
Solubility isotherm in the system cobalt chloride - urea - water at 20° G K. Distanov, E Kydyrmyshev. Zhur. neorg khim 7 no. 4,885-888 Ap '62
Solubility of mannitol V A Fytushenko, G V. Makhnova Zhur prikl khim 35 no. 4 747-750 Ap '62.

SOLUTION (CHEMISTRY)
Changes with time in the concentration of aqueous solutions of volatile inhibitors G. B. Rotmistrova, N. I. Kuznetsova Uch zap MGPI no 146 221-227 '60
Kinetics of iron and steel dissolution in sulfuric acid L V Bavich, S. A Balezin Uch zap MGPI no. 146 277-287 '60
Regular patterns in the process of formation of solutions of inorganic substances in water vapor. O. I. Martynova, IU. F. Samoilov Zhur. neorg. khim 7 no 4,722-726 Ap '62
Solution of aluminum in alkalies. S. A Balezin, I. I. Klimov Izv vys ucheb zav ,khim i khim tekh. 5 no 1 82-86 '62
Studying the effect of inhibitors on the rate of dissolution of aluminum and steel parts in hydrochloric acid solutions S. A Balezin, A. M Dobychina Uch zap MGPI no 116 176-182 '60.

SOLUTIONS (PHARMACY)
Duration of the usefulness of sterile solutions prepared in the pharmacy. E. M. Sheinbaum and others. Apt. delo 11 no. 1 55-56 Ja-F '62.

SOLUTIONS, SOLID
Solid soultions of sodium and potassium hydrides in their hydroxides. V. I. Mikheeva, M. M. Shkrabkina Dokl. AN SSSR 143 no. 6:1362-1363 Ap '62.

SOLVENTS
Economizing solvents in the manufacture of paint materials. I. S. Okhimenko, A. D. IAkovlev. Lakokras. mat. i ikh prim. no. 1:33-36 '62.
Effect of solvents on the formation of anion radicals, carbanions, and on hydrogen exchange between hydrocarbons A I. Shatenshtein, E. A. IAkovleva, E S. Petrov. Zhur ob khim 32 no 4 1350-1351 Ap '62
Solvents for lacquers and paints. M. M. Gol'dberg. Lakokras. mat. i ikh prim. no. 1:91-90 '62.

SOMALIA—RELATIONS (GENERAL) WITH RUSSIA
I visited Somalia [with English summary in insert]. O. Gorovoi. Az. i Afr. seg. no. 4:40-41 Ap '62.

SONAR
Depth is determined instantly. A. Grigorenko. Starsh. -serzh no. 3:23 Mr '62

SOPHORA
Alkaloids of the C_{15} series. Part 8 Separation of alkaloids of Sophora pachycarpa. A. S Sadykov, IU. K. Kushmuradov Zhur. ob. khim 32 no. 4 1345-1349 Ap '62.

SORBITOL
Sorbite. I. M. Vol'per. Zdorov'e 8 no. 3:31 Mr '62.

SORBUS see subdivision under Turkey

SORGHUM see subdivision under Caucasus, Northern

SORGHUM BREEDING
Breeding sorghum with regard to heterosis [with summary in English, German, and French] B. N. Malinovskii. Vest. sel'khoz. nauki 7 no. 2 55-63 F '62.

SORPTION
Photosorption of hydrogen on titanium dioxide. V. L. Rapoport, IU. P. Solonitsyn. Dokl. AN SSSR 143 no. 5: 1149-1151 Ap '62.
Physicochemical characteristics of the sorption dynamics bstances S. Z. Roginskii, O. M Todes. 1. 39-44 '62.
ioactive isotopes from aqueous manganese dioxide V. V. Pushkarev himia 4 no. 1, 49-54 '62.
ors by the Na_2CO_3 - NaOH system.). I. Ozherel'ev. Zhur. prikl. khim. ir '62.
f the cerebral cortex in anesthesia nglish]. Z. M. Zhevlakova. Biul. 3 no. 4:71-74 Ap '62.
ion of the parameters of a centrifugal . S. Emel'ianov, A. V. Volegov. Izv ', zhur. no. 3:143-148 '61.
F FEDOROVICH, d. 1957
sedko, D. I. Shcherbakov. Trudy i kristallokhim. red. elem. no. 2:
)VLEVICH, 1891-1959
ry. Gig. truda i prof. zab. 4
"sound of rotation" of a ship's sence of cavitation. I. A. Aleksand- i no. 1:34-41 '62.

SOUND—CONGRESSES
Fifth All-Union Conference on Acoustics B. D Tartak skii Akust. zhur. 8 no. 1 141-145 '62.

SOUND—MEASUREMENT
Measurement of backscattering of sound on an internal wave. A. N. Barkhatov, IU. N. Cherkashin Akust zh r 8 no 1 56-59 '62.

SOUND—RECORDING AND REPRODUCING
Distortions caused by the tone arm of the sound pickup and ways to reduce them. L. P Apollonova, N. D mova. Trudy VNIIZ no. 5, 34-49 '59
Sound recording. I Vinogradov. Sov. foto 22 no 4 Ap '62.

SOUND—TRANSMISSION
Propagation of finite perturbations in a medium subject to relaxation. A. L. Polikakova, S. I. Soluian, R V kh lov Akust zhur. 8 no 1, 107-112 '62
Sound transmission through a periodically inhomogeneous plate immersed in a liquid. S. A. Rybak Akust zhur. 8 no 1 113-118 '62.

SOUND EFFECTS IN THEATERS see Theaters—Sound effects

SOUND WAVES
Aeolian tones L. M Lianshev. Akust. zhur. 8 no 1 91-98 '62.
Energy of sound waves O. S. Ryzhov. Prik mat i mekh 26 no. 2,315-319 Mr-Ap '62.
Generation of flexural gravitational waves V. N Krasil'nikov. Akust. zhur. 8 no. 1:133-136 '62
Generation of magnetoacoustic waves in a rarefied plasma by a flow of charged particles. A B. Kitsenko, K N Stepanov. Zhur. tekh. fiz. 32 no. 3:303-307 Mr '62
Intensification of heat transfer by acoustic streams in the case of forced convection P N. Kubanskii Akust zhur. 8 no. 1 85-90 '62.
Note on a parametric phenomenon in acoustics N N Stepanov. Akust. zhur. 8 no. 1 139-140 '62.
Reflection of a plane sound wave from the open end of a circular pipe. S. S. Novikov, IU. S. Riazantsev Prik mat i mekh 26 no. 2,370-380 Mr-Ap '62
Refraction of flexural waves V. N. Krasil'nikov. Akust zhur. 8 no. 1,79-84 '62.
Some applications of a transitive matrix to the theory of plane waves in a system of elastic layers S A Rybak, B. D. Tartakovskii Akust zhur 8 no 1 119 123 '62.
Theory of acoustic wind G. A. Ostroumov. Akust zh r. 8 no. 1, 138-139 '62.

SOUTH AFRICA, REPUBLIC OF—COMMUNIST PARTY
"The African Communist," nos. 1-9, 1959-1962. Reviewed by E. Udal'tsov, K. Trofimov. Kommunist 39 no. 8 ,116-117 My '62.

SOUTH AFRICA, REPUBLIC OF—PERIODICALS
"The African Communist," nos. 1-9, 1959-1962 Reviewed by E. Udal'tsov, K. Trofimov. Kommunist 39 no. 8;116-117 My '62.

SOUTH AFRICA, REPUBLIC OF—TRADE UNIONS
The South African Congress of Trade Unions. Az i Afr. seg. no. 4:30-31 Ap '62.

SOUTH AMERICA—MAPS
Russia (1923- U. S. S. R.) Glavnoe upravlenie geodezii i kartografii. [Argentina, Paraguay, Uruguay, Chili, 1:5000 000] Argentina, Paraguai, Urugvai, Chili, 1:5 000 000. Moskva, Gos. izd-vo geogr. lit-ry, 19[illegible] ——— ———[Text] 1961. 36 p.

SOUTH KAZAKHSTAN PROVINCE—STOCK AND STOCK-BREEDING
Use of pregnant mare's serum as an important measure for accelerated development of livestock farming A F Tuchin. Veterinariia 37 no. 12, 15-16 D '60

SOUTH KOREA see Korea, South

SOVEREIGNS see Monarchy

SOVETSKIY DISTRICT (KRASNOYARSK TERRITORY)—PINE
Structures and growth of pine root systems on mountain slopes. L. N. Zgurovskaia. Trudy Inst. lesa i drev. 50:125-136 '61.

SOVETSKIY DISTRICT (TAJIKISTAN)—FRUIT CULTURE
Horticulture in Sovietskiy District, Tajik S S R Trudy Inst. sad. AN Tadzh. SSR 2:25-28 '60

SOVIET BLOC see Communist Countries

SOVIET CENTRAL ASIA—ALLUVIUM
Color of fluvial alluvium in Central Asia. N. I. Gritsen. Uzb. geol. zhur. 6 no. 2:46-52 '62.

SOVIET CENTRAL ASIA—CORN (MAIZE)—FERTILIZERS AND MANURES
Effectiveness of small doses of organic substances applied in organic-mineral mixtures to corn in Central Asia B. A. Upolovnikov. Agrobiologiia no. 2:240-245 Mr-Ap '62.

SOVIET CENTRAL ASIA—ECONOMIC CONDITIONS

"Bypassing the stage of capitalism, the transition of the Soviet Republics of Central Asia and Kazakhstan to socialism." Reviewed by P. P. Epifanov. Nar. Azii i Afr. no. 2:213-219 '62

International significance of the noncapitalist development of the peoples of the Soviet East. M. S. Dzhunusov. Nauch. dokl. vys. shkoly, filos. nauki 5 no. 2:42-48 '62.

SOVIET CENTRAL ASIA—EXCAVATIONS (ARCHAEOLOGY)

The exhibition "Current archaeological materials on the history of the Soviet East." Soob. Gos. Ermit. no. 21:71-73 '61.

SOVIET CENTRAL ASIA—IDOLS AND IMAGES

Materials on religious iconography of Central Asia in the pre-Islamic period [with summary in English]. I. V. D'iakonova. Trudy Gos. Ermit. 5:257-272 '61.

SOVIET CENTRAL ASIA—KARST

New materials on karst phenomena in Central Asia. N. A. Gvozdetskii. Inform. sbor. Mezhd. kom. po izuch. geol. geogr. kar. no. 1:87-94 '60.

SOVIET CENTRAL ASIA—LANDFORMS

Existence of Cretaceous insular source areas in Central Asia [with summary in English]. N. N. Verzilin. Vest. LGU 17 no. 6:140-145 '62.

SOVIET CENTRAL ASIA—LITERATURE—HISTORY AND CRITICISM

"History of the literatures of the peoples of Central Asia and Kazakhstan." Reviewed by P. Berkov. Vop. lit. 5 no. 12:200-207 D '61

SOVIET CENTRAL ASIA—METEOROLOGICAL OPTICS

Some data on the beginning of a scientific approach in the field of atmospheric optics in Central Asia. F. Zikrillaev. Trudy Sred.-Az. nauch.-issl. gidrometeor. inst. no. 6:159-163 '61.

SOVIET CENTRAL ASIA—RECLAMATION OF LAND

Gardens instead of deserts. Az. i Afr. segg. no. 4:32-33 Ap '62.

SOVIET FAR EAST—EARTH—SURFACE

Crustal structure in the transition area from the Asiatic continent to the Pacific. A. G. Gainanov, L. P. Smirnov. Sov. geol. 5 no. 3:108-116 Mr '62.

SOVIET FAR EAST—HISTORY

The failure of American and Japanese expansion on the Chinese Eastern Railways, 1922-1923. N. S. Indukaeva. Nar. Azii i Afr. no. 2:114-119 '62.

SOVIET FAR EAST—HYDROGRAPHY

First hydrographic surveyor of the Far East. A. Plakhotnik. Mor. flot 22 no. 4:30 Ap '62.

SOVIET FAR EAST—PRINTING INDUSTRY

Printing in the Far East. B. I. Rozhkov. Poligr. proizv. no. 11:11-12 N '61.

SOVIET UNION see Russia

SOVIETS

(see also subdivision under Kuybyshev Province; Moscow; Ukraine; Uzbekistan)

Brief information notes. Sov. deput. trud. no. 4:90 Ap '62.

Businesslike methods of the personnel of local soviets. Sov. deput. trud. no. 4:39-40 Ap '62.

How the deputies of the soviets carry out the mandates of their voters. N. E. Chuprakova. Sov. gos. i pravo 32 no. 5:105-107 My '62.

The Soviets as the "organs of work." V. Vasil'ev. Sov. deput. trud. no. 4 25-32 Ap '62.

We should promote public participation in the work of local soviets. K. S. Sladkov. Sov. gos. i pravo 32 no. 5:98-104 My '62.

What it means "to have free discussions at the sessions of local soviets?" Kh. Buchilan. Sov. deput. trud. no. 4:91-94 Ap '62.

SOYBEAN

Experiments in soybean cultivation in the northwestern zone of the R. S. F. S. R. [with summaries in English, German, and French]. A. P. Klykov. Vest. sel'khoz nauki 7 no. 3:46-50 Mr '62.

SPACE AND TIME

History of the watch paradox and space flights. I. Ulegla. Vop. ist. est. i tekh. no. 12:184-190 '62.

M. V. Lomonosov and evolution of the space theory. U. I. Frankfurt. Vop. ist. est. i tekn. no. 12:109-113 '62.

SPACE BIOLOGY

Danyleiko, V. I. [Life under space-flight conditions] Zhyttia v umovakh kosmichnoho pol'otu. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 70 p.

SPACE FLIGHT

Cybernetics and outer space. V. Denisov. Radio no. 4:5-8 Ap '62.

Toward the stars. Borys Palichuk. Voiov. ateist no. 4:10-14 Ap '62.

We are ready for new space flights. Iu. Gagarin. Av. i kosm. 44 no. 4:2-6 '62.

What did the first spaceflight contribute to the study of the universe. V. Dobronravov. Av. i kosm. 44 no. 4:20-27 '62.

SPACE FLIGHT TRAINING

Will to win. L. Riabchikov. Av. i kosm. 11 no. 4:10-19 '62

SPACE LAW

Akademiia nauk SSSR. Komissiia po pravovym voprosam mezhplanetnogo prostranstva. [Outer space and international law, collected articles] Kosmos i mezhdunarodnoe pravo; sbornik statei. Moskva, Izd-vo In-ta mezhdunarodnykh otnoshenii, 1962. 181 p.

Demilitarization and neutralization of outer space. G. P. Zhukov. Sov. gos. i pravo 32 no. 5:62-72 My '62.

Kovalev, F. N., and I. I. Cheprov. [Toward space law] Na puti k kosmicheskomu pravu. Moskva, Izd-vo In-ta mezhdunarodnykh otnoshenii, 1962. 178 p.

"Toward space law" by F. I. Kovalev, I. I. Cheprov. Reviewed by A. P. Movchan. Sov. gos. i pravo 32 no. 5:143-145 My '62.

SPACE MEDICINE

Danyleiko, V. I. [Life under space-flight conditions] Zhyttia v umovakh kosmichnoho pol'otu. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 70 p.

Space medicine has risen another step. V. Parin. Av. i kosm. 44 no. 4:28-31 '62

SPACE SCIENCES

Research on the upper layers of the atmosphere and space goes on, the latest findings of Soviet artificial satellites. Priroda 51 no. 4:15-16 Ap '62.

SPACE SCIENCES—BIBLIOGRAPHY see Bibliography—Space sciences

SPACE VEHICLES—ABSTRACTS

[Rocket engineering and space flight equipment] Ref. zhur. Otd. vyp. 41: Raket. tekh. i npp. kosm. pol. nos 7-8, 10 Ap-My '62.

SPACES, GENERALIZED

Limit of a uniformly convergent sequence of compact mappings of a metric space onto a local compact space is a closed mapping. A. D. Taimanov. Sib. mat. zhur. 3 no. 2:310-311 Mr-Ap '62.

Limiting functions of series associated with bases of L_p space. A. A. Talalian. Mat. sbor. 55 no. 3:353-374 Mr '62

Orispheric radial parts of Laplace operators on symmetric spaces. F. I. Karpelevich. Dokl. AN SSSR 143 no. 5:1034-1037 Ap '62.

Representations of Boolean algebras and measurable spaces. V. G. Vinokurov. Mat. sbor. 56 no. 3:375-391 Mr '62.

SPAIN—CIVIL WAR, 1936-1939

Reminiscences on the national revolutionary war of the Spanish people [with summary in English, p. 182]. Enrique Lister. Nov. i noveish. ist. no. 2:80-90 '62.

SPAIN—MOTION-PICTURE PLAYS

Talented motion pictures; Spain, 1961. Carlos Vivas. Iskusstvo kino no. 4:125-126 Ap '62.

SPAIN—POLITICS AND GOVERNMENT

Significance of Spanish events. Luis Balaguer. Nov. vrem. 20 no. 23:15-16 Je '62.

Spain is still alive and her people continue their struggle. J. Saiz, I. R. Mendieta. Mezhdunar. zhizn' 9 no. 5:45-51 My '62.

SPAIN—STRIKES AND LOCKOUTS

Significance of Spanish events. Luis Balaguer. Nov. vrem. 20 no. 23:15-16 Je '62.

SPAIN—WORLD WAR, 1939-1945

Operation "Isabella." Voen.-ist. zhur. 4 no. 4:89-93 Ap '62.

SPANISH AMERICA see Latin America

SPARK-EROSION MACHINING see Electric metal cutting

SPECTROSCOPE

Problem of spectroscopic measurements of ion energies in ZETA instruments. A. N. Zaidel', O. V. Konstantinov, G. M. Malyshev. Zhur. tekh. fiz. 32 no. 3:370-372 Mr '62.

SPECTRUM, ATOMIC

Isotopic displacement of spectral lines and the compressibility of deformed nuclei [with summary in English]. E. E. Fradkin. Zhur. eksp. i teor. fiz. 42 no. 3:787-798 Mr '62.

SPECTRUM, X-RAY

The technique of X-ray spectrographic analysis. G. A. Bellaeva, A. V. Anikin. Izv. AN Turk. SSR, Ser. fiz.-tekh., khim. i geol. nauk no. 2:116-120 '62.

SPECTRUM ANALYSIS

Elimination of the effect of the composition of the substance on the results of the quantitative spectral analysis [with summary in English]. G. I. Kibisov, N. P. Antropov. Zhur. anal. khim. 17 no. 2:155-158 Mr-Ap '62.

Experimental study of stimulated radiation from a gas mixture [with summary in English]. V. K. Ablekov. Zhur. eksp. i teor. fiz. 42 no. 3:736-739 Mr '62

Increase in the sensitivity of emission spectrum analysis using information on the line contour. V. V. Nalimov, V. V. Nedler, N. A. Arakel'ian. Zav. lab. 28 no. 3:324-326 '62

Spectral study of the composition of industrial dust. I. N. Anikin, N. I. Shamonova. Gig. truda i prof. zab. no. 1:51 '62.

Use of molecular spectrum analysis in bacteriology and immunology. V. M. Vladimov. Zhur. mikrobiol., epid. i immun. 33 no. 3:3-8 Mr '62

SPECTRUM ANALYSIS—BIBLIOGRAPHY see Bibliography—Spectrum analysis

SPEECH

Time delays in letter-by-letter recording of vowels by a human observer. R. O. Akkin, IU. A. Klaas, I. A. Chistovich. Akust. zhur. 8 no. 1:24-33 '62.

We should try to develop the speech of students with each lesson. L. Tamasheva. Nar. asv. no. 3:32-35 Mr '62.

SPEEDOMETERS

Inertialess electric speedometer. B. I. Mikhailov. Priborostroenie no. 4:19-20 Ap '62.

SPEEDWELL see subdivision under Carpathian Mountain region

SPERANSKII, ALEKSEI DMITRIEVICH, 1888-1961

Aleksei Dmitrievich Speranskii (1888-1961). Pat. fiziol. i eksp. terap. 5 no. 6:89-90 N-D '61

SPHEROSIDERITE see subdivision under Zeravshan Valley

SPHINXES see subdivision under Leningrad

SPIDERS see subdivision under Turkmenistan

SPILLWAYS

(see also subdivision under Narva region)

Calculation of broad-crested spillways. Z. I. Riadova. Vop. gidr. no. 3:5-11 '61.

Deformation of the stream on a spillway of practical design. D. A. Mamedov. Izv. AN Azerb. SSR, Ser. fiz.-mat. i tekh. nauk no. 6:157-161 '61.

Increasing the capacity of a broad-crested spillways. N. M. Mamedov. Izv. AN Azerb. SSSR, Ser. fiz.-mat. i tekh. nauk no. 6:149-156 '61.

Method of joining reinforced concrete slabs for a flexible apron. I. S. Kuvykin. Gidr. stroi. 32 no. 4:47-48 Ap '62.

SPINAL CORD

Effect of hyperthyroidism in pregnancy on the development of fetal spinal cord structures [with summary in English]. N. G. Palenova. Biul. eksp. biol. i med. 53 no. 4:111-115 Ap '62.

Morphological changes in the meninges of the spinal cord in closed injury to the spine in an experiment. D. G. German. Zdravookhranenie 5 no. 1:38-42 Ja-F '62.

Pseudounipolar neurons of the spinal cord in anterior and posterior roots [with summary in English]. P. A. Matevkin. Biul. eksp. biol. i med. 53 [i.e. 53] no. 3:105-109 Mr '62.

SPINAL CORD—INNERVATION

Effect of strychnine on the activity of individual internuncial neurons of the spinal cord [with summary in English]. V. P. Lebedev. Biul. eksp. biol. i med. 53 no. 1:7-11 Ap '62.

Effect of the hypothalamic region on the dynamics of spinal reflexes in rabbits after total-body X-ray irradiation [with summary in English]. Z. M. Gvozdikova. Pat. fiziol. i eksp. terap. 5 no. 3:15-21 N-D '61.

SPINAL CORD—TUMORS

Smirnov, L. I. [Tumors of the brain and spinal cord] Opukholi golovnogo i spinnogo mozga. Moskva, Medgiz, 1962. 186 p. (DNLM)

Spinal cord tumor and pregnancy. V. A. Gusev. Sbor. nauch. rab. Kaf. akush. i gin. GMI no. 1:50-52 '60.

SPINAL CORD—WOUNDS AND INJURIES

Role of trauma in the genesis of spinal shock. F. A. Orekhuk. Fiziol. zhur. 48 no. 3:309-313 Mr '62.

SPINAL NERVES see Nerves, Spinal

SPINE—ABNORMITIES AND DEFORMITIES

Anomalies of the lumbosacral segment of the spine in urolithiasis. A. M. Nian'kovskii. Urologiia no. 6:57-59 '61.

SPINE—BLOOD SUPPLY

Anomaly of the vertebral artery. I. M. Turetskii. Trudy Semipal. med. inst. 2:153-156 '59.

SPINE—DISEASES

Acute osteomyelitis of the spine. E. F. Gabarets. Zdravookhranenie 5 no. 1:60-62 Ja-F '62.

SPINE—SURGERY

Evaluation of the late results of osteoplastic fixation of the spine in children and adolescents using auto- and homotransplants [with summary in English]. E. K. Nikiforova. Vest. khir. no. 4:55-60 '62.

SOLAR RADIATION
(see also subdivision under Antarctic regions, Shakhlmardan Valley)
Absorption of radio waves in the Antarctic as related to solar flares in July 1961. V. M Driatskii Inform biul Sov antark. eksp no 31 40-43 '61.
Anisotropy of the angular distribution of shower particles as a function of other characteristics of showers of cosmic rays. L A. San'ko. Trudy Inst fiz. AN Kazakh SSR 5 88-95 '62.
μ-Meson beams in extensive air showers [with summary in English] S N Vernov and others Zhur eksp i teor fiz 42 no 3 758-769 Mr '62
Calculation of diurnal totals of direct solar radiation incident on slopes. IU. M. Denisov. Trudy Sred.-Az. nauch.-issl gidrometeor. inst. no. 6 91-94 '61.
Effect of inhomogeneous surfaces on radiation fluxes in the free atmosphere E A Lopukhin. Trudy Sred.-Az. nauch.-issl. gidrometeor inst. no. 6 59-90 '61.
Multiplicity and angular distribution in showers consisting of nuclei having energies between $5 \cdot 10^{10}$ and 10^{14} ev. A A. Loktionov Trudy Inst fiz fiz AN Kazakh SSR. 5 33-64 '62
Spatial distribution of the penetrating component in extensive air showers [with summary in English]. M F Bibilashvili Trudy Inst fiz. AN Gruz SSR 6 141-164 '58

SOLAR SYSTEM
Bogartatskii, B. A., and E. L. Ruskol, eds. [Experimental investigation of space near the earth. Translated from the English] Eksperimental'noe issledovanie okolozemnogo kosmicheskogo prostranstva Moskva, Izd-vo inostr. lit-ry, 1961. 277 p.

SOLDIERS—EDUCATION, NONMILITARY
Our New Year's interview. Starsh -serzh no. 1:18-19 Ja '62
Proud profession. M. Nikolaenko Sov voin 44 no. 4:33 F '62.

SOLDIERS—RECREATION
In the land of Beethoven. V. P. Solov'ev-Sedoi. Sov voin 44 no 1 42 Ja '62
Rocket gunner goes on leave. P Chikov Sov voin 44 no 6 14-15 Mr '62.

SOLDIERS IN LITERATURE
Our New Year's interview. Starsh -serzh. no 1 18-19 Ja '62
To be published in 1962 S. Borzunov Sov. voin 44 no. 1: 36 Ja '62

SOLID GEOMETRY see Geometry, Solid

SOLID SOLUTIONS see Solutions, Solid

SOLIDS
Diffusion and mechanical properties of solids B. IA. Pines Usp fiz nauk 76 no. 3:519-556 Mr '62
"Reactions in mixtures of solids" by P P. Budnikov, A M. Ginstling. Reviewed by N A Toropov, V P Barzakovskii Zhur. prikl. khim 35 no 4 925-926 Ap '62.

SOLIGORSK—POTASSIUM SALTS
Fertilizer salt is on the way. R. Balandin. Znan. sila 37 no. 3:8-11 Mr '62.

SOLONETZ SOILS
Improvement of natural grasslands of complex Solonetz soils [with summaries in English, German, and French] M. D. Konstantinov Vest sel'khoz nauki 7 no. 1 85-94 Ja '62.

SOLONYANSKIY DISTRICT—POTTERY, PRIMITIVE
Pottery of the Kantsirka Valley in the light of archaeological explorations in the Northern Caucasus. T. M. Minaieva. Arkheologiia 13:119-128 '61.

SOLUBILITY
Akademiia nauk SSSR. Institut nauchnoi informatsii. [Manual on solubility] Spravochnik po rastvorimosti. Moskva, Izd-vo Akad. nauk SSSR.
Vol 1. [Binary systems] Binarnye sistemy. Book 2 1962. 1959 p.
Calculated solubility isotherms in eutonic-type systems. F. M. Perel'man Zhur neorg. khim. 7 no 4:896-899 Ap '62.
Change of solubility in the series of alkali metal salts. V. P. Vasil'ev, V. N. Vasil'eva. Izv. vys. ucheb. zav., khim. i khim. tekh. 5 no. 1:12-16 '62.
Determination of the pH of the beginning of dissolution and of the product of yttrium hydroxide activities. P. N. Kovalenko, O. I. Geiderovich. Izv. vys. ucheb. zav., khim. i khim. tekh. 5 no. 1:58-61 '62.
Effect of organic inhibitors on the electrode potential of steel S. A. Balezin, E. V. Bogatyreva. Uch zap. MGPI no 146:159-169 '60
Effect of thiourea on the solution of steel in sulfuric acid A. I. Fil'ko Uch zap MGPI no 146:82-91 '60
Investigating the solubility of chromium, molybdenum, and tungsten in aluminum by the microhardness method. V. N. Virdorovich, V. M. Glazov, N. N. Glagoleva. Izv. vys. ucheb. zav.; tsvet. met. 3 no. 2:143-146 '60.
Relation between relative volatility and mutual solubility. G. V. Seriakov, L. A. Nisel'son. Zhur. prikl. khim 35 no. 3 482-486 Mr '62.
Simultaneous solubility of lithium and beryllium sulfates in sulfuric acid. A. Avirmed, L. P. Reshetnikova, A V Novoselova. Vest. Mosk. un. Ser. 2, Khim 17 no. 2 47-49 Mr-Ap '62
Solubility isotherm in the system cobalt chloride - urea - water at 20° G. K. Distanov, E. Kydyrmyshev Zhur. neorg khim 7 no 4:865-868 Ap '62
Solubility of mannitol V A. Evtushenko, G V. Makhnova. Zhur. prikl khim 35 no 4 747-750 Ap '62

SOLUTION (CHEMISTRY)
Changes with time in the concentration of aqueous solutions of volatile inhibitors G B Rotmistrova, N. I Kuznetsova Uch zap. MGPI no. 146 221-227 '60
Kinetics of iron and steel dissolution in sulfuric acid. L V Bavich, S A Balezin Uch zap MGPI no 146 277-287 '60
Regular patterns in the process of formation of solutions of inorganic substances in water vapor O I Martynova, IU F. Samoilov Zhur neorg khim 7 no 4:722-728 Ap '62
Solution of aluminum in alkalies S. A. Balezin, I I Klimov Izv vys ucheb zav, khim i khim. tekh. 5 no 1 82-86 '62
Studying the effect of inhibitors on the rate of dissolution of aluminum and steel parts in hydrochloric acid solutions S. A Balezin, A M. Dobychina Uch zap MGPI no 146 176-182 '60

SOLUTIONS (PHARMACY)
Duration of the usefulness of sterile solutions prepared in the pharmacy. E. M. Sheinbaum and others. Apt. delo 11 no. 1 55-56 Ja-F '62.

SOLUTIONS, SOLID
Solid solutions of sodium and potassium hydrides in their hydroxides V. I. Mikheeva, M. M. Shkrabkina Dokl AN SSSR 143 no. 6:1362-1363 Ap '62

SOLVENTS
Economizing solvents in the manufacture of paint materials I. S. Okhrimenko, A. D. IAkovlev. Lakokras. mat. i ikh prim no. 1 33-36 '62,
Effect of solvents on the formation of anion radicals, carbanions, and on hydrogen exchange between hydrocarbons. A I Shatenshtein, E. A. IAkovleva, E S Petrov Zhur ob khim. 32 no. 4 1350-1351 Ap '62.
Solvents for lacquers and paints. M. M. Gol'dberg. Lakokras. mat. i ikh prim. no. 1:81-90 '62.

SOMALIA—RELATIONS (GENERAL) WITH RUSSIA
I visited Somalia [with English summary in insert]. O. Gorovoi. Az. i Afr. seg. no. 4:40-41 Ap '62.

SONAR
Depth is determined instantly. A. Grigorenko. Starsh -serzh no. 3:23 Mr '62

SOPHORA
Alkaloids of the C_{15} series Part 8. Separation of alkaloids of Sophora pachycarpa. A S. Sadykov, IU K. Kushmuradov. Zhur. ob. khim. 32 no 4 1345-1349 Ap '62.

SORBITOL
Sorbite. I. M. Vol'per. Zdorov'e 8 no. 3 31 Mr '62.

SORBUS see subdivision under Turkey

SORGHUM see subdivision under Caucasus, Northern

SORGHUM BREEDING
Breeding sorghum with regard to heterosis [with summary in English, German, and French]. B. N Malinovskii. Vest. sel'khoz. nauki 7 no. 2:55-63 F '62.

SORPTION
Photosorption of hydrogen on titanium dioxide. V. L. Rapoport, IU. P. Solonitsyn. Dokl. AN SSSR 143 no. 5. 1140-1141 Ap '62.
Physicochemical characteristics of the sorption dynamics of radioactive substances. S. Z. Roginskii, O. M. Todes. Radiokhimiia 4 no. 1:39-44 '62.
Sorption of some radioactive isotopes from aqueous solutions by active manganese dioxide. V. V Pushkarev and others. Radiokhimiia 4 no. 1:49-54 '62.
Sorption of water vapors by the Na_2CO_3 - NaOH system M. I Kliashtornyi, D. I. Ozherel'ev. Zhur. prikl. khim. 35 no 3:676-679 Mr '62.
Sorptive properties of the cerebral cortex in anesthesia [with summary in English]. Z. M. Zhevlakova. Biul. eksp. biol. i med. 53 no. 4:71-74 Ap '62.

SORTING DEVICES
Analytical determination of the parameters of a centrifugal vibrating sorter. V. S. Emel'ianov, A. V. Volegov. Izv. vys. ucheb. zav., gor. zhur. no. 3 143-148 '61.

SOSEDKO, ALEKSANDR FEDOROVICH, d. 1957
In memory of A. F. Sosedko. D. I. Shcherbakov. Trudy Inst. min., geokhim. i kristallokhim. red. elem. no. 2: 332-333 '59.

SOSNOVIK, IL'IA IAKOVLEVICH, 1891-1959
I. IA. Sosnovik; obituary. Gig. truda i prof. zab. 4 no 3:63 Mr '60.

SOUND
Physical nature of the "sound of rotation" of a ship's propeller in the presence of cavitation. I. A. Aleksandrov. Akust zhur. 8 no. 1:34-41 '62.

SOUND—CONGRESSES
Fifth All-Union Conference on Acoustics. B D. Tartakovskii Akust zhur. 8 no. 1, 141-145 '62.

SOUND—MEASUREMENT
Measurement of backscattering of sound on an internal wave. A N Barkhatov, IU. N Cherkashin. Akust zhur. 8 no 1 56-59 '62.

SOUND—RECORDING AND REPRODUCING
Distortions caused by the tone arm of the sound pickup and ways to reduce them. L. P. Apollonova, N. D Shamova. Trudy VNAIZ no. 5, 34-40 '59
Sound recording. I. Vinogradov. Sov foto 22 no 4 38 Ap '62.

SOUND—TRANSMISSION
Propagation of finite perturbations in a medium subject to relaxation. A L. Poliakova, S I. Soluian, R. V. Khokhlov. Akust zhur. 8 no. 1 107-112 '62
Sound transmission through a periodically inhomogeneous plate immersed in a liquid. S A. Rybak Akust zhur 8 no. 1 113-118 '62

SOUND EFFECTS IN THEATERS see Theaters—Sound effects

SOUND WAVES
Aeolian tones. L. M Lamshev Akust. zhur 8 no. 1 91-98 '62.
Energy of sound waves O. S. Ryzhov Prik mat i mekh. 26 no 2:315-319 Mr-Ap '62.
Generation of flexural gravitational waves V. N. Krasil'nikov. Akust. zhur. 8 no. 1 133-136 '62
Generation of magnetoacoustic waves in a rarefied plasma by a flow of charged particles. A B Kitsenko, K. N. Stepanov. Zhur. tekh. fiz. 32 no. 3:303-307 Mr '62.
Intensification of heat transfer by acoustic streams in the case of forced convection P. N. Kubanskii. Akust zhur 8 no. 1 85-90 '62.
Note on a parametric phenomenon in acoustics N. S. Stepanov. Akust zhur. 8 no 1 139-140 '62.
Reflection of a plane sound wave from the open end of a circular pipe. S. S. Novikov, IU. S. Riazantsev Prik mat. i mekh. 26 no. 2, 376-380 Mr-Ap '62
Refraction of flexural waves. V. N. Krasil'nikov Akust. zhur 8 no. 1 79-84 '62.
Some applications of a transitive matrix to the theory of plane waves in a system of elastic layers. S. A Rybak, B. D. Tartakovskii Akust zhur. 8 no. 1:119-123 '62.
Theory of acoustic wind. G. A Ostroumov. Akust. zhur 8 no. 1, 130-139 '62.

SOUTH AFRICA, REPUBLIC OF—COMMUNIST PARTY
"The African Communist," nos. 1-9, 1959-1962. Reviewed by E Udal'tsov, K. Trofimov. Kommunist 39 no. 8 116-117 My '62.

SOUTH AFRICA, REPUBLIC OF—PERIODICALS
"The African Communist," nos. 1-9, 1959-1962. Reviewed by E. Udal'tsov, K. Trofimov. Kommunist 39 no 8:116-117 My '62.

SOUTH AFRICA, REPUBLIC OF—TRADE UNIONS
The South African Congress of Trade Unions. Az. i Afr. seg. no. 4:30-31 Ap '62.

SOUTH AMERICA—MAPS
Russia (1923- U. S. S. R.) Glavnoe upravlenie geodezii i kartografii. [Argentina, Paraguay, Uruguay, Chili; 1:5000 000] Argentina, Paragvai, Urugvai, Chili; 1:5 000 000. Moskva, Gos. izd-vo geogr. lit-ry, 1961.
——— ——— [Text] 1961. 36 p.

SOUTH KAZAKHSTAN PROVINCE—STOCK AND STOCK-BREEDING
Use of pregnant mare's serum as an important measure for accelerated development of livestock farming. A F Tuchin. Veterinariia 37 no. 12, 15-16 D '60

SOUTH KOREA see Koren, South

SOVEREIGNS see Monarchy

SOVETSKIY DISTRICT (KRASNOYARSK TERRITORY)—PINE
Structures and growth of pine root sytems on mountain slopes. L. N. Zgurovskaia. Trudy Inst. lesa i drev. 50:125-136 '61.

SOVETSKIY DISTRICT (TAJIKISTAN)—FRUIT CULTURE
Horticulture in Sovietskiy District, Tajik S S R Trudy Inst. sad. AN Tadzh. SSR 2:25-28 '60

SOVIET BLOC see Communist Countries

SOVIET CENTRAL ASIA—ALLUVIUM
Color of fluvial alluvium in Central Asia. N. I. Gridnev. Uzb. geol. zhur. 6 no. 2:48-52 '62.

SOVIET CENTRAL ASIA—CORN (MAIZE)—FERTILIZERS AND MANURES
Effectiveness of small doses of organic substance applied in organic-mineral mixtures to corn in Central Asia. B. A. Upolovnikov. Agrobiologiia no 2:240-245 Mr-Ap '62

SOVIET CENTRAL ASIA—ECONOMIC CONDITIONS

"Bypassing the stage of capitalism, the transition of the Soviet Republics of Central Asia and Kazakhstan to socialism." Reviewed by P. P. Epifanov. Nar. Azii i Afr no. 2 213-210 '62

International significance of the noncapitalist development of the peoples of the Soviet East. M.S. Dzhunusov. Nauch. dokl. vys. shkoly, filos. nauki 5 no. 2, 42-48 '62.

SOVIET CENTRAL ASIA—EXCAVATIONS (ARCHAEOLOGY)

The exhibition "Current archaeological materials on the history of the Soviet East." Sonb Gos Erm. no 21: 71-73 '61.

SOVIET CENTRAL ASIA—IDOLS AND IMAGES

Materials on religious iconography of Central Asia in the pre-Islamic period [with summary in English]. I. V. D'iakonova Trudy Gos Erm. 5 257-272 '61.

SOVIET CENTRAL ASIA—KARST

New materials on karst phenomena in Central Asia N. A. Gvozdetskii. Inform. sbor. Mezhd. kom. po izuch. geol. geogr. kar. no. 1:87-94 '60.

SOVIET CENTRAL ASIA—LANDFORMS

Existence of Cretaceous insular source areas in Central Asia [with summary in English] N. N. Verzilin. Vest. LGU 17 no. 6, 140-146 '62.

SOVIET CENTRAL ASIA—LITERATURE—HISTORY AND CRITICISM

"History of the literatures of the peoples of Central Asia and Kazakhstan." Reviewed by P. Berkov. Vop lit. 5 no 12:200-207 D '61.

SOVIET CENTRAL ASIA—METEOROLOGICAL OPTICS

Some data on the beginning of a scientific approach in the field of atmospheric optics in Central Asia. F. Zikrillaev. Trudy Sred.-Az. nauch.-issl. gidrometeor. inst. no. 6, 159-163 '61.

SOVIET CENTRAL ASIA—RECLAMATION OF LAND

Gardens instead of deserts. Az. i Afr. seg. no. 4 32-33 Ap '62.

SOVIET FAR EAST—EARTH—SURFACE

Crustal structure in the transition area from the Asiatic continent to the Pacific. A. G. Gainanov, L. P. Smirnov. Sov. geol. 5 no. 3:108-118 Mr '62.

SOVIET FAR EAST—HISTORY

The failure of American and Japanese expansion on the Chinese Eastern Railways, 1922-1923. N. S. Indukaeva. Nar. Azii i Afr. no. 2:114-119 '62.

SOVIET FAR EAST—HYDROGRAPHY

First hydrographic surveyor of the Far East. A. Plakhotnik. Mor. flot 22 no. 4:36 Ap '62

SOVIET FAR EAST—PRINTING INDUSTRY

Printing in the Far East. B. I. Rozhkov. Poligr. proizv. no. 11:11-12 N '61.

SOVIET UNION see Russia

SOVIETS

(see also subdivision under Kuybyshev Province, Moscow; Ukraine; Uzbekistan)

Brief information notes. Sov. deput. trud. no. 4:98 Ap '62.

Businesslike methods of the personnel of local soviets. Sov. deput. trud. no. 4, 39-40 Ap '62.

How the deputies of the soviets carry out the mandates of their voters. N. E. Chuprakova. Sov. gos. i pravo 32 no. 5:105-107 My '62.

The Soviets as the "organs of work." V. Vasil'ov. Sov. deput. trud. no. 4:26-32 Ap '62.

We should promote public participation in the work of local soviets. K. S. Sludkov. Sov. gos. i pravo 32 no. 6: 98-104 My '62.

What it means "to have free discussions at the sessions of local soviets?" Kh. Burchilan. Sov. deput. trud. no. 4:01-04 Ap '62.

SOYBEAN

Experiments in soybean cultivation in the northwestern zone of the R. S. F. S. R. [with summaries in English, German, and French]. A. P. Klykov. Vest. sel'khoz nauki 7 no. 3:45-50 Mr '62.

SPACE AND TIME

History of the watch paradox and space flights. I. Ulegla. Vop. ist. est. i tekh. no. 12:104-109 '62.

M. V. Lomonosov and evolution of the space theory. U. I. Frankfurt. Vop. ist. est. i tekh. no. 12:109-118 '62.

SPACE BIOLOGY

Danylenko, V. I. [Life under space-flight conditions] Zhyttia v umovakh kosmichnoho pol'otu. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 70 p.

SPACE FLIGHT

Cybernetics and outer space. V. Denisov. Radio no. 4: 5-6 Ap '62.

Toward the stars. Borys Palilchuk. Volov. ateist no. 4: 10-14 Ap '62.

We are ready for new space flights. Iu. Gagarin. Av. i kosm. 44 no. 4:2-5 '62.

What did the first spaceflight contribute to the study of the universe. V. Dobronravov Av. i kosm. 11 no. 4 26-27 '62.

SPACE FLIGHT TRAINING

Will to win. I. Rialchikov Av. i kosm. 44 no. 4:10-19 '62

SPACE LAW

Akademiia nauk SSSR. Komissiia po pravovym voprosam mezhplanetnogo prostranstva. [Outer space and international law; collected articles] Kosmos i mezhdunarodnoe pravo; sbornik statei. Moskva, Izd-vo In-ta mezhdunarodnykh otnoshenii, 1962. 181 p.

Demilitarization and neutralization of outer space. G. P. Zhukov. Sov. gos. i pravo 32 no. 5:62-72 My '62.

Kovalev, F. N., and I. I. Cheprov. [Toward space law] Na put' k kosmicheskomu pravu. Moskva, Izd-vo In-ta mezhdunarodnykh otnoshenii, 1962. 176 p.

"Toward space law" by F. I. Kovalev, I. I. Cheprov. Reviewed by A. P. Movchan Sov. gos. i pravo 32 no. 5: 143-145 My '62.

SPACE MEDICINE

Danylenko, V. I. [Life under space-flight conditions] Zhyttia v umovakh kosmichnoho pol'otu. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 70 p.

Space medicine has risen another step. V. Parin. Av. i kosm. 44 no. 4 20-31 '62

SPACE SCIENCES

Research on the upper layers of the atmosphere and space goes on, the latest firings of Soviet artificial satellites. Priroda 51 no. 4, 15-16 Ap '62.

SPACE SCIENCES—BIBLIOGRAPHY see Bibliography—Space sciences

SPACE VEHICLES—ABSTRACTS

[Rocket engineering and space flight equipment] Ref. zhur. Otd. vyp. 41: Raket. tekh. i app. kosm. pol. nos 7-8, 10 Ap-My '62.

SPACES, GENERALIZED

Limit of a uniformly convergent sequence of compact mappings of a metric space onto a local compact space is a closed mapping A. D. Taimanov Sib. mat. zhur. 3 no. 2 310-311 Mr-Ap '62.

Limiting functions of series associated with bases of L_p space A. A. Talalian Mat. sbor. 56 no. 3:353-374 Mr '62

Orlspheric radial parts of Laplace operators on symmetric spaces. F. I. Karpelevich. Dokl. AN SSSR 143 no. 5 1034-1037 Ap '62.

Representations of Boolean algebras and measurable spaces V. G. Vinokurov. Mat. sbor. 56 no. 3 375-391 Mr '62.

SPAIN—CIVIL WAR, 1936-1939

Reminiscences on the national revolutionary war of the Spanish people [with summary in English, p. 102]. Enrique Lister. Nov. i novelsh. ist. no. 2:80-90 '62.

SPAIN—MOTION-PICTURE PLAYS

Tainted motion pictures; Spain, 1961. Carlos Vivas. Isk. kino no. 4:125-120 Ap '62

SPAIN—POLITICS AND GOVERNMENT

Significance of Spanish events. Luis Balaguer. Nov. vrem. 20 no. 23 15-16 Je '62.

Spain is still alive and her people continue their struggle. J. Saiz, I. R. Mendieta. Mezhdunar. zhizn' 9 no. 5: 45-51 My '62.

SPAIN—STRIKES AND LOCKOUTS

Significance of Spanish events. Luis Balaguer. Nov. vrem. 20 no. 23:15-16 Je '62.

SPAIN—WORLD WAR, 1939-1945

Operation "Isabella." Voen.-ist. zhur. 4 no. 4:89-93 Ap '62.

SPANISH AMERICA see Latin America

SPARK-EROSION MACHINING see Electric metal cutting

SPECTROSCOPE

Problem of spectroscopic measurements of ion energies in ZETA instruments. A. N. Zaidel', O. V. Konstantinov, G. M. Malyshev. Zhur. tekh. fiz. 32 no. 3:370-372 Mr '62.

SPECTRUM, ATOMIC

Isotopic displacement of spectral lines and the compressibility of deformed nuclei [with summary in English]. E. E. Fradkin. Zhur. eksp. i teor. fiz. 42 no. 3, 787-798 Mr '62.

SPECTRUM, X-RAY

The technique of X-ray spectrographic analysis. G. A. Bellaeva, A. V. Anikin. Izv. AN Turk. SSR, Ser. fiz.-tekh., khim. i geol. nauk no. 2:118-120 '62.

SPECTRUM ANALYSIS

Elimination of the effect of the composition of the substance on the results of the quantitative spectral analysis [with summary in English]. G. I. Kibisov, N. P. Antropov. Zhur. anal. khim. 17 no. 2:155-158 Mr-Ap '62.

Experimental study of stimulated radiation from a gas mixture [with summary in English] V. K. Ablekov Zhur. eksp. i teor. fiz. 42 no. 3 736-739 Mr '62.

Increase in the sensitivity of emission spectrum analysis using information on the line contour V. V. Nalimov, V. V. Nedler, N. A. Aravelian Zav. lab. 28 no. 3 324-329 '62.

Spectral study of the composition of industrial dust I. N. Amiton, N. I. Shamonova Gig. truda i prof. zab. no. 1 51 '62.

Use of molecular spectrum analysis in bacteriology and immunology V. M. Vadinov Zhur. mikrobiol., epid. i immun. 33 no. 3:3-8 Mr '62

SPECTRUM ANALYSIS—BIBLIOGRAPHY see Bibliography—Spectrum analysis

SPEECH

Time delays in letter-by-letter recording of vowels by a human observer R. O. Alekin, Iu. A. Klaas, L. A. Chistovich Akust. zhur. 8 no. 1 26-33 '62

We should try to develop the speech of students with each lesson I. Tumashova Nar. obr. no. 3 32-35 Mr '62

SPEEDOMETERS

Inertialess electric speedometer B. I. Mikhailov. Priborostroenie no. 4 19-20 Ap '62.

SPEEDWELL see subdivision under Carpathian Mountain region

SPERANSKII, ALEKSEI DMITRIEVICH, 1888-1961

Aleksei Dmitrievich Speranskii (1888-1961). Pat. fiziol. i eksp. terap. 5 no. 6:89-90 N-D '61.

SPHEROSIDERITE see subdivision under Zeravshan Valley

SPHINXES see subdivision under Leningrad

SPIDERS see subdivision under Turkmenistan

SPILLWAYS

(see also subdivision under Narva region)

Calculation of broad-crested spillways. Z. I. Rindova. Vop. gidr. no. 3:5-11 '61

Deformation of the stream on a spillway of practical design. D. A. Mamedov Izv. AN Azerb. SSR, Ser. fiz.-mat. i tekh. nauk no. 6, 157-164 '61.

Increasing the capacity of a broad-ramp spillways. N. M. Mamedov Izv. AN Azerb. SSR, Ser. fiz.-mat. i tekh. nauk no. 6:140-156 '61

Method of joining reinforced concrete slabs for a flexible apron. I. S. Kovykin Gidr. stroi. 32 no. 4:47-48 Ap '62.

SPINAL CORD

Effect of hyperthyroidism in pregnancy on the development of fetal spinal cord structures [with summary in English]. N. G. Palenova. Biul. eksp. biol. i med. 53 no. 4:111-115 Ap '62.

Morphological changes in the meninges of the spinal cord in closed injury to the spine in an experiment. D. G. German Zdravookhranenie 5 no. 1:38-42 Ja-F '62

Pseudounipolar neurons of the spinal cord in anterior and posterior roots [with summary in English]. P. A. Matavkin. Biul. eksp. biol. i med. 3[1 e. 53] no. 3 105-109 Mr '62

SPINAL CORD—INNERVATION

Effect of strychnine on the activity of individual intermuncial neurons of the spinal cord [with summary in English]. V. P. Lebedev. Biul. eksp. biol. i med. 53 no. 4:7-11 Ap '62.

Effect of the hypothalamic region on the dynamics of spinal reflexes in rabbits after total-body X-ray irradiation [with summary in English]. Z. M. Gvozdikova. Pat. fiziol. i eksp. terap. 5 no. 6:15-21 N-D '61.

SPINAL CORD—TUMORS

Smirnov, L. I. [Tumors of the brain and spinal cord] Opukholi golovnogo i spinnogo mozga. Moskva, Medgiz, 1962. 186 p. (DNLM)

Spinal cord tumor and pregnancy. V. A. Gusev. Sbor. nauch. trab. Kaf. nkush. i gin. GMI no. 1 50-52 '60.

SPINAL CORD—WOUNDS AND INJURIES

Role of trauma in the genesis of spinal shock. F. A. Orsaliuk. Fiziol. zhur. 48 no. 3:309-313 Mr '62.

SPINAL NERVES see Nerves, Spinal

SPINE—ABNORMITIES AND DEFORMITIES

Anomalies of the lumbosacral segment of the spine in urolithiasis. A. M. Nianikovskii. Urologiia no. 6:57-59 '61.

SPINE—BLOOD SUPPLY

Anomaly of the vertebral artery. I. M. Turetskii. Trudy Semipal. med. inst. 2:153-156 '60.

SPINE—DISEASES

Acute osteomyelitis of the spine. E. P. Gabarets. Zdravookhranenie 5 no. 1:60-62 Ja-F '62.

SPINE—SURGERY

Evaluation of the late results of osteoplastic fixation of the spine in children and adolescents using auto- and homotransplants [with summary in English]. E. K. Nikiforova. Vest. khir. no. 4:55-60 '62.

SPINE—WOUNDS AND INJURIES
Morphological changes in the meninges of the spinal cord in closed injury to the spine in an experiment. D. G. German. Zdravookhranenie 5 no. 1,38-42 Ja-F '62

SPINEL GROUP see subdivision under Penzhina District

SPINNING
Mechanizing the conveying operations in spinning mills L. M. Zmiev. Mekh i avtom proizv 16 no 3 20-25 Mr '62

SPINNING MACHINERY
(see also subdivision under Barnaul)
Technological and design characteristics of a bobbin holder for warping from cakes IU. A. Mazov, IU. M. Makarov. Khim volok no 2:54-56 '62

SPINNING MACHINERY—TESTING
Some problems in the wear-out of spindles M. I. Khudykh. Tren i izn. mash. no 15 141-151 '62.

SPIROCHETOSIS see subdivision under Lenin District (Osh Province)

SPLEEN
Acute gastric obstruction caused by complete relaxation of the left half of the diaphragm with transposition of the stomach, spleen and left lobe of the liver into the thoracic cavity A. T. Grebennikova, V. R. Ermolaev Khirurgiia 37 no 7 87-90 Jl '61
Effect of the spleen on some metabolic processes under normal physiological and pathological conditions [with summary in English] L. I. Geller Vop. med. khim. 8 no 2:155-162 Mr-Ap '62.
Importance of the spleen in endogenous iron metabolism [with summary in English]. T. V. Migina Pat. fiziol i eksp. terap. 5 no. 6,44-47 N-D '61.
Reflexes from the sinocarotid zone on venous pressure and blood deposition in the spleen I. P. Krichevskaia, E. G. Skipina. Izv. AN Kazakh SSR. Ser. med i fiziol. no. 1:95-99 '61

SPLEEN—HERNIA
Spontaneous rupture of the spleen. A. A. Akselrod. Zdravookhranenie 5 no 1:21-24 Ja-F '62

SPLEEN—INNERVATION
Effect of lycorine alkaloid on the interoceptors of vessels of the spleen, intestines and hind leg A. A. Altymyshev. Trudy Semipal. med. inst 2 67-71 '59

SPLEEN—RADIOGRAPHY
Shishkin, V. P., and P. N. Mazaev. [Splenoportography] Splenoportografiia. Moskva, Medgiz, 1962. 186 p. (DNLM)

SPLEEN—SURGERY
Surgical treatment of splenogenic cirrhosis of the liver [with summary in English]. IU. M. Lubenskii Khirurgiia 37 no. 7 85-87 Jl '61
Testicular hyaluronidase activity following splenectomy S. A. Seleznev. Trudy Semipal. med. inst. 2 72-76 '59

SPODUMENE
Interaction of minerals containing rare alkaline elements with salts and oxides during sintering and melting. Part 8 Reactions taking place in the interaction of spodumene with a mixture of calcium carbonate and chloride V. E. Plyushchev, I. V. Shakhno, L. P. Shklover Izv. vys. ucheb. zav., khim. i khim. tekh. 5 no. 1:133-140 '62

SPORADIC E (IONOSPHERE)
Diurnal variation of drift velocities in the E_s layer O. Ovezgel'dyev, L. P. Korsunova. Izv. AN Turk. SSR Ser. fiz.-tekh., khim. i geol. nauk no. 2 116-118 '62.

SPORES (BOTANY), FOSSIL see subdivision under Yenisey Ridge

SPORTS
(see also subdivision under Brest; Ukraine)
Muscovite champions. A. Fierovskii. Moskva 5 no 9: 221-223 '61.
New extended sports program. V. I. Romashkin. Teor. i prak. fiz. kul't. 25 no. 3:23-25 Mr '62.
"Success in sports, theory and practice in greater accomplishments". Parts 1 and 2 By L. Prokop and F. Rossner [in German]. Reviewed by L. P. Matveev, L. S. Kaganov. Teor. i prak. fiz. kul't. 25 no. 4 63-66 Ap '62.

SPORTS—ABSTRACTS
Research abroad abstracts of articles. V. M. Zatsiorskii. Teor. i prak. fiz. kul't. 25 no. 2:53-56 F '62.

SPORTS—BIBLIOGRAPHY see Bibliography—Sports

SPORTS—PHILOSOPHY
Existentialism and an idealistic "Sports sociology." A. A. Frenkin. Teor. i prak. fiz. kul't. 25 no 3:55-57 Mr '62.

SPORTS—PHYSIOLOGICAL ASPECTS
Analyzing the aiming posture for pistol shooting. M. A. Dzhaferov Teor. i prak. fiz. kul't. 25 no. 4:41-44 Ap '62
Joint meeting of the Presidium of the All-Union and Ukrainian Federation of Sports Medicine devoted to the effect of high training loads on the athlete's body. O. V. Kachorovskaia. Teor. i prak. fiz. kul't. 25 no3:75-77 Mr '62.
Problems in sports biochemistry N. N. IAkovlev Teor. i prak. fiz. kul't 25 no. 4 6-9 Ap '62.
Ratio of general to specialized procedures in the training of athletes (physiological basis) A. V. Korobkov. Teor. i prak. fiz. kul't. 25 no. 4.21-28 Ap '62.

SPORTS FOR WOMEN
Changes in the active body mass and fat reserve in female gymnasts during training courses of different intensity J. Parizkova. Teor. i prak fiz. kul't 25 no. 4 37-40 Ap '62

SPORTS MEDICINE
(see also subdivision under Germany, East, Yugoslavia)
Letunov, S. P., and R. E. Motylianskaia. [Sports and the heart] Sport i serdtse. Moskva, Izd-vo "Fizkul'tura i sport," 1961. 39 p. (Bibliotechka sportsmena)
Medical-pedagogical supervision and cooperation of the doctor, trainer and athlete in training and competition. S. P. Letunov. Teor. i prak. fiz. kul't. 25 no 4.26-33 Ap '62
Portable apparatus for recording certain physiological human functions under natural conditions of work and sports A. V. Dokvadze Teor. i prak. fiz. kul't 25 no 2 76-77 F '62

SPRAY PAINTING—HYGIENIC ASPECTS
Hygienic characteristics of working conditions in the case of electrostatic spray painting [with summary in English] R. A. Medved', N. V. Seredinina Gig. truda i prof. zab. 4 no 6 7-11 Je '60.

SPRAYING AND DUSTING
Use of aerosols in fighting carriers of cutaneous leishmaniasis. E. B. Kerbabaev and others. Zdrav. Turk. 6 no 1 29-31 Ja-F '62.

SPRAYING AND DUSTING EQUIPMENT
Hose-type mounted PShN-165 sprayer. V. I. Vishnevskii. Trakt. i sel'khozmash. 32 no. 4 41-42 Ap '62.

SPRING see subdivision under Komandorskiye Islands; Moscow Province; Russia, Northern; White Russia

SPRINGS (MECHANISM)
Accuracy of parallelogram-shaped spring suspensions A. S. Valedinskii Izm. tekh no 4 13-14 Ap '62.
Hydrogen embrittlement of steel springs subjected to pickling. S. B. Anisimov, IA. M. Vinets, A. M. Shirshova. Av. prom. 26 no. 8 62-65 '57.

SPRINGS (MECHANISM)—TESTING
Device for testing helical and flat springs for instruments. IU. V. Miloserdin, IU. G. Lakin, B. A. Blosfel'd. Metod. isp. det. i mat. mash. i prib. no. 1:58-65 '61.
Device for testing spiral precision springs. B. A. Blosfel'd, IU. V. Miloserdin, IU. G. Lakin Metod. isp. det. i mat. mash. i prib. no. 1:17-57 '61.

SPRUCE
(see also subdivision under Latvia)
Viability of young spruce growth in cutovers worked by the use of runner trees V. D. Kasimov. Les. khoz. 15 no. 4:30-32 Ap '62.

SPRUCE—DISEASES AND PESTS see subdivision under Carpathian Mountains

SPUTNIKS see Artificial satellites

SPUTTERING (PHYSICS)
Anisotropy of cathode sputtering of a copper monocrystal as a function of its temperature. V. E. IUrasova, V. M. Bukhanov. Kristallografiia 7 no. 2:257-260 Mr-Ap '62.

SQUARES, LEAST see Least squares

SQUIRRELS see subdivision under Pechoro-Ilych Preserve

STABILITY
Necessary and sufficient conditions of stability, semistability, and instability of a limited cycle and some of their applications V. F. Tkachev. Mat. sbor. 56 no. 3 281-300 Mr '62.

STABILITY OF SHIPS
Contents of the published information on the stability of an average fishing trawler V. Sushkevich. Mor. flot 22 no. 2:22-23 F '62.

STACK ACCESS IN LIBRARIES see Open and closed shelves

STAGE FRIGHT
Attempt at the physiological study of stage fright [with summary in English]. Khristo Khristozov. Vop. psikhol. 8 no. 1:143-147 Ja-F '62.

STALIN, IOSIF, 1879-1953
Objectives of scholarly research in the field of party history and the decisions of the 22d Congress of the CPSU. P. N. Pospelov. Vop. ist. KPSS 6 no. 2,9-25 '62.

STALINABAD see Dushanbe

STALINGRAD see Volgograd

STALINGRAD, BATTLE OF, 1942-1943
"Stalingrad, notes of the commanding general of the front" by A. I. Eremenko Reviewed by S. P. Ivanov. Voen.-ist. zhur. 4 no 1:99-105 Ja '62

STALINGRAD HYDROELECTRIC POWER STATION see Volga Hydroelectric Power Station (22d Congress of the CPSU)

STALINGRAD PROVINCE see Volgograd Province

STALINO PROVINCE see Donetsk Province

STAMMERING
A miracle without miracles. R. Naidenovskaia. Nova no. 3,214-215 '62.

STANDARDIZATION
(see also subdivision under Leningrad Province; Minsk)
Determining the economic efficiency of standards and norms. B. D. Rabinovich. Standartizatsiia 26 no. 4 3-8 Ap '62.
From technical periodicals. L. S. Povarennykh. Standartizatsiia 26 no. 4,60-62 Ap '62.
Improve the development of standardization in the merchant marine. Standartizatsiia 26 no. 4-52-53 Ap '62.
Seminar on standardization at the Exhibition of the Achievements of the National Economy of the U.S.S.R. M. A. Sirotin. Standartizatsiia 26 no. 4-53-56 Ap '62.
Seminars on standardization in Saratov and Volgograd. Standartizatsiia 26 no. 4-57-58 Ap '62.

STANDARDS, ENGINEERING
Collected State Standards. Standartizatsiia 26 no. 4. 62-64 Ap '62.

STANDARDS, MILITARY
Under the canopy of the Red Banner N. Biryshev. Voen. znan. 38 no 4:21-22 Ap '62

STANISLAV ECONOMIC REGION—INDUSTRIES
Main problems in the future development of the productive forces of the Lvov and Stanislav Economic Regions, Ukrainian S.S.R. A. M. Baranova'kyi. Pyt. rozv. prod. syl L'viv. i Stan. ekon. adm. rai. no. 2:5-13 '61.

STANISLAV ECONOMIC REGION—LUMBERING
Main ways for developing the lumbering and woodworking industries in the Stanislav Economic Region. V. O. Lincheva'ka, P. V. Romanov. Pyt. rozv. prod. syl L'viv. i Stan. ekon. adm. rai no. 2:101-107 '61.
Main ways to utilize the timber resources of the Carpathian Mountains. V. P. Chekin, IE. IA. Oksentiuk. Pyt. rozv. prod. syl L'viv. i Stan. ekon. adm. rai. no. 2: 108-112 '61.

STANISLAV ECONOMIC REGION—MACHINERY INDUSTRY
Some problems in the further development of machinery manufacturing in the Lvov and Stanislav Economic Regions. M. N. Kovalenko. Pyt. rozv. prod. syl L'viv. i Stan. ekon. adm. rai. no. 2 33-38 '61.

STANISLAV ECONOMIC REGION—WOODWORKING INDUSTRIES
Main ways for developing the lumbering and woodworking industries in the Stanislav Economic Region. V. O. Lincheva'ka, P. V. Romanov. Pyt. rozv. prod. syl L'viv. i Stan. ekon. adm. rai. no. 2:101-107 '61.

STANISLAV PROVINCE—ANTIQUITIES
Burial mound of the "Noa" Culture in Stanislav Province. E. A. Balahuri. Arkheologiia 13,145-154 '61.

STANISLAV PROVINCE—BRONZE AGE
Burial mound of the "Noa" Culture in Stanislav Province. E. A. Balahuri. Arkheologiia 13-145-154 '61.

STANISLAV PROVINCE—WATER CHESTNUT
Water chestnuts in fishponds. L. S. Abramovich Visnyk sil'hosp. nauky 5 no. 3:46-49 Mr '62.

STANISLAVSKII, KONSTANTIN SERGEEVICH, 1863-1938
"Art of the actor in the terms and definitions of K. S. Stanislavskii; a textbook for drama schools" Reviewed by G. Kryzhitskii. Teatr 23 no. 5:147-148 My '62.

STAPHYLOCOCCAL DISEASE
Control of the pathogenic staphylococcal carrier state [with summary in English]. T. V. Golosova and others. Zhur. mikrobiol., epid. i immun. 33 no. 3:118-122 Mr '62.
Effect of staphylococcal intoxication on the morphology of the cortex and subcortical formations in the central nervous system of dogs. M. Aleksandrovskaia. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. no. 6:174-182 '61
Morphological changes of the central nervous system and penicillin therapy in staphylococcal infections. M. M. Aleksandrovskaia. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. no. 6:183-191 '61.
Staphylococcal pneumonia in radiation injury [with summary in English]. O. I. Bazan. Arkh. pat. no. 8:32-36 '61.

STAPHYLOCOCCUS
Material on the examination of the organs of a corpse in legal medicine role of staphylococci and streptococci in certain infectious diseases Z. M. Shakhmalieva Sud.-med. ekspert 5 no. 1,25-27 Ja-Mr '62.
Study of staphylococcal toxin formation by the method of diffusion precipitation in comparison with pathogenic signs [with summary in English] N. V Karnitskaia Zhur. mikrobiol., epid. i immun. 33 no 3 33-35 Mr '62

STAPHYLOCOCCUS ALBUS
Study of the arginase activity of a toxigenic strain of Staphylococcus albus in vitro and in the process of cultivation [with summary in English]. M. V. Smirnova and others. Vop med. khim. 8 no 2:181-186 Mr-Ap '62

STARCH
Improve the operations of the starch and molasses industry. M E Borman Sakh. prom. 35[i e 36] no.2 1-5 F '62

STARCH INDUSTRY
Scientific and technical conference on improving the quality and widening the assortment of starch products Sakh. prom. 35[i e 36] no 2 58-61 F '62.

STARCH INDUSTRY—COSTS
Pay more attention to the problems of lowering the costs of starch products. P M. Bel Sakh prom 35[i. e 36] no. 2,52-55 F '62

STAREVICH, VLADISLAV ALEKSANDROVICH
Fifty years of work Isk. kino no. 4:140 Ap '62.

STAROBIN REGION—CARNALLITE
Some mineralogical characteristics of carnallite from the potassium salt deposit of Starobin. IU I Lupinovich Dokl. AN BSSR 6 no. 4:247-250 Ap '62.

STARS
Two new Wolf-Rayet stars. S P. Apriamashvili Astron. tsir no 222 2 My '61

STARS—OBSERVATIONS see subdivision under Shemakha (Azerbaijan)

STARS, DOUBLE
Elements of the photometric orbit of SX Cassiopeiae A M Shul'berg Astron. tsir. no 222:23-25 My '61

STARS, NEW
Nova Sagittarii 1960 S. P. Apriamashvili Astron. tsir no 222:1-2 My '61
Observations of Nova Herculis 1960 in Khabarovsk. V. N. Pyshnenko Astron tsir. no 222 10-11 My '61.

STARS, VARIABLE
Elements of some variable stars. G. V. Kukkin Astron tsir no 222:25-26 My '61.

STARS, VARIABLE—SPECTRA
Distribution of energy in the spectra of α Lyrae, α Aquilae and α Ophiuchi given in absolute units A. V Kharitonov Astron tsir no. 222 20-23 My '61

STARVATION
Oxidative phosphorylation in rat liver homogenates following a brief fasting [with summary in English]. G. S. Kitavin, Shen' Ven'-mei [Shën Wën-mei]. Vop. med. khim. 8 no. 2:210-213 Mr-Ap '62.

STARYY MULTAN—HISTORY
Shatenshtein, L. S. [The Multan affair, 1802-1806] Multanskoe delo, 1802-1806 gg. Izhevsk, Udmurtskoe knizhnoe izd-vo, 1960. 70 p. (MH)

STATE FARMS see subdivision under Bukhara Province; Groznyy Province; Virgin Territory

STATE FARMS—ACCOUNTING see subdivision under Crimea

STATE FARMS—COSTS
How to calculate production costs on state farms? D. G. Vasil'ev. Uchet i fin. v kolkhoz i sovkhoz. 19 no. 4: 23-27 Ap '62.

STATE FARMS—FINANCE
(see also subdivision under Krasnodar Territory; Krasnoyarsk Territory)
Don't confuse a clear issue. V. N. Chepeliuk. Uchet i fin. v kolkhoz i sovkhoz. 19 no. 4:20-22 Ap '62.
Improving the preparation of the indices of financial plans on state farms. S. Azov Ekon. sel'khoz. 33 no. 2: 113-118 F '62.
It is impossible to agree with this. M. S. Vershinin. Uchet i fin. v kolkhoz i sovkhoz. 19 no. 4:18-19 Ap '62.
What hinders business accounting in a brigade. S. N. Barinov. Uchet i fin. v kolkhoz i sovkhoz. 19 no. 4: 16-17 Ap '62.

STATE FARMS—MANAGEMENT
Equal to the occasion. V. Beliaev. Sov. profsoiuzy 18 no. 8:45 '62.
State farm funds. V. A. Lipatova. Uchet i fin. v kolkhoz i sovkhoz. 19 no. 4:38-41 Ap '62.

STATES, NEW—POLITICS
Ge, V. N. [New page of history; toward a national democratic state] Novaia stranitsa istorii, na putiakh k gosudarstvu natsional'noi demokratii. Moskva, Izd-vo "Znanie," 1962. 45 p. (Novoe v zhizni, nauke, tekhnike. I Seriia: Istoriia, no. 1)

STATISTICS
Application of the principle of averaging to quasilinear parabolic systems of the second order S. D. Eidel'man Sib. mat. zhur 3 no 2 302-307 Mr-Ap '62

STATISTICS, MATHEMATICAL see Mathematical statistics

STATISTICS, MEDICAL see Medical statistics

STAVROPOL TERRITORY—AGRICULTURAL ADMINISTRATION
Specific guidance and businesslike methods are the most important conditions of agricultural administration V. Tolstov. Part. zhizn' no 9 32-36 My '62.

STAVROPOL TERRITORY—FRUIT CULTURE
Effect of parental varieties on the transmission of features to progeny in horticultural crops P. V. Kuznetsov. Agrobiologiia no 2 228-233 Mr-Ap '62

STAVROPOL TERRITORY—WHOLESALE TRADE
A depot improved its work A. TSukerman. Sov. potreb. koop. 6 no. 4 20-21 Ap '62

STEAM
Sorption of water vapor on molecular sieves. G. V. TSitsishvili and others Soob. AN Gruz. SSR 28 no. 1: 17-24 Ja '62

STEAM BOILERS see Boilers

STEAM BOILERS, MARINE see Boilers, Marine

STEAM-ENGINES, MARINE see Marine engines

STEAM-SEPARATORS
Small-size wet steam separator. V. I. Kozlovskii, G. A Malyshev Sudostroenie 28 no. 4 28-31 Ap '62

STEAM TURBINES
Adjustment of VPT-25-3 turbine pressure regulators. Van Ke-chzhi, [Wang K'e-chin]. Energetik 10 no. 4: 19-21 Ap '62.
Assembly of turbine units and auxiliary equipment of the machine hall G. I. Khatetovskii, E. V. IUshkevich Energ. stroi. no. 24 60-64 '61.
Calculation of the efficiency of steam turbine systems with presence of changes in the thermal network V. V. Frolov. Izv. vys. ucheb. zav., energ. 5 no. 4 43-48 Ap '62.
Effect of the deviation from static autonomy conditions on the control dynamics of turbines with steam tap-off. V. A. Ivanov Izv. vys. ucheb. zav., energ. 5 no 3,60-66 Mr '62.
Kinematic systems of steam distribution in turbines. I. P. Speryah. Energomashinostroenie 8 no 4:14-17 Ap '62.
Sealing of steam-turbine tube plates. G. A. Mendeleev. Energetik 10 no. 4 21 Ap '62.
"Thermal design of steam turbines" by G. A. Zal'f, V. V. Zviagintsev. Reviewed by Kh. L. Babenko. Energomashinostroenie 8 no. 4,44-45 Ap '62.

STEAM TURBINES—BLADES
Design of the working blades of the last stages of high capacity steam turbines. L. A. Shubenko-Shubin, S. P. Sobolev, V. F. Poznakhirev. Energomashinostroenie 8 no. 4:5-10 Ap '62.

STEAM TURBINES—DESIGN AND CONSTRUCTION see subdivision under Ural Mountain region

STEAM TURBINES—TESTING
Testing turbine stage models in moisturized air. R. M. IAblonik. Teploenergetika 9 no. 5:47-50 My '62.

STEAMPIPES—TESTING
Concerning the modernization of the SLP-2 steeloscope. P. M. Skorokhodov. Energetik 10 no 4.32-33 Ap '62.

STEARIC ACID
Interaction of oleic and stearic acids with metal oxides I. T. Teranenko. Zhur. prikl. khim. 35 no. 4 922-924 Ap '62.

STEEL
Change in the properties of low carbon steel in response to long heating. I. A. Oding, P. V. Zubarev. Dokl. AN SSSR 143 no. 5:1082-1084 Ap '62.
Effect of organic inhibitors on the electrode potential of steel. S. A. Balezin, E. V. Bogatyreva. Uch. zap. MGPI no. 146 159-169 '60
Effect of thiourea on the solution of steel in sulfuric acid. A. I. Fil'ko Uch zap. MGPI no 146:82-91 '60
Simultaneous effect of urotropine and potassium iodide on the rate of steel dissolution in sulfuric acid. S. A. Balezin, L. M. Zhuravlev. Uch. zap. MGPI no. 146:199-201 '60
Voinov, S. G., and A. G. Shalimov. [Steel for ball bearings] Sharikopodshipnikovaia stal'. Moskva, Metallurgizdat, 1962. 480 p.

STEEL—ANALYSIS
Determination of nickel in steels by differential photometry. V. F. Barkovskii, I. N. Vtorygina Zav. lab. 28 no. 3:275-276 '62

Effect of manganese and sulfur content on the formation of hot cracks N V Perkhurov Lit. proizv. no 4: 45-46 Ap '62
Layer by layer determination of nitrogen in nitrided steel. R. A. Savel'eva. Trudy TSNII MPS no 227 34-36 '62.

STEEL—BRITTLENESS
Effect of a cyclic load on the cold-short threshold of carbon steel I. A. Oding, A. G. Nikonov, T. S Martianovskaia. Dokl. AN SSSR 143 no. 6,1332-1335 Ap '62.

STEEL—CORROSION
Corrosion of low-carbon unalloyed steels in fuming nitric acid containing certain additions I P. Mukanov, S. D Beskov Uch zap MGPI no 146 288-296 '60
Phosphates of certain amines as inhibitors of steel-20 corrosion in water S. A Balezin, G. V Kleshcheva Uch zap. MGPI no 146 92-101 '60
Protection of steel and aluminum alloys from corrosion by a volatile monoethanolamine benzoate inhibitor A I. Poliakov, S N Solodov Uch zap MGPI no 146 206-216 '60
Study of the atmospheric corrosion of "Armco" iron and steel-2 radioactive specimens. V. I. Spitsyn and others. Dokl. AN SSSR 143 no. 6:1406-1408 Ap '62

STEEL—HARDENING
Effect of aging conditions on the amount of residual austenite in fuel system equipment parts. IU I. Kheifets, I V Oryshich Metalloved. i term. obr. met. no. 4:59-61 Ap '62

STEEL—HEAT TREATMENT
Automatic heat treatment of links of scraper conveyer chains. L. N. Zhubr. Mashinostroenie no. 2,64-66 Mr-Ap '62.
Materials and the heat treatment of crankshafts for high-speed diesels G I Zelenskaia, L I Norova, A A. IUrgenson Metalloved i term. obr met no. 4 56-58 Ap '62.
Possibility of controlling the heat treatment of tool steels based on their magnetic properties and electric resistance. M. N Mikheev, G. S Tomilov. Zav lab 28 no 3: 307-310 '62.

STEEL—HYDROGEN CONTENT
Hydrogen embrittlement of steel L. S Moroz, T E Mirgin. Metalloved i term obr met no. 4 2-6 Ap '62

STEEL—MAGNETIC PROPERTIES
Physical processes in steel in the presence of a pulsating magnetic field V. E. Skobelev. Izv. vys. ucheb. zav.; elektromekh. 5 no 3:243-261 '62.

STEEL—METALLOGRAPHY
Exchange of experience. Zav. lab. 28 no. 3 315 '62
Fractographic method used for investigating structural characteristics of impact fractures V. S. Kovalenko Zav. lab 28 no 3:344-347 '62.
Growth of cementite particles during the tempering of hardened carbon steel with a eutectoid composition. O. A. Bannykh, S. Modin, Kh. Modin. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 2:71-77 Mr-Ap '62.
Principles for selecting steel in hydraulic turbine manufacture. I. N. Bogachev, R. I. Mints. Energomashinostroenie 8 no. 4:27-30 Ap '62.

STEEL—METALLURGY
Ferrous metallurgy in capitalist countries in 1960. I. G. Gorelik Biul. TSIICHM no. 10 1-11 '60
Principal directions in the expansion of the technology of ferrous metal production. A. M. Samarin. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 2:3-8 Mr-Ap '62.

STEEL—STANDARDS
List of all-Union state standards for products of ferrous metallurgy enterprises approved in 1959 by the Committee of Standards Biul. TSIICHM no. 10:29 '60.
New steels for drop-forging dies. P. G. Shishlakov. Standartizatsiia 26 no. 4:28-32 Ap '62.

STEEL—STATISTICS
(see also subdivision under United States)
Data on metallurgical plants in the United States with an annual capacity of more than 1.5 million tons of steel (at the beginning of 1959) [from "Iron Age," no 6, 1959]. Biul. TSIICHM no 9:62 '60

STEEL—TESTING
Deformation anisotropy and creep of low carbon steel at a normal temperature. A. M. Zhukov. Inzh. zhur 1 no. 4:150-153 '61.
Determination of the damping capacity of steel. R. L. Zaldel'man. Zav. lab. 28 no. 3:347-351 '62.
Effect of manganese on the abrasive wear of steel with one per cent carbon content and of iron alloys. M. A. Babichev, A. A. Velikanova, L. B. Kraposhina. Tren. i izn. mash. no. 15:11-30 '62.
Effect of the tempering temperature on the resistance of steel Kh12F1 to abrasive wear. R. M. Matveevskii. Tren. i izn. mash. no. 15:131-136 '62.
Exposure of the tendency to brittle failure in welded joints of austenite steels at high temperature. A. V. Stanukovich, V. N. Zemzin. Zav. lab. 28 no. 3:330-344 '62.

STEEL – TESTING (Continued)

Properties and workability of nonaging various brand steels V M Chirkin, K M Romanychev Biul TSIICHM no 10 41-43 '60

Properties of steel made in converters with use of oxygen S D Brik Biul TSIICHM no. 9 26-38 '60

Relaxation resistance under the effect of tension and the failure of EI612 and 20KhIMIFI steels L IA Liberman Metalloved i term. obr met no 4 6-13 Ap '62

Testing steel under impact loading A. T Spiridonov Inzh zhur 1 no 4 165-169 '61

Volumetric changes in steel specimens following high temperature chromizing and the relation of these changes to the type of reaction taking place N G Kinuchnikov Uch zap MGPI no 146 234-246 '60

STEEL—WELDING

Asnis, A. E. [Dynamic strength of weld joints in low-carbon and low-alloy steel] Dinamicheskaia prochnost' svarnykh soedinenii iz malouglerodistoi i nizkolegirovannykh stalei. Moskva, Mashgiz, 1962. 170 p.

Shatov, A. A. [Arc welding of steel] Dugovaia svarka stali. Moskva, Mashgiz, 1961. 52 p. (Nauchno-populiarnaia biblioteka rabochego-svarshchika, no. 10)

STEEL, HEAT RESISTANT—METALLURGY

Alloying with boron heat-resistant austenitic steels, alloys and weld joints in the limits of 0, 3 - 1 5%. B I Medovar and others. Avtom svar 15 no 5 9-17 My '62.

STEEL, STAINLESS see subdivision under France

STEEL, STAINLESS—TESTING

Investigating antifriction properties of stainless steel working under nonlubricated friction conditions. S. F. Fonarev, A. A. Kul'bakh, V. A. Dzhonson. Metod. isp det. i mat. mash. i prib no. 1:5-16 '61.

STEEL, STRUCTURAL

Calculations for steel plate floors and sheathing K M Karadzhi. Stroi. mekh i rasch soor 3 no 6 29-32 '61.

Methods of prestressing steel structures with stressed elements of high-strength steel B A Speranskii, G N Shavshukova, IA I Ol'kov Trudy NII prom. zdan i soor no 5 124-143 '61

Selecting dimensions of cold bent sections. I.S Trishevskii, T.I.Skokov. Vest. mash. 42 no. 1 52-54 Ap '62.

STEEL, STRUCTURAL—CORROSION

Corrosion of structural carbon steel under the effect of recirculating water of activated carbon black producing plant. V N Rastrepin. Zhur prikl khim 35 no 4 808-816 Ap '62

STEEL, STRUCTURAL—FATIGUE

Impact fatigue of some structural steels. M.U.Katsnel'son, A.IA.Maloletnev, I.M.Vysotskaia Vest.mash. 42 no.4:7-13 Ap '62.

STEEL, STRUCTURAL—WELDING

Weldable structural steel. I. E. Tutov Biul TSIICHM no 10 45-46 '60.

STEEL ALLOYS—METALLOGRAPHY

Intergranular weld zone cracks during the welding of austenitic steels and alloys. B. I Medovar and others Svar proizv. no 4 17-21 Ap '62

STEEL ALLOYS—WELDING

Increasing the corrosion resistance of weld joints of low-carbon and low-alloy steels in an alkali medium. N. A Langer and others. Avtom. svar. 15 no. 5 36-43 My '62.

STEEL CASTINGS

Cast specimens for controlling the mechanical properties of steel castings IU. A Shul'te, S I. Gladkii Lit proizv no 4 5-8 Ap '62.

Heating steel casting risers with exothermic mixtures. IU. IA. Rekunov. Mashinostroenie no. 2:112-113 Mr-Ap '62.

Repairing steel castings by welding. V. M. Davidich. Mashinostroenie no. 2:122-124 Mr-Ap '62.

STEEL CASTINGS—DEFECTS

Effect of manganese and sulfur content on the formation of hot cracks. N. V. Perkhurov. Lit. proizv. no. 4: 45-46 Ap '62.

Effect of retarding linear shrinkage on the crack-resistance of steel castings. N. A. Trubitsyn Lit. proizv. no 4:34-37 Ap '62

Mechanism of the formation of hot cracks in steel castings. N. A. Trubitsyn Lit. proizv no. 4 33-34 Ap '62.

STEEL CASTINGS—TESTING

Wear-resistance of high-manganese steel castings. M. A. Guzovskaia, IA D. Khorin. Metalloved i term. obr met. no. 4 20-22 Ap '62.

STEEL INDUSTRY

(see also subdivision under Armenia; Frunze; Kazakhstan; Krivoy Rog; Ukraine; Zaporozh'ye)

On the way to the over-all automation in ferrous metallurgy. A K. Adabashian, M N. Starovich Mekh. i avtom. proizv. 16 no. 3-3-6 Mr '62

STEEL INGOTS see subdivision under Canada

STEEL INGOTS—DEFECTS

Formation and correction of cracks in steel ingots V P Grebeniuk, V. A Efimov, V N Sapko Lit proizv no 1 31-33 Ap '62

STEELWORKS see Iron and steel plants

STEERING GEAR

Pusher-tugboat "Bratislava" with separately controlled ring nozzles B. V Bogdanov Sudostroenie 28 no 3 4-9 Mr '62.

STEFANYK, VASYL' SEMENOVYCH, 1871-1936

Independent work of students in the school for working youth on V Stefanyk's work "Arsenist" I O Goluhenko Ukr mova v shkoli 12 no 2 72-76 Mr-Ap '62

STEL'MAKH, MYKHAILO PANASOVYCH, 1912-

For the beauty of forthcoming times... V. Chalmaev. Oktiabr' 38 no. 2 200-208 F '62.

STENCILS AND STENCIL CUTTING

Making luminous stencils by the decalcomania method. A. Beliakova. Av. prom. 26 no. 8 37 '57.

STENSON'S DUCT see Parotid glands

STEPANOV, ALEKSANDR NIKOLAEVICH, 1890-

"The Zvonarev family", a novel by A. Stepanov Reviewed by Ark. Vasil'ev Moskva 5 no 9,220 '61.

STEPPE FLORA

(see also subdivision under Kamennye Mogily Preserve)

Bees (Hymenoptera, Apoidea) as pollinizer of some steppe plants in central Kazakhstan [with summary in English]. A A. Ponomareva Ent obozr 41 no 1,75-82 '62

STEREOTYPE (PSYCHOLOGY)

Role of the mechanisms of dynamic stereotypy in the physiological measures of defense. V. I Lukianenko. Trudy Inst. vys. nerv. deiat Ser. patofiziol no. 9 116-122 '61

STERIC HINDRANCE

Steric factors in the reaction of dehydrobromination of amides of β-bromo-substituted acids. I. I Kruminite, E. E. Rytslin, N P Gambarian Zhur. ob. khim. 32 no 4 1262-1274 Ap '62.

STERILITY

Histological testicular changes in sterile patients [with summary in English] I M Poriadominskii, O I Numikova, F. M. Shapiro Urologiia no 2:51-56 '62

Surgical treatment of prolonged secondary sterility A A Kozhagulov Trudy Semipal. med inst. 2:135 311 '59

STERILITY IN ANIMALS

Artificial insemination as a method of controlling sterility in animals. A P Studentsov. Veterinariia 37 no 8 71-75 Ag '60

Intensify veterinary measures for the control of sterility in farm animals Veterinariia 37 no. 12:5-10 D '60

Methods for preventing sterility in cows [with summaries in English, German, and French] I A. Bocharov Vest sel'khoz nauki 7 no 3,95-104 Mr '62.

STERILIZATION

Method for sterilizing hair used in the surgical treatment of eye wounds. N. A. Rogova. Trudy Semipal med inst 2 344-346 '59

New sterilization method in the manufacture of canned "Green peas." A S. Zaslavskii, N. M. Chmilenko Kons. i ov prom 17 no 4 8-9 Ap '62.

New sterilization methods in the manufacture of "Stewed beef." A. I. Nazarova. Kons. i ov prom. 17 no 4 9-13 Ap '62.

Use of β-propiolactone for sterilizing some labile biological preparations, preliminary report [with summary in English] N E. Gefen, O. A. Rudneva, A G Bazhinov Zhur. mikrobiol., epid. i immun. 33 no. 3 103-108 Mr '62.

STERLITAMAK—LOCOMOTIVE ENGINEERS

Warm words. T. Satuchin. Agitator no. 10:57 My '62.

STERNUM—TUMORS

Parasternal lipomas. A. P. Kolesov, A. L. Izbinskii Vest. khir. no 4:3-8 '62.

STEROID HORMONES

Local steroid therapy of some dermatoses [with summary in English]. B. IA. Kardashenko, V. E. Olisovich, M. I. Dudkin. Sov. med. 25 no. 1:125-127 Ja '62.

STEROIDS

Excretion of 17-ketosteroids in some diseases in infants K. P. Stepanova. Pediatriia no. 4:19-23 '62.

New steroid preparations. R. O Vershub Ped., akush i gin 23 no 3:2 of cover '61

STEVEDORES see Longshoremen

STEVIN, SIMON, 1548-1620

"The principal works of Simon Stevin," Vol. 2 "Mathematics" [in English]. Reviewed by A. P IUshkevich Vop. ist. est. i tekh. no. 12:215-216 '62.

STILLBIRTH see subdivision under Gorkiy

STOCK AND STOCKBREEDING

(see also subdivision under Chadyr-Lunga District; Florenshty District, Gorkiy Province; Gur'ev Province, Mukhdzistan, Kosh-Kupyr District, Leningrad Province, Lipkany District; Penza Province, South Kazakhstan Province, Tajikistan, Ukraine, Uzbekistan, Volokolamsk District)

[Collective-farm animal husbandry] Kolkh zhiz. 29 nos. 31/32, 37/112, Je-Jl '62

Darwin's law on effects of cross- and self-fertilization and the stock breeding A. I. Ovsiannikov. Agrobiologiia no 2 299-304 Mr-Ap '62

Effect of oxytocin on the reproduction system in male farm animals [with summaries in English, German, and French]. V. K. Milovanov, A. P Berezovv, I. N Gorokhov. Vest sel'khoz nauki 7 no. 2 99-104 F '62

Mechanization of minor operations in animal husbandry. S. Batin. Tekh. v sel'khoz. 22 no. 4 40-42 Ap '62.

Pointers for stock farmers. S. Shumanov. Veterinariia 37 no 8:94-95 Ag '60.

Pushkin. Pushkinskaia laboratoriia razvedeniia sel'skokhoziaistvennykh zhivotnykh. [Increasing livestock production, recent developments in stockbreeding] Povyshenie produktivnosti sel'skokhoziaistvennykh zhivotnykh, novoe v razvedenii sel'skokhoziaistvennykh zhivotnykh. Pod obshchel red. M. M. Lebedeva Moskva, Sel'khozizdat 1961. 149 p.
(DA)

Use of tissue preparations. A. Kh. Khalilov and others. Veterinariia 38 no. 1 25-26 Ja '61.

Use of tissue preparations in stockbreeding and veterinary practice. G. M. Maunov. Veterinariia 37 no. 10, 15-18 O '60.

STOCK AND STOCKBREEDING—ACCOUNTING see subdivision under Kazakhstan, Urdzhar District

STOCK AND STOCKBREEDING—BIBLIOGRAPHY see Bibliography—Stock and stockbreeding

STOCK AND STOCKBREEDING—STATISTICS

How to calculate the indices of meat production per 100 hectares of land on collective and state farms. A. M. Birlanskii Uchet i fin. v kolkhoz i sovkhoz 10 no. 1:59-61 Ap '62

STOCK AND STOCKBREEDING—WATER SUPPLY

Pneumatic water-raising devices. N. Popov. Tekh. v sel'khoz. 22 no. 1:37-40 Ap '62.

STOMACH

Acute gastric obstruction caused by complete relaxation of the left half of the diaphragm with transposition of the stomach, spleen and left lobe of the liver into the thoracic cavity. A T Grebennikova, V. R Prundarev Khirurgiia 37 no. 7:87-90 Jl '61.

Biosynthesis of sialic acids in the brain and the mucous membrane of the stomach [with summary in English] Kh P. Lind. Vop. med. khim. 8 no. 2:140-144 Mr-Ap '62.

Participation of the medullary substance of the adrenals in the reaction of the gastric glands to pain stimulus [with summary in English]. A S IAmpol'skii Biul eksp. biol i med 3[i. e. 53] no. 3 30-34 Mr '62

STOMACH—ABSCESS

Incision of abscesses in traumatic reticulitis of cattle. K. IA. Klin. Veterinariia 38 no. 1:57 Ja '61.

STOMACH—CANCER

Comparative evaluation of some types of anesthesia in transperitoneal total gastrectomy [with summary in English] I. M. Miloslavskii Vop onk. 8 no 1:13-18 '62.

Exfoliative cytologic diagnosis of cancer of the stomach [with summary in English]. I. A. Shevchenko. Vop onk 8 no 3,48-57 '62

Protein fraction, lipoprotein and glycoprotein content of the blood serum in cancer of the stomach and intestines according to electrophoretic data M. V Budianskii Med. zhur Uzb no. 2:66-70 F '62

Role of multiple pretumorous diseases in the development of cancer of the stomach [with summary in English] A. G. Serebriakova, V. G. Ivanova Vop. onk. 8 no 3. 57-61 '62.

Terminal subtotal resection of the stomach in cancer E A. TSel' Vop. onk. 8 no. 3:61-67 '62.

X-ray study of the "stomach" created from the jejunum after gastrectomy for cancer. A. A. Rits. Vest. rentg. i rad. 37 no. 2 65-67 Mr-Ap '62.

STOMACH—DISEASES

Calcareous nephrosis in gastric tetany. E. G. Klein, Y. A. Pokrovskaia-Lurie. Klin. med. no. 2:86-93 '62

Case of multiple perforation of the stomach as a result of phlegmon in a newborn infant. N.S.Gerasimenko. Nov. khir. arkh. no. 3:81 '62.

Eosinophilic granuloma of the stomach. IA. I. Pnal. Sov. klin med no 2:133 136 '62.

Gastric syndrome in the clinical aspects of esophageal diverticula. A. A. Ol'shanetskii. Klin. med. no 2: 39-46 '62.

Giant hypertrophy of the gastric mucosa [with summary in English]. V. I. Stratonovich. Vest. rent. i rad. 37 no. 2:23-26 Mr-Ap '62.

STOMACH – DISEASES (Continued)

Periparietal strangulation of the stomach in a parietal peritoneal pocket. B. I. Uchitel' Zdrav Kazakh. 22 no 2:71-72 '62.

Role of multiple pretumorous diseases in the development of cancer of the stomach [with summary in English] A. G Serebriakova, V. G Ivanova Vop onk, 8 no 3, 57-61 '62

STOMACH—INFLAMMATION

Diagnosis of traumatic reticulitis and traumatic pericarditis. P I Ushakov, N I Shcherbinin. Veterinariia 37 no. 8 60-62 Ag '60.

STOMACH—INNERVATION

Change in the cholinesterase activity and magnesium concentration of the blood during pain stimulation of gastric interceptors in horses S I Khudaev Trudy AZVI 9 152-158 '56.

Development of the motor innervation of the musculature in various segments of the stomach in rat ontogenesis. Report No 1 Effect of bilateral subphrenic resection of the vagus nerves on the functional properties of the smooth musculature of the stomach [with summary in English] S. E Belen'kaia Biul eksp. biol i med. 3[i.e 53] no. 3 7-13 Mr '62.

Rhythmic vibrations of the biopotential of the neuromuscular apparatus of the stomach and small intestine. E A Krasnov. Trudy Inst klin. i eksp. khir. AN Kazakh. SSR no. 7:118-136 '61

STOMACH—RADIOGRAPHY

Possibilities of fluorography and roentgenocinematography in diagnosing tumorous and nontumorous diseases of the lungs, esophagus and stomach in prophylactic examinations [with summary in English], L. N. Gol'dshtein, E. I. Prokof'eva Vest. rent. i rad. 37 no. 2:3-10 Mr-Ap '62.

X-ray changes in the stomach and duodenum in diabetes mellitus [with summary in English] E. K. Kozlova. Klin med no. 2:100-107 '62.

X-ray study of the "stomach" created from the jejunum after gastrectomy for cancer. A. A. Rits. Vest rent. i rad 37 no. 2:65-67 Mr-Ap '62.

STOMACH—SECRETIONS

Determining uropepsin for evaluating the secretory function of the stomach [with summary in English]. V. B. Mel'nitskii. Klin. med no. 2:35-39 '62.

Evaluation of the secretory function of the stomach by the excretion of uropepsin in children with rickets [with summary in English]. L. M. Okulova, L. Z. Sultanova. Pediatriia no. 4:58-61 '62.

Secretory function of the stomach in horses under normal and pathologic conditions S. M. Basov Trudy AZVI 9,145-151 '56

Stomach secretion in some dermatoses and its changes during their treatment with a mixture of bromine and novocaine solutions. R. Kh. Abdusametov. Trudy Semipal. med. inst. 2:262-270 '59.

STOMACH—SURGERY

Comparative evaluation of some types of anesthesia in transperitoneal total gastrectomy [with summary in English] I. M. Miloslavskii. Vop onk 8 no. 3:39-48 '62

Gritsman, Iu. IA. [Tantalum mechanical suture in stomach resections] Tantalovyi mekhanicheskii shov pri rezektsiiakh zheludka. Moskva, Medgiz, 1961. 76 p.
(DNLM)

Terminal subtotal resection of the stomach in cancer. E. A. TSel' Vop. onk. 8 no. 3:61-67 '62.

Transposition of the cardia in the surgical treatment of cardiospasm. E. I. Zakharov, V. I. Solov'ev. Grud. khir no. 2:51-55 '62.

STOMACH—TUMORS

Benign nonepithelial tumors of the stomach. V. I. Kuz'min. Vop. onk. 8 no. 4:22-26 '62.

Case of leiomyoma of the corpus ventriculi. V. G. Kuznetsov. Vest. rent. i rad. 37 no. 2,61-62 Mr-Ap '62.

Cysts of the stomach. A. S. Antukhovskii. Zdravookhranenie 5 no. 1:62-63 Ja-F '62.

STOMATOLOGY

Use of garlic phytoncides in stomatology. A. O. Zosia. Mikrobiol. zhur. 23 no. 6:53-54 '61.

STONE

Vagin, V. V., and B. I. Pirogov, [Stone casting] Kamennoe lit'e. Moskva, Mashgiz, 1962. 93 p.

STONE, CRUSHED

Kurdenkov, B. I., A. I. Politakova, and A. P. Filatov, [Beneficiation of stone material for road construction] Obogashchenie kamennogo materiala dlia dorozhnogo stroitel'stva. Moskva, Avtotransizdat, 1962. 58 p.

STONE AGE
(see also subdivision under Pamirs; Tajikistan)

From the work of a detachment engaged in collecting materials for an archaeological map. V. A. Ranov. Trudy Inst. ist., arkheol. i etn. AN Tadzh. SSR 27:155-159 '61.

Pottery of the settlements of the Gorodsk type. M. M. Shmakhti. Arkheologiia 13:20-37 '61.

STONECUTTING

SM-827 stone-trimming machine. L. D. Polonskii Stroi i dor. mash 7 no 3:32-34 Mr '62.

STOPING (MINING)

Using the correlation analysis method in studying the effect of some factors on the rate of stoping. IU F Savenko. Izv vys. ucheb. zav. gor. zhur. 5 no. 1 74-79 '62

STORAGE BATTERIES

Direct current. S Matveev Radio no 4 31-32 Ap '62.

Modifying power supply sources. V. N. Pechen', Put' i put. khoz. 6 no. 5:45 '62.

STORE FIXTURES

Counter for the sale of milk shakes. P. Gorbach. Sov. torg. 35 no. 4 49-50 Ap '62.

Let's supply the stores with modern equipment. R. Sinitsyn Sov. torg. 35 no. 4:14-15 Ap '62

STOVES

Bordzenko, L. S. [Prefabricated domestic stoves and chimneys] Sbornye bytovye pechi i dymovye truby. Moskva, Gosstroiizdat, 1962. 74 p.

STRABISMUS

Correction of vertical strabismus by the method of capsulorrhaphy in congenital hyperplasia and absence of the rectus inferior muscles in both eyes [with summary in English]. A. N. Makalmenko. Vest. oft. no. 2: 55-57 '62.

Dispensary care of children with anomalies of refraction and with concomitant strabismus in the consolidated hospital [with summary in English] R P. Pozdniakova Oft. zhur no 2 100-106 '62

STRAIN GAUGES

Lunov, I. S. [Strain measurement in motor vehicle parts] Tenzometrirovanie detalei avtomobilia. [By] N. I. Vorontsova i dr. Pod red. I. S. Lunova. Moskva, Mashgiz, 1962. 230 p.

Tensometric indicator of microshifts. B. Z. Volokhin. Zav. lab 28 no 3:368-380 '62

STRAINS AND STRESSES

Anisotropic cylindrical shells under axially-symmetrical loads. L. A Movsisian Izv. AN Arm SSR. Ser. fiz. - mat. nauk 15 no. 2:111-119 '62.

Application of the approximation method to shell computations K. B. Sandzhieva Izv AN Arm SSR. Ser fiz - mat. nauk 15 no 2:121-138 '62.

Determining contact pressures on three-dimensional models. I. P. Dobrovol'skii, V. D. Kopytov. Inzh. zhur. 1 no. 4:172-174 '61.

Drag of thin-walled pipes across matrices of nonconical shape. I. D. Grudev. Trudy MFTI no. 7-65-96 '61.

Effect of a cyclic load on the cold-short threshold of carbon steel. I. A. Oding, A. G. Mikonov, T. S. Mar'lanovskaia. Dokl. AN SSSR 143 no. 6:1332-1335 Ap '62.

Effect of relaxation rate on the strength of adhesive joints. IU. M. Malinskii, V. V. Prokopenko, V. A Kargin. Vysokom. soed. 4 no. 2:298-303 F '62.

Gagarina, A. A., and M. D. Golovko. [Using the electric analogy method to study the stress state of large wall slabs] Issledovanie napriazhennogo sostoianiia krupnorazmernykh stenovykh panelei metodom elektricheskikh analogii. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 76 p. (Akademiia stroitel'stva i arkhitektury SSSR. Institut stroitel'noi fiziki i ograzhdaiushchikh konstruktsii. Nauchnoe soobshchenie, no. 3)

Internal stresses in cadmium electrolytic deposits. A. V. Pamfilov, P. M. Mel'nik. Zhur. prikl. khim 35 no. 4, 811-813 Ap '62.

Investigating the load of internal contact pressure and axial stress of a pressure hose carcass made of entwined spiral elements. V. I. Treshchalov, V. A. Lepetov. Kauch. i rez. 21 no. 4:26-30 Ap '62.

Investigating the load on spiral elements exerted by inner contact pressure. V. I. Treshchalov, V. A. Lepetov. Kauch. i rez. 21 no. 3:25-30 Mr '62.

Measuring true stresses in aluminum and zinc tensile tests at high temperatures. O. S. Mironov, E. M. Volin. Zav. lab. 28 no. 3:359 '62.

Method for determining the tangential stresses arising in a medium which transmits high pressures. IA. S. Kan, L. M. Pollakov. Fiz. tver. tela 4 no. 3:810-811 '62.

One method of computing stresses in a circular cylinder. N. D. Vvedenskaia, E. E. Shuol'. Vych mat. no. 7:75-94 '61.

Relaxation resistance under the effect of tension and the failure of EI612 and 20KhMFI steels. L. IA. Liberman. Metalloved. i term. obr. met. no. 4:9-13 Ap '62.

Solution of the contact problem of the theory of creep in the case of linear relationship between stresses and strains. N. F. Kakosimidi, I. E. Prokopovich. PMTF no. 1:102-109 Ja-F '62.

Static strain of the strands of mine hoisting ropes. V. I. Kiselev, I. N. Pochepaev. Izv. vys. ucheb. zav.; gor. zhur. 5 no. 1:170-178 '62.

Strained state in rolling in a round groove. I. A. Mamedov. Izv. AN Azerb. SSR. Ser. fiz. - mat. i tekh. nauk no. 6:31-36 '61.

Stress concentration in the blades of band saws caused by the teeth cut E. D. Dobrynin Der prom 11 no. 4: 10-11 Ap '62.

Stressed state of an elastic body in the presence of a shallow gap (cut). V. I. Dovnorovich Prik mat i mekh 26 no. 2:342-343 Mr-Ap '62.

Stresses developing in tackle fastenings of sectional river rafts. S. A. Vladimirov. Izv. vys. ucheb. zav., les. zhur. 4 no. 6:61-65 '61.

Temperature stress of tracks in narrow-gauge logging railroads. B. I. Kuvaldin. Izv. vys. ucheb. zav., les. zhur. 4 no. 6:51-60 '61.

STRASBOURG, FRANCE—JOURNALISM—STUDY AND TEACHING

Lively interest in the socialist press. IA. Zasurskii. Sov. pech. no. 3:58-59 Mr '62.

STRASHENY DISTRICT—CRIME PREVENTION

Voluntary workers of a village. V. Davydov. Sots. zakon. 30 no. 3:58 Mr '62.

STRASHENY DISTRICT—VITICULTURE

Developing the cultivation of table-wine varieties of grapes. A. Popov. Komm. Mold. 7 no. 1 45-50 Ap '62.

STRATEGY, COMMUNIST see Communist strategy

STRATFORD-UPON-AVON, ENGLAND—THEATER

A contemporary from Stratford. D. Urnov. Teatr 23 no. 5:160-165 My '62.

STRATIGRAPHIC GEOLOGY see Geology, Stratigraphic

STRAW

Experimental systems for chopping straw on grain combines. A. I. Rusanov. Trakt. i sel'khozmash. 32 no. 4: 31-34 Ap '62.

Influence of nitrogen fertilizers and straw on the effectiveness of treating soinfoin seeds with nitragin. E. K. Sharova. Trudy Vses inst sel'khoz. mikrobiol. no. 14: 242-251 '59.

STRAW AS FEED

Chemical treatment of straw [with summaries in English, German, and French] D. V Elpat'evskii. Vest. sel'khoz. nauki 7 no. 2,89-94 F '62.

STRAWBERRIES

Katinskaia, IU. K. [Strawberries] Zemlianika. Leningrad, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 64 p.
(DA)

Use of polyamide film in strawberry growing. B. A. Kirpichnikov. Plast. massy no 5:71 '62.

STRAZHESKO, NIKOLAI DMITRIEVICH, 1876-1952

Hero of Socialist Labor, Academician N. D. Strazhesko (1876-1952); on the 85th anniversary of his birth. V. Kh. Vasilenko, E. I. Likhtenshtein Klin. med no. 2:3-7 '62.

STREAM CROSSING, MILITARY

Surprise in the forcing of rivers by armored units. E. Fedoseev. Voen.-ist. zhur. 4 no. 1:47-56 Ja '62.

STREET CLEANING

Sanitary and hygienic significance of the washing of streets. V. I. Irbina. Sbor. nauch. rab. AKKH no. 3: 80-98 '60.

STREET-CLEANING MACHINERY

Investigation of the nozzles of street vacuum cleaners. E. G. Baulina. Sbor. nauch. rab. AKKH no. 3:134-154 '60.

Investigation of the technological effectiveness of washing and sweeping city streets by machines in summer. I. M. Gusev. Sbor. nauch. rab. AKKH no. 3:111-133 '60.

Problems of the arrangement of nozzles on street cleaning machines. G. L. Karaban. Sbor. nauch. rab. AKKH no. 3:99-110 '60.

STREETCARS

[Technical manual on city electric transportation in three volumes] Tekhnicheskii spravochnik po gorodskomu elektrotransportu v trekh tomakh. Redkollegiia: V. N. Volochnev, A. N. Troffimov, M. N. Shpolianskii. Moskva, Izd-vo M-va kommun. khoz. RSFSR.
Vol. 1. [City electric transportation (general part)] Gorodskoi elektricheskii transport (obshchaia chast'). Otv. red. toma M. N. Shpolianskii, 1961. 726 p.

Zagainov, N. A. [Traction substations for streetcars and trolley buses; automation and remote control] Tiagovye podstantsii tramvaia i trolleibusa; avtomatika i teleupravlenie. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1961. 399 p.

STRENGTH OF MATERIALS

Bernshtein, S. A. [Strength of materials] Soprotivlenie materialov. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 463 p.

Dynamic strength of building materials at medium deformation rates. A. P. Bronskii and others. PMTF no. 1 118-130 Ja-F '62.

STRENGTH OF MATERIALS (Continued)

Kabulov, V. K. [Integral equations of the equilibrium type and their application to the dynamic design of rods and beams] Integral'nye uravnenila tipa balansa i ikh primenenie k dinamicheskomu raschetu sterzhnei i balok. Tashkent, Izd-vo Akad. nauk Uzbekskoi SSR, 1961. 185 p.

Opeiko, F. A. [Strength theory] Teoriia prochnosti. Minsk, Izd-vo M-va vysshego, srednego spetsial'nogo i professional'nogo obrazovaniia BSSR, 1961. 33 p.

Physical theory of plasticity and strength V. L. Indenbom, A. N Orlov Usp fiz nauk 76 no 3 557-591 Mr '62.

Unsteady propagation of cracks. G I Barenblatt, R L. Salganic, G. P. Cherepanov Prik mat i mekh 26 no 2 328-334 Mr-Ap '62.

STRENGTH OF MATERIALS—TESTING

Erdakov, V. I., and L. S. Minin. [Laboratory practical work on the strength of materials] Laboratornyi praktikum po soprotivleniiu materialov dlia studentov zaochnykh vtuzov. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 188 p.

Rubashkin, A. G. [Laboratory experiments on the strength of materials for technical institutes] Laboratornye raboty po soprotivleniiu materialov dlia tekhnikumov. Moskva, Gos izd-vo "Vysshaia shkola," 1961. 159 p.

STREPTOCOCCAL INFECTIONS

Experimental streptococcal infection, intoxication and reactivity of the organism E I. Shtikel' Trudy Inst mikrobiol. i virus AN Kazakh SSR 5:157-169 '61

Significance of the association of Enterococcus and Proteus in the development of suppurative inflammatory processes (experimental studies). A. V. Fofilants. Med zhur Uzb. no 2 33-35 F '62

STREPTOCOCCUS

Material on the examination of the organs of a corpse in legal medicine, role of staphylococci and streptococci in certain infectious diseases. Z. M. Shakhmalieva Sud.-med. ekspert 5 no. 1:25-27 Ja-Mr '62

Streptococcal antigens in patients with chronic nephritis [with summary in English]. I. M. Liampert, N. T. IAreshko, E. R. Agababova Klin med no 2:81-88 '62

STREPTOCOCCUS LACTIS

Activating effect of products of milk protein hydrolysis formed by proteolytic strains of bacteria on the development of Str. lactis. L. A Liberman Mikrobiol zhur., 23 no. 6 54-59 '61.

Nepomniashchaia, M. L., L. IU. Medvinskaia, and L. A. Liberman. [Streptococcus lactis bacteriophage and its control in the dairy industry] Bakteriofag molochnokislykh streptokokkov i bor'ba s nimi v molochnoi promyshlennosti. Kiev, Izd-vo Akad. nauk USSR, 1961. 151 p.

STREPTOCOCCUS PYOGENES

Characteristics of pyococci isolated from the atmosphere of Minsk K. S Kichatova Zhur. mikrobiol., epid. i immun. 33 no. 3:132-133 Mr '62

STREPTOMYCIN

Effect of vitamins on the effectiveness of emergency prophylaxis, experimental data. G. N. Egorov. Vest. AMN SSSR 17 no. 3, 28-37 N '62.

Streptomycin in listereilosis of swine M F. Sakhno. Veterinariia 37 no 12 58 D '60

Treatment of tuberculous peritonitis with streptomycin. A S Idrisov. Trudy Semipal. med. inst. 2 174-179 '59.

Use of a new antituberculosis preparation—thianide (1314 Th)—in combination with streptomycin or phthivazide [with summary in English]. M. A. Breger. Biul. eksp biol i med. 53 no. 4:75-78 Ap '62.

STRESS (PHYSIOLOGY)

[illegible] f Charvat. Pat. fiziol. i [illegible]-D '61.

[illegible] c acid content in the blood [illegible]. N. I. Volkov. Fiziol. [illegible] '62.

[illegible] France, Spain) [illegible] countries Sov. profsoiuzy

[illegible] JBBER INDUSTRY see

[illegible] sion under Moscow

[illegible] Blyava region; Kazakhstan;

[illegible] ist in open-cut mines. [illegible] zav.; gor. zhur. 5 no. 1:

[illegible] ress in strip mining of [illegible] Izv vys ucheb. zav., gor.

[illegible] sistance of borehole charges [illegible] uruta, N. I. Zub. Izv. vys. [illegible] 1 104-108 '62.

[illegible] e side slope of a pit. P. E. Slashchilin. Izv. vys. [illegible] 2:92-96 '62.

Effect of the side and minimum commercial content on the depth and productivity of open pits B. P. IUmatov Izv vys ucheb. zav., gor zhur 5 no. 2, 19-27 '62

Effect of time on the stability of the benches and sides of open-pit mines S. I. Popov, K. I. Dudushkina. Gor zhur, no 4 38-40 Ap '62

Mechanical properties of rocks in pit sides G. S. Kal'chik, A. A. Chernegov Izv vys ucheb. zav., gor zhur. 5 no 2 86-91 '62

Methods of filling in cavities in open-pit operation in an area of old underground workings B P Bogoliubov, A S Khodinov. Izv vys ucheb zav., gor zhur 5 no. 2 50-57 '62

Study of slide faults in open pits. S. N. Nikitin. Izv vys ucheb zav., gor zhur. 5 no. 1 50-52 '62

STRIP MINING—COSTS

Outline of an economic basis for the planned capacity of a pit N G. Kapustin Izv vys ucheb zav., gor zhur 5 no 2 102-109 '62

STROBANE

The new insecticide and acaricide chlorpin. M. G. Khatin, V. N. Diadechko. Veterinariia 37 no. 10 65-66 O '60.

STRONGYLOIDIASIS

Material on strongyloidiasis in sheep K M. Eliseev. Trudy AZVI 9 169-185 '56

STRONTIUM

Adsorption of strontium by manganese dioxide from water-ethanol solutions E. V Tkachenko, V V Pushkarev, IU V Egorov. Izv. vys. ucheb zav., khim i khim. tekh. 5 no 1 172-174 '62

STRONTIUM—ISOTOPES

(see also subdivision under Armenia)

Accumulation of strontium and yttrium isotopes in the eggs of marine fishes G. G. Polikarpov, V. N. Ivanov. Radiobiologiia 2 no. 2:207-210 '62.

Changes in the higher nervous activity in the second generation of dogs subjected to chronic internal β-irradiation from Sr^{90}. V. A. Nazarov. Radiobiologiia 2 no. 2:287-292 '62

STRONTIUM—SPECTRA

X-ray spectrographic determination of strontium in rocks and concentrates. R. A Sorkin, A. V. Anikin Izv. AN Turk SSR Ser fiz.-tekh., khim. i geol nauk no 2:13-18 '62

STRONTIUM TANTALATE

X-ray diffraction study of phase transition in Sr_2FeTaO_6. M. F. Kupriianov, E. G. Fesenko. Kristallografiia 7 no. 2:315-316 Mr-Ap '62.

STROPHANTHIN

Administration of strophanthin by electrophoresis and intravenous drip in diseases of the cardiovascular system. T. V. Gavriliuk. Vop pat. krovi i krovoobr. no. 5: 126-130 '59.

Intravenous drip administration of strophanthin in coronary insufficiency. V. M. Labutin. Vop pat krovi i krovoobr. no 5:119-125 '59.

STROPHOMENACEA, FOSSIL see subdivision under Pechora Valley, Timan Ridge

STRUCTURAL ALUMINUM see Aluminum, Structural

STRUCTURAL FRAMES

Stability of one-story frames reinforced by longitudinal braces. V. I. Klimanov. Izv. vys. ucheb. zav.; stroi. i arkhit. 5 no. 1:52-58 '62.

STRUCTURAL FRAMES—WELDING

Design for strength of elements for welded structures. I. T. Trochun. Avtom. svar. 15 no. 5:49-54 My '62.

STRUCTURAL STEEL see Steel, Structural

STRUCTURES, THEORY OF

Solution of differential equations in structural mechanics. A. F. Bilevich. Stroi. mekh. i rasch. soor. 3 no. 6: 9-11 '61

STRUCTURES, THEORY OF—BIBLIOGRAPHY see Bibliography—Structures, Theory of

STRUYS, ALEXANDRE, 1852-1941

A Struys' painting "Birds of prey" [with summary in French]. K. F. Asaevich. Trudy Gos. Erm. 6 no 2, 395-404 '61.

STRYCHNINE—PHYSIOLOGICAL EFFECT

Effect of strychnine on the activity of individual internuncial neurons of the spinal cord [with summary in English]. V. P. Lebedev. Biul. eksp. biol. i med. 53 no. 4:7-11 Ap '62.

STUDENT ACTIVITIES

Generalizing the pedagogical practice in a group. M. Kuprin. Nar. obr. no. 4:83-84 Ap '62.

Great prospects. K. Zolotar'. Shkola-int. no. 2:21-25 Mr-Ap '62.

Organizing educational work in after school groups. B. S. Kobzar. Rad. shk. 40 no. 4:33-38 Ap '62.

Organizing the daily routine of students in the schools with longer hours. M. V. Antropova. Sov. pedag. 26 no. 4:66-72 Ap '62

Shadow theater G. Genov. Shkola-int. no. 2:84-89 Mr-Ap '62.

Traditions of constructive work. T. Tishcherko [illegible] obl. no. 1:57-58 Ap '62.

Work education within the system of class activities [illegible] I. K Matiusha Shkola i proizv 6 no. 4 11-14 Ap '62

STUDENT TEACHING see subdivision under Chita

STUDENTS, CUBAN see subdivision under Minsk, Nekrasovskaya (Krasnodar Territory); White Russia

STUDENTS, RUSSIAN see subdivision under Freiberg, Germany

STUTTGART—LIGHTING

Electric lighting of road crossings and tunnels in Stuttgart S. A. Kliuev Svetotekhnika 8 no. 4 28-31 Ap '62.

STUPOR

Electrophysiological characteristics of wound stupor L. TS Ioffe. Trudy Inst. klin. i eksp. khir. AN Kazakh SSR no 7 8-41 '61.

STUTTERING see Stammering

STYRENE

Reactions of chlorostyrene with benzene. Kh. [illegible] shev, I. P. TSukervanik. Zhur. ob. khim. 32 [illegible] 1293-1296 Ap '62.

STYRENE—PHYSIOLOGICAL EFFECT

Data for substantiating the maximum permissible [illegible] centration of styrol in atmospheric air [with summary in English]. Li Shen [Li Sheng] Gig i san 26 [illegible] 11-17 Ag '61.

STYRENE—TOXICOLOGY

Comparative toxicity of some stabilizers used for increasing heat and light resistance of polymer materials [with summary in English]. A. IA. Berlin [illegible] trudy i prof. zab 6 no 3:20-26 Mr '62.

STYRENE POLYMERS

Effect of the colloidal platinum on the kinetics and mechanism of the initial block polymerization of styrene. Part 2 [with summary in English]. A. [illegible] Stepukhovich, E. A. Rafikov, A. L. Borisenkova [illegible] soed. 4 no. 2:182-187 F '62.

Molecular conformation, and hydrodynamic and [illegible] cal properties of 4:5 styrene - isoprene block [illegible] [with summary in English]. S. IA. Frenkel' and [illegible] Vysokom. soed. 4 no. 2:250-255 F '62

Preparation of hydroperoxides of alkylaromatic hydrocarbons, and their initiation properties in copolymerization of divinyl with styrene. S. V. Zavgorodnii and [illegible] Khim. prom. no. 3:181-185 Mr '62.

SUBMARINE BOATS

(see also subdivision under Russia, Northern)

Engines operate without interruption. A [illegible] Starsh. -serzh no. 1:27 Ja '62

For rapid replacement of electric fuses B [illegible] Starsh. -serzh no 3:23 Mr '62.

I spare no pains in this! V Vlasov. Starsh. serzh no 2, 19 F '62.

A leader. N. Vasil'ev Starsh. -serzh. no 1 19-21 Ja '62.

A lost screw. A. Zinov'ev. Starsh. -serzh no 1 25 Ja '62

Maintenance at sea. V. Milanov. Starsh. serzh no 2 20 F '62.

Noble hearts. N. Belous. Komm. Vooruzh Sil 2 no. 6, 61-65 Ap '62.

A petty officer, first class, serves on a ship [illegible] Sov. voin 44 no. 6:35-36 Ap '62.

Radio communication from a submarine (as revealed by foreign press data). V. Kamaev. Starsh. -serzh no 3 26-27 Mr '62.

Saving seconds. V. Petrovskii. Starsh. -serzh no 3 22-23 Mr '62.

"The submarine" by S. S. Ivanov. Reviewed by [illegible] Starsh. -serzh. no. 3:25 Mr '62.

This is my method M Prishchepchuk. Starsh serzh no. 2:17 F '62.

SUBMARINE BOATS—BATTERIES

A sailor's proposal. V. Vasil'ev. Starsh. -serzh no 3 26 Ja '62.

SUBMARINE WARFARE

Antisubmarine weapon (as revealed by foreign press data). A. Kvitnitskii. Starsh. -serzh. no. 1 28-31 Ja '62.

SUBLIMATION (PHYSICAL SCIENCES)

Sublimation of cesium oxide from pollucite during the sintering with lime in vacuo. A. G. Motina and others Zhur. priki. khim. 35 no. 3:664-666 Mr '62.

SUBSIDENCES (EARTH MOVEMENTS)

(see also subdivision under Tbilisskuri Lake region)

Some results of studying surface movements in underground mining of the Nikitovka mercury deposit [illegible] Lisitsa. Izv. vys. ucheb. zav., gor. zhur. 5 no. 1 33-40 '62.

SUBSTATIONS, ELECTRIC see Electric substations

SUBSTITUTION (CHEMISTRY)

Interaction of atom pairs and properties of X-substituted methane compounds and their radicals. IU. G. Papulov. Dokl. AN SSSR 141 no. 6 1395-1398 Ap '62

Role of substituents in the benzene ring of indole. Part 8. 1 Methylindole-5-aldehyde. A. P. Terent'ev, Ge Ban-lun', M. N. Preobrazhenskaia. Zhur. ob. khim. 32 no. 4 1335-1336 Ap '62

SUBVERSIVE ACTIVITIES see subdivision under United States

SUBWAYS see subdivision under Leningrad

SUBWAYS—COMMUNICATION SYSTEMS

Modernized selective communications equipment for intermediate stations on subways. M. I. Gorzib. Avtom., telem. i sviaz' 6 no. 5, 40-41 My '62

SUCCINIC DEHYDROGENASE

Cytochemical study of the activity of succinic dehydrogenase in the mitochondria of quiescent and excited neurons of the spinal ganglia [with summary in English]. A. A. Bronshtein, T. V. Kiestinskaia. Arkh. anat., gist. i embr. 40 no. 5 39-46 My '61.

Histochemical study of succinic and malic acid dehydrogenases and DPN and TPN diaphorases in experimental myocardial infarction [with summary in English]. E. F. Lushnikov. Biul. eksp. biol. i med. 53 no. 4 115-120 Ap '62.

SUCKER RODS

Method of determining the location of a sucker rod break. A. S. Virnovskii, P. A. Ivankov. Trudy VNII no. 22 13-19 '59.

SUDZHINA—DRINKING VESSELS

Goblet from a burial in Sudzhina. E. V. Zeimal'. Trudy Inst. ist., arkheol. i etn. AN Tadzh. SSR 27 167-168 '61.

SUFFOCATION see Asphyxia

SUGAR—PACKAGING

Improving the containers and mechanizing the packaging of granulated sugar. V. P. Mondzelevskii. Sakh. prom. 35[i. e. 36] no. 2 33-34 F '62

SUGAR—PHYSIOLOGICAL EFFECT

Fermentation of cellulose by pure cultures of anaerobic cellulose bacteria in the presence of simple sugars. N. A. Nikitin. Mikrobiol. zhur. 23 no. 1 15-18 '61.

SUGAR BEET BREEDING see subdivision under Ukraine

SUGAR BEETS
(see also subdivision under Grodno Province, Kalinin Province, Khorol District; Novosibirsk Province, Panino District; Ukraine; Velsk District)

Advanced technology of sugar beet cultivation [with summaries in English, German, and French]. A. I. Lebedik. Vest. sel'khoz. nauki 7 no. 2 104-116 F '62

Effective organization of supply zones for sugar factories and optimal size of collective sugar beet farms. T. Areflev. Ekon. sel'khoz. 33 no. 2 89-98 F '62

[For 40 million tons of sugar beets] Za 40 mil'ioniv tonn tsukrovykh buriakiv. Kyiv, Derzh. vyd-vo sil's'kohospodars'kol lit-ry URSR, 1959. 198 p. (DA)

Kavatysh, A. G. [Ways for increasing the performance of sugar beet combines] Puti uluchshenila raboty sveklokombainov. Frunze, Kirgizskoe gos. izd-vo, 1960. 56 p. (Poredovoi opyt v sel'skom khozialstve Kirgizii) (DA)

Orlovskii, N. I. [Fundamentals of the biology of sugar beets; with the elements of cultivation practices and breeding] Osnovy biologii sakharnoi svekly (s elementami agrotekhniki i selektsii). Kiev, Gos. izd-vo sel'khoz lit-ry USSR, 1961. 323 p. (DA)

Relationship between the yield of pulp and the saccharinity of sugar beets. A. B. Fremel'. Sakh. prom. 35[i. e. 36] no. 2:60 F '62.

SUGAR BEETS—HARVESTING

Machines for planting and harvesting sugar beets. A. E. Trachenko. Mashinostroenie no. 2 93-98 Mr-Ap '62.

New machines for the mechanization of sugar-beet harvesting. T. P. Kruglikov. Mashinostroenie no. 2 104-105 Mr-Ap '62.

Over-all mechanization of sugar beet harvesting. O. M. Holovanov. Pyt. ekon. sil'. hosp. URSR no. 3:64-69 '61.

SUGAR BEETS—STORAGE

Mechanized sugar beet storage in sugar factories. F. M. Peshkovskii. Sakh. prom. 35[i. e. 36] no. 2, 35-40 F '62

SUGAR BEETS—TRANSPORTATION
(see also subdivision under Tambov Province)

Mechanization of sugar-beet unloading and stacking. G. M. Krasniuk. Mekh. i avtom. proizv. 16 no. 4:25-27 Ap '62.

SUGAR INDUSTRY
(see also subdivision under Kazakhstan; Moldavia; Sumy Province; Ukraine; Ukraine, Western)

Improve construction in the sugar industry and reduce its costs. L. IA. Kanevskii. Sakh. prom. 35[i. e. 36] no. 2:45-48 F '62.

In the Central Scientific Research Institute of the Sugar Industry. G. M. Glagolev. Sakh. prom. 35[i. e. 36] no. 2 73-76 F '62

SUGAR INDUSTRY—BIBLIOGRAPHY see Bibliography—Sugar industry

SUGAR INDUSTRY—EQUIPMENT AND SUPPLIES
(see also subdivision under Poland)

Performance of the "Bukau-Wolf" diffusion systems. V. P. Vitruk. Sakh. prom. 35[i. e. 36] no. 2 31-32 F '62.

Useful proposals. M. A. Matula. Sakh. prom. 35[i. e. 36] no. 2 48-50 F '62.

SUGAR MANUFACTURE
(see also subdivision under Poland)

Colorimetric method of determining betaine content in molasses and separation waste lye. M. I. Barabanov, S. T. Vil'chinskii, I. M. Litvak. Sakh. prom. 35[i. e. 36] no. 2 41-44 F '62

Device for automatic control of the boiling of refined sugar massecuites. S. I. Sokolov. Mekh. i avtom. proizv. 16 no. 4:33-34 Ap '62.

Effect of formalin addition on the juice quality (from "Int. Sugar Journal," March 1961). L. A. Shepshelevich. Sakh. prom. 35[i. e. 36] no. 2 66 F '62

Fighting sugar losses. N. M. Kozlov, M. A. Kokhan, G. V. Viatkin. Sakh. prom. 35[i. e. 36] no. 2, 16-19 F '62.

From the editor's mail. Sakh. prom. 35[i. e. 36] no. 2 69-71 F '62

Improving the sedimentation of the first carbonation juice by means of adding diffusion juices. M. I. Barabanov. Sakh. prom. 35[i. e. 36] no. 2 25-27 F '62.

SUGAR MANUFACTURE—BIBLIOGRAPHY see Bibliography—Sugar manufacture

SUGAR MANUFACTURE—HYGIENIC ASPECTS

Sanitary hygienic characteristics of working conditions at sugar refineries. K. K. Vrochinskii. Gig. i san. 27 no. 3 66-68 Mr '62.

SUGGESTION SYSTEMS
(see also subdivision under Karaganda Province)

No, you may not adhere to the old ways. A. Demeshko. Sov. profsoiuzy 18 no. 8 14-15 '62

SUKHOV, FEDOR G.

"Azure street poems"; by Fedor Sukhov. Reviewed by O. Shestinskii. " Nev. no. 1:180-190 '62.

SULA VALLEY—BRIDLE

Scythian bridle of the sixth century B.C. V. A. Illins'ka. Arkheologiia 13:30-61 '61.

SULA VALLEY—SCYTHIAN ANTIQUITIES

Scythian bridle of the sixth century B.C. V. A. Illins'ka. Arkheologiia 13:38-61 '61.

SULFAMETHAZINE

Elimination of chicken cholera. G. V. Mal'tsev. Veterinariia 38 no. 1 46 Ja '61.

SULFANILAMIDES

Effect of sulfanilamides on the blood system. A. N. Chigirinskii, A. A. Krylov. Probl. gemat. i perel. krovi no. 4:47-49 '62.

Sulfanilamide therapy in paratuberculosis. T. R. Gainullin. Veterinariia 37 no. 8:27-30 Ag '60.

SULFATHIAZOLE—TOXICOLOGY

Sulfanilimide calculosis of the kidneys. E. Z. Rabinovich. Shor. nauch. rab. Kaf. akush. i gin. GMI no. 1:191-192 '60.

SULFIDES
(see also subdivision under Baikal Lake region; Uzbekistan)

Genetic types and stages of the sulfide mineralization of the Rudnyy Altai. P. F. Ivankin. Zakonom. razm. polezn. iskop. 2 351-371 '59.

Interaction of mercury acetate aqueous solution with organic sulfur compounds. Sulfides. T. A. Danilova and others. Vest. Mosk. un. Ser. 2 Khim. 17 no. 2:72-75 Mr-Ap '62.

Oxidation of ore-forming sulfides in aqueous solutions. T. I. Drobasheva, S. A. Durov. Izv. vys. ucheb. zav., geol. i razv. 5 no. 3:54-61 Mr '62.

Paragenesis of cassiterite-sulfide ores. V. I. Chainikov. Geol. rud. mestorozh. no. 2, 75-78 Mr-Ap '62.

Using dimethyl sulfide derivatives in the production of fibers on the basis of acrylonitrile and its copolymers. B. D. Bogomolov, I. S. Dorokhina, V. S. Klimenkov. Khim. volok. no. 2:14-16 '62.

SULFIDES—ELECTRIC PROPERTIES

Factors determining the generation of a natural electric field in sulfide deposits. G. B. Sveshnikov. Vop. rud. geof. no. 2:68-78 '61

SULFITE LIQUOR

Effect of individual liquor components from hot refining of cellulose of the sulfite cooking process. IU. N. Nepenin, P. A. Demchenkov. Izv. vys. uchob. zav., les. zhur. 4 no. 6:129-132 '61.

SULFITES

Complex compounds of cobalt (III) with a sulfite group in the inner sphere. A. V. Babaeva, I. B. Baranovskii. Zhur. neorg. khim. 7 no. 4:783-790 Ap '62.

SULFONAMIDES

N-arylsulfonylareniminosulfenamides. G. S. Levchenko, N. IA. Derkach, A. V. Kirsanov. Zhur. ob. khim. 32 no. 4, 1208-1212 Ap '62

SULFONATION

Sulfonation of aromatic hydrocarbons by the dioxane-sulfotrioxide complex. IU. T. Gordash, E. A. Lariutina, R. IA. Semiachko. Dokl. AN BSSR 6 no. 4:237-239 Ap '62.

SULFONES

Amino sulfides and amino sulfones. Part 22. Reaction of sulfonomethylation of amino acids. I. Kh. Fel'dman. Zhur. ob. khim. 32 no. 4 1043-1046 Ap '62.

SULFONIC ACIDS

Alkylation of 2-methylindole with esters of aromatic sulfonic acids. I. I. Levkoev, A. IA. Bashkirova. Zhur. prikl. khim. 35 no. 3:688-689 Mr '62

Change in some biological properties of xanthomonas campestris under the influence of thiosulfonic acid esters. Report No. 1. Change in the morphological, biochemical and serological properties of X. campestris. M. D. Kulykova'ka. Mikrobiol. zhur. 23 no. 4: 9-14 '61.

Composition and intramolecular distribution of copolymers of acrylonitrile with butylvinylsulfonate and methacrylamide. V. S. Diurnbaum, A. D. Abkin, V. S. Klimenkov. Khim. volok. no. 2, 10-14 '62.

Fluoromethyl esters of sulfuric acid. Part 7. Stability of difluoromethyl esters of fluorosulfonic and alkylsulfuric acids. G. A. Sokol'skii. Zhur. ob. khim. 32 no. 4 1310-1314 Ap '62.

Overalkalization, steam refining, and centrifugation in the production of oil soluble sulfonates. IU. N. Shekhter, V. V. Dunaev. Khim. i tekh. topl. i masel 7 no. 4 29-33 Ap '62.

SULFONYL GROUP

Reaction of diaryldisulfonyl imides with phosphorus pentachloride. E. S. Levchenko, N. IA. Derkach, A. V. Kirsanov. Zhur. ob. khim. 32 no. 4 1213-1216 Ap '62.

SULFUR
(see also subdivision under Carpathian Mountain region, Shor-Su region)

Sulfur content of some feeds obtained in the forest-steppe region and Polesye. E. P. Pshenichna. Visnyk sil'hosp. nauky 5 no. 3 105-107 Mr '62.

SULFUR—ISOTOPES

Reproduction in the presence of S^{35} in the unicellular alga Prolocentrum micans Fhl. occurring in large masses. L. A. Lanskaia. Trudy SBS 14, 328-333 '61.

SULFUR COMPOUNDS

Effect of sulfur-containing compounds and urea on the duration of medication sleep [with summary in English]. M. V. Korablev. Farm. i toks. 25 no. 1 47-55 Ja-F '62.

Mechanism of the protective antioxidative action of some sulfur-containing compounds. A. I. Zhuravlev, B. N. Tarusov. Radiobiologiia 2 no. 2:177-180 '62

Sulfur-containing organic substances as reagents for molybdenum. A. I. Busev, Chzhan Fan', Z. P. Kuzineva. Izv. vys. ucheb. zav., khim. i khim. tekh. 5 no. 1:17-21 '62.

SULFURIC ACID

Fluoromethyl esters of sulfuric acid. Part 7: Stability of difluoromethyl esters of fluorosulfonic and alkylsulfuric acids. G. A. Sokol'skii. Zhur. ob. khim. 32 no. 4 1310-1314 Ap '62.

Kinetics of iron and steel dissolution in sulfuric acid. L. V. Bavich, S. A. Balezin. Uch. zap. MGPI no. 146 277-287 '60.

Selection of air samples for fumes of sulfuric acid. E. M. El'terman, P. A. Kouzov. Gig. truda i prof. zab. no. 4: 52 '62.

Simultaneous discharge of zinc and hydrogen ions in sulfuric acid solutions. F. K. Bainletova, G. Z. Kir'iakov. Zhur. prikl. khim. 35 no. 4 903-905 Ap '62.

SUMERIAN ART see Art, Sumerian

SUMY PROVINCE—COLLECTIVE FARMS—ACCOUNTING

Business accounting in tractor brigades and auxiliary enterprises on collective farms in Sumy Province. V. I. Medvedko. Pyt. ekon. sil'. hosp. URSR no. 3:149-154 '61.

SUMY PROVINCE—SUGAR INDUSTRY

Fiftieth anniversary of the "Pervomaisk" Sugar Factory. V. Chernienko. Sakh. prom. 35[i. e. 36] no. 2:71-73 F '62.

SUN—CORONA

General structure of the solar corona of February 15, 1961. S. K. Vsekhsviatskii, V. I. Ivanchuk. Astron. tsir. no. 222:3-6 My '61.

Shklovskii, I. S. [Physics of the solar corona] Fizika solnechnoi korony. Izd. 2., perer. i dop. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1962. 516 p.

Structure of the solar corona observed in Dzhankoy on February 15, 1961. A. T. Nesmianovich. Astron. tsir. no. 222:6-7 My '61.

SUNFLOWER SEED OIL—PHYSIOLOGICAL EFFECT

Effect of corn oil on the processes of fatty degeneration of the liver and biosynthesis of cholesterol in experimental atherosclerosis [with summary in English]. M.K. Mikushkin, A.P. Golikov, V.M. Pinchuk. Biul. eksp. biol. i med. 53 no.4:53-56 Ap '62.

SUNFLOWER SEED OIL—TESTING

Changes occuring in the acid number of sunflower seed oils from high oil content species in connection with drying. V.M. Kopeikovskii, V.K. Kostenko. Maslo-zhir. prom. 28 no.3:12-14 Mr '62.

SUNFLOWERS

(see also subdivision under Rostov Province, Ukraine)

Diurnal variations in the amount of amino acids in a sunflower leaf. T.F. Andreeva, G.F. Korzheva. Dokl. AN SSSR 143 no.6:1455-1458 Ap '62.

Heat resistance of the epidermal cells of albino, green and chlolated sunflower plants. L.D. Avilova. TSitologiia 4 no.1:73-76 Ja-F '62.

SUPERCHARGERS

Cooling of supercharging air in turbine-piston engines. N.T. Romanenko. Izv. vys. ucheb. zav., mashinostr. no.1:57-61 '62.

Investigating the effectiveness of various methods of gas-turbine supercharging of a combined unit based on a four-stroke diesel engine. P.P. Mishchenko. Izv. vys. ucheb. zav., mashinostr. no.1:62-74 '62.

SUPERCONDUCTIVITY

X-ray diffraction examination of superconducting bismuth-platinum alloys in the temperature range 20°-640°. Kristallografiia 7 no.2:310-311 Mr-Ap '62.

SUPERSONIC NOZZLES

Nonequilibrium flow of air in nozzles. S.I. Anisimov, G.S. Romanov. PMTF no.1:76-81 Ja-F '62.

Study of heat transfer in the flow of a rarefied gas in a plane supersonic nozzle [with summary in English]. S.I. Kosterin, Iu.A. Koshmarov, Iu.V. Osipov. Inzh.-fiz. zhur. 5 no.4:3-9 Ap '62.

SUPPORT (DOMESTIC RELATIONS)

Collection of payments for the support of children. N. Kutorkina, S. Kats, V. Misiura. Rad. pravo no.2:85-89 Mr-Ap '62.

SUPPOSITORIES

Use of complexometric titration in determining bismuth and zinc in medical suppositories. V.V. Belikov, M.S. Shraiber, S.M. Bolotnikov. Apt. delo 11 no.1:50-53 Ja-F '62.

SUPPURATION

Bone homoplasty in children in conditions of suppurative infection [with summary in English]. A.F. Zverev, N.P. Lapshina. Vest. khir. no.4:60-66 '62.

Indications for the surgical treatment of suppurative foci in the pelvis minor in women. S.S. Dobrotin, G.A. Kalashnikova. Sbor. nauch. rab. Kaf. akush. i gin. GMI no.1:181-183 '60.

Late results of the operative treatment of a prolonged course of suppurative foci in the pelvis minor in women. G.A. Kalashnikova. Sbor. nauch. rab. Kaf. akush. i gin. GMI no.1:188-190 '60.

SURFACE-ACTIVE AGENTS

Mechanism involved in the action of surface-active compounds in the electrodeposition of metals studies by the radioactive-tracer technique. S.M. Kochergin, L.L. Khonina. Zhur. prikl. khim. 35 no.4:909-910 Ap '62.

Petroleum oil reclamation with the use of surface-active agents. A.I. Barkan, I.V. Brai, G.K. Ziller. Khim. i tekh. topl. i masel 7 no.4:33-38 Ap '62.

Simultaneous adsorption of surface-active compounds at the mercury - electrolyte interface. G.A. Dobren'kov, R.K. Bankovskii. Izv. vys. ucheb. zav., khim. i khim. tekh. 5 no.1:75-81 '62.

SURFACE CHEMISTRY

Synthesis and functional analysis of oxygen complexes on a surface of freshly cleft graphite. Iu.A. Zarifiants and others. Dokl. AN SSSR 143 no.6:1358-1361 Ap '62.

SURFACES

I.I. Rakhmaninov's article "Equilibrium on an elastic *nonextensible surface*." I.IA. Shtaferman. Ist.-mat. zbir. 2:77-88 '61.

SURFACES (TECHNOLOGY)

Equipment for the metallography of large metal products in shop conditions [from "Metal Progress," no 5, 1959]. S.D. Brik. Biul. TSIICHM no.10:59-60 '60.

SURGERY

(see also subdivision under Moldavia)

Risk in surgical interventions on elderly and senile patients. P.V. Ryzhov. Zdravookhranenie 5 no.1:15-16 Ja-F '62.

SURGERY—CONGRESSES

Third congress of surgeons of the Moldavian S.S.R. Zdravookhranenie 5 no.1:64 Ja-F '62.

SURGERY, ELECTROLYSIS IN see Electrosurgery

SURGERY, VETERINARY see Veterinary surgery

SURGICAL INSTRUMENTS AND APPARATUS

Resections of the lungs using the UKB-25 and UKL-60. P.I. Androsov, G.M. Galaiko. Grud. khir. no.2:34-37 '62.

SURGICAL OPERATIONS see Operations, Surgical

SURIKOV, VASILII IVANOVICH, 1848-1916

Druzhinin, S.N. [V.I. Surikov's painting "Boiarynia Morozova."] Kartina V.I. Surikova "Boiarynia Morozova." Avtor teksta i sostavitel' S.M. Druzhinin. Moskva, Sovetskii khudozhnik, 1960. 22 p. (Sokrovishcha russkogo iskusstva)

SURKHAN DARYA PROVINCE—AGRICULTURE

We are struggling for the further upsurge of agriculture. V. Belich. Nar. khoz. Uzb. 4 no.3:64-65 Mr '62.

SURVEYING

Special hydraulic triangulations and height basis for the laying out and observation of the strains of the basic foundation structures of hydroelectric power systems. A.S. Zentsov. Energ. strol. no.25:54-58 '61.

SURVIVAL (AFTER AIRPLANE ACCIDENTS, SHIPWRECKS, ETC.)

Possibility of human survival in the sea without a supply of food and water. N.I. Matuzov. Gig. i san. 26 no.5:76-81 My '61.

SUSLIKS see subdivision under West Kazakhstan Province

SUSLIKS—BIOLOGICAL CONTROL

Experiments with the use of bacteria in controlling susliks. M.I. Prokhorov, V.T. Bobovich. Trudy Vses. inst. sel'khoz. mikrobiol. no.14:353-360 '58.

SUSLOV, GAVRIIL KONSTANTINOVICH, 1857-1935

Life and scientific activity of G.K. Suslov. A.P. Shvurman. Ist.-mat. zbir. 2:63-76 '61.

Review of the scientific activities of G.K. Suslov. T.V. Putiata, B.N. Fradlin. Ist.-mat. zbir. 2:99-103 '61.

SUSNIKOV, ALEKSANDR ALEKSEEVICH, 1901-

The sixtieth birthday of A.A. Susnikov. Biul. izbel.-bel. no.1:47 Ja '62.

SUSPENDED RAILROADS see Railroads, Suspended

SUSPENSIONS (CHEMISTRY)

Determining the characteristics of titanium dioxide suspensions. V.M. Kharitonov, L.A. Morgun. Khim. volok. no.2:20-23 '62.

Organosols and plastisols. O.A. Sadovskaia. Lakokras. mat. i ikh prim. no.1:90-91 '62.

SUTURES

Apparatus for suturing the blood vessels in restored blood circulation. V.I. Pronin, N.B. Dobrova. Grud. khir. no.2:100-102 '62.

Gritsman, IU.IA. [Tantalum mechanical suture in stomach resections] Tantalovyi mekhanicheskii shov pri rezektsiiakh zheludka. Moskva, Medgiz, 1961. 78 p. (DNLM)

Introduction of the mechanical suture in operations on the large blood vessels. A.M. Gaselovich, N.S. Gorkin, B.A. Smirnov. Grud. khir. no.2:93-94 '62.

Method for mechanical suturing of a vascular transplant to the wall of the heart with an apparatus designed by the authors. M.O. Strotkina, S.V. Rynetskii, IU.I. Morozov. Grud. khir. no.2:94-100 '62.

Physically and biologically hermetic sutures of the large intestine. A.A. Zaporozhets. Dokl. AN BSSR 6 no.4:263-265 Ap '62.

Regeneration of the arterial wall following the application of a vascular suture using a peritoneal perforated ring. E.IA. Semeniuk. Zdravookhranenie 5 no.1:27-29 Ja-F '62.

Results of neurotenorrhaphy on the upper extremities. IU.M. Volobuev. Zdrav. Turk. 6 no.1:21-24 Ja-F '62.

SUVOROV, ALEKSANDR VASIL'EVICH, 1730-1800

Military aphorisms of A.V. Suvorov. Voen.-ist. zhur. 4 no.1:124-126 Ja '62.

SVABINSKY, MAX, 1873-1962

In memory of M. Svabinsky and K. Pokorny. Iskusstvo 25 no.3:76-77 '62.

SVERDLOVSK—ELECTRIC SUBSTATIONS

Zubritskii, B.S. [From practices of the operation of traction substations in Sverdlovsk] Iz opyta ekspluatatsii tiagovykh podstantsii g. Sverdlovska. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1961. 42 p.

SVERDLOVSK—HISTORY

Panfilov, A., and K. Rozhdestvenskaia, eds. Sverdlovsk. [Sverdlovsk] Sverdlovskoe obl., gos. izd-vo 1946. 465 p.

SVERDLOVSK—LOCAL TRANSIT

Zubritskii, B.S. [From practices of the operation of traction substations in Sverdlovsk] Iz opyta ekspluatatsii tiagovykh podstantsii g. Sverdlovska. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1961. 42 p.

SVERDLOVSK—NEWSPAPERS—SECTIONS, COLUMNS, ETC.

"Windows on life." I. Shubin. Sov. pech. no.3:47 Mr '62.

SVERDLOVSK—RUBBER MACHINERY

Automation of horizontal diagonally-[illegible]
B.M. Manuilo. Kauch. i rez. 21 no.4:40-4[illegible]

SVERDLOVSK—TECHNICAL EDUCATION [illegible] ASPECTS

Physiological and hygienic evaluation of [illegible] ditions of technical school undergraduates [illegible] mary in English] A.M. Kirpan, [illegible] san. 26 no.6:38-44 Ag '61.

SVERDLOVSK—TELEGRAPH—EMPLOYEES

The workers of the Sverdlovsk telegraph [illegible] the right to be called an enterprise of [illegible] A.G. Vasilevskii. Vest. svias. [illegible] My-Je '62.

SVERDLOVSK PROVINCE—JOURNALISM, LABOR

A voluntary worker came to the newspaper [illegible] kin. Vest. Mosk. un. Ser. 7: Filol., zhur. [illegible] My-Je '62.

SVERDLOVSK PROVINCE—MANUAL TRAINING

Akademiia pedagogicheskikh nauk RSFSR. [illegible] tut trudu i tekhniki pedagogiki. [Manual training in eight-year schools; conference on the work of the Sverdlovsk Province teachers] Iz opyta vospitaniia v vechernikh shkole, materialy skoi konferentsii uchitelei Sverdlovskoi [illegible] red. L.N. Novikovoi. Moskva, Izd-vo Akad. ped. nauk RSFSR, 1961. 190 p. (Pedagogicheskie [illegible]

SVERDLOVSK PROVINCE—MINING INDUSTRY AND FINANCE

Economic efficiency of basic capital [illegible] enterprises. D.G. Sladukhin. [illegible] gor. khoz. no.3:65-72 '61.

SVERDLOVSK PROVINCE—OLD-AGE HOMES

Now it is their home! Sots. obesp. [illegible]

SVERDLOVSK PROVINCE—RUSSIAN NEWSPAPERS

A voluntary worker came to the newspaper [illegible] kin. Vest. Mosk. un. Ser. 7: Filol., zhur. [illegible] My-Je '62.

SVERDLOVSK PROVINCE—TOURISM

Tourists, on the march! F. Kanlighin. [illegible] 18 no.6:29-30 My '63.

SVERDLOVSK REGION—SOIL MOISTURE

Evaporation from and moisture circulation [illegible] fallow fields in the vicinity of Sverdlovsk [illegible] years [with summary in English] S.P. Pas[illegible] vovedenie no.4:48-54 Ap '62.

SVESHNIKOV, VLADIMIR PAVLOVICH, 1913-[illegible]

Vladimir Pavlovich Sveshnikov; obituary. [illegible] prom. 28 no.3:32 Mr '62.

SVETLOV, MIKHAIL ARKAD'EVICH, 1903-

"Mikhail Svetlov" by I.I. Lukasheva, Rezo[illegible] G. Shvetsova. Vop. lit. 6 no.4:227-230 [illegible]

SVETLYY (ORENBURG PROVINCE)—NEKRASOVKA

Satin in the steppe. N. Chernavin. Komsomol. [illegible] 27-30 Ap '62.

SWAMP FEVER see Infectious anemia

SWAMPS see subdivision under Lvov Region, Maritime Territory

SWEDEN—COMMUNIST PARTY

Swedish Social Democrats and the policy of the state. Hilding Hagberg. Kommunist [illegible] My '62.

SWEDEN—COMMUNIST PARTY—CONGRESSES

Sveriges kommunistiska parti. 19th Kongress, [illegible] 1961. [The 19th Congress of the Communist Party of Sweden, January 5-8, 1961] XIX s'ezd Kommunisticheskoi partii Shvetsii; Stokgol'm, 5-8 ianvaria 1961 g. Moskva, Gos. izd-vo polit. lit-ry, 1961. 163 p. (Dokumenty i materialy zarubezhnykh kommunisticheskikh i rabochikh partii)

SWEDEN—DESCRIPTION AND TRAVEL

Contrasts in Swedish life. A. Fridlianskii, [illegible] vich. Obshchestv. pit. no.1:60-63 Ja '63.

SWEDEN—ELECTRIC POWER PLANTS

Swedish underground thermal electric [illegible] capacity of 600 Mw. A.P. Smikov. Teploenergetika no.5:76-79 My '62.

SWEDEN—LABOR AND LABORING CLASSES

Backstrom, Knut. [History of the labor movement in Sweden. Translated from the Swedish] Istoriia rabochego dvizheniia v Shvetsii. Red. i vstup. stat'ia V.V. Pokhlebkina. Moskva, Izd-vo inostr. lit-ry, 1961. 331 p. (CSt-H)

SWEDEN—MINING ENGINEERING

New Swedish method of upraise working. [From foreign publications]. N.S. Demin. Izv. vys. ucheb. zav.: Chernaia met. 3 no.2:171-174 '60.

SWEDEN—SHIPBUILDING

Swedish-built ships [compiled from data of the Swedish firm "Gotaverken"] Sudostroenie 28 no 3.70-71 Mr '62

Swedish-built ships [from foreign journals] Sudostroenie 28 no 4 75-76 Ap '62

SWEDEN—SOCIALIST PARTY

Swedish Social Democrats and the policy of the Communists. Hilding Hagberg Kommunist 39 no. 8 101-112 My '62.

SWEDEN—TRADE UNIONS

Backstrom, Knut. [History of the labor movement in Sweden. Translated from the Swedish] Istoriia rabochego dvizhenila v Shvetsii. Red i vstup. stat'ia V. V. Pokhlebkina Moskva, Izd-vo inostr. lit-ry, 1961 331 p.
(CSt-H)

SWEDEN—WOODWORKING MACHINERY

Automatic edge cross-cutting and sorting machine unit (from "Travaruindustrien," no 16, 1961) Der prom 11 no 4 31 Ap '62.

SWIMMING

The Kharkov Municipal Council of the Union of Sports Associations and Organizations implements the resolution passed by the Presidium of the Central Council of the Union "On the inadequacy of swimming work and measures for its improvement." Teor. i prak. fiz kul't 25 no. 4 73 Ap '62.

"New textbook on swimming, including water polo and diving"; edited by A. K. Dmitriev and N. F. Stolbova Reviewed by V. M. Butrin Teor. i prak. fiz kul't. 25 no. 2:57-59 F '62.

Studying the butterfly-dolphin style at the Children's Swimming School of the State Central Physical Culture Institute. N. Zh. Bulgakova, A. M. Karpova, Iu. P. Lukashin. Teor. i prak. fiz. kul't. 25 no. 2 69-71 F '62

Swimming relays on all the seas and rivers of the country V. Tregubenko. Voen znan 38 no 4 37 Ap '62

SWINE

(see also subdivision under Penza Province; Vologda Province)

Biological stimulation and clitorotomy in fattening swine. A. A. Buz'ko, I. A. Ruban, I. D. Kravchenko, Veterinariia 38 no. 1:23-24 Ja '61.

Economic effectiveness of the mechanization of heavy work on dairy and swine farms L. H Halamaha Pyt. ekon. sil'. hosp. URSR no 3:120-128 '61

Two encounters. I. Fetisov. Neva no. 3 213-214 '62.

SWINE—DISEASES AND PESTS

Abortions in swine caused by leptospirosis. P. I. Saloi, K. A. Shitov, S. I. Solov'ev. Veterinariia 37 no. 8:39-40 Ag '60

Associated immunization of swine against the most dangerous infectious diseases. I. P. Lysenko, A. M. TSymbal. Veterinariia 38 no. 1 30-33 Ja '61.

Characteristics of leptospirosis in swine V. I. Degtiarev. Veterinariia 37 no. 12:29-34 D '60.

Elimination of the paratyphoid of baby pigs. I. T. Serezhenko, B. A. Kruglikov. Veterinariia 37 no. 8:42-44 Ag '60.

Histological investigation of parenchymatous organs of swine affected by infectious atrophic rhinitis. V. P. Ivanov, G. M. Blazhevich. Veterinariia 37 no. 10:42-43 O '60.

"Hoof diseases in cattle and swine" by A. F. Burdeniuk. Reviewed by V. A. Nikanorov. Veterinariia 37 no. 10:86-87 O '60.

Materials on the study of leptospirosis in swine. S. IA. Liubashenko and others. Veterinariia 37 no. 8:33-38 Ag '60.

Neural form of Aujesky's disease in adult swine. M. G. Nikitin. Veterinariia 37 no. 8:41-42 Ag '60.

Nutritional edema of baby pigs and therapeutic effectiveness of calcium chloride. Z. A. Manevich, E. I. Vějiná. Veterinariia 38 no. 1 30-40 Ja '61.

Pathological anatomy and some problems in the pathogenesis in infectious atrophic rhinitis in swine. N. G. Tolstova-Partitskaia, A. M. Shcheglov, G. A. Krasnikov. Veterinariia 38 no. 1:33-38 Ja '61.

Some problems of the epizootiology of the infectious atrophic rhinitis in swine [in Armenian with summary in Russian]. A. V. Abovian. Izv. AN Arm. SSR. Biol. nauki 15 no. 3:93-98 '62.

Streptomycin in listerellosis of swine. M. F. Sakhno. Veterinariia 37 no. 12:58 D '60.

SWINE—FEEDING AND FEEDS

Fattening swine on food rations containing a high proportion of pulse seeds [with summaries in English, German, and French]. F. S. Popekhina. Vest. sel'khoz. nauki 7 no. 3:88-95 Mr '62.

Importance of fat content of feeds in raising young pigs. Harald Tangl Vest. sel'khoz. nauki 7 no. 3:153-156 Mr '62.

Vitamin A and C level in swine diets and ways for raising it. P. N. TSerulik. Trudy AZVI 9:85-90 '56.

SWINE BREEDING see subdivision under Dnepropetrovsk Province

SWINE FEVER see Hog cholera

SWINE HOUSES AND EQUIPMENT

(see also subdivision under United States)

Automatic farm L. K. Grebet' Ukr. mat. no 3 2-3 Mr '62

SWITCHING THEORY

Concerning a canonical method for the synthesis of switching circuits [with summary in English] A Sh Blokh. Avtom. i telem. 23 no 4:503-505 Ap '62

Statistical evaluation of loss probability and other characteristics of switching circuits G. P Basharin Elektrosviaz' 16 no 3 41-48 Mr '62

SWITZERLAND—RAILROADS—SIGNALING

Centralized traffic control devices on Swiss railroads G. A. Krasovskii Avtom., telem i sviaz' 6 no 1 45 Ap '62

SWORDS

A sword guard bearing Jol'a signature V. Dashkevich Soob. Gos. Erm. no. 21:39-41 '61.

SWORDS, JAPANESE

Collection of Japanese sword fittings in the State Hermitage [with summary in English] V. T. Dashkevich Trudy Gos. Erm. 5:209-211 '61

SYMBIOSIS

How animals help each other. Igor' Akimushkin Vokrug sveta no. 4:47 Ap '62.

SYMBOLIC AND MATHEMATICAL LOGIC see Logic, Symbolic and mathematical

SYMPATHETIC NERVOUS SYSTEM see Nervous system, Sympathetic

SYMPHONIES—ANALYSIS, APPRECIATION

Leningrad. Gosudarstvennaia konservatoriia. Kafedra istorii muzyki SSSR. [Fifty-five Soviet symphonies] 55 sovetskikh simfonii. Leningrad, Sovetskii kompozitor, 1961. 458 p.

SYMPHONY ORCHESTRAS see subdivision under Krasnoyarsk; Lvov, Moscow, Odessa

SYNCHRONOUS MOTORS see Electric motors, Synchronous

SYNCHROTRON

Vasilevskaia, D. P., and others. [Theory and the modeling of a circular synchro-cyclotron with a spiral magnetic field] Voprosy teorii i modelirovaniia kol'tsevogo fazotrona so spiral'noi strukturoi magnitnogo polia. Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 7 p.

Zhuravlev, A. A., and others. [Method for electron acceleration in a circular synchro-cyclotron] Ob odnom metode uskoreniia elektronov v kol'tsevom fazotrone. Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 11 p.

SYNTHETIC FIBERS see Textile fibers, Synthetic

SYPHILIS—BIBLIOGRAPHY see Bibliography—Syphilis

SYR DARYA VALLEY—EVAPORATION

Some results of research on the determination of water losses through evaporation and transpiration in the basin of the Syr Darya River G A. Akhmedov Vop. gidr no. 3,67-76 '61.

SYR DARYA VALLEY—PLANTS—TRANSPIRATION

Some results of research on the determination of water losses through evaporation and transpiration in the basin of the Syr Darya River. G. A. Akhmedov. Vop. gidr. no. 3:67-76 '61.

SYRIA—POLITICS AND GOVERNMENT

Disintegration of the United Arab Republic. IA. Pliasun. Rad. pravo no. 2 109-113 Mr-Ap '62.

SYRIAN POTTERY see Pottery, Syrian

SYRINGES

Injections with a "tubosyringe." N. V. Bolkov. Fel'd. i akush. 27 no. 3,45-46 Mr '62.

SYRINGOMYELIA

Case history of fecal peritonitis in syringomyelia. TS. M. Geller. Klin. med. no. 2:138-139 '62.

SYSTEMS (CHEMISTRY)

Akademiia nauk SSSR. Institut nauchnoi informatsii. [Manual on solubility] Spravochnik po rastvorimosti. Moskva, Izd-vo Akad. nauk SSSR.
Vol. 1. [Binary systems] Binarnye sistemy.
Book 2. 1962. 1959 p.

Calculated solubility isotherms in eutonic-type systems. F. M. Perel'man. Zhur. neorg. khim. 7 no. 4:698-699 Ap '62.

Characteristics of the layer separation field of transition type ternary systems. Part 1. N. I. Nikurashina, N. V. Kozlova, R. V. Mertslin. Zhur. ob. khim. 32 no 4:1017-1022 Ap '62.

Dispersion of the dielectric constant in the critical region of binary liquid systems. K. V. Arkhangel'skii. Dokl. AN SSSR 143 no. 6:1378-1379 Ap '62.

Effect of calcium sulfide on the phase composition of slags of the system CaO - MgO - SiO_2. A. V. Rudnev, A. S. Panov Izv AN SSSR Otd khim nauk no 4 554-557 Ap '62

Melting diagrams of the system Li_2F_2 - BaF_2 - Na_2Cl_2 V. I. Vereshchagina Zhur neorg. khim 7 no 4: 873-876 Ap '62

Optimal projections for the presentation of simple and reciprocal systems with an arbitrary number of components F. M. Perel'man Zhur neorg khim. 7 no 4, 900-902 Ap '62.

Problems and tasks of Soviet inorganic chemistry in connection with the decisions of the 22d Congress of the CPSU. Objectives of the study of fused salts in the light of the decisions of the 22d Congress of the CPSU. N. K. Voskresenskaia Zhur neorg khim 7 no 4 709-711 Ap '62

Prognosis of approximate melting points of certain alloys in the system Ni - Ti - Cr - Mo - W - Nb F. M. Perel'man Zhur. neorg khim 7 no. 4,814-819. Ap '62

Ternary system urea - manganese chloride - water at 20 and 30°C I. G. Druzhinin, K. Rymemdeev. Izv. vys. ucheb zav., khim. i khim. tekh. 5 no. 1:7-11 '62.

Ternary system urea - nickel sulfate - water at 25 and 40°C. I. G. Druzhinin, A. Kalkiev. Izv. vys. ucheb. zav., khim. i khim. tekh. 5 no. 1:3-6 '62.

SZYMANOWSKI, KAROL, 1882-1937

A distinguished artist. Z. Lissa. Sov muz 26 no. 4: 119-123 Ap '62

On the aesthetics of K Szymanowski A Farbshtein Sov muz 26 no 4 123-126 Ap '62.

TABAKOV, OLEG

Oleg Tabakov is a "type" actor. M Turovskaia. Iak. kino no. 3:64-69 Mr '62.

TABATSKURI LAKE REGION—SUBSIDENCES (EARTH MOVEMENTS)

Origin of the Lake Tabatskuri trough in connection with the development of volcanism in the northern part of the Akhalkalaki Highland. N. N. Shcheptinskaia. Trudy Lab. vulk. no. 21:75-82 '62.

TABATSKURI LAKE REGION—VOLCANOES

Origin of the Lake Tabatskuri trough in connection with the development of volcanism in the northern part of the Akhalkalaki Highland. N. N. Shcheptinskaia Trudy Lab. vulk. no. 21:75-82 '62.

TACHOMETER

Study of a tachometer bridge operating as a speed transducer V. L. Ankhimiuk, G. P. Sheina. Izv. vys. ucheb zav., energ. 5 no 3:39-42 Mr '62

TAGALOG LANGUAGE—DICTIONARIES—RUSSIAN

"Tagalog-Russian dictionary," compiled by M. Krus, S. P. Ignashev Reviewed by N. M. Il'chuk. Nar. Azii i Afr no 2,247-248 '62.

TAGANROG—AGRICULTURAL MACHINERY INDUSTRY

For you, toilers of the fields. S Logvinov Sov. profsoiuzy 18 no 8:12-13 '62

TAGORE, SIR RABINDRANATH, 1861-1941—BIBLIOGRAPHY see Bibliography—Tagore, Sir Rabindranath, 1861-1941

TAILINGS (METALLURGY) see subdivision under Magnitogorsk

TAILORING

(see also subdivision under France)

From rare books. I. Busalaev. Neva no. 2:222 '62.

Use of "flizelin" interlining in the tailoring of men's suits and coats. V. V. Astashina Shvein prom. no. 2:28 Mr-Ap '62.

TAJIK DEPRESSION—THALLIUM

Certain minerals containing thallium in the Darayno deposit (Tajik Depression). V. V. Mogarovskii. Trudy AN Tadzh. SSR 104 no. 1:47-53 '59.

TAJIKISTAN—ANTIQUITIES

From the work of a detachment engaged in collecting materials for an archaeological map. V. A. Ranov. Trudy Inst. ist., arkheol. i etn. AN Tadzh. SSR 27 155-158 '61.

TAJIKISTAN—APRICOT—VARIETIES

Improving the selection of apricot varieties grown for drying purposes in northern Tajikistan. A. P. Pulatov, A. A. IAdrov. Trudy Inst. sad. AN Tadzh. SSR 2:39-65 '60.

TAJIKISTAN—BORON

Research methods in prospecting for boron deposits in Tajikistan. M. Z. Kantor. Trudy AN Tadzh. SSR 104 no. 1:149-167 '59.

TAJIKISTAN—COTTON GROWING

Aid for cotton growers. S. Alekseandrov. Oktir. truda i sots. strakh. 5 no. 4:15 Ap '62.

TAJIKISTAN—DESCRIPTION AND TRAVEL

My Tajikistan. Dzhalol Ikrami. Sov. Ukr. 12 no. 51 159-167 My '62.

TAJIKISTAN—EXCAVATIONS (ARCHAEOLOGY)

Archaeological studies conducted during 1957-1959 in the valley of the Magian Darya B Stavisk11 Soob Gos Erm no 21:57-60 '61

TAJIKISTAN—FRUIT—DISEASES AND PESTS

New methods for controlling fruit culture pests V M Kadykova, N I Riabtseva, P M Stepanov Trudy Inst sad AN Tadzh SSR 2 29-38 '60

TAJIKISTAN—FRUIT CULTURE

Fruit culture and viticulture in Tajikistan during the past 30 years A A Aliev Trudy Inst sad AN Tadzh SSR 2 3-12 '60

TAJIKISTAN—GEOLOGY—BIBLIOGRAPHY

Literature on the geology, geomorphology and hydrogeology of Tajikistan, 1951-1955 Trudy AN Tadzh SSR 104 no 1:163-177 '59,

TAJIKISTAN—HORTICULTURAL RESEARCH

Some results of studying the nutrition in fruit, berry, and vegetable plants in central Tajikistan by the method of tagged atoms P P Chuvaev and others. Trudy Inst sad AN Tadzh SSR 2 187-221 '60.

TAJIKISTAN—JOURNALISTS

Bring the decisions of the plenum into life! O Soholev Sov pech no 4 42 Ap '62

TAJIKISTAN—KAOLIN

Minerals of the kaolin group in the Dzhizhikrut mercury-antimony deposits, T. I Novikova, Trudy AN Tadzh SSR 104 no 1:61-75 '59

TAJIKISTAN—LEMON

Some methods for increasing lemon yields in trenches V I TSulaia, Trudy Inst. sad AN Tadzh SSR 2 127-131 '60

Yield of Meier lemon on collective farms of Tajikistan, I M Sheftel' Agrobiologiia no 2 294-295 Mr-Ap '62

TAJIKISTAN—MINE DUSTS

Silicosis prevention in some Tajik mines, Kh U. Mumi-nov Zdrav. Tadzh. 9 no 1 23-25 Ja-F '62.

TAJIKISTAN—MINERALOGICAL SOCIETIES

Report on the activity of the Tajikistan Branch of the All-Union Mineralogical Society from October 1953 to July 1958 Trudy AN Tadzh. SSR 104 no 1:159-161 '59

TAJIKISTAN—MINERALOGY

Some characteristics of the paragenetic associations of skarns, iron oxides, and sulfides in the Maykhura skarn deposit. N, A, Blokhina Trud, AN Tadzh SSR 104 no 1.55-59 '59

TAJIKISTAN—MOUNDS

Explorations of nomads' burial mounds on the territory of Uarushana. N, Negmatov, E.D.Saltovskaia, T. P. Kiiatkina. Trudy Inst. ist., arkheol. i etn. AN Tadzh. SSR 27 137-146 '61.

TAJIKISTAN—PLANT LICE

Results and prospects of studies concerning the plant lice (Homoptera, Aphidae) of Tajikistan [with summary in English] M. N Narzikulov Zool. zhur 41 no. 2 221-229 F '62.

TAJIKISTAN—POMEGRANATE

Increasing pomegranate yields by denser planting A. A Kuznetsova Trudy Inst. sad AN Tadzh. SSR 2 133-137 '60

TAJIKISTAN—POTATOES—VARIETIES

Two-crop potato seedlings. N. V Lebedeva. Trudy Inst sad. AN Tadzh. SSSR 2 153-158 '60.

TAJIKISTAN—SOILS

International Congress of Soil Science, 7th, Madison, Wis., 1960. [Reports of soil scientists, agricultural chemists, and specialists in land reclamation of Tajikistan] Doklady pochvovedov, agrokhimikov i melioratorov Tadzhikistana. Stalinabad, Akad. nauk Tadzhikskoi SSR, 1960. 72 p.
(DA)

TAJIKISTAN—STATISTICS

[Economy of the Tajik S. S. R. in 1960; statistical collection] Narodnoe khoziaistvo Tadzhikskoi SSR v 1960 godu; statisticheskii sbornik. Dushanbe, Gos. stat. izd-vo, 1961, 329 p.

TAJIKISTAN—STOCK AND STOCKBREEDING

Zootechnical and veterinary service in the seasonal pasture system of livestock farming in the Tajik S. S. R. P P. Rakhmanin. Veterinariia 38 no. 1:18-20 Ja '61.

TAJIKISTAN—STONE AGE

Exploring the Stone Age monuments of southern Tajikistan in 1958. A. P. Okladnikov. Trudy Inst. ist., arkheol. i etn. AN Tadzh. SSR 27:5-17 '61.

TAJIKISTAN—THALLIUM

Sulfide minerals containing thallium in Tajikistan. A. V. Plesko. Trudy AN Tadzh. SSR 104 no. 1:41-45 '60.

TAJIKISTAN—TROPICAL FRUIT

Subtropical fruit culture in Tajikistan. B S. Rozanov. Trudy Inst sad. AN Tadzh SSR 2:107-115 '60.

TAJIKISTAN—VEGETABLE GARDENING

New material and technical basis for vegetable growing in Tajikistan G O Zeman. Trudy Inst. sad AN Tadzh. SSR 2 145-151 '60

TAJIKISTAN—VEGETABLES

Production of high-quality vegetable and vine crop seeds in Tajikistan Z I Sachkova. Trudy Inst sad AN Tadzh. SSR 2 163-166 '60

TAJIKISTAN—VINE CROPS

Production of high-quality vegetable and vine crop seeds in Tajikistan. Z. I Sachkova Trudy Inst sad AN Tadzh SSR 2 163-166 '60.

TAJIKISTAN—VITICULTURE

Some viticultural problems in the dry-farming areas of Tajikistan, preliminary report. I V. Podkolzin Trudy Inst sad. AN Tadzh SSR 2 67-73 '60

TAKFON REGION—HUNTITE

Huntite from the Takfon deposit. A. D. Danilova. Trudy AN Tadzh. SSR 104 no 1:77-83 '59

TALLINN—INDUSTRIAL EQUIPMENT

Conference on the adoption of new machinery in Tallinn enterprises. S I. Zaits. Sudostroenie 28 no. 3:76 Mr '62.

TALLINN—UNIVERSITIES AND COLLEGES

Tallinn Politehniline instituut. [Technical Institute of Tallinn; handbook for applicants] Spravochnik dlia postupaiushchikh. [Tallinn] 1961. 93 p.

TALOVAYA DISTRICT—COOPERATIVE SOCIETIES

Active helpers. A Davydov. Sov potreb koop. 6 no 4 14-15 Ap '62

TALYSH MOUNTAINS—MINERALOGY

Veinstones in the Talysh Mountains [in Azerbaijani with summary in Russian]. M, N, Radzhabov, K, A, Iamailov. Izv. AN Azerb. SSR Ser. geol. -geog. nauk no. 6:69-76 '59.

TAMBOV—FIRE EXTINCTION

No dammage in apartments V. Podkidyshev. Pozh. delo 8 no. 4,20 Ap '62.

TAMBOV PROVINCE—PINE

Productivity of young pine stands in relation to the methods of their establishment. V. F. Lebkov Trudy Inst lesa i drev 50:21-42 '61.

TAMBOV PROVINCE—SUGAR BEETS—TRANSPORTATION

Efficient sugar beet transportation. M. Andrievskii, V. Zlazev. Avt. transp. 40 no. 4:15-16 Ap '62.

TAMBOV PROVINCE—WOMEN IN PUBLIC LIFE

Resolutions of Women's Councils. N. Vasil'eva, N. Kazmin, V. Ul'ianov. Pozh delo 8 no. 3 6-7 Mr '62.

TANGANYIKA—PRESS

Ukuru, notes on the press of Tanganyika. O. Orestov. Sov. pech. no. 2:55-57 F '62.

TANK, MAKSIM, pseud.

"My daily bread", verse by Maksim Tank. Reviewed by L. Salavei Belarus' 19 no 4:20 Ap '62.

TANK TRUCKS

Using flowmeters in checking tank trucks. A. N. Pavlovskii. Izm. tekh. no. 4 43-44 Ap '62.

TANK VESSELS

Tank vessels are on the way to join the whaler fleet. Mor flot 22 no. 2:47-48 F '62

TANK VESSELS—CLEANING

Cleaning petroleum tank vessels from gasoline residues. V. Shcherbakov, Sh. Sibgatulin. Rech. transp. 21 no. 3:25 Mr '62.

TANK WARFARE

Antitank defense (as revealed by foreign press data). V. Avilin. Voen. vest. 41 no 4:121-124 Ap '62.

Antitank rocket (as revealed by foreign press data). E. Kosyrev Starsh. -serzh. no. 4:24 Ap '62.

Meeting engagement of a tank battalion. L. Korzun. Voen. vest. 41 no. 4:17-20 Ap '62.

Readiness for attack at 23.00 hours. N. Tarntorin. Starsh. -serzh. no 4:21-23 Ap '62.

Tank company attacks V. Selivokhin. Voen. znan. 38 no 4:25-26 Ap '62.

Tank company in a meeting engagement. A. Kholodkov. Voen. vest. 41 no. 4:20-23 Ap '62

Teach under complex conditions. Voen. vest. 41 no. 3: 110-113 Mr '62.

TANKS

"Design and construction of steel tanks for petroleum products" by M. K. Safarian, O. M. Ivantsov. Reviewed by E. N. Lessig. Stroi. truboprov. 6 no. 11:31 N '61.

Oil losses control in fields. V. I. Titkov. Trudy VNII no. 22:25-38 '59.

TANKS (MILITARY SCIENCE)

(see also subdivision under Czechoslovakia)

Aleksandr Chernysh, a private of the party. A. Kireev. Sov. voin 44 no. 1:4-5 Ja '62.

Communications in a tank battalion [illegible] Voen. vest. 41 no. 4,34-36 Ap '62.

Company of accurate gunners. V. Kovalets Voen. vest. 41 no 1:102-104 Ap '62.

"Dzhikaev's secret" by S. Nemtsev. Reviewed by I. [illegible] dochkin Starsh. -serzh no. 4:7 Ap '62

Engineer arrangements on the march of a tank [illegible] A. Demidov, V Gazetov. Voen. vest 41 [illegible] Mr '62

"Firing from a tank" by N. I. Gusev. Reviewed by [illegible] znan 38 no 4 30 Ap '62

From a concealed firing position. A [illegible] Starsh. -serzh no. 2 14 F '62.

He used inertia and increased the speed [illegible] Starsh. -serzh. no 1 20 Ja '62.

How to couple a trawl more quickly V [illegible] vest. 41 no. 3 117-118 Mr '62.

In order to become a classed tank driver [illegible] Starsh. -serzh no 2 14-15 F '62.

In three training locations. M. Petrov [illegible] no. 3:6-7 Mr '62

Instruction in driving tanks. P Kireev Voen. vest. 41 no. 3 60-62 Mr '62.

March of a company at night. A. Puklov Voen. vest. 41 no. 3:20-23 Mr '62.

Party group of a platoon. B. IAshenkin. Komm. Vooruzh. Sil 2 no. 6:55-57 Ap '62

Patrol tank. G Petrovskii Starsh. -serzh [illegible] Ja '62.

Tank platoon on separate reconnaissance [illegible] kov Voen vest 41 no. 1:25-26 Ap '62

This is very important P. Podzakhodnikov Voen. vest 41 no. 3:35-36 Mr '62

TANKS (MILITARY SCIENCE)—COLD WEATHER OPERATION

How to determine the passability of a [illegible] M Lazebnikov Voen vest. 41 no 3:93-96 Mr '62.

The march is behind G Soutin Starsh. serzh. 24-25 Ja '62

TANNENBERG, BATTLE OF, 1410

Karamzin, G. B. [Battle of Gruenewald, a popular account] Bitva pri Gr[illegible]nvald'e, populiarnyi ocherk [illegible] Gos. uchebno-pedagog. izd-vo, 1961 106 p
(MIU)

TANNING

Using chromium silicate mixtures for the tanning [illegible] leather. M. Sh. Ovrutskii, R L. Kurtoliusa [illegible] Pugach. Kozh. -obuv. prom. 4 no 2 35-37 F '62

TANNU-OLA RANGE—CARBONATES

Ancient zones of oxidation of carbonate ore [illegible] western Tuva [with summary in English] A [illegible] Mitropol'skii. Geol i geofiz. no 1 67-72 '62.

TANNU-TUVA see Tuva A.S.S.R.

TANTALUM

(see also subdivision under Sayan Mountains)

Commercial niobium and tantalum raw material [illegible] eign countries. B. I. Kagan. Trudy Inst mineralogii [illegible] i kristallokhim i red. elem. no. 2:387-393 '59

Ratio of tantalum and beryllium in some pegmatites [illegible] S. S. Sheberbin Geol rud mestorozh [illegible] Mr-Ap '62.

Tantalum diffusion in monocrystalline germa[illegible] Taghov, A. A. Kuliev. Izv. AN Azerb. SSR [illegible] i tekh. nauk no. 1 65-68 '62

TANTALUM—THERAPEUTIC USE

Gritsman, IU. IA. [Tantalum mechanical suture in stomach resections] Tantalovyi mekhanicheskii [illegible] pri rezektsiiakh zheludka. Moskva, Medgiz, 1961. 78 p.
(DNLM)

TANTALUM-NICKEL-NIOBIUM ALLOYS

Compounds of the type W_5Fe_7 in the systems [illegible] Nb - Ni. P. I. Kriplakovich, D. I. Gladyshevskii, P [illegible] Pylaeva. Kristallografiia 7 no. 2:212-216 Mr-Ap '62

TAPEWORMS

(see also subdivision under Issyk-Kul' region)

Infestation of fishes with pleurocercoid Diphyllobothrium latum (Linne, 1758) in the northern portion of the Kuybyshev Reservoir [with summary in English]. O. P. Liubarskaia. Zool. zhur. 41 no. 4:628-629 Ap '62

Pathogenesis of Diphyllobothrium anemia [with summary in English]. K. P. Villako. Klin. med. no. 8 [illegible]

TAR PRODUCTS

Composition of industrial liquid-phase hydrogenates Report No. 9: Composition of aromatic hydrocarbons in liquid-phase hydrogenates from middle tar of Chelyabinsk coals R. I. Sidorov. Trudy Vost. -Sib. fil AN SSSR no. 35:103-111 '61.

TARA REGION (OMSK PROVINCE)—SEISMIC PROSPECTING

Methodology of processing materials from the reflection method in the Tara portion of the Irtysh Valley. I. P Tuezov. Trudy SNIIGGIMS no. 1:148-151 '59

TARBAGATAY RANGE—PEGMATITES
Pegmatites occurring in granite cavities in the northwestern Tarbagatay Range IA N. Sokolov, A I Zakharchenko Trudy VSEGEI 57 45-67 '61

TASHKENT—ATMOSPHERIC TEMPERATURE
Heat balance of the active surface according to observations in Tashkent B.A Aizenshtat, B D Panin. Trudy Sred -Az nauch. -issl gidrometeor. inst. no. 6: 18-38 '61

TASHKENT—ECONOMIC POLICY
Tashkent in the fourth year of the seven-year plan. Nar khoz Uzb 4 no 3 92-94 Mr '62

TASHKENT—FEED MILLS
In the Tashkent Mixed Feed Plant. N. Korotkov Muk.-elev. prom. 28 no 3:12-13 Mr '62

TASHKENT—INFLUENZA
Study of the state of anti-influenzal immunity among the population of the city of Tashkent from 1958 to 1960. T S Il'ina, L M Mevzos, E V Finogenova Med. zhur. Uzb. no. 2:11-17 F '62.

TASHKENT—PAINT INDUSTRY
In the struggle for technical progress. I Men'kova. Part zhizn' [Uzb.] 5 no 2 49-52 F '62

TASHKENT—POLIOMYELITIS
Isolation of the ECHO group of viruses during the course of an epidemic outbreak of poliomyelitis in Tashkent, preliminary report S S. Maksumov, L V Zaprometova Med zhur Uzb no 2 17-19 F '62.

TASHKENT—SOLAR RADIATION
Heat balance of the active surface according to observations in Tashkent. B.A Aizenshtat, B.D Panin. Trudy Sred. -Az. nauch. -issl. gidrometeor. inst. no. 6 48-58 '61

TASHKENT—TEXTILE WORKERS
In the propaganda center of textile workers. P. Krutov. Part zhizn' [Uzb.] 5 no 2 62-64 F '62

TASHKENT—THEATER
"Hamlet." S. Rassidin Teatr 23 no 5:109-111 My '62

TASHKENT PROVINCE—ALGAE
Algae in the drainage channels of rice fields in Tashkent Province M. Kuchkarova. Uzb. biol. zhur. 6 no. 2 7-11 '62.

TASHKENT PROVINCE—RAILROADS—TECHNOLOGICAL INNOVATIONS
Ways to increase labor productivity on the Tashkent Railroad. G Berliner, M Shul'man. Nar khoz. Uzb 4 no. 3:81-84 Mr '62.

TASHKENT REGION—PROSPECTING—GEOPHYSICAL METHODS
Geological interpretation of materials on subsurface geophysical studies of the closed part of the Tashkent region I. M. Mel'kanovitaki Uzb. geol zhur 6 no 1,16-25 '62

TASTE
Characteristics of the functional state of the olfactory, gustatory and cutaneous analysors in various age groups. D. A. Khairushov. Izv. AN Kazakh. SSR. Ser. med. i fiziol. no. 2:7-17 '61.

TATAR A.S.S.R.—DISABILITY EVALUATION
Initiators of good deeds N. Rulev. Sots. obesp 23 no 4,15 10 Ap '62

TATAR A.S.S.R.—GEOLOGY, STRUCTURAL
Tectonics of the lower Kama oil-bearing region in Tatarstan. I. S. Ugorov. Geol. nefti i gaza 6 no. 3:32-34 Mr '62.

TATAR A.S.S.R.—INSURANCE, SOCIAL
Initiators of good deeds N. Rulev. Sots. obesp. 23 no 4:15-18 Ap '62.

TATAR A.S.S.R.—LUMBERING—ACCOUNTING
Control the cutting of trees better. L. Liapchenkov. Fin. SSSR 23 no. 4:52-54 Ap '62

TATAR A.S.S.R.—OIL RESERVOIR ENGINEERING
Determining bottom pressure from well head pressure for wells of Tatar oil fields. A. A Briskman and others Trudy VNII no. 22:90-109 '59.

TATAR A.S.S.R.—PETROLEUM GEOLOGY
Devonian stratigraphy of eastern Tatarstan. I. A. Antropov, G P. Batanova. Trudy Kazan. fil. AN SSSR Ser. geol. nauk no 6,7-80 '60
Oil potential and prospects for exploring in the extreme south of Tatarstan V. G. Knifchev. Geol. nefti i gaza 6 no. 4:15-17 Ap '62.
Tectonics of Tatarstan. B. M. Usupov. Trudy Kazan. fil. AN SSSR Ser geol. nauk no. 6,89-200 '60.

TAUTOMERISM
Tautomerism of nitro compounds. Report No. 4: Mechanism of tautomeric transformations of nitro compounds. V M. Belikov and others. Izv. AN SSSR. Otd. khim. nauk no. 4,605-614 Ap '62.

TAYMYR PENINSULA—ORE DEPOSITS
Minor metallogenic intrusions of the mountainous part of the Taymyr Peninsula M G. Ravich Zakonom razm polezn iskop 2 289-307 '59.

TBILISI see Tiflis

TEA—PHYSIOLOGICAL EFFECT
Catechins. A L Kursanov, M N. Zaprometrov Zdorov'e 6 no. 4 6-7 Ap '62

TEACHERS—SALARIES, PENSIONS, ETC.
[Benefits for teachers] L'goty uchiteliam. Moskva, Gos. izd-vo khud lit-ry, 1961. 40 p. (L'goty po sovetskomu zakonodatel'stvu)
Computing aid payments to pedagogical workers M. Zakharov. Okhr truda i sots strakh. 5 no 3 41-42 Mr '62

TEACHERS, TRAINING OF
(see also subdivision under Dnepropetrovsk, Klimovichi District; Ryazan Province; Ufa, Velikiye Luki)
Structure of the course on education in pedagogical institutes T N Anastas'eva Sov pedag 26 no 4 131-140 Ap '62

TEACHING
(see also subdivision under Chelyabinsk Province, Lipetsk Province, Mordovia, Ukraine)
Educational theory and practice. N Matsko. Nar. obr. no. 1 30-40 Ap '62.
"Educational work with students from the fifth through the eighth grades." Reviewed by I Svetau Nar. asv. no. 3 85-87 Mr '62.
Hand in hand I. Kochetova Shkola-int no 2:70-73 Mr-Ap '62.
How I plan my lessons. T A Dvinskaia. Nach shkola 30 no 5 52-55 My '62.
Independent work should be creative IA. Vizgred. Shkola-int no. 2:73-74 Mr-Ap '62
Individualized homework as an important means to increase teaching efficiency E S Rabunskii Sov pedag 26 no 4 37-44 Ap '62
Let's develop independent work of children in their studies in every way possible. R. Zhuravleva Shkola-int. no 2 67-70 Mr-Ap '62
Let's improve the educational process. M. Dmitriev. Nar. obr. no. 4:41-42 Ap '62.
Let's start an educational campaign against repeating a year. A Vorob'ev. Nar. obr. no. 4:12-24 Ap '62.
"Methodological study room in a school" by R. M Mirkina. Book review. Nar. obr. no. 4 120 Ap '62.
Organizing the educational process N. Modestova Nar. obr. no 4:50-53 Ap '62.
Our diary. Nar. obr. no. 4:29-30 Ap '62.
Some basic suggestions. A. Flintov. Shkola-int. no. 2. 75-76 Mr-Ap '62
Some methods of oral teaching in evening schools. D. Zakharenko Nar. asv. no. 3 50-55 Mr '62.

TEACHING—CONGRESSES
Conferences on theory and practice on the reorganization of a lesson. Sov pedag 26 no 4 149-154 Ap '62

TEBERDA—VIEWS
Teberda. Stavropol', [Stavropol'skoe knizhnoe izd-vo] 1961. 15 p. illus.

TECHNICAL ASSISTANCE
"Why are you concerned for the whole world?" A. Kotodnyi-Skvortsov Moskva 6 no. 1,168-169 '62

TECHNICAL ASSISTANCE, WEST GERMAN see subdivision under Africa; Asia

TECHNICAL EDUCATION
(see also subdivision under Chelyabinsk; Donets Basin, Germany, West; Latvia)
Close to production. N. Matiukov. Avt. transp. 40 no. 4:49 Ap '62.
Contacts between school and life are getting closer. K. Baikova. Rech. transp. 21 no. 4:13-16 Ap '62.
Coordination of research in an institution of higher learning with many faculties N. Kh. Dilachenko Vest. vys shkoly 20 no. 4:55-57 Ap '62.
For new achievements by institutions of higher education in the building of communism. Izv. vys. ucheb. zav., stroi. i arkhit. 5 no. 1:3-6 '62.
Improve the training of clothing industry specialists. M. V. Udalov. Shvein. prom. no. 1:36-38 Ja-F '62.
Our seminars. I. Iashin. Bibliotekar' no. 4:30-32 Ap '62.
Present-day stage of training the labor force. G. Zelenko. Sots. trud 7 no. 1 11-23 Ja '62.
Rudneva, E. I. [Vocational technical training of students; 1918-1920] Trudovoe politekhnicheskoe obuchenie shkol'nikov, 1918-1920. Pod red. S. M. Shabalova. [Moskva] Izd-vo Mosk. univ., 1961. 132 p.
Russia (1917- R. S. F. S. R.) Ministerstvo promyshlennosti stroitel'nykh materialov. [Programs meeting minimum technical requirements for workers in the building materials industry] Programmy po tekhnicheskomu minimumu dlia rabochikh promyshlennosti stroitel'nykh materialov. Moskva, Biuro tekhn. informatsii, 1949. 266 p.
Some ways of training students in the senior classes in technical thinking [with summary in English]. M. V. Matiukhina, K. T. Patrina, D. M Shmeidel. Vop. psikhol. 8 no. 1 11-16 Ja-F '62.
Truly popular. V. Ivanov. Izobr. i rats. no 4:6-7 Ap '62
We learn to think. Lev Udasin Znan sila 37 no 3: 36-38 Mr '62.

TECHNICAL EDUCATION—BIBLIOGRAPHY see Bibliography—Technical education

TECHNICAL EDUCATION—EXHIBITIONS
Exhibition of technical creativeness as a means of inculcating technical knowledge in students IU S Stoliarov Shkola i proizv 6 no. 1 63-65 Ap '62

TECHNICAL EDUCATION—HYGIENIC ASPECTS see subdivision under Sverdlovsk

TECHNICAL LIBRARIES see subdivision under Kazakhstan

TECHNOLOGICAL INNOVATIONS
(see also subdivision under Georgia, Karaganda Province; Kazakhstan)
Awards for the proposals on savings in nonferrous metals. Prom. Arm. 5 no 3 79 Mr '62.
Behind variegated covers. B. Pagriev. Izobr. i rats. no. 4,38-39 Ap '62.
"Bulletin of inventions" and related magazines. D. Nemirovskii Izobr. i rats. no. 4,35 Ap '62.
Business accounting and capital construction. V Gerashchenko Vop. ekon no. 4:23-25 Ap '62
Determining the economic effectiveness of capital investments and new machinery. Vop ekon no. 4:86-101 Ap '62
Exchange of news and experience. Izobr. i rats. no. 4: 25-26 Ap '62.
From a toy to a rolling mill I. B. Magidson. Izobr. i rats. no. 4:21-22 Ap '62.
From the editor. Izobr. i rats. no. 4:23 Ap '62.
"The future is born today" by V Gavrilov, G Dobrov. Reviewed by M. Palekha Znan. ta pratsia no 4:19 Ap '62
I suggest to organize an innovation store. N N. Baranov. Izobr. i rats. no. 4,21 Ap '62.
If there is an argument about remuneration. S. Tseitlin. Izobr i rats. no. 4:34 Ap '62.
In the Committee on Automation and Machinery Industry of the Council of Ministers of the U. S. S. R. Mekh. i avtom. proizv. 16 no. 3 48 Mr '62.
Local organizations of the CPSU and technological progress from 1950 to 1962; based on the example of Leningrad [with summary in English]. V. F. Smirnov. Vest. LGU 17 no 8:31-44 '62.
Machinery of communism will make human labor easier V. Kuznetsov Okhr truda i sots. strakh 5 no. 4 1-3 Ap '62.
"Private enterprisers" against his own will. Izobr. i rats. no. 4:20 Ap '62.
Prosecutor Khatkevich does not trust the All-Union Society of Inventors and Innovators. S. Berseney. Izobr. i rats. no. 4:33 Ap '62.
Readers' letters. Izobr. i rats. no. 4:31 Ap '62.
Technical information V. Denisova and others Okhr. truda i sots strakh. 5 no 4 32-35 Ap '62.
Technical information. V. Poliakov and others. Okhr truda i sots. strakh 5 no 3 30-33 Mr '62.
Technology and innovators. V Telingater. Prof.-tekh. obr. 19 no 4:27 Ap '62
They have been awarded a medal. Izobr. i rats. no. 4: 24 Ap '62.
"Who will produce genial inventors the fastest?" G. Sorokina Izobr. i rats. no. 4:27-28 Ap '62
The work of efficiency promoters should be at the level of new requirements. Prom. Arm 5 no. 3:3-6 Mr '62.

TECHNOLOGICAL INNOVATIONS—BIBLIOGRAPHY see Bibliography—Technological innovations

TECHNOLOGY
(see also subdivision under Asia)
Dokchubaev, Tenti. [Technology is the foundation of achievements] Tekhnika - ilgilikiin negizi. Frunze, Kyrgyzstan mamlekettik basmasy, 1960. 48 p. [In Kirghiz]
Books on the history of technology. K. V. Kostina. Prep. ist v shkole 17 no 3:114 My-Je '62.
El'meev, V. IA., and M. IA. Korneev. [Increased role of science in the building of communism] Vozrastanie roli nauki v stroitel'stve kommunizma. [Leningrad] Izd-vo Leningr. univ., 1962. 82 p.
IAkovlev, K. P., ed. [Concise physical and technological handbook] Kratkii fiziko-tekhnicheskii spravochnik. Moskva, Gos. izd-vo fiziko-matem. lit-ry.
Vol. 3. [Heat engineering, electrical engineering, radio engineering, and electronics] Teplotekhnika, elektrotekhnika, radiotekhnika i elektronika. 1962. 686 p.
Nature prompts. V. Kovalevskii. Znan sila 37 no. 4: 36-38 Ap '62.
News from five continents. IUn. tekh. 6 no 3:10-11 Mr '62.

TECHNOLOGY (Continued)
"Paths of ... tion e" ... G Blo... Pomeranchuk, ... Mukha
Znan sila ... 7 no 3 49 ... Mr '62
"A shortcut for ... of technol ...," [in English] L. I. B...
Berry, I. I. Wolf'man. Reviewed by V. A. Dorogo
Vop ... t ... t ... ch ... 1 ... 223-225 '62

TECHNOLOGY--BIBLIOGRAPHY see Bibliography--Technology

TECHNOLOGY--INFORMATION SERVICES
(see also subdivision under Armenia)
Information center is a reliable intermediary, G. M. Bkhazanov. Izobr. i rats. no. 1 22-24 Ap '62
Reorganization of industrial management and the objectives of technical information and its dissemination, V. V. Kuz'min. Nov. promo. no. 4 110-111 Ag '62

TECHNOLOGY--PERIODICALS
"Izvestiia vysshikh uchebnykh zavedenii." Kozh.-obuv. prom. 4 no. 2 34 F '62
Printers and "colonels" no. 4, II. Medvedev. Sov. pech. no. 5 21-23 My '62

TECHNOLOGY--PERIODICALS--BIBLIOGRAPHY see Bibliography--Technology--Periodicals

TECHNOLOGY AND CIVILIZATION
The engineer and culture. I. A. Lavrov. Novyi mir 38 no. 1 162-181 Ja '62
Man, cybernetics, and Vladimir Turbin's book "Comrade time and comrade art." --Bucharov, and others. Vop. lit. 6 no. 1 78-79 Ap '62

TEDZHEN RIVER--EROSION
Channel erosion of the Tedzhen River below the second Tedzhen Reservoir. B. F. Balakaev. Izv. AN Turk. SSR Ser. fiz.-tekh. i matem. i geol. nauk no. 2 106-110 '62

TEETH--DISEASES
Present conditions and problems in developing a study on dental caries and paradontosis in the U. S. S. R. A. I. Evdokimov. Stud. Uch. med. sov. 3 no. 2 3-7 Mr-Ap '62

TEETH--TRANSPLANTATION
Simplified method of tooth transplantation. I. A. Mikhmedov. Zdrav. Turk. 6 no. 1 27-29 Ja-F '62

TEKELI--ORE DRESSING
Valuable initiative of control committees. B. Samsonov. Part. zhizn' Kazakh. 38 [i.e. 32] no. 4 69-72 Ap '62

TEKELI REGION (KAZAKHSTAN)--MINE FIRES
Fires and an evaluation of methods of controlling them in working the Tekeli deposit. V. I. Gulin, V. N. Dzhakupbaev, S. I. Dzhansugurov. Trudy Inst. gor. dela AN Kazakh. SSR 8 122-129 '61.

TEKELI REGION (KAZAKHSTAN)--MINING ENGINEERING
Difference in the recovery indices between lead and zinc in the Tekeli Mine using the block-caving system. N. M. Tatarintsev, V. N. Shkurin, V. B. Kogut. Trudy Inst. gor. dela AN Kazakh. SSR 8 76-80 '61

TELECOMMUNICATION
(see also subdivision under Tiflis)
Bibliography. Elektrosviaz' 16 no. 1 76-80, p. 3 of cover Ap '62
Certificates of invention. Elektrosviaz' 16 no. 3 73-74 Mr '62
Certificates of invention. Elektrosviaz' 16 no. 4 75 Ap

...e delay characteristics
...ount nonlinear

A decisive improvement in the quality of work is a problem of great magnitude confronting the Soviet communication workers. Vest. sviazi 22 no. 1 1 Ap '62
The quality of work in public services should be improved. Vest. sviazi 22 no. 1 15-17 Ap '62
What gave birth to complaints. S. G. Badaev. Vest. sviazi 22 no. 1 18 Ap '62.
Wide spread participation of the Soviet public in the drive for high quality work. V. N. Bogun. Vest. sviazi 22 no. 1 18-19 Ap '62.

TELEGRAPH
Concerning the reliability of telegraph communication. G. A. Elmeplanny, P. A. Naumov. Elektrosviaz' 16 no. 1 72-74 Ap '62
Group call transmission network. I. A. Rakhovetin, S. Z. Bykov. Avtom., telem. i sviaz' 6 no. 1 33-41 Ap '62
Interference rejection of communication systems with pulse-position keying. A. G. Zinko. Elektrosviaz' 16 no. 1 60-71 Mr '62

TELEGRAPH--EMPLOYEES see subdivision under Sverdlovsk

TELEGRAPH--EQUIPMENT AND SUPPLIES
Concerning the laying of rubberized tape. N. A. Podgornyi. Avtom., telem. i sviaz' 6 no. 1 35 Ap '62.

TELEMETERING see subdivision under United States

TELI NESHTY DISTRICT--AGRICULTURE
What can we learn from the experience of a collective farm. B. Glushko, I. Bukhar. Kommun. Mold. 7 no. 1 31-43 Mr '62

TELEOLOGY
Explanation of the teleology of nature. P. Burlev. Voprosy filosof. no. 5 10-14 My '62.

TELEPHONE
Change in the control frequency level regulating circuit. A. I. Kol'nov. Avtom., telem. i sviaz' 6 no. 1 35 Ap '62
Choice of pre-emphasis of the output equations for multichannel FM telephony systems with transistor amplifiers. Iu. D. Farber. Elektrosviaz' 16 no. 1 38-47 Ap '62
Joint operation of long-distance M-10 commutators and the TelK-21 and URTs-100/600 stations. Sh. D. Kats. Avtom., telem. i sviaz' 6 no. 5 36-37 My '62
Manufacture of reinforced concrete telephone booths. I. P. Dubrovskii. Vest. sviazi 22 no. 1 22-25 Ap '62.
The telephone communication system of Uchkh' office. I. A. V. Basatov. Vest. sviazi 22 no. 1 31-32 Ap '62.
Toward automation and overall mechanization of long distance telephone communication. I. P. Petrushin. Vest. sviazi 22 no. 1 3-4 Ap '62.
Video telephone. V. A. Savanchuk, K. A. Alekseev. Vest. sviazi 22 no. 1 10-11 Ap '62.

TELEPHONE--EMPLOYEES
No damage has occurred on the lines. N. P. Shiriaev. Vest. sviazi 22 no. 1 11 Ap '62.
Physiological characteristics of the work of telephone operators. K. Kirilakov, M. Vasileva. Gig. truda i prof. zab. 6 no. 3 54 My '62.

TELEPHONE--EQUIPMENT AND SUPPLIES
Modernized semiautomatic AMTS-60 apparatus for long-distance and interdistrict communications network. I. A. Berezovich. Vest. sviazi 22 no. 1 5-7 Ap '62

TELEPHONE, AUTOMATIC--EQUIPMENT AND SUPPLIES

...or designing the equipment of ...rodskaia ...phone exchanges] Metodika rascheta ATS koordinatnykh sistem; informatsionnoe ...doskva, Gos. Izd-vo lit-ry po voprosam ... 1961. 130 p. (Tekhnika sviazi). [MICROFILM]

...RIES see subdivision under ...

...sheathing. Avtom., telem. i sviaz' ...

...num designs of balanced cable net... Elektrosviaz' 16 no. 1 55-63 Ap ...

...ed on the lines. N. P. Shiriaev, ... 1 11 Ap '62.

...e calculation of electric losses in ...f communication cables. B. Z. ...iaz' 16 no. 3 71-72 Mr '62

...s

...ymmetry of the power supply ...stations] Asimmetriia pitaiu...onnykh stantsii. Moskva, Sviaz' ...

...ring the perforation of a telegraph ...n. Avtom., telem. i sviaz' 8 ...

...erators. Radio no. 4 16 Ap '62

TELEVISION
Rokhlin, A. M., and V. V. Shuritin. [Television ... all] Televidenie kak iskusstvo. Moskva ... "Iskusstvo," 1962. 79 p.
"Television on earth and in space" by ... Book review. Priroda ... no. 1 124 ... '62

TELEVISION--MEASUREMENT
Frumal, IA. L., ed. [Pulse methods for ... measurements. Translated from the ... metody televizionnykh izmerenii, ... Moskva, Izd-vo inostr. lit-ry, 1961. 111 ... problemy televidenii.]

TELEVISION--RECEIVERS AND RECEPTION
"Avangard" television receiver with ... tube. A. Shekhtman. Radio no. 1 ...
Fl'iashkevich, S. A. [Use of a wide-slot ... television receiver.] Nastroiki televizionnykh ... generatorov. Ispol'zovanie shchelevykh ... energ. Izd-vo, 1962. 63 p. (Massovaia ... no. 130)
New book of the "Mass book for ... Ap '62
Physical properties of long-distance ... S. Kontkov. Radio no. 1 ... '62

TELEVISION--STANDARDS
Economic effectiveness of the standard ... field strength of television broadcasting ... lodko. Elektrosviaz' 16 no. 4 ... Ap '62

TELEVISION--TRANSMITTERS AND TRANSMISSION
Television transmitter department ... ment. P. M. Trifonov. Vest. sviazi ... Ap '62

TELEVISION IN EDUCATION
More on radio and television ... Vest. vyssh. shkoly 20 no. 4 ... Ap '62

TELEVISION IN MILITARY EDUCATION
Attention! We are transmitting. Kr. flot ... 11 no. 6 17-19 Mr '62

TELLURIUM
(see also subdivision under ... region)
"Chemistry and technology of selenium ... A. A. Kudriavtsev. Reviewed by N. K. ... Khim. prom. no. 3 ... '62

TELLURIUM--ANALYSIS
Separation of polonium and ... chromatography. V. D. Nefedov, ... Grant, Zhur. ob. Khim. ... no. 1 ...

TELLURIUM--ISOTOPES
Resonance scattering of ... in English] Izv. Zap. Khark. ... Zhur. eksp. i teor. fiz. ... no. 4 ...

TELLURIUM--SPECTRA
Spectrographic determination of ... tellurium in solutions during the ... products of the lead-zinc industry [with ... English]. L. K. Il'in, V. ... Khim. 17 no. 2 174 ... Ap '62.

TELLURIUM OXIDE
Enthalpy of the formation of ... Gorbov, K. A. Shurlov. ... Akad. Arkt. ... mat., fiz. i khim. no. 1 47-54 '62

TEMPERATURE--MEASUREMENT
Temperature measurement in polyethylene ... induction heating [with summary in ... Vasneva, Iu. N. Shimanskii, N. I. ... Khim., a no. 1 82-85 Ap '62.

TEMPERATURE--PHYSIOLOGICAL EFFECT
Dependence of lipid content in the liver ... of the external environment. V. V. ... Trudy Semipal. med. inst. ... 145 ...

TEMPERATURE REGULATORS
Electronic power relay for regulating the ... lators. D. I. Romanov. Trakt. i sel'khozmash. ... 15-16 Ap '62.
Noncontact system of temperature regulation. ... Khaikin, I. P. Shtumpf. Sudostroenie ... Mr '62
RTPDm-80 temperature regulator. ... Sudostroenie ... no. 3 57-58 Mr '62
Temperature regulating device. I. S. Ab... P... potik 10 no. 4 24-25 Ap '62

TEMPERING
Growth of cementite particles during ... hardened carbon steel with a ... O. A. Bannykh, S. Modin, Kh. Media, Ir... tekhnik, Met. i topl. no. 2 71-77 ...

TEMPLES see subdivision under Alexandropol

TENDONS--SURGERY
Results of neuroleptanalgesia on the upper ... Iu. M. Volobuev. Zdrav. Turk. 6 no. 1 21-24 Ja-F '62.

TENSIOMETERS

Some problems in the strain measurement of the working blades of turbomachines. K. V. Frolov. Energomashinostroenie 8 no. 1:33-37 Ja '62.

TENT CATERPILLARS
(see also subdivision under Ural Mountain region)

Photoperiodic and temperature reactions of interspecific hybrids ♀ Dendrolimus pini L. × ♂ D. sibiricus Tshtv. (Lepidoptera, Lasiocampidae) as carriers of Bacillus dendrolimus [with summary in English]. E. V. Talalaev. Ent. oboz. 41 no. 1:54-64 '62.

Zhokhov, P. I., and others. [Tent caterpillar, Dendrolimus sibericus, and measures for its control] Sibirskii shelkopriad i mery bor'by s nim. Pod obshchei red. N. G. Kolomitsa i P. I. Zhokhova. Moskva, Goslesbumizdat, 1961. 130 p. (DA)

TER-MIKELIAN, GABRIEL MIKHAILOVICH, 1874-1949

G. M. Ter-Mikelian, an Armenian architect [in Armenian with summary in Russian]. F. A. Tigranian. Ist.-filol. zhur. no. 1:82-83 '62.

TEREK-SULAK LOWLAND—GAS, NATURAL—GEOLOGY

Oil and gas potentials of the Terek-Sulak Lowland. G. G. Gasanguseinov, G. I. Gorin. Geol. nefti i gaza 6 no. 3:13-18 Mr '62.

TEREK-SULAK LOWLAND—PETROLEUM GEOLOGY

Oil and gas potentials of the Terek-Sulak Lowland. G.G. Gasanguseinov, G. I. Gorin. Geol. nefti i gaza 6 no. 3:13-18 Mr '62.

TEREPHTHALIC ACID

Determination of terephthalic acid in the air. M.D. Babina. Gig. i san. 27 no. 3:50-51 Mr '62.

Production of terephthalic acid from commercial diethylbenzene. A. E. Kretov and others. Zhur. prikl. khim. 35 no. 4:863-866 Ap '62.

TERMEZ—COTTON GINS AND GINNING

There will be more fiber. Nar. khoz. Uzb. 4 no. 3:60 Mr '62.

TERNOPOL'—RESERVOIRS

Like a real sea. L. Sashko. Ukraina no. 10:24-25 My '62.

TERNOPOL' PROVINCE—ATHEISM

A profound and instructive discussion. Voiov. ateist. no. 5:6 My '62.

TERNOPOL' REGION—RAILROADS—MAINTENANCE AND REPAIR

At the Ternopol' Division. E. I. Babkova. Put' i put. khoz. 6 no. 5:45 '62.

TERPHENYL

Synthesis of iodo derivatives of terphenyl. A. N. Novikov, T. A. Khalimova. Zhur. VKHO 7 no. 2:234 '62.

TERRACES (GEOLOGY) see subdivision under Dnieper Valley

TERRACING see subdivision under Moldavia

TERRESTRIAL MAGNETISM see Magnetism, Terrestrial

TESTICLE

Testicular hyaluronidase activity following splenectomy. S. A. Selezhev. Trudy Semipal. med. inst. 2:72-76 '59.

TESTICLE—ABNORMITIES AND DEFORMITIES

Congenital right inguinoscrotal hernia with unusual ectopy of the left testicle. I. I. Koshcher. Urologiia no. 2:65 '62.

TESTICLE—DISEASES

Histological testicular changes in sterile patients [with summary in English]. I. M. Porudominskii, O. I. Mlynikova, F. M. Shapiro. Urologiia no. 2:51-56 '62.

TESTICLE—TUMORS

Tumors of the testis [with summary in English]. M. E. Sukhanov. Urologiia no. 6:38-42 '61.

TESTING LABORATORIES
(see also subdivision under Irkutsk)

Mobile testing laboratory. G. V. Lire. Izm. tekh. no. 4:58-60 Ap '62.

Work of the textile laboratory attached to the Clothing Industry Administration. R. I. Ershova. Shvein. prom. no. 2:32-33 Mr-Ap '62.

TESTING MACHINES

Apparatus for microhardness testing of roller-type large cylindrical machine parts. M. M. Khrushchov, E. S. Berkovich. Zav. lab. 28 no. 3:360-362 '62.

Ballistic impact machine for testing impact pure bending. V. E. Smakovskii. Zav. lab. 28 no. 3:369-373 '62.

Device for testing helical and flat springs for instruments. Iu. V. Miloserdin, Iu. G. Lakin, B. A. Blosfel'd. Metod. isp. det. i mat. mash. i prib. no. 1:56-65 '61.

Device for testing specimens by an alternating cycle in unilateral pulse machines. E. M. Malinkovich. Zav. lab. 28 no. 3:363-364 '62.

Device for testing spiral precision springs. B. A. Blosfel'd, Iu. V. Miloserdin, Iu. G. Lakin. Metod. isp. det. i mat. mash. i prib. no. 1:47-57 '61.

Erdakov, V. I., and L. S. Minin. [Laboratory practical work on the strength of materials] Laboratornyi praktikum po soprotivleniiu materialov dlia studentov zaochnykh vtuzov. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 188 p.

Rubashkin, A. G. [Laboratory experiments on the strength of materials for technical institutes] Laboratornye raboty po soprotivleniiu materialov dlia tekhnikumov. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 159 p.

Time relay for testing machines. A. B. Kitaigorodskii. Zav. lab. 28 no. 3:368 '62.

TESTING MACHINES—ABSTRACTS

[Precision instruments and testing equipment] Ref. zhur. Otd. vyp. 10 Prib. tech. mekh. i isp. ust. nos. 7-9 Ap-My '62.

TETANY

Calcareous nephrosis in gastric tetany. E. G. Klein, T. A. Pokrovskaia-Iurie. Klin. med. no. 2:98-103 '62.

Medicolegal diagnosis of death from gastric tetany. E. G. Klein. Sud.-med. ekspert. 5 no. 1:8-10 Ja-Mr '62.

TETRACYCLINE

Use of tetracycline in treating erysipelas [with summary in English]. V. I. Cherkasov. Sov. med. 25 no. 1:58-62 Ja '62.

TETRALOGY OF FALLOT

Histogenesis of the structure of the heart in tetralogy of Fallot (dextroposition of the bulbus of the heart) [with summary in English]. S. A. Koleasnikov, A. D. Soboleva, G. A. Chekareva. Arkh. pat. no. 7:62-67 '61.

TETYUKHE VALLEY—ORE DEPOSITS

Zonal development of mineralization in the Silinskoye tin-bearing complex metal deposit. E. P. Saprykin. Sov. geol. 5 no. 4:105-110 Ap '62.

TEXTILE FABRICS

Use of "flizelin" interlining in the tailoring of men's suits and coats. V. V. Astashina. Shvein. prom. no. 2:28 Mr-Ap '62.

TEXTILE FABRICS, BYZANTINE see subdivision under Caucasus, Northern

TEXTILE FABRICS, COPTIC see subdivision under Egypt

TEXTILE FIBERS

Kukin, G. N., and A. N. Solov'ev. [Guide to textile materials] Tekstil'noe materialovedenie. Pod obshchei red. G. N. Kukina. Moskva, Izd-vo mashino-tekhn. lit-ry.
Pt. 1. 1961. 303 p.

Markov, V. V., N. N. Suslov, and V. G. Trifonov. [Primary processing of bast fibers] Pervichnaia obrabotka lubianykh volokon. Moskva, Gos. izd-vo "Rostekhizdat," 1961. 463 p.

TEXTILE FIBERS, SYNTHETIC
(see also subdivision under Klin; Ryazan)

Grishchenko, A. Z. [Automation in the manufacture of synthetic fibers] Avtomatizatsiia v proizvodstve khimicheskikh volokon. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1962. 48 p.

Latest developments in the field of synthetic fibers. A. A. Konkin, G. I. Kudriavtsev. Zhur. VKHO 7 no. 2:180-186 '62.

N. S. Khrushchev at the Kursk Synthetic Fiber Plant. Khim. volok. no. 2:1 '62.

Reports. Khim. volok. no. 2:72-73 '62.

Thermomechanical properties of cord made from polycaproiactam. A. Z. Golik and others. Khim. volok. no. 2:23-25 '62.

Use of filtering ceramics. M. P. Starichenko. Khim. volok. no. 2:52-53 '62.

Using dimethyl sulfide derivatives in the production of fibers on the basis of acrylonitrile and its copolymers. B. D. Bogomolov, I. S. Dorokhina, V. S. Klimenkov. Khim. volok. no. 2:14-16 '62.

World production of synthetic fibers in 1960. G. E. Birger. Khim. volok. no. 2:3-9 '62.

TEXTILE FIBERS, SYNTHETIC—CONGRESSES

Branch conference of workers of the synthetic fiber industry. E. V. Khait, I. IA. Barochina. Khim. volok. no. 2:77 '62.

Branch conference on the purification of industrial wastes from synthetic fiber plants. V. A. Malikov. Khim. volok. no. 2:77-78 '62.

TEXTILE FIBERS, SYNTHETIC—PERIODICALS

Conference of readers. Khim. volok. no. 2:79 '62.

TEXTILE INDUSTRY
(see also subdivision under Moscow)

Avmochkin, A. V. [Automatic instruments in the textile industry] Avtomaticheskie pribory v tekstil'nom proizvodstve. [Ivanovo] Ivanovskoe knizhnoe izd-vo, 1961. 296 p.

TEXTILE INDUSTRY—EQUIPMENT AND SUPPLIES

Gulin, V. M., N. N. Polapova, and T. K. Iakovleva. [Mechanization of secondary and auxiliary operations] Mekhanizatsiia podsobno-vspomogatel'nykh rabot. [Ivanovo] Ivanovskoe knizhnoe izd-vo, 1961. 46 p.

TEXTILE INDUSTRY—HYGIENIC ASPECTS

Together with production personnel. D. I. Kel'bert. Vest. vys. shkoly 20 no. 1:18-21 Ap '62.

TEXTILE INDUSTRY—PRODUCTION STANDARDS

Comments on several recommended technical specifications. D. Kobyliatskii. Sov. torg. 35 no. 4:21 Ap '62.

TEXTILE MACHINERY

Leshchenko, V. G., and IA. V. Mil'man. [Pneumatic systems for textile machinery] Pnevmaticheskie ustroistva tekstil'nykh mashin. Moskva, Mashgiz, 1962. 150 p.

Markov, V. V., N. N. Suslov, and V. G. Trifonov. [Primary processing of bast fibers] Pervichnaia obrabotka lubianykh volokon. Moskva, Gos. izd-vo "Rostekhizdat," 1961. 463 p.

Reducing noises in twister sections of synthetic fiber plants. I. V. Kornev, V. S. Metlin. Khim. volok. no. 2:44-49 '62.

TEXTILE WORKERS see subdivision under Moscow; Tashkent

TEXTILE WORKERS—DISEASES AND HYGIENE see subdivision under Samarkand

TEXTUAL CRITICISM see Criticism, Textual

THACKERAY, WILLIAM MAKEPEACE, 1811-1863

Ovchinnikova, F. G. [Works of Thackeray] Tvorchestvo Tekkereia. Leningrad, Ob-vo po rasprostraneniiu polit. i nauch. znanii RSFSR, 1961. 50 p.

THALLIUM
(see also subdivision under Lovozero Tundras, Tajik Depression; Tajikistan)

Determining small quantities of thallium in ores. A. A. Rozbianskaia. Trudy Inst. min., geokhim. i kristallokhim. red. elem. no. 2:273-277 '59.

Genetic types of endogenetic thallium containing deposits. V. V. Ivanov. Trudy Inst. min., geokhim. i kristallokhim. red. elem. no. 2:230-241 '59.

"Thallium; its geochemistry, mineralogy, genetic types of deposits, and geochemical provinces" by V. V. Ivanov and others. Reviewed by V. V. Mogarovskii. Izv. AN SSSR. Ser. geol. 27 no. 4:105-109 Ap '62.

THALLIUM—ANALYSIS

Quantitative determination of thallium as dichromate. Report No. 3. Effect of alkali metals and ammonium on the precipitation of thallium dichromate [with summary in English]. N. I. Bashilova. Zhur. anal. khim. 17 no. 2:190-198 Mr-Ap '62.

Quantitative spectral determination of small amounts of germanium, indium, and thallium in silicate rocks [with summary in English]. I. I. Pavlenko, Z. M. Davydova. Zhur. anal. khim. 17 no. 2:199-201 Mr-Ap '62.

THALLIUM—SPECTRA

Spectrographic determination of indium, thallium, and tellurium in solutions during their recovery from by-products of the lead-zinc industry [with summary in English]. I. G. Udelevich, I. R. Shelpakova. Zhur. anal. khim. 17 no. 2:174-179 Mr-Ap '62.

THALLIUM COMPOUNDS

Data on the thermochemistry of thallium (III) complex formation. F. IA. Kul'ba, IU. A. Makashov. Zhur. prikl. khim. 35 no. 3:663-664 Mr '62.

THEATER
(see also subdivision under Armenia, Baku; China; Crimea; Kaluga; Karaganda; Kiev; Krasnoyarsk; Krivoy Rog; Leningrad; Moscow; Pavlodar; Pskov; Stratford-Upon-Avon, England; Tashkent; Ukraine; United States; Voronezh; Zhdanov)

"The actor and the playwright" by S. TSimbal. Reviewed by N. Zaitsev. Neva no. 3:193-194 '62.

Demands made on the artist. Boris Smirnov. Teatr 23 no. 5:3-6 My '62.

Demands of the times. Volodymyr Krafnichenko. Mystetstvo 8 no. 3:9 My-Je '61.

Khaichenko, G. A. [Basic stages in the development of the Soviet theater] Osnovnye etapy razvitiia sovetskogo teatra. Moskva, Izd-vo "Znanie," 1962. 47 p. (Narodnyi universitet kul'tury: Fakul'tet literatury i iskusstva, no. 2)

News from Tashkent and other cities. Teatr 23 no. 5:162, 168, 170-171 My '62.

On others as well as Vishnevskii... Aleksandr Shtein. Teatr 23 no. 5:132-145 My '62.

Program for human happiness. Larisa Ordanskaia. Moskva 5 no. 9:17-19 '61.

Theatrical day of the world continues. Teatr 23 no. 5:186-191 My '62.

Will man become better? R. Beniash. Neva no. 1:195-200 '62.

THEATER—MUSEUMS AND COLLECTIONS
Setting up a museum exhibit on the history of the Soviet theater A P Klinchin Vop arkh 7 no 1 85-89 Ja-Mr '62

THEATERS—SOUND EFFECTS
Lisitsa, A. P. [Kit of theatrical sounds] Chemodan teatral'nykh shumov. Moskva, Izd-vo "Sovetskaia Rossiia," 1962 95 p. (Bibliotechka "Khudozhestvennaia samodeiatel'nost', no. 4)

THEATERS—STAGE SETTING AND SCENERY see subdivision under Frunze

THEOCLITUS, Archbishop of Athens and Greece, 1890-1962
Head of the Greek Orthodox Eastern Church Archbishop Theoclitus, obituary I Khibain. Zhur. Mosk Patr. no. 2 10-12 F '62.

THEORY OF ERRORS see Errors, Theory of

THEORY OF GAMES see Game theory

THEORY OF PLANETS see Planets, Theory of

THERAPSIDA see subdivision under Yezhovo (Perm Province)

THERMAL ANALYSIS
Thermal analysis of the systems $Ca(ClO_4)_2$ - $KClO_4$, $Ba(ClO_4)_2$ - $KClO_4$, $Ca(ClO_4)_2$ - $Ba(ClO_4)_2$ L. I. Chudinova Zhur neorg. khim 7 no 4:866-872 Ap '62
Thermal analysis of the systems Na_2SO_4 - Rb_2SO_4 and Na_2SO_4 - Cs_2SO_4 V. E. Plyushchev, R. G Samuseva, L F. Polctaev Zhur neorg khim 7 no 4:860-865 Ap '62

THERMAL STRESSES
Bakshi, O. A. [Stresses and warpage in welding] Napriazheniia i korobienie pri svarke. Moskva, Mashgiz, 1961. 69 p. (Nauchno-populiarnaia biblioteka rabochego-svarshchika, no. 4)
Crystallization cracks in weld joints made in AMgo alloy containers IU A Lavrenov Svar. proizv no 4 35-36 Ap '62
Dynamic thermal stresses in an infinite plate V I Danilovskaia. Inzh. zhur. 1 no. 1 86-94 '61
Errors in the theory of the mechanical strength of metals during crystallization V S Gavriliuk, M N Popova Svar proizv no 4 30-33 Ap '62
Formation and correction of cracks in steel ingots V P Grebeniuk, V. A Efimov, V. N Sapko Lit proizv no 4 31-33 Ap '62
Mechanical strength of metals during the crystallization process in welding N N Prokhorov Svar proizv. no 4 1-5 Ap '62
Mechanism of the formation of hot cracks in steel castings. N A Trubitsyn Lit proizv. no. 4 33-34 Ap '62
New method of age hardening iron castings with the help of thermal stresses O IU Kotsiubinskii, IA I Oberman, A M Gerchikov Lit. proizv no. 4 41-42 Ap '62
Pidstryhach, IA. S., and S. IA. IArema. [Thermal stresses in shells] Temperaturni napruzhennia v obolonkakh. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 211 p.
Technological strength of metals during the crystallization process in founding N N Prokhorov Lit proizv no 4 24-27 Ap '62

THERMISTORS
Concerning a certain method for decreasing the inertness of networks with thermal transducers. V.S. Popov. Izv. AN SSSR. Otd tekh. nauk. Energ. i avtom. no. 2 156-161 Mr-Ap '62.
Using the KMT-14 thermistors in measuring temperatures IU. V. Karbe Priborostroenie no. 3 25-26 Mr '62

THERMOCHEMISTRY
stry of thallium (III) complex
a, IU. A. Makashev. Zhur. prikl. i Mr '62.

hydrogen burning on platinum
nocouple. V. B. Aleskovskii and
48:219-226 '58.

emperature distribution and the
regular thermal conditions of
Aryshev. Inzh.-fiz. zhur. 5

f Prandtl numbers on a flow
f a blunt-nosed body in the case
ers. I. N. Mursinov. PMTF

of momentum on diffusion in a
ummary in English] V. Zhdanov,
Zhur. eksp i teor. fiz. 42 no. 3

Problems on technical thermo-
h po tekhnicheskoi termodi-
o "Rechnoi transport," 1961.

gular thermal conditions.
fiz. zhur. 5 no. 4:130-134

Novikov, I. I., and V. M. Zaitsev [Thermodynamics in questions and answers] Termodinamika v voprosakh i otvetakh. Moskva, Gos. izd-vo lit-ry v oblasti atomnoi nauki i tekhniki, 1961 112 p
Regular thermal conditions for solids of complex shape. A. F. Begunkova and others. Inzh.-fiz. zhur. 5 no. 1. 122-126 Ap '62.
Remarks on the article "Regular thermal conditions for solids of complex shape" by G. N. Tret'iachenko and L. V. Kravchuk. I. A. Parkhomenko, G. P Bulmachenko. Inzh.-fiz. zhur. 5 no 1 127-129 Ap '62.
Temperature field of solids of complex shape at the stage of regular thermal conditions. A G. Temkin. Inzh.-fiz. zhur. 5 no. 1, 106-121 Ap '62.
Theories of regular thermal conditions. G. N Tret'iachenko. Inzh.-fiz. zhur. 5 no. 4 99-105 Ap '62.
Thermodynamic examination of a ferroelectric phase transition in ammonium fluoberyllate crystals. B A. Strukov, V. A. Koptsik. Kristallografiia 7 no. 2, 234-237 Mr-Ap '62.
Thermodynamic processes of steam-gas mixtures. G. A. Mikhailovskii Teploenergetika 9 no. 5:92-95 My '62.
Thermodynamics of ion exchange. G L Starobinets, V. S Soldatov. Dokl. AN BSSR 6 no. 4 233-236 Ap '62.
Viscosity of mixtures of gases and mixtures of liquids I I Novikov PMTF no 1 82-84 Ja-F '62.

THERMOELECTRIC APPARATUS AND APPLIANCES
Effect of nonuniform heating of a battery of thermoelements on its efficiency N. A. Bryuskikh Izv. AN Uz SSR, ser fiz.-mat nauk 6 no 1, 84-86 '62
Highly sensitive converters for measuring weak alternating currents A M Teplinskii Izm tekh no. 4 22-23 Ap '62

THERMOELECTRICITY
Effect of phonon entrainment in α-SiC crystals. G. A. Lomakina, IU. A. Vodakov. Fiz tver tela 4 no 3: 820-822 '62.

THERMOPLASTICS—MOLDING
Determination of optimum conditions for processing thermoplastics by compression molding. I. F Kanavets, L. G Batalova. Plast massy no. 3:18-20 '62.

THERMOMETRY
Instrument for remote temperature measurement of a moving medium B L. Gunbin Izm tekh no 4:16-17 Ap '62
Investigating thermodynamic temperatures of check points. I. I Kirenkov. Izm tekh no. 4 14-15 Ap '62

THERMOSTAT
Circuits of an electronic two-position thermostat with accelerating and follow-up devices S. A. Tret'iakov. Priborostroenie no. 3:1-4 Mr '62
GAK-3M gravimeter with an electric thermostat. A. N. Timofeev, V. N. Rozenberg. Geofiz. razved. no. 6 93-95 '61.
The PV-100 minature recording thermostat. N A. Romanov Priborostroenie no. 3:25 Mr '62
Programmed temperature control in heat-treating furnaces N S. Skorik Mekh i avtom. proizv 16 no 3 7-9 Mr '62.
Semiconductor noncontact thermostat A. V. Erofeev. Priborostroenie no. 3:15-16 Mr '62.
Thermostat for drying cabinets for determining moisture content in materials. A. M. Berman Priborostroenie no 3:24-25 Mr '62.

THIAMINE
Characteristics of thiamine metabolism based on the transketolase activity of erythrocytes [with summary in English] IU. M. Ostrovskii, R. V. Trebukhina Vop. med. khim. 8 no. 2:149-154 Mr-Ap '62.
Fluorimetric method of determining free thiamine by means of paper chromatography. S. L. Belen'kaia, G. P. Tikhomirova. Khleb. i kond. prom. 6 no. 4:3-4 Ap '62.
Vitamin B_1 metabolism in children with tuberculosis meningitis. T. O. Motuz. Ped., akush. i gin. 23 no. 6:12-15 '61.

THICKNESS MEASUREMENT
Automatic thickness gauge. G. I. Margolis. Kauch. i rez. 21 no. 4:36-39 Ap '62.

THIOCYANATES
Composition of the rhenium thiocyanate complex compound. D. I. Riabchikov, I. I. Nazarenko. Zhur. neorg khim. 7 no. 4:931-932 Ap '62.
Electric conductivity and activation energy of some dithiooxamide, N-substituted dithiocarbamate, and thiocyanate (Cu, Co, Ni) polymers. V. M. Vozzhennikov and others. Dokl. AN SSSR 143 no. 5:1131-1134 Ap '62.
Rapid variant of the rhodanide method for the determination of molybdenum B E. Reznik, G. M. Ganzburg, V. V. Sachko. Zav lab 28 no 3:277-278 '62.

THIOPENTAL
Sodium thiopental intravenous anesthesia in operations for artificial abortion. M M Mosichuk. Ped., akush. i gin. 23 no. 6:50-51 '61.

THIOPHENE
Synthesis and some transformations of sulfides [illegible] thiophene series. Report No 1. Action of [illegible] liquid ammonia on acetals of 2-ethyl [illegible] mercapto-5-ethyl-3-thiophenaldehyde [illegible] M. A. Kalik, M. L. Kirmalova Izv. AN SSSR. Otd. khim. nauk no. 4 701-709 Ap '62.

THIRST
Body temperature, respiratory frequency [illegible] and heart beat rate in camels in water deficiency Bakhtiozina Izv AN Kazakh SSR. Ser. med. i fiziol no. 1:18-28 '61.
Content of chlorides in the urine and blood of camels water deficiency B Kh. Bakhtiozina Izv AN Kazakh SSR. Ser. med. i fiziol no. 1 37-41 '61.
Effect of water deficiency on the blood composition of camels. B Kh Bakhtiozina. Izv AN Kazakh SSR. Ser. med. i fiziol no. 1:27-36 '61.
Study of lactation and some other physiological [illegible] in goats during a modified water regime [illegible] Izv AN Kazakh SSR. Ser. med. i fiziol no. 1 [illegible] '61.

THORIUM
(see also subdivision under Kazakhstan)
Separation of thorium and rare earth elements [illegible] exchange resin KU-1 A. I. Zhukov, V. N. Onosov, A. N. Shevtsov. Zhur. neorg. khim 7 no 4 [illegible] '62.
Sorption of thorium by cation exchangers A. I. Zhukov, E. I. Kazantsev, V. N Onosov Zhur neorg khim 7 no. 4:915-920 Ap '62

THORIUM—ANALYSIS
Complexometric determination of rare earths [illegible] thorium S. P. Onosova Zav. lab 28 no 1 [illegible] '62

THORIUM—SPECTRA
Successive spectrophotometric titration of [illegible] the sum of rare earth elements [with summary in English] V. M. Peshkova, M. I. Gramenitskaia, N. M. Alekseeva Zhur anal khim 17 no 2:218 [illegible] '62.

THORIUM—TOXICOLOGY
Toxicity of thorium [with summary in English] S. E. Tarasenko Gig. truda i prof. zabol. [illegible] '60.

THORIUM COMPOUNDS
Composition of thorium ions sorbed by cation exchangers A. I. Zhukov, V. N Onosov, E. I. Kazantsev [illegible] khim. 7 no. 4:921-925 Ap '62.

THOUGHT AND THINKING
Psychology of thought and the problems of [illegible] [with summary in English]. K. A. Bromlei [illegible] 8 no. 1:45-52 Ja-F '62.

THREAD
New sewing threads. Shvein. prom. no 1 [illegible] Ja-F

THRIPS see subdivision under Crimea; [illegible]

THROMBOSIS
Thrombosis in the sinuses of the brain and [illegible] puerperium. V. A. Gunev, M. A. Mouhadina, V. [illegible] Shor. nauch. tab. Kaf. akush. i gin. GMI [illegible]
Thrombosis of the axillary and subclavian veins (Schrotter syndrome) V M Lukichev [illegible] arkh no. 3 30-33 '62
Treatment of obliterating thromboangiopathy of the lower extremities with alcohol-novocaine blockade of the sympathetic ganglia. A. P. Ilin [illegible] no. 3:53-55 '62.
Treatment of thrombosis of the mesenteric [illegible] Z. K Duplik, V V. Zapol'skii Nov. khir. arkh. [illegible] 26-30 '62
Use of anticoagulants in treating thrombosis of the mesenteric vessels. R. S. Ermolnik, [illegible] Nov. khir. arkh. no. 3:74-75 '62.

THYMOL
Treatment of opisthorchosis with thymol [illegible] Trudy Semipal. med. inst 2, 325-330 '60

THYROID GLAND
Functional state of the thyroid gland in [illegible] come into contact with granosan [with summary in English]. E. A. Guseva, IU K. Shaposhnikova [illegible] prof zab. 4 no. 6:32-35 Je '60.
Histogenesis of the epithelial structure of the thyroid gland in sheep. N. P. Shakhovorostova [illegible] 9:326-333 '56
Secondary changes in the thyroid gland following the action of radioactive iodine IU. V. Krivobok Arkh. pat. no. 8:44-50 '61.

THYROID GLAND—DISEASES
Blood pressure reaction to the intra-arterial and intravenous administration of adrenaline in experimental hyper- and hypothyroidism. V. S. Sumbaev. [illegible] eksp. terap. 5 no. 6:57-58 N-D '61.
Changes in corneal sensitivity in patients with thyrotoxicosis [with summary in English] F. I Andrianova Oft. zhur. 16 no. 8:473-476 '61.
Comparative pathology of the thyroid gland in [illegible] M. T. Kleinbok. Trudy AZVI 9, 265-280 '58

THYROID GLAND – DISEASES (Continued)
Egorov, P. I., and A. Z. Tsfasman. [Radioactive iodine in the diagnosis and treatment of diseases of the thyroid gland] Radioaktivnyi iod v diagnostike i lechenii zabolevanii shchitovidnoi zhelezy Moskva, Medgiz, 1962 246 p. (DNLM)
Rare diseases of the thyroid gland and their treatment [with summary in English]. Klin med no. 8 74-79 '61.

THYROID GLAND—INNERVATION
Innervation of the thyroid gland in mammals [with summary in English] D. P. Kladienko. Arkh anat, gist i embr. 42 no. 1 81-92 Ja '62.

THYROID GLAND—TRANSPLANTATION
Effectiveness of transplantation of the thyroid gland into the anterior chamber of the eye [with summary in English] T. F. Bredikhin Biul. eksp. biol i med 3[i. e 53] no. 3 92-96 Mr '62

TICKS AS CARRIERS OF DISEASE
(see also subdivision under Krasnoyarsk Territory)
Study of centers of tick-borne spirochetosis, and methods for the control of carriers. I. A. Tarvit-Gontar' and others Sov. zdrav Kh. no. 1 44-46 Ja-F '62

TIEN SHAN—COPPER ORES
Geological regularities in the distribution of cupreous sandstones in central Kazakhstan and the northern Tien Shan V. M Popov Zakonom razm polezn iskop 2 183-208 '59.

TIEN SHAN—FAULTS (GEOLOGY)
Transverse deep fault in the Tien Shan. O. M. Borisov. Uzb geol zhur. 6 no 2 5-17 '62.

TIEN SHAN—FOLDS (GEOLOGY)
Regional tectonic fractures of northern slopes of the Alay Range and a part of the Turkestan Range [with summary in English]. G. S. Porshnikov. Vest LGU 17 no. 6: 68-81 '62

TIEN SHAN—MERCURY ORES
Tectonic regularities in the distribution of mercury mineralization in the Tien Shan. N. M. Sinitsyn Zakonom. razm polezn iskop. 2,396-410 '59

TIFLIS—TELECOMMUNICATION
The inhabitants are pleased with the work of the communication workers L. IA. IAkovlev. Vest. sviazi 22 no 4.25-27 Ap '62.

TIKHONOV, VIACHESLAV
Viacheslav Tikhonov. A Zorkii. Isk. kino no. 3 71-79 Mr '62.

TILES
Designing circular tiles on a resilient base using the method of finite differences. L. P. Gapontsev. Izv. vyss. ucheb. zav., stroi. i arkhit. 5 no. 1:7-13 '62.

TILLAGE
(see also subdivision under Krasnoyarsk Territory)
Effect of different techniques used in cultivating heavy loam soils on their physiochemical properties and the harvest of crops. I. F. Kopyl, A. I. Tiutiunnikov, I. V. Varakin. Trudy MIMESKH 4 no 2:70-87 '59.
Efficiency of using disc plow-harrows and cultivators P. G Kulebakin, I. P Kazakova Zemledelie 24 no 4 28-30 Ap '62
Experience in using T. S. Mal'tsev's method for shallow tillage of heavy loam soils. P. A. Nekrasov, A. I. Tiutiunnikov. Trudy MIMESKH 4 no. 2:3-35 '59.
Microflora of turf-Podzolic soils tilled by different methods. V. N. Beresneva, N. F. Morozova Trudy Vses. inst. sel'khoz mikrobiol no. 14;63-74 '58.
Results of investigations on the cultivation of various soil layers for orchards. O. P. Danylovs'kyi Visnyk sil'hosp nauky 5 no. 3:95-96 Mr '62.
Soil cultivation on slopes and the infiltration of moisture [with summaries in English, German, and French]. P. S. Tregubov. Vest. sel'khoz. nauki 7 no. 2:124-128 F '62.

TILLAGE—BIBLIOGRAPHY see Bibliography—Tillage

TIMAN RIDGE—GOLD ORES
New gold finds in the southern Timan Ridge. N. E. Gerngardt. Razved. i okh. nedr. 28 no. 3:9-10 Mr '62.

TIMAN RIDGE—INSECTS
Some relict insects of the southern part of the Timan Ridge [with summary in English] K. F. Sedykh. Ent. obozr. 41 no. 1,148-151 '62.

TIMAN RIDGE—STROPHOMENACEA, FOSSIL
Tournai Chonetes in the Timan-Pechora region. N. N Fotieva. Paleont. zhur no. 4:100-108 '61.

TIMBERING OF MINES see Mine timbering

TIME MEASUREMENTS
Time recording in competitive sailing as a method of pedagogical supervision. M. S. Kozkntsova. Teor. i prak. fiz. kul't. 25 no. 4:69-72 Ap '62.

TIME PERCEPTION
Study of the processes of perceiving and evaluating time [with summary in English]. S. N. Beliaeva-Ekzemplarskaia. Vop. psikhol. 8 no. 1:148-156 Ja-F '62.

TIMROT, DMITRII L'VOVICH, 1902-
Dmitrii L'vovich Timrot. Teploenergetika 9 no 5:96 My '62.

TIN—ANALYSIS
Determination of tin in poor ores by p-nitrophenylfluorone V. A. Nazarenko, N. V. Ivchedeva Zav. lab 28 no 3:268-271 '62

TIN INDUSTRY—BY-PRODUCTS
Remelting technological dusts of tin plants for the purpose of concentrating indium. V. V Moshkina, V. V Pokrovskii, D. I. Ilepkin. Tsvet. met. 35 no. 1:61-63 Ap '62.

TIN ORGANIC COMPOUNDS
Polyorganotin siloxanes [with summary in English]. F. Z. Annovich, K. A Andrianov. Vysokom. soed. 1 no. 2: 216-220 F '62.
Reaction of benzoyl peroxide with triethylalkoxytin compounds. N. S Vinzantkin and others Dokl AN SSSR 143 no. 6:1346-1350 Ap '62

TINAKI—BATHS, MOOR AND MUD
At our oldest health resort. E. I. Rudenko. Zdorov'e 8 no 3,27 Mr '62.

TIRASPOL'—CANNING AND PRESERVING
Special features of the work of a Soviet enterprise. N. Burshtian Komm Mold 7 no. 3 44-51 Mr '62

TIRASPOL' DISTRICT—AGRICULTURE
They don't hesitate to look into tomorrow A Aleksandrov Komm. Mold. 7 no. 3 33-38 Mr '62

TIRE FABRICS
Cord 16B used in tires. M. B. Lytkina, E. V. Troshkina Khim. volok. no. 2;36-38 '62.

TIRES, RUBBER
(see also subdivision under Erivan)
Adoption of advanced practices in tire plants. L. G. Gashnikov, S. M. Rubinchik. Kauch. i rez. 21 no. 3: 50 Mr '62.
Forming of the cord carcass of tire in case of nonfictional distribution of cord threads. L. D Slindikov. Kauch. i rez. 21 no. 3:13-15 Mr '62.
Kolesnik, P. A., and N. D. Morozov. [Materials used in motor vehicles and tires, manual for an automobile mechanic] Avtomobil'nye materialy i shiny, posobie avtomekhaniku. Izd. 3., pererab. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1962. 221 p.
Problems in determining the economic effectiveness of new techniques used in tire factories. V. IU. Ushkevich. Kauch. i rez. 21 no. 1;32-35 Ap '62.

TIRES, RUBBER—REPAIRING
Mechanization of labor consuming operations in tire repair shops. I. N. Zhuravkovskii, S. M. Gelfer, A. G. Gnetsnii. Kauch. i rez. 21 no. 3:45-47 Mr '62.

TIRES, RUBBER—TESTING
Effect of some design parameters of the tread on the efficiency of tires. L. V. Desidlet, L. G Khrapunov. Kauch. i rez. 21 no. 3,30-35 Mr '62.
Investigating the performance of tubeless tires on sand ground. N. P. Bocharov and others. Kauch. i rez. 21 no. 3:36-40 Mr '62.
Spreader for testing tires. IU. Pantiukhin. Avt. transp. 40 no. 4:52-53 Ap '62.

TISSUE CULTURE
Cytological and cytochemical studies of rat fibroblasts during the process of their malignant degeneration in tissue culture [with summary in English]. N. S Staroverova. Vop onk 8 no. 4 55-61 '62.
Stability of transplantable cell lines [with summary in English]. S. IA. Zalkind, L. G. Stepanova, V. V. Terskikh. Biul. eksp. biol. i med. 53 no. 4 96-99 Ap '62.

TISSUE EXTRACTS
Biological stimulation and clitoratomy in fattening swine. A. A. Iur'ko, I. A Ruban, I. B. Kravchenko. Veterinariia 38 no. 1,23-24 Ja '61.
Effect of various doses of tissue preparations on the regulation of intraocular pressure in glaucoma [with summary in English]. I. T. Koshintseva. Oft. zhur. no. 2-93-100 '62
Possibility of increasing the biological activity of extracts from human leukemic tissues [with summary in English]. V. V Dementieva, V. M. Bergol'ts. Biul. eksp biol. i med. 3[i. e. 53] no. 3 76-78 Mr '62.
Use of biogenic stimulants on the fattening farms of Penza Province. N. I. Kotolov Veterinariia 37 no 12:16-17 D '60.
Use of tissue preparations. A. Kh. Khalilov and others. Veterinariia 38 no. 1;26-28 Ja '61.
Use of tissue preparations in stockbreeding and veterinary practice. G. M. Mannov. Veterinariia 37 no. 10: 13-16 O '60.

TITANIC (STEAMSHIP)
A catastrophy that shook the whole world. L. Skriagin. Vokrug sveta no. 4 48-49 Ap '62.
Wreck of the "Titanic." S. Knlazev. Mor. flot 22 no. 4: 42 Ap '62.

TITANIUM
(see also subdivision under Moscow Basin, Tuva A. S. S. R.)
Separation of protactinium from zirconium, titanium, and niobium by the chromatographic method B. A. Dilachkova, Vikt. I. Spitsyn, P. P Nazarov Radiokhimiia 4 no 1 89-91 '62
Use of titanium tailings in 18KhGT steel smelting A. N Vasil'ev, S. I Bogachev Biul TSIICHM no 9 15-16 '60.
Zirconium content in titanium minerals. E. I Semenov Trudy Inst. min., geokhim i kristalokhim red. elem no. 2, 87-92 '59.

TITANIUM—ANALYSIS
Determination of titanium and aluminum in triethylaluminum production wastes. D. M Tunkina, S. V. Sinvtsillo, G. G. Larikova. Plast massy no. 3,16-18 '62.
Extraction determination of titanium in steels in the form of a phosphorus-titanium-molybdenum complex IU. I. Shkaravskii Zav lab 28 no 3;265-266 '62
Extraction photometric determination of titanium in the form of a dianthpyrylmethane-rhodanide complex. M. M. Tananaiko, S. I Nebylitskaia Zav lab 28 no 3 263-265 '62
Photometric determination of titanium in nickel- and iron-based refractory alloys with the use of dianthpyrylmethane [with summary in English]. I. IA. Polina. Zhur. anal khim 17 no. 2,206-211 Mr-Ap '62.

TITANIUM—CORROSION
Organic inhibitors of the corrosion of titanium in sulfuric acid. A. P Dzyuza, L. I. Gerasimina Zhur prikl khim. 35 no. 4 883-885 Mr '62

TITANIUM—ELECTROMETALLURGY
Conference on the production of titanium slags. I. A. Kazarin. Izv. AN SSSR Otd. tekh. nauk, Met. i topl. no. 2 176 Mr-Ap '62.
Equilibrium between titanium chlorides and titanium metal in molten potassium and sodium chlorides. IU. V. Baimakov, M. V. Kamenskii, F. Cherny. Izv. vyss. uchcb. zav., tsvet. met. 5 no. 2;102-107 '60

TITANIUM—TESTING
Effect of cold deformation and annealing on the mechanical properties of commercial-grade titanium. V. S. Mikheev, A. S. Poplavskii. Tsvet. met. 35 no. 4:61-63 Ap '62.

TITANIUM ALLOYS
Pul'kin, N. M [Titanium alloys and their use in the machinery industry] Titanovye splavy i ikh primenenie v mashinostroenii. Moskva, Mashgiz, 1962. 166 p.

TITANIUM ALLOYS—METALLURGY
Preparation of various alloys by metallothermy Report No 3 Aluminothermy for the preparation of two-component titanium alloys N G. Klyuchnikov Uch zap MGPI no 146 263-272 '60

TITANIUM ALLOYS—WELDING
Electric slag welding of BT5-1 titanium alloys. S. M. Gurevich, V. P. Didkovskii, N. N. Tikhov Avtom. svar 15 no. 5;78-81 My '62.
Tendency of welded joints in titanium alloys toward slow cracking A. S Mikhailov, B. S Krylov Metalloved. i term obr met. no. 4 48-53 Ap '62
TITANIUM-ALUMINUM ALLOYS—ELECTROMETALLURGY
Electrochemical separation of titanium-aluminum alloys. V. S. Dalikhin, V. A. Reznichenko. Izv. AN SSSR, Otd. tekh. nauk, Met. i topl. no. 2 49-55 Mr-Ap '62.

TITANIUM-ALUMINUM-CHROMIUM ALLOYS—METALLOGRAPHY
Retarding the eutectoid decomposition in chromium-containing titanium-aluminum alloys. E. K Molchanova, N. F. Lashko. Metalloved i term obr. met no. 4 54-58 Ap '62

TITANIUM CHLORIDE
Oxidation of $TiCl_3$ in hydrocarbon and aqueous media [with summary in English]. G. P. Belonovskaia, R. A. Dolgoplosk, Zh. D. Chernova. Vysokom. soed. 4 no. 2: 161-168 F '62.

TITANIUM CHLORIDE CRYSTALS
Crystalline structure of $TiCl_2$. E. L. Gal'perin, R. A. Sandler. Kristallografiia 7 no. 2;217-219 Mr-Ap '62.

TITANIUM COMPOUNDS
Oxidation of bis-cyclopentadienylphenyltitanium by hydrogen peroxide. G. A. Razuvaev, V. N. Latiaeva, L. I Vyshinskaia. Zhur. ob. khim. 32 no. 4:1354-1355 Ap '62.
Reactions of dimethylcyclosiloxanes with butylorthotitanates. K. A. Andrianov, Sh. V. Pichkhadze, V. V. Komarova. Izv. AN SSSR. Otd. khim. nauk no. 4 724-725 Ap '62.
Some compounds of trivalent titanium and their paramagnetic resonance. E. I. Semenova. Dokl. AN SSSR 143 no. 6:1366-1369 Ap '62.

TITANIUM-MOLYBDENUM-ALUMINUM ALLOYS—TESTING
Heat treatment and the mechanical properties of alloys in the system Ti - Mo - Al. V. N. Moiseev. Metalloved i term. obr. met no. 4 36-40 Ap '62.

TITANIUM NITRIDES—SPECTRA
Mass spectrometric study of the composition of vapor over zirconium, titanium and boron nitrides P. A. Akishin, Iu. S. Khodeev Zhur neorg khim 7 no 4: 941-942 Ap '62

TITANIUM ORGANIC COMPOUNDS
Polyorganotitanosiloxanes Part 2. Cohydrolysis of bis-(acetylacetonate)dichlorotitanium and alkyl(aryl)trichlorosilanes [with summary in English] K. A. Andrianov, Sn. V. Pichkhadze, I. V. Bochkareva Vysokom. soed. 4 no. 2 256-260 F '62.

TITANIUM OXIDE
Determining the characteristics of titanium dioxide suspensions V. M. Kharitonov, L. A. Morgun. Khim volok no 2:20-23 '62

Photosorption of hydrogen on titanium dioxide. V. L. Rapoport, Iu. P. Solonitsyn Dokl AN SSSR 143 no.5 1149-1151 Ap '62.

TITANIUM-ZIRCONIUM ALLOYS see Zirconium-titanium alloys

TITLES OF BOOKS
In quest of a title. Z. Bliskovskii Vop. lit. 6 no.4: 168-182 Ap '62.

TITOV, GERMAN STEPANOVICH, 1935-
Titov, G. [Seventeen dawns in space, autobiographical tale] Semnadtsat' kosmicheskikh zor', avtobiograficheskaia povest'. [Moskva] Agentstvo pechati novosti, [1962] 109 p. illus

TITRATION
Modified method of volumetric determination of nickel and copper content A. IA. Naab, G. A. Miroslavskaia. Masl.-zhir. prom 28 no.3,39-40 Mr '62.

TIUL'PANOV, S. I.
Distorting mirror of the West German periodical "Der Stern" S. I. Tiul'panov Mezhdunar. zhizn' 9 no. 5 148-149 My '62

TIWI (MELVILLE ISLAND PEOPLE)
"The Tiwi, their art, myth and ceremony" by Ch. P. Mountford, "The Tiwi of North Australia" by C. W. M. Hart and A. R. Pilling (both in English) Reviewed by V. Kabo. Sov. etn. no 2 173-177 Mr-Ap '62

TOBACCO
Some facts on the importance of gibberellin for tobacco V. I. Chirkovskii Agrobiologiia no 2 296-298 Mr-Ap '62

TOBACCO BREEDING
Effect of the age of pistil on the selective fertilization, formation of characteristics and viability of the progeny of tobacco Dzh. S. Egiazarian. Izv. AN Arm. SSR. Biol. nauki 15 no.3 47-60 '62.

TOBACCO PIPES see subdivision under Ukraine

TOBACCO PROCESSING MACHINERY
Mechanization and automation in the tobacco industry. G. L. Dikker, S. G. Isaev Meth. i avtom. proizv. 16 no. 4:12-14 Ap '62.

TOKTOGUL, SATYLGANOV, 1864-1933
Vinogradov, V. S. [Toktogul's musical legacy] Muzykal'noe nasledie Toktogula. Moskva, Muzgiz, 1961. 310 p. (MB)

TOLSTOI, ALEKSEI NIKOLAEVICH, 1882-1945
"Aleksei Tolstoi's career" by M. Charnyi, "On M. A. Sholokhov's 'Virgin soil upturned'" by L. IAkimenko. Reviewed by Lidiia Fomenko. Oktiabr' 39 no. 1:222-

Aleksei Tolstoi. 6 no.4:185-188

... autobiography "Nikita's childhood." L. M. Poliak. Izv. AN SSSR. Otd. lit. i iaz. 20 no. 4 287-301 Jl-Ag '61.

TOLSTOI, LEV NIKOLAEVICH, 1828-1910
"Flight and death of Lev Tolstoi" by B. Meilakh Reviewed by L. Zhak. Moskva 5 no 9,217-218 '61.

In a debate with his teacher. E. Maimin. Neva no.2: 174-177 '62.

L. Tolstoi on language [with summary in English]. T. A. Ivanova. Vest. LGU 17 no. 8:121-123 '62.

L. N. Tolstoi and the first illustrators of his works. E. V. Adamov Kniga. Issl. i mat 5,117-126 '61.

Lev Tolstoi's book collection at Yasnaya Polyana. S. M. Breitburg Kniga. Issl. i mat 5:113-116 '61.

Vinogradov, B. S. [The Caucasus in L. N. Tolstoi's works] Kavkaz v tvorchestve L. N. Tolstogo. [Groznyi] Chechenо-Ingushskoe knizhnoe izd-vo, 1959. 236 p. (NNC)

TOLUBEEV, IURII VLADIMIROVICH
"IUrii Tolubeev" by G. Kapralov. Reviewed by O. Grudtsova Teatr 23 no. 5:146-147 My '62

TOLUENE
Composition of products of toluene destructive hydrogenation in the presence of high temperature catalysts. I. V. Kalechits, K. A. Pavlova. Trudy Vost.-Sib. fil. AN SSSR no 38:15-18 '61.

TOLUENE—TOXICOLOGY
Effect of vitamin B complex on some liver functions in acute trinitrotoluene poisoning [with summary in English]. E. L. Pidemskii. Farm. i toks. 25 no. 1:108-113 Ja-F '62.

TOMATO BREEDING
Heredity of vitamin C content in reciprocal tomato hybrids [with summaries in English, German, and French] V. V. Vartapetian Vest sel'khoz nauki 7 no. 2,73-75 F '62.

TOMATO PRODUCTS
Something you all like. L. Vladimirskii. Zdorov'e 8 no. 3 29 Mr '62.

TOMATOES—DISEASES AND PESTS
(see also subdivision under Alma-Ata region)
Biology of the pathogen of bacterial black spot in tomatoes — Xanthomonas vesicatoria Report No 1. Growth and toxin production of X. vesicatoria in some culture media. M. S. Matysheva'ka. Mikrobiol zhur 23 no. 6,27-32 '61.

TOMSK—APPLE—VARIETIES
Characteristics of hybrid apple trees grown in the Central Siberian Botanical Garden V. N. Vasil'eva. Trudy TSSBS no. 4:167-175 '60

TOMSK—ARBORETUMS
Basic principles of the establishment of the arboretum in the Central Siberian Botanical Garden A. V. Skvortsova, T. N. Kormacheva. Trudy TSSBS no 4:15-21 '60.

TOMSK—BOTANICAL GARDENS
Arrangement of the display of the section of flora and plant resources in the Central Siberian Botanical Garden of the Siberian Branch of the Academy of Sciences of the U.S.S.R K. A. Sobolevskaia Trudy TSSBS no 4 5-14 '60

TOMSK—ONIONS
Introduction of onion Allium obliquum L. in the Central Siberian Botanical Garden G. V. Deloya. Trudy TSSBS no 4:39-12 '60.

TOMSK—RADAR IN ASTRONOMY
Radio echo equipment for meteor observations in Tomsk [with summary in English]. E. I. Fialko and others. Issl. ionosf. i met no 8 45-50 '62.

Radio echo observations of meteors in Tomsk [with summary in English]. E. I. Fialko and others. Issl. ionosf. i met no. 8,41-44 '62.

TOMSK—RESTAURANTS, LUNCHROOMS, ETC.
Taking care of the facilities for students. K. Rachkovskaia Obshchestv. pit no. 1:32-33 Ja '62.

TOMSK PROVINCE—VETERINARY MEDICINE—CONGRESSES
Conference-seminar of veterinary specialists. P. N. Nikonorov. Veterinariia 37 no.10,93 O '60.

TONGUE—WOUNDS AND INJURIES
Case of establishing the shape of a knife blade from that of the wound channel. E. G. Motovilin. Sud.-med. ekspert. 5 no. 1:56-57 Ja-Mr '62.

TONOMETERS
Anal tonometry [with summary in English] V. G. IAnchev. Klin med no 2:110-125 '62.

TONSILS—DISEASES
Characteristics of the hemogram in compensated and decompensated chronic tonsillitis. V. S. Moshkevich. Izv. AN Kazakh. SSR. Ser. med. i fiziol. no. 2:3-6 '61.

TONSILS—SURGERY
Nutrition of patients following tonsillectomy. G. A. Smirnov, A. S. Smol'nikova. Med. sestra 21 no. 4:34-35 Ap '62.

TOOL STEEL
Consultation on the control of carbide heterogeneity and ways to reduce it. E. I. Melinkina. Metalloved. i term. obr. met no. 4:63-64 Ap '62.

Koltun, S. I., and M. I. Borinskii. [Effecting savings of die steel] Ekonomiia shtampovoi stali. Pod red. A. V. Kovalenko. Moskva, Mashgiz, 1961. 43 p. (Biblioteka mashinostroitelia, Seriia "Za ekonomiiu metallov i elektroenergii)

TOOL STEEL—TESTING
Universal instrument for measuring austenite content in steels. V. D. Gareeva. Mashinostroenie no. 2:79-80 Mr-Ap '62.

TOPOLOGY
Chern, Shing-shen. [Complex manifolds. Translated from the English] Kompleksnye mnogoobraziia. Pod red. I. I. Piatetskogo-Shapiro. Moskva, Izd-vo inostr. lit-ry, 239 p. (RZh)

Diffeomorphism of simply connected manifolds. S. P. Novikov. Dokl. AN SSSR 143 no. 5:1046-1049 Ap '62.

Embedding theorems for functions from L_p^r spaces. P. I. Lizorkin. Dokl. AN SSSR 143 no. 5:1042-1045 Ap '62.

Example to the theory of embedding theorems. O. V. Besov Dokl. AN SSSR 143 no. 5:1014-1017 Ap '62.

Some problems of the topology of n-manifolds. S. V. Matveev, V. A. Skorniakov. Zhur. tekh. fiz. 32 no. 3:251-256 Mr '62.

Two theorems on infinite-dimensional spaces. I. M. Singer, J. A. Wolf, H. Gluck, A. Gleason, R. S. Palais, C. S. Chevalley, A. Borel, A. Grothendieck, J. Dieudonné, S. Eilenberg, S. Kakutani, R. Bott, J. Milnor, J. Nash, J. Moser, E. Calabi, L. Bers, M. Morse, L. Ahlfors, A. Weil, D. C. Spencer, S. Bochner, K. Kodaira, H. Samelson, A. Frölicher, A. Newlander, L. Nirenberg, M. Kuranishi, J. F. Adams, F. Hirzebruch, A. Borel, W. Hirzebruch, H. Hopf, H. Samelson, A. Andreotti, E. Vesentini, R. Bott, R. Richberg, B. Eckmann, A. Frölicher, K. Nomizu, H. Rossi, B. Calabi, E. Vesentini, C. Morrey, A. Grothendieck, M. Nagata, K. Shoda, J. Dieudonné, A. Grothendieck, S. Kobayashi, H. Wu, A. Weil, P. Libermann, C. Chevalley, A. Weil, I. Satake, M. Takeuchi, J. A. Wolf, A. Gray, A. Borel, Hsien-Chung Wang, J. Tits, G. D. Mostow, T. Matsumoto, M. Goto, H. C. Wang, D. Montgomery, L. Zippin, A. Gleason, D. Montgomery, H. Samelson, C. T. Yang, J. Dieudonné, L. Schwartz, A. Grothendieck, M. Schechter, R. Schatten, J. Dieudonné, L. Schwartz, A. N. Kolmogorov, V. M. Tikhomirov, I. M. Gelfand, G. E. Shilov, Z. Ya. Shapiro, I. M. Gelfand, M. I. Graev, N. Ya. Vilenkin, I. M. Gelfand, M. I. Graev, I. I. Piatetskii-Shapiro, I. M. Gelfand, M. I. Graev, A. M. Vershik, I. M. Gelfand, M. I. Graev, A. M. Vershik, I. M. Gelfand, N. Ya. Vilenkin, I. M. Gelfand, A. A. Kirillov, I. M. Gelfand, D. A. Raikov, G. E. Shilov, I. M. Gelfand, D. A. Raikov, G. E. Shilov, I. M. Gelfand, M. A. Naimark, A. I. Shtern, I. M. Gelfand, M. A. Naimark, A. I. Shtern, I. M. Gelfand, M. A. Naimark, A. I. Shtern

TOYS

Searching for stinging toys. M. Linetskaia. Zdorov'e 8 no. 4 24-25 Ap '62.

Toys. Aleksandra Venger. Sem'ia i shkola 17 no. 4 25-27 Ap '62.

TRACE ELEMENTS

(see also subdivision under Alakurtti region, Altai Mountains, Transbaikalia, Ukraine)

Determination of trace elements in natural waters after a preliminary concentration by the method of "sinking particles." V. B. Aleskovskii and others. Trudy LTI no. 48;12-21 '58.

Distribution of principal trace elements in soils in the vicinity of Nal'chik. V. B. Chernikhov. Uch. zap. Kab.-Balk. gos. un. no. 8 87-90 '60.

Microelements as a means of increasing the yield of corn. N. Panafutina. Shkola i proizv. 6 no. 4 35-36 Ap '62.

Microelements of honey. B. A. Makarochkin, D. M. Udenich. Priroda 51 no. 4:67 Ap '62.

Optimal conditions of grain germination in the salt solutions of some trace elements. A. G. Besturzhev, K. T. Besturzheva. Uch. zap. Kab.-Balk. gos. un. no. 8:91-97 '60.

Some problems of the behavior of rare and trace elements in the process of sedimentation. V. N. Kholodov. Trudy Inst. min., geokhim. i kristalokhim. red. elem. no. 2:18-48 '59.

Trace elements in the external environment of the Gorno-Altay Autonomous Province in relation to endemic goiter. M. G. Kolomiitseva. Gig. i san. 27 no. 3, 8-14 Mr '62.

Zul'fugarly, D. I. [Distribution of minor elements in caustobiolithes, organisms, sedimentary rocks, and formation waters] Raspostranenie mikroelementov v kaustobiolitakh, organizmakh, osadochnykh porodakh i plastovykh vodakh. Baku, Izd-vo Azerbaidzhanskogo univ., 1960. 229 p.

Zyrianov, M. N. [Dispersed rare elements; properties, areas of use, production dynamics, prices, raw material sources, technology of preparation] Rasseiannye redkie elementy; svoistva, oblasti primeneniia, dinamika proizvodstva, tseny, syr'evye istochniki proizvodstva, tekhnologiia poluchenila. Pod red. A. S. Sinakevicha. Irkutsk, Irkutskoe knizhnoe izd-vo, 1960. 136 p.

[MICROFILM]

TRACE ELEMENTS IN THE BODY

Metabolism of trace elements in Botkin's disease [with summary in English]. L. S. Bondarev. Klin. med. no. 2:66-71 '62.

TRACERS (BIOLOGY)

Using radioactive tracers for studying the ability of synanthropic flies to fly over water [with summary in English]. B. L. Shura-Bura, O. I. Sukhomlinova, B. I. Isarova. Ent. oboz. 41 no. 1:99-108 '62.

TRACHEA

Morphology of the cartilaginous skeleton of the trachea and large bronchi in domestic animals. M. V. Vasilenko. Trudy AZVI 9:343-351 '60.

TRACHEA—TUMORS

Isolated papillomatosis of the trachea and main bronchi, combined with congenital defect in the development of the bronchial tree. R. R. Golonzko, A. P. Kuz'michev. Grud. khir. no. 2:79-81 '62.

TRACK ATHLETICS

Duration of concentrated attention in track and field athletes at the 17th Olympiad. E. Genova. Teor. i prak. fiz. kul't. 25 no. 2:45-48 F '62.

Studying the rate of motor reactivity in track and field athletes for systematic athletic training. V. I. Baryshev. Teor. i prak. fiz. kul't. 25 no. 2:72-76 F '62.

TRACTOR INDUSTRY—ACCOUNTING see subdivision under Minsk

TRACTOR INDUSTRY—AUDITING AND INSPECTION see subdivision under Chelyabinsk

TRACTOR INDUSTRY—TECHNOLOGICAL INNOVATIONS

Twelve enthusiasts. R. Polons'kyi. Ukraina no. 10:13 My '62.

TRACTOR TRAINS

High-capacity tractor trains. G. V. Zinelev, L. A. Bronshtein. Avt. prom. 28 no. 4:20-23 Ap '62.

TRACTORS

Andreev, N. F., and T. S. Zhotkevich. [Hydraulic units mounted on tractors] Gidravlicheskie navesnye sistemy traktorov. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1962. 286 p.

An appeal to the workers of the tractor industry. A. Miachenkov. Tekh. v sel'khoz. 22 no. 4:80 Ap '62.

Barskii, I. B. [Design of tractors] Konstruirovanie i raschet traktorov. Moskva, Mashgiz, 1962. 376 p.

Concerning the performance of the "Belarus'" and the DT-54 tractors at increased speeds. N. Krasnoshchekov. Tekh. v sel'khoz. 22 no. 4:60-63 Ap '62.

Dozhdikov, B. V., and K. B. Serebriakov. [Hydraulic systems of tractors and SK-3 combines] Gidrosistemy traktorov i kombaina SK-3. [Gor'kii] Gor'kovskoe knizhnoe izd-vo, 1961. 101 p.

Effect of soil moisture on the traction power of wheeled tractors [with summaries in English, German, and French]. M. I. Pogosskov. Vest. sel'khoz. nauki 7 no. 7:122-123 F '62.

Individual practice in driving a tractor and tractor aggregates. I. G. Kitaev. Shkola i proizv. 6 no. 4:32-35 Ap '62.

New tractors. V. T. Kononenko. Mashinostroenie no. 2:125-126 Mr-Ap '62.

Prospective high-speed tractors. A. Kirnukhin. Ekon. sel'khoz. 33 no. 2:85-86 F '62.

Tractor designed for work in orchards and vineyards. A. Dratchin, D. Kravets. Tekh. v sel'khoz. 22 no. 1, 50-52 Ap '62.

Tractor trains with great tractional capability. L. IA. Maris'tsynovskii, Iu. P. Sorochan, A. I. Sheremchev. Trakt. i sel'khozmash. 32 no. 4:19-21 Ap '62.

Work measuring device of the tractor engine. Torf. prom. 39 no. 3:31-32 '62.

TRACTORS—ABSTRACTS

[Tractors and agricultural machinery] Ref. zhur. Otd. vyp. 44: Trakt. i sel'khoz. mash. nos. 7, 10, Ap-My '62

TRACTORS—DESIGN AND CONSTRUCTION

New tractors. M. Makarov. Prof.-tekh. obr. 19 no. 4 13-16 Ap '62.

TRACTORS—ELECTRIC EQUIPMENT

Requirements of the quality of repair of automobile and tractor generators. V. Barabanov. Tekh. v sel'khoz. 22 no. 1:67-68 Ap '62.

TRACTORS—ENGINES

Future development of tractor engines. O. M. Malashkin. Trakt. i sel'khozmash. 32 no. 1:3-6 Ap '62.

Study of the cooling system of the D37M engine. V. V. Efros, V. M. Katol'nik, M. S. Stolbov. Trakt. i sel'khozmash. 32 no. 4:8-12 Ap '62.

Study of the temperature field of the piston of the SMD-14 engine. B. A. Vzorov, A. V. Adamovich. Trakt. i sel'khozmash. 32 no. 1:13-16 Ap '62.

TRACTORS—EQUIPMENT AND SUPPLIES

The cups should be fastened with copper wire. A. Babenko. Tekh. v sel'khoz. 22 no. 4:68 Ap '62.

The starting engine needs an air cleaner. P. Gordinov. Tekh. v sel'khoz. 22 no. 4:68 Ap '62.

TRACTORS—FRAMES—TESTING

Static and fatigue tests of tractor frames on stands. E. IA. Filatov. Mashinostroenie no. 2:81 Mr-Ap '62.

TRACTORS—LUBRICATION

Panchenko, I. D., and M. P. Vedmid'. [Temperature conditions of a lubrication system and their regulation] Temperaturnyi rezhym systemy mashchennia ta joho rehuliuvannia. Kyiv, Vyd-vo Ukr. Akad. sil's'kohospodars'kykh nauk, 1961. 140 p.

TRACTORS—MAINTENANCE AND REPAIR

Lazarev, A. A., and others. [Dismantling and assembling the S-100 tractor] Razborka i sborka traktora S-100. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1962. 231 p.

Maintenance of tractors is one of the most important skills of the occupation. V. Kolesnichenko. Prof.-tekh. obr. 19 no. 4:6-7 Ap '62.

Manukov, N. P. [New techniques in the repair of agricultural machinery and tractors] Novoe v remonte mashino-traktornogo parka. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 223 p.

TRACTORS—STARTING DEVICES

Concerning the requirements of the starting systems of tractor engines. V. IA. Burtakova. Trakt. i sel'khozmash. 32 no. 4:16-18 Ap '62.

TRACTORS—TECHNOLOGICAL INNOVATIONS

Suggestions of tractor drivers. Izobr. i rats. no. 4:4-5 Ap '62.

TRACTORS—TRAILERS

Mechanization and automation of the control of tractor trailers. D. M. Sologub. Trakt. i sel'khozmash. 32 no. 4:29-31 Ap '62.

TRADE UNIONS

(see also subdivision under Bulgaria; India; Kazakhstan; Morocco; Moscow; South Africa, Republic of; Sweden; Virgin Territory; Voronezh)

Answers to activists' questions. Sov. profsoiuzy 18 no. 9:21 My '62.

Automation, money bags and man. Bert Edwards and others. Sov. profsoiuzy 18 no. 8:42-44 '62.

Check how each decision is carried out. P. Bagliuk. Sov. profsoiuzy 18 no. 9:19-20 My '62.

Community workers are a great force. Okhr. truda i sots. strakh. 5 no. 3:1-3 Mr '62.

Correspondence seminar of trade-union group organizers. V. Samoilova, L. Kargin. Sov. profsoiuzy 18 no. 2:18-20 Ja '62.

Factory committee and club. K. Evgen'ev. Sov. profsoiuzy. 18 no. 9:21-23 My '62.

For those who have been elected for the first time. Sov. profsoiuzy 18 no. 8:22 '62.

Forthcoming Fifth Plenum of the Trade Union of Prospecting Workers. Razved. i okh. neds. 28 no. 3:1-5 Mr '62.

How we develop the democratic principles of industrial management. V. Prokhorov. Kommunist 38 no. 8:78-85 My '62.

Improving agriculture is an urgent and important task of trade unions. Sov. profsoiuzy 18 no. 9:2-3 My '62.

"In all human affairs" by S. I. Nikitin. Reviewed by V. Kuklev. Sov. profsoiuzy 18 no. 8:47 '62.

Let us keep the sky clear forever. P. Shulikin. Sov. profsoiuzy 18 no. 8:10-41 '62.

On friends and comrades. D. Vykhodets and others. Sov. profsoiuzy 18 no. 8:26-28 '62.

Peace, work and May Day. Mikh. Tikhomirov. Sov. profsoiuzy 18 no. 8:2-3 '62.

Prospectors pass judgement on the activity of the central committee of their trade union. A. I. Smirnov. Razved. i okh. neds. 28 no. 3:50-51 Mr '62.

Regulations concerning the insurance delegates. Okhr. truda i sots. strakh. 5 no. 3:5-6 Mr '62.

Technical information should have a scientific basis. A. Demeshko, V. Pavlov, Z. Barinova. Sov. profsoiuzy 18 no. 2:18-20 Ja '62.

Trade-union group organizer. Sov. profsoiuzy 18 no. 2:2-4 Ja '62.

Voluntary work of the divisions of the Volga-Don Territorial Trade Union Committee. I. K. Repin. Razved. i okh. neds. 28 no. 3:51-53 Mr '62.

Welcome the pioneers' summer! O. Ivanova. Sov. profsoiuzy 18 no. 9:24-25 my '62.

Well organized and businesslike. Sov. profsoiuzy 18 no. 2:21-22 Ja '62.

TRADE UNIONS—HANDBOOKS, MANUALS, ETC.

"Problems in trade-union work." Reviewed by I. Turin. Sov. profsoiuzy 18 no. 9:44 My '62.

TRADE UNIONS—OFFICIALS AND EMPLOYEES

Enthusiast. M. Moiseenok. Sov. profsoiuzy 18 no. 9:31-32 My '62.

TRADE UNIONS, CATHOLIC

In the shade of a cross. M. Domnich. Sov. profsoiuzy 18 no. 2:43-45 Ja '62.

TRADEMARKS

The trade-mark is the emblem of the enterprise. I. Duel'. Sov. torg. 35 no. 4:19-20 Ap '62.

TRAFFIC ACCIDENTS—LIABILITY see Liability for traffic accidents

TRAGIC, THE

"On the tragic" by Iu. Borev. Reviewed by O. Larmin. Iskusstvo 25 no. 3:69-72 '62.

TRAINING, MANUAL see Manual training

TRAJECTORIES

Analytic determination of charged-particle trajectories in plane electrostatic fields. I. S. Kochanov. Zhur. tekh. fiz. 32 no. 3:294-302 Mr '62.

TRANS-ILI ALA-TAU—ACTINOMYCES

Actinomyces in mountain and foothill soils of the Trans-Ili Ala-Tau. Z. F. Teplinkova. Trudy Inst. mikrobiol. i virus. AN Kazakh. SSR 5:129-138 '61.

TRANS-ILI ALA-TAU—COWS—FEEDING AND FEEDS

Green fodder for dairy cows in piedmont irrigated zones of the trans-Ili Ala-Tau. M. G. Sannik. Trudy AZVI 9:48-55 '56.

TRANS-ILI ALA-TAU—GEOLOGY, STRUCTURAL

Geomorphology and recent tectonics of the Trans-Ili Ala-Tau. M. Zh. Zhandaev. Uch. zap. Kazakh. un. 37 no. 4:113-120 '58.

TRANS-ILI ALA-TAU—GEOMORPHOLOGY

Geomorphology and recent tectonics of the Trans-Ili Ala-Tau. M. Zh. Zhandaev. Uch. zap. Kazakh. un. 37 no. 4:113-126 '58.

TRANSAMINASES

Aminopherases in the blood serum in experimental lesions of the liver [with summary in English]. D. N. IAkhnina, Biul. eksp. biol. i med. 53 no. 4:69-71 Ap '62.

Diagnostic and prognostic significance of serum aminopherases in Botkin's disease. R. P. Naumova. Klin. med. no. 2:58-62 '62.

TRANSBAIKALIA—FLUORITE

Bands and stages of fluorite mineralization of eastern Transbaikalia. A. T. Solov'ev. Trudy VSEGEI 57:141-145 '61.

TRANSBAIKALIA—METALS, RARE AND MINOR
Rare and trace elements in ores of some complex metal deposits of the Nerchinskiy Zavod group (eastern Transbaikalia) K. F. Kuznetsov, Trudy Inst. min., geokhim. i kristalokhim. red. elem. no. 2:49-73 '59

TRANSBAIKALIA—MITES
Biology of the gamasid mite Eutaelaps crictuli Vitzthum in Transbaikalia [with summary in English] A. A. Goncharova, T. G. Butakova. Zool. zhur. 41 no. 1:139-143 Ja '62

TRANSBAIKALIA—ORE DEPOSITS
Role of enclosing rocks in the formation of some complex metal deposits in eastern Transbaikalia. T. A. Lutkovskaia. Trudy VSEGEI 60:201-210 '61

TRANSBAIKALIA—ROCKS, CRYSTALLINE AND METAMORPHIC
Hydrothermally alterated rocks of the Akatuyevskoye lead-zinc deposits (eastern Transbaikalia) and their prospecting significance. G. G. Kochin. Trudy VSEGEI 60:181-189 '61

TRANSBAIKALIA—ROCKS, IGNEOUS
Geological position of Upper Jurassic intrusions in southeastern Transbaikalia and general characteristics of their structure [with summary in English]. B. I. Poliakov. Vest. LGU 17 no. 6:57-67 '62

TRANSBAIKALIA—ROCKS, IGNEOUS—ANALYSIS
Rare and dispersed elements in igneous rocks of the Udinskaya depression (western Transbaikalia). V. A. Smirnov. Vop. rud. geof. no. 2:122-130 '61

TRANSBAIKALIA—TRACE ELEMENTS
Rare and dispersed elements in igneous rocks of the Udinskaya depression (western Transbaikalia). V. A. Smirnov. Vop. rud. geol. no. 2:122-130 '61
Rare and trace elements in ores of some complex metal deposits of the Nerchinskiy Zavod group (eastern Transbaikalia). K. F. Kuznetsov. Trudy Inst. min., geokhim., i kristalokhim. red. elem. no. 2:49-73 '59

TRANSCARPATHIA—ANDESITE
Some characteristics of andesite-basalt extrusions of the platform cycle of volcanism in Transcarpathia. I. P. Maleev. Trudy Lab. vulk. no. 21:65-74 '62

TRANSCARPATHIA—BASALT
Some characteristics of andesite-basalt extrusions of the platform cycle of volcanism in Transcarpathia. I. P. Maleev. Trudy Lab. vulk. no. 21:65-74 '62

TRANSCARPATHIA—COOPERATIVE SOCIETIES—ACCOUNTING
Good example. S. Karnaukh. Sov. potreb. koop. 6 no. 4:22 Ap '62.

TRANSCARPATHIA—GOITER
Neuropsychic disorders in endemic goiter. V. V. Lastovetskii. Trudy Semipal. med. inst. 2:217-241 '59

TRANSCARPATHIA—MILITARY EDUCATION
Direction of the main effort. M. Lebedev. Voen. znan. 38 no. 4:19-20 Ap '62

TRANSCAUCASIA—CAVE FAUNA
Biospeleological studies in western Transcaucasia in the autumn of 1959. I. A. Birshtein, S. I. Levushkin. Inform. shor. Mezhd. kom. po izuch. geol. geogr. kar. no. 1:174-17. '60

TRANSCAUCASIA—EURYGASTERS
Reasons for the small Eurygaster integriceps population in some regions of Transcaucasia [with summary in English]. G. A. Viktorov. Zool. zhur. 41 no. 1:63-76 Ja '62

TRANS[illegible] KURDS

[illegible]sh settlements in Trans[illegible]ish] T. F. Aristova. [illegible]2.

[illegible] (Thysanoptera) from [illegible] with summary in Eng[illegible]z. 41 no. 1:160-162 '62

[illegible]lecreasing the inertness [illegible]ucers. V. S. Popov. [illegible]rg. i avtom. no. 2:156-

[illegible]le electrokinetic [illegible]i-Zade. Izv. AN Azerb. [illegible] 6:79-87 '61
[illegible]st furnaces. I. A. Rylov

[illegible]plifiers

[illegible]e Laplace transforma-

[illegible]CS)
[illegible]mal potential fields and [illegible]oblem of magnetic and [illegible]: Inversion of Newton's [illegible] to the second problem [illegible] geofiz. no. 4:491-505

Discontinuous point transformation of a straight line into a straight line. N. N. Leonov. Dokl. AN SSSR 143 no. 5:1038-1041 Ap '62.

Investigation of transformation possibilities of nomograms with a transparent orientated overlay. G. S. Khovanskii. Vych. mat. no. 7:133-150 '61.

Limit of a uniformly convergent sequence of compact mappings of a metric space onto a local compact space is a closed mapping. A. D. Taimanov. Sib. mat. zhur. 3 no. 2:310-311 Mr-Ap '62

One special mapping of a cone into a manifold with bounded curvature. Iu. G. Reshetniak. Sib. mat. zhur. 3 no. 2:256-272 Mr-Ap '62

A special type of Ribocourt's transformations. V. A. Tikhonov. Dokl. AN SSSR 143 no. 6:1293-1295 Ap '62

TRANSFORMATIONS, INFINITESIMAL
Groups of infinitesimal transformations of ruled complexes. N. M. Mashkin. Sib. mat. zhur. 3 no. 2:229-243 Mr-Ap '62

TRANSFORMERS, ELECTRIC see Electric transformers

TRANSIENTS (ELECTRICITY)
Kazovskii, E. IA. [Transient processes in a. c. machinery] Perekhodnye protsessy v elektricheskikh mashinakh peremennogo toka. Moskva, Izd-vo Akad. nauk SSSR, 1962. 624 p.
Ventkov, V. A. [Examples and illustrations of transient processes in electric systems] Perekhodnye protsessy elektricheskikh sistem v primerakh i illiustratsiiakh. [By] N. D. Anisimov i dr. Moskva, Gos. energ. izd-vo, 1962. 383 p.

TRANSISTOR AMPLIFIERS
An antenna amplifier. V. Speranskii. Radio no. 1:29-30 Ap '62.
Choice of pre-emphasis of the output equations for multichannel FM telephony systems with transistor amplifiers. IU. D. Farber. Elektrosviaz' 16 no. 4:39-47 Ap '62
Temperature stabilization of a transistor amplifier stage. T. M. Agakhanian. Radiotekhnika 17 no. 4:38-43 Ap '62.
Transistorized low-frequency amplifier for portable radios. I. Vasil'kevich. Radio no. 4:51-52 Ap '62.

TRANSISTOR CIRCUITS
Design of networks for the stabilization of the operating points in transistor stages. G. S. Tsykin, Tsyian Zhun-fu, [Chiang Jung-fu]. Elektrosviaz' 16 no. 4:11-20 Ap '62
Problem concerning the calculation of the resulting matrix of series connected four-terminal networks. L. R. IAvich. Elektrosviaz' 16 no. 4:70-71 Ap '62.
A remote control system. V. Revnov. Radio no. 4:45-50 Ap '62.
Synthesis of an electric filter based on the series connection of an RC network and an amplifier with an RC feedback loop. Ten Nai-d'iun, [T'ien Nai-tiun]. Elektrosviaz' 16 no. 3:32-41 Mr '62

TRANSISTOR RADIOS
Kol'tsov, B. V., and P. L. Motokanov. [Diagrams, networks, and components of transistor radios] Skhemy, uzly i detali priemnikov na tranzistorakh. Moskva, Gos. energ. izd-vo 1962. 94 p. (Massovaia radiobiblioteka, no. 432)
"Radio amateurs' pocket transistor receivers" by V. E. Zotov. Reviewed by V. Zvenigorodskii. Starsh.-serzh. no. 3:15 Mr '62.

TRANSISTORS
Concerning the theory of dynamic processes in a parametron using the capacitance of a p-n junction. V. I. Samotilenko, E. M. Zlochevskii. Izv. vys. ucheb. zav., radiotekh. 4 no. 6:640-652 N-D '61
Garlainov, S. A., ed. [Negative-resistance semiconductor devices. Translated articles] Poluprovodnikovye pribory s otritsatel'nym soprotivleniem; sbornik perevodnykh statei. Moskva, Gos. energ. izd-vo, 1962. 238 p.
Goncharov, B. P., and B. M. Shilmovich. [Semiconductors in agriculture] Poluprovodniki v sel'skom khoziaistve. Moskva, Izd-vo "Znanie," 1962. 29 p. (Novoe v zhizni, nauke, tekhnike. V Serita: Sel'skoe khoziaistvo, no. 4)
Letter to the editor. I. P. Stepanenko. Izv. vys. ucheb. zav., radiotekh. 4 no. 6:734 N-D '61
Physical principles of the operation of semiconductor devices. IA. Fedotov. Radio no. 4:36-39 Ap '62
Tiagunov, G. A. [Electron-tube and transistor devices (physics, fundamental theory, and principal designs)] Elektrovakuumnye i poluprovodnikovye pribory (fizika, elementarnaia teoriia, osnovnye konstruktsii). Moskva, Gos. energ. izd-vo, 1962. 398 p.

TRANSISTORS, JUNCTION see Junction transistors

TRANSITION METAL BORIDES
Chemical stability of some transition metal borides. L. IA. Markovskii, E. T. Bezruk. Zhur. prikl. khim. 35 no. 3:491-498 Mr '62.

TRANSKETOLASE
Characteristics of thiamine metabolism based on the transketolase activity of erythrocytes [with summary in English]. IU. M. Ostrovskii, R. V. Trebukhina. Vop. med. khim. 8 no. 2:149-154 Mr-Ap '62.

TRANSPLANTATION OF ORGANS, TISSUES, ETC.—CONGRESSES
Second All-Union Conference on the Problems of Tissue Incompatibility and the Conservation and Transplantation of Tissues and Organs. L. T. Kadilnikova. Ortop. travm. 16 no. 8:498-502 '61.

TRANSPORT WORKERS see subdivision under Germany, East

TRANSPORTATION
(see also subdivision under Ukraine, Western Uzbekistan)
Algorithm for the solution of the transportation problem by an approximation with conditionally optimal plans. A. L. Lurie. Vych. mat. no. 7:151-160 '61.
General development of the means of transportation in the U. S. S. R. A. Cherikov. Kommunist no. 7:71-84 My '62.
Integrated transportation system in the [illegible] domanov. Mor. flot 22 no. 2:1-6 F '62.
Method of measuring noise from city passenger transportation. S. D. Kovrigin. Gig. i san. 27 no. 3:[illegible] Mr '62.

TRANSPORTATION—ABSTRACTS
[Container shipments and the interaction of various types of transportation] Ref. zhur. Otd. vyp. 9:[illegible] i kaz. vid. transp. i kont. perev. nos. 1-4 Ja-Ap '62
[Industrial transportation] Ref. zhur. [illegible] no. 4 Ap '62.

TRANSPORTATION, AUTOMOTIVE
(see also subdivision under Lithuania, Mozambique, Ukraine)
Answering questions on wages. Avt. transp. 40 no. 4:34-36 Ap '62.
Centralized dispatcher service and self-financing. B. Gerasimus. Avt. transp. 40 no. 4:32-33 Ap '62.
Fulfill the plan of the fourth year of the seven-year plan before the appointed time. Avt. transp. 40 no. 4:1-5 Ap '62.
Lenin's legacy lives and wins. S. Shchukin. Avt. transp. 40 no. 4:1-2 Ap '62.
[Translations of foreign periodical literature on problems of automotive transportation] Sbornik [illegible] inostr. period. lit. po vop. avt. transp. no. 5 '61.
Use and mode of the operation of automotive transportation on collective farms. V. F. Savchenko. Trud. sel'skokhoz. nosp. URSR no. 3:155-160 '61
Wheeled and track-laying combination vehicle for difficult terrain. L. IA. Martsynovskii, IU. P. [illegible]. Razved. i okh. nedr 28 no. 4:54-59 Mr '62.

TRANSPORTATION, AUTOMOTIVE—ABSTRACTS
[Automotive and city transportation] Ref. zhur. Avt. i gor. transp. nos. 1-5 Ap-My '62.

TRANSPORTATION, AUTOMOTIVE—BIBLIOGRAPHY
Bibliography—Transportation, Automotive

TRANSPORTATION, AUTOMOTIVE—COST OF OPERATION
Change regulations for the planning of transportation costs. P. Pediak. Avt. transp. 40 no. 4:33-34 Ap '62.

TRANSPORTATION, AUTOMOTIVE—PROBLEMS, BOOK STANDARDS
Aleksandrov, L. A. [Establishment of technical norms in automotive transportation] Tekhnicheskoe normirovanie truda na avtomobil'nom transporte. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transporta i shossejnykh dorog RSFSR, 1962. 54 p. (Bibliotechka po ekonomike)

TRANSPORTATION, MILITARY
On a long journey. A. Kornilukhin. Starsh. serzh. no. 7:37 Mr '62.
Preparing routes during unfavorable weather conditions. B. Zinkovskii, M. Lazebnikov. Voen. vest. 41 no. 4:91-93 Ap '62.

TRANSPORTER BRIDGES
Using an engineering geodetic method to determine the deformations of transporter bridges. I. I. Krivoshei, K. I. Strizhenko, M. V. Stovas. Izv. vys. ucheb. zav.—geod. i aerofot. zhur. 5 no. 2:82-85 '62.

TRAUMATISM
(see also subdivision under Great Britain)
When you hurt yourself... I. M. Grigorovskii. Fel'dsher 8 no. 3:31 Mr '62.

TRAVELERS, RUSSIAN
A story told by Professor Grigorovich. N. Kurdiumova. Ukraina no. 10:29 My '62.

TRAVERSI, GASPARE, 1700-1769
Gaspare Traversi's painting "Music lesson." [illegible] cheva. Soob. Gos. Erm. no. 21:28-29 '61

TRAWLS AND TRAWLING
Cherepanov, B. E. [Direct-current engines for trawlers] Priamotochnye mashiny rybolovnykh traulerov. [By] B. E. Cherepanov. 1 dop. Moskva, Rybnoe khoziaistvo, 1962. 346 p.
Contents of the published information on the stability of the average fishing trawler. V. Sushkevich. Mor. flot 22 no. 2:22-23 F '62.

TRAWLS AND TRAWLING (Continued)
Fueling at sea V I Tereshchenko. Sudostroenie 28 no. 3 11-14 Mr '62
"Malak" trawler S. Strashun Znan ia pratsia no 4:20 Ap '62
Repair shops on fishing craft. V.S Biriuk Sudostroenie 28 no 3 46-50 Mr '62
Tuna fishing vessel V F. Bezukladov, B P Znamerovskii. Sudostroenie 28 no. 3,1-4 Mr '62.

TRDAT, fl. 1010
Oganesian, K. L. [Trdat, the architect] Zodchii Trdat. Erevan, Izd-vo AN Armianskoi SSR, 1951. 107 p. (NNC)

TREE BREEDING
Piatnitskii, S. S. [Handbook on tree breeding] Praktikum po lesnoi selektsii. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 270 p. (Uchebniki i uchebnye posobiia dlia lesokhozialstvennykh i sel'skokhoziaistvennykh vuzov) (DA)

TREE FELLING
Constructing the sawing apparatus of felling and skidding machines. I. F Verkhov. Izv. vys. ucheb. zav., les. zhur. 4 no 6 72-78 '61.
Resistance to the cutting of limbs. S. Jonaitis. Izv. vys. ucheb. zav., les. zhur. 4 no. 6 79-81 '61

TREE PLANTING
Selection of mechanical devices for transplanting large trees A. Kh Tei-Mkrtichan Shor nauch rab AKKII no 3 177-196 '60
Transplantation of full-grown trees V. S. Kostiuk Les. khoz. 15 no 4 50-52 Ap '62.

TREES
(see also subdivision under Crimea)
Shape of trees as an active hygienic and therapeutic force of nature [with summary in English], translated from the Rumanian V. IA Karmezinu. Trudy GNBS 32 15-22 '60

TREES—DISEASES AND PESTS
Studying invasion characteristics of trunk pests by means of the experimental infestation of trees P A. Polozhentsev. Nauch. zap VLTI 21:3-14 '60

TREES—FERTILIZERS AND MANURES see subdivision under Russia, Northern

TREMATODA—HOST ANIMALS
Mollusks of the Severnyy Donets River as accessory hosts of the trematodes [with summary in English]. G. I. Vergun Zool. zhur. 41 no. 4:519-527 Ap '62.

TREPHINING
Extraction of nonmagnetic foreign bodies from deep layers of the cornea by means of valvular nonpenetrating trepanation. T. V. Makeeva. Zdrav. Kazakh 22 no 2, 22-24 '62.
A trepanned skull from the Kazakh S. S. R. P Boev, O. Ismagulov. Sov. etn. no. 2.131-132 Mr-Ap '62.

TREPONEMA PALLIDUM
Comparative evaluation of the results of the Treponema pallidum immobilization test and standard serological reactions. N. M. Ovchinnikov, L. V. Sazonova. Vest derm. i ven. no 4:48-51 '62.

TRESTLES
Industry-wide standardization of parameters of conveyor trestles A F. Korotkovskii Trudy NII prom. zdan. i soor. no. 5 46-55 '61.
Testing the scaffold bridge for the conveying of concrete at the Bratsk Hydroelectric Power Station. B. P. Markov. Gidr. stroi 32 no. 4:12-14 Ap '62.

TREVOGIN, IVAN IVANOVICH, 1761-1790
Ivan Trevogin, an unknown writer of the 18th century, and his Utopian projects. L. B. Svetlov. Izv. AN SSSR Otd. lit. i iaz. 20 no. 4:326-331 Jl-Ag '61.

TRIALS (POLITICAL CRIMES AND OFFENSES) see subdivision under Iran, Senegal

TRIAMINE
Optical activity of platinum (IV) triamines. I. I. Chernlaev, O. N. Adrianova, N. Sh Lettes. Zhur. neorg. khim. 7 no. 4:748-755 Ap '62

TRIAZINE
Synthesis of mixed 2, 4, 6-trialkyl-1, 3, 5-triazines and polymeric triazine compounds from iminoesters. E. L. Zaitseva and others. Zhur. VKHO 7 no. 2:232-233 '62.
Synthesis of 2, 4, 6-trialkyl- and 2, 4, 6-triaryl-1, 3, 5-triazines from aminoesters. A. IA. IAkubovich and others. Zhur. VKHO 7 no. 2:229-230 '62.

TRICHINA AND TRICHINOSIS
Intensity of Trichinella invasion in animals in relations to their species, age, and immunity [with summary in English] V. A. Britov. Zool zhur. 41 no. 2:287-288 F '62.

TRICHODERMA see subdivision under Aktyubinsk Province; Kazakhstan; Semipalatinsk Province

TRICHOMONIASIS
Method for studying the effectiveness of the effect of various substances on Trichomonas G. K. Cherepakhin Shor. nauch. rab Kaf akush. i gin GMI no 1 179-180 '60
Post-trichomonal urethritis. V. I Zhukov. Vest. derm. i ven. no. 6, 51-56 '61.
Protistocide properties of phenol derivatives. M. N. Rotmistrov and others. Mikrobiol. zhur. 23 no. 4 28-31 '61
Treatment of trichomoniasis in men V. I. Rogailin. Fel'd i akush 27 no 3, 17-18 Mr '62

TRIDYMITE
Discovery of uranium-bearing cristobalite and tridymite in limestones. N. A. Glagolev. Dokl. AN SSSR 143 no. 6:1421-1423 Ap '62.

TRINIDAD—ASPHALT
Asphalt lake. U. Presto. Znan sila 37 no. 3, 41 Mr '62.

TRINITRIN see Nitroglycerin

TRIODES
Universal diagrams for the design of electric drives with semiconductor triodes IU P. Petrov. Sudostroenie 28 no. 4 32-35 Ap '62

TRITIUM
Measurement of the activity of tritium-containing organic compounds An N Nesmeianov, V V. Pozdeev, IA. Klass Zav lab 28 no. 3:305-307 '62
Reaction of recoil atoms of tritium with benzene An N Nesmeianov and others. Radiokhimiia 4 no 1 116-122 '62

TROLLEY BUSES
[Technical manual on city electric transportation in three volumes] Tekhnicheskii spravochnik po gorodskomu elektrotransportu v trekh tomakh. Redkollegiia: V. N Volochnev, A. N. Trofimov, M. N. Shpitlanskii. Moskva, Izd-vo M-va kommun. khoz. RSFSR.
Vol. I. [City electric transportation (general part)] Gorodskoi elektricheskii transport (obshchaia chast'). Otv. red. toma M. N. Shpitlanskii, 1961. 726 p
Zagainov, N. A. [Traction substations for streetcars and trolley buses; automation and remote control] Tiagovye podstantsii tramvaia i trolleibusa, avtomatika i teleupravlenie, Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1961. 399 p

TROLLEY WIRES see Electric current collectors

TROPACINE
Dynamics of changes in the cortical activity under repeated administration of tropacine. R. IU. Il'inchenok. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. no. 9 153-159 '61.
Functional interrelations between the cerebral cortex and subcortical formations under the influence of tropacine. R. IU. Il'inchenok. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. no. 9:144-152 '61

TROPICAL FRUIT see subdivision under Tajikistan

TROUSERS see subdivision under Leningrad

TRUBEZH VALLEY—ANTIQUITIES
Relics of the remote past. A. Savchuk, IU. Kostenko Ukraina no 10:23 My '62.

TRUCK TRAILERS
Experimental investigation of loading conditions in the running gear of a trailer. N. A. Vziatyshev. Avt. prom. 28 no. 4:24-29 Ap '62.
Trailers are needed. A. Shvedenkov. Avt. transp. 40 no. 4:61 Ap '62.

TRUSTS, INDUSTRIAL see subdivision under Japan

TRYPSIN
Reaction of p-nitrophenyl ester of carbobenzoxy-D-phenylalanine with chymotrypsin. M. M. Botvinik, I. P. Kuranova. Dokl AN SSSR 143 no. 5:1094-1097 Ap '62.
Use of crystalline trypsin in the treatment of thrombophlebitis. K. N. Veremeenko, M. P. Zver'kova, N. P. Morozova. Nov. khir. arkh. no. 3:20-22 '62.

TRYPTOPHAN
Role of tryptophan in the formation of active antibody centers [with summary in English]. I. A. Tarkhanova, A. IA. Kul'berg. Vop. med. khim. 8 no. 2:163-169 Mr-Ap '62.

TSELINNYY KRAY see Virgin Territory

TSELINOGRAD—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK
A city party committee has passed a resolution G Romanov. Part. zhizn' Kazakh. 31[i. e. 32] no. 4:67-70 Ap '62.

TSELINOGRAD DISTRICT—AGRICULTURE
We increase the acreage of row crops V. Cheliadin Part. zhizn' Kazakh. 31[i. e. 32] no. 4:31-33 Ap '62.

TSIOLKOVSKII, KONSTANTIN EDUARDOVICH, 1857-1935
On the way to the stars. I. Shedvigovskii. Teatr 23 no. 5:169 My '62.

TSIPEL'ZON, EMMANUIL FILIPPOVICH
"Without you books would be cold," D Evseev Teatr 23 no 5,160 My '62

TUBERCULIN
Complex allergen for the diagnosis of tuberculosis in farm animals and poultry. L. V. Kirillov. Veterinariia 37 no 6 46-48 Ag '60.
Electrophoresis of protein fractions of the blood serum, phagocytosis and tuberculin allergy in tuberculous meningitis in children. IU. S. Ivanovskii. Probl tub. no. 3 109-111 '62.

TUBERCULIN—TESTING
Histochemical reactions of the eye to the administration of BCG vaccine and Alt tuberculin [with summary in English]. A. I. Nagdaseva. Vest. oft. no. 2 30-35 '62.

TUBERCULOSIS
ACTH in the treatment of Tuberculous meningitis and miliary tuberculosis in children K. P. Saiganik. Sov. med 25 no 1:137-139 Ja '62
Blood transfusion in the compound treatment of tuberculosis of the lungs. IU. V. Grigorovich, D. B Roznik. Probl. tub. no 3:114-115 '62
Case of pulmonectomy in caseous pneumonia in the acute phase. A. P. Doroshev. Probl. tub. no. 3 112-114 '62.
Characteristics of the course of pulmonary tuberculosis during the period 1949-1951 N I. Gebler Sov. med 25 no 1 133-135 Ja '62
Course of tuberculosis of the lungs in tuberculous meningitis [with summary in French] E. P Tarasova. Probl. tub. no. 3:53-58 '62.
Current status and prospects of further development of surgery in tuberculosis of the lungs. L. K. Bogush. Probl. tub. no. 3, 16-21 '62.
Dispensary registration of patients with tuberculosis. V. N. Bratkov. Probl. tub no 3:14-15 '62.
Effectiveness of ambulatory chemotherapy in tuberculosis of the lungs [with summary in French]. K. P. Prosvirnov, E. G. Tikhomirova Probl. tub. no. 3:58-63 '62.
Electrocardiographic observations in pulmonary tuberculosis A. G. Barakova Vop. pat. krovi i krvoobr no 5:161-165 '59
Endobronchial treatment of caverns in the lungs [with summary in French]. D. Dalnov. Probl. tub. no. 3: 69-70 '62.
Hemoptysis in chronic fibrocavernous pulmonary tuberculosis at Bel-Chogur Sanatorium. I. P. Zinov'ev Zdrav Kazakh 22 no. 2:41-43 '62.
Importance of determining the bacteriostatically active concentration of phthivazide in the blood for chemotherapy of tuberculosis [with summary in French]. N. M. Rudol. Probl. tub. no. 3:78-86 '62.
Indices of external respiration during extrapleural pneumothorax or oelothorax therapy and after its discontinuation I. N. Mehagishvili. Soob AN Gruz. SSR 28 no 1:111-118 Ja '62
Morphological features of tuberculosis according to autopsy data. S. E. Gleiberman. Zdrav. Turk 6 no. 1: 3-8 Ja-F '62
Petrov, E. D. [Textbook of methods for the climatological treatment of tuberculosis] Metodicheskoe posobie po klimaticheskomu lecheniiu bol'nykh tuberkulezom Moskva, Medgiz, 1961. 64 p. (DNLM)
Residual changes after curing various types of infiltrative pulmonary tuberculosis [with summary in English] N. I. Pashchenko. Sov med. 25 no 1:72-77 Ja '62.
State of the functional indices of the cardiovascular system in tuberculosis of the lungs during treatment with antibacterial preparations. S. I. Kovaleva. Probl. tub. no. 3 70-77 '62.
Surgical treatment of silicotuberculoma [with summary in English] B D Zislin. Gig truda i prof. zab. no. 4 35-41 '62.
Tuberculosis and the cardiovascular system. E. N. Kurlianova. Vop. pat. krovi i krvoobr. no. 5, 145-153 '59.
X-ray demarcation of peripheral cancer of the lung and tuberculoma [with summary in English]. E. IA. Podol'skaia Vop onk 8 no. 3:12-17 '62

TUBERCULOSIS—DIAGNOSIS see subdivision under Gorkiy Province

TUBERCULOSIS—PREVENTION see subdivision under Irkutsk Province, Kopeysk

TUBERCULOSIS IN ANIMALS
Complex allergen for the diagnosis of tuberculosis in farm animals and poultry. L. V. Kirillov. Veterinariia 37 no. 8:46-48 Ag '60.

TUBERCULOSIS IN ANIMALS—CONGRESSES
Seminar of veterinarians on problems in the diagnosis of brucellosis and tuberculosis in farm animals. E. S. Serglenko. Veterinariia 37 no. 10 94 O '60.

TUBERCULOSIS IN POULTRY
"Tuberculosis of domestic fowl" by P. I. Kokurichev, V. I. Rotov. Reviewed by V. M. Mitrofanov, L. M. Krapivner. Veterinariia 38 no. 1-65-66 Ja '61.

TUGBOATS
Pusher-tugboat "Bratislava" with separately controlled ring nozzles. B. V. Bogdanov. Sudostroenie 28 no. 3, 4-9 Mr '62.

TULA—RESTAURANTS, LUNCHROOMS, ETC.
Every second student has a meal-ticket book. Z. Lia-khovkina. Obshchest. pit. no. 3 50-51 Mr '62.

TULA PROVINCE—COLLECTIVE FARMS
Friendship verified by life. G. Bir'iukov. Sov. profsoiuzy 18 no. 9-8-9 Mr '62.

TULA PROVINCE—EVENING AND CONTINUATION SCHOOLS
Two years of work. P. Timoshchenko. Prof.-tekh. obr. 19 no. 4 21 Ap '62.

TULAREMIA see subdivision under Volga Delta

TUMORS
Apparatus for measuring the hardness of a tumor. A. S. Kogan. Klin. med. no. 8 142-143 '61.
Characteristics of epithelioid granulomas in vaccination with antiplague vaccines [with summary in English]. L. N. Koturga. Arkh. pat. no. 4 19-24 '62.
Development of leukemia and tumors in an experiment on mice of the C3H4 strain [with summary in English]. V. A. Paines, A. G. Varshavskii. Biul. eksp. biol. i med. 3[i.e. 53] no. 3 71-76 Mr '62.
Some morphological characteristics of Ehrlich ascites tumor cells in mice [with summary in English]. V. I. Boiko. Vop. onk. 8 no. 4 67-70 '62.

TUNA FISH
Tuna fishing vessel. V. F. Bezukladov, B. P. Znamerovskii. Sudostroenie 28 no. 3 1-4 Mr '62.

TUNG NUT
Possible methods for the condensation of tung-oil cake with phenol and phenolic alcohols in the presence of different catalysts. I. M. Gverdtsiteli, Kh. N. Fidler. Soob. AN Gruz. SSR 28 no. 1;25-32 Ja '62.

TUNGSTEN
Shock compression of porous tungsten [with summary in English]. K. K. Krupnikov, M. I. Brazhnik, V. P. Krupnikova. Zhur. eksp. i teor. fiz. 42 no. 3 675-685 Mr '62.

TUNGSTEN—METALLURGY
Separating tungsten and molybdenum from solutions of sodium tungstate and molybdate by hydrogen reduction under pressure. A. N. Zelikman, Z. M. Liapina. Izv. vys. ucheb. zav., tsvet. met. 3 no. 2,119-125 '60.

TUNGSTEN—PHYSIOLOGICAL EFFECT
Some problems of the effect on the body of Tungsten [with summary in English]. Kh. IA. Vengerskaia, S. S. Salikhodzhaev. Gig. truda i prof. zab. 6 no. 3;27-29 Mr '62.

TUNGSTEN CARBIDE
Work function of tungsten carbide. IU. V. Zubenko, I. L. Sokol'skaia. Zhur. tekh. fiz. 32 no. 3 378-380 Mr '62.

TUNGSTEN-COBALT-MOLYBDENUM ALLOYS—METALLOGRAPHY
Structure and properties of alloys of the system tungsten - carbon - cobalt - molybdenum. V. F. Funke, T. A. Novikova, V. I. Tumanov. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 2 113-118 Mr-Ap '62.

TUNGSTEN CRYSTALS
Secondary electron emission and elastic reflection of slow electrons by the different faces in tungsten monocrystals. A. R. Shul'man, D. A. Ganichev. Fiz. tver. tela 4 no. 3;745-754 '62.

TUNGSTEN-NIOBIUM-MOLYBDENUM ALLOYS see Niobium-molybdenum-tungsten alloys

TUNGSTEN ORES see subdivision under Dzhida Valley

TUNGSTEN OXIDES
Thermodynamics of tungsten oxides of variable composition. R. F. Ksenofontova, I. A. Vasil'eva, IA. I. Gerasimov. Dokl. AN SSSR 143 no. 5 1105-1107 Ap '62.

TUNGSTEN SULFIDES
Composition of products of o- and m-xylene destructive hydrogenation in the presence of tungsten sulfide. K. A. Pavlova, I. V. Kalechits. Trudy Vost.-Sib. fil. AN SSSR no. 38-19-24 '61.
Destructive hydrogenation of methylnaphthalenes in the presence of a WS_2 catalyst. K. A. Pavlova, I. V. Kalechits. Trudy Vost.-Sib. fil. AN SSSR no. 38-61-67 '61.

TUNGUSES—DWELLINGS
"Ugdan," a dwelling of the Evenki in the area of Yablonovy and Stanovoy Ranges. G. M. Vasilevich. Sbor. muz. ant. i etn. 20;30-39 '61.

TUNISIA—MAPS
Russia (1923- U. S. S. R.) Glavnoe upravlenie geodezii i kartografii. [Tunisia; 1:1 000 000] Tunis; 1:1 000 000. Moskva, Gos. izd-vo geogr. lit-ry, 1962.
——— ——— ———Utkin, G. N. [Text] 1962. 13 p.

TURBINES
Axial gap and flow structure in a banded turbine stage. D. I. Morozov. Izv. vys. ucheb. zav.; energ. 5 no. 3; 49-52 Mr '62.

TURBINES—AERODYNAMICS
Oscillation of a cascade of thin profiles in a compressible subsonic flow. V. B. Kurzin. PMTF no. 1 44-50 Ja-F '62.

TURBODRILLS
New procedure for casting stator plates for turbodrills. IU. G. Kovalev, V. K. Mikovidov. Lit. proizv. no. 4 42-44 Ap '62.

TURBOGENERATORS
Design of large hydrogenerators. V. V. Dombrovskii, M. IA. Kaplan. Vest. elektroprom. 33 no. 4,11-15 Ap '62.
Large turbogenerators designed by the S. M. Kirov "Elektrosila" Factory and a branch of the All-Union Scientific Research Institute of Electromechanics. G. P. Varlamian, G. I. D'iachenko. Vest. elektroprom. 33 no. 1;16-18 Ap '62.

TURBULENCE
Calculating a turbulent jet with a very high temperature. V. A. Golubev. Inzh. zhur. 1 no. 4 51-58 '61.
Change in turbulence behind the combustion zone. V. A. Frost. Trudy MFTI no. 7;105-109 '61.
Effect of initial turbulence on the boundaries and range of a submerged jet. IU. A. Shcherbina. Trudy MFTI no. 7 152-157 '61.
Laws of turbulent mixing of coaxial flows in a channel with a constant lateral cross section. O. V. IAkovlevskii. Inzh. zhur. 1 no. 4 39-50 '61.

TURGAY GATES—OSTRACODA, FOSSIL
New Late Eocene ostracods from the Turgay Gates. I. A. Khokhlova. Paleont. zhur. no. 4 109-114 '61.

TURGENEV, IVAN SERGEEVICH, 1818-1883
I. S. Turgenev and the publishing house of the Salaev brothers in Moscow. A. G. Mironov. Kniga; Issl. i mat. 5;323-356 '61.

TURIN—EXHIBITIONS
Italians compare.... V. Bulimov. Okhr. truda i sots. strakh. 5 no. 3;47 Mr '62.

TURIN—STRIKES AND LOCKOUTS—RUBBER INDUSTRY
Story of the Turin strike. I. Petrov. Nov. vrem. 20 no. 19;27-28 My '62.

TURIY PENINSULA—BRECCIA
Explosive breccia of the Turiy Peninsula and the age of the Terskiy series of sandstones (Kola Peninsula). A. G. Bulakh. Izv. vys. ucheb. zav.; geol. i razv. 5 no. 3; 44-53 Mr '62.

TURKESTAN RANGE—GEOLOGY
New data on the geology and Carboniferous sediments of the southern slope of the Chumkar-Tau (western extremity of the Turkestan Range). M. M. Kukhtikov, V. D. Saltovskaia, I. N. Chorenkov. Trudy AN Tadzh. SSR 104 no. 1;95-100 '59.

TURKEY—EDUCATION, HIGHER
Higher education in Turkey. N. N. Pochaev. Vest. vys. shkoly 20 no. 4;84-89 Ap '62.

TURKEY—FOREIGN RELATIONS
From a coup d'etat to a coalition government [with English summary in insert]. G. Bailov. Az. i Afr. seg. no. 4;18-20 Ap '62.

TURKEY—HISTORY
"Remarkable events" by Hüseyin. Edited by A. S. Tvertinova. Reviewed by A. Zhelniakov. Nar. Azii i Afr. no. 2-243-244 '62.

TURKEY—POLITICS AND GOVERNMENT
From a coup d'etat to a coalition government [with English summary in insert]. G. Bailov. Az. i Afr. seg. no. 4;18-20 Ap '62.

TURKEY—SORBUS
Review of the species of the genus Sorbus L. in Turkey. E. TS. Gabrielian. Izv. AN Arm. SSR. Biol. nauki 15 no. 3;61-71 '62.

TURKIC LANGUAGES see subdivision under China

TURKIC LANGUAGES—DICTIONARIES—RUSSIAN
Budagov, L. Z., comp. [Comparative dictionary of Turkish-Tatar dialects including the most Arabic and Persian words in Russian translation] Sravnitel'nyi slovar' turetsko-tatarskikh narechii, so vkliucheniem upotrebitel'neishikh slov arabskikh i persidskikh i ikh perevodom na russkii iazyk. Sankt-peterburg, Tipografiia Imperatorskoi Akademii nauk, 1869. [Moskva, Izd-vo vostochnoi lit-ry, 1960] 2 v.

TURKISH LANGUAGE—BIBLIOGRAPHY see Bibliography—Turkish language

TURKMENISTAN—BRUCELLOSIS
Interrepublic conference of veterinary and medical specialists on brucellosis control. I. N. Ivashurova. Zdrav. Turk. 6 no. 1;46-48 Ja-F '62.

TURKMENISTAN—COMMUNIST PARTY OF THE SOVIET UNION
Kuznetsov, IU. S. [The Communist Party (Bolsheviks) of Turkmenistan from 1926 to 1929] Kommunisticheskaia partiia (bol'shevikov) Turkmenistana v 1926-1929 godakh. Ashkhabad, Turkmenskoe gos. izd-vo, 1960. 267 p. (MH)

"Studies on the history of the Communist Party of Turkmenistan." Reviewed by M. I. Artem'eva and others. Vop. ist. KPSS 6 no. 2,181-186 '61.

TURKMENISTAN—DWELLINGS
Some problems of dwelling construction in a hot climate. B. G. Baghov, Kh. I. Kuliev, IU. D. Cherkasov. Zdrav. Turk. 6 no. 1;35-38 Ja-F '62.

TURKMENISTAN—FAULTS (GEOLOGY)
Contemporary structural plan of the Kopet'dag fault zone. R. E. Aizberg, G. I. Amurskii. Geol. neft. i gaza no. 3;39-41 Mr '62.

TURKMENISTAN—FERNS, FOSSIL
Middle Jurassic ferns from western Turkmenia. A. T. Burakova. Paleont. zhur. no. 4 136-144 '61.

TURKMENISTAN—FORAMINIFERA, FOSSIL
New and typical species of Paleogene foraminifera of northern Turkmenia. V. T. Balakhmatova. Sb. trud. sbor. VSEGEI no. 47 3-22 '61.

TURKMENISTAN—GEOLOGY, STRATIGRAPHIC
Popov, G. I. [Apsheronian stage of Turkmenia] Apsheronskii iarus Turkmenii. Ashkhabad, Izd-vo Akad. nauk Turkmenskoi SSR, 1961. 420 p.

TURKMENISTAN—INSECTS
"Fauna and ecology of insects of the Turkmen S.S.R." Reviewed by V. V. IAkhontov. Zool. zhur. 41 no. 1 152-154 Ja '62.

TURKMENISTAN—JOURNALISTS
Promote innovations. E. Rubchikova. Sov. prof. no. 4 42-43 Ap '62.

TURKMENISTAN—MAPS, PHYSICAL
Methods of mapping genetic types of surface deposits in Turkmenistan. E. T. Palienko. Izv. AN Turk. SSR Ser. fiz.-tekh., khim. i geol. nauk no. 2 126-127 '62.

TURKMENISTAN—PALEOBOTANY, STRATIGRAPHIC
Mesozoic flora of Turakyr and its stratigraphic significance [with summary in English]. A. T. Burakova. Uch. zap. LGU 17 no. 6;5-15 '62.

TURKMENISTAN—SCARABAEIDAE
Description of the larvae of two species of the subfamily Rhizotroginae (Coleoptera, Scarabaeidae) from Turkmenistan [with summary in English]. S. I. Medvedev. Zool. zhur. 41 no. 2,290-293 F '62.

TURKMENISTAN—SPIDERS
Materials on the study of Latrodectus pallidus O. P.-Cambr. subsp. pavlovskyi Charit. [with summary in English] V. E. Beregovoi. Zool. zhur. 41 no. 4 525-531 '62.

TURNING
Effect of basic technological factors on cutting forces in machining steel castings on lathes with variable speeds. B. S. Navrotskii. Mashinostroenie no. 2 [illegible] Mr-Ap '62.

TURNING—PRODUCTION STANDARDS
Moscow. TSentral'noe biuro promyshlennykh normativov po trudu. [General norms used in the machinery industry for machining hardened steel on lathes] Obshchemashinostroitel'nye normativy rezhimov rezaniia pri tochenii zakalennoi stali. Moskva, 1961. 74 p.

TUVA A.S.S.R.—CINNABAR
Metallocolloidal formations of cinnabar in areas of the Teriigkhayskoye mercury deposit (Tuva) and problems of the status of mercury-containing hydrothermal [illegible] [with summary in English]. V. I. Solnikov. Geol. i geofiz. no. 1 79-87 '62.

TUVA A.S.S.R.—GRANITE
Correlation of Lower Paleozoic granitoids of eastern Tuva and the eastern part of the Eastern Sayan [with summary in English]. F. P. Mitrofanov. Vest. LGU 12 no. 6;47-58 '62.

TUVA A.S.S.R.—ROCKS, IGNEOUS
Alkali intrusions in the northeastern part of Tuva. V. S. Kudrin. Sov. geol. 5 no. 4-40-52 Ap '62.

TUVA A.S.S.R.—TITANIUM
Basic characteristics of the titanium metallogeny of the Tuva Autonomous Republic. V. M. Neimtsovich, G. B. Shaposhnikov. Trudy VSEGEI 60;107-120 '61.

TWAIN, MARK, pseud. see Clemens, Samuel Langhorne, 1835-1910

TWILIGHT
Twilight fluorescence spectra of helium emission 10830 Å. N. I. Fedorova. Izv. AN SSSR. Ser. geofiz. no. 4;538-547 Ap '62.

TWINS
"Twins (essays on the problems of multiple pregnancy)" by I. I. Kanaev. Reviewed by L. N. Zhiakin. Arkh. anat. gist. i embr. 40 no. 5;108-110 My '61.

2,4-D
Use of herbicides and arboricides. A. Lashkov. Vest. sel'khoz. nauki 7 no. 1;155-158 Ja '63.

TYCHYNA, PAVLO HRYHOROVYCH, 1891-

Shadura, V. O. [Vocabulary used by P. H. Tychyna] Leksyka movy P. H Tychyny. Dnipropetrovs'k Vol. 1. [Word index for his works, 1910-1945] Slovopokazchyk do tvoriv 1910-1945 rr. 1960.
(MH)

TYPEWRITING—HYGIENIC ASPECTS

Preventing diseases of the hands in typists G. N. Mazunina, Zdorovie 8 no 2, 30-31 F '62

TYRNYAUZ—POLITICS AND GOVERNMENT

How they replace the chairmen of the executive committee in Tyrnyauz. V. Mukhortov. Sov. deput. trud. no. 1: 75-77 Ap '62.

TYROSINE

Synthesis of m-[di(2-chloroethyl)amino]-O-methyl-D, L-tyrosine. J Degutis, L Straukas Zhur ob. khim 32 no 4 1255-1259 Ap '62.

TYUMEN' PROVINCE—HORSEFLIES

Horseflies (Tabanidae) of Tyumen' Province [with summary in English] V. V. Popov Zool zhur 41 no. 1: 101-109 Ja '62

TYUMEN' PROVINCE—LANGUAGES—STUDY AND TEACHING

Work of the Tyumen Province Institute for Teacher Improvement L. IA Sadchikova. Inostr. iaz. v shkole no. 4: 78-83 Jl-Ag '61.

TYUMEN' PROVINCE—PENSIONS

Under the control of the people. Z. Sobolev, V. Kostko. Sots obesp 23 no. 4: 27-28 Ap '62.

TYUMEN' PROVINCE—RESTAURANTS, LUNCHROOMS, ETC.

Restaurants in the Siberia region. I. Vasilashkin Obshchestv pit no 1: 28-29 Ja '62.

TYUNG VALLEY—ALLUVIUM

New data on "watershed pebbles" in the Markha-Tyung interfluve. O. I. Kardopol'tseva and others. Trudy VSEGEI 66: 117-133 '61.

UDDER—DISEASES

Measures to be taken in case of udder pox in cows. N. N Voloskov. Veterinariia 37 no. 8: 26 Ag '60.

Pathogenic therapy combined with antibiotics in treating mastitis in cows. V M Voskoboinikov Veterinariia 37 no 12 51-53 D '60

Use of the antithticular cytotoxic serum in puerperal pathology of cows. P. I. Maloletko. Veterinariia 37 no. 10, 60 O '60.

UDMURT A.S.S.R.—GRAVITY PROSPECTING

Geological interpretation of maps of second derivative, vertical gravity anomalies. L. F. Auc. Geofiz. razved. no. 6: 16-22 '61.

UFA—HISTORY

Minasian, M. I. [In our district] V nashem raione. Ufa, Bashkirskoe knizhnoe izd-vo, 1960. 31 p.
(MH)

UFA—TEACHERS, TRAINING OF

Work with teachers. E. Znaidl. Nar. obr. no. 4: 27-28 Ap '62.

UFA REGION—SINKHOLES

Effect of the dynamics of gypsum karst on the relief, on the 60th anniversary of the publication of D. L. Ivanov's work "Ufa karst holes" G. G Skvortsov. Inform. sbor Mezhd. kom. po izuch. geol. geogr. kar. no. 1, 207-217 '60.

UGLICH—LOCKS (HYDRAULIC ENGINEERING)

Operation of the Uglich locks. F. Lengvens. Rech. transp. 21 no. 3: 38 Mr '62.

UIGUR MANUSCRIPTS see Manuscripts, Uigur

UKRAINE—AGRICULTURAL ADMINISTRATION

We should drastically improve the guidance of agriculture. M Bubnovs'kyi. Komm. Ukr. 37 no. 4: 10-21 Ap '62.

UKRAINE—AGRICULTURAL EDUCATION

Education of future scientists. Pyt. ekon. stil'. hosp. URSR no. 3: 161 '61.

Training scientific and pedagogic specialists worthy of the epoch of the building of communism. S. I. Lebedev. Visnyk sil'hosp. nauky 5 no. 3: 3-8 Mr '62

UKRAINE—AGRICULTURAL POLICY

Our opportunities are unlimited. Nikon Bugaenko. Sov. Ukr. 12 no. 5: 141-146 My '62.

UKRAINE—AGRICULTURAL WAGES

Republic seminar on the generalization of advanced practices in the introduction of incentive wages on collective farms. Pyt. ekon. stil'. hosp. URSR no. 3, 166-167 '61.

UKRAINE—AGRICULTURE

Technological charts of agricultural production. B. M Seredenko, L. S. Prystapchuk. Pyt. ekon. stil'. hosp. URSR no. 3: 13-34 '61.

UKRAINE—AGRICULTURE—STUDY AND TEACHING

Socially useful work of the primary grade students in agriculture. S G. Reutova Rad shk 41 no 5 55-57 My '62.

UKRAINE—AGRICULTURE, COOPERATIVE

Apostolov, V. V. [The Ukrainian press in the struggle for the collectivization of agriculture, 1930-1932] Presa Ukrainy v borot'bi za kolektyvizatsiiu sil's'koho hospodarstva, 1930-1932 roky. Kyiv, Vyshcha partiina shkola pry TsK KP Ukrainy, 1961. 49 p.

UKRAINE—ARBITRATION AND AWARD

Decisions of arbitration agencies. Rad. pravo no. 2: 121-123 Mr-Ap '62.

UKRAINE—ART INDUSTRIES

Voloshyn, I. I [Beauty lives forever] Prekrasne zhyve vichno. Kyiv, Derzh. vyd-vo dytiachoi lit-ry URSR, 1961. 102 p.

UKRAINE—ATHEISM—AUDIO-VISUAL AIDS

Projection aids in atheistic work. G G Bykova, A V. Serdiuk. Rad shk 41 no 5 70-74 My '62

UKRAINE—ATHEISM—STUDY AND TEACHING

In the Ministry of Education of the Ukrainian S. S. R. Rad shk 10 no 4 93-94 Ap '62

UKRAINE—AUDITING

Organization of document inspections in trading organizations and public dining-room trusts. A Kondratskii. Bukhg. uchet 10 no. 3: 46-48 Mr '62.

UKRAINE—BLISTER BEETLES

Blister beetles (Coleoptera, Meloidae) of the fescue-feather grass and wormwood-fescue-feather grass steppes in the left-bank Ukraine [with summary in English]. S. I. Medvedev, G. N. Lavchinskaia Ent oboz 41 no 1 142-147 '62

UKRAINE—CANNING INDUSTRY

Scientific and technical conference on the use of advanced technology V. L Minkin Kons i ov prom. 17 no. 4: 39-40 Ap '62

UKRAINE—CASTLES

Early Russian fortified settlements. V. I. Dovzhenok. Arkheologiia 13: 95-101 '61.

UKRAINE—COLLECTIVE FARMS

Shoulder to shoulder. Pavel Polynskii. Sov. Ukr. 12 no. 5: 147-150 My '62.

Use and mode of the operation of automotive transportation on collective farms. V. F. Savchenko. Pyt ekon stil'. hosp. URSR no 3: 155-160 '61.

UKRAINE—COLLECTIVE FARMS—FINANCE

Working capital and its use on collective farms. S. IA. Obzhelians'kyi. Visnyk sil'hosp. nauky 5 no. 3: 9-16 Mr '62.

UKRAINE—COMMUNICATION

"Community participation in press, radio and television." Reviewed by V. Tiutiunnik. Sov. pech. no. 2: 47 F '62.

UKRAINE—COMMUNIST PARTY OF THE SOVIET UNION—CONGRESSES

Shevelev, A. H. [Tenth Congress of the Communist Party of the Ukraine] Desiatyi z'izd KP(b)U. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1960. 198 p. (Z'izdy i konferentsii Komunistychnoi partii Ukrainy)
(NNC)

UKRAINE—COMMUNIST YOUTH LEAGUE

To the 19th Congress of the Ukrainian Communist Youth League Rad shk 40 no 4 3-1 Ap '62

UKRAINE—CONSTITUTION

Ukraine. Constitution. [Constitution (fundamental law) of the Ukrainian Soviet Socialist Republic; with amendments adopted at the second and third sessions of the Fifth Supreme Soviet of the Ukrainian S. S. R.] Konstitutsiia (osnovnoi zakon) Ukrainskoi Sovetskoi Sotsialisticheskoi Respubliki; s izmeneniiami i dopolneniiami, priniatymi na II i III sessiiakh Verkhovnogo Soveta Ukrainskoi SSR piatogo sozyva. Kiev, Izd. Verkhovnogo Soveta USSR, 1960. 28 p.

Ukraine. Constitution. [Constitution (fundamental law) of the Ukrainian Soviet Socialist Republic; with amendments adopted at the fifth and sixth sessions of the Fifth Supreme Soviet of the Ukrainian S. S. R.] Konstitutsiia (osnovnoi zakon) Ukrainskoi Sovetskoi Sotsialisticheskoi Respubliki; s izmeneniiami i dopolneniiami, priniatymi na V i VI sessiiakh Verkhovnogo Soveta Ukrainskoi SSR piatogo sozyva. Kiev, Izd. Verkhovnogo Soveta USSR, 1962. 29 p.

UKRAINE—CONSTRUCTION INDUSTRY

Organized forms of rural construction in the Ukraine. M. Berlin. Ekon. stroi. no. 3: 29-31 Mr '62.

Raise the technical level of industrial construction in the Ukraine. A. Nemchinskii Ekon. stroi. no. 1: 63 Ja '62.

UKRAINE—CONSTRUCTION INDUSTRY—FINANCE

Improve economic work in the construction organizations of the Ukraine. G. Khmel'nitskii. Ekon. stroi. no. 3: 63-65 Mr '62.

UKRAINE—CORN (MAIZE)

Beacon lights of the glory of the Communist Youth League Znan ta pratsia no 4, 6-7 Ap '62.

Ladani, I. M. [Love corn] Liubit' kukurudzu! Uzhhorod, Zakarpats'ke oblasne knyzhkovo-gazetne vyd-vo, 1961. 20 p. (XXII z'izdu KPRS - hidnu zustrichi! Peredovyi dosvid - v masy!)
(DA)

UKRAINE—CRIMINAL JUSTICE, ADMINISTRATION OF

Brief news. Rad. pravo no. 2: 139-141 Mr-Ap '62.

UKRAINE—CRIMINAL PROCEDURE

Presentation of evidence according to the criminal procedure code of the Ukrainian S S R M Hrodzyns'kyi. Rad. pravo no. 2: 56-61 Mr-Ap '62.

UKRAINE—CULTURE

Brief news. Mystetstvo 8 no. 3: 40, 3 of cover My-Je '61.

Brief news. Mystetstvo 9 no. 1: 36-38 Ja-F '62.

Life is demanding. Oleksii Sobol's'kyi. Mystetstvo 8 no. 3: 18-19 My-Je '61.

"Origin of Soviet Ukrainian culture, 1917-1920" by I. D Zolotovenkhyi. M P. Rud'ko Rad. shk 40 no 1: 92 Ap '62.

To all workers of literature and art in the Soviet Ukraine. Mystetstvo 8 no. 3: 2 My-Je '61

Until the next gathering of artists. Mystetstvo 9 no. 1: 1-2 Ja-F '62.

UKRAINE—DEEP-SEA DEPOSITS

Occurrence of deep-sea sediments of the Rostov horizon and Upper Sarmatian in the southern Ukraine. I. S. Bilokrys. Geol zhur 22 no. 2: 68-71 '62.

UKRAINE—DISSERTATIONS, ACADEMIC

Defense of dissertations Pyt. ekon. stil' hosp URSR no. 3: 162-164 '61.

Defense of dissertations on the Ukrainian and Russian language in the Ukraine in 1961. Ukr mova v shkoli 12 no 2: 91-96, 4 of cover Mr-Ap '62

UKRAINE—ECONOMIC CONDITIONS

Under the banner of great Lenin. IU. Tolsuiev. Znan, ta pratsia no 4: 1-3 Ap '62.

UKRAINE—ECONOMICS

Akademiia nauk URSR, Kiev. Instytut ekonomiky. [History of economic thought in the Ukraine] Z istorii ekonomichnoi dumky na Ukraini. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 346 p.

UKRAINE—EDUCATION

What a school system should be like. S Babyshyn and others Rad. shk 41 no. 5: 64-67 My '62.

UKRAINE—EDUCATION—PERIODICALS

Meeting with the readers of the "Radians'ka shkola" periodical Rad. shk 40 no. 4: 91-95 Ap '62.

UKRAINE—EDUCATION, ELEMENTARY

Preparing primary grade students for work P Z. Svideris'ka. Rad shk 41 no 5: 51-55 My '62

UKRAINE—EDUCATION, HIGHER

Prospects for the development of institutions of higher learning in the Ukraine IU. N Dadenkov Vest vys. shkoly 20 no 1, 6-10 Ap '62

UKRAINE—EDUCATIONAL RESEARCH

Organizing group research on didactics is an urgent task A I. Zil'bershtein. Rad. shk. 41 no. 5: 42-44 My '62.

UKRAINE—EVENING AND CONTINUATION SCHOOLS

Prospects of the development of the school network and its organizational structure. E. S Berezniak Rad shk. 40 no 1: 61-67 Ap '62.

UKRAINE—EYE—DISEASES AND DEFECTS

Fourteenth Session of the Ginshman Ukrainian Research Institute for Eye Diseases. K. G Vainer, F. G. Pis'mennaia. Oft. zhur. 16 no. 8: 490-496 '61.

UKRAINE—FARM MECHANIZATION

[Brigades of communist labor in villages] Brygady komunistychnoi pratsi na seli. [Kharkiv] Khar'kivs'ke knyzhkove vyd-vo, 1961. 87 p.
(DA)

Gol'man, V. M. [Effectiveness of the overall mechanization of agriculture] Efektyvnist' kompleksnoi mekhanizatsii v sil's'komu hospodarstvi. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 84 p. (Vchent Ukrainy - narodnomu hospodarstvu)
(DA)

UKRAINE—FERTILIZERS AND MANURES

Mechanization of the production and placement of organic fertilizers. S. H. Kryshtab, O. H. Zalyhin. Pyt. ekon. stil'. hosp. URSR no. 3: 78-84 '61.

UKRAINE—FOOD, CONCENTRATED

Improving the keeping quality of food concentrates. I. D. Movshovich. Kons i ov prom. 17 no 4: 15-16 Ap '62.

UKRAINE—FRUIT CULTURE

Determining the size of state fruit farms. D. IA. Ihnatkov, P. S. Korinnyi. Visnyk sil'hosp. nauky 5 no. 3: 17-19 Mr '62.

UKRAINE—GAS, NATURAL—GEOLOGY
[Prospecting for mineral resources in the Ukraine] Razvedka nedr Ukrainy. Kiev, 1959. 46 p. [MICROFILM]

UKRAINE—GEOCHEMICAL PROSPECTING
Geochemical methods of prospecting for minerals and plans for their utilization in the Ukraine M. M. Ivantyshyn, B F Mutakeych Geol zhur 22 no 2:19-28 '62

UKRAINE—GEOMETRY
Development of the framework of geometry in the Ukraine V O.Volkova. Ist.-mat.zbir. 2 43-56 '61
Popular notions in geometry in the Ukraine L.M Gratsianskaia. Ist.-mat.zbir. 2 148-155 '61.

UKRAINE—HISTORY
Doroshenko, Dmytro. [History of the Ukraine, for school and home] Istoriia Ukrainy, dlia shkoly i rodyny. [Vyd. 5.] New York [Vyd vorp. Bulava] 1957. 253 p. (InU)

UKRAINE—HISTORY—SOURCES
Akademiia nauk URSR, Kiev. Instytut suspil'nykh nauk. [The documents of Bogdan Khmel'nitskii, 1648-1657] Dokumenty Bohdana Khmel'nits'koho, 1648-1657. Uporiadnyky i Kryp'iakevych ta I. Butych. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 738 p.

UKRAINE—INDUSTRIAL HYGIENE
Photographic exhibition in the Ukraine IU Sedykh Okhr truda i sots strakh 5 no 3 24 Mr '62

UKRAINE—INLAND WATER TRANSPORTATION
Complex use of water resources of rivers in the western provinces of the Ukrainian S S.R A Chechel'nitskii Rech transp 21 no 3 34-35 Mr '62.

UKRAINE—JUSTICE, ADMINISTRATION OF
The 22d Congress of the CPSU and the objectives of Soviet courts. K Zhurs'ka Rad pravo no.2.10-15 Mr-Ap '62.

UKRAINE—LABOR AND LABORING CLASSES
"In honor of work." Reviewed by L Rechmedin. Sov. pech no.3 52-53 Mr '62.

UKRAINE—LAW—CASES
Decisions of the Supreme Court of the Ukrainian S S.R Rad pravo no.2 116-120 Mr-Ap '62.

UKRAINE—LEAF-SPOT
Pathogen of cauliflower leaf spot in the Ukraine. S.S. Sydorenko. Mikrobiol.zhur. 23 no.6 22-27 '61.

UKRAINE—LOCUST (TREE)
Increment tables for black locust plantations in the Ukraine. M V Davidov Izv.vys.ucheb.zav., les. zhur. 4 no 6 3-8 '61.

UKRAINE—MAMMALS
Sokur, I. T. [Historical changes and utilization of mammals in the Ukraine] Istorychni zminy ta vykorystvannia fauny ssavtsiv Ukrainy Kyiv, Vyd-vo Akad. nauk URSR, 1961. 83 p.

UKRAINE—MAY DAY (LABOR HOLIDAY)
May Day in the Ukraine. Ukraina no 10 3 My '62.

UKRAINE—METEOROLOGY, AGRICULTURAL—STUDY AND TEACHING
Agrometeorological school station S F Savchenko, V. P Il'chenko Rad shk 41 no 5 61-62 My '62

UKRAINE—MOLLUSKS, FOSSIL
New species of Eocene molluska in the southern Ukraine. I A Korobkov. Paleont. zhur no 4 29-39 '61

UKRAINE—MOTION-PICTURE PLAYS
Contemporaneity and motion pictures. Mystetstvo 8 no.3-4 My-Je '61.
New times and new demands. Mystetstvo 9 no.1:5 Ja-F '62.
So that the audience would be satisfied. Evhen Taranets'. Mystetstvo 8 no.3 28-30 My-Je '61

UKRAINE—MOTION PICTURES, DOCUMENTARY
Roads and meetings. Vasyl' Sychevs'kyi. Mystetstvo 9 no.1 13-15 Ja-F '62.

UKRAINE—OAK
Planting oak in clusters in the southern Ukraine [with summaries in English, German, and French]. B.E. Berchenko. Vest.sel'khoz.nauki 7 no.1,114-124 Ja '62

UKRAINE—OAK—DISEASES AND PESTS
Pea green moth and its control in the forest stands of the southeastern Ukraine. L.G.Apostolov. Izv.vys. ucheb.zav., les.zhur. 4 no.6,24-26 '61.

UKRAINE—OPHTHALMOLOGY
Results of the work of the Filatov Institute during the period 1936-1961. N.A. Puchkovskaia, V.A. Rukin. Oft.zhur. 16 no.6:483-490 '61.

UKRAINE—ORTHODOX EASTERN CHURCH
Silvestr, Bp. of Lubny and Mirgorod. [Organization of the Orthodox Church in the Ukraine] TSerkovnyi Ustrii v Ukraini. Neu Ulm, 1946. 63 p.

UKRAINE—PASTURES AND MEADOWS
Planted pastures on the eroded slopes of the forest steppe of the Ukrainian S S.R. V. A. Cherkasova, E D Kononovich Zemledelie 24 no 4 48-52 Ap '62

UKRAINE—PETROLEUM GEOLOGY
[Prospecting for mineral resources in the Ukraine] Razvedka nedr Ukrainy. Kiev, 1959 46 p. [MICROFILM]

UKRAINE—PIONEERS (COMMUNIST YOUTH)
Great celebration of the young Leninists. V. V. Kulyk Rad. shk 11 no 5 9-12 My '62
Pages of glorious history. M Myronov, Z Bilenko. Rad. shk 40 no.4 76-82 Ap '62
Pioneer movement under the conditions of school reorganization O P Kondratiuk. Rad. shk. 11 no 5 14-16 My '62.

UKRAINE—PLANTS, ORNAMENTAL
Kharkevych, S S. [Caucasian ornamental spring plants under natural conditions and in cultivation in the Ukraine] Vesniani dekoratyvni rosliny Kavkazu v pryrodi ta v kul'turi na Ukraini. Kyiv, Vyd-vo Akad. nauk URSR, 1962 150 p

UKRAINE—POLITICS AND GOVERNMENT
"The Soviet Ukrainian state during the reconstruction of the Ukrainian national economy" by B. M. Babii. Reviewed by F Burchak and others Rad. pravo no. 2: 126-131 Mr-Ap '62.

UKRAINE—POTTERY, PRIMITIVE
Pottery of the settlements of the Gorodsk type. M.M. Shmahlii. Arkheologiia 13 20-37 '61.

UKRAINE—PRESS
Apostolov, V. V. [The Ukrainian press in the struggle for the collectivization of agriculture, 1930-1932] Presa Ukrainy v borot'bi za kolektyvizatsiiu sil's'koho hospodarstva, 1930-1932 roky. Kyiv, Vyshcha partiina shkola pry TsK KP Ukrainy, 1961. 40 p.

UKRAINE—PRINTING
"The Ukrainian book at the end of the 16th and during the 17th century" by I IA. Kaganov Reviewed by E. I Kats-przhak Kniga;Issl i mat 5:359-362 '61

UKRAINE—PROSPECTING
Brief report on the results of geological prospecting and problems for 1962 V. S. Popov. Geol zhur. 22 no. 2: 3-6 '62

UKRAINE—PSEUDORABIES
Neural form of Aujesky's disease in adult swine. M.G. Nikitin. Veterinariia 37 no.8:31-12 Ag '60.

UKRAINE—PUBLISHERS AND PUBLISHING
Publishing in the Ukraine from 1917 to 1960. A. V. Molodchikov Kniga;Issl i mat 5:57-87 '61.

UKRAINE—Q FEVER
Q fever of occupational origin in some provinces of the Ukrainian S.S.R. B.G.Zatulovskii, V.I.Bondarenko. Gig.i san. 27 no.3:94-96 Mr '62.

UKRAINE—RELATIONS (GENERAL) WITH ARMENIA
"Friendly contacts in the history of the Ukrainian and Armenian peoples" Reviewed by V. Zhilina. Ist.-filol. zhur no.1 281-286 '62.

UKRAINE—RELATIONS (GENERAL) WITH KIRGHIZISTAN
Kirghiz-Ukrainian theatrical ties. Bekmurza Dzhumabaev. Mystetstvo 8 no.3:12-13 My-Je '61.

UKRAINE—RELIGION AND LITERATURE
Dovhaliuk, P. M. [Godless defenders of God; antireligious subjects in Ukrainian literature] Bezbozhni okhorontsi Boha (antyreligiina tema v ukrains'kii literaturi), narysy. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 268 p.

UKRAINE—REPORTERS AND REPORTING
To gain the stature of heroes. I.Semenets. Sov.pech. no.3:18-20 Mr '62.

UKRAINE—RESTAURANTS, LUNCHROOMS, ETC.—AUDITING AND INSPECTION
Organization of document inspections in trading organizations and public dining-room trusts. A. Kondratskii. Bukhgalter 19 no.3,46-48 Mr '62.

UKRAINE—REVOLUTION, 1917-1921
Kapustians'kyi, M. [Offensive of the Ukrainian Armed Forces aimed at Kiev and Odessa in 1919; brief study of military history] Pokhid Ukrains'kykh Armii na Kyiv-Odesu v 1919 rotsi; korotkyi voienno-istorychnyi ohliad. Vyd. 2. Munich.
Book 1. Pts. 1 and 2. 1946. 110 p.
Book 2. Pts. 3. 1946. 200 p.
——— Skhemy
"V. I. Lenin on the Ukraine" by V. P. Tytarenko. Reviewed by P. Denysenko. Komm. Urk. 37 no. 4 84-86 Ap '62.

UKRAINE—SOCCER
Golden autumn. Valentina Os'mak. Sov. Ukr. 12 no 1: 103-107 My '62.

UKRAINE—SOCIAL PROBLEMS
Brief news Rad. pravo no 2.139-141 Mr-Ap '62

UKRAINE—SOIL ACIDITY
Determining the pH value in soils of the Ukrainian S S R [with summary in English] N K. Krupskii, A M Aleksandrova, D. N Gubareva Pochvovedenie no 4 70-78 Ap '62

UKRAINE—SOVIETS
Executive committees and the deputies of local Soviets I Shyshlov. Rad pravo no. 2 13-18 Mr-Ap '62

UKRAINE—SPORTS
April 16, the last day of our "relay race." V. Kosarchuk Komsom. zhizn' no 8-15-16 Ap '62

UKRAINE—STEEL INDUSTRY
"Communist praiseworthy note." Reviewed by V. Shevlov. Sov.pech. no.3 50-52 Mr '62.

UKRAINE—STOCK AND STOCKBREEDING
Pasichnyk, P. P. [How productivity in stockbreeding will be increased in the Ukraine] IAk zrostut tvarynni produktsiia tvarynnytstva na Ukraini. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 61 p. (Vcheni Ukrainy - narodnomu hospodarstvu)
(DA)

UKRAINE—SUGAR BEET BREEDING
Sugar beets become sweeter. I. Rosokhovatskyi Z na pratsia no.4:17 Ap '62.

UKRAINE—SUGAR BEETS
Kiev. Vsesoiuznyi nauchno-issledovatel'skii institut sakharnoi svekly. [New technology of growing sugar beets] Novaia tekhnologiia vozdelyvaniia sakharnoi svekly. Kiev, Izd-vo Ukrainskoi akad. sel'khoz. nauk 1961 27 p.
(DA)

UKRAINE—SUGAR INDUSTRY
Sugar industry of the Ukrainian S S.R on the threshold of 1962 V. L. Murlanchik, N. V Khelze [Sakharnaia prom 35[i e. 36] no 2:6-9 F '62

UKRAINE—SUNFLOWERS
Cultivation of a fall-plowed field before sowing a best time for sowing sunflowers in the central regions of the Ukraine. Z B. Borysonik, O. M Burmak Visnyk sil'hosp. nauky 5 no 3 24-27 Mr '62

UKRAINE—TEACHING
Innovations that excite doubts M. V. Vaniga Rad shk 41 no. 5 82 My '62.
New form of teaching has positive advantages I F Rad shk 41 no. 5 81-82 My '62
We became interested in the practice of Kirovograd teachers. B. G. Rakover. Rad. shk. 41 no 5 84 My '62.

UKRAINE—THEATER
Better plays and better roles. Mystetstvo 9 no.1 57 Ja-F '62.
Heroes of the seven-year plan on the stage. [Plays by Zaludnyi. Mystetstvo 8 no.3:10 My-Je '61.
Pages of a chronicle (continuation). Heorhii Kyrychenko Mystetstvo 9 no.1:23-25 Ja-F '62.
What we would like to see on the stage. Ivan I and others. Mystetstvo 9 no.1,4 Ja-F '62.

UKRAINE—TOBACCO PIPES
Tobacco pipes of the Ukrainian Cossacks H Surlai Ukraina no.10 23 My '62

UKRAINE—TRACE ELEMENTS
Distribution of accessory elements in the rocks of the Orekho-Pavlograd belt of magnetic anomalies. B. A. Horlyts'kyi. Geol. zhur. 22 no. 2:87-90 '62.

UKRAINE—TRANSPORTATION, AUTOMOTIVE
Economic effectiveness of the use of various transportation means on collective farms. V. I. Kotelianets' Pyt. ekon. sil'. hosp. URSR no. 3:102-109 '61
Using various means of transportation on state farms V. O. Pytul'ko, V. H. Bil's'kyi. Pyt. ekon sil' hosp URSR no. 3:110-119 '61.

UKRAINE—UNIVERSITIES AND COLLEGES
[A spirit of intense activity in study halls] V audytoriiakh vyrule zhyttia. Kyiv, Vyd-vo TsK LKSMU "Molod'," 1961. 111 p.

UKRAINE—VEGETABLES, DRIED
Technology of manufacturing powdered vegetables in spray-dryers. M. P. Grigorash, G. B. Gluzman Konserv. prom. 17 no. 4:18-21 Ap '62.

UKRAINE—VIEWS
[Through Soviet Ukraine; photo reports] Po rad. Ukr. no. 3 '62.

UKRAINE—VIRUS DISEASES

Enteroviruses in the territory of the Ukrainian S.S.R. Report No. 7 Parapoliomyelitis viruses (Coxsackie and ECHO). M. F. Holub Mikrobiol. zhur. 23 no. 4: 36-43 '61

UKRAINE—WATER, UNDERGROUND

Ukrainskoe gidrogeologicheskoe soveshchanie, 1st, [Transactions of the 1st Ukrainian Hydrogeological Conference] Trudy. Kiev, Izd-vo Akad. nauk USSR. Vol. 1. [Hydrogeology] Voprosy gidrogeologii. 1961. 463 p.

UKRAINE—WORLD WAR, 1939-1945—CAMPAIGNS

The Uman' offensive of the Second Ukrainian Front M. Zakharov. Voen.-ist. zhur. 4 no 4:12-32 Ap '62

UKRAINE, WESTERN—FORESTS AND FORESTRY

Ways and methods of raising the productivity of forests in the western provinces of the Ukrainian S.S.R. M. M. Horshenin Pyt. rozv. prod. syl L'viv. i Stan. ekon. adm. rai no 2 91-100 '61

UKRAINE, WESTERN—MANUFACTURES

Problems in developing the light industry of the western provinces of the Ukrainian S.S.R. P. V. Voloboi Pyt. rozv. prod. syl L'viv i Stan. ekon. adm. rai. no 2 129-136 '61

UKRAINE, WESTERN—PETROLEUM CHEMICALS

Prospects for developing petrochemical production in the western economic regions of the Ukrainian S.S.R. A. I. Ravdel'. Pyt. rozv. prod. syl L'viv. i Stan. ekon. adm. rai. no. 2 72-80 '61.

UKRAINE, WESTERN—POTASSIUM SALTS

Potassium and rock salts of the western provinces of the Ukrainian S.S.R. and the principal ways to use them. V. P. Ohonovs'kyi, M. F. Baranova's'kyi. Pyt. rozv. prod. syl L'viv i Stan. ekon. adm. rai. no. 2 85-89 '61

UKRAINE, WESTERN—POWER RESOURCES

Future development of the fuel and power resources in the western economic regions of the Ukrainian S.S.R. I. M. Shapiro. Pyt. rozv. prod. syl L'viv. i Stan. ekon. adm. rai. no 2 24-32 '61.

UKRAINE, WESTERN—ROCK SALT

Potassium and rock salts of the western provinces of the Ukrainian S.S.R. and the principal ways to use them V. P. Ohonovs'kyi, M. F. Baranova's'kyi. Pyt. rozv. prod. syl L'viv. i Stan. ekon. adm. rai. no. 2 85-89 '61.

UKRAINE, WESTERN—SUGAR INDUSTRY

The sugar industry of the western economic regions of the Ukrainian S.S.R. and problems in developing it during the seven-year plan. M. M. Palamarchuk Pyt. rozv. prod. syl L'viv. i Stan. ekon. adm. rai no. 2 113-128 '61.

UKRAINE, WESTERN—TRANSPORTATION

Transportation and interregional relations of the western economic regions of the Ukrainian S.S.R. M. K. Rosdobud'ko Pyt. rozv. prod. syl L'viv. i Stan. ekon. adm. rai. no. 2:137-146 '61.

UKRAINIAN ART see Art, Ukrainian

UKRAINIAN DRAMA—HISTORY AND CRITICISM

Image of the Communist in Ukrainian drama. Iosyp Kyselov. Mystetstvo 8 no.3 5-8 My-Je '61.

UKRAINIAN INVENTORS see Inventors, Ukrainian

UKRAINIAN LANGUAGE—ADVERB

Working on adverbs in the fourth grade I. I. IAremenko. Ukr. mova v shkoli 12 no. 2 56-59 Mr-Ap '62.

UKRAINIAN LANGUAGE—CHRESTOMATHIES AND READERS (HISTORY)

[Literary chrestomathy on the history of the U.S.S.R.] Literaturna khrestomatiia z istorii SRSR. Uporiadkuvaly V. P. Myrnyi i M. M. Dribnyi. Kyiv, Radians'ka shkola. Vol. 1. [From earliest times to the end of the 17th century] Z naidavnishykh chasiv do kintsia XVII st. 1960. (NNC)

UKRAINIAN LANGUAGE—COMPOSITION AND EXERCISES

How to teach the eight-year school students to write compositions. O. T. Voinova Ukr. mova v shkoli 12 no. 2 33-39 Mr-Ap '62.

UKRAINIAN LANGUAGE—ETYMOLOGY

Bevzenko, S. P. [Historical morphology of the Ukrainian language; studies on word change and word formation] Istorychna morfolohiia ukrains'koi movy; narysy iz slovozminy ta slovotvoru. Uzhhorod, Zakarpats'ke obl. vyd-vo, 1960. 415 p. (MH)

UKRAINIAN LANGUAGE—FOREIGN WORDS AND PHRASES

Paronyms in the Ukrainian language. D. Kh. Barannyk. Ukr mova v shkoli 12 no. 2:16-20 Mr-Ap '62.

UKRAINIAN LANGUAGE—GENDER

Study of the gender of nouns by deaf students in the fifth grade. I. A. Fan. Ukr. mova v shkoli 12 no 2:67-71 Mr-Ap '62.

UKRAINIAN LANGUAGE—GRAMMAR

Interesting grammar for extracurricular work A. IU. Hurevych, A. D. Strikha Ukr. mova v shkoli 12 no. 2 59-66 Mr-Ap '62

UKRAINIAN LANGUAGE—PARTICIPLE

Observations of the syntactic synonymy of participial constructions N. I. Bovtruk Ukr. mova v shkoli 12 no 2 11-16 Mr-Ap '62

UKRAINIAN LANGUAGE—PREPOSITIONS

"Preposition" by A. S. Kolodiazhnyi. Reviewed by M. U. Karanets'ka Ukr. mova v shkoli 12 no 2 87-88 Mr-Ap '62

UKRAINIAN LANGUAGE—PUNCTUATION

Classes of reinforcing the knowledge of punctuation in direct speech F. Kukhars'kyi Ukr. mova v shkoli 12 no 2 46-48 Mr-Ap '62

UKRAINIAN LANGUAGE—STUDY AND TEACHING

Akademiia nauk URSR, Kiev, Instytut movoznavstva. [Course on the history of the Ukrainian literary language] Kurs istorii ukrains'koi literaturnoi movy. Za red. I. K. Bilodid Kyiv, Vyd-vo Akad. URSR. Vol. 2. [Soviet period] Radians'kyi period. 1961. 415 p.

Editor's mail. Ukr. mova v shkoli 12 no 2 83-86 Mr-Ap '62.

Inculcating the interest for language study in students V. V. Zaiko, O. L. Balen Ukr. mova v shkoli 12 no 2 21-27 Mr-Ap '62.

Organizing independent work of fifth-graders in language classes. V. O. Loevs'ka Ukr. mova v shkoli 12 no 2 40-46 Mr-Ap '62

Practice confirms the expediency of the lecture and practice method of teaching V. G. Boguslavs'kyi Rad. shk. 49 no 4,66-61 Ap '62.

System of introducing independent work. I. I. Sobolev. Ukr. mova v shkoli 12 no. 2 27-33 Mr-Ap '62

What to do in the future. G. I. Kuprienko Ukr. mova v shkoli 12 no 2 77-82 Mr-Ap '62

UKRAINIAN LANGUAGE—STYLE

"The figure of speech in literary works" by Mykhailyna Kotsiubyns'ka. Reviewed by R. Karabanov. Vop. lit. 5 no 12:207-210 D '61

"Ukrainian language" by A. P. Koval' Reviewed by V. IA. Nedilko Ukr. mova v shkoli 12 no 2 88-90 Mr-Ap '62.

UKRAINIAN LANGUAGE—SYNTAX

Review of complements and modifiers in the eight grade of the schools for working youth V. I. Kulykivs'kyi Ukr. mova v shkoli 12 no 2 48-55 Mr-Ap '62

UKRAINIAN LANGUAGE—WORDS

Khudash, M. L. [Vocabulary of Ukrainian official documents at the end of the 16th and beginning of the 17th century; from materials of the Lvov Greek Orthodox Fraternity] Leksyka ukrains'kykh dilovykh dokumentiv kintsia XVI-pochatku XVII st., na materialakh L'vivs'koho Slavianogirs'koho bratstva. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 161 p.

UKRAINIAN LITERATURE

Pushkin's word in Ukrainian literature G. P. Izhakevych. Ukr. mova v shkoli 12 no 2-3-10 Mr-Ap '62

UKRAINIAN LITERATURE—BIBLIOGRAPHY see Bibliography—Ukrainian literature

UKRAINIAN LITERATURE—HISTORY AND CRITICISM

"Literature and revolution" by Oleksandr Dlachenko. Reviewed by Arkadii Novominskii. Sov. Ukr. 12 no. 5: 179-182 My '62

UKRAINIAN LITERATURE—PERIODICALS

No 5 of "Radians'ke literaturoznavstvo" for 1961 Vop. lit. 5 no 12;228 D '61

UKRAINIAN LITERATURE—STUDY AND TEACHING

Independent work of students in the school for working youth on V. Stefanyk's work "Arsenii" I. O. Golubenko. Ukr. mova. v shkoli 12 no 2:72-76 Mr-Ap '62

UKRAINIAN NEWSPAPERS

(see also subdivision under Dnepropetrovsk)

Branches of a tree. Sov. pech no. 4,4-9 Ap '62.

In step with life. Sov. pech. no. 3:12 Mr '62.

Leninist traditions of "Pravda" and the newspapers of the Soviet Ukraine. L. Sutarko. Komm. Ukr. 37 no. 4,61-68 Ap '62.

Pages which never grow old; sketches on newspaper workers. IUkhim Martich. Sov. Ukr. 12 no. 5:122-140 My '62.

UKRAINIAN PAINTERS see Painters, Ukrainian

UKRAINIAN PAINTING see Painting, Ukrainian

UKRAINIAN PROVERBS see Proverbs, Ukrainian

UKRAINKA, LESIA, 1871-1913

Bolko, M. F. [Word index for the dramatic works of Lesia Ukrainka] Slovopokazhchyk dramatychnykh tvoriv Lesi Ukrainky. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 92 p.

ULCERS

Pathogenesis of trophic ulcers in partial injury of the nerve and methods for their prevention. P. A. Pen'kov. Nov. khir. arkh. no. 3:70-72 '62.

Surgical treatment of ulcers caused by X-rays. V. I. Petrov Vest. khir. no 4,100-102 '62.

Treatment of wounds and ulcers with delayed healing by intra-arterial transfusions of leucocytes P. N. Der-benev Nov. khir. arkh. no 3 8-13 '62

UL'IANOV, IL'IA NIKOLAEVICH, 1831-1886

School inspectors chosen by Ul'ianov A. Kondakov. Nar. obr. no 4 91-93 Ap '62

UL'IANOV, MIKHAIL

In step with the times M. Kvasnetskaia. Isk. kino no. 3 79-82 Mr '62.

UL'IANOVA, MARIIA IL'INICHNA, 1878-1937

"Pravda" moved to Moscow. S. Kryleva. Sov. pech. no. 2-30-32 F '62.

ULTRASONIC COAGULATION

Precipitation of zinc oxide aerosols in an acoustic field D. B. Dianov, L. G. Merkulov, V. I. Nikitenko Akust. zhur. 8 no 1 60-66 '62

ULTRASONIC METAL CUTTING

Machining of ferrites. K. D. Zakharov, D. M. Bal'zamov. Av. prom. 26 no 8:21-25 '57.

ULTRASONIC TESTING

Advantages of the application of ultrasonic waves in testing concrete for strength. A. K. Tret'iakov, A. M. Belo-nidov Energ. stroi. no. 25 51-54 '61.

Kudriavtsev, B. B. [Use of ultrasonic methods in the study of matter] Ul'traakusticheskie metody issledo-vaniia veshchestva. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 132 p.

Ultrasonic method of investigating conditions for the formation of hot cracks during welding V. M. Zabo-lotskii Svar. proizv. no 4-32-33 Ap '62

Ultrasonic method used for determining small amounts of water in methanol E. V. Khomskii and others Zav. lab. 28 no 3:312-313 '62

ULTRASONIC WAVES

Absorption of ultrasonic waves in viscous liquids at high frequencies A. A. Berdyev, M. G. Vasil'eva Izv. AN Turk. SSR, Ser. fiz.-tekh., khim. i geol. nauk no 2 3-12 '62

Changes in the diffusion coefficient of a heterogeneous system induced by ultrasound M. F. Arkhangel'skii. Akust. zhur. 8 no 1 40-55 '62.

Characteristics of the propagation and reflection of ultrasonic rays in crystals. L. G. Merkulov, L. A. IAkov-lev Akust. zhur. 8 no. 1 99-106 '62.

Effect of ultrasound on the domain structure of liquid crystals. A. P. Kapustin, L. M. Dmitriev. Kristallogra-fiia 7 no. 2:332-334 Mr-Ap '62.

Focusing ultrasonic concentrator made of solid materials M. G. Sirotiuk Akust. zhur. 8 no 1 124-128 '62.

Investigating the dispersing of solids under the action of ultrasonic waves. P. D. Dlachenko, V. G. Averianova. Tren. i izn. mash. no. 15,85-96 '62.

Possibility for the intensification of ultrasound in semi-metals in an electric field. R. F. Kazarinov, V. G. Sko-bov Zhur. eksp. i teor. fiz. 42 no 3,910-913 Mr '62.

Resonance appliance of solid material for ultrasonic focusing. M. A. Isakovich Akust. zhur. 8 no. 1:132-133 '62

ULTRASONIC WAVES—INDUSTRIAL APPLICATIONS

Acoustical drying in a standing wave. IU. IA. Borisov, N. M. Gynkina. Akust. zhur. 8 no. 1 129-131 '62.

Crystallization of aluminum-copper alloys under the effect of ultrasonic waves G. I. Eskin, I. N. Fridlander. Metalloved. i term. obr. met. no. 4 32-36 Ap '62.

Effect of elastic ultrasonic waves on reducing the speed of scale formation. A. L. Zhevnovatyi, V. N. Volkov, I. Z. Pevzner. TSvet. met. 35 no. 3,48-53 Mr '62

Some aspects of the technique of ultrasonic cleaning, review. E. A. Nepaivas. Akust. zhur. 8 no. 1,7-25 '62.

Use of the ultrasonic method for determining the dynamic elastic parameters of rocks in the field V. I. Emelin, K. S. Chuprov. Izv. AN SSSR, Ser. geofiz. no 4 472-477 Ap '62.

ULTRASONIC WAVES—MEASUREMENT

Remarks on the interferometric method of ultrasound absorption measurement. V. V. Voitovis, V. E. IAkovlev. Akust. zhur. 8 no. 1:131-132 '62.

Transients in acoustic fields generated by vibrations of a spherical segment. O. G. Kozina, G. I. Makarov, N. N. Shaposhnikov. Akust. zhur. 8 no. 1:72-78 '62.

Transients in the acoustic fields of piston membranes of certain particular shapes. O. G. Kozina, G. I. Makarov Akust. zhur. 8 no. 1:67-71 '62

ULTRASONIC WAVES—PHYSIOLOGICAL EFFECT

Action of ultrasonic waves on microorganisms during the sterilization of blood preparations. V. M. Malkina. TSitologiia 4 no. 1:61-63 Ja-F '62

ULTRASONIC WAVES—SPEED

Determining the size of the elementary crystallization nucleus by means of acoustic measurements. N. F. Otpushchennikov. Kristallografiia 7 no.2 305-308 Mr Ap '62.

Temperature dependence of ultrasonic speed in lead telluride monocrystals in the range from 80° to 640°K. A. A. Chudinov. Fiz. tver. tela 4 no. 3,755-758 '62.

ULTRASONIC WELDING

Silin, L. L., G. F. Balandin, and M. G. Kogan. [Ultrasonic welding, joining metals in the solid state and improving the quality of weld joints] Ul'trazvukovaia svarka, soedinenie metallov v tverdom sostoianii i uluchshenie kachestva svarnykh shvov. Pod red. N. N. Rykalina. Moskva, Mashgiz, 1962. 251 p.

ULTRASONICS

"Story about inaudible sound" by L. A. Rozenberg. Book review. Priroda 51 no.4:47 Ap '62.

ULTRAVIOLET RAYS

Easy method for ultraviolet microradiation of organella in live cells. A. P. Dubrov. TSitologiia 4 no. 1 88-90 Ja-F '62.

Exciton reflection spectrum of copper oxide crystals in the ultraviolet region. E. F. Gross, Chzhan Guan-in' [Chang Kuang-yin]. Dokl. AN SSSR 143 no. 6,1321-1324 Ap '62.

ULTRAVIOLET RAYS—PHYSIOLOGICAL EFFECT

Some results of studying the effect of small doses of ultraviolet rays on the protective-adaptive functions of the body. M. L. Koshkin. Gig. i san. 27 no.3:70-76 Mr '62.

ULU-TAU—CONGLOMERATE

Origin of tillitelike conglomerates in the southern Ulu-Tau(central Kazakhstan). A. L. Knipper. Izv. AN SSSR. Ser. geol. 27 no. 4,66-75 Ap '62.

ULU-TAU—GEOLOGY, STRATIGRAPHIC

Pre-Cambrian formations of the northern Ulu-Tau massif. I. F. Trusova, L. I. Filatova. Izv. vys. ucheb. zav., geol. i razv. 5 no. 3:10-31 Mr '62.

ULUNTUY VALLEY—WATER, UNDERGROUND

Features of the hydrogeological conditions of the basin of the Uluntuy sink. O. A. Zhavoronkova. Izv. vys. ucheb. zav., geol. i razv. 5 no. 3:90-99 Mr '62.

UL'YANOVSK PROVINCE—INSURANCE, SOCIAL

Attention to complaints. IU. Leonov. Sots. obesp. 23 no. 5 5 My '62.

Council of a province department. Sots. obesp. 23 no. 4: 13 Ap '62.

UL'YANOVSK PROVINCE—PROSTHESIS

Mobile workshop needs a "tug." V. IUshkevich. Sots. obesp. 23 no. 4:48 Ap '62.

UL'YANOVSK PROVINCE—SCHOOL SUPERINTENDENTS AND PRINCIPALS

School inspectors chosen by Ul'ianov. A. Kondakov. Nar. obr. no. 4 91-93 Ap '62.

UMBILICUS

Rare case of septuple coiling of the umbilical cord around the neck of the fetus. E. M. Shitova. Sbor. nauch. rab. Kaf. akush. i gin. GMI no. 1:90-91 '60.

Significance of coiling of the umbilical cord. O. P. Rekshinskaia. Sbor. nauch. rab. Kaf. akush. i gin. GMI no. 1 85-89 '60.

UNCONSCIOUSNESS see Loss of consciousness

UNDERDEVELOPED AREAS

Ge, V. N. [New page of history; toward a national

UNITED ARAB REPUBLIC—ECONOMIC CONDITIONS

Vatolina, L. N. [Economy of the United Arab Republic] Ekonomika Ob"edinennoi Arabskoi Respubliki. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1962. 77 p.

UNITED NATIONS—ARMED FORCES

"The Armed Forces of the United Nations" in the Congo. Mezhdunar. zhizn' 9 no. 5:149-150 My '62.

A memorandum of the Soviet Government on financing the operations of the Special Armed Forces of the United Nations in the Middle East and the Congo. Mezhdunar. zhizn' 9 no. 5 156-158 My '62.

UNITED NATIONS—PRIVILEGES AND IMMUNITIES

Bogdanov, O. V. [Legal problems arising from the fact that the United Nations is in the U. S. A., privileges and immunities of the United Nations] Pravovye voprosy prebyvaniia OON v SShA; privilegii i immunitety OON. Moskva, Izd-vo in-ta mezhdunarodnykh otnoshenii, 1962. 101 p.

UNITED STATES—ACCOUNTING

The American bookkeeper and his responsibilities. A. Mukhin. Bukhg. uchet 19 no. 3:60-65 Mr '62.

UNITED STATES—AGED—MEDICAL CARE

Problem of ensuring free medical aid to the aged in U. S. A. V. IA. Bereznev. Zdrav. Ros. Feder. 6 no. 3: 37-40 Mr '62.

UNITED STATES—AIRPLANE INDUSTRY

Dispatcher control of repair operations in a large factory (from "Plant Engineering," no. 3 1961). IA. E. Vol'fkovich. Prom. energ. 17 no. 4:42-43 Ap '62.

UNITED STATES—ARMENIANS

History of the Armenian community in America [in Armenian with summary in Russian]. N. L. Mankoony. Ist.-filol. zhur. no. 1 94-105 '62.

UNITED STATES—ARMY—ORGANIZATION

New organization of the combined-arms units of the United States Army (as revealed by foreign press data). I. Golokolenko. Voen. vest. 41 no. 4 116-120 Ap '62.

UNITED STATES—ATOMIC BOMB

"Machine of the Last Judgement Day." V. Berezin. IUn. tekh. 6 no. 3 16-17 Mr '62.

UNITED STATES—ATOMIC SHIPS—COST OF OPERATION

Investigations in the United States on the economic efficiency of nuclear-powered sea transportation vessels [from "United States Atomic Energy Commission," 1959, "Atomic Industrial Forum," 1960, "Nucleonics," no. 8, 1961]. A. K. Mitsevich. Sudostroenie 28 no. 4 67-71 Ap '62.

UNITED STATES—ATOMIC WARFARE—PHYSIOLOGICAL ASPECTS

Little Americans, victims of atomic psychosis. IUn. tekh. 6 no. 3 37 Mr '62.

UNITED STATES—AUTOMATION—ECONOMIC ASPECTS

Automation creates unemployment. R. Kedrov, E. Tverianovich. IUn. tekh. 6 no. 3 42-45 Mr '62.

UNITED STATES—BLAST FURNACES

Blast furnace with gas gauge pressure in the furnace throat of 2.8 [from "Iron and Coal Trades Review," no. 47772, 1960, "Iron and Steel Engineer," no. 11, 1959]. N. K. Leonidov. Biul. TSNIICHM no. 10:47-51 '60.

UNITED STATES—BUS CONDUCTORS (ELECTRICITY)

Bus conductors for electric distribution networks in shops (from "Plant Engineering," no. 4:43-45 1961). IA. E. Vol'fkovich. Prom. energ. 17 no. 4:43-45 Ap '62.

TALISM

gressive decay of the American rulushchee zagnivanie amerikan- oskva, Izd-vo "Znanie," 1962. nauke, tekhnike. III Serila:

AXLES—LUBRICATION

axle equipment lubricants by the , Maevskii. Zhel. dor. transp. 44

WAR

states and the Russian revolution- evitas. Prep. ist. v shkole 17

ation" by G. P. Kuropiatnik. Re- . Prep. ist. v shkole 17 no. 3:

INES (AGRICULTURAL MA-

grain combine. M. K. Kopylov. 32 no. 4:48-p. 3 of cover Ap '62.

UNIST PARTY

rogressive forces of the U. S. A. ar. zhizn' 9 no. 5:81-88 My

"Dare we be free?" by Herbert Aptheker. Reviewed by A. Bel'skaia. Novyi mir 38 no. 3:270 Mr '62.

UNITED STATES—COURTS

Beyond the marble façade. V. Kolesnikov. Sov. iust. no. 6:26-27 Mr '62.

UNITED STATES—DENTISTRY

Stomatological service in the United States. A. M. Zdrav. Ros. Feder. 6 no. 4:34-36 Ap '62.

UNITED STATES—DIPLOMATIC AND CONSULAR SERVICE

Chester Bowles stokes on a queen; from the pages of the foreign press. Nov. vrem. 20 no. 19,21 My '62.

UNITED STATES—ECONOMIC CONDITIONS

We are for competition! Kul't. i zhizn' 6 no. 5 '62.

We shall carry out our plans. P. Gorbunov. Ag. 4 no. 6 28-29 Mr '62.

UNITED STATES—ELECTRIC FURNACES

Large vacuum induction furnace [from "Iron Age," no. 16, 1959]. Biul. TSNIICHM no. 10 '60.

Use of natural gas in steel smelting arc furnaces [from "Iron Age," no. 22, 1959]. B. S. Borskii. Biul. TSNIICHM no. 10:55-56 '60.

UNITED STATES—ELECTRIC POWER PLANTS

Technical characteristics of U. S. A. block-type [illegible] system with individual unit capacity ranging fr[illegible] 1,000 Mw, to be put into operation during [illegible] from 1960 to 1966. A. P. Saltkov. Teploenergetika 8 no. 5:79-84 My '62.

UNITED STATES—ELECTRIC POWER PLANTS—EQUIPMENT AND SUPPLIES

Monitoring and results computers installed in the Pearson Electric Power Plant (from "Control n[illegible]," [illegible] 1961). Teploenergetika 9 no. 5:81-87 My '62.

UNITED STATES—ELECTRONIC INDUSTRIES

In'kov, IU. I. [Radioelectronics in the service of the military monopolies of the U. S. A.] Radioelektronika na sluzhbe voennykh monopolii SShA. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1962. 124 p.

UNITED STATES—FACTORIES—COMMUNICATIONS SYSTEMS

Portable radio systems for two-way radio [illegible] in a factory (from "Plant Engineering," [illegible] IA. E. Vol'fkovich. Prom. energ. 17 no. 4:45 Ap '62.

UNITED STATES—FOOD INDUSTRY

Structural movements in the development of the food industry in the U. S. A. during the postwar years. I. V. Kistanov. Och. po sovr. sov. i zarub. ist. [illegible] 303 '61.

UNITED STATES—FOREIGN ECONOMIC RELATIONS

Special features of the present-day colonial policy of the U. S. A. E. Bogush. Mezhdunar. zhizn' 9 no. 5:13-24 My '62.

UNITED STATES—FOREIGN ECONOMIC RELATIONS—FRANCE

French-American economic contradictions after the Second World War. S. M. Zagladina. Ocherki sovr. i zarub. ekon. no. 2:331-360 '61.

UNITED STATES—FOREIGN ECONOMIC RELATIONS—LATIN AMERICA

"Economic distress and political instability." I. Mikoian. Mezhdunar. zhizn' 9 no. 5:113-123 My '62.

UNITED STATES—FOREIGN RELATIONS

Special features of the present-day colonial policy of the U. S. A. E. Bogush. Mezhdunar. zhizn' 9 no. 5 13-24 My '62.

UNITED STATES—FOREIGN RELATIONS—CONGO, REPUBLIC OF THE

Shadow of the dollar over the Congo. B. Shabaev. Mezhdunar. zhizn' 9 no. 5:105-106 My '62.

UNITED STATES—FOREIGN RELATIONS—NEW GUINEA, DUTCH

The United States and Western Irian. I. Skorobogatov. Az. i Afr. segodnia no. 4:54-55 Ap '62.

UNITED STATES—GAS, NATURAL—STORAGE

Making an abandoned mine over into a gas storage [illegible] Strol. truboprov. 8 no. 11:20 N '61.

UNITED STATES—GAS-TURBINE LOCOMOTIVES

Experience in the operation of gas-turbine locomotives. E. A. Sen-Zhelen. Vest. TSNII MPS 21 no. 2 21 '62.

UNITED STATES—GRAIN—TRANSPORTATION

Loading and unloading of grain transporting motor-ships in the U. S. A. G. Bardyshev. Muk.-elev. prom. 28 no. 3:28-30 Mr '62.

UNITED STATES—GRAIN ELEVATORS

Loading and unloading of grain transporting motorships in the U. S. A. G. Bardyshev. Muk.-elev. prom. 28 no. 3:28-30 Mr '62.

UNITED STATES—HISTORY

How American workers struggled for social security legislation, 1934-1935 [with summary in English, p. 181] N.V.Sivachev. Nov.i noveish.ist. no 2:29-42 '62.

[Akovlev, N.N. [Recent history of the U.S.A., 1917-1960] Noveishaia istoriia SShA, 1917-1960. Moskva, Izd-vo sotsial'no-ekon.lit-ry, 1961. 624 p.

UNITED STATES—HOURS OF LABOR

How American industrial workers struggled for the eight-hour day in the 1880's [with summary in English p. 182] S.M Askol'dova. Nov.i noveish.ist no. 2 91-105 '62.

UNITED STATES—INCOME

Some methodological problems in studying the national income of the U.S.A. L.P.Dolotenkova. Och.po sovr. sov.i zarub.ekon. no.2 247-251 '61

UNITED STATES—INDUSTRIES

Correlation of the production of the means of production and consumers goods in the U.S.A. L.I.Nikonova. Och.po sovr.sov.i zarub.ekon. no.2 252-262 '61.

UNITED STATES—INFRARED RAYS—INDUSTRIAL APPLICATIONS

Infrared radiator (from "Wood and Wood Products," 66 no 5, 1961) Der.prom 11 no 4 31 Ap '62

UNITED STATES—INSURANCE, SOCIAL

How American workers struggled for social security legislation, 1933-1935 [with summary in English, p. 181]. N.V.Sivachev. Nov.i noveish.ist. no 2:29-42 '62.

UNITED STATES—IRON AND STEEL PLANTS

Capacity of United States ferrous metallurgy in cast iron and steel manufacture during 1957-1960 (at the start of the year) Biul TSIICHM no 10:60 '60

Data on metallurgical plants in the United States with an annual capacity of more than 1,5 million tons of steel (at the beginning of 1959) [from "Iron Age," no. 6, 1959]. Biul. TSIICHM no. 9 62 '60

UNITED STATES—LABOR AND LABORING CLASSES

"Labor fact book," no. 15 [in English]. Reviewed by A.Khannov. Kommunist 39 no. 8,123-125 My '62.

UNITED STATES—LIQUEFIED PETROLEUM GAS

Brief news from abroad. Khim.i tekh.topl.i masel 7 no.4:72 Ap '62.

UNITED STATES—METALLURGICAL PLANTS—EQUIPMENT AND SUPPLIES

Semiautomatic system for the preparation and transportation of ferroalloy batch mixtures [from "Iron and Steel Engineer," no. 7, 1959]. G.S IUrevich. Biul TSIICHM no. 10:51-52 '60.

UNITED STATES—MILITARY POLICY

Aggressive blocks and the eclipse of imperialism. L. Vidiasova. Mezhdunar.zhizn' 9 no 5:28-34 My '62.

UNITED STATES—MOTION-PICTURE INDUSTRY

Hollywood through the eyes of an American. E. Kartseva. Isk.kino no 3.155-157 Mr '62.

UNITED STATES—MOTION-PICTURE PLAYS

Dramaturgy is the main thing. Billy Wilder. Isk.kino no.4:134-135 Ap '62.

A visit to Hollywood. John Mortimer. Isk.kino no.4: 136-137 Ap '62.

UNITED STATES—MOTION PICTURES—PLOTS, THEMES, ETC.

Hollywood novelties. I.And. Nov.vrem. 20 no.23:20-21 Je '62.

UNITED STATES—NEGROES

A new stage in the liberation struggle of Negroes in the United States [with summary in English]. V.P. Murat. Sov.etn. no. 2.51-58 Mr-Ap '62.

UNITED STATES—OPEN-HEARTH FURNACES

Open-hearth furnace production in the United States I.N. Lur'e. Biul. TSIICHM no. 9 7-16 '60.

UNITED STATES—PASSPORTS

With a SI-2 visa. K.Nepomnishchii. Oktiabr' 30 no.3: 153-157 Mr '62.

UNITED STATES—PHYSICAL EDUCATION AND TRAINING

Dissertations on physical education in the United States; abstracts. V.M. Zatsiorskii Teor.i prak. fiz. kul't. 25 no. 3:57-59 Mr '62.

UNITED STATES—PIPE, STEEL

Manufacture of thin-walled flattened pipes [from foreign journals]. V.N.Shchirin. Biul. TSIICHM no. 10.56 '60.

UNITED STATES—POLITICS AND GOVERNMENT

Instead of rights there are qualifications. G. Malamud. Starsh.-serzh. no 3:10-11 Mr '62

True people's democracy K. Zainullin. Part. zhizn' [Uzb.] 5 no 2:24-29 F '62.

UNITED STATES—RELATIONS (GENERAL) WITH RUSSIA

Documents of our era: Lenin and the American labor movement. I. Andronov. Nov. vrem. 20 no. 19:6-8 My '62.

In a united front. A.Shakhov. Kul't.i zhizn' 6 no. 2:19 '62.

UNITED STATES—RELATIONS (MILITARY) WITH SOUTH-EASTERN ASIA

"New methods" and the new adventures of American imperialism. E.Kasenova. Kommunist 38 no. 8: 118-122 My '62

UNITED STATES—SCIENTISTS

Acquaintance of North American scientists of the colonial period with M.V. Lomonosov's works and the St. Petersburg Academy of Sciences. G.M Lester Vop ist est i tekh. no 12 112-117 '62

UNITED STATES—SHIPBUILDING

American-built ships [from foreign journals]. Sudostroenie 28 no. 4 73-75 Ap '62.

UNITED STATES—SOCIAL CONDITIONS

America through the eyes of an Indian. Az.i Afr.segodn. no.4:50-51 Ap '62.

Bukov, B.S. [America has remained "one-storied", notes of a journalist] Amerika ostalas' odnoetazhnoi, zapiski zhurnalista. Moskva, Izd-vo "Pravda," 1962 47 p (Biblioteka "Ogonek," no.10)

The "welfare state", legend and real facts. L.Nazarenko. Mezhdunar.zhizn' 9 no. 5 55-63 My '62

UNITED STATES—STEEL—STATISTICS

Data on United States metallurgical plants with an annual capacity greater than 1 5 million tons of steel (for the start of 1960) Biul TSIICHM no. 10 61 '60.

UNITED STATES—SUBVERSIVE ACTIVITIES

"Dare we be free?" by Herbert Aptheker Reviewed by A Bel'skaia Novyi mir 38 no 1:276-278 Ja '62

UNITED STATES—SWINE HOUSES AND EQUIPMENT

An experimental swine house. B.Runov. Tekh.v sel'khoz. 22 no.4:91-93 Ap '62.

UNITED STATES—TELEMETERING

Transmission of gas meter readings using telephone lines (from "Control Engineering," no 11 1960) IA E. Vol'fkovich. Prom.energ. 17 no.4:43 Ap '62

UNITED STATES—THEATER

Business in art. Mykhailo Kyryllov. Mystetstvo 9 no.1 21-22 Ja-F '62.

UNITED STATES—WAR—ECONOMIC ASPECTS

Budget for communist construction M Koptev Starsh.-serzh no. 2:10-11 F '62.

UNITED STATES—WIRE-TAPPING

Espionage on the verge of the fantastic. IUn tekh 6 no 3 75 Mr '62

UNITS

International system of units. TSvet.met 35 no. 3:88-91 Mr '62.

International unit system. N.V. Kalashnikov, L.R. Stotskii. Khleb i kond prom 6 no.4:44-48 Ap '62.

International unit system. N.V Kalashnikov, L.R. Stotskii. Priborostroenie no.4:20-30 Ap '62

UNITS—STANDARDS

International system of units. N.V. Kalashnikov, L.R. Stotskii Kons i ov.prom. 17 no.4:44-48 Ap '62.

UNIVERSAL JOINTS (MECHANICS)

Caprone bushings in universal joints. V.TSekov, E E.Shilin. Tekh.v sel'khoz. 22 no.4:68-69 Ap '62.

UNIVERSE see Cosmology

UNIVERSITIES AND COLLEGES see subdivision under Tallinn; Ukraine

UNIVERSITIES AND COLLEGES—ENTRANCE REQUIREMENTS

Let's conduct the new admission to institutions of higher learning in an organized way. Vest.vys.shkoly 20 no.4:3-5 Ap '62

UNIVERSITIES AND COLLEGES—GRADUATE WORK (see also subdivision under Rostov-on-Don)

There is a need for fundamental changes. N.N. Nazarov. Vest.vys.shkoly 20 no. 4:42-46 Ap '62

Ways to "rejuvenate" graduate students. M.G. Khitarian. Vest vys.shkoly 20 no. 4.50-52 Ap '62.

UNRUH, FRITZ VON, 1885-

Fate of Fritz von Unruh. Nov.vrem. 20 no.23:24 Je '62.

UNSATURATED COMPOUNDS

Chemistry of unsaturated ethers. Part 10: Addition reactions of 1-alkoxy-1,3-dienes. S.M. Makin and others. Zhur.ob.khim. 32 no.4 1111-1116 Ap '62

Chemistry of unsaturated ethers. Part 11 Synthesis of polyene ethers based on 1-alkoxy-1,3-dienes. S.M. Makin, V.D Nazarova. Zhur.ob.khim. 32 no.4:1117-1119 Ap '62

Dialkylboron- and dialkylaluminumvinylacetylenes. A.A. Petrov, V.S Zavgorodnii, V.A. Kormer. Zhur.ob.khim. 32 no 4.1349-1350 Ap '62.

Syntheses based on ω-chloroalkanoic acids. Part 1: Preparation of unsaturated acids with a terminal double bond by the pyrolysis of ω-acetoxyalkanoic acids and their ethyl esters. V.G. Avramenko and others. Zhur. ob.khim. 32 no.4.1119-1123 Ap '62.

UPOROVO REGION—IRON ORES

Find of iron ore in the Uporovo area of Tyumen' Province P.M. Kabakova Trudy SNIIGGIMS no 1:175-176 '59.

UPPER VOLTA—COMMERCE

Republic of Upper Volta. L.Avdiunina. Vneshtorg. 42 no.4:23-25 '62.

UPPER VOLTA—ECONOMIC CONDITIONS

Republic of Upper Volta. L.Avdiunina. Vneshtorg. 42 no 4.23-25 '62

UR—IRRIGATION CANALS AND FLUMES

Two cuneiform documents concerning the laying out of an irrigation canal [with summary in English] A.A Vaiman. Trudy Gos.Erm. 5 24-30 '61.

URACIL

Change in the conditioned reflex activity of dogs during prolonged cholesterol and methylthiouracil feeding [with summary in English] N.Kudriavtseva, T. Lovlagina, T.Sinitsina. Biul.eksp.biol.i med. 53 no.1,46-49 Ap '62

URAL MOUNTAIN REGION—AGRICULTURE

A participant at the Plenum of the Central Committee visits us Starsh.-serzh no 4:33 Ap '62

URAL MOUNTAIN REGION—AUTHORS

Encounters in the Ural Mountain region. G. Kolesnikova. Oktiabr' 39 no.4:200-205 Ap '62

URAL MOUNTAIN REGION—CARBONATES

Method of studying carbonate manganese ores L.E. Shterenberg, S.I Berkhin, V.G Muravelskaia. Geol rud mestorozh no.2:102-108 Mr-Ap '62

URAL MOUNTAIN REGION—ELECTRIC POWER PLANTS—DESIGN AND CONSTRUCTION

From practices in the assembly of the head specimen of the PVK-200-1 turbine unit at the Southern Ural State Regional Electric Power Plant S.I Gel'tser. Energ.stroi. no.25 18-25 '61.

URAL MOUNTAIN REGION—FAULTS (GEOLOGY)

Evidence of metamorphism with relation to the deep fault in the Polar Urals [U.E. Moldavantsev, A.S. Perfil'ev. Izv AN SSSR Ser.geol. 27 no 4,50-55 Ap '62.

URAL MOUNTAIN REGION—FOREST MANAGEMENT

Typological classification of cutovers in the dark-coniferous taiga of the Central Urals. R.S. Zubareva. Izv.vys. ucheb.zav., les.zhur. 4 no.6:12-16 '61.

URAL MOUNTAIN REGION—GEOLOGY, STRUCTURAL

Tectonics of the Yuryuzan'-Sylva Depression. F.I. Khat'yanov, Z.S. Ivanova, B.G Vul'fovich Geol.nefti i gaza 6 no.4:36-39 Ap '62.

URAL MOUNTAIN REGION—MANGANESE ORES

Method of studying carbonate manganese ores L.E. Shterenberg, S.I Berkhin, V.G Muravelskaia. Geol rud mestorozh no 2:102-108 Mr-Ap '62.

URAL MOUNTAIN REGION—PARASITES—BIRDS

Fediushin, A.V. [Helminths and helminthiases of gallinaceans in Western Siberia and the Southern Urals] Gel'minty i gel'mintozy promyslovykh kurinykh ptits Zapadnoi Sibiri i IUzhnogo Urala. Omsk, 1959. 175 p. (Omsk. Sel'skokhoziaistvennyi institut. Trudy, vol.28)

URAL MOUNTAIN REGION—POTASSIUM

Potassium potential of Kungurian halolitic deposits of the northern Caspian Lowland and the southern Cis-Ural region. S.M. Kornenvskii. Trudy VSEGEI 57:147-157 '61.

URAL MOUNTAIN REGION—RAILROADS—TIES, CONCRETE

Reinforced concrete ties in the Ural Mountain region. S.V. Kirov. Put' i put.khoz. 6

URAL MOUNTAIN REGION—ROCKS, IGNEOUS

Using the magnetic prospecting method in calculating a volcanic layer in the Polar Urals. V.V.Gerasik, V.G. Potapov. Geofiz.razved. no.6:59-72 '61.

URAL MOUNTAIN REGION—STEAM TURBINES—DESIGN AND CONSTRUCTION

Release of a 100,000 kw capacity turbine for district heating plants. D.P. Buzin. Energomashinostroenie 8 no.4:30 Ap '62.

URAL MOUNTAIN REGION—TENT CATERPILLARS

Tent caterpillar Dendrolimus sibiricus Tshtv. (Lepidoptera, Lasiocampidae) and its parasites in the Central Cis-Ural region. G.A. Zinov'ev. Ent.oboz. 41 no 1: 50-53 '62

URAL MOUNTAIN REGION—WHEAT

Sowing time and grain quality of spring wheat N.P. Ivchenko. Zemledelie 24 no.4:31-33 Ap '62.

URAL MOUNTAINS—AMMONOIDEA

Eifelian ammonoids of the Urals and the classification of agoniatites. B.I Bogoslovskii Paleont.zhur. no. 4: 69-70 '61.

URAL MOUNTAINS—BAUXITE

Features of rock pressure manifestations in a topalcing system. B.A. Vol'khin. Gor.zhur. no.4:35-37 Ap '62.

URAL MOUNTAINS—BORON

Distribution of boron in minerals of some igneous and metamorphic rocks in the Central Urals based on the microspectroscopic analysis [with summary in English] A. E. Lisitsyn, V. G. Khitrov Geokhimiia no 3 259-268 '62

URAL MOUNTAINS—CAVE DRAWINGS

Cave painting in the Southern Urals A. V. Riumin Inform. sbor. Mezhd. kom. po izuch. geol. geogr. kar no 1 189-190 '60

URAL MOUNTAINS—CHALCOPYRITE

Ozernoye pyritic copper deposit in the Southern Urals I. P. Pastukhov Razved. i okh. nedr 28 no 4 13-15 Ap '62

URAL MOUNTAINS—CONIFERAE

Sowing conifers from the airplane on western slopes of the Central Urals A. A. Marusov Les. khoz. 15 no 4 47-48 Ap '62

URAL MOUNTAINS—CONULARIIDA, FOSSIL

Devonian and Permian Conularia of the Northern Urals N. V. Kalashnikov, Paleont. zhur. no 4 153-156 '61

URAL MOUNTAINS—GEOLOGY, STRATIGRAPHIC

Interpretation of magnetic fields over ultrabasic complexes, serpentinization and magnetic properties. A. G. Komarov and others. Dokl. AN SSSR 143 no. 5:1166-1169 Ap '62

URAL MOUNTAINS—IRON ORES

Some results of radio wave logging in Central Ural iron-ore deposits. A. A. Grachev, A. D. Petrovskii. Geofiz. razved. no. 6, 72-83 '61.

URAL MOUNTAINS—METAMORPHISM (GEOLOGY)

Evidence of metamorphism with relation to the deep fault in the Polar Urals. Iu. E. Moldavantsev, A. S. Perfiliev. Izv. AN SSSR. Ser. geol. 27 no 4:50-55 Ap '62.

URAL MOUNTAINS—NATURE STUDY—SOCIETIES, ETC.

D. I. Mendeleev and the Ural Society of Amateur Naturalists. I. I. Zhogin, V. P. Timofeev. Vop. ist. est. i tekh. no 12 176-178 '62

URAL MOUNTAINS—NONFERROUS METALS—METALLURGY

Complete utilization of copper-zinc ores from the Urals. V. M. Sobiev. TSvet. met. 35 no. 4 7-9 Ap '62.

URAL MOUNTAINS—PYRITES

Potentialities for improving the quality of concentrates and increasing metal recovery in dressing Ural Mountain pyritic ores. A. I. Golomzik, A. A. Golikov, G. I. Nagirniak TSvet. met. 35 no. 4 4-7 Ap '62.

URAL MOUNTAINS—SEDIMENTS (GEOLOGY)

Lithology and facies of Cretaceous and Paleogene sediments of the eastern slope of the Central Urals and minerals associated with them. L. A. Umova Trudy SNIIGGIMS no. 1:55-59 '59.

URANIUM

(see also subdivision under Kazakhstan)

Form of uranium occurrence in apatite. M. B. Serebriakova, E. G. Razumnaia. Dokl. AN SSSR 143 no. 6: 1438-1441 Ap '62.

URANIUM—ANALYSIS

Chromatographic separation of small amounts of uranium from soil using the EDE-10P anion exchange resin [with summary in English] V. D. Zagrai, V. A. Vlasov. Zhur. anal. khim. 17 no 2, 254-255 Mr-Ap '62

Gravimetric determination of uranium by its precipitation with hexammine cobaltinitrate [with summary in ...] ...gradov, R. M. Apirine Zhur. anal. ... '62.

...im] Metallurgiia ...skogo. Moskva, ...

...obalite and tridymite ...okl. AN SSSR 143 ...

...um fluorides" by ...l by Iu. A. Buslaev. ...62.

...nov. *Zakonom razm* ...

...um in four-com... ...rud geof. no. 2: ...

...m oxides A. F. ...kalovskii. Zhur. ... '62.

...bon of uranosic-... Kozlov. Zhur. prikl. ...

URANYL CARBONATE

Use of ion exchange to study the state of a substance in a solution. Part 8. Study of solutions of uranyl carbonates by ion exchange. V. I. Paramonova, N. M. Nikolaeva. Radiokhimiia 4 no 1:84-89 '62.

URANYL NITRATE

Salting-out action of the metal nitrates of the second group of the periodic table in the extraction of uranyl nitrate with diethyl ether. V. M. Vdovenko, T. V. Kovaleva, V. G. Potapov. Radiokhimiia 4 no 1:34-38 '62.

Structure of uranyl nitrate dihydrate. V. M. Vdovenko and others. Radiokhimiia 4 no. 1:59-60 '62.

Temperature dependence of distribution coefficients in the extraction of uranyl nitrate from aqueous solutions with diethyl ether. R. T. Golovatenko, O. IA. Samoilov. Radiokhimiia 4 no 1:25-34 '62

URDZHAR DISTRICT—SHEEP BREEDING

In a sheepbreeding district. N. Morozov. Part. zhizn' Kazakh. 31[i.e. 32] no. 4:34-39 Ap '62.

URDZHAR DISTRICT—STOCK AND STOCKBREEDING—ACCOUNTING

Eliminate losses and put the accounting for livestock products in order. K. N. Tlenbekov. Uchet i otch. v kolkhoz i sovkhoz 19 no 1:45-46 Ap '62.

UREA

Effect of sulfur-containing compounds and urea on the duration of medication sleep [with summary in English]. M. V. Korablev. Farm. i toks. 25 no. 1:17-25 Ja-F '62.

Effect of thiourea on the solution of steel in sulfuric acid. *A. I. Fil'po* Uch. zap. MGPI no 146 62-91 '60

Evaporation of aqueous solutions of urea. V. I. Zagranichnyi, N. A. Gol'dberg. Khim. prom. no. 3:166-168 Mr '62.

Mathematical dependence of the urea content in urine on its specific gravity. V. N. Molotilov. Urologiia no. 6:66-67 '61.

Pharmacological data on the compound p-chloro-benzene sulfo-cyclohexylcarbamide. L. Tardos, I. Dedei. Farm. i toks. 25 no. 1:93-99 *Ja-F '62.*

Solubility isotherm in the system cobalt chloride - urea - *water at 20°.* *G. K. Distanov, E. Kydyrmyshev* Zhur. neorg. khim. 7 no. 4 885-888 Ap '62.

Ternary system urea - manganese chloride - water at 20 and 30°C. I. G. Druzhinin, K. Rysmendeev. Izv. vys. ucheb. zav., khim. i khim. tekh. 5 no. 1:7-11 '62.

Ternary system urea - nickel sulfate - water at 25 and *40°C.* *I. G. Druzhinin, A. Kalkiev.* Izv. vys. ucheb. zav., khim. i khim. tekh. 5 no. 1:3-6 '62.

Use of urea as inhibitor of atmospheric corrosion. F. G. Zak, S. D. Beskov Uch. zap. MGPI *no 146 151-156* '60

UREA AS FEED

Effect of carbamide on the physiological state of animals. A. A. Kudriavtsev. Veterinariia 37 no 12:67-71 D '60.

UREA DERIVATIVES

Some features of the process of stabilizing loess with carbamide resin mortars. M. T. Kuleev. Osn., fund. i mekh. grun. 3 no 6:15-17 '61

UREASE

Method for the quantitative determination of urease activity in micro-organisms *[with summary in English]* V. A. Fradkin Zhur. mikrobiol., *epid. i immun* 33 no. 3 42-46 Mr '62.

URETERS—ABNORMITIES AND DEFORMITIES

Congenital valve of the ureter. L. S. Ioffe. Urologiia no. 6, 63-64 '61.

URETERS—DISEASES

Hemodynamic changes in renal and *ureteral diseases* in connection with surgical treatment [with summary in English]. M. A. Trunin. Urologiia *no. 6:14-20 '61.*

URETERS—INNERVATION

Role of the interoceptors of the ureters in their motor function [with summary in English]. I. F. Kharitonov. Urologiia no 2, 38-42 '62.

URETERS—SURGERY

Morphological changes in the graft during enteroplasty of the ureter in an experiment [with summary in English]. E. V. Shakhov, D. I. Ryzhakov. Urologiia no. 6:47-50 '61.

Nonintubation ureterotomy in treating *stenosis of the pyelo-ureteral segment* [with summary in English]. *Stefan* Wesolowski. Urologiia no. 2:36-38 '62.

URETHANES

Polyurethan coating based on *hydroxyl-containing* linear high polymers. G. IA. Terlo, L. S. Basova. Lakokras. mat. i ikh prim. *no. 1:8-11 '62.*

URETHRA—ABNORMITIES AND DEFORMITIES

Double urethra. I. G. *Pridvizhkin.* Urologiia no. 2, 64-65 '62.

URETHRA—CANCER

Cancer of the urinary canal. I. F. Braslavskii. Urologiia no 2, 63-64 '62.

URETHRA—DISEASES

Post-traumatic urethritis. V. I. Zhulev. Nov. ... ivan. no 6:51-56 '61.

URETHRA—TUMORS

Melanoma of the urethra. M. A. Petzetakov. Urol. ... no. 2, 62-64 '62

URINARY ORGANS—DISEASES

Use of prednisone in some urological diseases [abstract] ... mary in English]. *M. E. Mebel'* Urologiia ... '62.

URINE

Urine formation during greatly decreased filtration ... the kidneys. A. S. Oganesian, G. A. Tumanian, ... Grigorian. Izv. AN Arm. SSR, Biol. nauki ... 32 '62.

URINE—ANALYSIS AND PATHOLOGY

Colorimetric determination of silicon in ... summary in English] V. I. Ivanov, P. A. ... Gig. i sanit. i prof. zab. 4 no 4 39-42 Ap '62

Mathematical dependence of the urea content in ... on its specific gravity. V. N. Molotilov. Urologiia *no. 6:66-67 '61.*

Significance of detecting Sternheimer-Malbin ... urine for the diagnosis of chronic pyelonephritis [abstract in English]. A. Z. Nechepurenko. ... no 2, 6-12 '62

URINE—INCONTINENCE

Current status of the problem of enuresis. I. M. ... B. I. Laskov Urologiia no. 2:66-73 '62.

URINE—RETENTION

Urine retention in children in tumors of the ... der. L. V. Shtanko. Ped., akush. i gin. ... '61.

URINE—SECRETION

Effect of promedol and morphine distribution [abstract] ... mary in English]. E. B. Berkhin. Farm. i toks. ... no. 1:82-86 Ja-F '62.

UROBILIN

Methodology of the quantitative determination of ... T. B. Elenport. Sov. zdrav. Kir. no. 1:48-51 Ja ... '62

UROLOGY

Intra-arterial blood infusion in urological ... G. A. Khavanov. Urologiia no. 6:20-25 '61.

"Italian treatise on urology. Vols. I-III [in Italian]" ... Michelangelo Sorcantino. Reviewed by A. IA. ... Urologiia no. 6:73-74 '61.

Present status and prospects for the development ... urological aid for the population of the U.S.S.R. ... Safonov. Urologiia no. 6:6-11 '61.

Use of curare-like preparations in surgical ... [abstract in English] E. B. Mavo Urologiia ... 24-28 '62

UROLOGY—BIBLIOGRAPHY see Bibliography - Urology

UROLOGY—CONGRESSES

Fourth All-Union Conference of Urologists. ... Gol'din. Urologiia no. 6:69-71 '61.

Fourth All-Union Urological Conference. V. N. ... Zdrav. Tadzh. 9 no. 1 60-64 Ja-F '62

UROPEPSIN

Determining uropepsin for evaluating the ... tion of the stomach [with summary in English] ... Mel'nitskii. Klin. med. no. 2:35-39 '62

Diagnostic significance of the determination of ... V. M. Karlinskii, E. G. Garina Zdrav. Kuzbas. ... no. 2:37-40 '62.

Evaluation of the secretory function of the ... the excretion of uropepsin in children with ... [with summary in English]. L. M. Okulova, I. ... nova. Pediatriia no. 4:58-61 '62.

UROPEPSINOGEN

Secretion of uropepsinogen during the treatment ... ulcer [with summary in English] S. M. Mart... Simbirtseva. Klin. med. no. 2:31-35 '62.

USHACHI DISTRICT—DAIRYING

Don't leave your work unfinished! B. Andreev. ... sial. 38 no. 4:7-8 Ap '62.

USHAKOVA, ELIZAVETA IVANOVNA

A great vegetable breeder. A. V. Alpat'ev, I. I. ... Vest. sel'khoz. nauki 7 no. 1:144-145 Ja '62

USOL'TSEV, AL'BERT

"The taste of bread" by Al'bert Usol'tsev. Reviewed by Al. Mikhailov. Oktiabr' 39 no. 4:218 Ap '62

USSURIYSK—DISCOVERY AND EXPLORATION

Arsen'ev, V. K. *[In the thickets of the Ussuriysk territory]* V debriakh Ussuriiskogo kraia. Vladivostok, Primorskoe knizhnoe izd-vo, 1961. 518 p.

UST'-KAMENOGORSK—LEAD—METALLURGY

Donchenko, P. A. [Use of slag-volitization apparatus at the V. I. Lenin Lead and Zinc Combine of Ust'-Kamenogorsk] Opyt ekspluatatsii shlakovozgonochnoi ustanovki na Ust'-Kamenogorskom svintsovo-tsinkovom kombinate im. V. I. Lenina. Alma-Ata, TSentr. in-t nauchno-tekhn. informatsii, 1960. 17 p.
[MICROFILM]

UST'-KAMENOGORSK—LEAD INDUSTRY—AUDITING AND INSPECTION

First steps of the public bureau of economic analysis. G. Sidorov. Nar. khoz. Kazakh. 20 no. 3 52-53 Mr '62.

UST'-KAMENOGORSK—ZINC—METALLURGY

Donchenko, P. A. [Use of slag-volitization apparatus at the V. I. Lenin Lead and Zinc Combine of Ust'-Kamenogorsk] Opyt ekspluatatsii shlakovozgonochnoi ustanovki na Ust'-Kamenogorskom svintsovo-tsinkovom kombinate im. V. I. Lenina. Alma-Ata, TSentr. in-t nauchno-tekhn. informatsii, 1960. 17 p.
[MICROFILM]

UST'-KAMENOGORSK—ZINC INDUSTRY—AUDITING AND INSPECTION

First steps of the public bureau of economic analysis. G. Sidorov. Nar. khoz. Kazakh. 20 no. 3:52-53 Mr '62.

UST'-KAMENOGORSK RESERVOIR—SOIL MICROORGANISMS

Microflora and chemical composition of soils of the Ust'-Kamenogorsk Reservoir. N. K. Gulaia, M. K. Kanatchikova. Trudy Inst. mikrobiol. i virus. AN Kazakh SSR 5:104-114 '61.

UST-TSILMA—MANUSCRIPTS

"The Ust-Tsilma manuscript collections from the 16th to the 20th century" by V. I. Malyshev. Reviewed by V. N. Aviokratov. Vop. arkh. 7 no. 1:120-124 Ja-Mr '62

UST-URT—BITUMEN—GEOLOGY

Bitumen potential of Mesozoic sediments in the Ust-Urt. A. K. Karimov, E. E. Ostpova, M. Ulkashev. Uzb. geol. zhur. 6 no. 2:38-45 '62

UTERUS

Author's method for hysterokymography on a living animal. G. K. Cherepakhin. Sbor. nauch. rab. Kaf. akush. i gin. GMI no. 1 19-25 '60.

Comparative action of acrichine and ergot on the postpartum uterus, preliminary report. IU. A. Vinogradova. Sbor. nauch. rab. Kaf. akush. i gin. GMI no. 1 83-84 '60.

UTERUS—BLOOD SUPPLY

Architectonics of the arterial uterine vessels in their cancerous lesion. M. S. Solov'eva. Sbor. nauch. rab. Kaf. akush. i gin. GMI no. 1 200-203 '60

UTERUS—CANCER

Architectonics of the arterial uterine vessels in their cancerous lesion. M. S. Solov'eva. Sbor. nauch. rab. Kaf. akush. i gin. GMI no. 1:200-208 '60

Cancer of the cervix uteri and pregnancy. F. Z. Rabinovich. Sbor. nauch. rab. Kaf. akush. i gin. GMI no. 1. 209-211 '60

Cancer of the corpus uteri; according to materials from the Kharkov Province Oncological Dispensary (1950-1955). P. A. Zarets'kyi. Ped., akush. i gin. 23 no. 6:53-56 '61.

Chorioepithelioma of the uterus. K. D. Utegenova. Zdrav. Kazakh. 22 no. 2:68-70 '62.

Clinical aspects and diagnosis of cancer of the corpus uteri. M. G. Darovskaia. Sbor. nauch. rab. Kaf. akush. i gin. GMI no. 2. 83-85 '60.

Effect of castration and sinestrol on inducting cancer of the uterus in rats with 9, 10-dimethyl-1, 2-benzanthracene [with summary in English]. L. I. Charkviani. Vop. onk. 8 no. 3:82-86 '62.

Fifty years of surgical control of cancer of the cervix uteri in the Gynecology Clinic of N. A. Semashko Hospital. S. S. Dobrotin. Sbor. nauch. rab. Kaf. akush. i gin. GMI no. 1:196-199 '60.

Immediate and late results of the surgical and combined methods of treating cancer of the corpus uteri. M. G. Darovskaia. Sbor. nauch. rab. Kaf. akush. i gin. GMI no. 2:78-82 '60.

Rare case of cancer of the cervix [and] corpus uteri and pregnancy. A. M. Mineeva. Sbor. nauch. rab. Kaf. akush. i gin. GMI no. 1. 212 '60.

Rodkina, R. A. [Cancer of the cervix uteri and its stages] Rak sheinoi matki i stadii. Kuibyshev, Kuibyshevskii med. in-t, 1960. 205 p.
(DNLM)

Significance of hysterography in the diagnosis of malignant tumors of the uterus [with summary in English]. G. P. Loskutova. Vop. onk. 8 no. 4:37-42 '62.

UTERUS—DISEASES

Case of a uterine-abdominal wall fistula in atresia of the cervical canal. E. A. Zhivotovskaia. Sbor. nauch. rab. Kaf. akush. i gin. GMI no. 1:167-168 '60.

Hormonal disturbances in climacteric metropathy. A. F. Dobrotina. Sbor. nauch. rab. Kaf. akush. i gin. GMI no. 2 99-101 '60.

UTERUS—RADIOGRAPHY

Complications in hysterosalpingography [with summary in English]. E. S. Kononova. Vest. rent. i rad. 37 no. 2:47-49 Mr-Ap '62.

Dependence of the localization of radiation injury on the functional state of the organ. Report No. 3. Morphological changes in the uterus in white mice irradiated at various phases of the estrus cycle [with summary in English]. N. V. Sokolova, T. I. Gorshenina. Biul. eksp. biol. i med. 53 no. 3:112-116 Mr '62

Significance of hysterography in the diagnosis of malignant tumors of the uterus [with summary in English]. G. P. Loskutova. Vop. onk. 8 no. 4:37-42 '62.

UTERUS—SURGERY

Penicillin in the prevention of postpartum diseases following intrauterine surgical interventions. N. P. Mikhailova. Sbor., nauch. rab. Kaf. akush. i gin. GMI no. 1 99-101 '60.

UTERUS—TUMORS

Errors in diagnosing inflammatory tumors of the adnexa uteri. A. F. Dobrotina, G. A. Kalashnikova. Sbor. nauch. rab. Kaf. akush. i gin. GMI no. 1 151-155 '60

Immediate and late results of the surgical treatment of fibromyomas of the uterus. A. F. Dobrotina. Sbor. nauch. rab. Kaf. akush. i gin. GMI no. 1 151-155 '60

Myoma of the ligamentum teres uteri. M. S. TSirul'nikov, L. V. Terskaia. Sov. med. 25 no. 1:142-143 Ja '62

Operative treatment of pelvic suppurative encysted peritonitis with the presence of suppurative follicular tumors of the adnexa uteri. G. A. Kalashnikova. Sbor. nauch. rab. Kaf. akush. i gin. GMI no. 2 104-107 '60

Pathogenesis of hemorrhages in some forms of fibromyomas. S. S. Dobrotin, A. F. Dobrotina. Sbor. nauch. rab. Kaf. akush. i gin. GMI no. 1 147-150 '60

Results of the surgical treatment of fibromas of the uterus. I. K. Batluk. Ped., akush. i gin. 23 no. 6:51-53 '61

UTERUS—WOUNDS AND INJURIES

Method for managing patients with perforation of the uterus. V. I. Furenluk. Sov. med. 25 no. 1:140-142 Ja '62.

UTERUS, PREGNANT

Bodiazhina, V. I., and others. [Effect of ionizing radiation on the genitalia, pregnancy and the intrauterine fetus] Vliianie ioniziruiushchei radiatsii na polovye zhelezy, beremennost' i vnutriutrobnyi plod. Moskva, Medgiz, 1962. 181 p.
(DNLM)

UVAT REGION—GAS, NATURAL—GEOLOGY

Alferov, B. A., and others. [Key wells of the U. S. S. R.; Uvat key well (Tyumen' Province)] Opornye skvazhiny SSSR; Uvatskaia opornaia skvazhina (Tiumenskaia oblast' oblast'). Leningrad, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry Leningr. otd-nie, 1961. 90 p. (Leningrad. Vsesoiuznyi neftianoi nauchno-issledovatel'skii geologorazvedochnyi institut. Trudy, no. 178)

UVAT REGION—PETROLEUM GEOLOGY

Alferov, B. A., and others. [Key wells of the U. S. S. R., Uvat key well (Tyumen' Province)] Opornye skvazhiny SSSR, Uvatskaia opornaia skvazhina (Tiumenskaia oblast'). Leningrad, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry Leningr. otd-nie, 1961. 90 p. (Leningrad. Vsesoiuznyi neftianoi nauchno-issledovatel'skii geologorazvedochnyi institut. Trudy, no. 178)

UZBEKISTAN—AGRICULTURE

Toward a new surge in agriculture. Part. zhizn' [Uzb.] 5 no. 2:3-8 F '62.

UZBEKISTAN—BOTANY

"Flora of Uzbekistan." Reviewed by M. M. Nabiev. Uzb. biol. zhur. 6 no. 2 71-72 '62.

UZBEKISTAN—BUGLOSS

Toxicology and pharmacology of bugloss. I. Fatkhullaev. Uzb. biol. zhur. 6 no. 2:53-55 '62.

UZBEKISTAN—CHALCID FLIES

New parasite of the Turanian scale Diaspidiotus prunorum (Laing) in Armenia and Uzbekistan. V. A. Triapitsyn. Dokl. AN Arm. SSR 34 no. 2:93-96 '62

UZBEKISTAN—CHIGGERS (MITES)

New species of the trombiculid mite of the genus Neotrombicula Hirst, 1925 (Acariformes, Trombiculidae) from the Kazakh and the Uzbek S. S. R. [with summary in English]. E. G. Shluger. Zool. zhur. 41 no. 4:631-632 Ap '62.

UZBEKISTAN—CITIES AND TOWNS

Some problems relating to the development of new cities in the Tashkent-Chirchik-Angren industrial region. E. A. Akhmedov. Obshchestv. nauki v Uz. 6 no. 3:12-18 '62.

UZBEKISTAN—CLAY

Sulfide-bearing clay inclusions in Cretaceous sediments of southern Uzbekistan. A. D. Shmulevich. Uzb. geol. zhur. 6 no. 1:26-34 '62.

UZBEKISTAN—COLLECTIVE FARMS—MANAGEMENT

Distribution and planning of farm buildings and livestock sections on the collective farms of irrigated regions in the Uzbek S. S. R. P. K. Tatur. Trudy TIIMSKH no. 1: 181-219 '55.

Give daily attention to propagandists. E. Bogoslovskaia. Part. zhizn' [Uzb.] 5 no. 2:30-36 F '62.

Nonstaff sections of party committees. M. Bolonogov. Part. zhizn' [Uzb.] 5 no. 2 88-90 F '62.

Party life. Part. zhizn' [Uzb.] 5 no. 2 95-96 F '62

Propaganda of the congress decisions is the most important task of the press. Part. zhizn' [Uzb.] 5 no. 2 91-91 F '62

UZBEKISTAN—COMMUNIST YOUTH LEAGUE

Heroic deeds of the Communist Youth Leaguers and young people of Uzbekistan in the battles of the Great Patriotic War. B. Davranov. Obshchestv. nauki v Uz. 6 no. 3 33-39 '62.

UZBEKISTAN—CONSTRUCTION INDUSTRY

Accelerate putting into operation new capacity in light industry. S. Boguslavskii. Nar. khoz. Uzb. 1 no. 3 59-63 Mr '62.

UZBEKISTAN—CONSTRUCTION INDUSTRY—FINANCE

Material basis of the socialist reproduction of capital assets. G. Gringof. Nar. khoz. Uzb. 1 no. 3 10-16 Mr '62

UZBEKISTAN—COTTON GROWING

In the direction of overall mechanization. V. Tiupko. Part. zhizn' [Uzb.] 5 no. 2 38-42 F '62

Over-all mechanized crew in cotton growing. N. Romanov. Fkon. sel'khoz. 33 no. 2:45-48 F '62.

UZBEKISTAN—COTTONSEED PRODUCTS

Cottonseed tar oil is a valuable raw material. M. Mandzinkov. Nar. khoz. Uzb. 1 no. 3 93-94 Mr '62.

UZBEKISTAN—CULTURE

Soviet intelligentsia and the building of communism. A. K. Valiev. Obshchestv. nauki v Uz. 6 no. 3:5-11 '62.

UZBEKISTAN—DOMESTIC RELATIONS

Some problems concerning the codification of family law. G. M. Tanavkhaeva. Obshchestv. nauki v Uz. 6 no. 3: 57-59 '62.

UZBEKISTAN—ECONOMIC CONDITIONS

Faith, happiness, duty. Kamil' Yashen. Znamia 32 no. 1:156-160 Ja '62.

Let's increase participation of the intelligentsia in the solution of problems of the development of communism. Part. zhizn' [Uzb.] 5 no. 2 9-15 F '62.

Mobilize potentials for carrying out the tasks of the building of communism. Nar. khoz. Uzb. 4 no. 3:5-12 Mr '62.

UZBEKISTAN—ECONOMICS—STUDY AND TEACHING

Let's bring a knowledge of economics to the masses. A. Abduganiev. Part. zhizn' [Uzb.] 5 no. 2 58-60 F '62

UZBEKISTAN—FARM MANAGEMENT

Some economic problems in stimulating lagging collective farms to catch up with progressive ones. Kh. Dzhalilov, K. Lapkin, I. Togaev. Nar. khoz. Uzb. 4 no. 3 19-22 Mr '62.

UZBEKISTAN—FINANCE

Use state funds economically and efficiently. V. Muratkhodzhaev. Nar. khoz. Uzb. 4 no. 3 54-58 Mr '62.

UZBEKISTAN—GEOLOGY, STRUCTURAL

Tectonics of the southwestern part of the Kagan structural group. K. A. Ergashev, P. I. Tel'nov. Uzb. geol. zhur. 6 no. 1:72-76 '62

UZBEKISTAN—GEOMORPHOLOGY

Prospecting for local structures by geomorphological methods in the Bukhara-Khiva oil-bearing region. L. P. Polkanova, N. M. Roznov. Geol. nefti i gaza 6 no. 3 46-47 Mr '62

UZBEKISTAN—HISTORY—SOURCES

New acquisitions of the Central Archieves of the Uzbek S. S. R. in 1961. M. Vekselman. Obshchestv. nauki v Uzv. 6 no. 3 79 '62

UZBEKISTAN—I

Use state funds
khodzhaev. I

UZBEKISTAN—

Let's increase
solution of pro
Part. zhizn' [U

UZBEKISTAN—J

Perseverance w
40 Ap '62.

UZBEKISTAN—M

Accelerate putti
industry. S. Bo
59-63 Mr '62.

UZBEKISTAN—M

Agricultural and
out autumnal,
stan. V. V. Kar
issl. gidrometa

UZBEKISTAN—M

Quests or a com
117-119 Mr '6

UZBEKISTAN—MOTION-PICTURE THEATERS
Ways to improve motion-picture theater service for the rural population. L. Nasretova. Part. zhizn' [Uzb.] 5 no. 2 64-66 F '62

UZBEKISTAN—MOTION PICTURES, DOCUMENTARY
With a common plan. S. Rozen. Iskusstvo no. 4 41-44 Ap '62

UZBEKISTAN—MINERALS
Concentration of the Celtic ores in a Wilfley and prospect for its application in Uzbekistan. A. A. Mukhamedov. Uzb. biol. zhur. 4 no. 2 24-30 '62

UZBEKISTAN—NEWSPAPERS
Propaganda of the congress decisions is the most important task of the press. Part. zhizn' [Uzb.] 5 no. 2 91-94 F '62

UZBEKISTAN—NONFERROUS METALS—METALLURGY
Expansion of mechanization in metallurgy in the Uzbek S.S.R. A. Lomov. Tsvet. met. 35 no. 4 7-10 Ap '62

UZBEKISTAN—PLANT LICE
New data on root aphids. V. A. Ilan. Uzb. biol. zhur. 6 no. 2 64-66 '62

UZBEKISTAN—PRECAST CONCRETE CONSTRUCTION
What does the practice of large-panel house construction teach. Sem. semeno. Nar. khoz. Uzb. 4 no. 3 46-51 Mr '62

UZBEKISTAN—RAILROADS—FREIGHT
Improve and develop the interregional transportation and economic relations of Uzbekistan. S. Khodzhaev. Nar. khoz. Uzb. 4 no. 4 73-80 Mr '62

UZBEKISTAN—REPRESENTATIVE GOVERNMENT AND REPRESENTATION
The elected representatives of the people. Nar. khoz. Uzb. 4 no. 3 24-25 Mr '62

UZBEKISTAN—SIEROZEM SOILS
Composition of humus in Sierozem soils of Uzbekistan. T. B. Azimo. Visnyk sil'skogo nauky 5 no. 3 92-94 Mr '62

Reserves, distribution and mobility of potassium in Sierozem soils of the Uzbek S.S.R. [with summary in English] P. V. Zakharchuk, B. Matkarimov. Pochvovedenie no. 4 31-39 Ap '62

UZBEKISTAN—SOCIAL SCIENCE RESEARCH
A conference of young scholars. A. Mansurov. Obshchestv. nauki v Uz. 6 no. 3 70-71 '62.

UZBEKISTAN—SOVIETS
Training the personnel of local soviets in Uzbekistan. Sov. deputat. trud. no. 4 101 Ap '62.

UZBEKISTAN—STOCK AND STOCKBREEDING
Land utilization on the state stockbreeding farms in Uzbekistan. V. S. Artamonov. Trudy TIIMSKH no. 1 221-243 '55.

UZBEKISTAN—SULFIDES
Sulfide-bearing clay inclusions in Cretaceous sediments of southern Uzbekistan. A. D. Shmulevich. Uzb. geol. zhur. 6 no. 1 26-31 '62

UZBEKISTAN—TRANSPORTATION
Vital problems in developing city transportation. M. Khalmuradov. Nar. khoz. Uzb. 4 no. 3 85-87 Mr '62

UZYNKARGALY VALLEY—EARTH MOVEMENTS
Some indications of recent movements in the Uzynkargaly Valley (Trans-Ili Ala-Tau). N. F. Fedin. Uch. zap. Kazakh. un. 37 no. 4 109-112 '58

VACATIONS
Spring vacations. D. S. Lenskaia. Zdorov'e 8 no. 3 30 Mr '62.

VACATIONS, EMPLOYEE
Ashmarina, N. V. [Supplementary leave for workers and office employees] Dopolnitel'nye otpuska rabochim i sluzhashchim. Moskva, Gosiurizdat, 1961. 15 p. (Uridicheskie konsul'tatsii dlia naseleniia v voprosakh i otvetakh, no. 23)

Supplementary leaves for students. N. Parshina. Sov. profsoiuzy 18 no. 9 45-46 My '62

VACCINATION
Associated immunization of swine against the most dangerous infectious diseases. I. P. Lysenko, A. M. TSymbal. Veterinariia 38 no. 1 30-33 Ja '61

Comparative effectiveness of vaccines against hog cholera in case of aerogenic infection. G. F. Pogoniailo, A. B. Terlukhanov. Veterinariia 37 no. 10 33-35 O '60.

Effectiveness of specific measures for the control of hog cholera. I. V. Sorokin. Veterinariia 37 no. 10 35-38 O '60.

Immunity and vaccination. P. F. Zdrodovskii. Zdorov'e 8 no. 3, 2-3 Mr '62.

Immunization of swine against cholera with avirulent lapinized dry strain ASV viral vaccine. I. E. Golubev and others. Veterinariia 37 no. 10 29-32 O '60.

Improve methods of prophylactic vaccination. S. G. Kolesov. Veterinariia 38 no. 1 27-29 Ja '61.

Live vaccine against pasteurellosis of poultry and material on its testing. A. V. Maslukov, I. IA. Glebova. Veterinariia 38 no. 1 47-51 Ja '61.

Reduced doses of crystal violet vaccine against hog cholera. P. K. Sitnov, G. G. Chub. Veterinariia 37 no. 10 40 O '60

VACCINES
Hygienic evaluation of the visual working conditions for inspectors of prepared meat and vaccines [with summary in English] B. I. Gopsh, N. I. Zor. Gig. trudа i prof. zab. 6 no. 3 11-20 Mr '62

Method for the quantitative determination of live Brucella in brucellosis vaccine [with summary in English] M. M. Ivanov, L. I. Datsevich. Zhur. mikrobiol., epidem. i immun. 33 no. 4 46-50 Ap '62

Producing live vaccine for controlling paratyphoid fever in calves. B. S. Matveenko. Trudy AZVI 9 213-217 '56

VACCINIA
Effect of Co^{60} gamma irradiation on the vaccinia virus and accompanying microflora. E. F. Kalinina and others. Med. zhur. Uzb. no. 2 45-46 F '62.

VACUUM CLEANERS
Investigation of the nozzles of street vacuum cleaners. E. G. Baulina. Shor. nauch. rab. AKKH no. 3 131-151 '60

VACUUM METALLURGY—EQUIPMENT AND SUPPLIES
Concerning V. M. Chelibeev's and I. D. Panegorodtsev's article entitled "Vacuum furnaces for the silicothermic method of producing magnesium." A. M. Tarts. Tsvet. met. 35 no. 4 85 Ap '62

VACUUM PUMPS
Influence of sorption on the kinetics of the pumping out of vacuum systems. V. A. Malyshev. Zhur. tekh. fiz. 32 no. 3 360-361 Mr '62

VACUUM TECHNOLOGY
Kuz'min, S. I. [Melting and casting heat-resistant alloys and steel in vacuum] Plavka i lit'e zharoprochnykh splavov i stalei v vakuume. Moskva, Mashgiz, 1962 125 p.

VAGINA—DISEASES
Treating the falling of the vagina in cows. G. N. Nikolaev, A. I. Kirakoz. Veterinariia 37 no. 10 59 O '60.

VAGINA—SURGERY
Operation for creating an artificial vagina from placental membranes. S. S. Dobrotin. Shor. nauch. rab. Kaf. akush. i gin. GMI no. 2 116-117 '60.

VAGUS NERVE
Changes in the lymph flow and some biochemical lymph components following the stimulation of the vagus nerve. Report No. 3. R. S. Vasil'chenko and others. Izv. AN Kazakh. SSR Ser. med. i fiziol. no. 1 11-15 '61

VAGUS NERVE—SURGERY
Changes in the pancreas following subdiaphragmatic resection of the right vagus nerve [with summary in English] V. IA. Batunina. Biul. eksp. biol. i med. 51 no. 3 102-104 Mr '62.

Development of the motor innervation of the musculature in various segments of the stomach in rat ontogenesis. Report No. 1. Effect of bilateral subphrenic resection of the vagus nerves on the functional properties of the smooth musculature of the stomach [with summary in English] S. E. Belenkaia. Biul. eksp. biol. i med. 53 no. 3 7-13 Mr '62.

VAKHSH VALLEY—BORING
Introducing short periods of scavenging in vibration and machine drilling. I. IU. Antonov. Razved. i okh. nedr 28 no. 3 18-19 Mr '62

VAKHSH VALLEY—LEMON
Surface cultivation of lemon. V. I. TSulaia, F. K. Kudrina. Trudy Inst. sad. AN Tadzh. SSR 2 117-120 '60

VAKHSH VALLEY—PECAN
Vegetative propagation of pecan, preliminary report. Z. M. Galvoronskaia. Trudy Inst. sad. AN Tadzh. SSR 2 121-125 '60.

VALENCE (THEORETICAL CHEMISTRY)
Activation of metallic catalysts. Report No. 1. Concepts of the origin of free valences in metals. M. A. Landau. Izv. AN SSSR, Otd. khim. nauk no. 4 582-588 Ap '62.

VALERIC ACID
Preparation and research on validol tablets. S. M. Makhkamov. Apt. delo 11 no. 1 57-59 Ja-F '62.

VALUE
Levshin, L. V. [Criticism of the theory of value of British bourgeois economists] Kritika teorii stoimosti anglilskikh burzhuaznykh ekonomistov. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 242 p.

VALVES see subdivision under Erivan

VANADIUM COMPOUNDS
Trivalent vanadium salicylate. L. B. Levashova, V. L. Zolotavin. Zhur. neorg. khim. 7 no. 4 811-813 Ap '62

VANADYLIONS
Properties of the V = O multiple bond in vanadyl ions. A. I. Rivkind. Dokl. AN SSSR 144 no. 6 1304-1305 Je '62.

VANES see subdivision under Pechora Valley

VAPOR DENSITY
Investigation of the vapor pressure and vapor density of binary solutions of silicon chloride derivatives. P. G. K. Korchemnaia and others. Izv. vyssh. ucheb. zav. Khim. i khim. tekh. 5 no. 1 65-69 '62.

VAPOR PRESSURE
Investigation of the vapor pressure and vapor density of binary solutions of silicon chloride derivatives. P. G. K. Korchemnaia and others. Izv. vyssh. ucheb. zav. Khim. i khim. tekh. 5 no. 1 65-69 '62.

Measuring the vapor pressure of metallic sulfides. Kuz'min and others. Vest. Mosk. un. ser. 2 Khim. 17 no. 2 40-41 Mr-Ap '62

Saturated vapor pressure of UO_2. I. V. Tanaev, L. I. Getskin, N. S. Milyutina. Zhur. neorg. khim. 7 no. 4 730-731 Ap '62

VAPOR PRESSURE—MEASUREMENT
Sulfur vapor pressure in contact with iron. V. T. Borisov, R. A. Lukanov, V. M. [illegible] SSSR. Otd. tekh. nauk. Met. i topl. no. 2 12 [illegible] '62

VARIABLE STARS see Stars, Variable

VARIATION (BIOLOGY)
"Heredity and variability in cultivated plants." I. I. Gliushchenko. Reviewed by S. I. Bondarenko. Vest. sel'skokhoz. nauki 7 no. 2 151-156 F '62

VARICOSE VEINS see Vein

VARIX
Electrocoagulation as a method of choice in the surgical treatment of varicose dilatation of the veins of the [illegible] extremities (further observations). V. N. Mikhailov. Nov. khir. arkh. no. 4 33-38 '60.

VASES, GREEK
A vase by the master Nikosthenes, which has been added to the collections. A. Periodot'ev. [illegible] no. 21 39-45 '61

VASIL'YEVKA (SINEL'NIKOVO DISTRICT) Monument
The Third Vasil'yevka burial mound. [illegible] Rapidis, D. IA. Telegin. Arkheologiia [illegible] '61

VASNETSOV, IURII ALEKSEEVICH, 1900
Petrov, V. N. IUrii Alekseevich Vasnetsov. [In Russian] [illegible] 1961] 9 l. p. illus. plates.
(MH)

VASNETSOV, NIKOLAI ALEKSEEVICH, 1901-1961
In memoriam Nikolai Alekseevich Vasnetsov. [illegible] N. V. Mikhailov, A. P. Ryzhikh. Arkh. anat. gistol. i embr. 42 no. 1 127-128 Ja '62

VASNETSOV, VIKTOR MIKHAILOVICH, 1818-1926
Helmet of a hero. IUrii Dmitriev. Znan'e-sila 37 no. 8 39-40 Ap '62

VASOMOTOR DRUGS
Experimental data on the compound use of neurotropic, vasoprotector and hormonal substances in the treatment of shock [with summary in English] O. I. Kizim. Biul. eksp. biol. i med. 53 no. 4 60-63 Mr '62

VASOMOTOR NERVOUS SYSTEM see Nervous system, Vasomotor

VAVILOV, SERGEI IVANOVICH, 1891-
Seventieth birthday of S. I. Vavilov. I. A. Bush. Vest. sel'skokhoz. nauki 7 no. 12 110-111 '62.

VAVILOV, SERGEI IVANOVICH, 1891-1951—BIBLIOGRAPHY see Bibliography—Vavilov, Sergei Ivanovich, 1891-1951

VECTOMOV, SASA
At a concert given by Sasa Vectomov. I. Orlenev. Sov. muz. 26 no. 4 109 Ap '62

VECTORCARDIOGRAPHY
Akulinichev, I. P. [Practical problems in vectorcardioscopy] Prakticheskie voprosy vektorkardioskopii. Moskva, Medgiz, 1960. 213 p. (Biblioteka prakticheskogo vracha)
(DNLM)

Vectorcardiogram in mitral stenosis with pulmonary hypertension [with summary in English]. A. A. Kedrov. Kardiologiia 2 no. 2 29-38 Mr-Ap '62.

VECTORCARDIOGRAPHY—EQUIPMENT AND SUPPLIES
Dark chamber for the VEKS-01 vectorelectrocardiograph. B. N. Semenov. Grud. khir. no. 2 109-110 '62

VEGETABLE GARDENING
(see also subdivision under Russia, Northern; Tajikistan)
Do it for your collective farm. O. Krotova. [illegible] no. 3 36-37 Mr '62.

From the first vegetable bed. B. Alekseenkov. [illegible] 8 no. 4 30 Ap '62.

VEGETABLE GARDENING (Continued)
Grow it in your garden. B. Aleksandrov. IUn. nat. no. 3 37 Mr '62.

Method of planting vegetables in wide strips [with summaries in English, German, and French] S. A. Gerasimov, V. M. Pironkov. Vest. sel'khoz. nauki 7 no. 2:68-72 F '62

VEGETABLE GARDENING—COSTS see subdivision under Serpukhov District

VEGETABLE HYBRIDIZATION see Hybridization, Vegetable

VEGETABLES
(see also subdivision under Alma-Ata Province; Tajikistan)
Sanitary control of vegetables and fruits treated with methyl bromide gas. V. D. Eremenko, F. M. Mirochnik, K. F. Spitsina. Gig. i san. 27 no. 3:59-63 Mr '62.

Vegetables on our table. V. IUdineva. Obshchestv. pit. no. 1,4-5 Ja '62

VEGETABLES—MICROBIOLOGY
Survivability of the poliomyelitis virus and other enteroviruses on vegetables. G. A. Bagdasarian. Gig. i san. 27 no. 3:97-99 Mr '62.

VEGETABLES—TRANSPORTATION see subdivision under Yakutsk region

VEGETABLES, CANNED
(see also subdivision under Dokshukino)
Filled sauerkraut rolls. D. A. Aberman, M. N. Motorina. Kons. i ov. prom. 17 no. 4:22 Ap '62.
"Vegetable ragout." A. M. Savina. Kons. i ov. prom. 17 no. 4:21 Ap '62.

VEGETABLES, DRIED see subdivision under Ukraine

VEGETATION AND CLIMATE see subdivision under Sivash region

VEHICLES, MILITARY
Areshkin, G. I., and others. [Training manual for motor-vehicle drivers] Posobie dlia podgotovki voditelia avtomobilia. Moskva, Voen. izd-vo M-va obor. SSSR, 1962. 501 p.

VELIKIYE LUKI—TEACHERS, TRAINING OF
Contacts with schools grow stronger. A. Doronchenkov. Nar. obr. no. 4:28-27 Ap '62.

VELSK DISTRICT—SUGAR BEETS
Kraskov, N. A. [Three hundred and thirty-nine centners of sugar beets per hectare in the North] 339 tsentnerov sakharnoi svekly s gektara na Severe. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1962. 30 p. (DA)

VENA CAVA—SURGERY
Plastic surgery of the venae cavae, survey of Soviet and foreign literature. I. A. Pis'menov. Vest. khir. no. 4:111-118 '62.

VENDING MACHINES
Let's improve the accounting and planning of vending machine work. A. Kravchenko. Sov. torg. 35 no. 4:25-28 Ap '62.

VENDING MACHINES—MODELS
Model of a vending machine. L. I. Danil'chuk. Shkola i proizv. 6 no. 3:86-87 Mr '62.

VENDING STANDS
Stand for the sale of ice cream and milk shakes. P. Mudrov. Sov. torg. 35 no. 4:51 Ap '62.

VENEERS AND VENEERING
Resistance of wood to veneer cutting. V. N. Feleshchuk. Izv. vys. ucheb. zav., les. zhur. 4 no. 6:120-128 '61.

VENEREAL DISEASES
(see also subdivision under Gorki)
S"ezd dermato-venerologov Ukrainskoi SSR. 2d, Kharkov, 1959. [Transactions of the Second Congress of Dermatovenereologists of the Ukrainian S. S. R.] Trudy, Kiev, Gos. med. izd-vo USSR, 1960. 475 p. (DNLM)

VENEREAL DISEASES—CONGRESSES
Work of the First All-Russian Dermatovenereological Congress. A. A. Studnitsyn. Biul. Uch. med. sov. 3 no. 2:28-30 Mr-Ap '62.

VENEREAL DISEASES—PREVENTION
[Guide book for organizing the control of venereal and infectious skin diseases] Spravochnik po organizatsii bor'by s venericheskimi i zaraznymi kozhnymi boleznami. Pod red. N. M. Turanova i A. A. Studnitsina. Moskva, Medgiz, 1961. 164 p. (DNLM)
Measures for fulfilling the decisions of the Central Committee of the CPSU and the Council of Ministers of the U.S.S.R. of January 14, 1961 on the control of venereal and infectious skin diseases. Vest. derm. i ven. no. 6:3-6 '61.
Work of the traveling seminar of the World Health Organization on problems in organizing control of venereal diseases. A. A. Studnitsin, N. M. Turanov. Vest. derm. i ven. no. 4:55-64 '62.

VENEREOLOGY see subdivision under Rumania

VENETIAN ART see Art, Venetian

VENICE—ECONOMIC CONDITIONS
Characteristics of the economic and cultural life in Venice in the 16th century [with summary in French] T. D. Fomicheva. Trudy Gos. Ermi. 6 no. 2:51-59 '61.

VERESHCHAGINO—LIBRARIES AND READERS
Loyal helpers. N. Ekimova. Bibliotekar' no. 1:44-45 Ap '62

VERKHNIY ZGID—NONFERROUS METALS
Metamorphism in ores of the Zgid lead-zinc deposit. F. I. Savenkova, A. P. Mansurovskii. Izv. vys. ucheb. zav.; tsvet. met. 3 no. 2:3-5 '60.

VERKHNYAYA KHORTITSA DISTRICT—KILNS
Archeological excavations of a potter's kiln in the Katsirka Valley in 1955. A. T. Braicheva'ka. Arkheologiia 13:114-118 '61.

VERKHNYAYA KHORTITSA DISTRICT—POTTERY, PRIMITIVE
Archeological excavations of a potter's kiln in the Kantsirka Valley in 1955. A. T. Braicheva'ka. Arkheologiia 13:114-118 '61.

VERKHOYANSK RANGE—ORE DEPOSITS
Geological position of lead-zinc mineralization in the southern Verkhoyansk Range. B. L. Flerov, D. S. Bulavskii, D. A. Dorofeev. Geol. rud. mestorozh. no. 2:59-74 Mr-Ap '62

VERNALIZATION
Vernalization and the geographical changes of chemical substances incorporated by plants. Hitomu Ohashi. Agrobiologiia no. 2:266-272 Mr-Ap '62.

VERTEBRATES—EMBRYOLOGY see Embryology—Vertebrates

VERTICALLY RISING AIRPLANES
Zakharin, V. A. [Aviation with vertical take-off] Aviatsiia vertikal'nogo vzleta. Moskva, Izd-vo DOSAAF, 1961. 60 p.

VESHENSKAYA DISTRICT—AGRICULTURAL ADMINISTRATION
Work of the Veshenskaya Communists. P. Chukarin. Part. zhizn' no. 9,40-43 My '62.

VESHKAYMA DISTRICT—COMMUNITY AND SCHOOL
Let's raise the work of pedagogical society to the level of new tasks. A. Solov'ev. Nar. obr. no. 4:86-88 Ap '62.

VESHKAYMA DISTRICT—EDUCATIONAL ASSOCIATIONS
Let's raise the work of pedagogical society to the level of new tasks. A. Solov'ev. Nar. obr. no. 4 86-88 Ap '62.

VESTIBULAR APPARATUS—DISEASES
State of the vegetative nervous system in an unusual form of vestibular encephalitis. F. B. Berezin. Izv. AN Kazakh SSR Ser. med. i fiziol. no. 2:101-106 '61.

VETERANS
More on benefits for those discharged from the army. A. Mikhlin. Otv. na vop. trud. no. 12:57-59 D '61.

VETERANS, DISABLED—EMPLOYMENT see subdivision under Pyatigorsk

VETERINARIANS—LEGAL STATUS, LAWS, ETC.
Privileges of veterinary specialists. Veterinariia 37 no. 12:81-82 D '60.

VETERINARY ANATOMY
Morphology of the cartilaginous skeleton of the trachea and large bronchi in domestic animals. M. V. Vasilenko. Trudy AZVI 9,343-351 '56.

VETERINARY BACTERIOLOGY
Bacterioscopic examination method in paratuberculous enteritis of cattle. A. I. Orlov. Veterinariia 38 no. 1:78-80 Ja '61.

VETERINARY HYGIENE
(see also subdivision under Vinnitsa Province)
Improve veterinary prophylactic measures in winter by every possible means. Veterinariia 38 no. 1:5-9 Ja '61.

Notes on a review. Kh. S. Goregliad, V. P. Koriazhnov. Veterinariia 37 no. 10:87 O '60.

Toward further greater achievements of the socialist agriculture. Veterinariia 37 no. 8:5-9 Ag '60.

VETERINARY HYGIENE—CONGRESSES
Conference on problems of veterinary sanitation. E. E. Vranchan, I. G. Levenberg. Veterinariia 37 no. 10:90-91 O '60.

VETERINARY INSTRUMENTS AND APPARATUS
Apparatus for rectal resections in farm animals. N. A. Kozlov. Veterinariia 38 no. 1:58 Ja '61.

Information on new instruments. P. A. Korotkov. Veterinariia 37 no. 10:80-81 O '60.

Rubber catheter with an outlet tube for obtaining urine from cows. A. V. Vishnevskaia. Veterinariia 37 no. 6:86-87 Ag '60

VETERINARY LABORATORIES see subdivision under Lipkany

VETERINARY MATERIA MEDICA AND PHARMACY
Use of vitamine B_{12} produced by a microbiological method. V. K. Parakin. Veterinariia 38 no. 1:63-65 Ja '61

What are prophylactic doses of iodine? E. I. Smirnova. Veterinariia 38 no. 1:68-70 Ja '61.

VETERINARY MEDICINE
(see also subdivision under Estonia, Georgia; Latvia; Lithuania; Volyn' Province)
Conference-seminar of chief and senior veterinarians from the state livestock farms of Leningrad Province. N. V. Antonenko. Veterinariia 37 no. 8,96 Ag '60.

From local clinical practice. Veterinariia 38 no. 1:65 Ja '61.

Improve methods of prophylactic vaccination. S. G. Kolesov. Veterinariia 38 no. 1:27-29 Ja '61.

Klebsiella infection in animals; a survey of foreign literature. K. A. Dorofeev. Veterinariia 37 no. 8,84-86 Ag '60.

Leptospirosis in farm animals; according to materials received by the editor. Veterinariia 38 no. 1:51-53 Ja '61.

Measures for the control of dermatomycosis in farm animals. A. A. Poliakov, N. A. Spesivtseva. Veterinariia 37 no. 8 75-78 Ag '60.

Protein and vitamin deficiencies as factors in animal diseases. IA. I. Kleinbok, V. M. Petrov, K. N. Petrov. Trudy AZVI 9 121-138 '56

Use of antibiotics. P. I. Gorlainov and others. Veterinariia 37 no. 12 63-66 D '60

Use of biovetin in the diseases of young animals. K. M. Khakimova. Veterinariia 37 no. 12 56-57 D '60.

VETERINARY MEDICINE—ABSTRACTS
On the section "Diseases of farm animals" in the journal of abstracts "Biologiia." L. S. Kitichenko. Veterinariia 38 no. 1,95 Ja '61.

VETERINARY MEDICINE—BIBLIOGRAPHY see Bibliography—Veterinary medicine

VETERINARY MEDICINE—BIOBIBLIOGRAPHY
"Biographical dictionary of workers in natural science and engineering," vols. 1-2. Reviewed by S. V. Bazhenov. Veterinariia 37 no. 10 83-86 O '60.

VETERINARY MEDICINE—DICTIONARIES
For the publication of the "Great veterinary encyclopedia." G. N. Shpilevno, L. K. Volnalovich. Veterinariia 38 no. 1:12-13 Ja '61.

VETERINARY OBSTETRICS
Cases of abnormality in newborn animals. L. T. Andrilach, V. D. Stepaniuk. Veterinariia 38 no. 1 59-61 Ja '61.

Operative method of placental separation in cows. V. I. Rubtsov. Veterinariia 37 no. 12:54-55 D '60.

Treatment of cows with puerperal infection. N. I. Sokolov. Veterinariia 37 no. 12:46 D '60.

VETERINARY PARASITOLOGY
Orlov, I. V., N. I. Agrinskii, and S. N. Nikol'skii. [Handbook on veterinary parasitology] Praktikum po veterinarnoi parazitologii. Moskva, Izd-vo sel'khoz. lit-ry zhurnalov i plakatov, 1962. 318 p. (DA)

VETERINARY PATHOLOGY
Determining the lameness degree in animals. S. N. Martianov. Veterinariia 38 no. 1,62-63 Ja '61.

"Infection and immunobiological reactivity of the animal organism" by V. V. Nikol'skii. Reviewed by I. P. Revenko, T. V. Gaidamaka. Veterinariia 38 no. 1:90-91 Ja '61.

Lymphadenosis in farm animals. A. A. Stel'makh. Veterinariia 37 no. 12,25-28 D '60.

VETERINARY PATHOLOGY—CONGRESSES
Intercollege conference on pathological anatomy of farm animals. A. A. Avrorov, S. G. Petrov. Veterinariia 37 no. 10:91-93 O '60.

VETERINARY SURGERY
In the Scientific Technical Council of the Ministry of Agriculture of the U.S.S.R. Veterinariia 38 no. 1:93-94 Ja '61.

Incision of abscesses in traumatic reticulitis of cattle. K. IA. Kiln. Veterinariia 38 no. 1:57 Ja '61.

Reparative regeneration of ovaries in cows, female rabbits, and chickens. N. E. Shalduga. Veterinariia 37 no. 12:49-51 D '60.

Treatment of animals with bone fractures. P. M. Rodin. Veterinariia 38 no. 1:61-62 Ja '61.

VETERINARY TOXICOLOGY
Problems in the toxicology and therapy of animals in poisoning; according to materials received by the editor. Veterinariia 37 no. 8:63-70 Ag '60.

Problems in the toxicology and therapy of animals in poisoning; according to materials received by the editor. Veterinariia 37 no. 10:82 O '60.

VETTER, GUIDO, 1881-1960
Professor Guido Vetter, obituary. L Novyi, Vop. ist. est i tekh no 12 256-258 '62.

VIBRATION
Flow of a viscous fluid between two parallel vibrating planes. I N.Sadikov. Trudy METI no.7,124-135 '61.
Free vibrations of systems with one degree of freedom and limiters V I Sysoev. Trudy TSNIISK no 1-39-72 '61.
Necessary and sufficient conditions of stability, semi-stability, and instability of a limited cycle and some of their applications V. F. Tkachev Mat sbor 56 no 3 281-300 Mr '62.
Resonance passage in nonlinear systems with many degrees of freedom under the action of multifrequency perturbing forces. V P Rubanik Probl. proch. v mashinostr no. 7 3-18 '62
Single-frequency resonance vibrations in quasi-linear systems with delayed arguments V P Rubanik Probl. proch v mashinostr no 7 19-28 '62.
Transients in acoustic fields generated by vibrations of a spherical segment O. G Kozina, G. I Makarov, N N Shaposhnikov Akust zhur 8 no 1 72-78 '62.
Use of electric models of the process of passing through the resonance by a foundation or a machine with anti-vibration mountings N. A. Pikulev Trudy TSNIISK no. 1 104-115 '61
Vibration and rotation experiments with helium II [with summary in English]. E L. Andronikashvili. Trudy Inst. fiz AN Gruz. SSR 6 3-32 '58.

VIBRATION—ELECTROMECHANICAL ANALOGIES
Results of an experimental study of the vibrating working part of a continuous loader P. A. Mikhirev, K. S Gurkov, V. A. Maksimov Gor zhur. no 4,51-54 Ap '62.

VIBRATION—MEASUREMENT
Geyondian, T. A., and L. T. Kiselev. [Devices for measuring and recording vibrations] Pribory dlia izmereniia i registratsii kolebanii. Moskva, Mashgiz, 1962. 467 p

VIBRATION—PHYSIOLOGICAL EFFECT
Electroencephalographic studies in vibration sickness caused by the action of general vibration [with summary in English] P. I Shpil'berg. Gig. truda i prof. zab. no 4 14-22 '62
Hygienic evaluation of vibration and noise in some types of metal grinding and polishing work on stationary machines [with summary in English]. V R. Usenko Gig truda i prof. zab no 4 3-8 '62.

VIBRATION (MARINE ENGINEERING)
Vibro-acoustic characteristics of marine water pipes N. M. Egorova, N I. Duan. Sudostroenie 28 no. 3,14-17 Mr '62.

VIBRATORS
Selecting basic parameters of pneumatic plunger vibrators D. V. Khalangot. Vest. mash 42 no. 2;43-44 F '62.

VIBRATORS—ELECTRIC DRIVING
Concerning the construction of load diagrams for the electric drives of inertial vibrators. V. S. Shevchenko. Izv vys ucheb zav ,elektromekh. 5 no. 3;315-320 '62.

VIBRIO COMMA
Possibility of using specific fluorescent antibodies for the rapid detection of Vibrio cholerae in water [with summary in English]. E. V Chibrikova and others. Zhur. mikrobiol , epid. i immun. 33 no 3-9-14 Mr '62
Recovery of cholera-like Vibrio from the viscera of a patient who had died of acute enteritis. E. N Golovko, [illegible] Zykov Zdrav Tadzh. 9 no.1-44-45

[illegible] in cattle. E. I. Drapaliuk. Veterinariia 37 no 12 28-29 D '60
Vibriosis of farm animals. A. A. Sysoev. Veterinariia 38 no.1,82-84 Ja '61.

VIETNAM, NORTH—AGRICULTURE, COOPERATIVE
Legal status of agricultural cooperatives in the Democratic Republic of Vietnam. Nguen Din Lok. Sov. gos. i pravo 32 no. 5;92-97 My '62.

VIETNAM, NORTH—COMPOST
Manure-soil composts on the fields of Vietnam. Bui Gui Dep. Zemledelie 24 no 4-85-87 Ap '62

VIETNAM, NORTH—DESCRIPTION AND TRAVEL
Sotsukhin, V. A. [Postcards from Vietnam] Otkrytki iz V'etnama. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1961. 126 p.

VIETNAM, NORTH—ECONOMIC CONDITIONS
News from Hanoi. Az. i Afr. seg. no. 4;35 Ap '62.

VIETNAM, NORTH—ECONOMICS—PERIODICALS
"Economic research," a new Vietnamese magazine. V S. Rastorguev Nar. Azii i Afi no. 2;189-188 '62.

VIETNAM, NORTH—EDUCATION
Vietnamese schools in the 1961-1962 school year. Le Dai Li. Sov pedag 26 no 4-108-111 Ap '62.

VIETNAM, NORTH—PEPTIC ULCER
Some clinical characteristics of gastric and duodenal peptic ulcer in the Democratic Republic of Vietnam. V P. Pomerantsev, Nguen Man'Lyk, Noan Tong. Sov med 25 no 1;143-145 Ja '62

VIETNAM, NORTH—SAVINGS BANKS
Developing savings banks in the Democratic Republic of Vietnam Tran Linkh Shen Fin SSSR 23 no 1 77-81 Ap '62

VIETNAM, SOUTH—CATHOLIC CHURCH
Religion in foreign countries. Volov ateist no. 5 56-57, 59 My '62

VILNIUS—RADIO JOURNALISM
A daily radio newspaper N. Il'inskii Part zhizn' no 9 44-45 My '62

VILNIUS UNIVERSITY—ADMISSION
Vilna. Universitetas. [Regulations for the admission of students to Vilna State University and the program of entrance examinations for 1960] Studentu priemimo i Vilniaus Valstybini V. Kapsuko Vardo Universiteta 1960. m. Taisykles ir stojamuju egzaminu programos. Vilnius, 1960. 72 p [In Lithuanian]
[MICROFILM]

VILYUY VALLEY—GEOLOGY, STRATIGRAPHIC
Stratigraphy and facies of Jurassic sediments in the Angara-Vilyuy trough. N. N. Tazikin. Trudy VSEGEI 66;87-105 '61

VINE CROPS see subdivision under Tajikistan

VINNITSA PROVINCE—FARM BUILDINGS—FIRES AND FIRE PREVENTION
No fires in our district. I. Nudel'. Pozh. delo 8 no. 4-29 Ap '62.

VINNITSA PROVINCE—VETERINARY HYGIENE
Veterinary workers of Vinnitsa Province in the strive for increased output of livestock products A. N Stepaniuk. Veterinariia 37 no. 8 17-19 Ag '60.

VINOGRADOV, IVAN
"Earth, Heavens, Earth", a tale by Ivan Vinogradov. Reviewed by V. Sashonko. Neva no. 2-193-194 '62.

VINOKUROV, EVGENII MIKHAILOVICH
"Human countenance by Evgenii Vinokurov. Reviewed by St. Rassadin. Novyi mir 38 no. 1;250-253 Ja '62.

VINOKUROV, MIKHAIL ALEKSANDROVICH, 1896-
Mikhail Aleksandrovich Vinokurov, on his 75th birthday. Pochvovedenie no. 1 109-110 Ap '62

VINYL ACETATE
Homolytic telomerization of vinyl acetate with tetrachloroethylene at high pressures. V. M Zhulin, M. G. Gonikberg, V N. Zagorbinina. Izv. AN SSSR. Otd. khim. nauk no. 4-716-720 Ap '62.
Use of vinyl acetate in the production of synthetic resins. A. S. Vain, N. P. Fedorenko. Plast. massy no. 1;53-55 '62.

VINYL ALCOHOL POLYMERS
Sulfoaliphatic cation exchangers based on polyvinyl alcohol E. G. Rozantsev, L. B. Vystavkina. Zhur. prikl. khim. 35 no. 4 919-921 Ap '62.

VINYL COMPOUND POLYMERS
Action of gasoline and water on poly(vinyl chloride) plasticized by polymeric plasticizers. V. A. Byl'ev, V. A Voskresenskii. Zhur prikl. khim 35 no. 4-914-915 Ap '62.
Effect of poly(vinyl) chloride decomposition inhibitors on the kinetics of decomposition and lightfastness of poly-(vinyl chloride) plastic materials Z. V. Popova and others. Plast massy no. 5;3-6 '62.
Electron microscope investigation of crystalline poly(vinyl chloride). D. P. Bort and others. Dokl. AN SSSR 143 no. 6;1345-1347 Ap '62.
Mechanism of homogeneous radical stereospecific polymerization of vinyl chloride in aldehydes. G. A. Razuvaev and others. Dokl. AN SSSR 143 no. 5;1116-1118 Ap '62.
Organosols and plastisols. O. A. Sadovskaia. Lakokras. mat. i ikh prim. no. 1,90-91 '62.
Photometric rapid method for determining the degree of readiness of poly(vinyl chloride) films in the process of plasticization on rolls. E. S. Khoroshaia and others. Plast. massy no 5;58-60 '62.
Polymerization of vinyl chloride under the effect of gamma rays. L. D. Bubis and others. Plast. massy no. 4;3-6 '62.

VINYL COMPOUND POLYMERS—ELECTRIC PROPERTIES
Effect of the composition of plasticizers on the electrical properties of poly(vinyl chloride) compositions. IU. N. Van-Gaut. Plast. massy no. 5;40-44 '62.

VINYL GROUP
Reactivity of the vinyl group in substituted silanes in the reaction of addition to benzene under the effect of aluminum chloride. K A. Andrianov, A. A. Zhdanov, V. A. Odinets. Zhur ob. khim. 32 no. 4,1126-1130 Ap '62.

VINYLATION
Vinylation of indole. M F Shostakovskii and [illegible] Zhur prikl khim. 35 no 4;915-917 Ap '62

VIOLURIC ACID
New reaction of o-phenylenediamines with violuric acid V. M. Berezovskii, G. D. Glebova. Dokl AN [illegible] no. 6;1341-1341 Ap '62.

VIRGIN TERRITORY—AGRICULTURAL MACHINERY AND MAINTENANCE AND REPAIR
Put machinery in reliable hands A. Chernish [illegible] V Saibel' Sov profsoiuzy 18 no 8 9-11 '62

VIRGIN TERRITORY—AGRICULTURE
A helping hand is given by Moscow to the virgin lands. Moskva 5 no. 9;162 '61
People in the Virgin Territory set new objectives N. Tribushnyi Voen znan. 38 no. 4,16 Ap '62.
Ways for further development of agriculture in virgin land M. Tsybenko Ekon sel'khoz 11 no 2 87-93 F '62

VIRGIN TERRITORY—BEAUTY SHOPS
The "Moskovskaya" Beauty Salon in the virgin lands I. Leonidov Moskva 5 no 9;201 '61

VIRGIN TERRITORY—CONSTRUCTION WORKERS
A train content with its passengers from Moscow to the virgin lands N. Dmitrieva Moskva 5 no 9 [illegible]

VIRGIN TERRITORY—MEDICINE
Line of life from Moscow to the virgin lands [illegible] Moskva 5 no 9,199 '61

VIRGIN TERRITORY—MILITARY EDUCATION
People in the Virgin Territory set new objectives N. Tribushnyi Voen znan. 38 no 4,16 Ap '62

VIRGIN TERRITORY—RAILROADS—FREIGHT
"The transportation system and overall mechanization of loading and unloading on Kazakhstan roads" by A. Bekkulov. Reviewed by S. Butzhanov, [illegible] Nar. khoz. Kazakh. 20 no. 3 84-86 Mr '62

VIRGIN TERRITORY—RURAL CONDITIONS
A district which is "too far" from the Executive Committee of the Virgin Territory. Dan Pojel', [illegible] trud. no. 4;71-75 Ap '62.

VIRGIN TERRITORY—RURAL LIBRARIES
There are booklovers in every house [illegible] ko. Part. zhizn' Kazakh 31[i. e. 32] no 1 2 74 A, '62

VIRGIN TERRITORY—RUSSIAN NEWSPAPERS
Shortcomings of an influential newspaper Part [illegible] Kazakh. 31[i. e. 32] no. 4,75-78 Ap '62

VIRGIN TERRITORY—SHEEP
Akhmetzhanov, Allahbergen. [Roundups in far settlements] Na dal'nikh otgonakh [Moskva] Izd-vo TsK [illegible] "Molodaia gvardiia," 1961. 31 p.

VIRGIN TERRITORY—STATE FARMS
Workers from the Il'ich plant in Moscow are sent in the virgin lands. S. Indurskii Moskva 5 [illegible] 186-187 '61

VIRGIN TERRITORY—TRADE UNIONS
Put machinery in reliable hands A. Chernish [illegible] V Saibel', Sov. profsoiuzy 18 no 8 9-11 '62.

VIRGIN TERRITORY—WATER SUPPLY
Huge water mains. O. Emel'ianov. Moskva 5 [illegible] '61

VIRGIN TERRITORY—WATER SUPPLY, RURAL
Conference on rural water supply in the Virgin lands IA. M. Pashenkov. Gidr. i mel. 14 no 1 55-61 [illegible]

VIRGIN TERRITORY—WHEAT—DISEASES AND PESTS
Some results of and prospects for studying the grain [illegible] and their control in areas where virgin lands are being brought under cultivation [with summary in English] T. G. Girigor'eva Zool zhur. 41 no 1;5-17 Ja '62

VIROLOGY
Stability of transplantable cell lines [with summary in English]. S. IA. Zalkind, L. G. Stepanova, V. V. [illegible] Biul. eksp. biol. i med. 53 no. 4;95-99 Ap '62.

VIRTA, NIKOLAI EVGEN'EVICH, 1900-
Paradoxes of Nikolai Virta B. Emel'ianov [illegible] no. 5;66-70 My '62

VIRUS DISEASES see subdivision under Ukraine

VIRUS DISEASES OF PLANTS
Big bud of tomatoes and virus yellows in the Alma Ata region. M. I. Gol'din, M. A. IUrchenko Trudy [illegible] mikrobiol. i virus. AN Kazakh. SSR 5;139-147 '61
Insects as carriers of phytopathogenic viruses [with summary in English]. G. M. Razvizkina. Zool. zhur. 41 no. 4;481-490 Ap '62.

VIRUS RESEARCH
Interferon. Alick Isaaks. Priroda 51 no. 4 [illegible] '62.

VIRUSES
Does a virus cause leucosis in cattle? V. M. Berg [illegible] Priroda 51 no. 4;102-104 Ap '62.

VIRUSES (Continued)
Isolation of the ECHO group of viruses during the course of an epidemic outbreak of poliomyelitis in Tashkent, preliminary report S S Maksumov, L V. Zaprometova Med zhur Uzb no 2 17-19 F '62

VISCERA—INNERVATION
Electrical reactions of the various strata of the cerebellar cortex during the excitation of the visceral nerves. N V Bratus', Fiziol zhur. 48 no.3 303-309 Mr '62.

VISCOSE
Effect of the structure of viscose fibers on the degree of their acetylation. T. M Afonina and others. Khim. volok no 2;30-33 '62
Kinetics of decomposition of cellulose xanthate and of formation of sodium trithiocarbonate in viscose R A. Khurgina, A. B. Pakshver Khim.volok. no. 2,25-30 '62
State of viscose spinning baths. E. Treiber. Khim. volok no 2,65-72 '62.

VISCOSE—SPECTRA
Nuclear magnetic resonance method of studying viscose fibers E. A. Abramova, N. M. Bazhenov, E. I Shiltgin. Khim volok no 2,33-35 '62.

VISCOSIMETER
Developing the basic formula for the viscosimeter with an inclined tube I. V. Zolotykh Izm tekh no. 4 44-48 Ap '62

VISCOSITY
Diffusion and mechanical properties of solids B. IA. Pines Usp fiz nauk 76 no 3;519-556 Mr '62
Organic viscosity-depressing agents for drilling muds D Tishchenko, S. Fleisher. Zhur. prikl khim 35 no 3;638-647 Mr '62.
Viscosity of the snow cover. A M Pi'mesov. Izv AN SSSR Ser. geofiz. no 1 562-566 Ap '62

VISHNEVSKII, VSEVOLOD VITAL'EVICH, 1900-1951
On others as well as Vishnevskii . Aleksandr Shtein. Teatr 23 no 5;132-145 My '62

VISHNEVYYE MOUNTAINS—BASTNAESITE
Bastnaesite of the Vishnevyye Mountains. E. B. Khalezova, I. I. Nazarenko. Trudy Inst. min., geokhim. i kristalokhim. red. elem. no. 2;99-101 '59

VISHNEVYYE MOUNTAINS—ROCKS, CARBONATE
Carbonization effects in alkali rocks of the Vishnevyye Mountains. G. N. Mukhitdinov. Trudy Inst min , geokhim. i kristallokhim. red. elem no. 2,265-270 '59.

VISION
Hygienic evaluation of the degree of distribution of visual anomalies among schoolchildren M. B. Beilel'son. Ped., akush. i gin 23 no. 6;25-26 '61.
Statistical analysis of the differentiation ability of some fishes of the Black Sea. M P Aronov. Trudy SBS 14: 286-291 '61

VISION RESEARCH
Present status and problems of research of the hygiene of vision. Vest. oft. no. 2;3-8 '62.

VISITORS, FOREIGN see subdivision under Communist Countries, Kiev

VISUAL AIDS
Malanskii, E. I. [Homemade visual aids in solid geometry] Samodel'nye naglIadnye posobiia po stereometrii. [Kostroma] Kostromskoe knizhnoe izd-vo, 1959. 81 p.

VITAMIN METABOLISM
Pyridoxine metabolism in the blood and tissues of cancer patients V. V. korkhov Vop. pat. krovi i krovoobr no 5,104-108 '59

VITAMIN THERAPY
Effect of vitamins on the effectiveness of emergency prophylaxis, experimental data. G. N. Egorov. Vest. AMN SSSR 17 no. 3;26-37 '62.

VITAMINS
Content of some vitamins in the milk of camels. K T Bestuzheva. Uch. zap. Kab.-Balk. gos un. no 8;155-159 '60.
Effect of ionizing radiation on the accumulation of vitamins and monosaccharides in corn leaves. V. S. Fedorova. Trudy TSSBS no. 4;123-127 '60.
Effect of trace elements on the vitamin content in corn leaves. V. S. Fedorova, T. G. Demina. Trudy TSSBS no. 4;107-112 '60.
Protein and vitamin deficiencies as factors in animal diseases IA. I Kleinbok, V. M. Petrov, K. N. Petrov Trudy AZVI 9 121-138 '56.
Reaction of Bac. megatherium to vitamins. Report No. 22: Effect of some vitamins on the reproduction of Bac. megatherium. N. M. Mal'tseva. Mikrobiol. zhur. 23 no. 4 4-8 '61.
Role of vitamins in the treatment of skin diseases. G. S. Zel'din. Med. sestra 21 no. 4 28-31 Ap '62.
Shub, R. L. [Importance of vitamins and nitrofurans in obstetrics and gynecology] Znachenie vitaminov i nitrofuranov v akusherstve i ginekologii. Moskva, Medgiz, 1961. 167 p.
(DNLM)
When winter ends R. I. Arkad'eva. Zdorov'e 8 no. 2: 30 F '62.

VITAMINS—A
Role of vitamins A and C in increasing the quality and quantity of wool in sheep V. T Krikavtsov Trudy AZVI 9 71-76 '56.
Vitamin A and C level in swine diets and ways for raising it P. N. T'Sarulik Trudy AZVI 9 85-90 '56
Vitamin A in dermatology and hypervitaminosis A F. A. Zver'kova. Vest. derm. i ven. no 6;16-17 '61

VITAMINS—B
Effect of hormonal preparations on the excretion of thiamine, riboflavin, N1-methylnicotinamide, and 4-pyridoxic acid with urine in patients with infectious hepatitis [with summary in English] P. D. Starshov Vop. med khim 8 no. 2;169-176 Mr-Ap '62
Effect of vitamin B complex on some liver functions in acute trinitrotoluene poisoning [with summary in English]. E. L. Pidemskii Farm. i toks 25 no. 1 108-113 Ja-F '62.

VITAMINS—B1 see Thiamine

VITAMINS—B2 see Riboflavin

VITAMINS—B5 see Nicotinic acid

VITAMINS—B6 see Pyridoxine

VITAMINS—B12 see Cyanocobalamine

VITAMINS—C see Ascorbic acid

VITAMINS—D
Hypervitaminosis D in infants. L. M Pilaskova, K A. Sidorova. I G. Kozlovtseva. Pediatriia no 4;61-66 '62.
Mass prevention and treatment of rickets with maximum doses of vitamin D in Kaluga Province. I. L. Frenkel', V. O. Gotlib, E. S Kuzovkova. Pediatriia no. 4 52-54 '62.

VITAMINS—G see Riboflavin

VITEBSK—INDUSTRIES
Our rapid development V. M. Sinitsyn. Belarus' 19 no 4;6-7 Ap '62

VITICULTURE
(see also subdivision under Moldavia; Strasheny District; Tajikistan)
Intercropping in young vineyards. M. I. Brodnikovskii Trudy Inst. sad AN Tadzh. SSR 2 75-77 '60.
Possibilities for increasing labor productivity in grape cultivation [with summaries in English, German, and French] S. S Legkostup. Vest. sel'khoz. nauki 7 no 2 19-25 F '62.

VITICULTURE—EQUIPMENT AND SUPPLIES see subdivision under Armenia

VITREOUS HUMOR—CANCER
Implantation of a Brown-Pearce tumor into the vitreous body [with summary in English] E. O kotelianskii. Vop. onk 8 no. 3 106-107 '62.

VLADIMIR—EXHIBITIONS
Vladimir people present an account of their creative activities N. Granovskii Sov foto 22 no 1 26 Ap '62.

VLADIMIR—OLD-AGE HOMES
Garden needs care M. Bozherianov Sots. obesp 23 no. 4,45 Ap '62.

VLADIMIR—RESTAURANTS, LUNCHROOMS, ETC.—EMPLOYEES
Vladimir encounters. M. Osipov. Obshchest. pit. no. 3. 14-15 Mr '62.

VLADIMIR—TELEPHONE DIRECTORIES
Russia (1923- U. S. S. R.) Ministerstvo sviazi. [Telephone directory of Vladimir for 1950] Spisok abonentov Vladimirskoi gorodskoi telefonnoi seti 1950 g. Vladimir, Izd. Vladimirskoi gorodskoi telefonnoi seti, 1950. 140 p.
[PHOTOCOPY]

VLADIMIR PROVINCE—EDUCATION, ELEMENTARY
Our small schools V. Lazova, N. Maslohoeva. Nar. obr. no. 4;15-16 Ap '62.

VLADIMOV, GEORGII
"The rare ore" by Georgii Vladimov. Reviewed by E. Starikova. Znamia 32 no. 1;208-211 Ja '62.

VLADIVOSTOK—HISTORY—SOURCES
Primorskiy kray. Upravlenie vnutrennikh del. Arkhivnyi otdel. [Vladivostok; collected historical documents, 1860-1907] Vladivostok; sbornik istoricheskikh dokumentov, 1860-1907 gg. Vladivostok, Primorskoe knizhnoe izd-vo, 1960. 219 p.
(MH)

VLASOV, IURII
Strength for good deeds. IU. Vlasov. Sov voin 44 no. 6: 28-30 Mr '62.

VLASOVA, OL'GA NIKOLAEVNA
Always youthful art. N. Sheremet'evskaia. Teatr 23 no. 5;157-159 My '62.

VOCATIONAL EDUCATION
(see also subdivision under Russia, Northern; Volgograd Province)
Class adviser's work with the students of the production class N N Pospelov Shkola i proizv 6 no 4 7-10 Ap '62
Extend the practical work time for clothing industry students Shvein prom. no 1;38 Ja-F '62.
In the Main Administration of Vocational and Technical Education of the Council of Ministers of the R S F S R Prof.-tekh. obr. 19 no 3;31 Mr '62
In the State Committee on Vocational Education of the Council of Ministers of the U. S. S. R. Prof.-tekh obr 19 no. 4 5 Ap '62
Industrial training of secondary school students. S. Z. Berkovich. Shvein. prom. no 1;32-33 Ja-F '62.
News from schools. Prof.-tekh. obr. 19 no 3 32 Mr '62.
News from schools Prof.-tekh. obr 19 no 4 32 Ap '62.
Planning and organizing eighth-grade classes on "Mechanization of labor" A A Poliakov Shkola i proizv 6 no. 4 36-40 Ap '62
School technical station N P Zaftris Shkola i proizv. 6 no 4 72-73 Ap '62
Shrezikozin, V. P. [Students acquire a trade; vocational training in general schools] Shkol'niki priobretaiut professiiu, professional'naia podgotovka v obshcheobrazovatel'noi shkole. Moskva, Izd-vo "Znanie," 1962. 45 p. (Novoe v zhizni, nauke, tekhnike. XI Seriia Pedagogika, no. 4)
Their vocation. IA. Goldin. Sov. pech. no. 3,46-47 Mr '62.
Training of personnel for projects in the final stages of construction M. Liberman. Prof.-tekh. obr 19 no 1 29-30 Ap '62.
Training of the technical cadre. IU Kalikinskii. Prof.-tekh obr. 19 no 1 17-19 Ap '62
Vocational training of students in the workshops of a machinery plant at the second stage of production instruction M V. Gimranov. Shkola i proizv. 6 no 4 15-19 Ap '62
Ways of improving the training of specialist engineers in the clothing industry. V. K. Karasev Shvein prom no. 2;25-26 Mr-Ap '62.
Work education within the system of class adviser's work. I K Matiusha. Shkola i proizv. 6 no 4 11-14 Ap '62.
Workers of various specialities in chemical industry. V. Krevnevich. Prof.-tekh. obr. 19 no. 3,19-20 Mr '62.

VOCATIONAL EDUCATION—AUDIO-VISUAL AIDS
Posters and albums for schools. Prof.-tekh. obr. 19 no 4 27-28 Ap '62.

VOCATIONAL EDUCATION—BIBLIOGRAPHY see Bibliography—Vocational education

VOCATIONAL EDUCATION—PERIODICALS see subdivision under Czechoslovakia

VOCATIONAL GUIDANCE
Choosing occupations in secondary schools. R. A Medvedev Shkola i proizv 6 no. 4 19-26 Ap '62.
Vinogradova, M. D. [Working with teenagers in schools on their choice of vocation] Vospitatel'naia rabota s podrostkami v shkole po vyboru professii. Moskva, 1961. 53 p. (Pedagogicheskaia biblioteka uchitelia)

VOGEL, ZYGMUND, 1764-1826
Zygmund Vogel's water-colors [with summary in French]. E K. Kamenetskaia Trudy Gos. Erm 6 no. 2,346-368 '61.

VOLATILITY
Relation between relative volatility and mutual solubility G. V Seriakov, L A Nisel'son. Zhur. prikl. khim 35 no. 3 482-486 Mr '62

VOLCANIC ASH, TUFF, ETC. see subdivision under Armenia; Dniestr Valley

VOLCANOES
(see also subdivision under Tabatskuri Lake region)
Paleovolcanic research in the U. S. S. R. during 1917-1959. A. P. Lebedev, O. A. Bogatikov. Trudy Lab vulk no. 21;100-134 '62.

VOLGA-AKHTUBA FLOOD PLAIN—AGRICULTURE
Prikaspiiskaia ekspeditsiia. [Nature and agriculture in the Volga-Akhtuba Flood Plain and Volga Delta] Priroda i sel'skoe khoziaistvo Volgo-Akhtubinskoi doliny i del'ty Volgi; trudy. [Moskva] Izd-vo Mosk. univ., 1962. 448 p.
(DA)

VOLGA DELTA—AGRICULTURE
Prikaspiiskaia ekspeditsiia. [Nature and agriculture in the Volga-Akhtuba Flood Plain and Volga Delta] Priroda i sel'skoe khoziaistvo Volgo-Akhtubinskoi doliny i del'ty Volgi; trudy. [Moskva] Izd-vo Mosk. univ., 1962. 448 p.
(DA)

VOLGA DELTA—TULAREMIA
Epizooty of tularemia in the Volga Delta [with summary in English]. G. V. Romanov. Zool. zhur. 41 no 1;125-131 Ja '62.

VOLGA HYDROELECTRIC POWER STATION (22d CONGRESS OF THE CPSU)
[Volzhskiy, a city of hydraulic engineers] Volzhskii - gorod gidrostroitelei, [Stalingrad] Stalingradskoe knizhnoe izd-vo, 1961. 40 p.
[MICROFILM]
A year before the deadline. IU. Abramov, I. Bitiukov. Ekon. stroi. no. 1:35-42 Ja '62

VOLGA RIVER—INLAND WATER TRANSPORTATION
Volga River transportation workers are starting the fourth year of the seven-year period. K. Korotkov. Rech. transp. 21 no. 3:6-9 Mr '62

VOLGA-URAL REGION—GAS, NATURAL—CONGRESSES
Interdepartmental Conference on the Distribution of Oil and Gas Fields in the Volga-Ural Oil- and Gas-Bearing Area. D. V. Nalivkin. Geol. zhur. 22 no. 2:112-114 '62.

VOLGA-URAL REGION—OIL FIELD BRINES
Zerchaninov, I. K. [The technique of investigating water-tapping wells opening up productive deposits in the Volga-Ural region] Metodika issledovaniia vodianykh skvazhin, vskryvshikh produktivnye otlozheniia na territorii Uralo-Povolzh'ia. Moskva, Gostoptekhizdat, 1962. 77 p.

VOLGA-URAL REGION—PETROLEUM GEOLOGY—CONGRESSES
Interdepartmental Conference on the Distribution of Oil and Gas Fields in the Volga-Ural Oil- and Gas-bearing Area. D. V. Nalivkin. Geol. zhur. 22 no. 2:112-114 '62.

VOLGA VALLEY—AGRICULTURE
Sovershenstvovanie rabotnikov sel'skogo khoziaistva Povolzh'ia, Saratov, 1961. [Put the resources of the land in the service of our country] Bogatstva zemli - na sluzhbu Rodine; materialy. Moskva, Izd-vo M-va sel'. khoz. RSFSR, 1962. 159 p.

VOLGA VALLEY—GEOLOGY, STRUCTURAL
Tectonics of the Volga Valley portion of Saratov and Volgograd Provinces. IA. Sh. Shapiro. Izv. AN SSSR. Ser. geol. 27 no. 4:76-84 Ap '62

VOLGA VALLEY—HYDRAULIC ENGINEERING
Problem of the upper Volga. F. Tikhomirov. Rech. transp. 21 no. 3:35-37 Mr '62

VOLGA VALLEY—PROSPECTING
Voluntary work of the divisions of the Volga-Don Territorial Trade Union Committee. I. K. Repin. Razved. i okh. nedr. 28 no. 3:51-53 Mr '62.

VOLGA VALLEY—RECLAMATION OF LAND
Use of aerial photographic materials in investigating the trans-Volga region for land improvement purposes [with summary in English]. R. N. Smirnov. Pochvovedenie no. 4:78-80 Ap '62.

VOLGOGRAD—CRIME PREVENTION
Be sure that your methods are effective. M. Andronov. Sov. iust. no. 6:15 Mr '62.

VOLGOGRAD—INSURANCE, SOCIAL
Mistakes became less frequent. N. Ilinova. Sots. obesp. 23 no. 4:24 Ap '62

VOLGOGRAD—MEDICINE, INDUSTRIAL
Unused possibilities. N. Romanchikov. Okhr. truda i sots. strakh. 5 no. 3:25 Mr '62

VOLGOGRAD—PENSIONS
For the workers of our plant. R. Ulanova. Sots. obesp. 23 no. 4:25-28 Ap '62.

VOLGOGRAD PROVINCE—AGRICULTURAL WORKERS
They will work in rural areas. N. Petrov. Komsom. zhizn' no. 8:14-15 Ap '62.

VOLGOGRAD PROVINCE—COMMUNIST EDUCATION
Powerful means of political education. A. Kas'ianenko. Prof.-tekh. obr. 19 no. 4:12 Ap '62.

VOLGOGRAD PROVINCE—GAS, NATURAL—GEOLOGY
Prospecting for lithological oil and gas pools in the Volga Valley portion of Volgograd Province. N. I. Markovskii, G. A. Brazhnikov, T. L. Vesnina. Geol. nefti i gaza 6 no. 4:25-29 Ap '62.

VOLGOGRAD PROVINCE—GEOLOGY, STRUCTURAL
Relationship between structural patterns in the Volga Valley portion of Volgograd. V. N. Khlystova, O. G. Kozlov. Geol. nefti i gaza 6 no. 3:40-43 Ap '62.

VOLGOGRAD PROVINCE—INSURANCE, SOCIAL
Following the call of the heart. A. Nazarov. Sots. obesp. 23 no. 4:19-23 Ap '62.

VOLGOGRAD PROVINCE—KARST
Isolation of karst zones by industrial and field geophysical methods in sections of Volgograd Province. A. N. Afrikian, E. P. Markina. Geol. nefti i gaza 6 no. 4:55-58 Ap '62.

VOLGOGRAD PROVINCE—PENSIONERS—SOCIETIES, ETC.
Following the call of the heart. A. Nazarov. Sots. obesp. 23 no. 4:19-23 Ap '62

VOLGOGRAD PROVINCE—PETROLEUM GEOLOGY
Prospecting for lithological oil and gas pools in the Volga Valley portion of Volgograd Province. N. I. Markovskii, G. A. Brazhnikov, T. L. Vesnina. Geol. nefti i gaza 6 no. 4:25-29 Ap '62.

VOLGOGRAD PROVINCE—VOCATIONAL EDUCATION
Powerful means of political education. A. Kas'ianenko. Prof.-tekh. obr. 19 no. 4:12 Ap '62.

VOLOGDA—SKIS AND SKIING
Increasing the output of ski blanks in the Vologda Furniture Factory. A. N. Emel'ianchikov, O. P. Patranina. Der. prom. 11 no. 4:17-18 Ap '62.

VOLOGDA PROVINCE—COLLECTIVE FARMS
North of Vologda. Sergei Vikulov. Oktiabr' 39 no. 3:144-152 Mr '62.

VOLOGDA PROVINCE—INSURANCE, SOCIAL
Public control commission. P. Lysov. Sots. obesp. 23 no. 5:15 My '62.

VOLOGDA PROVINCE—PRODUCTION STANDARDS
Let us more quickly eliminate shortcomings in establishing technical standards. V. Gulkin. Sots. trud 7 no. 1:71-73 Ja '62

VOLOGDA PROVINCE—SWINE
Solov'ev, A. A., and V. N. Nikitin. [Penless outdoor maintenance of swine] Besstanochnoe svobodno-vygul'noe soderzhanie svinei. [Vologda] Vologodskoe knizhnoe izd-vo, 1962. 54 p.
(DA)

VOLOKOLAMSK DISTRICT—AGRICULTURAL MACHINERY
Our concern for agricultural machinery. G. Mochalov. Sov. deput. trud. no. 4:62-64 Ap '62.

VOLOKOLAMSK DISTRICT—STOCK AND STOCKBREEDING
Milliakova, N. E. [Livestock farmers work with enthusiasm] Zhivotnovody trudiatsia vdokhnovenno. [Moskva] Mosk. rabochii, 1962. 47 p. (Liudi, dela, plany)
(DA)

VOLTAGE REGULATORS
Analysis of a.c. voltage regulators serving as passive four-terminal networks. IU. V. Smirnov. Izv. vys. ucheb. zav. ;elektromekh. 5 no. 3:298-307 '62
Calculation of the instability of magnetic constant voltage and current stabilizers. K. B. Mazel'. Radiotekhnika 17 no. 4:61-66 Ap '62.

VOLTAIRE, FRANCOIS MARIE AROUET DE, 1694-1778
"The Voltaire Library, a catalog of books." Reviewed by N. Sigal. Vop. lit. 6 no. 4:231-233 Ap '62.

VOLTAMETER
The PR-5 voltameter. N. Khaimskii, G. Brutman, A. Trest. Radio no. 4:40 Ap '62

VOLTMETER
The VK7-6 voltmeter. F. Rosse. Radio no. 4:33-35 Ap '62

VOLYN' PROVINCE—PEGMATITES
Cassiterite and fluorite inclusions in crystals of pegmatites from Volyn' Province. V. A. Kalinzhnyi, IU. V. Liakhov. Dokl. AN SSSR 143 no. 5:1182-1185 Ap '62.

VOLYN' PROVINCE—SMALLPOX IN ANIMALS
Smallpox outbreaks in cows. S. I. Muratov. Veterinariia 37 no. 8:25 Ag '60.

VOLYN' PROVINCE—VETERINARY MEDICINE
Seminar of veterinarians. N. D. Shpai. Veterinariia 37 no. 8:95-96 Ag '60

VOLZHSKIY—DESCRIPTION
[Volzhskiy, a city of hydraulic engineers] Volzhskii - gorod gidrostroitelei. [Stalingrad] Stalingradskoe knizhnoe izd-vo, 1961. 40 p.
[MICROFILM]

VOROB'EV, K.
"Geese and swans"; stories by K. Vorob'ev. Reviewed by L. IUr'eva. Neva no. 2:194-195 '62.

VORONEZH—MEDICAL PERSONNEL
Turning down the nomination. P. Kartashov. Sov. profsoiuzy 18 no. 8:29 '62.

VORONEZH—POLITICS AND GOVERNMENT
"Bad habit." Sov. deput. trud. no. 4:82 Ap '62.

VORONEZH—THEATER
The future is with us. Mikhail Sergeenko. Teatr 23 no. 5:94-97 My '62.

VORONEZH—TRADE UNIONS
Turning down the nomination. P. Kartashov. Sov. profsoiuzy 18 no. 8:29 '62.

VORONEZH PROVINCE—COLLECTIVE FARMS—INCOME DISTRIBUTION
Voronezh, (Province) Oblastnoe upravlenie sel'skogo khoziaistva. [Manual on wages and the establishment of work norms on collective farms] Spravochnik po oplate i normirovaniiu truda v kolkhozakh. [Voronezh] Voronezhskoe knizhnoe izd-vo, 1959. 189 p.
[MICROFILM]

VORONEZH PROVINCE—COLLECTIVE FARMS—PRODUCTION STANDARDS
Voronezh, (Province) Oblastnoe upravlenie sel'skogo khoziaistva. [Manual on wages and the establishment of work norms on collective farms] Spravochnik po oplate i normirovaniiu truda v kolkhozakh. [Voronezh] Voronezhskoe knizhnoe izd-vo, 1959. 189 p.
[MICROFILM]

VORONEZH PROVINCE—FARM MECHANIZATION
On the main road. A. Popov. Komsom. zhizn' no. 8:2 Ap '62

VORONEZH PROVINCE—FOREST SOILS
Forest vegetation characteristics of soils in Voronezh Province. A. A. Pchelin. Nauch. zap. VLTI 21:143-161 '60.

VORONEZH PROVINCE—FORESTRY RESEARCH
In the Scientific Council of the Voronezh Forestry and Lumbering Institute. A. M. Krasnitskii. Nauch. zap. VLTI 21:165-167 '60.

VORONEZH PROVINCE—LEPIDOPTERA—BIOLOGICAL CONTROL
Biology of the nematode Hexamermis albicans Siebold, 1848, a parasite of some harmful Lepidoptera in Voronezh Province. A. K. Artukhovskii. Nauch. zap. VLTI 21:49-52 '60.

VORONEZH PROVINCE—LEPTOSPIROSIS
Abortions in swine caused by leptospirosis. P. T. Vasil', K. A. Shitov, S. I. Solov'ev. Veterinariia 37 no. 8:17 Ag '60.

VORONEZH PROVINCE—MOTION PICTURES IN EDUCATION
Screen in history lessons. D. Tetiukhin. Nar. obr. no. 1:85 Ap '62.

VORONEZH PROVINCE—OAK—DISEASES AND PESTS
Prominent moth Notodonta anceps Goeze and its control in Voronezh Province. N. N. Egorov, T. N. Sotnichenko. Nauch. zap. VLTI 21:23-35 '60

VORONEZH PROVINCE—SOCIAL SURVEYS
"The communal and the private, combination of collective and personal interests during the large-scale building of communism." Reviewed by A. Ulezko, G. Sabbakov. Kommunist 39 no. 8:72-77 My '62.

VORONEZH PROVINCE—VETERINARY MEDICINE—CONGRESSES
Conference-seminar of veterinary specialists. S. I. Solov'ev. Veterinariia 38 no. 1:95 Ja '61.

VORONIN, SERGEI
"Two lives" by Sergei Voronin. Reviewed by B. Sapozhnikov. Oktiabr' 39 no. 3:210-211 Mr '62.

VORONOV, MIKHAIL ALEKSEEVICH
Author of an anonymous article in "Kolokol" on N. G. Chernyshevskii. I. E. Semenova. Izv. AN SSSR. Otd. lit. i iaz. 21 no. 2:143-146 Mr-Ap '62.

VOROSHILOVGRAD see Lugansk

VOROSHILOVGRAD PROVINCE see Lugansk Province

VORSKLA VALLEY—SCYTHIAN ANTIQUITIES
Monuments of the Scythian period in the Vorskla Valley. N. T. Kovpanenko. Arkheologiia 13:62-79 '61.

VOSTOCHNOYE (KRASNOYARSK TERRITORY)—CO-OPERATIVE SOCIETIES
In a distant Siberian village. S. Mikhailov. Sov. potrebkoop. 6 no. 4:16-16b Ap '62.

VOSTOK STATION, ANTARCTICA—BLOOD—ANALYSIS AND CHEMISTRY
Changes in the blood of winterers at Vostok Station. L. I. Tikhomirov. Inform. biul. Sov. antark. eksp. no. 31 44-47 '61.

VOUET, SIMON, 1590-1649
Simon Vouet's "Minerva." V. Gerts. Ikon. Gos. Pravda no. 21:20-22 '61.

VOYAGES AND TRAVELS
IUdovich, A. B. [Under sail in the 20th century; voyage of the schooner "Zaria."] Pod parusami v XX veke; plavanie shkhuny "Zaria." Moskva, Gos. izd-vo geogr. lit-ry, 1960. 174 p.
"Vostok" sails south. V. Mortsalov. Znan. sila 37 no. 3:26-31 Mr '62.

VOYAGES AROUND THE WORLD
Nozikov, N. [Russian round-the-world navigators] Russkie krugosvetnye moreplavateli. Pod red. i s vstupitel'noi stat'ei M. A. Sergeeva. Izd. 2. Moskva, Voen. izd-vo M-va vooruzhennykh sil SSSR, 1947. 294 p.
Plans of Kruzenshtern's around the world voyage. E. Kushnarev. Mor. flot 22 no. 2:41-42 F '62.

VULCANIZATION
Comparing the effectiveness of various vulcanizing systems for the production of heat-resistant butyl rubbers. I. A. Levitin, G. M. Ronkin. Kauch. i rez. 21 no. 4:14-17 Ap '62.

VULCANIZATION (Continued)
Mechanism of the action of vulcanization accelerators. M.S. Fel'dshtein. Kauch. i rez. 21 no. 3:13-21 Mr '61.
Using the compression method for manufacturing the rim bands of automobile tires. V.I. Pirkhnevich. Kauch. i rez. 21 no. 3:48-49 Mr '62.
Vulcanization of type "Viton" fluorine copolymers with hexamethylenediamine. A.S. Novikov and others. Kauch. i rez. 21 no. 3 1-10 Mr '62

VULCANIZATION—EQUIPMENT AND SUPPLIES
Machine for inserting vulcanization devices. P. Zhuravkovskii, S. Gel'fer, A. Gaetskii. Avt. transp. 40 no. 4: 53 Ap '62.

VYSHINSKII, ANDREI IANUAR'EVICH, 1883-1954
A. IA. Vyshinskii's harmful "theories" on Soviet criminal procedure. A. Vinberg, G. Kocharov, G. Min'kovskii. Sots. zakon. 30 no. 3 12-22 Mr. '62

WAGE PAYMENT SYSTEMS
Distribution according to labor during the period of large-scale building of communism. S. Shkurko. Sots. trud 7 no. 1 41-49 Ja '62
In the Committee on Problems of Labor and Wages of the Council of Ministers of the U.S.S.R. and the All-Union Central Council of Trade Unions. Sots. trud 7 no. 1 142-144 Ja '62.

WAGES
(see also subdivision under Lvov)
Answering questions on wages. Avt. transp. 40 no. 4: 34-36 Ap '62
Lump-sum remuneration for long service. [U. Nazar'iants, I. Galitskii. Sots. trud 7 no. 1 137-141 Ja '62

WAGES—AGRICULTURAL WORKERS
Wages for tractor operators assigned to work in agriculture from industrial and transport enterprises, and other organizations. Buil. Gos. kom. po vop. truda i zar. platy no. 3 3 '62

WAGES—CLOTHING INDUSTRY see subdivision under Novorossiysk

WAGES—COAL MINES AND MINING
Supplementing the regulations on bonuses for fulfilling and overfulfilling the production plan for workers of mines, operating and under construction, and other enterprises of the coal and oil-shale industries (except the underground work in the mines of the Donets and Lvov-Volyn' basins and enterprises of local industries). Buil. Gos. kom. po vop. truda i zar. platy no. 3:12-13 '62.

WAGES—CONFECTIONERS see subdivision under Moscow

WAGES—CONSTRUCTION INDUSTRY
(see also subdivision under Bratsk Hydroelectric Power Station)
Adopting the general part of the Uniform Standards and Estimates for Building, Assembly and Repair Work (1960) with supplements and amendments. Buil. Gos. kom. po vop. truda i zar. platy no. 1, 16 '62.

WAGES—GEOLOGISTS
Supplement to the list for assigning geological and topographic geodetic organizations and enterprises to the managerial, engineering and technical wage groups. Buil. Gos. kom. po vop. truda i zar. platy no. 3:11 '62

WAGES—INSURANCE—AGENTS
Wage and bonus payment conditions for insurance agents who are not on the regular staff. Buil. Gos. kom. po vop. truda i zar. platy no. 3:4-9 '62.

WAGES—LOADING AND UNLOADING
Supplementing the list of goods the loading and unloading of which is paid according to augmented wage rates because of harmful working conditions. Buil. Gos. kom. po vop. truda i zar. platy no. 1:13 '62.

WAGES—LUMBERING INDUSTRY
Supplementing the standard regulations for the piece and hourly bonus wage systems for workers in enterprises of the lumbering industry. Buil. Gos. kom. po vop. truda i zar. platy no. 3 10 '62.

WAGES—OIL SHALE INDUSTRY
Supplementing the regulations on bonuses for fulfilling and overfulfilling the production plan for workers of mines, operating and under construction, and other enterprises of the coal and oil-shale industries (except the underground work in the mines of the Donets and Lvov-Volyn' basins and enterprises of local industries). Buil. Gos. kom. po vop. truda i zar. platy no. 3:12-13 '62.

WAGES—PROSPECTING
Consultation on wage problems. Razved. i okh. nedr 28 no. 4:54-55 Ap '62.

WAGES—RAILROADS
Samsonov, A. V., L. M. Ilkin, and E. G. Zanosov. [Wages in the department of railroad traffic; manual] Oplata truda v khoziaistve dvizhenila zheleznykh dorog; spravochnik. Pod obshchei red. I. F. IUrchenko. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1962. 171 p.

Wages of mechanics accompanying locomotives under nonworking conditions from the machine manufacturing plants to the place of their destination, and of mechanics of freight and tank cars accompanying various types of goods. Biul. Gos. kom. po vop. truda i zar. platy no. 1 14-15 '62.

WAGES—STEEL INDUSTRY see subdivision under Leningrad Province

WAGES—SURVEYING
Supplement to the list for assigning geological and topographic geodetic organizations and enterprises to the managerial, engineering and technical wage groups. Buil. Gos. kom. po vop. truda i zar. platy no. 3:11 '62

WAGES—TRANSPORTATION, AUTOMOTIVE
(see also subdivision under Odessa)
Kotl, M. I., M. G. Fatbusovich, and D. P. Frolov. [Tables for computing wages of motor-vehicle drivers] Raschetnye tablitsy dlia nachislenila zarabotnoi platy shoferam. Moskva, Avtotransizdat, 1961. 265 p.

WAGES—ZINC INDUSTRY see subdivision under Zyryanovsk

WAGES—WEAVERS
New method of accounting for weavers' wages. V. Gidlevskii. Bukhg. uchet 19 no. 4:55 Ap '62

WAGNERITE
First find of wagnerite in the U.S.S.R. V. I. Finko. Dokl. AN SSSR 143 no. 6:1424-1427 Ap '62.

WAGTAILS
Wagtail ball. F. Smirnov. Sem'ia i shkola 17 no. 4: 33 Ap '62.

WALL NEWSPAPERS
Your helper, friend and adviser. L. Ioffe, N. Il'inskii, V. Golubenko. Suv. profsoiuzy 19 no. 8 7 '62.

WALLS
Akademiia stroitel'stva i arkhitektury SSSR. Institut betona i zhelezobetona, Perovo. [Provisional instructions for designing walls of industrial buildings subjected to physical and chemical action] Vremennye ukazaniia po proektirovaniiu sten promyshlennykh zdanii s agressivnoi sredoi. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 38 p.
Gagarina, A. A., and M. D. Golovko. [Using the electric analogy method to study the stress state of large wall slabs] Issledovanie napriazhennogo sostoianiia krupnorazmernykh stenovykh panelei metodom elektricheskikh analogii. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 76 p. (Akademiia stroitel'stva i arkhitektury SSSR. Institut stroitel'noi fiziki i ograzhdaiushchikh konstruktsii. Nauchnoe soobshchenie, no. 3)
Mounted panel walls. V. Bushov, N. Prokopenko. Pozh. delo 8 no. 3:8-10 Mr '62.

WALRUSES
Reproduction rate of the Pacific walrus [with summary in English]. V. I. Krylov. Zool. zhur. 41 no. 1:115-120 Ja '62.

WAR
"Elimination of wars from the life of human societies" by V. A. Romanov. Reviewed by N. V. Zakharova. Sov. gos. i pravo 32 no. 5:140-141 My '62.

WAR—CASUALTIES (STATISTICS, ETC.)
"Wars and the population of Europe" by B. TS. Urlanis. Reviewed by I. Venetskii, A. Volkov. Vop. ekon. no. 4: 118-121 Ap '62.

WAR—ECONOMIC ASPECTS see subdivision under United States

WAR CRIME TRIALS see subdivision under Estonia

WAR MEMORIALS see subdivision under Ostrova (Czechoslovakia)

WAR MUSEUMS see Military museums

WARFARIN
Analogs of warfarin and their rodenticide properties. T. V. Smirnova and others. Izv. vys. ucheb. zav., khim. i khim. tekh. 5 no. 1:107-111 '62.

WARRANTY
Guarantee papers. V. Zatvornitskii. Stroi. i arkhit. Mosk. 10 no. 11:28-29 N '61.

WARSAW—DESCRIPTION
An encounter in Poland (to be continued). Lev Slavin. Znamia 32 no. 1:176-190 Ja '62.

WASTE HEAT
Experimental grounds for the steam granulation of waste nickel slags utilizing their physical heat for preheating the air blown into stack furnaces. Z. L. Berlin, IU. A. Bykhovskii. TSvet. met. 35 no. 4:28-33 Ap '62.

WASTE PRODUCTS
Utilizing meat and fish refuse for developing farming in northern state farms of Yakutia. V. S. Rybnikov. Trudy IAFAN SSSR. Ser. ekon. no. 3:105-109 '61.

WASTE PRODUCTS—DISINFECTION
Disinfection of hard wastes from therapeutic institutions. A. A. Kirpichnikov, M. A. Shapiro. Gig. i san. 26 no. 6 71-75 My '61

WATER
Ultrasonic method used for determining small amounts of water in methanol. E. V. Khamskii and others. Zav. lab. 28 no. 3:312-313 '62
WATER—ANALYSIS
Determination of low levels of the radioactive contamination of water. V. P. Shvedov and others. Radiokhimiia 4 no. 1 110-115 '62.
Inadequate methods of waste water analysis are retarding the improvement of the sanitary condition of reservoirs. N. Zhakybaev and others. TSvet. met. 35 no. 3:86-87 Mr '62.

WATER—MICROBIOLOGY
Possibility of using specific fluorescent antibodies for the rapid detection of Vibrio cholerae in water [with summary in English]. E. V. Chibilkova and others. Zhur. mikrobiol., epid. i immun. 33 no. 3:9-14 Mr '62
Use of a new type of "microfil" filters for the concentration and indication of bacteria from the air, water and soil. V. V. Vlodavets and others. Gig. san. 27 no. 3 51-55 Mr '62.

WATER—POLLUTION
(see also subdivision under Donets Basin; Finland, Gulf of)
The blue arteries of the country. V. V. Zvonkov. Zdorov'e 8 no. 4:16-18 Ap '62.
The community protects our rivers. G. L. Milovidova. Zdorov'e 8 no. 4 18 Ap '62.
Concerning E. K. Dzhaparidze's article, "Determining small quantities of barium in natural waters and in waters polluted by industrial wastes." V. F. Katsitadze. Gig. i san. 26 no. 5 92 My '61.
Conditions for the discharge of industrial waste containing the flotation reagents' Vetiuzhsky oil and Cheremkhovsky tar [with summary in English]. S. N. Cherkinskii and others. Gig. i san. 26 no. 8,17-23 Ag '61.
Effect of sewage from nylon factories on aquatic organisms [with summary in English]. N. S. Stroganov, L. V. Kolesova. Zool. zhur. 41 no. 1:24-33 Ja '62.
Experimental data for the hygienic permissibility of nitrocyclohexane in water reservoirs [with summary in English]. V. A. Savelova, V. V. Rusakikh. Gig. i san. 26 no. 5,9-14 My '61
Spreading of leptospirosis infection (Pomona type) through reservoir water. I. A. Shifrin, G. A. Fabrikantov, S. P. Lavrinenko. Med. zhur. Uzb. no. 2:43-45 F '62.
Utilization of sodium chloride in soda plants as a measure for reducing the pollution of the northern Donets. A. F. Borlachek. Gig. i san. 26 no. 5, 64-66 My '61.

WATER—PURIFICATION
Purification of lead chloride-containing water with ion exchange resins. I. F. Zemskov, A. S. Stepanov, V. I. Gnezdov. Zhur. prikl. khim. 35 no. 3 674-676 Mr '62.
Water purification through 2-layer [anthracite-quartz] filters. I. I. Belinov. Gig. i san. 26 no. 8:100-102 Ag '61.

WATER—THERMAL PROPERTIES
Thermophysical characteristics of ordinary and heavy water. Energomashinostroenie 8 no. 4,46-48 Ap '62.

WATER, DISTILLED
Improvement in the quality of distilled water intended for drinking purposes. A. N. Masai, E. N. Bellaeva, A. F. Zaitseva. Gig. i san. 26 no. 5,93-95 My '61
Study of the effect of various grades of rubber on liquid medicinal preparations. Part I: Experimental data on the preparation of rubber formulas and study of their effect on distilled water [with summary in English]. V. A. Martynova, A. G. Liukshenkov, G. K. Mel'nikova. Apt. delo 11 no. 1:18-26 Ja-F '62.

WATER, UNDERGROUND
(see also subdivision under Donets Basin; Emba region; Kama Reservoir; Kama Valley, Kamennaya Steppe; Kara Kum; Kazakhstan; Kopet-Dag region; Shakhristan Depression; Siberia, Western; Ukraine; Uluntuy Valley; West Siberian Plain)
Additional prospecting for oil layers by means of hydrodynamic studies (hydrogeological prospecting). I. G. Stepin, G. M. IUdin. Geol. nefti i gaza 6 no. 3,48-49 Mr '62.
Concentration and polarographic determination of extra-small amounts of copper, lead, and zinc in natural waters. S. L. Dobychin, I. A. Kedrinskii. Trudy LTI no. 48;49-55 '58.
Determination of micrograms of lead, copper, and silver in natural waters after concentration by the method of coprecipitation with calcium carbonate. A. D. Miller, R. I. Libina, Z. N. Nazarova. Trudy LTI no. 48;109-113 '58.
Determination of trace elements in natural waters after a preliminary concentration by the method of "sinking particles." V. B. Aleskovskii and others. Trudy LTI no. 48;12-21 '58.
Formation of background and anomalous concentrates of radon in underground waters and their importance for prospecting. V. N. Popov, E. N. Kutsel'. Sov. geol. 5 no. 4:93-99 Ap '62.

WATER, UNDERGROUND (Continued)
Methods of concentrating niobium ions in natural waters. N. A. Tiutina, V. B. Aleskovskii, A. D. Miller. Trudy LTI no. 48:101-108 '58.
Photoelectric method for determining the rate of flow of underground waters toward separate wells. V. D. Kovalenko. Geol. zhur. 22 no. 2:109-111 '62.
"Principles of regional evaluation of the natural underground water resources" by B. I. Kudelin. Reviewed by N. N. Bindeman. Razved. i okh. nedr. 28 no. 4:60-61 Ap '62.
Study of the regime of underground water and determination of the extent of infiltration during the draining of peat deposits by deep channels spaced far apart. E. S. Dzektser. Izv. vys. ucheb. zav., gor. zhur. 5 no. 2:70-74 '62.
Using radioactive isotopes as indicators for studying the dynamics of underground waters. A. A. Abdullaev and others. Uzb. geol. zhur. 6 no. 1:57-61 '62.

WATER, UNDERGROUND—ANALYSIS
Evaluating the hydrochemical conditions of an area in order to interpret anomalies correctly. A. M. Chermiaev. Razved. i okh. nedr. 28 no. 3:36-41 Mr '62.
GKhL-1 semiportable field laboratory (developed by the All-Union Scientific Research Institute of Hydrogeology and Geological Engineering) for hydrochemical prospecting for ore deposits. I. IU. Sokolov. Razved. i okh. nedr. 28 no. 4:44-45 Ap '62.

WATER CHESTNUT see subdivision under Stanislav Province

WATER FLEAS see subdivision under Black Sea; Caspian Sea

WATER IN MINES see Mine water

WATER METABOLISM
Absorptive functions of the digestive apparatus following partial resection of the small intestine. Report No. 1: Water and glucose absorption following resection of the upper or lower half of the small intestine [with summary in English]. L. A. Shchelkun. Biul. eksp. biol. i med. 53 no. 4:61-64 Ap '62.
Disorder of water-mineral metabolism and hemodynamics in acute gastrointestinal diseases in infants and problems in their treatment. N. V. Vanukov. Pediatriia no. 4:28-34 '62.
Some experimental data on the problem of complex reflex regulation of water in the body. B. Kh. Bakhtiozina. Izv. AN Kazakh. SSR Ser. med. i fiziol. no. 1:42-45 '61.

WATER RESOURCES DEVELOPMENT see subdivision under Kazakhstan; Krasnoyarsk Territory

WATER SPORTS see Aquatic sports

WATER SUPPLY see subdivision under Kaunas; Kyzyl Kum

WATER SUPPLY, RURAL
(see also subdivision under Ili District, Virgin Territory)
Cord type water lifting units for water supply from wells in seasonal pastures. A. G. Eremenkov. Vop. gidr. no. 3:112-117 '61.
Sharmanovskii, I. M. [Water supply and sewerage for villages] Vodosnabzhenie i kanalizatsiia poselkov [Moskva] Mosk. rabochii, 1962. 158 p.

WATER-SUPPLY ENGINEERING
Berezhnev, V. I. [Operation of water-supply systems] Ekspluatatsiia vodoprovodnykh setei. Moskva, Izd-vo M-va kommun. khoz., 1961. 101 p.
Combined water intake system of the Fergana type with a bottom rack. R. V. Timtsova. Vop. gidr. no. 3:12-19 '61.
Efficiency of supplying water to compressor stations without using towers. K. Z. Piven'. Stroi. truboprov. 6 no. 11:14-16 N '61.

WATER-SUPPLY ENGINEERING—ELECTRONIC EQUIPMENT
Photoelectric devices in municipal services. V. Dik. Radio no. 4:42-44 Ap '62.

WATER TURBINES see Hydraulic turbines

WATER VAPOR
Regular patterns in the process of formation of solutions of inorganic substances in water vapor. O. I. Martynova, IU. F. Samoilov. Zhur. neorg. khim. 7 no. 4:722-728 Ap '62.
Sorption of water vapors by the Na_2CO_3 - NaOH system. M. I. Kliashtornyi, D. I. Ozherel'ev. Zhur. prikl. khim. 35 no. 3:676-679 Mr '62.

WATTMETER
Compensation induction wattmeter. L. S. Dorofeev. Priborostroenie no. 4:26-28 Ap '62.

WAVE GUIDES
Design of sloping inserts for a rectangular wave guide. E. I. Nefedov. Radiotekh. i elektron. 7 no. 5:801-805 My '62.
Investigation of the discharge caused by a traveling electromagnetic wave. R. A. Demirkhanov and others. Zhur. tekh. fiz. 32 no. 3:313-321 Mr '62.
Theory of a "comb with tapered teeth." E. G. Solov'ev. Radiotekhnika 17 no. 4:34-37 Ap '62.

WAVE MECHANICS
Deceleration of antiprotons in matter [with summary in English]. IU. D. Faveiskii. Zhur. eksp. i teor. fiz. 42 no. 3:799-802 Mr '62.
Demina, N. V., and others. [Nonobservable region in the dispersion relations for photoproduction] O nenabliudaemoi oblasti v dispersionnykh sootnosheniiakh dlia fotorozhdeniia. Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 14 p. [With summary in English]

WAVES
Plane problem of surface waves of a heavy incompressible liquid caused by the vibration of a flexible wall in a channel with finite depth. L. N. Grodko. Inzh. zhur. 1 no. 1:6-10 '61.

WEASELS see subdivision under Kabardino-Balkar A.S.S.R.

WEATHER FORECASTING
Reducing the system of differential equations used in short-term weather forecasting to a system of algebraic equations. I. A. Kibel'. Dokl. AN SSSR 143 no. 6:1336-1339 Ap '62.

WEATHERING
(see also subdivision under Yukspor Mountain)
Effect of time on the stability of the benches and sides of open-pit mines. S. I. Popov, K. I. Dudushkina. Gor. zhur. no. 4:38-40 Ap '62.

WEBER, KARL MARIA, 1786-1826
Karl Maria Weber as music critic. E. Bronfin. Sov. muz. 26 no. 4:66-72 Ap '62.

WEED KILLERS see Herbicides

WEEDS
Chemical control of gramineous weeds. G. A. Chesalin. Agrobiologiia no. 2:273-282 Mr-Ap '62.

WEIGHT LIFTING
Some relationships between the three events in weight lifting. L. A. Loginova. Teor. i prak. fiz. kul't. 25 no. 2:28-31 F '62.
Strength for good deeds. IU. Vlasov. Sov. voin. 44 no. 6:28-30 Mr '62.

WEIGHTS AND MEASURES
International system of measures. Gor. zhur. no. 4:70-71 Ap '62.

WELDING
Centralized feeding of carbon dioxide to welding posts. E. S. Voinov. Svar. proizv. no. 4:36-38 Ap '62.
Characteristics of electron beam heating during welding. N. A. Ol'shanskii. Avtom. svar. 15 no. 5:18-24 My '62.
Make use of the achievements of welding techniques in railroad transportation. B. E. Paton. Zhel. dor. transp. 44 no. 4:8-13 Ap '62.
Organization of welding operations. D. A. Voronkov, V. G. Dolgikh. Energ. stroi. no. 24:86-88 '61.
Orleanskii, IA. P., D. A. Lur'e, and Z. L. Ginzburg. [Automatic plant producing carbon dioxide for welding] Avtomaticheskaia stantsiia vyrabotki uglekislogo gaza dlia svarki. Leningrad, 1961. 28 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serija Svarka, rezka i paika metalla, no. 8)

WELDING—CONGRESSES
Industrial and Technological Conference on the Reconditioning of Worn Parts by Built-Up Welding. V. D. Pisklich, P. P. Rudometkin. Avtom. svar. 15 no. 5:96 My '62.

WELDING—CORROSION
Increasing the corrosion resistance of weld joints of low-carbon and low-alloy steels in an alkali medium. N. A. Langer and others. Avtom. svar. 15 no. 5:36-43 My '62.

WELDING—DEFECTS
Bakshi, O. A. [Stresses and warpage in welding] Napriazheniia i koroblenie pri svarke. Moskva, Mashgiz, 1961. 69 p. (Nauchno-populiarnaia biblioteka rabochego-svarshchika, no. 4)
Crystallization cracks in weld joints made in AMg6 alloy containers. IU. A. Lavrenov. Svar. proizv. no. 4:35-36 Ap '62.
Effect of the composition and structure of chromium-nickel steels and alloys on the formation of hot cracks in the weld zone. IU. V. Sokolov and others. Svar. proizv. no. 4:12-17 Ap '62.
Formation of hot cracks in the weld zone during welding. B. F. IAkushin. Svar. proizv. no. 4:21-23 Ap '62.
Intergranular weld zone cracks during the welding of austenitic steels and alloys. B. I. Medovar and others. Svar. proizv. no. 4:17-21 Ap '62.
Interrelationship of physical heterogeneity and cracks in welded joints. B. A. Movchan. Svar. proizv. no. 4:6-8 Ap '62.
Ultrasonic method of investigating conditions for formation of hot cracks during welding. S. M. Gurevich, I. I. Kotskii. Svar. proizv. no. 4:32-34 Ap '62.

WELDING—EQUIPMENT AND SUPPLIES
Change in the design of a welding clamp. [illegible]. Avtom. i telem. i svyaz' 6 no. 4:30 Ap '62.
Welding equipment at the Exhibition of the Achievements of the National Economy of the U.S.S.R. [illegible]. Khanapetov. Svar. proizv. no. 4:39-41 Ap '62.

WELDING—TESTING
Asnis, A. E. [Dynamic strength of weld joints in carbon and low-alloy steel] Dinamicheskaia prochnost' svarnykh soedinenii iz malouglerodistoi i nizkolegirovannykh stalei. Moskva, Mashgiz, 1962. 140 p.
Comparing certain methods for the evaluation of the mechanical strength of aluminum alloys. G. M. IAkushina, O. V. Moshkova, N. I. [illegible]. Svar. proizv. no. 4:23-26 Ap '62.

WELDING RESEARCH
Calculation of weld stress and deformation. [illegible]. Trudy NII proizvodstv. i sootv. no. 5:144-151 '61.
In the Coordinating Council on Welding. Avtom. svar. 15 no. 5:95 My '62.
Office of the Coordinating Council on Welding. Avtom. svar. 15 no. 5:91 My '62.

WELLS, HERBERT GEORGE, 1866-1946
"Forgotten page." A. Churkin. Neva no. 8:[illegible].

WEST GERMANY see Germany, West

WEST KAZAKHSTAN PROVINCE—PUBLIC HEALTH
Data on the history of public health organization in western Kazakhstan during the period of [illegible]. N. F. Kramchaninov. Izv. AN Kazakh. SSR. Ser. fiziol. no. 2:80-85 '61.

WEST KAZAKHSTAN PROVINCE—SUSLIKS
Insect associations of the nest of the lesser suslik (Citellus pygmaeus Pall) in West Kazakhstan [with summary in English]. T. N. Nel'zina. Zool. zhur. 41 no. 2:217-220 F '62.

WEST KAZAKHSTAN PROVINCE—WINDBREAKS, SHELTERBELTS, ETC.
Root systems of some tree and bush species in protective plantations of western Kazakhstan. M. V. Nadezhdina, V. D. Filimonova. [illegible]. drev. 50:137-145 '61.

WEST SIBERIAN PLAIN—GEOLOGY, STRATIGRAPHY
Continental Paleogene and Neogene sediments in southern part of the West Siberian Plain. [illegible]. Sov. geol. 5 no. 4:122-127 Ap '62.
Paleozoic and Mesozoic stratigraphy of the [illegible] part of the West Siberian Plain. [illegible]. Reznapov. Trudy SNIIGGIMS no. 2:49-[illegible].

WEST SIBERIAN PLAIN—GEOLOGY, STRUCTURE
Structure of local uplifts in the Mesozoic [illegible] of the West Siberian Plain. [illegible]. GGIMS no. 1,5-10 '59.
Structure of the folded basement of the West [illegible] Plain. N. N. Rostovtsev, T. N. Simonenko [illegible] tsev. Trudy SNIIGGIMS no. 1:11-17 '59.

WEST SIBERIAN PLAIN—GLAUCONITE
Tertiary and Upper Cretaceous glauconite from the southeastern part of the West Siberian [illegible]. Gurova. Trudy SNIIGGIMS no. 1:64-[illegible].

WEST SIBERIAN PLAIN—GRAVITY
Barometric leveling in regional gravity [illegible]. Butnkov. Trudy SNIIGGIMS no. 1:166-[illegible].

WEST SIBERIAN PLAIN—ILMENITE
Microconcentrate method of the preliminary [illegible] ation of ilmenite-bearing Cretaceous [illegible] iments of the West Siberian Plain. N. M. [illegible]. SNIIGGIMS no. 1:98-99 '59.

WEST SIBERIAN PLAIN—MINERALS
Recent data, based on material from the [illegible] Lar'yak key wells, on newly formed mineral [illegible] ozoic and Paleozoic rocks of the southeastern part of the Siberian Plain. G. N. Perozio. Trudy [illegible] no. 1:87-97 '59.

WEST SIBERIAN PLAIN—OIL SANDS—ANALYSIS
Regularities in changes in the oxygen state of Mesozoic and Cenozoic sediments of the eastern part of the West Siberian Plain. K. A. Chernikov, N. F. Zaplatina. Trudy SNIIGGIMS no. 1:100-105 '59.

WEST SIBERIAN PLAIN—PALYNOLOGY
Leningrad. Vsesoiuznyi neftianoi nauchno-issledovatel'skii geologorazvedochnyi institut. [Pollen and spores of Western Siberia; Jurassic and Paleocene] Pyl'tsa i spory Zapadnoi Sibiri; IUra-paleotsen. Leningrad, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi [illegible] Leningr. otd-nie, 1961. 667 p. (Trudy, 60 [illegible])

WEST SIBERIAN PLAIN—WATER, UNDERGROUND

Practical use of underground waters of Mesozoic sediments of the West Siberian Plain. S. V. Igorov. Trudy SNIIGGiMS no. 1:120-125 '59.

Study of underground waters of the West Siberian Plain based on deep-drilling data. O. V. Ravdonikas, A. A. Rozin, N. N. Rostovtsev. Trudy SNIIGGIMS no. 1:106-119 '59.

WESTERN EUROPE see Europe, Western

WESTERN SAMOA—POLITICS AND GOVERNMENT

Western Samoa. N. A. Butinov, D. D. Tumarkin. Sovetsk. no. 2:98-109 Mr-Ap '62.

WESTERN SAMOA—SOCIAL LIFE AND CUSTOMS

Western Samoa. N. A. Butinov, D. D. Tumarkin. Sovetsk. no. 2:98-109 Mr-Ap '62.

WESTERN SIBERIA see Siberia, Western

WETTING

Problems in the thermodynamics of wetting. O. D. Kuriienko, F. D. Ovcharenko, E. A. Akovkina. Izv. vys. ucheb. zav., khim. i khim. tekh. 5 no. 1:87-90 '62.

WHALERS

Tank vessels are on the way to join the whaler fleet. Mor. flot 22 no. 2:47-48 F '62.

Whaler "Sovetskaia Rossiia." L. M. Rystrevskii. Sudostroenie 28 no. 3:74-75 Mr '62.

WHALES

Key to a biological riddle, a whale at the depth of 2000 meters. A. V. Ablokov. Priroda 51 no. 4:95-98 Ap '62.

Tasty whale meat dishes. Z. Logvinenko. Obshchestv. pit. no. 1:37 Ja '62.

WHEAT see subdivision under Ural Mountain region

WHEAT—DISEASES AND PESTS

(see also subdivision under Virgin Territory)

Effect of mineral fertilizers on the susceptibility of winter wheats to common bunt. N. S. Efimova. Trudy AZVI 9:116-118 '56.

WHEAT—FROST RESISTANCE see subdivision under Caucasus, Northern; Krasnodar Territory

WHEAT—VARIETIES

Characteristics of the durum winter wheat obtained from spring wheat by conditioning. V. Z. Sergeev. Agrobiologiia no. 2:177-183 Mr-Ap '62.

Thinking about tomorrow. M. Popovskii. Kul't. i zhizn' 6 no. 2:8-10 '62.

WHEAT AS FEED

Feeding defective wheat to animals. I. A. Kurmanov. Veterinariia 37 no. 12:71-73 D '60.

WHEAT BREEDING

Development of wheat hybrids by using certain varieties for additional pollination [with summary in English]. M. I. Khudiak. Ukr. bot. zhur. 19 no. 1:21-30 '62.

Effect of additional pollination with foreign pollen on the variability of wheat. Z. V. Abramova. Agrobiologiia no. 2:199-204 Mr-Ap '62.

Selecting pairs in breeding winter wheat for winter hardiness by the method of hybridization. A. A. Horiach. Visnyk sil'hosp. nauky 5 no. 3:20-23 Mr '62.

WHITE CLOVER see subdivision under Estonia

WHITE DIARRHEA see Pullorum disease

WHITE RUSSIA—ADMINISTRATIVE REMEDIES

We should strictly control the examination of workers' complaints. Sov. deput. trud. no. 4:101-102 Ap '62.

WHITE RUSSIA—AGRICULTURAL POLICY

A sector of the foremost importance. Komm. Bel. 36 no. 4:8-12 Ap '62.

WHITE RUSSIA—AGRICULTURE

From grassland farming to row crop rotation. S. Skoropanov. Komm. Bel. 36 no. 4:18-23 Ap '62.

WHITE RUSSIA—AGRICULTURE—STUDY AND TEACHING

Practice training in agriculture. L. Barabanova. Prof.-tekh. obr. 19 no. 3:10-11 Mr '62.

WHITE RUSSIA—BOTANY—TERMINOLOGY

Specification of some controversial terms of White Russian flora. A. I. Kisialeuski. Vestsi AN BSSR. Ser. hram. nav. no. 1:128-133 '62.

WHITE RUSSIA—CLOTHING INDUSTRY

Elimination of red tape is the principal condition for the specialization of clothing industry enterprises in White Russia. L. T. Savel'ev. Shvein. prom. no. 1:6-8 Ja-F '62.

WHITE RUSSIA—COMMUNIST PARTY OF THE SOVIET UNION

Silivanchik, P. P. [Work of the Communist Party of White Russia in carrying out a cultural revolution in the Republic, 1918-1937] Deiatel'nost' Kommunisticheskoi partii Belorussii po osushchestvleniiu kul'turnoi revoliutsii v respublike, 1918-1937 gg. Nauch. red. K. P. Buslov. Minsk, Izd-vo Belgosuniv., 1961. 233 p. (MH)

WHITE RUSSIA—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

A little about everything. Komm. Bel. 36 no. 4:79-80 Ap '62.

WHITE RUSSIA—CONSTRUCTION INDUSTRY

You can see the lights of Bereza. S. Pandzitnikau. Belarus' 19 no. 4:1-2 Ap '62.

WHITE RUSSIA—CORN (MAIZE)

A rural "academician." Mikola Serhievich. Belarus' 19 no. 4:12-15 Ap '62.

We should encourage the cultivation of corn. N. Barysevich. Nar. asv. no. 3:75-80 Mr '62.

WHITE RUSSIA—DESCRIPTION AND TRAVEL

[White Russia as seen by foreign visitors] Belorussiia - glazami zarubezhnykh gostei. Minsk, Gos. izd-vo BSSR, 1960. 74 p.
(CSt-H)

WHITE RUSSIA—ECONOMIC CONDITIONS

Along Lenin's road. Komm. Bel. 36 no. 4:3-7 Ap '62.

Happy holidays! Rab. i sial. 38 no. 1:1 Ap '62.

WHITE RUSSIA—ECONOMIC ZONING

Types and sizes of the primary administrative economic regions of the White Russian S.S.R. A. G. Lis. Och. po sovr. sov. i zarub. ekon. no. 2:205-216 '61.

WHITE RUSSIA—EDUCATION, ELEMENTARY

We should improve elementary education. Nar. asv. no. 3:1-10 Mr '62.

WHITE RUSSIA—EFFICIENCY, INDUSTRIAL

We should learn how to work and live in a communist way. A. Obukhovich. Komm. Bel. 36 no. 4:63-67 Ap '62.

WHITE RUSSIA—EVENING AND CONTINUATION SCHOOLS

Work with a future. A. Akubenko. Prof.-tekh. obr. 19 no. 4:19-20 Ap '62.

WHITE RUSSIA—FERTILIZERS AND MANURES

Manufacture and use of peat-mineral-ammonium fertilizers in the White Russian S. S. R. during 1961. G. D. Gorbulovich, B. D. Paremskii, A. I. Tarnovskii. Torf. prom. 39 no. 3:31-34 '62.

WHITE RUSSIA—KINDERGARTEN

Brief news. Nar. asv. no. 3:90-91 Mr '62.

WHITE RUSSIA—LAND TENURE

Agrarian policy of the Communist Party of the "Republic of Lithuania and White Russia." E. N. Shklar. Vop. ist. KPSS 6 no. 2:106-117 '62.

WHITE RUSSIA—MICROSPORIDIA

Microsporidia infection (plistophorosis) of pond carp (Plistophora cyprini). Kh. S. Goregliad. Dokl. AN BSSR 6 no. 4:270-271 Ap '62.

WHITE RUSSIA—MOTION PICTURES

White Russian motion pictures and our time. F. Bondareva. Komm. Bel. 36 no. 4:53-57 Ap '62.

WHITE RUSSIA—PATRIOTISM

Patriotic ideas in Soviet White Russian folklore. M. S. Malochka. Vestsi AN BSSR. Ser. hram. nav. no. 1:104-115 '62.

WHITE RUSSIA—PEASANT UPRISINGS

How the White Russian masses struggled for their social and national liberation in the 18th century. V. M. Hortsau. Vestsi AN BSSR. Ser. hram. nav. no. 1:68-77 '62.

WHITE RUSSIA—PEAT—TRANSPORTATION

Peat transportation in the White Russian S. S. R. and problems of increasing its efficiency. I. IA. Golovanchikov. Torf. prom. 39 no. 3:17-21 '62.

WHITE RUSSIA—PEAT INDUSTRY—HYGIENIC ASPECTS

Sanitary aspects of work at the "USIAZH" peat briquetting plant. V. S. Shadurskaia. Gig. truda i prof. zab. 4 no. 6:43-45 Je '60.

WHITE RUSSIA—PEAT MACHINERY

Proposals of the efficiency promoters of the "Vasilevich II" enterprise of the Economic Council of White Russia. Torf. prom. 39 no. 3:28-30 '62.

WHITE RUSSIA—PIONEERS (COMMUNIST YOUTH)

Brief news. Nar. asv. no. 3:90-91 Mr '62.

WHITE RUSSIA—POLITICS AND GOVERNMENT

Forms and methods of governmental control in the White Russian S. S. R. in the early phase of Soviet rule, 1918-1920. M. I. Zlotnik. Vestsi AN BSSR. Ser. hram. nav. no. 1:54-65 '62.

WHITE RUSSIA—REFORMATION

History of a radical religious movement in White Russia and Lithuania in the second half of the 16th century. S. A. Padokshyn. Vestsi AN BSSR. Ser. hram. nav. no. 1:78-89 '62.

WHITE RUSSIA—RELATIONS (GENERAL) WITH FOREIGN COUNTRIES

[White Russia as seen by foreign visitors] Belorussiia - glazami zarubezhnykh gostei. Minsk, Gos. izd-vo BSSR, 1960. 74 p.
(CSt-H)

WHITE RUSSIA—REVOLUTION, 1917-1921

"Collected documents and source materials relating to revolutionary committees in the White Russian S. S. R., November 1918-July 1920." Reviewed by P. Petrikov. Komm. Bel. 36 no. 4:68-70 Ap '62.

WHITE RUSSIA—RURAL CONDITIONS

We are glad to be with you, dear villagers of Lavrishevo. Alena Vashevich. Rab. i sial. 38 no. 1:2-4 Ja '62.

WHITE RUSSIA—SATIRE

In the line of fire. A. Vikhrev. Sov. pech. no. 3:14-15 Mr '62.

WHITE RUSSIA—SPRING

Now there is springtime. A. Kurakou. Belarus' 19 no. 4:31 Ap '62.

WHITE RUSSIA—STUDENTS, CUBAN

Cuba, our beautiful Cuba. Marta del Pilar Sa Leal. Rab. i sial. 38 no. 4:11 Ap '62.

WHITE RUSSIA—WORLD WAR, 1939-1945

Matan'in, K. A. [Defeat of the enemy in White Russia in 1944] Razgrom vraga v Belorussii, 1944 god. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 133 p.

WHITE RUSSIAN ACTRESSES see Actresses, White Russian

WHITE RUSSIAN FOLKLORE see Folklore, White Russian

WHITE RUSSIAN LANGUAGE

Basic forms of the Old White Russian literary language. A. I. Zhurauski. Pratsy Inst. mov. AN BSSR no. 8:106-116 '61.

WHITE RUSSIAN LANGUAGE—ADJECTIVE

The degrees of comparison of descriptive adjectives. A. R. Murashka. Pratsy Inst. mov. AN BSSR no. 8:206-212 '61.

WHITE RUSSIAN LANGUAGE—AFFIXES

History of the nouns with suffixes ending in "-izna" (-ehizna, "-shchizna") in the White Russian language. M. R. Bulakhau. Pratsy Inst. mov. AN BSSR no. 8:117-123 '61.

WHITE RUSSIAN LANGUAGE—COMPOUND WORDS

Compound nouns of the "noun + noun" form. Z. F. Krauchanka. Pratsy Inst. mov. AN BSSR no. 8:124-136 '61.

WHITE RUSSIAN LANGUAGE—DIALECTS

Morphological characteristics of the White Russian dialects in the Zel'va District of Grodno Province. P. U. Stetsko. Pratsy Inst. mov. AN BSSR no. 8:159-177 '61.

Special linguistic features of the central White Russian dialects. IU. F. Matskevich. Pratsy Inst. mov. AN BSSR no. 8:143-158 '61.

WHITE RUSSIAN LANGUAGE—NOUN

The nouns ending in "-stvo" ("-stva") which denote the assemblage of persons or things in the White Russian language. M. A. Paulenka. Pratsy Inst. mov. AN BSSR no. 8:137-142 '61.

WHITE RUSSIAN LANGUAGE—SENTENCES

Classification and syntactic characteristics of the compound sentences which clauses supplement or interpret each other. L. I. Burak. Pratsy Inst. mov. AN BSSR no. 8:178-189 '61.

Complex sentences with additional subordinate clauses in the dialects of southwestern White Russia. A. IA. Bakhan'kou. Pratsy Inst. mov. AN BSSR no. 8:190-205 '61.

WHITE RUSSIAN LANGUAGE—STUDY AND TEACHING

Some results of an inspection. I. Hintaut, M. Kastsian. Nar. asv. no. 3:26-31 Mr '62.

WHITE RUSSIAN LANGUAGE—TERMS AND PHRASES

How to use the noun phrases with adverbs. A. I. Narkevich. Pratsy Inst. mov. AN BSSR no. 8:3-17 '61.

WHITE RUSSIAN LANGUAGE—VERB

Disintegration of the unproductive classes of verbs in the present-day White Russian language. P. P Shuba Pratsy Inst. mov. AN BSSR no. 8 226-233 '61.

Verbs with two prefixes in the present-day White Russian language. I M Haidukevich Pratsy Inst. mov AN BSSR no. 8.213-225 '61

WHITE RUSSIAN LANGUAGE—WORD FORMATION

Formation of words used in everyday life in the dialects of Zel'va District in Grodno Province P Stetsko Vestsi AN BSSR, Ser hram. nav no 1:116-127 '62

Vocabulary and the ways of formation of White Russian botanical terms. A I Kislaleuski. Pratsy Inst mov. AN BSSR no. 8.234-247 '61.

WHITE RUSSIAN NEWSPAPERS

Collective propagandist, agitator, and organizer S Martselev. Komm. Bel. 36 no 4,47-52 Ap '62.

WHITE RUSSIAN PERIODICALS

They should give more to their readers. S. Zhvirblia, V. Maevskii. Komm Bel. 36 no 4;71-75 Ap '62.

WHITE RUSSIAN POETRY—COLLECTIONS

"Anthology of White Russian poetry " Reviewed by V. Burnosau Belarus' 16 no. 4;22 Ap '62

WHITE RUSSIAN WIT AND HUMOR

"Folk humor " Reviewed by I. TSIshchanka Belarus' 19 no 4,29 Ap '62

WHITE SEA—POLYCHAETA

Polychaeta of the White Sea [with summary in English]. L. A. Kuderskii. Zool. zhur. 41 no. 1 629-631 Ap '62.

WHOLESALE TRADE see subdivision under Stavropol Territory

WHOLESALE TRADE—STATISTICS

Statistics. Sov. torg. 35 no. 4:58-63 Ap '62.

WHOOPING COUGH

Dynamics of the allergic skin test in whooping cough [with summary in English] I V. Diadiunova. Zhur. mikrobiol., epid i immun. 33 no. 3 27-32 Mr '62

Immunological indications in the descendants of animals immunized with whooping cough vaccine V I. Pisarenko, V. Z Elfimova. Zdrav Tadzh 9 no 1 32-35 Ja-F '62

WILD OATS see subdivision under Altai Territory

WILNO see Vilnius

WIND POWER

Repetitive wind velocities in Azerbaijan. V. I. Eskman, Z. G. Aliev. Izv. AN Azerb. SSR, Ser fiz. -mat. i tekh nauk no. 6;89-101 '61.

WIND PRESSURE

Determining forces in mooring ropes and bridles under the dynamic effect of wind and waves. I. N. Davydov. Sudostroenie 28 no 4 17-19 Ap '62

WINDBREAKS, SHELTERBELTS, ETC.
(see also subdivision under Khabarovsk Territory; West Kazakhstan Province)

New machinery for the care and maintenance of plantations S. T. Shtepa. Put' i put. khoz. 6 no. 5;32-33 '62.

Problems of using box elder in shelterbelt afforestation, greenbelts, and parks S. S. Golubinskii Trudy TSSBS no. 4;29-30 '60.

Spot seeding of oak in shelterbelts at the experimental farm of the Kuybyshev Institute of Agriculture G P. [illegible] tologiia no 2:253-267 Mr-Ap '62

[illegible]nes.

WINDS
(see also subdivision under Azerbaijan)

Wind velocity calculation near the ground in the study of sand transportation N IA. Miagkov Izv AN Turk. SSR, Ser fiz -tekh , khim i geol nauk no 2:111-115 '62

WINE AND WINE MAKING
(see also subdivision under Armenia)

Alekseev, P. A., and N. A. Moiseeva. [Use of refrigeration in the manufacture of grape wine and concentrated juices] Primenenie kholoda v proizvodstve vinogradnykh vin i kontsentrirovannykh sokov. Moskva, Gostorgizdat, 1962. 47 p. (Obzor zarubezhnoi khlodil'noi tekhniki)

Amount of methyl alcohol in wines L S Feklisova, A. S Kolbasina. Gig i san. 26 no. 5 109-112 My '61

WINTER WARFARE

"Combat operations in winter" by I A Degtiarev. Reviewed by L IUr'ev. Starsh -serzh. no 2 20 F '62

WIRE BROADCASTING

Automatically controlled E-3R and E-7R diesel-generator units for wire-broadcasting stations. P A Sul'g. Vest. sviazi 22 no. 4,10-12 Ap '62.

WIRE DRAWING see subdivision under Germany, West

WIRE FENCING

Wide selection of twisted wire fencing. A S Sbitnev Biul. TSIICHM no. 9,49-50 '60.

WIRE ROPE

Practice of using excavator cables in pits of the Vakhrushevugol' Trust. B I. Panev, S I Mikhailovskii Izv vys ucheb zav , gor. zhur 5 no 2 140-148 '62

Static strain on the strands of mine hoisting ropes. V.I. Kiselev, I. N. Pochepaev. Izv. vys. ucheb. zav., gor. zhur., 5 no. 1 170-178 '62.

WIRE-ROPE TRANSPORTATION see Cableways

WIRE-TAPPING see subdivision under United States

WITTIG REACTION

Hexafluoroacetone in the Wittig reaction. V. F. Plakhova, N. P. Gambaryan. Izv. AN SSSR. Otd. khim. nauk no. 4, 681-684 Ap '62

WOMEN
(see also subdivision under Latvia)

Soviet women. Zdorov'e 8 no. 3 1 Mr '62.

WOMEN—EMPLOYMENT
(see also subdivision under Moscow)

For the sake of happiness on earth. Valentina Gaganova Znamia 32 no. 1;152-155 Ja '62.

Left side of "equality." E Korshunova. Okhr. truda i sots. strakh. 5 no 3 45-47 Mr '62.

Man is friend, comrade, and brother to man. Rab. i sial. 38 no. 1;2 of cover Ja '62.

People who serve you. M. Bury. Belarus' 19 no 4-18-19 Ap '62

WOMEN—HEALTH AND HYGIENE

"To women about health" by R. R. Makarov. Reviewed by M. M. Shening-Parshina Feld. i akush 27 no. 3;60-61 Mr '62.

Tomaskova, Jana. [Health and beauty care. Translated from the Czech] Zabota o zdorov'e i krasote. Prague, Izd-vo "Pratse," 1961. 116 p.

WOMEN—PHYSICAL EDUCATION see Physical education for women

WOMEN—RIGHTS OF WOMEN

Left side of "equality " E Korshunova. Okhr. truda i sots. strakh. 5 no. 3.45-47 Mr '62.

WOMEN AS FARMERS
(see also subdivision under Daghestan)

An efficient group leader. A. Balash. Rab. i sial. 38 no. 4;6-7 Ap '62.

WOMEN AS FOREST RANGERS

A forest ranger. Ema Lukanskaia. Rab. i sial. 38 no. 1;12-13 Ja '62.

WOMEN AS LAWYERS

Soviet women lawyers are the noble builders of communism. Sov iust. no. 5;1-2 Mr '62.

WOMEN AS TEACHERS
(see also subdivision under Logoysk District)

Closer to life. E. Zakharova Nach. shkola 30 no. 5-33-34 My '62.

She works creatively. P. I. Skliarov. Nach. shkola 30 no. 5;28-29 My '62.

Small school in Rovno. G I. Mikheev. Nach shkola 30 no. 5.32-33 My '62.

Talented pedagogue. T. Pokatilov. Nach shkola 30 no. 5 30-31 My '62.

Talking with the little ones about big things. A. L. Potapov. Nach. shkola 30 no. 5.27-28 My '62.

WOMEN IN AERONAUTICS

Record of Svetlana Vlasova [illegible] '62

WOMEN IN PUBLIC LIFE
(see also subdivision under Tambov [illegible])

Not resentment but worry. [illegible] soiuzy 18 no 2;13 Ja '62

WOMEN'S UNDERWEAR see Lingerie

WOOD

Physicomechanical properties of [illegible] forests of the Kaliiva Forest [illegible] Province. M.G.Shimarev. [illegible] zhur. 4 no.6;165-166 '61

WOOD—CHEMISTRY

Differentiated wood hydrolysis by [illegible] chloric acid in the diffusion batter[illegible] others. Izv.vys.ucheb.zav. [illegible] 116 '61.

Ripe aspen wood. G. V. Klar [illegible] 50,172-174 '61

WOOD—DRYING

Preservation and natural drying of [illegible] pregnation plants A. M. Ha[illegible] no 2:1 4-44 '62

WOOD—PRESERVATION

Koperin, F. I. [Prevention of decay in [illegible] drevesiny ot gnieniia. [Arkhangel'sk] knizhnoe izd-vo, 1961. 100 p.

Methods of oil impregnation of fir, [illegible] with preliminary puncturing. V. V. [illegible] montova, T. V. Neznaev. Trudy [illegible] 58-104 '62

WOOD—TESTING

Determining stresses in wood samples [illegible] bending. A. A. Pozdniakov. Izv. vys. [illegible] zhur. 1 no. 6;105-111 '61.

Quality coefficients of aspen wood [illegible] conditions. G. V. Klar Trudy In[illegible] 168-171 '61

Wood strength in connection with var[illegible] N. I. Leont'ev Der. promy [illegible]

WOOD, COMPRESSED

Sidorenko, A. K. [Compressed wood [illegible] and plastics; from the experience of the [illegible] Maintenance and Service Base for the [illegible] Preasovannaia drevesina vmesto metal[illegible] iz opyta Dnepropetrovskoi remontno [illegible] bazy flota. Dnepropetrovsk, Sovet[illegible] Dnepropetrovskogo ekon. administrativ[illegible] 1961. 31 p.

Technological processes for manufac[illegible] of compressed wood. B. V. Kond[illegible] Mashinostroenie no. 2;67-69 Mr-Ap '62

WOOD CARVING

Popular wooden carved calendars. [illegible] Sbor. muz. ant. i etn. 20:64-117 '61

WOOD-DECAYING FUNGI

Kinds of rot in wood and stipes of [illegible] Shemiakin Nauch. zap. VI.TI [illegible]

WOOD DISTILLATION

Investigating the thermal conditions [illegible] and dry distillation in the gasificati[illegible] S. I. Golovkov. Trudy TSNIIME [illegible]

Obtaining furfural in the prepyrol[illegible] No. 1. A. K. Slavianskii, B. I. Mi[illegible] lova. Izv. vys. ucheb. zav.; les. zh[illegible] '61.

WOOD PRESERVATIVES—SAFETY MEASURES

Special clothing for protection against [illegible] servative oils. S. O. Raikhman Tr[illegible] no. 224:105-109 '62.

WOOD TAR

Products of cleavage of phenol [illegible] sodium in liquid ammonia. A Kiniki[illegible] Zhur. prikl. khim. 35 no. 3;648 [illegible]

WOOD-USING INDUSTRIES

Averbukh, A. IA. [This is made from [illegible] drevesiny. Moskva, Izd-vo "Znanie," [illegible] (Novoe v zhizni, nauke, tekhnike. IV [illegible] no. 3)

[MICROFILMED]

WOOD-USING INDUSTRIES—BIBLIOGRAPHY

Biography—Wood-using industries

WOOD WASTE

Investigating the thermal conditions [illegible] and dry distillation in the gasificatio[illegible] S. I. Golovkov. Trudy TSNIIME no [illegible]

Selecting an optimal design for the use [illegible] power production and chemical prod[illegible] S. I. Golovkov. Trudy TSNIIME no [illegible]

WOODPULP

Sergeeva, A. S. [Technological inspection and control of woodpulp and paper manufacture] Tekhnologicheskii kontrol' tsellulozno-bumazhnogo proizvodstva. Moskva, Goslesbumizdat, 1961. 250 p.

WOODPULP INDUSTRY—COSTS

Classifying production expenditures and calculating costs A. Chirkov Bukhg. uchet 10 no 4 32-37 Ap '62.

WOODPULP INDUSTRY—EQUIPMENT AND SUPPLIES

[Equipment and technology of the printing industry] Ref. zhur. Otd. vyp. 37: Obr. i tekh. poligr. proizv. nos. 7-8 Ap '62.

WOODWORK
(see also subdivision under Estonia)

Technological processes for manufacturing machine parts of compressed wood. B. V. Kondrat'ev, A. S. Rozzuvaev. Mashinostroenie no. 2:87-89 Mr-Ap '62.

WOODWORKING INDUSTRIES see subdivision under Stanislav Economic region

WOODWORKING INDUSTRIES—BIBLIOGRAPHY see Bibliography—Woodworking industries

WOODWORKING MACHINERY
(see also subdivision under Germany, East; Germany, West; Sweden)

Automatic device for the inspection and sorting of parquet floor boards A. I. Isakov, A. P. Poznaev Der. prom. 11 no 4 6-8 Ap '62

Designs of hard alloy wood-cutting tools A. F. IAnishevskii Der prom 11 no. 4.3-6 Ap '62.

Experimental unit for studying wood cutting with the clamp. V. I. Liubchenko. Izv. vys. ucheb. zav.: les. zhur. 4 no. 6.100-105 '61.

Magazine feeder for multiple saw units. V. S. Ruchkin Der. prom 11 no. 4 21 Ap '62.

Sheinov, I. I. [Assembly, installation, operation and maintenance of woodworking equipment] Montazh, ekspluatatsiia i remont derevoobrabatyvaiushchego oborudovaniia. Moskva, Goslesbumizdat, 1961. 322 p.

Three-spindle wood milling machine for cutting mortises IU. M Demidov Der. prom 11 no 4 23-24 Ap '62

WOODY PLANTS
(see also subdivision under Yalta)

Changes in woody vegetation on Crimean mountain pastures in the postglacial period [with summary in English]. N. V Leoncheva Trudy GNBS 32 107-113 '60

Water-holding capacity of leaves as an adaptation indice in the introduction of trees and shrubs on the southern coast of Crimea [with summary in English]. A. M. Kormilitsyn, N. G. Marchenko Trudy GNBS 32:55-60 '60.

WOODY PLANTS—PHYSIOLOGY

Akademiia nauk SSSR, Laboratoriia lesovedeniia. [Physiology of woody plants; on the 90th birthday anniversary of L. A. Ivanov, Corresponding Member of the Academy of Sciences of the U. S. S. R.] Fiziologiia drevesnykh rastenii; k 90-letiiu so dnia rozhdeniia chlena-korrespondenta Akademii nauk SSSR L. A. Ivanova. Moskva, Izd-vo Aknd. nauk SSSR, 1962. 294 p.

WOOL

Let's improve organization of wood procurements. V. Kuz'menko. Sov. potreb. koop. 6 no. 4:42-44 Ap '62.

Role of vitamins A and C in increasing the quality and quantity of wool in sheep. V. T. Krikavtsov. Trudy AZVI 9:71-76 '56.

WORK

Cybernetics and problems concerning the psychology of work [with summary in English, pp. 183-184]. L. B. Itel'son. Vop. filos. 16 no. 4:32-46 '62.

Glezerman, G. E. [Communism and labor] Kommunizm i trud. Moskva, Gospolitizdat, 1961. 61 p. (Bibliotechka znanii o kommunizme)
(MH)

The nature and special features of social differences between intellectual and manual work under socialism. IA. Kh. Kapitalian. Vestsi AN BSSR. Ser. hram nav. no. 1:5-16 '62.

Overcoming fundamental differences between intellectual and manual work during the large-scale building of communism. M. Sverdlov. Komm. Mold. 7 no. 3:52-56 Mr '62.

Talks on the communist attitude toward work. S. A. Abdullina. Nach. shkola 30 no. 5 76-78 My '62.

Work enobles man. IUr. Zubkov. Agitator no. 10:7-11 My '62.

WORK FUNCTION (PHYSICS)

Work function of tungsten carbide. IU. V. Zubenko, I. L. Sokol'skaia. Zhur. tekh. fiz. 32 no. 3:378-380 Mr '62

WORKS COUNCILS see subdivision under Alma-Ata

WORKSHOPS—EQUIPMENT AND SUPPLIES

Device for finishing long parts. L. Antonov. Shkola i proizv. 6 no. 3:91-93 Mr '62.

WORLD HISTORY

Objectives of scholarly research in the field of world history and the decisions of the 22d Congress of the CPSU [with summary in English, p. 181]. N. I. Samoilovkov. Nov. i noveish. ist. no. 2 3-14 '62.

WORLD POLITICS

"Against the ideology of present-day colonialism" by K N Brudents. Book review Moskva 6 no. 1 213 '62

"Articles and speeches on the problem of international politics" by G V. Chicherin. Reviewed by I. Ermashev Novyi mir 38 no 1:267-271 Ja '62

Brief notes on international events. Nov vrem 20 no 19.32 My '62.

Brief notes on international events. Nov. vrem. 20 no. 23:32 Je '62.

Disintegration of the colonial system and bankruptcy of the socialist reformist international [with summary in English, p. 264] E. A Gnedin. Nar. Azii i Afr no 2 71-81 '62.

Don't defend yourself by shooting! L. Sedin. Starsh. -serzh. no 1-22-23 Ja '62.

Holmston-Smyslovskii. [Selected articles and speeches] Izbrannye stat'i i rechi. Buenos Aires, Rossiiskoe voenno-natsional'noe osvoboditel'noe dvizhenie im gen. A. V. Suvorova, 1953 224 p.
(NNC)

International life. Nov. vrem. 20 no. 19:24-26 My '62.

International life. Nov. vrem. 20 no. 23 22-24 Je '62.

Ivanov, IU. I. [Basic question of our time; the 22d Congress of the CPSU on the problem of war and peace] Osnovnoi vopros sovremennosti; XXII s"ezd KPSS o probleme voiny i mira. Moskva, Izd-vo "Znanie," 1962. 30 p. (Novoe v zhizni, nauke, tekhnike. Seriia 7: Mezhdunarodnaia, no. 6)

Let us keep the sky clear forever E. Shulikin Sov profsoiuzy 18 no. 8.40-41 '62

The march of history; political maps of 1914, 1938, and 1951. Mezhdunar. zhizn' 9 no. 5 137-143 My '62

"Soviet Union at the center of world politics" by Reinhold Swento. Reviewed by V. Khatuntsev. Kul't. i zhizn' 6 no. 2:43-44 '62.

WORLD WAR, 1939-1945
(see also subdivision under Black Sea region, Caucasus, Northern; Crimea; Czechoslovakia; Donets Basin; France; Germany; Hungary; Kaliningrad; Kerch Strait; Lithuania; Moldavia; Muhu Sound, Poland; Prague, Slovakia; Spain; Ukraine; White Russia; Yaroslavl; Zhitomir Province)

Aleksandr Seleznev, scout S. Gorlatov. Sov. voin 44 no 8:30-31 Mr '62.

Andreev, P. P., and B. S. Tel'pukhovskii. [The Communist Party during the Great Patriotic War, June, 1941-1945] Kommunisticheskaia partiia v period Velikoi Otechestvennoi voiny, iiun' 1941 g. - 1945 g. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1961. 208 p. (Istoriia KPSS; kurs lektsii Tema 15)
(MH)

Birth of a legend. S. Zaleeskii. Sov. voin 44 no 6:8 Mr '62.

A bomb fell A. Zhuravskii. Starsh. -serzh no 4:18-19 Ap '62

A discussion of the second volume of the "History of the Great Patriotic War" in the Saratov Club of Commissioned Officers. M. Safonov. Voen. -ist. zhur. 4 no. 4:122-124 Ap '62.

Great victory; on the 17th anniversary of the defeat of fascist Germany by the Soviet Union. M. Katukov. Komm. Vooruzh. Sil 2 no. 8:19-25 Ap '62.

A hero is found. I. Pashkov. Sov. voin 44 no. 6.27 Mr '62.

The hero lives, the hero has been found. M Radich. Starsh. -serzh no. 2:6 F '62

Heroic deeds of the Communist Youth Leaguers and young people of Uzbekistan in the battles of the Great Patriotic War. B. Davranov. Obshchestv. nauki v Uz. 6 no. 3: 33-39 '62.

History of the "Committee of the Academy of Sciences of the U. S. S. R. for the Mobilization of Resources in the Ural Mountain Region, Western Siberia, and Kazakhstan for the Defense of the Country." M. K. Kozybaev. Izv. AN Kazakh. SSR. Ser. ist., arkheol. i etn. no. 1:62-69 '62.

In the years of great trials. A. L. Misharis. Vest. Mosk. un. Ser. 7: Filol., zhur. 17 no. 3:39-57 My-Je '62.

It will not be forgotten and will not fade! S. Glukhovskii. Sov. voin 44 no. 8:4 Ap '62.

Meeting in Wola Grojecka. P. Bratko. Sov. voin 44 no. 6: 41-42 Mr '62.

Panfutov, antitank rifleman. Sov. voin 44 no. 8:33-34 Ap '62.

"Road to the Reichstag" by S. A. Neustroev. Voen. znan. 38 no. 4:30 Ap '62.

Soldiers' little red star Starsh. -serzh. no. 2:1 F '62.

Soldiers of Il'ich. A. Saenko. Voen. znan. 38 no. 4:6-7 Ap '62

Surprise in the forcing of rivers by armored units. E. Fedoseev. Voen. -ist. zhur. 4 no. 1:47-56 Ja '62.

A tank named "Lenin." Voen. znan. 38 no. 4:9 Ap '62.

WORLD WAR, 1939-1945—AERIAL OPERATIONS

Begel'dinov, Talgat. ["The Il'iushins" attack; literary record of IU. E. Pashchenko] "Ily" atakuiut; literaturnaia zapis' IU. E. Il'iashenko. Alma-Ata, Kazakhskoe gos. lit. izd-vo, 1961. 139 p.
[MICROFILM]

Development of antiaircraft defense of troops in the Great Patriotic War M. Tur Voen. -ist zhur 1 no 1:15-24 Ja '62.

Il'in Malikov, flier. A Fedorov Sov voin 41 no. 8 13 Ap '62.

WORLD WAR, 1939-1945—AERIAL OPERATIONS, AMERICAN

Atomic bombardment of Hiroshima and Nagasaki I. Aleksandrov. Voen. -ist zhur. 4 no 4:80-89 Ap '62.

WORLD WAR, 1939-1945—ATROCITIES see subdivision under Latvia

WORLD WAR, 1939-1945—BIBLIOGRAPHY see Bibliography—World War, 1939-1945

WORLD WAR, 1939-1945—BIOGRAPHY

Medvedev, K. N., comp. [You fought heroically for our motherland] Geroiski bilis' vy za Otechestvo, sbornik. [Kaliningrad] Kaliningradskoe knizhnoe izd-vo, 1961. 141 p.
(MH)

WORLD WAR, 1939-1945—CAMPAIGNS

Reminiscences about the Battle of Smolensk. N. Bilukov. Voen. -ist. zhur 4 no. 4:80-88 Ap '62.

WORLD WAR, 1939-1945—CAUSES

"From Munich to Nuremberg" by A. I. Poltorak. Reviewed by I. Bolenchuk. Sov. Ukr. 12 no. 5:175-177 My '62.

WORLD WAR, 1939-1945—CHILDREN

After 20 years. N. Kats. Sov. voin 44 no. 1:24 Ja '62.

WORLD WAR, 1939-1945—DOCUMENTS, ETC., SOURCES

"To the glory of the motherland (1941-1945)", collection of documentary materials of military museums. Reviewed by N Kuz'menko. Sov. voin 41 no. 8:18 Ap '62.

WORLD WAR, 1939-1945—NAVAL OPERATIONS

Laktionov, I. I. [Danube flotilla in the Great Patriotic War, 1941-1945] Dunaiskaia flotiliia v Velikoi Otechestvennoi voine, 1941-1945 gg. Moskva, Voen. izd-vo M-va obor. SSSR, 1962. 317 p.

The Red Banner Baltic Fleet in the early phase of the Great Patriotic War. P. Matveev, A. Selianichev. Voen. -ist. zhur. 4 no. 4:33-51 Ap '62.

"We from the 'Gremiashchii'" by V. D. Nikolaev, P. A. Petrukhin. Reviewed by N. Bukin Sov. voin 44 no. 6: 19 Mr '62.

WORLD WAR, 1939-1945—NAVAL OPERATIONS—SUBMARINE

Torpedo strike in Bogen Bay. M. Chuprikov. Sov. voin 44 no. 4:45 F '62.

WORLD WAR, 1939-1945—PERSONAL NARRATIVES

At the Brandenburg Gate again. E. Dolmatovskii. Sov. voin 44 no. 1:40-42 Ja '62

[Fallen heroes tell their stories; predeath letters of Soviet servicemen who fought against German fascist aggressors, 1941-1945] Govoriat pogibshie geroi; predsmertnye pis'ma sovetskikh bortsov protiv nemetsko-fashistskikh zakhvatchikov, 1941-1945 gg. Moskva, Gos. izd-vo polit. lit-ry, 1962. 326 p.

Friends, comrades and brothers. Aitu Sarkisov. Sov. pech. no. 2:30-41 F '62.

Notes of a volunteer servicewoman. I. Glinskaia. Neva no. 2:160-165 '62.

WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS
(see also subdivision under Lida; Mogilev)

"Avengers of the people" Book review. Moskva 6 no. 1 201-202 '62.

Newspapers published by underground party organizations and guerrilla units behind enemy lines, 1941-1944. A. E. Koval', S. V. Sosedov. Vop. ist. KPSS 6 no. 2:63-70 '62.

The resistance movement of foreign workers deported to fascist Germany. Y. Schmelzer. Nov. i noveish. ist. no. 2:130-139 '62.

"Soviet partisans; from the history of the partisan movement during the years of the Great Patriotic War." "From the history of the partisan movement in White Russia 1941-1944 (collection of reminiscences)." Reviewed by V. Andrianov. Voen. -ist. zhur. 4 no. 1:92-96 Ja '62.

[These events weren't mentioned in official communications; reminiscences of participants in underground movements] O chem ne govorilos' v svodkakh; vospominaniia uchastnikov dvizheniia soprotivleniia. Moskva, Gos. izd-vo polit. lit-ry, 1962. 454 p.

WORMS, INTESTINAL AND PARASITIC

Case of toxic encephalopathy caused by helminthic infestation. V. A. Postovit. Ped., akush. i gin. 23 no. 6:28-29 '61.

WORMS, INTESTINAL AND PARASITIC (Continued)
Disorders of the cardiovascular system in hymenolepiasis in children I. M. Fradkin Ped., akush i gin 23 no 3,20 '61
Flies as carriers of helminths' eggs L. A. Markarfiants. Zdrav Tadzh 9 no 1 48 Ja-F '62
Neurological disorders in some helminthiases [with summary in English] N. N. Gavrishova and others. Sov. med. 25 no 1,127-130 Ja '62

WOUNDS
Characteristics of injuries inflicted with wire hawsers and anchor chains. A. A. Lukash. Sud.-med. ekspert. 5 no. 1:53-54 Ja-Mr '62
Course of a wound process in acute radiation sickness S. N. Levchenko. Trudy Inst. klin. i eksp. khir. AN Kazakh SSR no. 7 42-50 '61
Effect of cortisone on healing [with summary in English]. M. B. Rappoport, K. V. Mosketi, P. I. Gladunets. Biul. eksp. biol. i med. 53 no. 4 108-110 Ap '62.
Electrophysiological characteristics of wound stupor L. TS. Ioffe. Trudy Inst. klin. i eksp. khir. AN Kazakh SSR no. 7 8-41 '61
Role of leucocytes in the development of granular tissue during the healing of wounds Z. D. Etmolova. Trudy AZVI 9 233-250 '56

WOUNDS—MICROBIOLOGY
Microflora in the perineal wounds of puerperae in dehiscence of the sutures [with summary in English]. E. M. Solntseva. Antibiotiki 7 no. 5 473-475 My '62

WOUNDS—TREATMENT
Novocaine electrophoretic treatment of wounds. N. A. Barsukov. Veterinariia 39 no. 1:56-57 Ja '61.
Treatment of wounds and ulcers with delayed healing by intra-arterial transfusions of leucocytes P. N. Derbenev. Nov. khir. arkh. no. 3 8-13 '62

WRAPPING MACHINES
Automatic "KZAM-160" apparatus and the possibility of using it for the wrapping of soft candy D. S. Polunovskii. Khleb i kond. prom. 6 no. 4 38-40 Ap '62.

WRESTLING
Biomechanical study of the technique of overhead throws in Greco-Roman wrestling M. G. Okroshidze. Teor. i prak. fiz. kul't. 25 no. 2 35-38 F '62

WRITING, INVISIBLE
"Physical methods of the exposure of invisible texts" by A. Etsman, V. Nikolaichik. Sots. zakon. 39 no. 3 96 Mr '62

WROCLAW see Breslau

X-RAY CRYSTALLOGRAPHY
Incompatibility of methods used and results obtained in studying the substructure of crystals by means of Fourier analysis of one diffraction line V. V. Kukol'. Fiz. tver. tela 4 no. 3:724-735 '62
Radiospectroscopic orientation of crystals. B. I. TSukerman, M. L. Meilman, L. P. Sorokina. Kristallografiia 7 no. 2 224-228 Mr-Ap '62
Study of bismuth-antimony-scandium alloys. N. N. Zhuravlev, E. M. Smirnova. Kristallografiia 7 no. 2 312-313 Mr-Ap '62.
X-ray diffraction examination of superconducting bismuth-platinum alloys in the temperature range 20°-640° Kristallografiia 7 no. 2:310-311 Mr-Ap '62.
X-ray diffraction study of phase transition in Sr_2FeTaO_6. M. F. Kupriianov, E. G. Fesenko. Kristallografiia 7 no. 2:315-316 Mr-Ap '62

X-RAY SPECTRUM see Spectrum, X-ray

X RAYS
Determining the fluorescence yield by measuring the extrinsic X-ray photoeffect on a massive cathode [with summary in E...
Effect of different forms and doses of irradiation on the catalase and peroxidase activity of rabbit blood. M. A. Darakhvelidze. Soob. AN Gruz. SSR 28 no. 1:53-59 Ja '62
Effect of X rays on lipid metabolism in the dog liver [with summary in English]. T. IA. Polosukhina and others. Vop. med. khim. 8 no. 2:102-109 Mr-Ap '62
Investigating the nervous mechanisms of the effect of repeated X irradiation in small doses on the activity of the higher sections of the central nervous system in animals. L. E. Khozak. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. no. 9 206-220 '61.
Relative effectiveness of direct and indirect action of ionizing radiation on DNA M. I. Meksheńkov. Radiobiologiia 2 no. 2:181-188 '62.
Role of the injury of the vegetative control center in the failure of cardiovascular system under the influence of ionizing radiation. N. P. Smirnova. Radiobiologiia 2 no. 2:228-233 '62
Some features of the formation of conditioned reflexes in white rats in the early postnatal stage of development as reflected in normal and functionally changed conditions of the organism. L. S. Gorsheleva, G. L. Vanetsian. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. no. 9 30-34 '61.

X RAYS—THERAPEUTIC USE
Protective effect of novocaine in fractionated X-ray irradiation of animals and during the action of novembichine. Zh. I. Abramova. Vop. onk. 8 no. 3:107-110 '62

XANTHENONE
Determination of tin in poor ores by p-nitrophenylfluorone V. A. Nazarenko, N. V. Lebedeva. Zav. lab. 28 no. 3:268-271 '62

XANTHOMONAS VESICATORIA
Biology of the pathogen of bacterial black spot in tomatoes — Xanthomonas vesicatoria. Report No. 1. Growth and toxin production of X. vesicatoria in some culture media. M. S. Matyashevskaia. Mikrobiol. zhur. 23 no. 6 27-32 '61.

XENON
Charge exchange of Xe^{3+} and Xe^{4+} ions in neon [with summary in English] G. N. Ogurtsov, I. P. Flaks. Zhur. eksp. i teor. fiz. 42 no. 3 721-724 Mr '62.

XYLENE
Composition of products of o- and m-xylene destructive hydrogenation in the presence of tungsten sulfide. K. A. Pavlova, I. V. Kalechits. Trudy Vost.-Sib. fil. AN SSSR no. 38 19-24 '61

XYLENOL
Preparation of new odorous substances from condensation products of camphene with 2, 6-xylenol. L. A. Kheifits, G. I. Moldavanskaia, IU. I. Popova. Zhur. VKHO 7 no. 2: 234-235 '62.

YACHT BUILDING
Design of a 16.8-ton displacement cruising yacht Sudostroenie 28 no. 4 36-38 Ap '62.
Propellers for sail yachts. L. E. Tregubenko. Sudostroenie 28 no. 3 39-40 Mr '62

YAGODNOYE DISTRICT—COMMUNITY CENTERS
Lapshin didn't allow that. N. Posternak. Sov. deput. trud. no. 4 77-78 Ap '62

YAKS
Milk of yaks, yak hybrids and its use in the U. S. S. R. V. V. Ivanova. Uch. zap. Kab.-Balk. gos. un. no. 8 143-154 '60

YAKUTIA—AGRICULTURE—ECONOMIC ASPECTS
Economic efficiency of agricultural production and industries of northwestern Yakutia. F. I. Golovnykh. Ser. ekon. no. 3:78-95 '61.

YAKUTIA—KIMBERLITE
Distribution and genesis of some hydrothermal and pegmatogene minerals in Yakutia kimberlites. [illegible] geol. 5 no. 3:152-156 Mr '62.
Using the hydrochemical method in prospecting for kimberlite bodies M. N. Kosolapova, A. I. Kovalev. Geol. i geofiz. no. 2 95-100 '62

YAKUTIA—LARCH
Taper and volume of Dahurian larch trunks [illegible] Yakutia. L. K. Pozdniakov. Trudy Inst. lesa i drev. 50:64-81 '61.

YAKUTIA—MINERALOGY
Some cases of inherited twin structures in minerals V. V. Ivanov. Trudy Inst. min., geokhim. i kristall. [illegible] red. elem. no. 2:173-180 '59

YAKUTIA—PINE
Pinus pumila Reg. on the northwestern border of its [illegible] tat and the history of its spreading. A. I. Ukin. Trudy Inst. lesa i drev. 50:84-110 '61

YAKUTSK REGION—AGRICULTURE
Main problems in developing agriculture in the [illegible] the city of Yakutsk. O. S. Morozov. Trudy IAFAN SSSR Ser. ekon. no. 3 1-42 '61.

YAKUTSK REGION—HYDRAULIC ENGINEERING
Some problems in the economics of hydraulic engineering construction in the regions near the city of Yakutsk. L. N. Sloev, O. S. Morozov. Trudy IAFAN SSSR Ser. ekon. no. 3,60-68 '61

YAKUTSK REGION—IRRIGATION FARMING
Some problems in the economics of hydraulic engineering construction in the regions near the city of Yakutsk. L. N. Sloev, O. S. Morozov. Trudy IAFAN SSSR Ser. ekon. no. 3:60-68 '61.

YAKUTSK REGION—VEGETABLES—TRANSPORTATION
Comparative evaluation of automotive and water transportation in conveying potatoes and vegetables in the regions near the city of Yakutsk Trudy IAFAN SSSR Ser. ekon. no. 3 69-77 '61

YALTA—CLIMATE
Characteristics of climatic conditions at the Nikita Botanical Garden [with summary in English] F. V. Zaiats. Trudy GNBS 32 161-167 '60.

YALTA—WOODY PLANTS
Method of the arrangement of woody plants in landscapes of the Alupka Park [with summary in English] I. T. Rubtsov. Trudy GNBS 32 11-14 '60
Trees and shrubs in the Alupka Park [with summary in English]. M. P. Volonikin. Trudy GNBS 32 15-18 '60
Trees and shrubs of the Arboretum of the Nikita Botanical Garden [with summary in English] A. M. Kozlitina. Trudy GNBS 32:173-214 '60.

YANA VALLEY—AGRICULTURE
Ways to strengthen the local food supply base of [illegible] trial centers in the Yana River Valley. F. D. [illegible] O. S. Morozov. Trudy IAFAN SSSR Ser. ekon. [illegible] 96-104 '61

YANA VALLEY—FOOD SUPPLY
Ways to strengthen the local food supply base of [illegible] trial centers in the Yana River Valley F. D. Kon, [illegible] O. S. Morozov. Trudy IAFAN SSSR Ser. ekon. [illegible] 96-104 '61.

YANGI-ER DISTRICT—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK
With the help of the activist group. M. Sabirov. Part. zhizn' [Uzb.] 5 no. 2:55-58 F '62.

YANGI-ER DISTRICT—COTTON GROWING
With the help of the activist group. M. Sabirov. Part. zhizn' [Uzb.] 5 no. 2:55-58 F '62.

YANGI-YUL' (UZBEKISTAN)—EMBEZZLEMENT
He thinks he can do what he wants. R. Plungian. [illegible] profsoiuzy 18 no. 9 48 My '62.

YARN—TESTING
Comparative testing of right- and left-hand twist yarn F. I. Chervlakov. Shvein. prom. no. 1:15-16 Ja-F '62

YAROSLAVL—MACHINERY—DESIGN
Voluntary constructors. I. Kasatkin. Sov. profsoiuzy 18 no. 2:8 Ja '62

YAROSLAVL—WORLD WAR, 1939-1945
Kommunisticheskaia partiia Sovetskogo Soiuza. Yaroslavskii oblastnoi komitet. Partiinyi arkhiv. [Citizens of Yaroslavl during the Great Patriotic War; collected documents] [Yaroslavtsy v gody Velikoi Otechestvennoi voiny; sbornik dokumentov. [Yaroslavl'] Yaroslavskoe knizhnoe izd-vo, 1960. 444 p.
(OrU)

YAROSLAVL PROVINCE—MINERALS IN SOIL
Akademiia nauk SSSR. Pochvennyi institut imeni V. V. Dokuchaeva. [Microelements in soils of Yaroslavl Province] Mikroelementy v pochvakh Yaroslavskoi oblasti. Moskva, Izd-vo Akad. nauk SSSR, 1962. 181 p.
(DA)

YAROSLAVL PROVINCE—PSYCHIATRIC HOSPITALS
"Number of personnel should be reviewed" G I Leonidov Sots obesp. 23 no 5 31-33 My '62

YEAST
Accumulation of water-soluble nitrogenous substances in flour mash. M S Tul'skii Khleb. i kond prom. 6 no 4 1-2 Ap '62
Automatic control of the production of commercial yeast V. V Ivanov, M. L. Tigai Mekh i avtom proizv 16 no. 1 17-19 Ap '62
Effect of yeast on fermentation processes in rumen Ludmila Ottova, Alena Hatlcova Vest sel'khoz nauki 7 no. 1 116-119 Ja '62
Preserving pure cultures of champagne yeast in the laboratory R. D. Zubkova Trudy Inst mikrobiol i virus. AN Kazakh SSR 5 63-68 '61.
Toxic effect of intermediate products of oxidated oleic acid on yeast cells. G I Gasanov, IU. B. Kudriashov Dokl. AN SSSR 143 no 6 1453-1154 Ap '62.
Using wild reed for preparing fodder yeast N. L. Tiuten'kova Trudy Inst. mikrobiol i virus, AN Kazakh SSR 5 69-76 '61

YENISEY RIDGE—GEOLOGY
Geology of the northeastern part of the Yenisey Ridge (Teya Basin) N. S. Malich. Trudy VSEGEI 66 33-42 '61.

YENISEY RIDGE—GEOLOGY, STRATIGRAPHIC
Variegated Cretaceous sediments in the Kan-Taseyevo depression. N. P. Il'inkina, B. A. Fuks Trudy VSEGEI 66 107-115 '61

YENISEY RIDGE—SPORES (BOTANY), FOSSIL
Spores from Sinian and Cambrian sediments in the Yenisey Ridge. G. I. Kirichenko, IU. A. Altushinskii. Trudy VSEGEI 66:13-51 '61

YENISEY VALLEY—DRIFT
Conditions governing the formation of Upper Quaternary interglacial sediments in the Yenisey Valley (in the portion Tunguskansk-Podkamennaya Tunguska). V. S Volkova. Trudy VSEGEI 66:151-159 '61.

YENISEY VALLEY—GEOLOGY, STRATIGRAPHIC
Stratigraphy and paleogeography of the Pleistocene in the Yenisey Valley. V. A. Zubakov. Trudy VSEGEI 66:145-156 '61.

YENISEY VALLEY—GEOLOGY, STRUCTURAL
Presence of Paleozoic troughs in the Chulym-Yenisey area of the West Siberian Plain. A. A Bulynnikova. Trudy SNIIGGIMS no. 1:18-26 '58

YENISEY VALLEY—GLACIAL EPOCH
Retreat stage of the Zyryanka glaciation in the lower Yenisey River. V. S. Volkova, A. G. Shurygin. Trudy VSEGEI 66:161-174 '61.

YENISEY VALLEY—KIMBERLITE
New data on the age of the "Sytykanskaya" kimberlite pipe. V I Mikheenko. Geol i geofiz no. 2 109-112 '62.

YENISEY VALLEY—MAGNESIOFERRITE
Pavlov, N. V. [Magnesioferrite deposits of the Tunguska syneclise area of the Siberian Platform] Magnomagnetitovye mestorozhdeniia raiona Tungusskoi sineklizy Sibirskoi platformy. Moskva, Izd-vo Akad. nauk SSSR, 1961. 223 p. 12 plates. (Akademiia nauk SSSR. Institut geologii rudnykh mestorozhdenii, petrografii, mineralogii i geokhimii. Trudy, no. 52)

YENISEY VALLEY—PALEOGEOGRAPHY
Stratigraphy and paleogeography of the Pleistocene in the Yenisey Valley. V. A. Zubakov. Trudy VSEGEI 66 135-150 '61.

YEREVAN see Erivan

YEZHOVO (PERM PROVINCE)—THERAPSIDA
Cemetery of the ancient therapsids. P. K. Chudinov. Priroda 51 no. 4 78-84 Ap '62.

YOGA
Meeting with yogis V. Smolevskii Starsh -serzh. no 3, 15 Mr '62

YOUNG COMMUNIST LEAGUE see Communist Youth League

YOUNG NATIONS see States, New

YOUNG WOMEN see subdivision under Omsk

YOUTH
(see also subdivision under Azerbaijan; Great Britain)
Kolesnikova, N. A., A. V. Krivolapov, and P. F. Mikhalev. [Youth thinks about life] IUnost' obdumyvaet zhiz'e... [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1962. 139 p.
My message to young people. Elena Stasova. Rab. i stal. 38 no. 1:5 Ja '62.

YOUTH—BIBLIOGRAPHY see Bibliography—Youth

YOUTH—EMPLOYMENT
(see also subdivision under Chelyabinsk Province)
Burning zeal of the Communist Youth League is. Agitator no. 6-10-21 Mr '62.
Let me tell you about our young people. I Timofeev. Agitator no. 10:59 My '62.
One year later Zdorov'e 8 no. 4 20 Ap '62.
Work and health of school children. L. A Leonova Zdorov'e 8 no 1 19-20 Ap '62.

YTTERBIUM
Sorption and following desorption of ytterbium and europium on granular ion exchangers in an electric field A B Davankov and others. Zhur prikl khim 35 no 4-769-773 Ap '62.

YTTRIUM
Adsorption of yttrium and zirconium by zirconium phosphates V. S Zlobin Radiokhimia 4 no 1 54-59 '62
Measuring the vapor pressure of metallic yttrium V V Karelin and others Vest. Mosk un Ser 2 Khim. 17 no 2 40-41 Mr-Ap '62

YTTRIUM—ISOTOPES
Accumulation of strontium and yttrium isotopes in the eggs of marine fishes G. G. Polikarpov, V. N. Ivanov Radiobiologiia 2 no. 2:207-210 '62

YTTRIUM HYDROXIDE
Determination of the pH of the beginning of dissolution and of the product of yttrium hydroxide activities. P. N. Kovalenko, O. I. Geiderovich. Izv. vys. ucheb. zav., khim. i khim. tekh. 5 no. 1:58-61 '62.

YUGOSLAVIA—BIBLIOGRAPHY
[New literature on Yugoslavia] Nov. lit. po IUg. nos. 1-2 '62.

YUGOSLAVIA—HISTORY
Semenov, M. A. [The king must die] Korol' dolzhen umeret'. [Sao-Paulo, Brazilia? 1961] 36 p. (MH)

YUGOSLAVIA—SPORTS MEDICINE
First theoretical and practical conference on sports medicine in Yugoslavia. V. K. Dobrovol'skii. Teor. i prak fiz. kul't 25 no. 3. 77-79 Mr '62

YUKSPOR MOUNTAIN—PEGMATITES
Dorfman, M. D. [Mineralogy of pegmatites and weathering zones in ijolite-urtites of Yukspor Mountain in the Khibiny massif] Mineralogiia pegmatitov i zon vyvetrivaniia v iiolit-urtitakh gory IUkspor Khibinskogo massiva. Moskva, Izd-vo Akad. nauk SSSR, 1962. 167 p.

YUKSPOR MOUNTAIN—WEATHERING
Dorfman, M. D. [Mineralogy of pegmatites and weathering zones in ijolite-urtites of Yukspor Mountain in the Khibiny massif] Mineralogiia pegmatitov i zon vyvetrivaniia v iiolit-urtitakh gory IUkspor Khibinskogo massiva Moskva, Izd-vo Akad. nauk SSSR, 1962. 167 p.

YURAK LITERATURE—HISTORY AND CRITICISM
Polonskii, L. V. [From the history of Nenets literature] Iz istorii neneteskoi literatury. [Tiumen'] Tiumenskoe knizhnoe izd-vo, 1961. 24 p. (MH)

YUZHNYY CHERPUK VOLCANO
Cone of the Yuzhnyy Cherpuk volcano N. V. Ogorodov. Trudy Lab. vulk. no. 21:45-49 '62

ZABID, YEMEN—SOCIAL CONDITIONS
In the hospitable Zabid [with English summary in insert]. B. Seiranyan. Az. i Afr. sog. no. 4:53-54 Ap '62.

ZAILIYSKIY ALA-TAU see Trans-Ili Ala-Tau

ZAPOROZH'YE—COMMUNITY AND SCHOOL
Education of children is a joint task of community and school. O. P. Voloshyn, P. IA. Kuleshov. Rad shk 40 no. 4 45-48 Ap '62.

ZAPOROZH'YE—REFRACTORIES INDUSTRY
Plans for the mechanization and introduction of automatic control at the Zaporozhye Refractories Plant Ogneupory 27 no. 4-149-150 '62.

ZAPOROZH'YE—STEEL INDUSTRY
Our "beacon lights" show us the path toward new achievements. V. IAlanskii Agitator no 6-43-47 Mr '62

ZAVADSKII, BORIS
"Five years beyond the ocean" by Boris Zavadskii. Reviewed by Petr Sharl. Oktiabr' 39 no. 1:219-220 Ja '62.

ZAYSAN, LAKE—PERCH
Propagation of perch in Lake Zaysan (Perca fluviatilis L.). P. A. Dianov Trudy AZVI 9 364-379 '56

ZBANATS'KYI, IURII, 1914-
"Seapel", a novel by IUrii Zbanats'kyi. Reviewed by Mykola Ravliuk. Ukraina no 10:20 My '62.

ZBRUCH VALLEY—RHIPIDOGLOSSA
Age changes in a new trochid species. O V. Amitrov. Paleont. zhur. no. 4:40-49 '61.

ZELINSKII, NIKOLAI DMITRIEVICH, 1861-1953
The 100th anniversary of the birth of N D. Zelinskii A F Plate Vop ist est. i tekh no 12 233-234 '62.

ZEMETCHINO DISTRICT—AMATEUR ART ACTIVITIES
Our talented amateurs. L. Kozlov. Agitator no 10 58-59 My '62.

ZEOLITES
(see also subdivision under Caucasus)
Sorption of water vapor on molecular sieves G. V. Tsitsishvili and others Soob AN Gruz. SSR 28 no 1. 17-24 Ja '62

ZERAVSHAN RANGE—PETROLOGY
Basic characteristics of the igneous activity and metallogeny in the Zeravshan-Gissar mountain area R B Baratov Trudy AN Tadzh SSR 104 no. 1-3-21 '59.

ZERAVSHAN VALLEY—AGRICULTURE—ECONOMIC ASPECTS
"Economic aspects of the general development of agriculture in the lower Zeravshan Valley" by K. N Nurmatov. Reviewed by IU. I Iakhkov and others. Obshchestv. nauki v Uz 6 no. 3 67-69 '62

ZERAVSHAN VALLEY—HORTICULTURE
Fruit culture, viticulture, and vegetable growing in the Zeravshan Valley M I Brodnikovskii, G O Zeman, V L Danilov Trudy Inst sad AN Tadzh SSR 2 13-20 '60.

ZERAVSHAN VALLEY—SPHEROSIDERITE
Spherosiderite in the coals of the Fan-Yagnob deposit Sh. K Kabilov Trudy AN Tadzh SSR 104 no 1-93-94 '59

ZEYA-BUREYA PLAIN—SAND
Quartz sands of the Zeya-Bureya Depression in the Soviet Far East A M TSekhomskii, L. M. Petrun'kina Trudy VSEGEI 57 167-181 '61

ZHAKOVA, GALINA MIKHAILOVNA
The miners' doctor Zdorov'e 8 no. 4:8 Ap '62.

ZHAKSYALAKOL' LAKE REGION—MAGNETIC ANOMALIES
Possible magnetic anomaly in the Lake Zhaksyalakol' region (Kustanay Province) K. Z Starikov Uch zap Kazakh. un. 37 no 4 176 '58

ZHARKOVSKII, EVGENII
Songs of our day. G Poliakovskii Sov muz 26 no. 4 94-95 Ap '62.

ZHDANOV, IVAN MIKHAILOVICH, 1902-
Ivan Mikhailovich Zhdanov. Elektrosvias' 16 no. 4:74 Ap '62.

ZHDANOV—THEATER
Fu st steps. IUrii IAhnych. Mystetstvo 9 no. 1 16-18 Ja-F '62.

ZHELEZNIKOV, V.
"Good morning to good people" by V. Zheleznikov. Reviewed by Sergei Baruzdin. Oktiabr' 39 no. 1 217 Ja '62.

ZHELIGOVSKII, VLADISLAV ALEKSANDROVICH, 1891-
Outstanding scientist and promoter of mechanization P. Listov, I Popov. Vest sel'khoz. nauki 7 no. 2 152-153 F '62.

ZHEMOCHKIN, BORIS NIKOLAEVICH, 1887-1961
Boris Nikolaevich Zhemochkin. Dan ... fund. i mekh grun. 3 no. 6:30 '61.

ZHERNAKOV, N. K.
"Like-minded people," a novel by N. K. Zhernakov. Reviewed by D Gavrilov. Neva no. 1 193-194 '62.

ZHIGULIN, ANATOLII
"Men like camp fire" by Anatolii Zhigulin. Reviewed by V. Sultanov. Oktiabr' 39 no. 3:212-213 Mr '62.

ZHIRMUNSKII, VIKTOR MAKSIMOVICH, 189?
Viktor Maksimovich Zhirmunskii; on his [illegible] IAzyk. i lit. i iaz. 20 no. 4:363-364 JI-Ag '61.

ZHIRNOVSK REGION—OIL FIELDS—FIRE PREVENTION
The day oil was on fire. N. Frol'chenko. no 3:18-20 Mr '62.

ZHITKOVICHI REGION—GEOLOGY, STRU
Morphology and some tectonic characteri Mikashevichi-Zhitkovichi horst in the el ment of White Russia. A. M. Pap, V. N. A. IA. Zingerman. Dokl. AN BSSR 6 no Ap '62.

ZHITOMIR—AGRICULTURE—EXPERIME
With the hands of young researchers. M. Rad shk 40 no 4 49-50 Ap '62.

649080 O - 62 - 19

ZHITOMIR PROVINCE—ATHEISM
A conference in Zhitomir IU. Skrypnychenko. Volov. ateist no. 4 46-48 Ap '62

ZHITOMIR PROVINCE—COMMUNIST YOUTH LEAGUE
Mishchenko, H. P., and M. M. Matvichuk. [Educated by the party, the Communist Youth League and Youth of Zhitomir Province during the Great Patriotic War, 1941-1945] Vykhovani partiieiu; komsomol i molod' Zhytomyrshchyny u Velykii Vitchyznianii viini, 1941-1945 rr. Kyiv, Vyd-vo Kyivs'koho univ., 1960. 205 p. (MH)

ZHITOMIR PROVINCE—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS
Mishchenko, H. P., and M. M. Matvichuk. [Educated by the party, the Communist Youth League and Youth of Zhitomir Province during the Great Patriotic War, 1941-1945] Vykhovani partiieiu, komsomol i molod' Zhytomyrshchyny u Velykii Vitchyznianii viini, 1941-1945 rr. Kyiv, Vyd-vo Kyivs'koho univ., 1960. 205 p. (MH)

ZHUKOV, IURII
"The taming of tigers" by IU. Zhukov. Reviewed by Martyn Merzhanov. Znamia 32 no. 1:219-222 Ja '62

ZINC
(see also subdivision under Dzungarian Ala-Tau)
Methods of concentrating traces of zinc by coprecipitation V. T. Chuiko, N. P. D'iachenko. Zhur. neorg. khim. 7 no. 4 903-909 Ap '62
Simultaneous discharge of zinc and hydrogen ions in sulfuric acid solutions. F. K. Batmetova, G. Z. Kul'iakov. Zhur. prikl. khim. 35 no. 4 903-905 Ap '62
Use of complexometric titration in determining bismuth and zinc in medical suppositories. V. V. Belikov, M. S. Shraiber, S. M. Bolotnikov. Apt. delo 11 no. 1 50-53 Ja-F '62

ZINC—ANALYSIS
Complexometric determination of copper and zinc ions present together. S. M. Efros, E. S. Boichinova, IU. M. Gorfunkel'. Trudy LTI no. 48:175-178 '58
Complexometric determination of zinc and nickel in a cyanide electrolyte. A. A. Amsheeva. Zav. lab. 28 no. 3, 278-279 '62.
Determination of zinc and nickel ions in an electrolytic bath of nickel black. S. M. Efros, E. S. Boichinova, A. K. Kuznetsova. Trudy LTI no. 48:169-174 '58

ZINC—CORROSION
Effect of additions on the rate of zinc corrosion in alkalies. S. A. Balezin, V. I. Rodionova. Uch. zap. MGPI no. 146 297-303 '60

ZINC—METALLURGY
(see also subdivision under Belgium; Ust'-Kamenogorsk)
Mechanized and automatically controlled line for the smelting and pouring of zinc. I. N. Sakharov. TSvet. met. 35 no. 4, 34-41 Ap '62.
"Metallurgy of zinc" by Z. Horvath. Reviewed by F. M. Loskutov. TSvet. met. 25 no. 4 93 Ap '62.

ZINC—TESTING
Measuring true stresses in aluminum and zinc tensile tests at high temperatures. O. S. Mironov, E. M. Voiin. Zav. lab. 28 no. 3:359 '62

ZINC-ALUMINUM ALLOYS see Aluminum-zinc alloys

ZINC-ALUMINUM-MAGNESIUM ALLOYS—THERMAL PROPERTIES
Zinc angle of the system Zn - Al - Mg. I. A. Aleksakhin, A. A. Semionov. Metalloved i term. obr. met. no. 4 41-45 Ap '62.

ZINC-ANTIMONY ALLOYS—THERMAL PROPERTIES
Thermodynamic properties of liquid alloys in the systems zinc - antimony and zinc - antimony - lead. Izv. vys. ucheb. zav.; tsvet. met. 3 no. 2:175-177 '60.
To the editors of the journal "Izvestiia vysshikh uchebnykh zavedenii; tsvetnaia metallurgiia"; authors' response. V. Ponomarev, M. Kurmangaliev. Izv. vys. ucheb. zav.; tsvet. met. 3 no. 2:177-178 '60.

ZINC INDUSTRY—AUDITING AND INSPECTION see subdivision under Ust'-Kamenogorsk

ZINC ORES
(see also subdivision under Argun Valley; Sibay region)
Complete utilization of copper-zinc ores from the Urals. V. M. Sobiev. TSvet. met. 35 no. 4:7-9 Ap '62.
Selection of a cationic collector for the flotation of oxidized zinc minerals. A. A. Abramov. TSvet. met. 35 no. 3:18-22 Mr '62

ZINC OXIDE
Introducing a new method for the production of zinc oxide for needs of the paint and varnish and allied industries. A. K. Evdokimova, M. V. Potapov, A. Kh. Shakhnazarov. TSvet. met. 35 no. 4 41-46 Ap '62.
Precipitation of zinc oxide aerosols in an acoustic field. D. B. Dianov, L. G. Merkulov, V. I. Nikitenko. Akust. zhur. 8 no. 1 60-66 '62

ZINC SULFIDE
Photodielectric effect in electroluminescent zinc sulfide phosphors. F. I. Vergunas, K. Sh. Enikeeva. Izv. AN SSSR. Ser. fiz. 26 no. 4 475-479 Ap '62

ZIRABULAK MOUNTAINS—PEGMATITES
Morphologic characteristics of pegmatites in the southeastern part of the Zirabulak Mountains. A. Nematov. Uzb. geol. zhur. 6 no. 1, 35-40 '62

ZIRCON see subdivision under Moscow Basin

ZIRCONIUM
Adsorption of yttrium and zirconium by zirconium phosphates. V. S. Zlobin. Radiokhimiia 4 no. 1 54-59 '62
Extraction of zirconium and hafnium from solutions containing nitric and hydrochloric acids. A. M. Reznik and others. Dokl. AN SSSR 143 no. 6:1413-1416 Ap '62.
Genetic types and classification of zirconium and hafnium deposits. I. P. Tikhonenkov. Trudy Inst. min., geokhim., i kristallokhim. red. elem. no. 2:211-229 '59
Giant resonance in the photodisintegration of the Zr^{90} nucleus [with summary in English]. K. V. Shitikova. Zhur. eksp. i teor. fiz. 42 no. 3:868-870 Mr '62.
Separation of protactinium from zirconium, titanium, and niobium by the chromatographic method. R. A. D'iachkova, Vikt. I. Spitsyn, P. P. Nazarov. Radiokhimiia 4 no. 1 89-94 '62.
Zirconium content in titanium minerals. E. I. Semenov. Trudy Inst. min., geokhim., i kristalokhim. red. elem. no. 2:87-92 '59.

ZIRCONIUM—CONGRESSES
Nauchno-tekhnicheskoe soveshchanie po primeneniiu tsirkoniia i ego soedinenii v promyshlennosti, Kiev, 1960. [Materials of the Technological Conference on the Use of Zirconium and its Compounds in Industry] Materialy, Kiev, Izd-vo Akad. nauk USSR, 1962. 97 p.

ZIRCONIUM COMPOUNDS
Effect of the state of zirconium in solution on its interaction with organic reagents. A. K. Babko, G. I. Gridchina. Zhur. neorg. khim. 7 no. 4:888-895 Ap '62.
Study of complex formation of zirconium with α- and β-aminopropionic acids in nitric acid solutions by a method involving extraction. A. S. Solovkin, Z. N. TSvetkova, N. S. Povitskii. Zhur. neorg. khim. 7 no. 4:937-939 Ap '62

ZIRCONIUM COMPOUNDS—TOXICOLOGY
Toxicity of zirconium and the zirconium compounds used in modern industry [with summary in English]. O. IA. Mogilevskaia. Gig. truda i prof. zab. 4 no. 6:27-31 Je '60.

ZIRCONIUM HYDROXIDE
Characteristics of the behavior of zirconyl ion in solutions. L. M. Zaitsev, G. S. Bochkarev. Zhur. neorg. khim. 7 no. 4:795-802 Ap '62.

ZIRCONIUM IODIDE
Thermodynamic functions of silicon tetraiodide and zirconium tetraiodide in the gaseous state. A. M. Aleksandrovskaia and others. Izv. vys. ucheb. zav.; khim. i khim. tekh. 5 no. 1:171-172 '62.

ZIRCONIUM NITRIDES—SPECTRA
Mass spectrometric study of the composition of vapor over zirconium, titanium, and boron nitrides. P. A. Akishin, IU. S. Khodeev. Zhur. neorg. khim. 7 no. 4: 941-942 Ap '62

ZIRCONIUM OXIDE
Effect of iron oxide on the sintering of a zirconium mixture and the stabilization process of zirconium dioxide. E. K. Keler, A. B. Andreeva. Ogneupory 27 no. 4:184-192 '62.

ZIRCONIUM PHOSPHATES
Adsorption of yttrium and zirconium by zirconium phosphates. V. S. Zlobin. Radiokhimiia 4 no. 1 54-59 '62.

ZIRCONIUM-TITANIUM ALLOYS—CORROSION
Corrosion and electrochemical behavior of zirconium-titanium alloys in hydrochloric acid solutions. V. V. Andreeva, A. I. Glukhova. Zhur. prikl. khim. 35 no. 3 562-567 Mr '62

ZIRCONYL CHLORIDE
Interaction of zirconyl chloride with alkali metal ferrocyanides in acidic medium. E. A. Ionova, T. V. Ananieva. Zhur. neorg. khim. 7 no. 4 791-794 Ap '62

ZIZIPHORA
Effect of Ziziphora Bunge preparations on the content of total cholesterol and its esters in the blood serum of rabbits. Report No. 2. Sh. Zh. Zhangozin. Izv. AN Kazakh. SSR. Ser. med. i fiziol. no. 1:60-65 '61
Reaction of animal blood vessels to the action of Ziziphora Bunge preparations. Report No. 7. F. D. Dzhumagalieva. Izv. AN Kazakh. SSR. Ser. med. i fiziol. no. 1:66-70 '61

ZMIYEV—ELECTRIC POWER PLANTS
From practices in the assembly and installation of the PVK-200-1 turbine unit at the Zmiyev State Regional Electric Power Plant. N. G. Buslik. Energ. stroi. no. 25 26-31 '61.

ZMIYEV DISTRICT—BAPTISTS
The seeds of watermelon. H. Naumov. Volov. ateist no. 5 39-43 My '62.

ZONE MELTING
Electric slag refining. V. V. Panin. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 2:32-35 Mr-Ap '62.
Method of determining effective distribution coefficients during zonal recrystallization. V. N. Vigdorovich, K. H. Rozin. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 2 63-65 Mr-Ap '62
Temperature distribution in rods during zonal recrystallization without crucibles. I. V. Milov, V. V. Okhashevich, D. M. Skorov. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 2:56-62 Mr-Ap '62.
Zone melting as a method of studying some radial processes in the earth [with summary in English]. A. P. Vinogradov. Geokhimiia no. 3:268-270 '62.
Zone melting of acid tungstates. P. I. Fedorov, M. V. Mokhosoev. TSvet. met. 35 no. 3:61-66 Mr '62.

ZOOLOGICAL RESEARCH
(see also subdivision under Rumania)
Problems of zoological research and the resolutions of the 22d Congress of the CPSU. Zool. zhur. 41 no. 1 1-III Ja '62
Zoological investigation during the 33d expedition of the ship Vitiaz'. N. V. Parin, F. A. Pasternak. Zool. zhur. 41 no. 1, 155-160 Ja '62

ZOOLOGY—CLASSIFICATION
Some considerations concerning methods for establishing higher taxonomic units [with summary in French]. Z. Felder. Zool. zhur. 41 no. 1:18-23 Ja '62

ZOOLOGY—STUDY AND TEACHING
"Physical geography" by I. I. Zuslavs'kyi, T. P. Gerasimova. Reviewed by B. M. IArmolenko. Rad. shk. 41 no. 5 89 My '62.

ZOOPLANKTON see subdivision under Kronotskiy Gulf, Paramushir Island region

ZORABIAN, ASHKHAN IL'INICHNA, 1909-1962
Ashkhan Il'inichna Zorabian. Masl.-zhir. prom. 28 no. 3:47 Mr '62.

ZWEIG, ARNOLD, 1887-
"Arnold Zweig" by P. Toper. Reviewed by I. IUr'eva. Vop. lit. 5 no. 12:217-219 D '61.

ZYRYANOVSK—LEAD INDUSTRY
Communists are at the forefront. L. Polner. Part. zhizn' Kazakh. 31[i. e. 32] no. 4:58-63 Ap '62.

ZYRYANOVSK—WAGES—ZINC INDUSTRY
Improve the wage-payment system. V. Finogenov. Nar. khoz. Kazakh. 20 no. 3:31-34 Mr '62.